

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131594.D
 Acq On : 12 Dec 2022 15:59
 Operator : CG\JU
 Sample : N5964-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-05MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2022
 Supervised By : Jagrut Upadhyay 12/13/2022

Quant Time: Dec 13 04:15:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	62043	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	223107	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	128415	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	242568	20.000	ng	0.00
76) Chrysene-d12	14.104	240	137964	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	136691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	438171	117.821	ng	0.01
7) Phenol-d6	6.534	99	571053	117.177	ng	0.00
23) Nitrobenzene-d5	7.463	82	390625	66.194	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	168545	118.134	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	669263	65.713	ng	0.00
79) Terphenyl-d14	13.039	244	671790	66.778	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	73584	43.835	ng	98
3) Pyridine	3.487	79	196915	42.251	ng	98
4) n-Nitrosodimethylamine	3.457	42	109878	42.749	ng	100
6) Aniline	6.557	93	231475	39.715	ng	99
8) 2-Chlorophenol	6.681	128	185122	46.972	ng	93
9) Benzaldehyde	6.445	77	102457	30.689	ng	98
10) Phenol	6.545	94	265934m	48.921	ng	
11) bis(2-Chloroethyl)ether	6.628	93	189367	46.472	ng	98
12) 1,3-Dichlorobenzene	6.834	146	207119	45.328	ng	97
13) 1,4-Dichlorobenzene	6.910	146	212678	46.144	ng	98
14) 1,2-Dichlorobenzene	7.063	146	201939	45.866	ng	97
15) Benzyl Alcohol	7.039	79	203734	45.600	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	228032	43.322	ng	97
17) 2-Methylphenol	7.151	107	161110	45.359	ng	98
18) Hexachloroethane	7.404	117	84986	45.710	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	160860	44.019	ng	99
20) 3+4-Methylphenols	7.304	107	220379	45.553	ng	# 82
22) Acetophenone	7.304	105	308462	44.119	ng	94
24) Nitrobenzene	7.481	77	250623	42.108	ng	95
25) Isophorone	7.722	82	437879	46.066	ng	99
26) 2-Nitrophenol	7.798	139	98972	48.762	ng	93
27) 2,4-Dimethylphenol	7.834	122	167339	53.789	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	241452	49.103	ng	100
29) 2,4-Dichlorophenol	8.039	162	171182	44.501	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	202080	42.837	ng	98
31) Naphthalene	8.204	128	531422	42.290	ng	100
32) Benzoic acid	7.969	122	110208	48.915	ng	97
33) 4-Chloroaniline	8.257	127	115830	24.591	ng	96
34) Hexachlorobutadiene	8.316	225	135592	40.784	ng	99
35) Caprolactam	8.639	113	48425m	48.665	ng	
36) 4-Chloro-3-methylphenol	8.745	107	194783	45.094	ng	98
37) 2-Methylnaphthalene	8.898	142	367643	42.780	ng	99
38) 1-Methylnaphthalene	8.998	142	346365	41.985	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	217083	45.667	ng	98
41) Hexachlorocyclopentadiene	9.051	237	266625	110.503	ng	98
43) 2,4,6-Trichlorophenol	9.180	196	135638	46.131	ng	98

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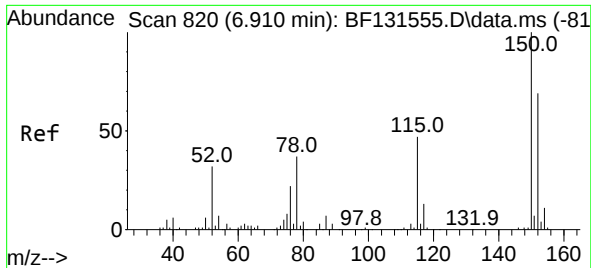
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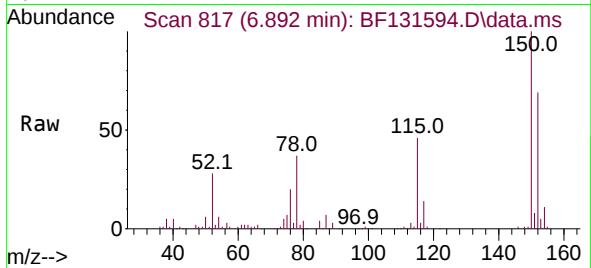
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	141599	44.780	ng	99
46) 1,1'-Biphenyl	9.369	154	471619	46.450	ng	99
47) 2-Chloronaphthalene	9.392	162	375381	45.378	ng	98
48) 2-Nitroaniline	9.498	65	129966	44.352	ng	89
49) Acenaphthylene	9.816	152	558245	45.961	ng	99
50) Dimethylphthalate	9.675	163	436377	44.577	ng	99
51) 2,6-Dinitrotoluene	9.739	165	96751	47.874	ng	# 82
52) Acenaphthene	9.986	154	407052m	50.026	ng	
53) 3-Nitroaniline	9.910	138	57850	29.835	ng	99
54) 2,4-Dinitrophenol	10.016	184	101693	87.497	ng	92
55) Dibenzofuran	10.163	168	520865	45.305	ng	96
56) 4-Nitrophenol	10.080	139	136679	101.467	ng	89
57) 2,4-Dinitrotoluene	10.145	165	129921	48.462	ng	96
58) Fluorene	10.504	166	412591	44.144	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	118889m	44.400	ng	
60) Diethylphthalate	10.380	149	415823	44.264	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	227592	44.064	ng	93
62) 4-Nitroaniline	10.533	138	86801	45.174	ng	95
63) Azobenzene	10.657	77	455453	42.508	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	68512	44.594	ng	78
66) n-Nitrosodiphenylamine	10.616	169	346797	44.223	ng	98
67) 4-Bromophenyl-phenylether	10.986	248	134628	43.144	ng	95
68) Hexachlorobenzene	11.051	284	146839	43.504	ng	# 93
69) Atrazine	11.151	200	130255	52.305	ng	96
70) Pentachlorophenol	11.251	266	153533	88.358	ng	97
71) Phenanthrene	11.474	178	583967	43.191	ng	100
72) Anthracene	11.527	178	599256	45.556	ng	99
73) Carbazole	11.680	167	492146	45.836	ng	99
74) Di-n-butylphthalate	12.010	149	601017	45.627	ng	100
75) Fluoranthene	12.669	202	606686	43.576	ng	99
77) Benzidine	12.792	184	227648	61.583	ng	98
78) Pyrene	12.898	202	597194	43.898	ng	99
80) Butylbenzylphthalate	13.515	149	209317	53.168	ng	99
81) Benzo(a)anthracene	14.092	228	452251	45.392	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	101401	35.772	ng	97
83) Chrysene	14.133	228	424566	44.823	ng	98
84) Bis(2-ethylhexyl)phtha...	14.074	149	267462	49.750	ng	99
85) Di-n-octyl phthalate	14.698	149	396487	45.429	ng	98
87) Indeno(1,2,3-cd)pyrene	17.156	276	451956	40.514	ng	99
88) Benzo(b)fluoranthene	15.168	252	406024	45.068	ng	100
89) Benzo(k)fluoranthene	15.198	252	412501	43.868	ng	99
90) Benzo(a)pyrene	15.551	252	356651	46.388	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	384843	41.917	ng	98
92) Benzo(g,h,i)perylene	17.627	276	380780	41.267	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

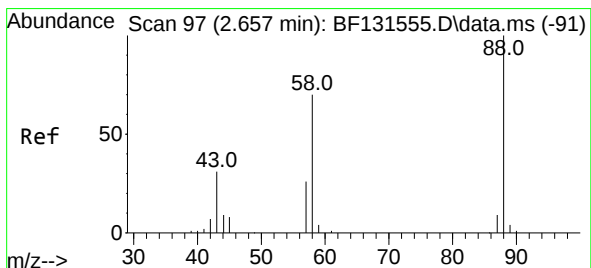
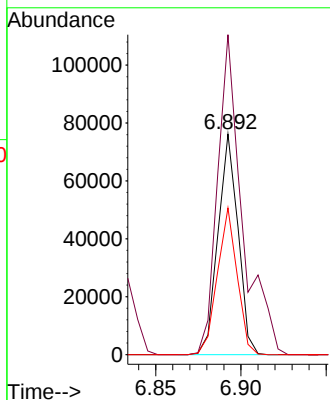
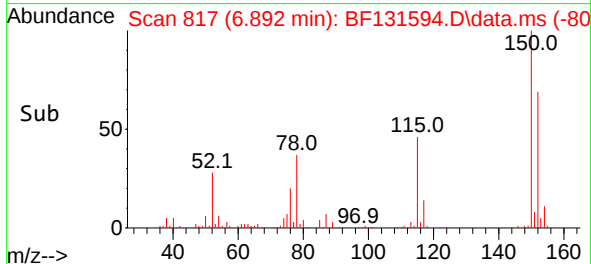
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:152 Resp: 62043
Ion Ratio Lower Upper
152 100
150 145.0 116.7 175.1
115 66.5 54.6 82.0

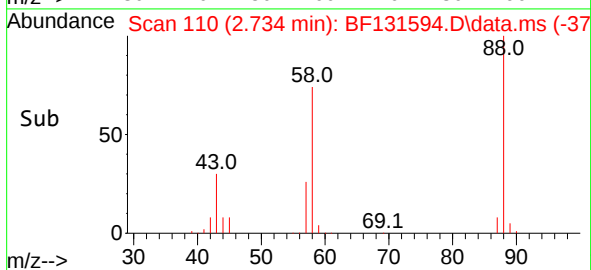
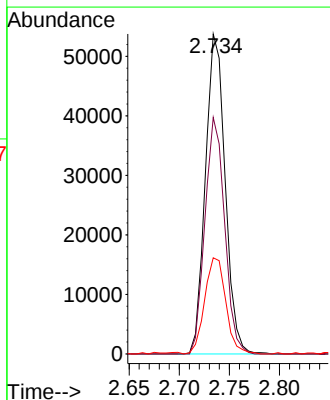
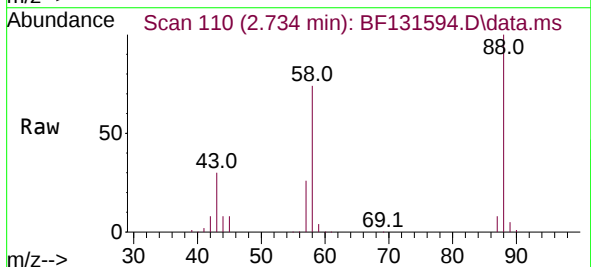
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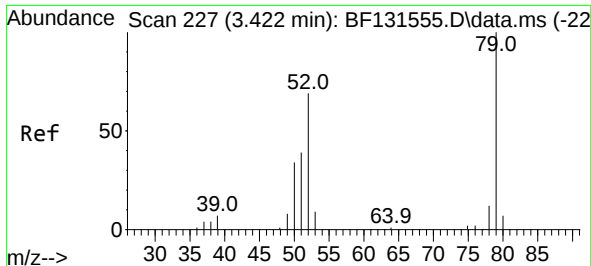
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#2
1,4-Dioxane
Concen: 43.835 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.082 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion: 88 Resp: 73584
Ion Ratio Lower Upper
88 100
58 73.5 60.0 90.0
43 32.1 26.7 40.1





#3

Pyridine

Concen: 42.251 ng

RT: 3.487 min Scan# 238

Delta R.T. 0.076 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD

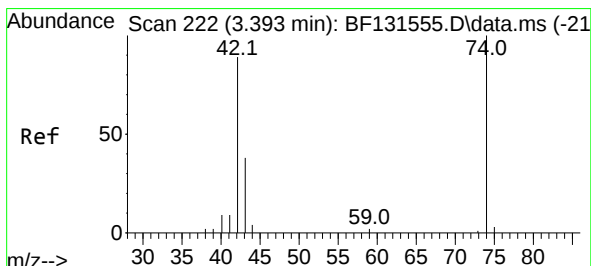
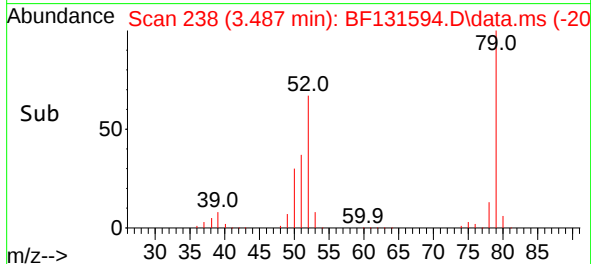
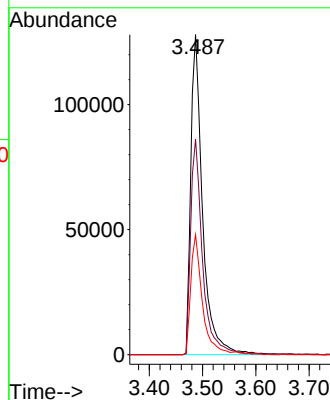
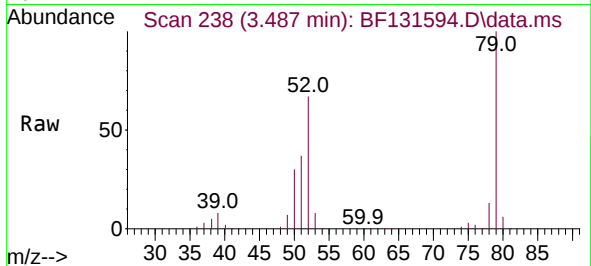
Tgt Ion: 79 Resp: 196915

Ion	Ratio	Lower	Upper
79	100		
52	67.4	55.0	82.6
51	37.5	31.4	47.2

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#4

n-Nitrosodimethylamine

Concen: 42.749 ng

RT: 3.457 min Scan# 233

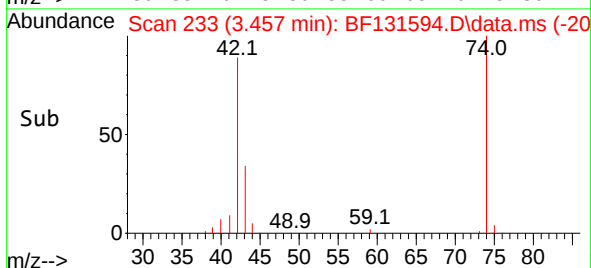
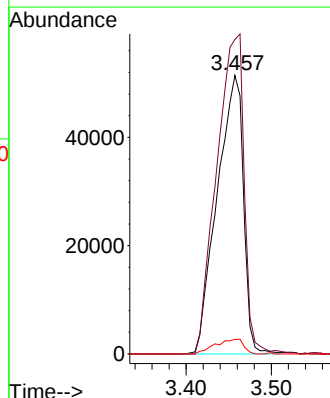
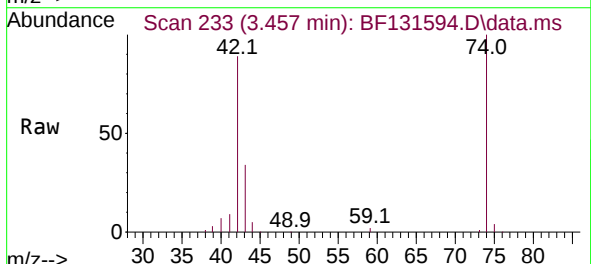
Delta R.T. 0.076 min

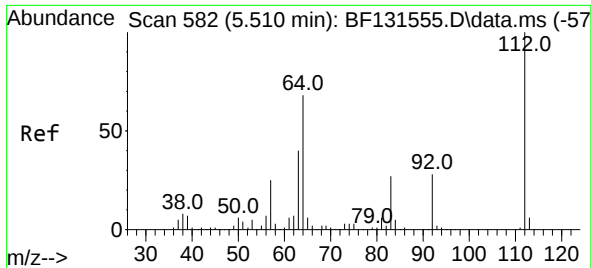
Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Tgt Ion: 42 Resp: 109878

Ion	Ratio	Lower	Upper
42	100		
74	112.9	90.2	135.2
44	5.2	3.7	5.5





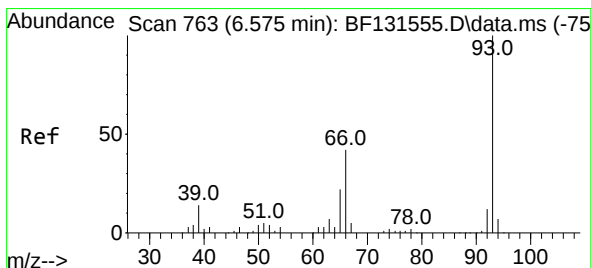
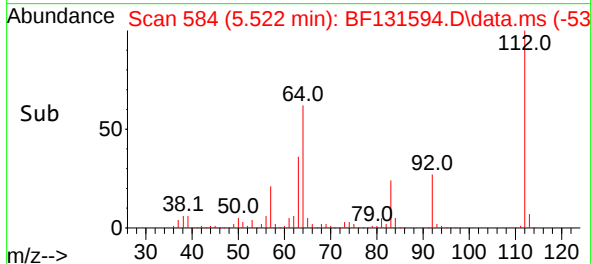
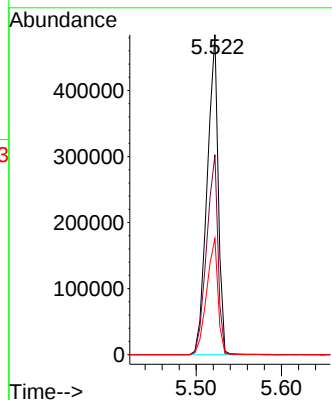
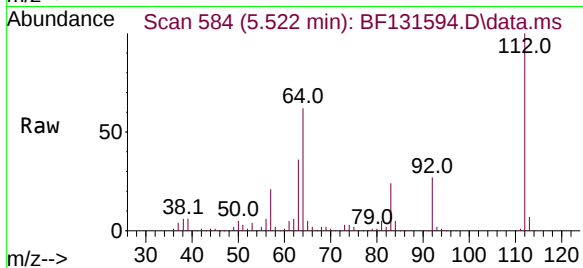
#5
2-Fluorophenol
Concen: 117.821 ng
RT: 5.522 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

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Tgt Ion:112 Resp: 43817
Ion Ratio Lower Upper
112 100
64 62.5 54.5 81.7
63 36.3 31.9 47.9

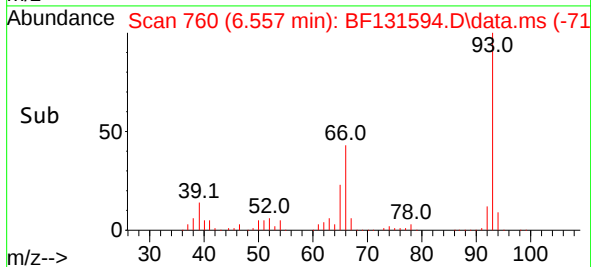
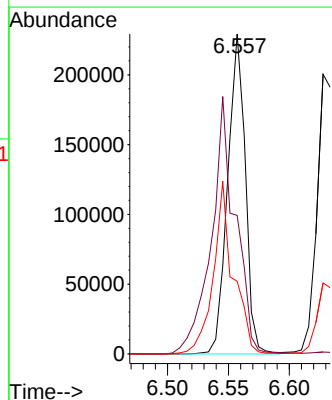
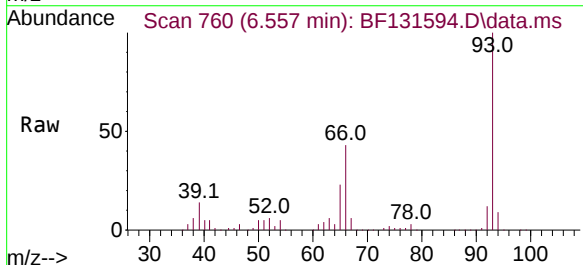
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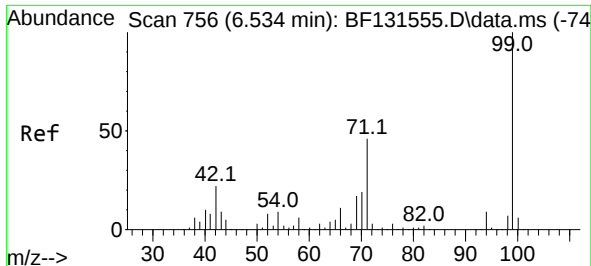
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#6
Aniline
Concen: 39.715 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion: 93 Resp: 231475
Ion Ratio Lower Upper
93 100
66 43.3 34.6 51.8
65 22.7 17.7 26.5





#7

Phenol-d6

Concen: 117.177 ng

RT: 6.534 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

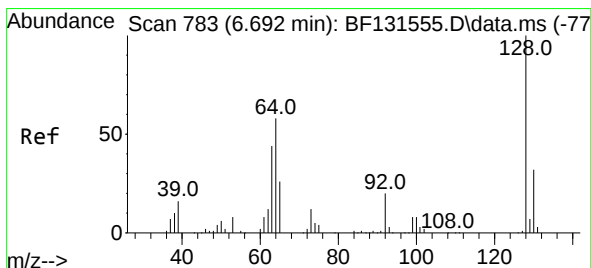
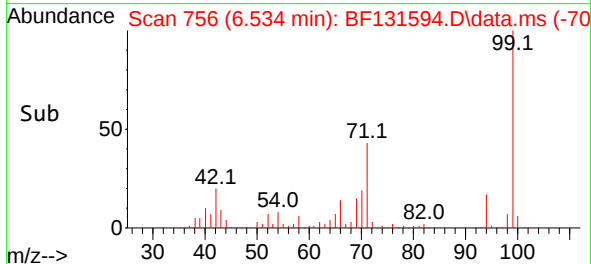
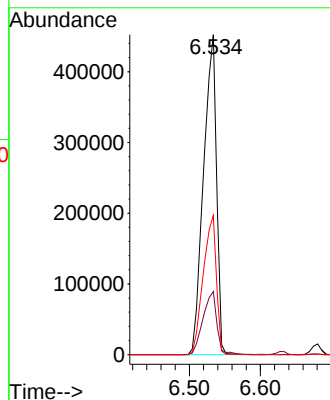
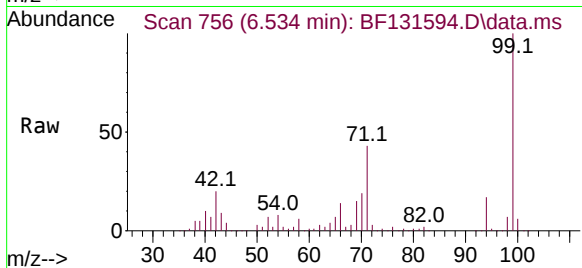
SU-518-COMP-05MSD

Tgt Ion: 99 Resp: 571053
 Ion Ratio Lower Upper
 99 100
 42 19.7 17.9 26.9
 71 43.5 37.2 55.8

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#8

2-Chlorophenol

Concen: 46.972 ng

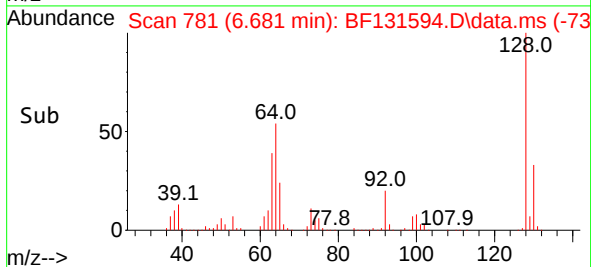
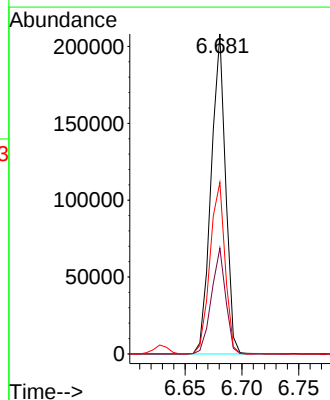
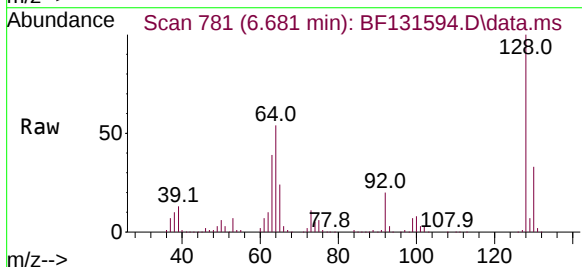
RT: 6.681 min Scan# 781

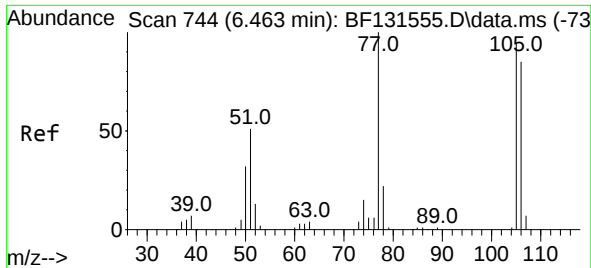
Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Tgt Ion:128 Resp: 185122
 Ion Ratio Lower Upper
 128 100
 130 33.1 11.6 51.6
 64 53.6 40.6 80.6





#9

Benzaldehyde

Concen: 30.689 ng

RT: 6.445 min Scan# 744

Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

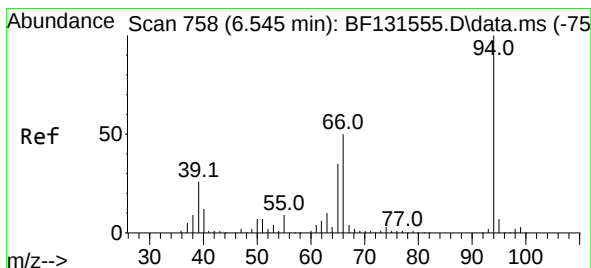
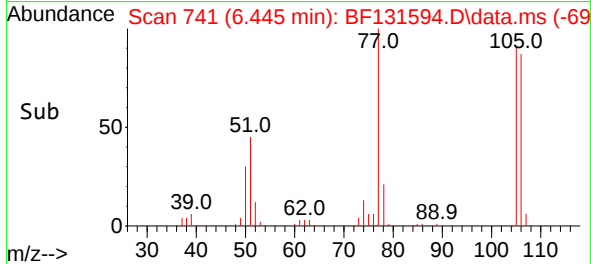
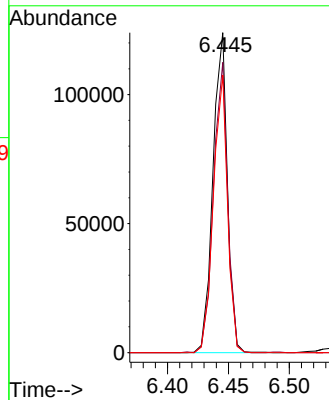
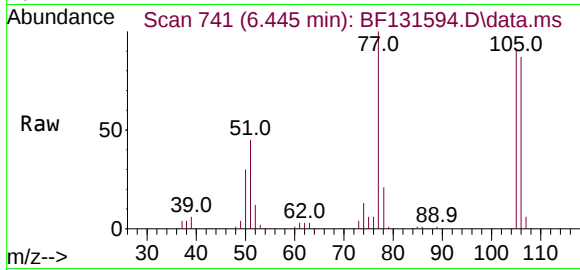
SU-518-COMP-05MSD

Tgt Ion: 77	Resp: 10245
Ion Ratio	Lower Upper
77 100	
105 90.7	73.8 113.8
106 86.7	65.2 105.2

Manual Integrations

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#10

Phenol

Concen: 48.921 ng m

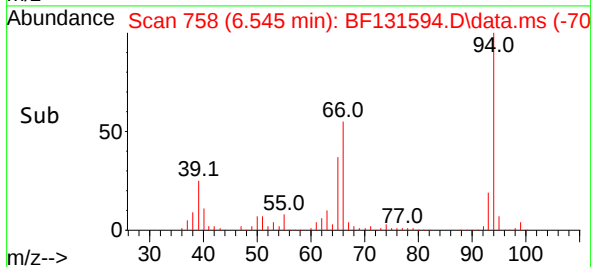
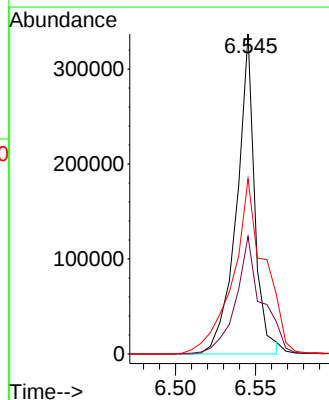
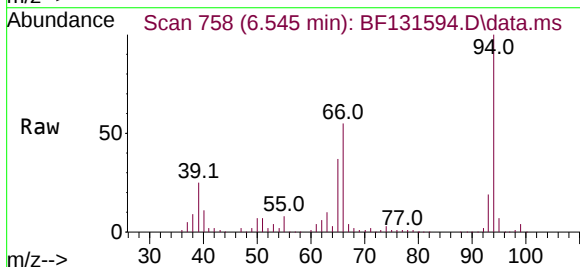
RT: 6.545 min Scan# 758

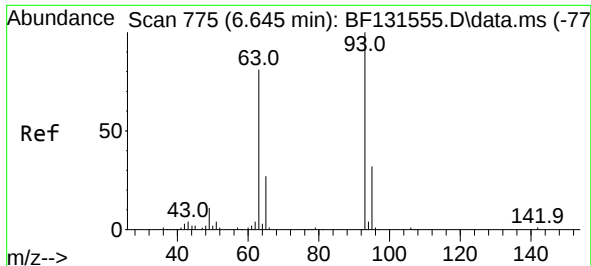
Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Tgt Ion: 94	Resp: 265934
Ion Ratio	Lower Upper
94 100	
65 36.7	14.8 54.8
66 54.7	30.8 70.8





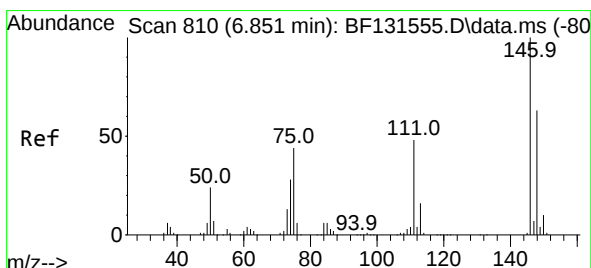
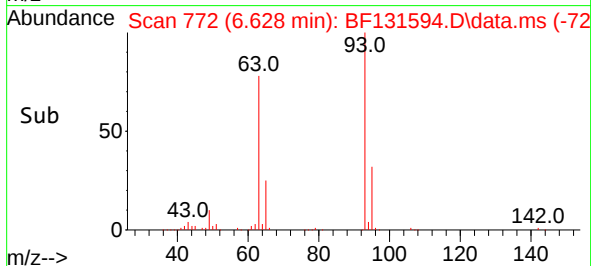
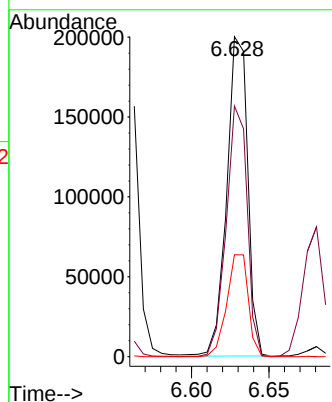
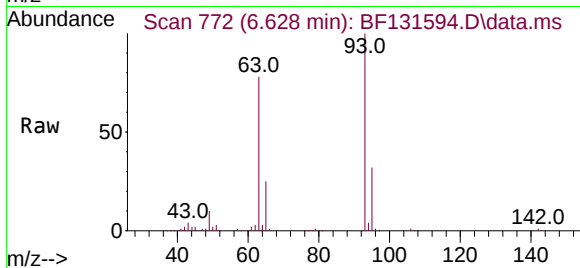
#11
bis(2-Chloroethyl)ether
Concen: 46.472 ng
RT: 6.628 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion: 93 Resp: 189362
Ion Ratio Lower Upper
93 100
63 78.3 60.4 100.4
95 31.9 12.3 52.3

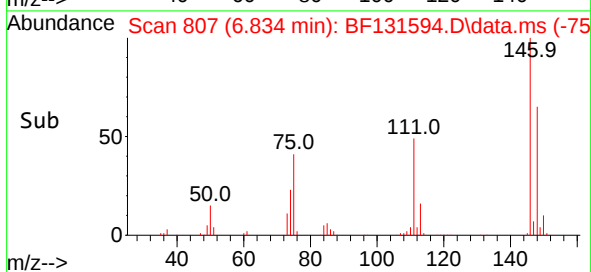
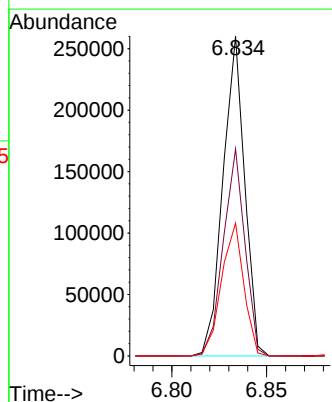
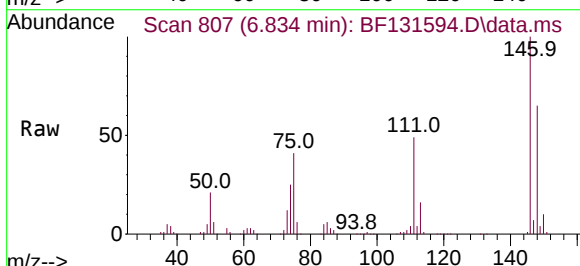
Manual Integrations
APPROVED

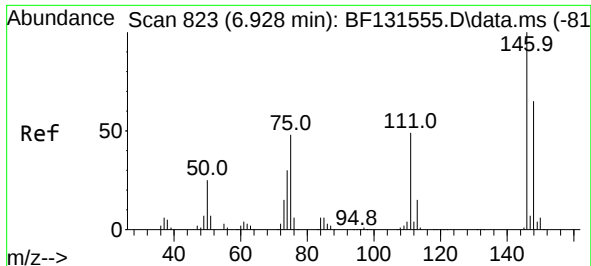
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#12
1,3-Dichlorobenzene
Concen: 45.328 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

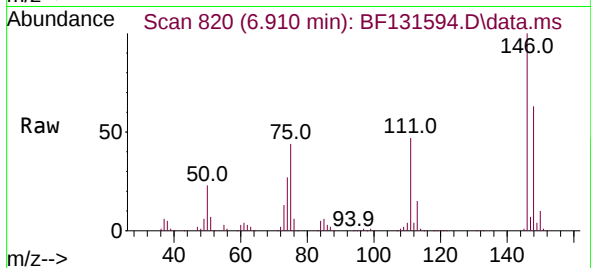
Tgt Ion:146 Resp: 207119
Ion Ratio Lower Upper
146 100
148 64.7 50.7 76.1
75 41.5 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 46.144 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

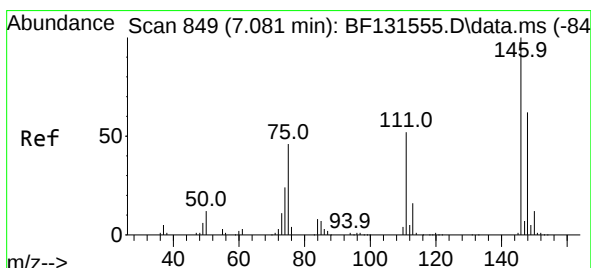
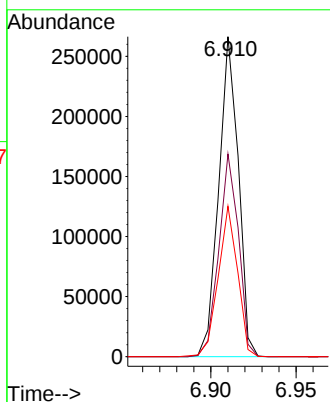
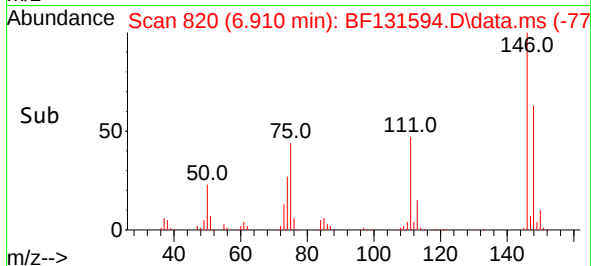
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



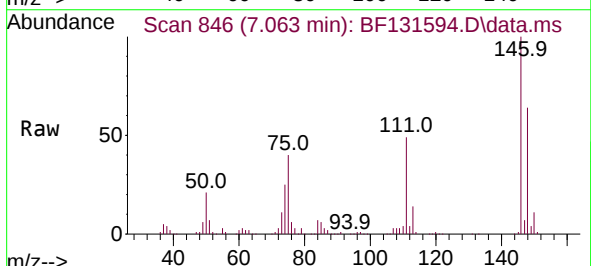
Tgt Ion:146 Resp: 212678
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
111 47.0 38.9 58.3

Manual Integrations
APPROVED

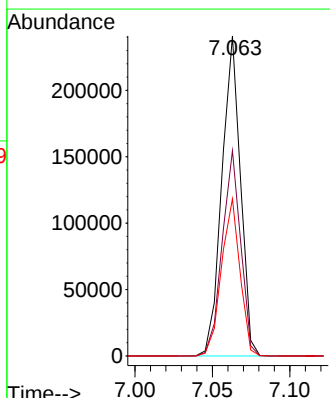
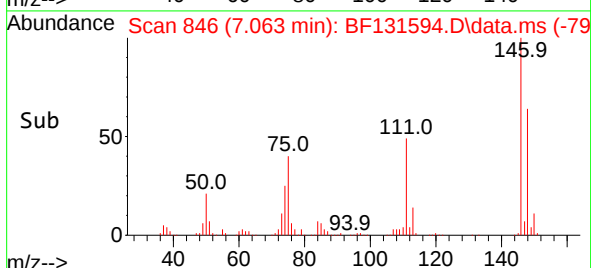
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

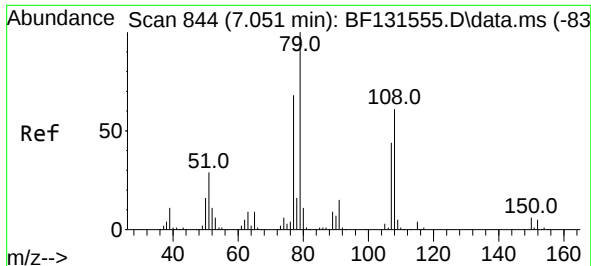


#14
1,2-Dichlorobenzene
Concen: 45.866 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



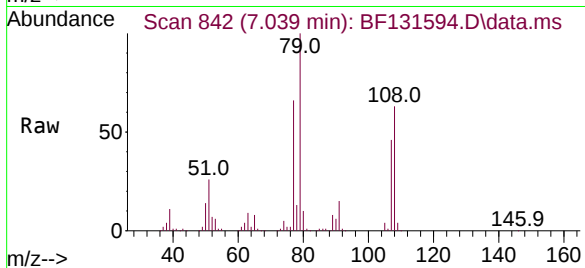
Tgt Ion:146 Resp: 201939
Ion Ratio Lower Upper
146 100
148 64.1 49.9 74.9
111 49.1 41.8 62.6





#15
Benzyl Alcohol
Concen: 45.600 ng
RT: 7.039 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

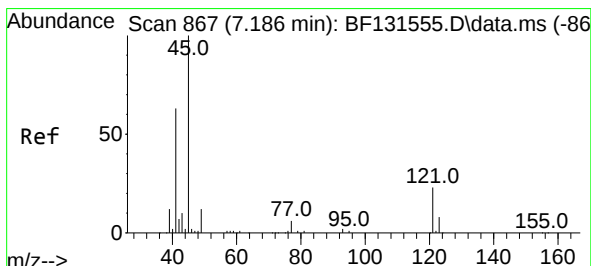
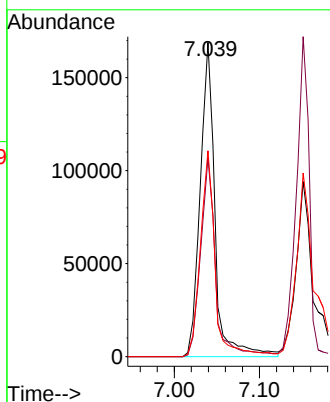
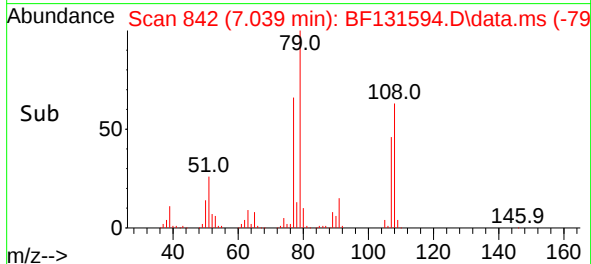
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion: 79 Resp: 203734
Ion Ratio Lower Upper
79 100
108 63.3 49.2 73.8
77 65.5 54.5 81.7

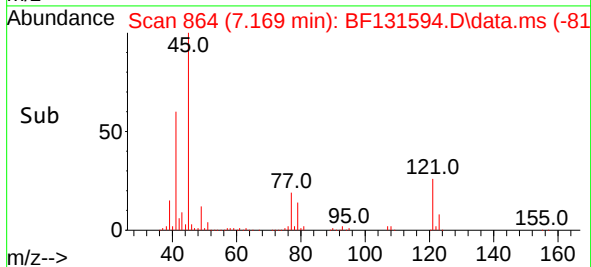
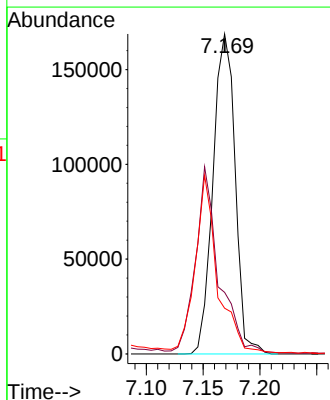
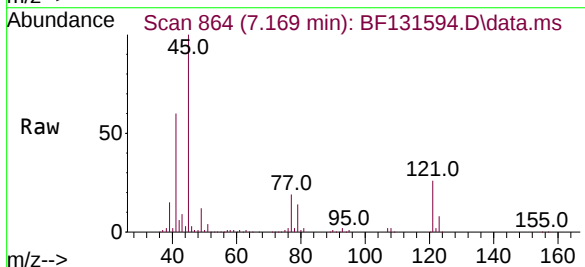
Manual Integrations
APPROVED

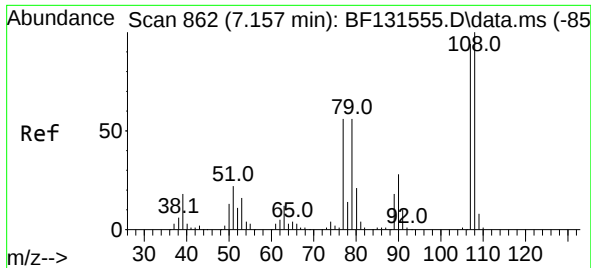
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.322 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

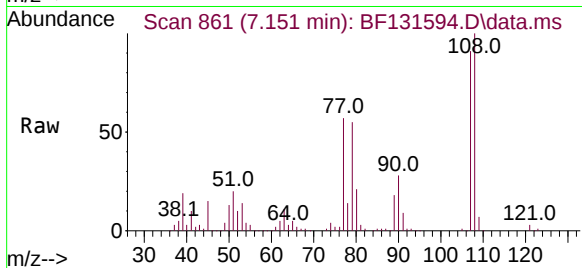
Tgt Ion: 45 Resp: 228032
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.7
79 14.3 0.0 33.6





#17
2-Methylphenol
Concen: 45.359 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

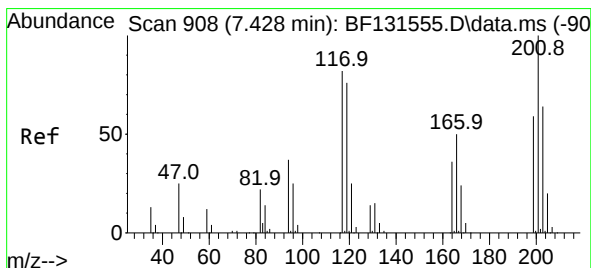
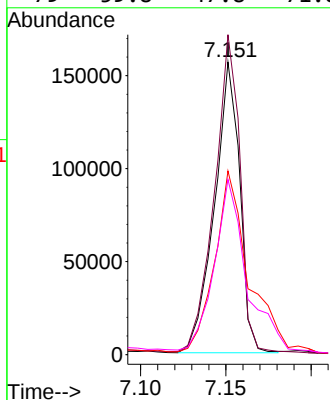
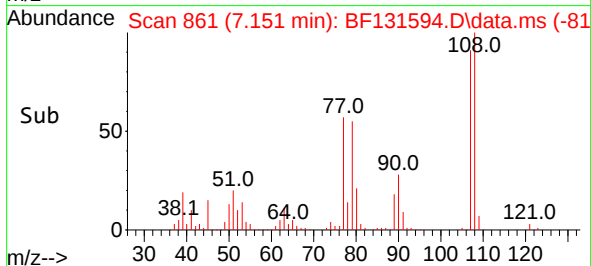
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:107 Resp: 161110
Ion Ratio Lower Upper
107 100
108 109.4 85.5 128.3
77 62.7 48.2 72.4
79 59.8 47.8 71.8

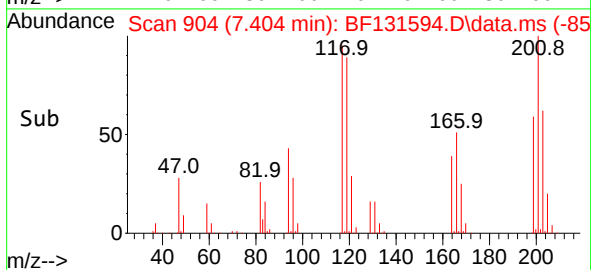
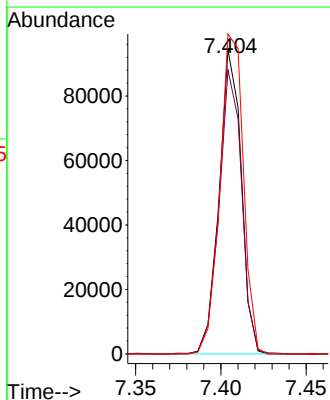
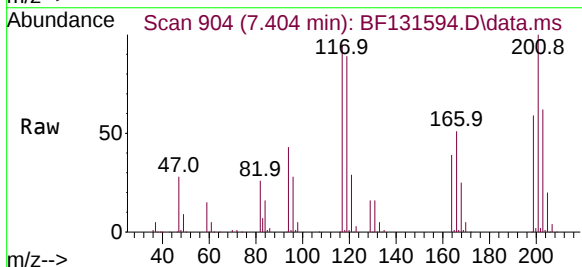
Manual Integrations
APPROVED

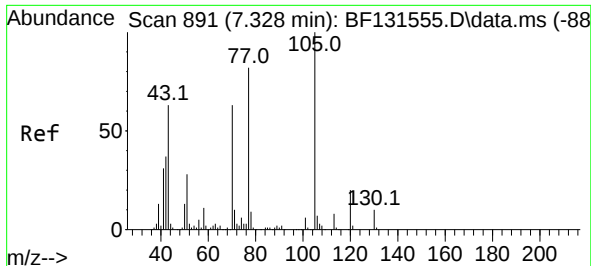
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#18
Hexachloroethane
Concen: 45.710 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion:117 Resp: 84986
Ion Ratio Lower Upper
117 100
119 93.4 75.0 112.4
201 105.2 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.019 ng

RT: 7.310 min Scan# 88

Delta R.T. -0.006 min

Lab File: BF131594.D

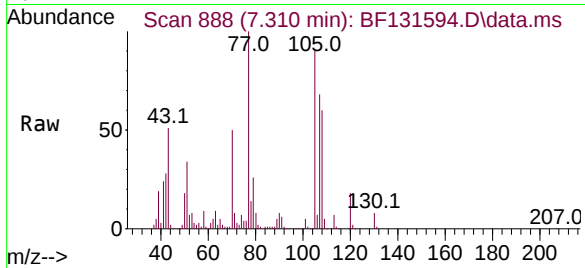
Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD



Tgt Ion: 70 Resp: 160860

Ion Ratio Lower Upper

70 100

42 57.4 46.4 69.6

101 9.8 7.2 10.8

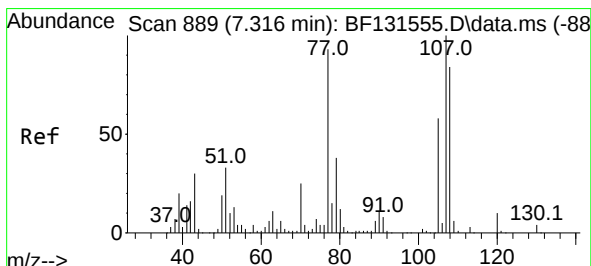
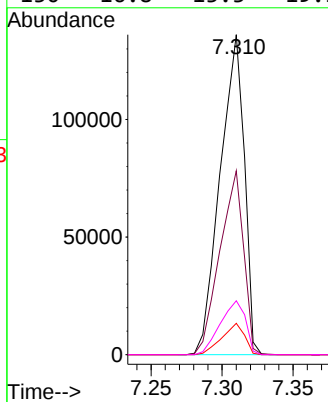
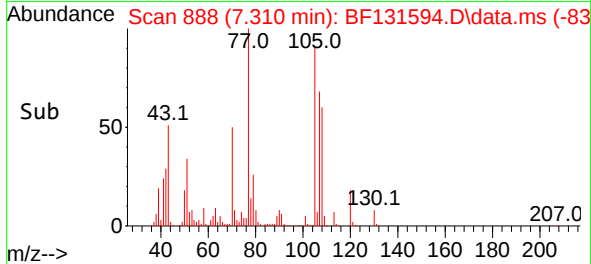
130 16.8 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#20

3+4-Methylphenols

Concen: 45.553 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Tgt Ion:107 Resp: 220379

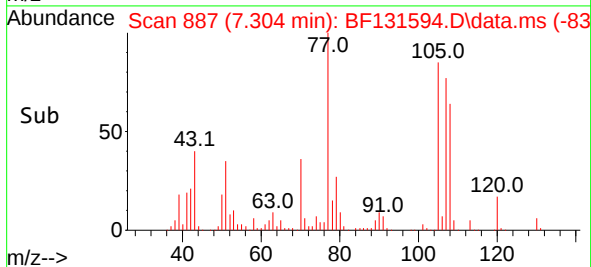
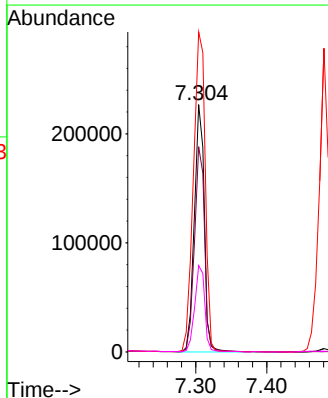
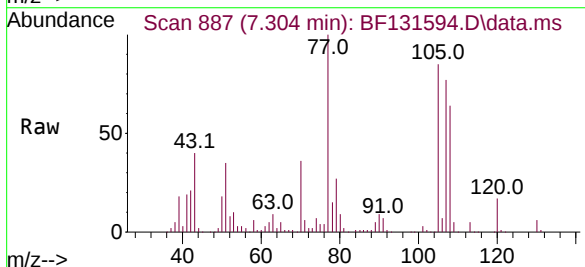
Ion Ratio Lower Upper

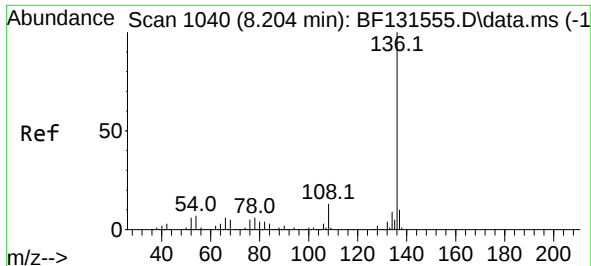
107 100

108 83.0 64.0 104.0

77 129.4 73.1 113.1#

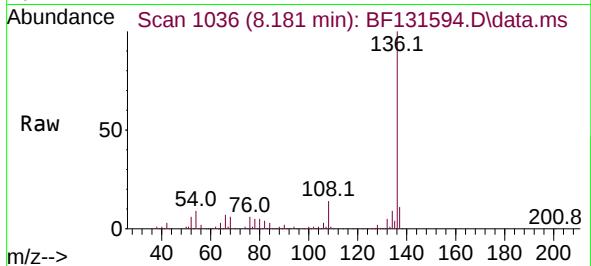
79 34.9 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

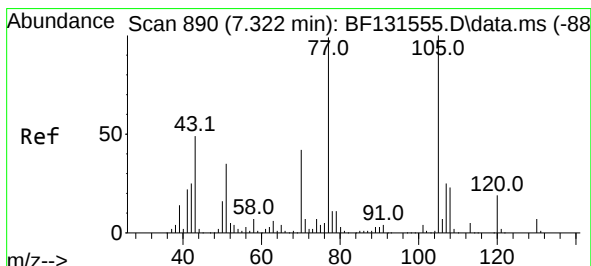
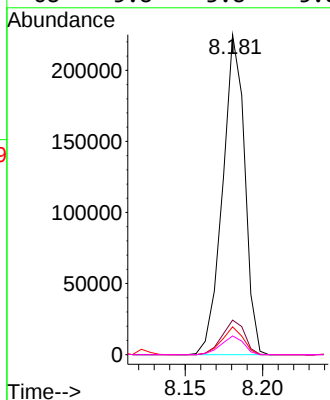
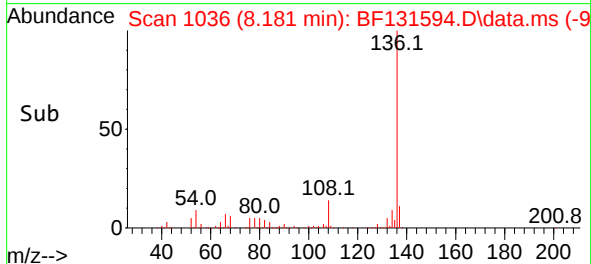
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:136 Resp: 223107
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.7 6.0 9.0
68 5.8 3.8 5.8#

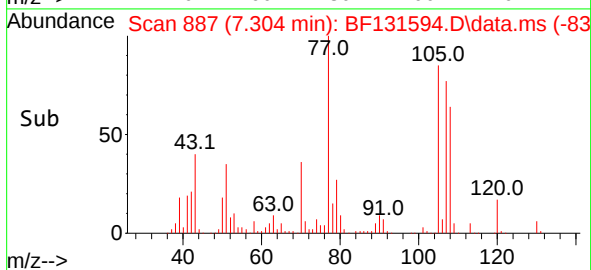
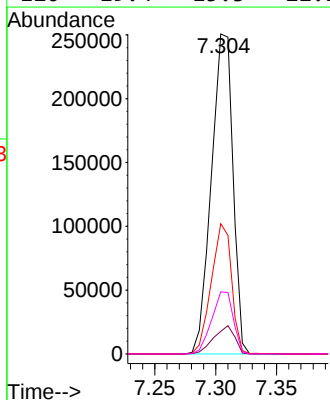
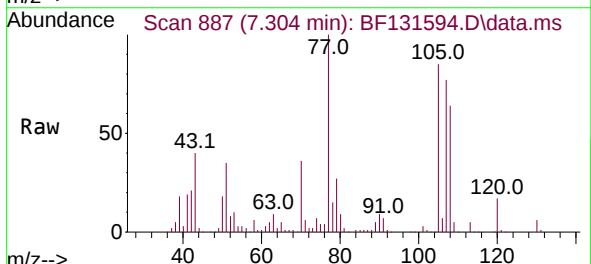
Manual Integrations
APPROVED

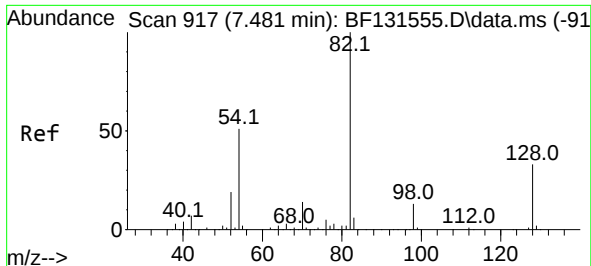
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#22
Acetophenone
Concen: 44.119 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion:105 Resp: 308462
Ion Ratio Lower Upper
105 100
71 7.0 5.4 8.0
51 40.7 27.8 41.6
120 19.4 15.3 22.9





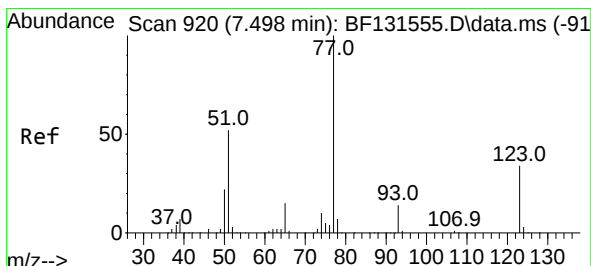
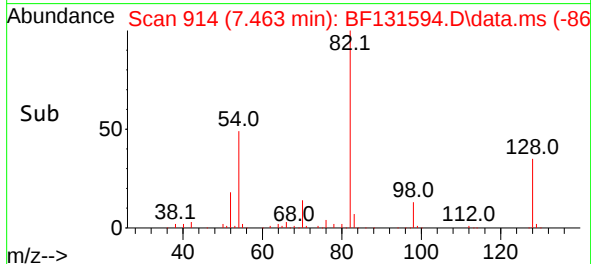
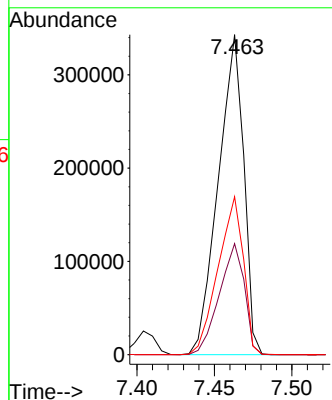
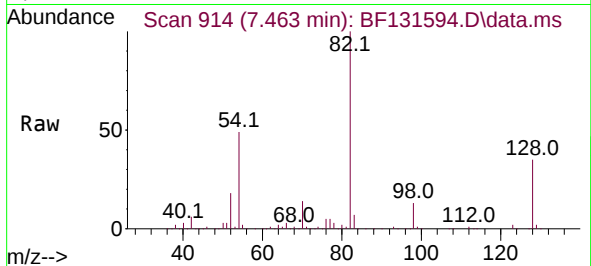
#23
Nitrobenzene-d5
Concen: 66.194 ng
RT: 7.463 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion: 82 Resp: 390625
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 49.3 40.6 60.8

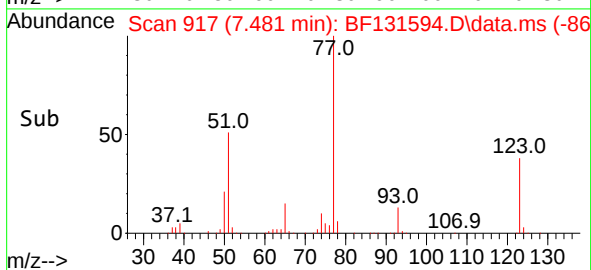
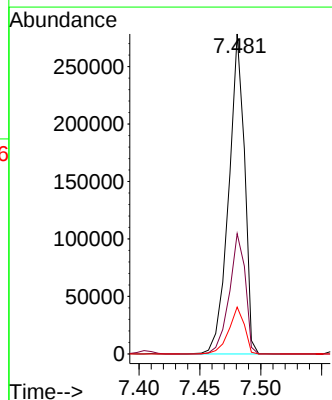
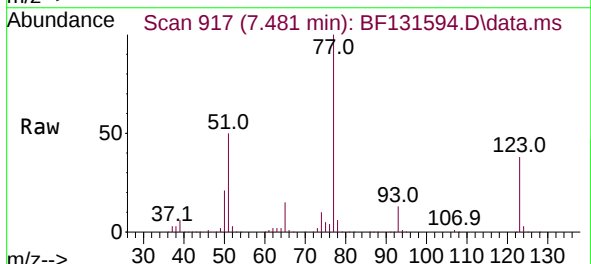
Manual Integrations
APPROVED

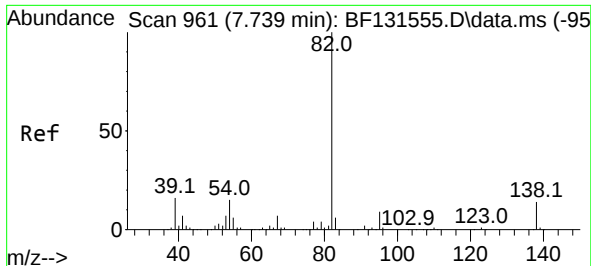
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#24
Nitrobenzene
Concen: 42.108 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion: 77 Resp: 250623
Ion Ratio Lower Upper
77 100
123 37.6 27.1 40.7
65 14.6 11.9 17.9





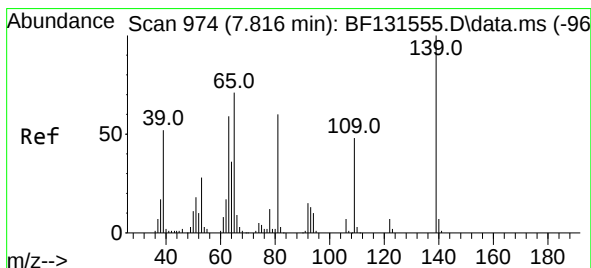
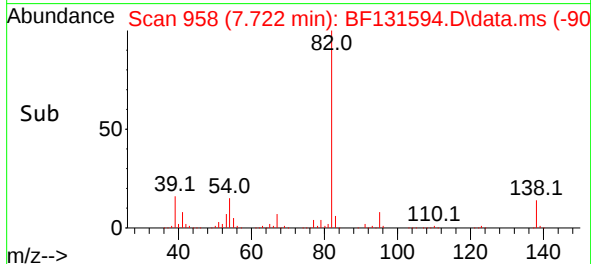
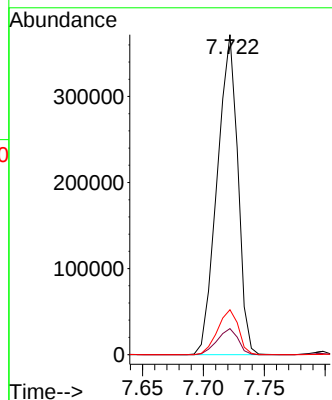
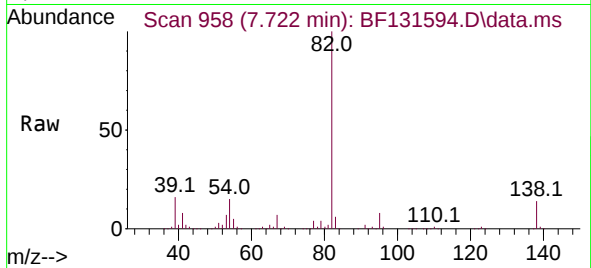
#25
Isophorone
Concen: 46.066 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion: 82 Resp: 437879
Ion Ratio Lower Upper
82 100
95 8.1 6.9 10.3
138 14.0 11.4 17.0

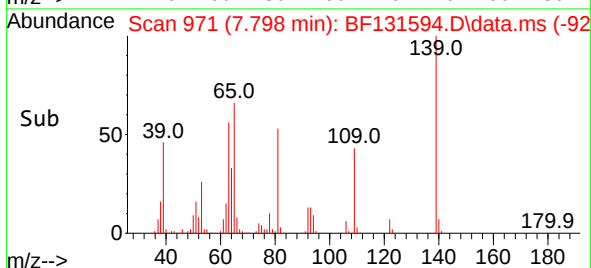
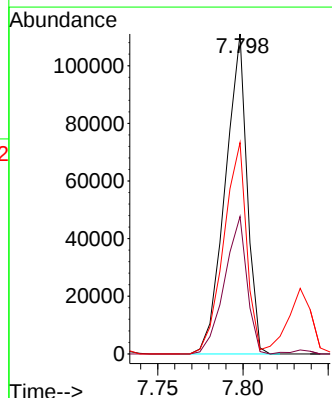
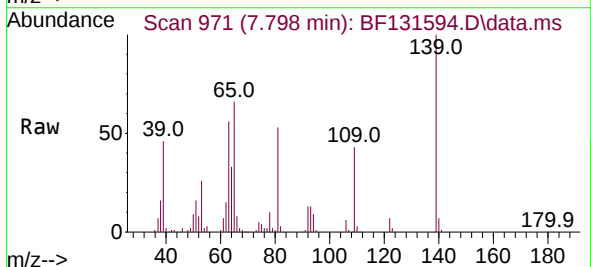
Manual Integrations
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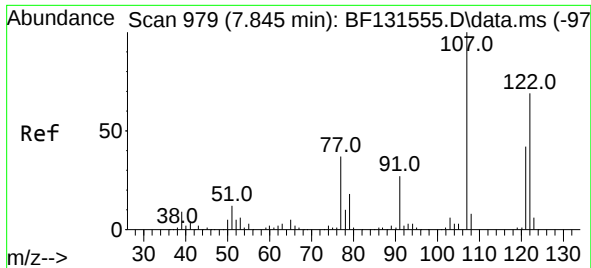
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#26
2-Nitrophenol
Concen: 48.762 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion:139 Resp: 98972
Ion Ratio Lower Upper
139 100
109 42.9 38.6 58.0
65 66.0 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 53.789 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD

Tgt Ion:122 Resp: 167339

Ion Ratio Lower Upper

122 100

107 141.2 114.2 171.2

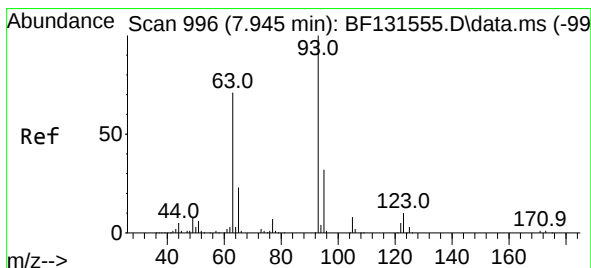
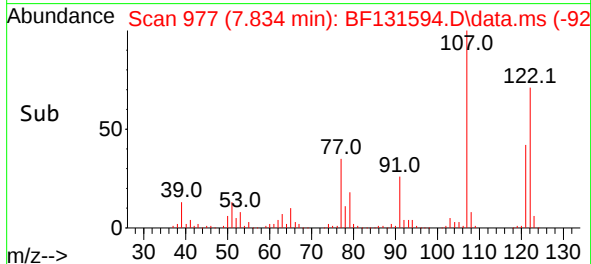
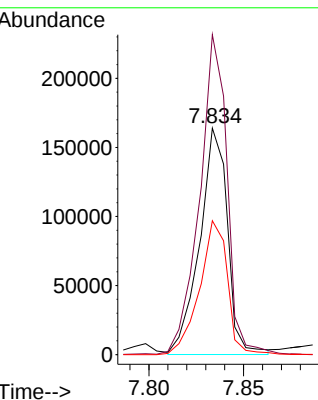
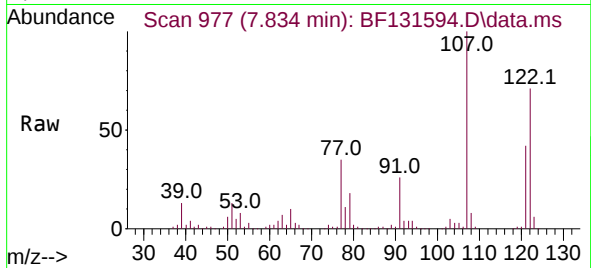
121 59.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.103 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

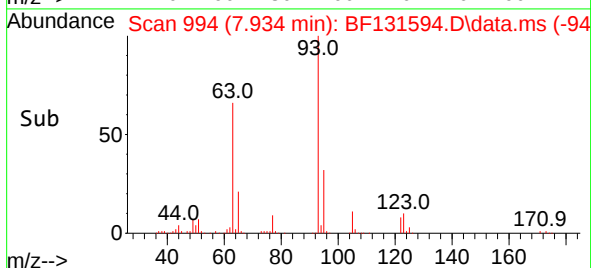
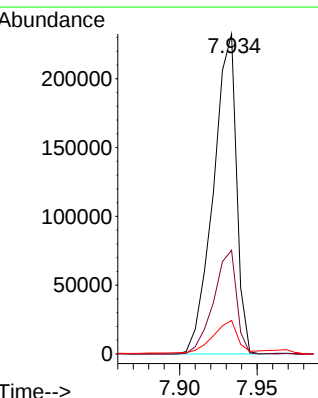
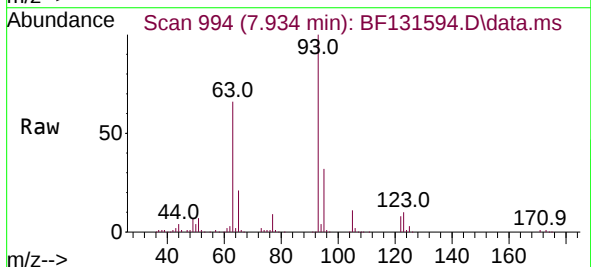
Tgt Ion: 93 Resp: 241452

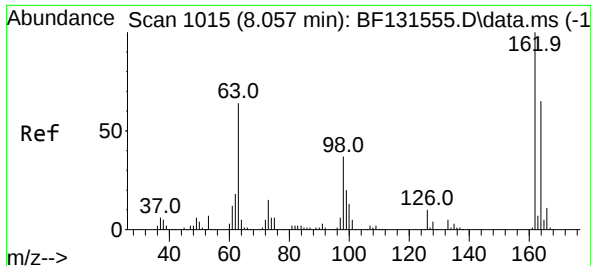
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 44.501 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF131594.D

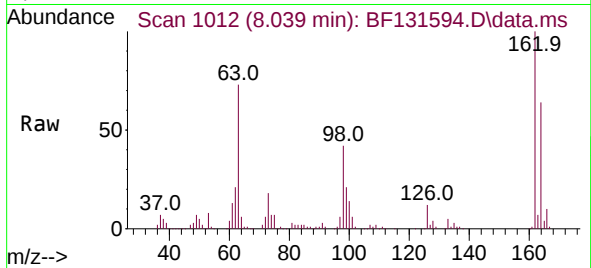
Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD



Tgt Ion:162 Resp: 171182

Ion Ratio Lower Upper

162 100

164 63.7 45.0 85.0

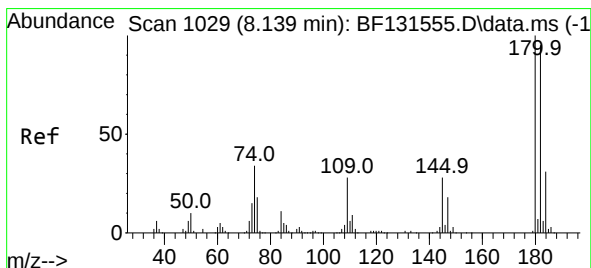
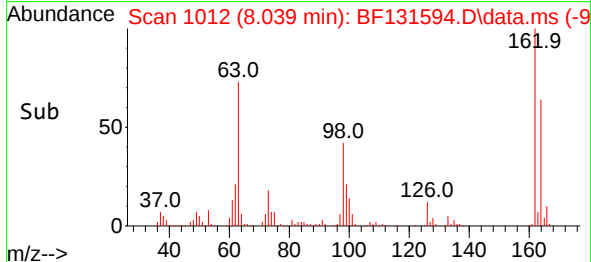
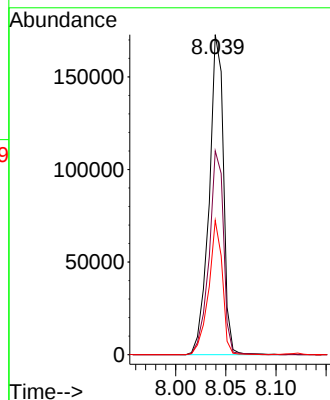
98 41.9 16.6 56.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.837 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

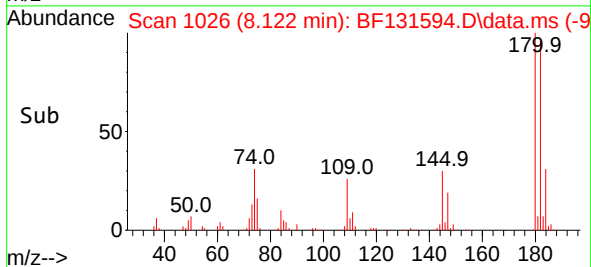
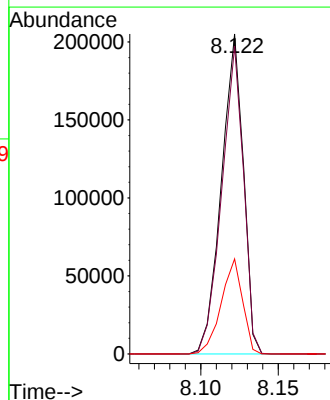
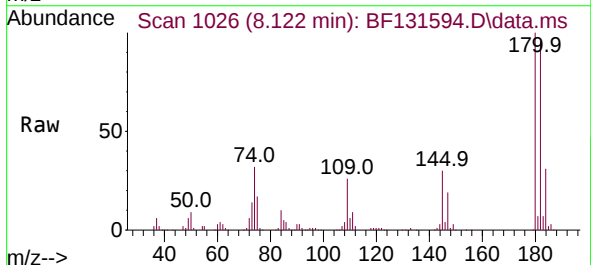
Tgt Ion:180 Resp: 202080

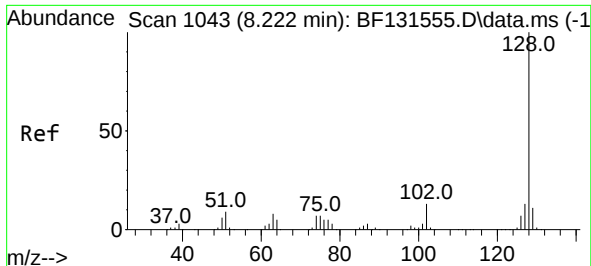
Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.6

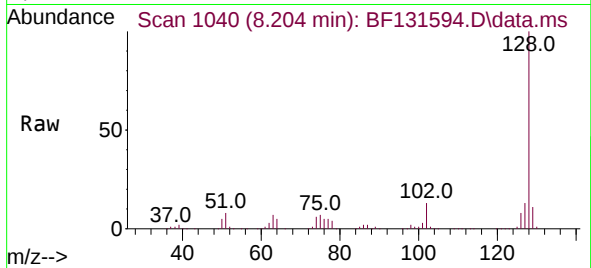
145 29.7 22.4 33.6





#31
Naphthalene
Concen: 42.290 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

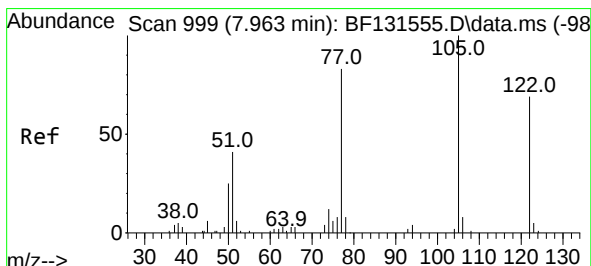
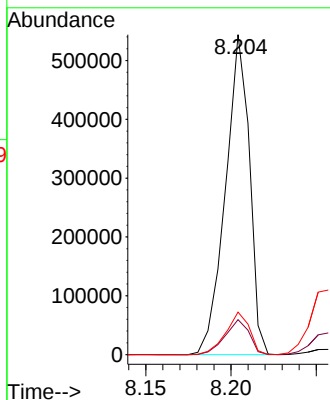
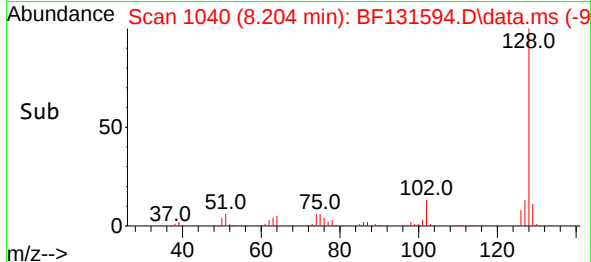
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



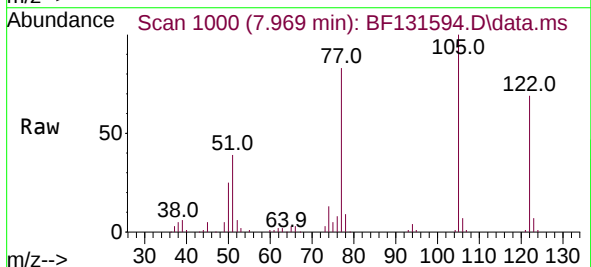
Tgt Ion:128 Resp: 531422
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.6 15.8

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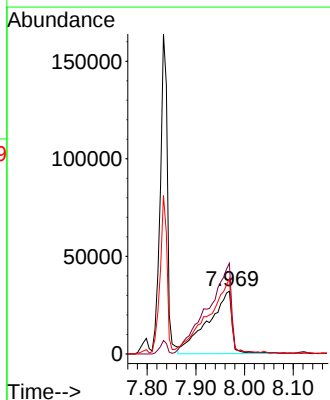
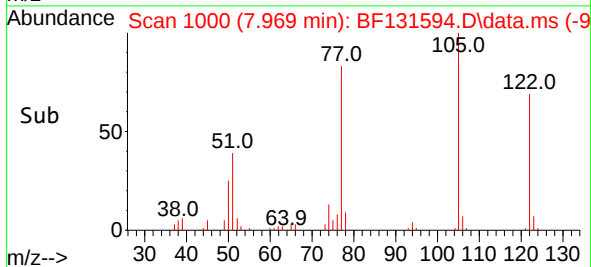
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

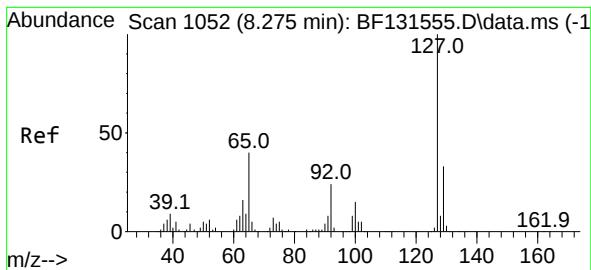


#32
Benzoic acid
Concen: 48.915 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:122 Resp: 110208
Ion Ratio Lower Upper
122 100
105 144.9 119.8 159.8
77 120.4 97.6 137.6





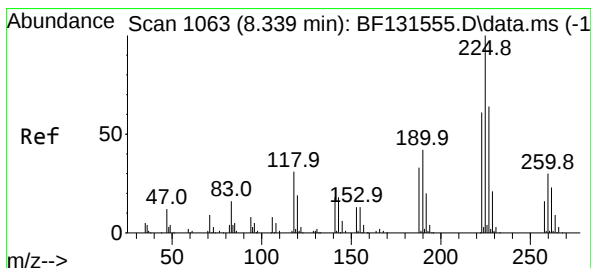
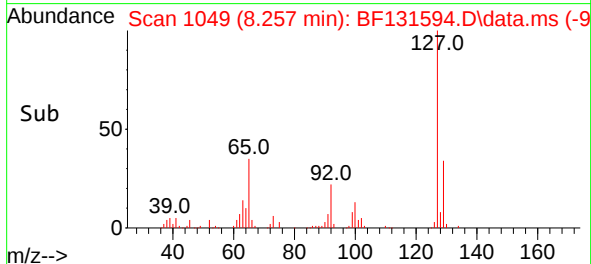
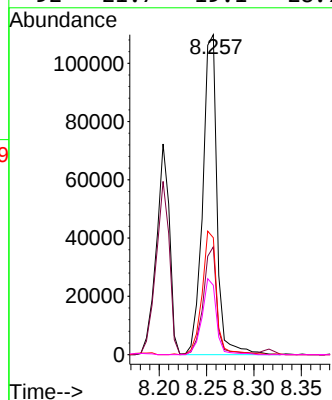
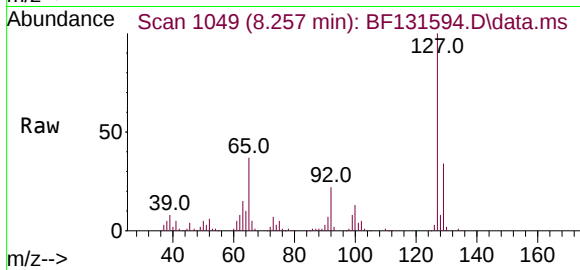
#33
4-Chloroaniline
Concen: 24.591 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion:127 Resp: 115830
Ion Ratio Lower Upper
127 100
129 33.7 26.4 39.6
65 36.5 31.9 47.9
92 21.7 19.1 28.7

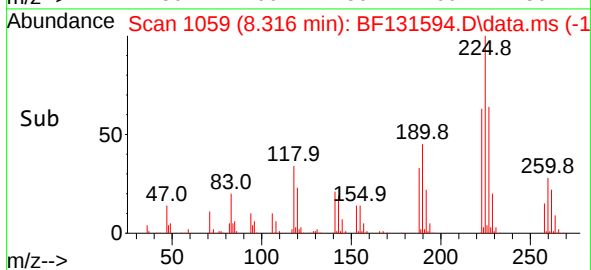
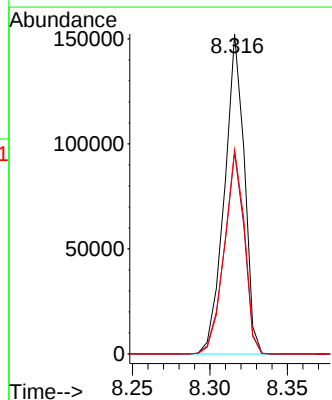
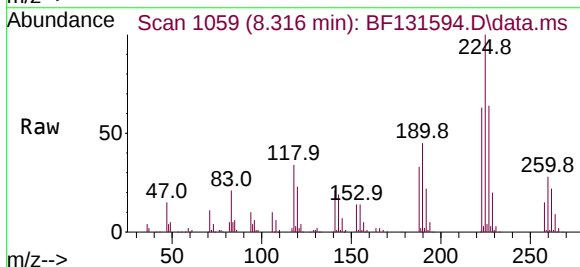
Manual Integrations
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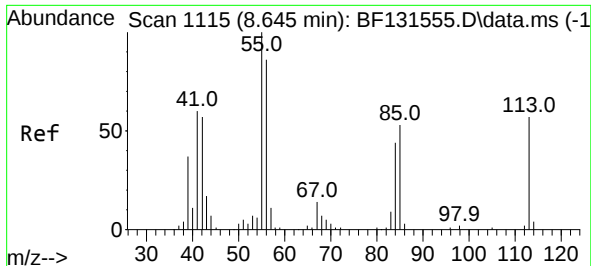
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#34
Hexachlorobutadiene
Concen: 40.784 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

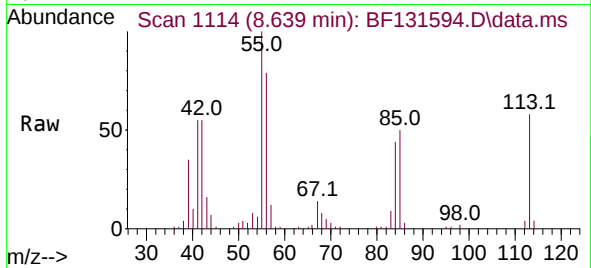
Tgt Ion:225 Resp: 135592
Ion Ratio Lower Upper
225 100
223 63.0 48.7 73.1
227 63.9 51.0 76.6





#35
Caprolactam
Concen: 48.665 ng m
RT: 8.639 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

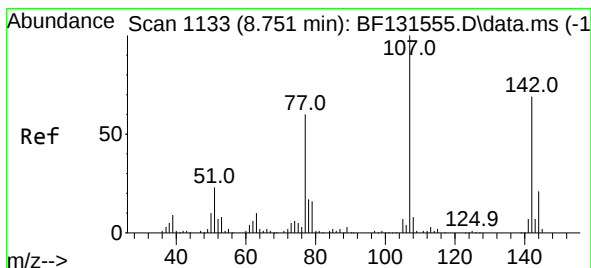
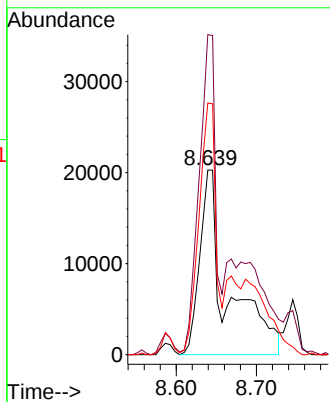
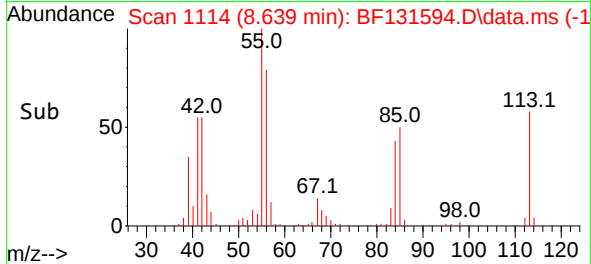
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:113 Resp: 48425
Ion Ratio Lower Upper
113 100
55 173.4 155.8 195.8
56 136.3 131.7 171.7

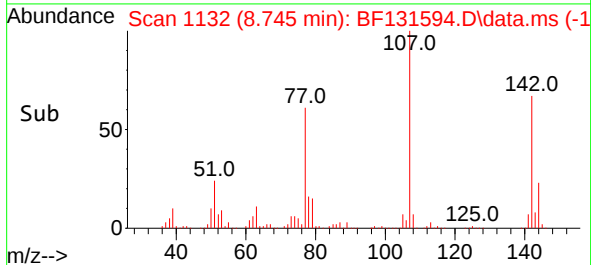
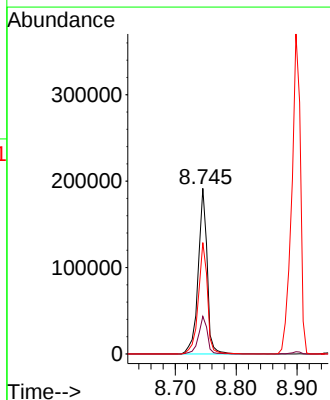
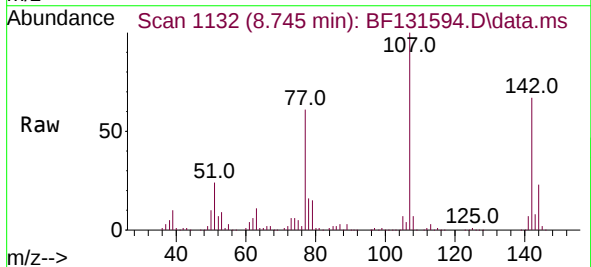
Manual Integrations
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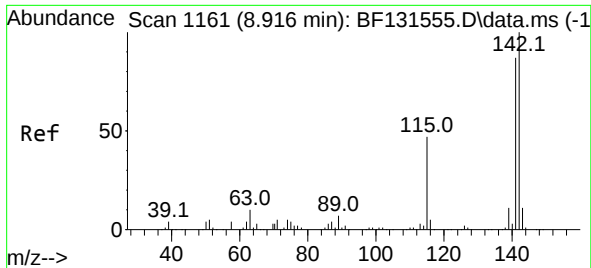
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#36
4-Chloro-3-methylphenol
Concen: 45.094 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion:107 Resp: 194783
Ion Ratio Lower Upper
107 100
144 22.7 17.0 25.4
142 67.3 54.8 82.2





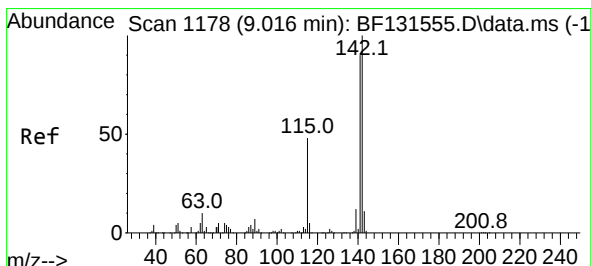
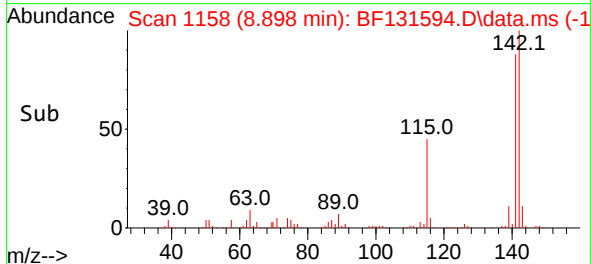
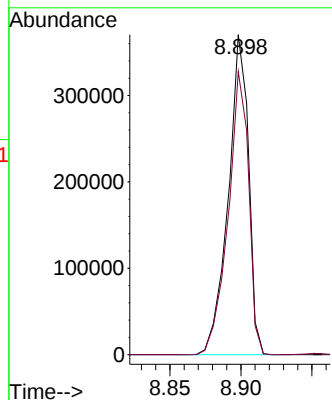
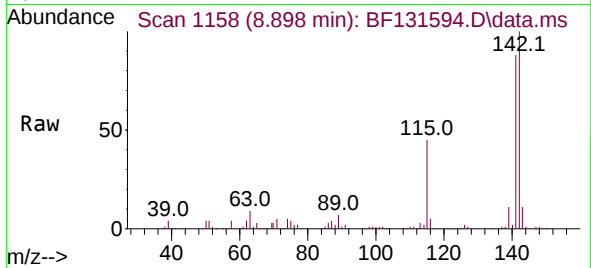
#37
2-Methylnaphthalene
Concen: 42.780 ng
RT: 8.898 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion:142 Resp: 367643
Ion Ratio Lower Upper
142 100
141 88.4 69.7 104.5

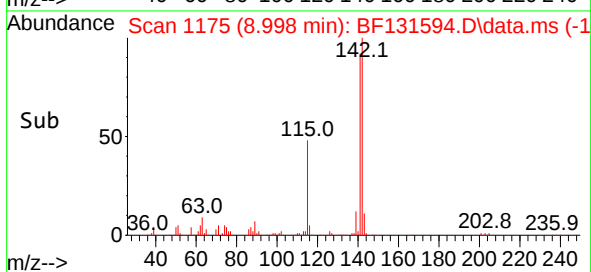
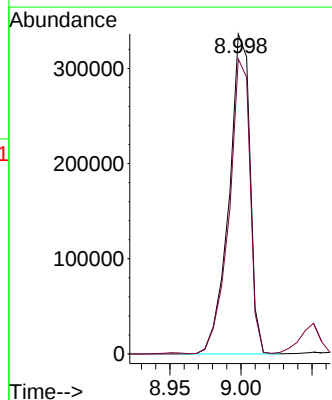
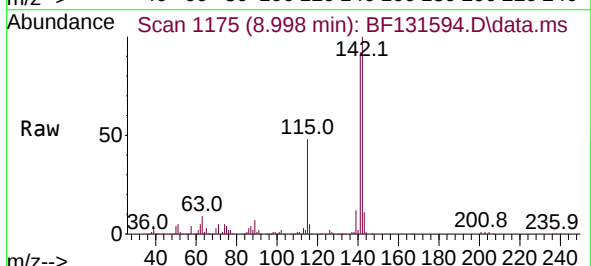
Manual Integrations
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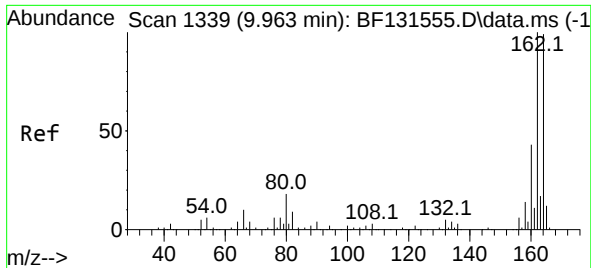
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#38
1-Methylnaphthalene
Concen: 41.985 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

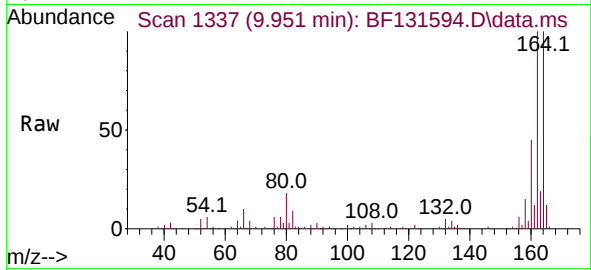
Tgt Ion:142 Resp: 346365
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

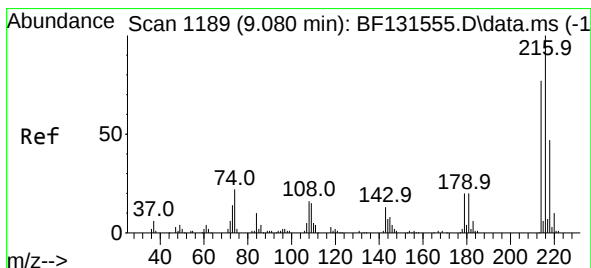
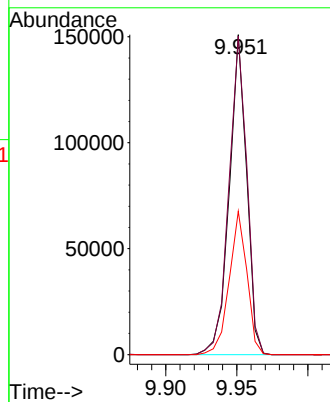
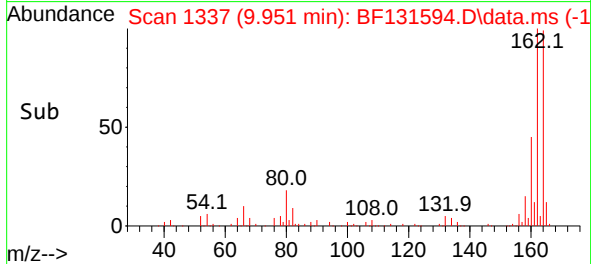
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:164 Resp: 128415
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.6
160 44.8 35.0 52.6

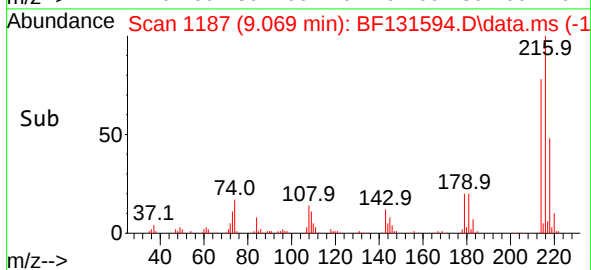
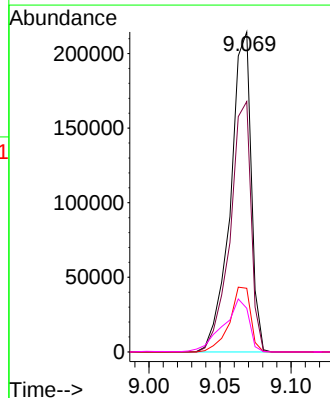
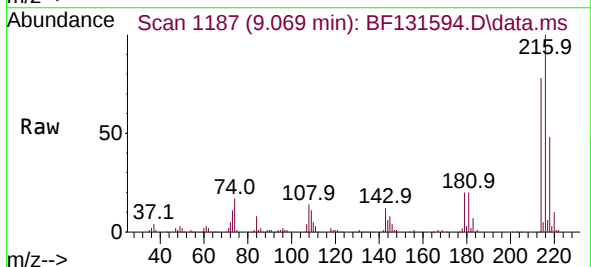
Manual Integrations
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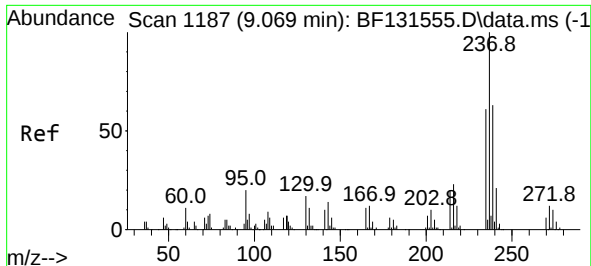
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.667 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

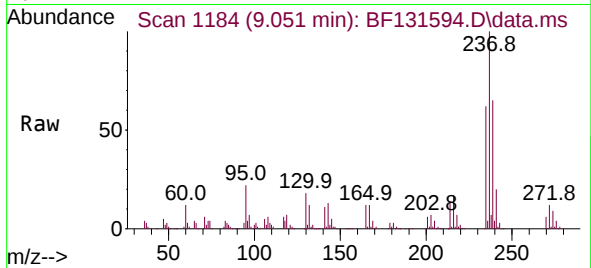
Tgt Ion:216 Resp: 217083
Ion Ratio Lower Upper
216 100
214 78.8 62.1 93.1
179 20.5 16.0 24.0
108 20.3 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 110.503 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

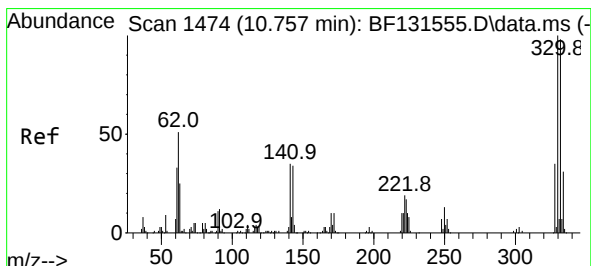
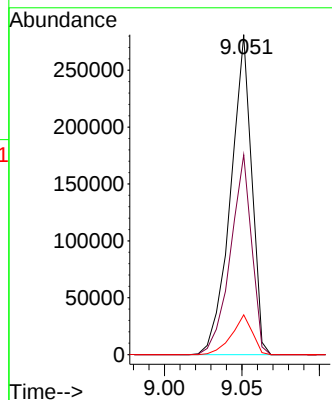
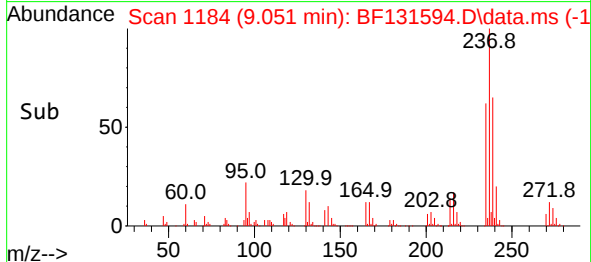
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



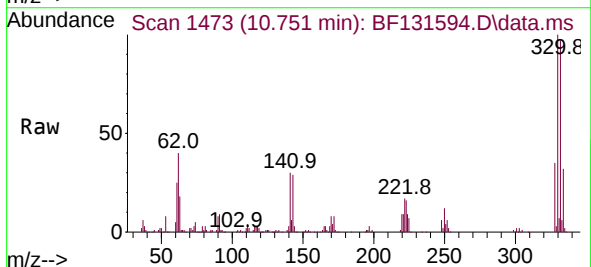
Tgt Ion:237 Resp: 266625
Ion Ratio Lower Upper
237 100
235 62.4 40.6 80.6
272 12.4 0.0 32.2

Manual Integrations
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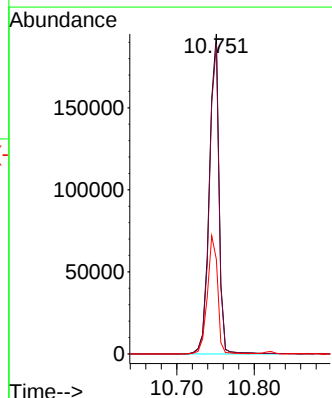
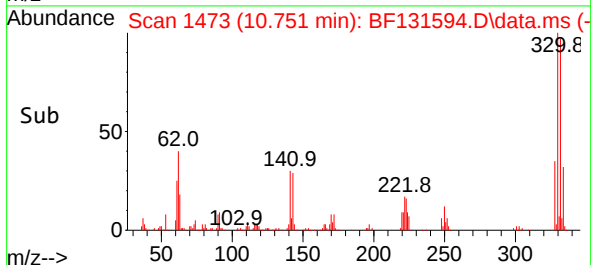
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

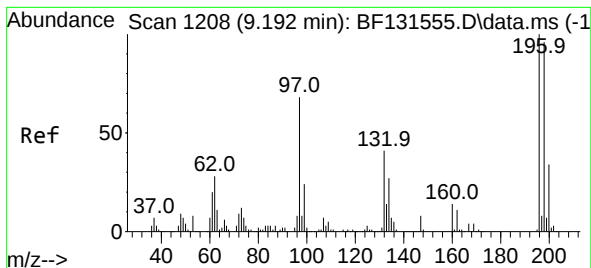


#42
2,4,6-Tribromophenol
Concen: 118.134 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:330 Resp: 168545
Ion Ratio Lower Upper
330 100
332 96.8 78.3 117.5
141 38.8 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 46.131 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF131594.D

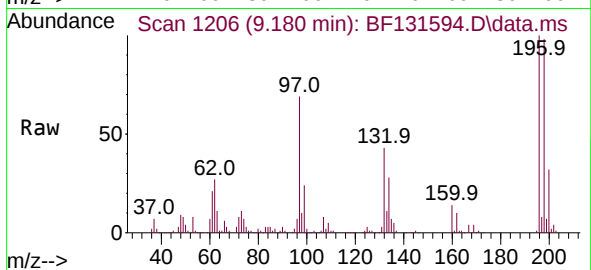
Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD



Tgt Ion:196 Resp: 135638

Ion Ratio Lower Upper

196 100

198 97.7 76.9 115.3

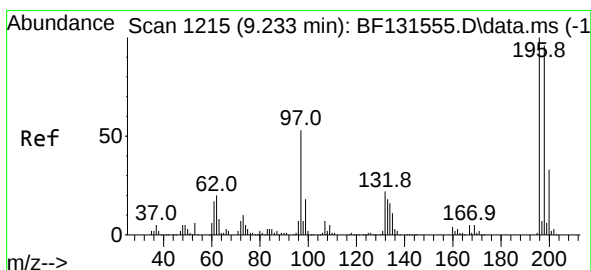
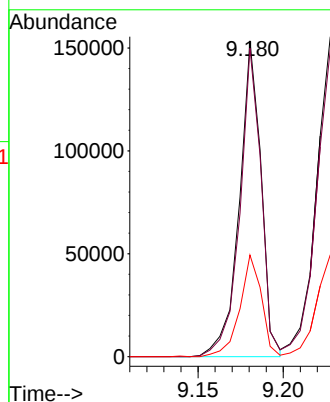
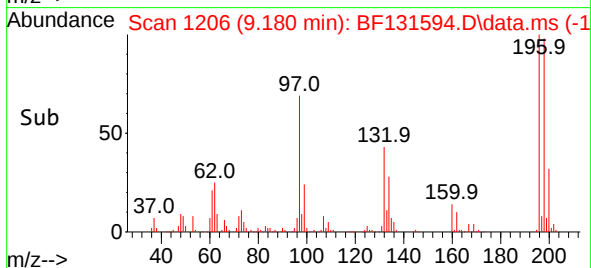
200 32.1 26.9 40.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#44

2,4,5-Trichlorophenol

Concen: 44.780 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Tgt Ion:196 Resp: 141599

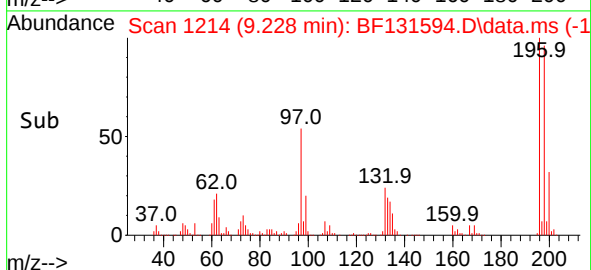
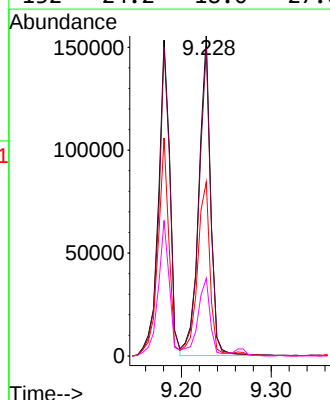
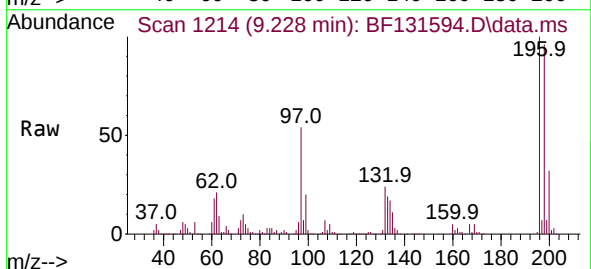
Ion Ratio Lower Upper

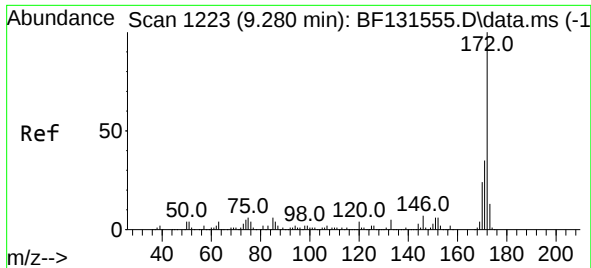
196 100

198 96.0 77.2 115.8

97 54.3 42.2 63.2

132 24.2 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 65.713 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD

Tgt Ion:172 Resp: 669263

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

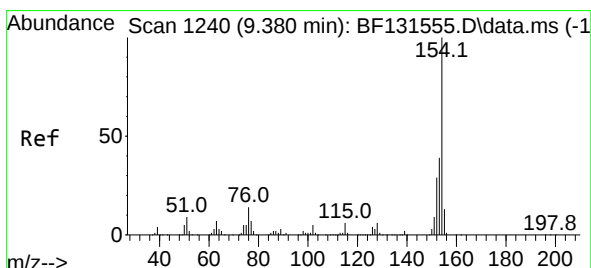
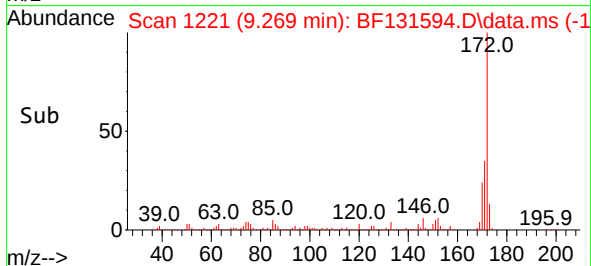
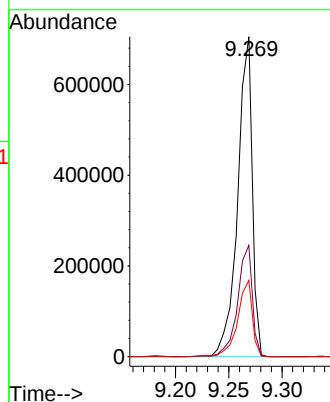
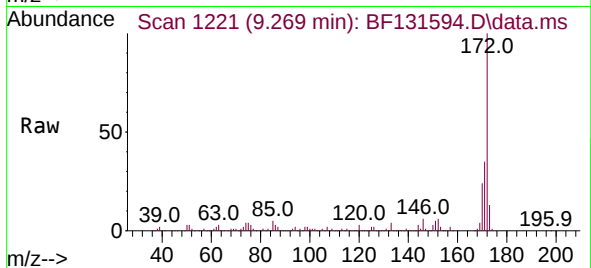
170 23.8 19.3 28.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#46

1,1'-Biphenyl

Concen: 46.450 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

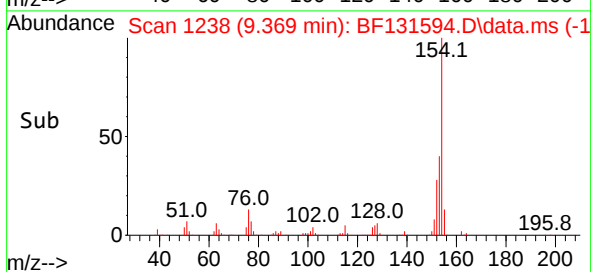
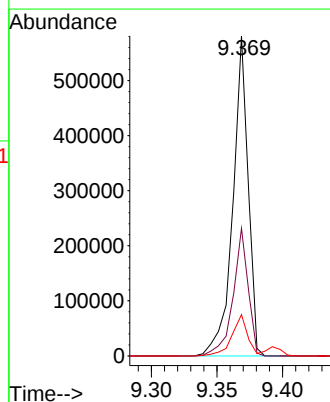
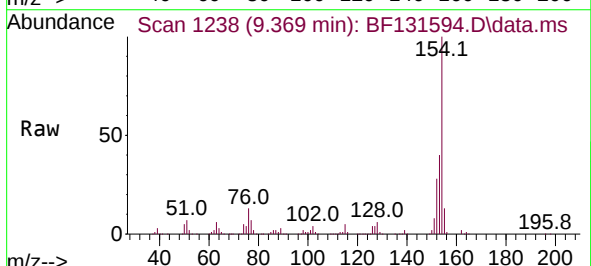
Tgt Ion:154 Resp: 471619

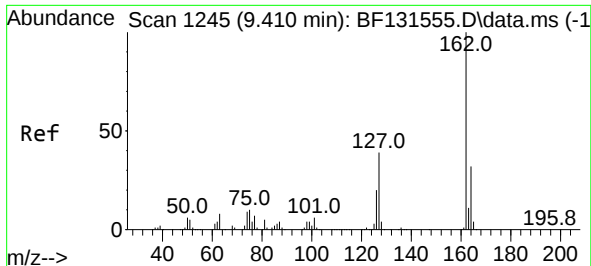
Ion Ratio Lower Upper

154 100

153 39.9 19.4 59.4

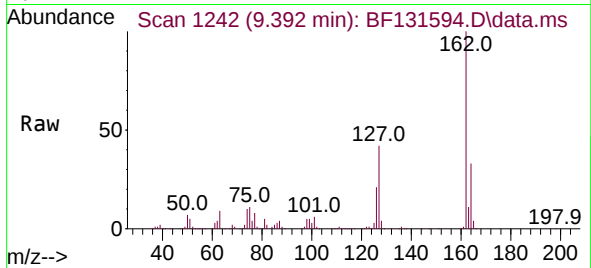
76 12.9 0.0 34.0





#47
2-Chloronaphthalene
Concen: 45.378 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

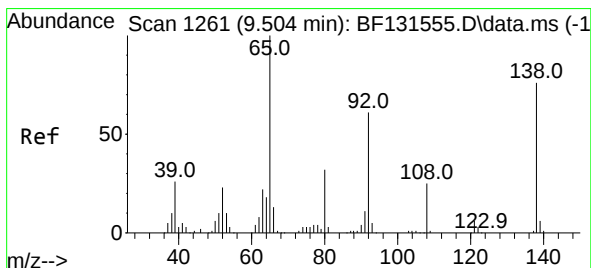
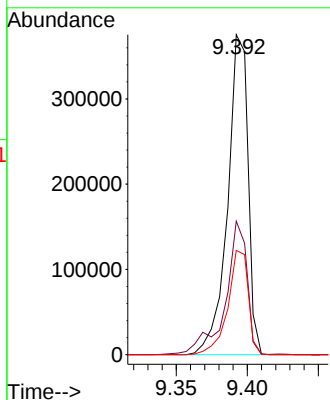
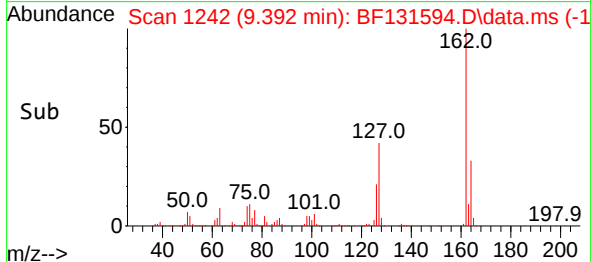
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:162 Resp: 37538
Ion Ratio Lower Upper
162 100
127 41.7 31.4 47.2
164 32.6 25.8 38.8

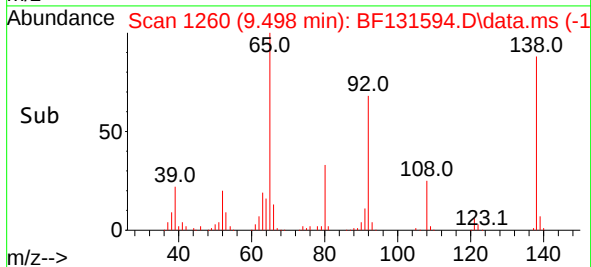
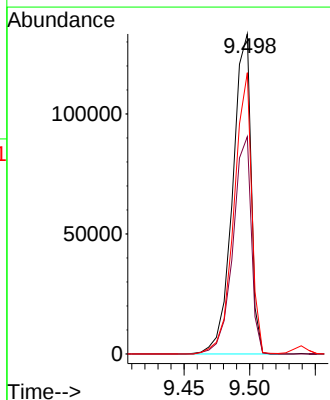
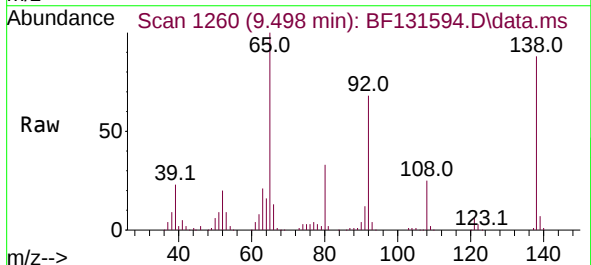
Manual Integrations
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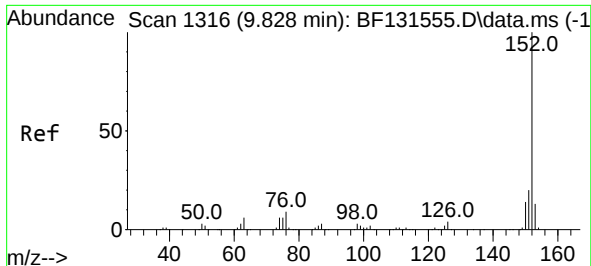
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#48
2-Nitroaniline
Concen: 44.352 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

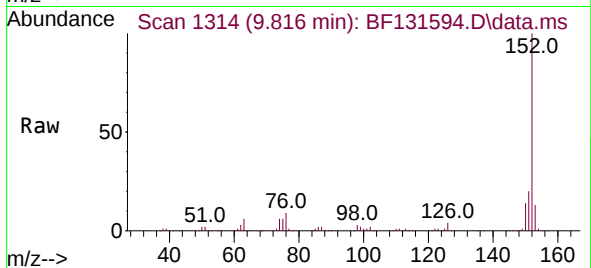
Tgt Ion: 65 Resp: 129966
Ion Ratio Lower Upper
65 100
92 67.9 49.2 73.8
138 87.9 60.7 91.1





#49
Acenaphthylene
Concen: 45.961 ng
RT: 9.816 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

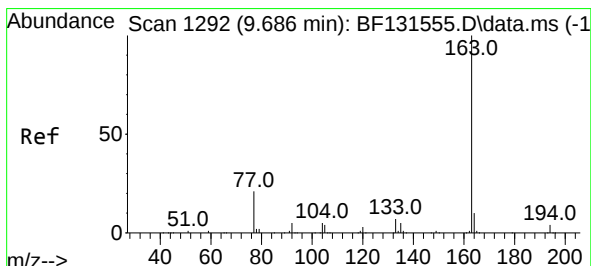
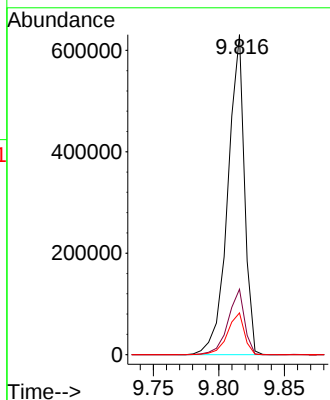
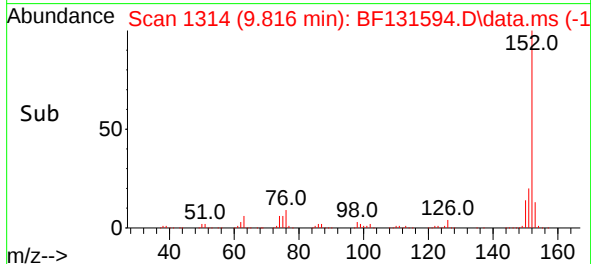
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



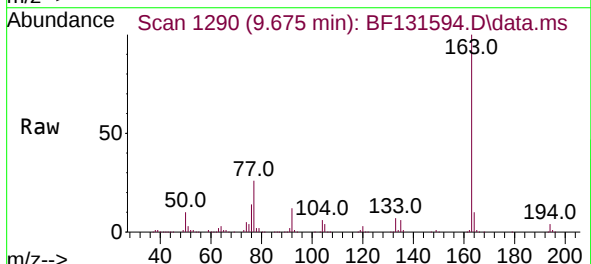
Tgt Ion:152 Resp: 558245
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4
153 13.0 10.4 15.6

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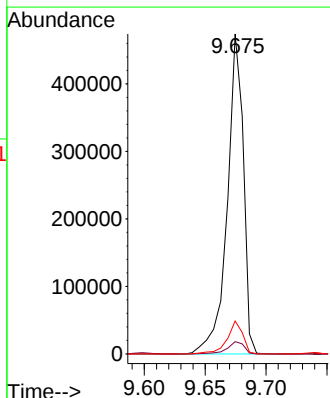
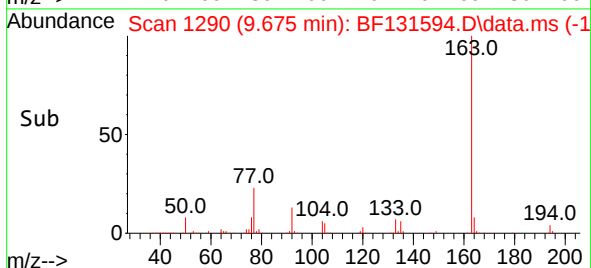
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

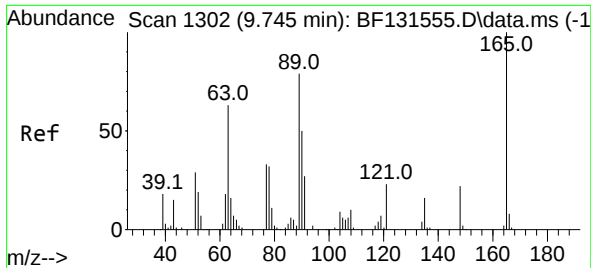


#50
Dimethylphthalate
Concen: 44.577 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:163 Resp: 436377
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 7.8 11.6





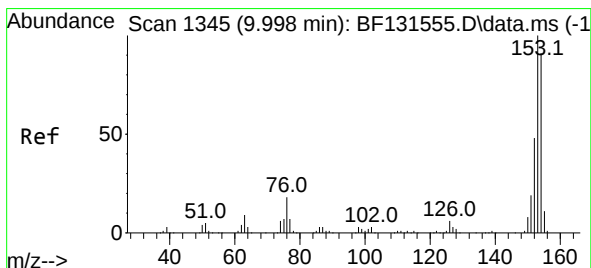
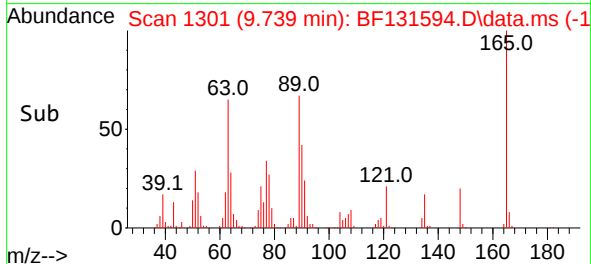
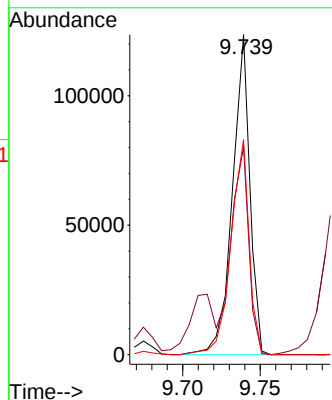
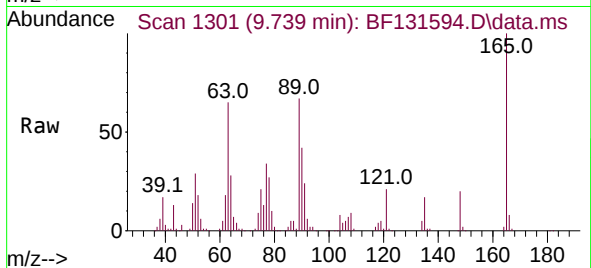
#51
2,6-Dinitrotoluene
Concen: 47.874 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion:165 Resp: 96751
Ion Ratio Lower Upper
165 100
63 64.9 67.9 101.9
89 67.2 63.2 94.8

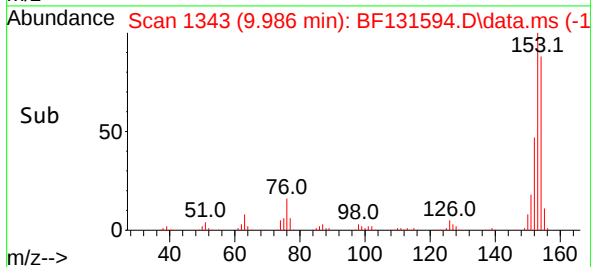
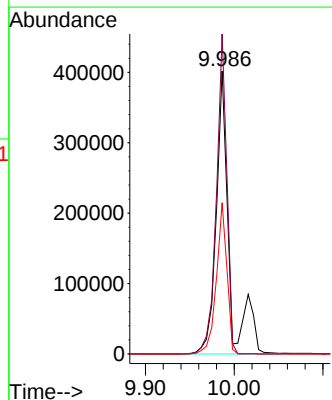
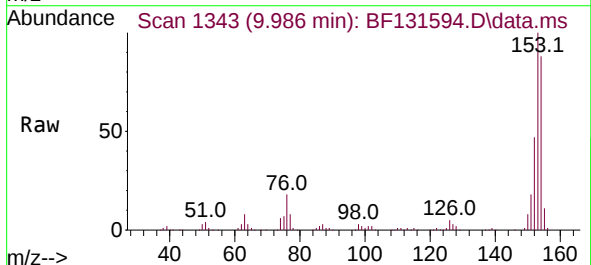
Manual Integrations
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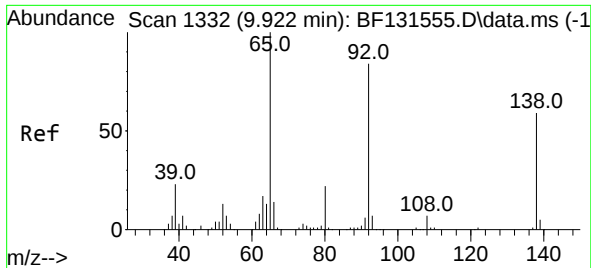
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#52
Acenaphthene
Concen: 50.026 ng m
RT: 9.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion:154 Resp: 407052
Ion Ratio Lower Upper
154 100
153 113.1 87.9 131.9
152 53.4 42.4 63.6





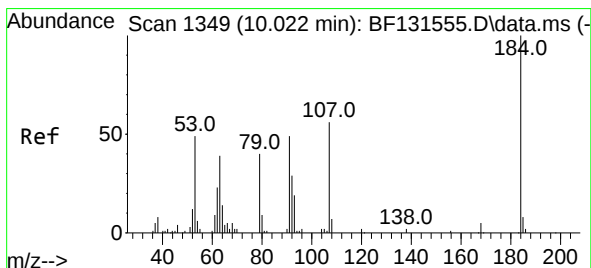
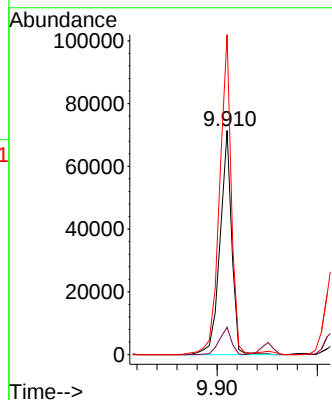
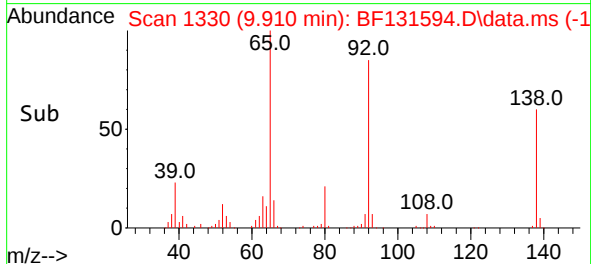
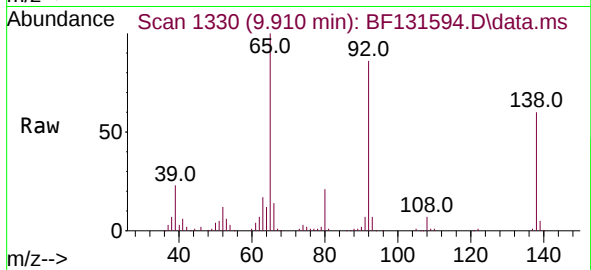
#53
3-Nitroaniline
Concen: 29.835 ng
RT: 9.910 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion:138 Resp: 57850
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 142.8 113.4 170.0

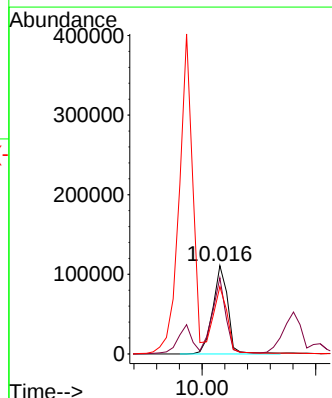
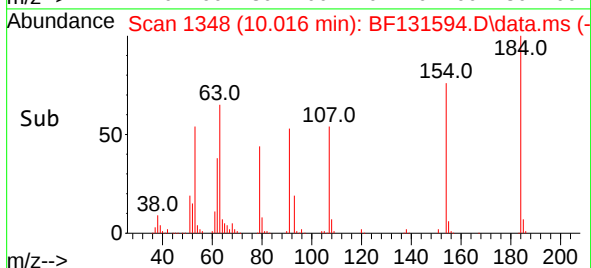
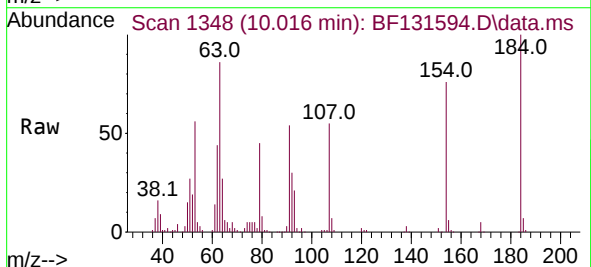
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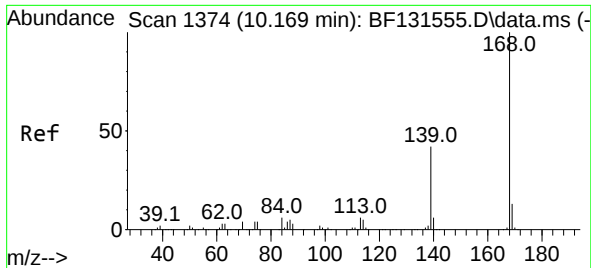
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#54
2,4-Dinitrophenol
Concen: 87.497 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion:184 Resp: 101693
Ion Ratio Lower Upper
184 100
63 86.2 60.7 91.1
154 76.3 59.0 88.6





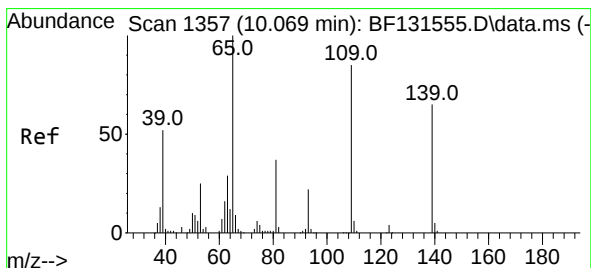
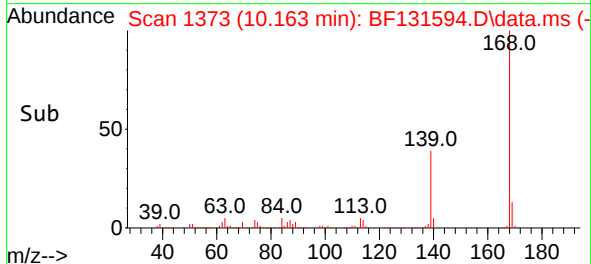
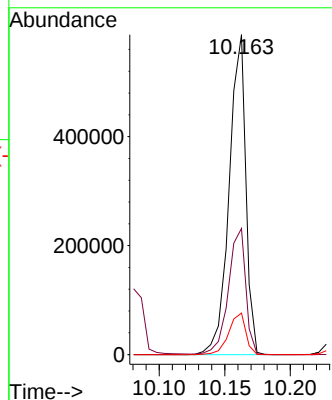
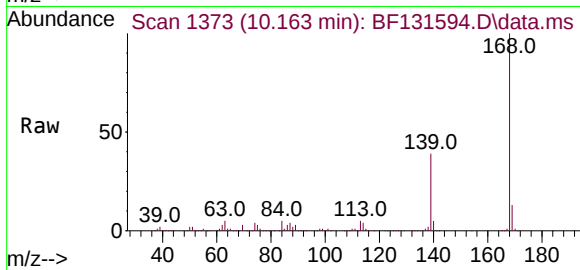
#55
Dibenzenofuran
Concen: 45.305 ng
RT: 10.163 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion:168 Resp: 520865
Ion Ratio Lower Upper
168 100
139 39.4 33.9 50.9
169 13.0 10.7 16.1

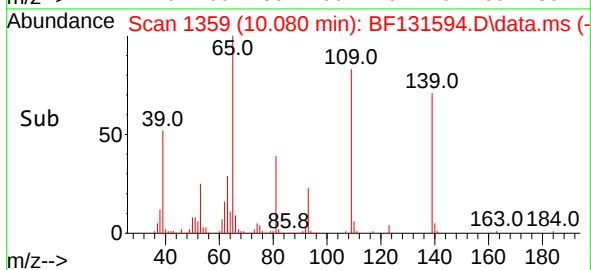
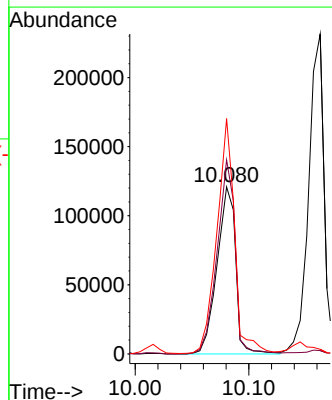
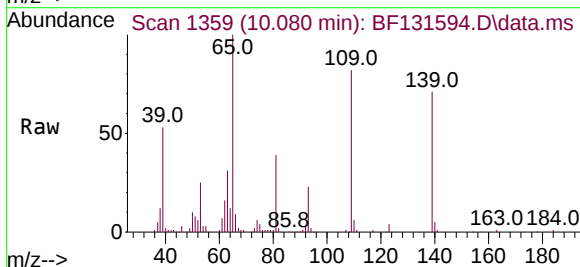
Manual Integrations
APPROVED

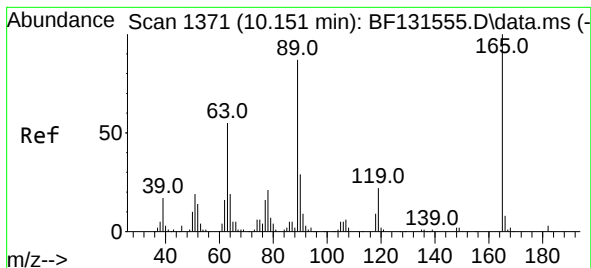
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#56
4-Nitrophenol
Concen: 101.467 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

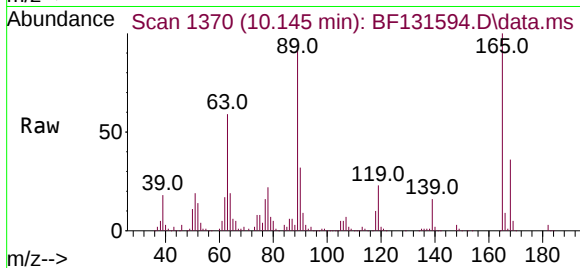
Tgt Ion:139 Resp: 136679
Ion Ratio Lower Upper
139 100
109 116.2 110.2 150.2
65 140.9 133.3 173.3





#57
2,4-Dinitrotoluene
Concen: 48.462 ng
RT: 10.145 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

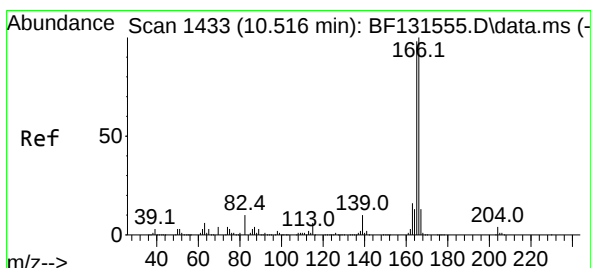
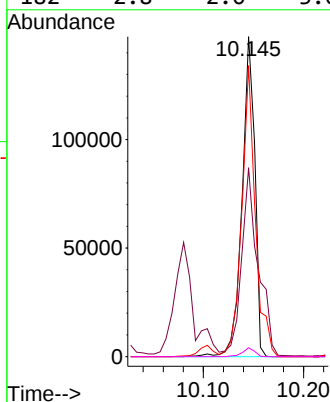
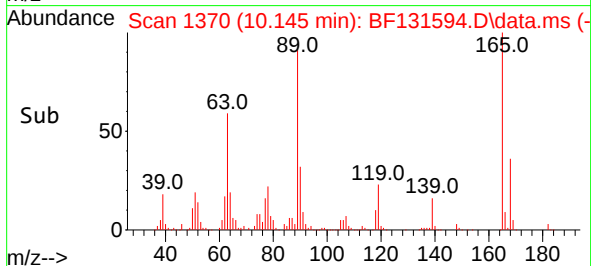
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



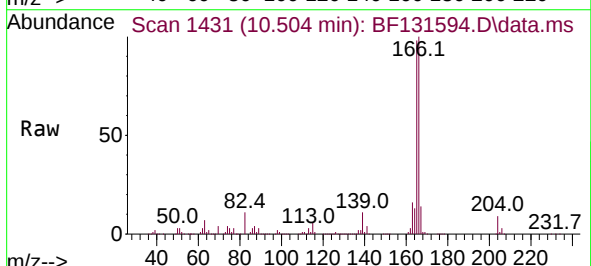
Tgt Ion:165 Resp: 129921
Ion Ratio Lower Upper
165 100
63 59.0 44.4 66.6
89 90.9 69.6 104.4
182 2.8 2.0 3.0

Manual Integrations
APPROVED

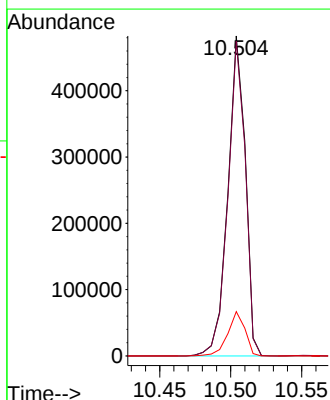
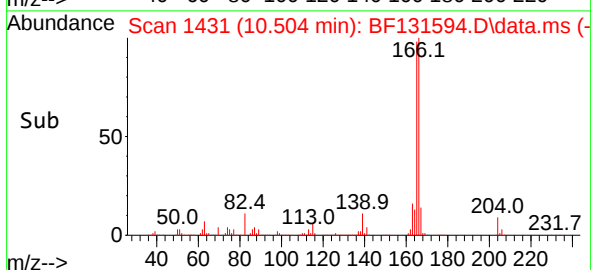
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

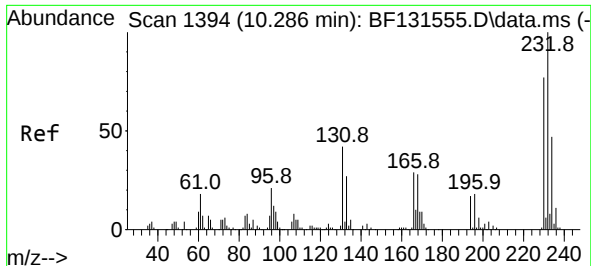


#58
Fluorene
Concen: 44.144 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



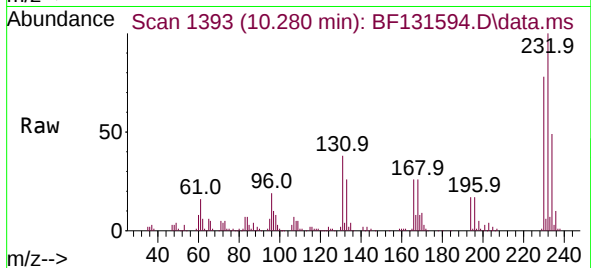
Tgt Ion:166 Resp: 412591
Ion Ratio Lower Upper
166 100
165 98.4 78.4 117.6
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.400 ng m
RT: 10.280 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

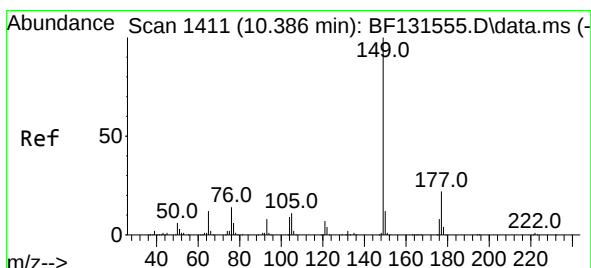
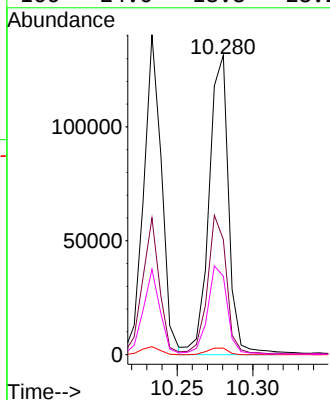
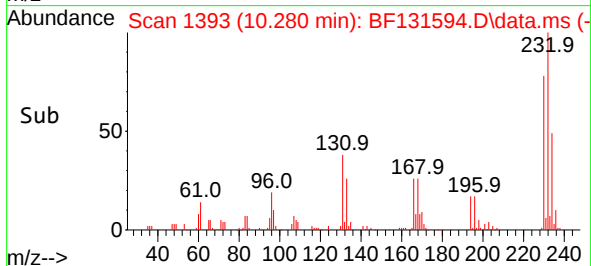
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:232 Resp: 118889
Ion Ratio Lower Upper
232 100
131 39.5 31.0 46.6
130 2.5 1.8 2.8
166 24.6 18.8 28.2

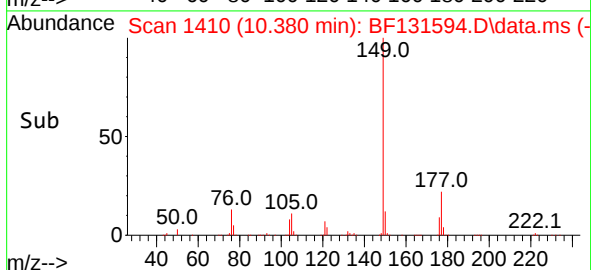
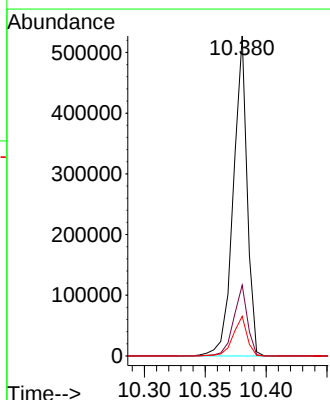
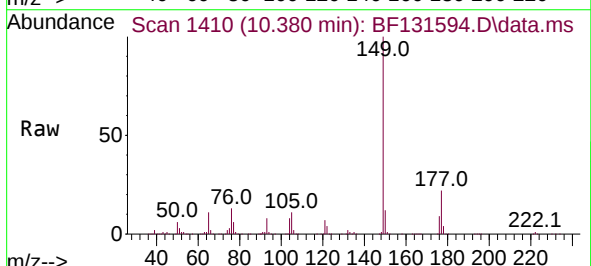
Manual Integrations
APPROVED

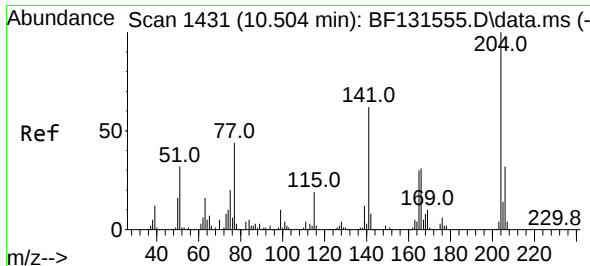
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#60
Diethylphthalate
Concen: 44.264 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

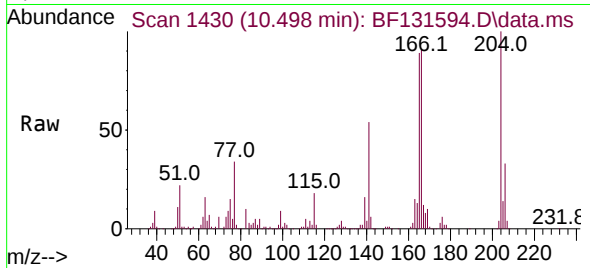
Tgt Ion:149 Resp: 415823
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 44.064 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

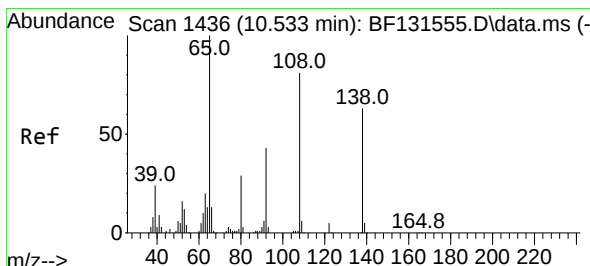
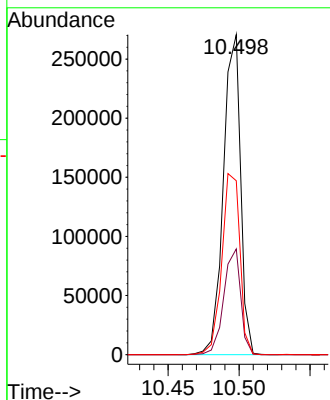
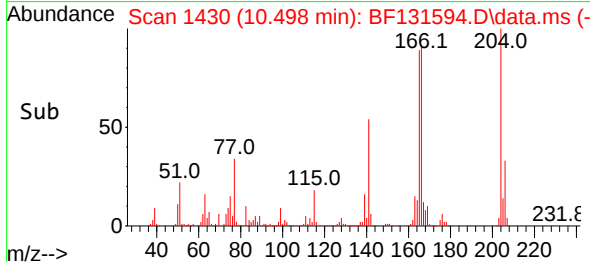
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:204 Resp: 227592
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.2
141 54.3 49.5 74.3

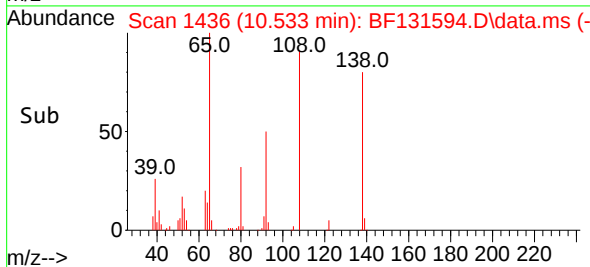
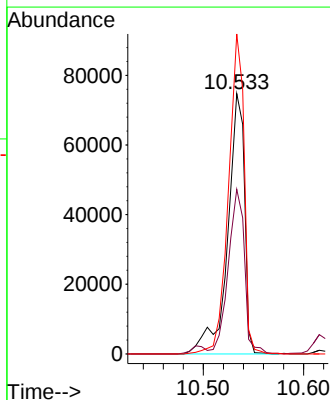
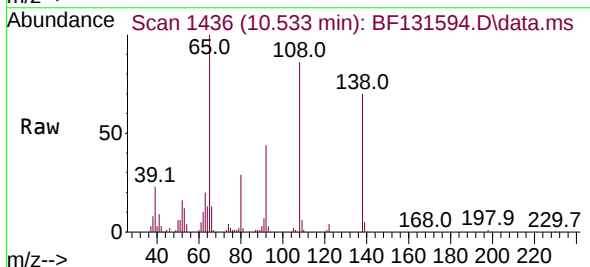
Manual Integrations
APPROVED

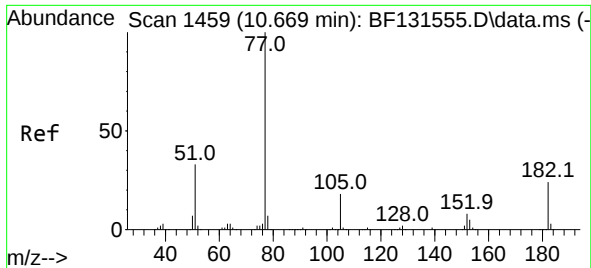
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#62
4-Nitroaniline
Concen: 45.174 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

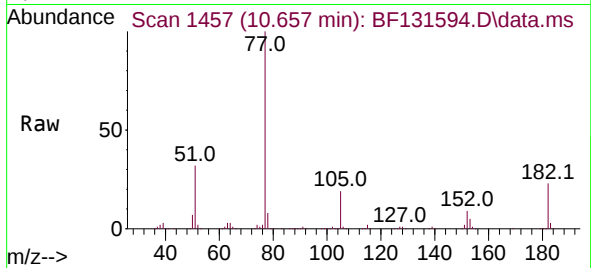
Tgt Ion:138 Resp: 86801
Ion Ratio Lower Upper
138 100
92 63.2 47.5 87.5
108 122.9 108.8 148.8





#63
Azobenzene
Concen: 42.508 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

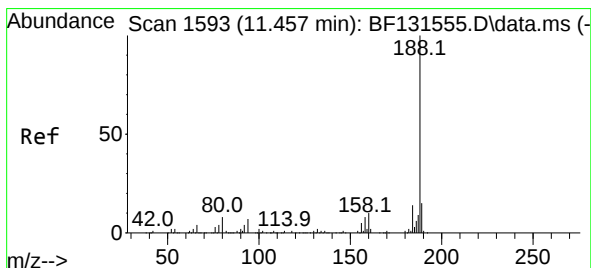
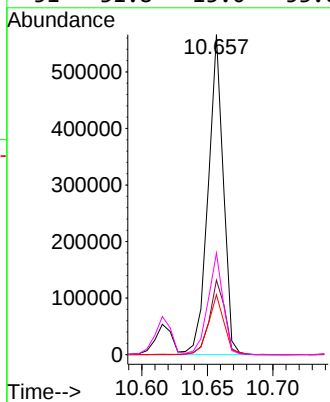
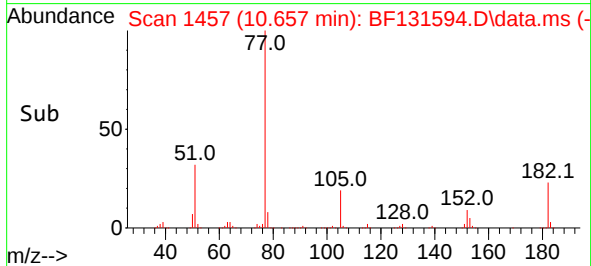
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



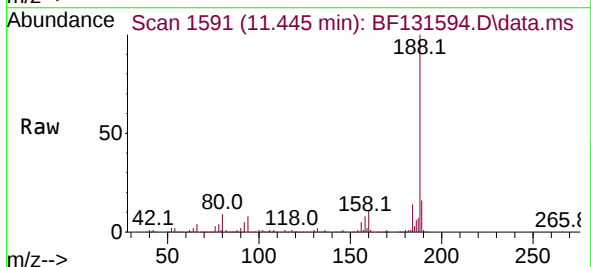
Tgt Ion: 77 Resp: 455453
Ion Ratio Lower Upper
77 100
182 23.3 3.9 43.9
105 18.8 0.0 38.3
51 31.8 13.0 53.0

Manual Integrations
APPROVED

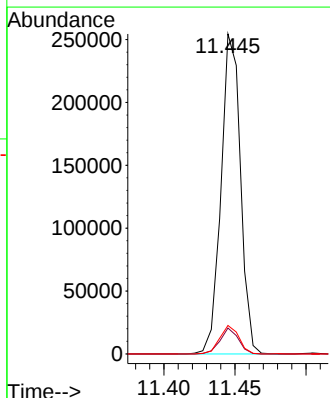
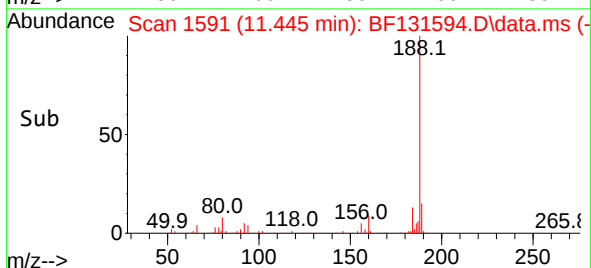
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

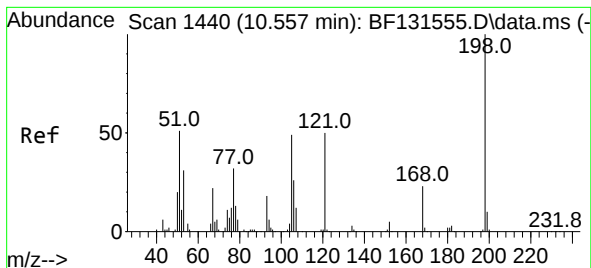


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:188 Resp: 242568
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 8.9 6.6 10.0





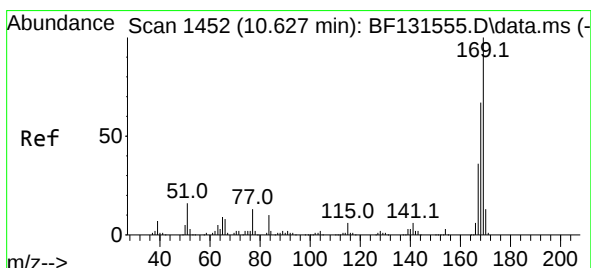
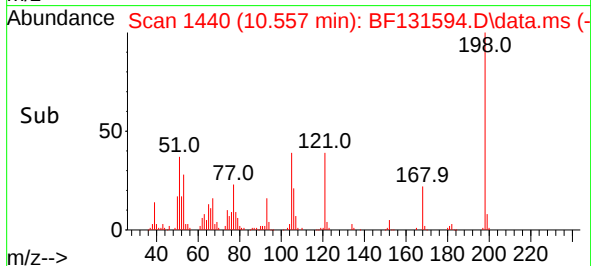
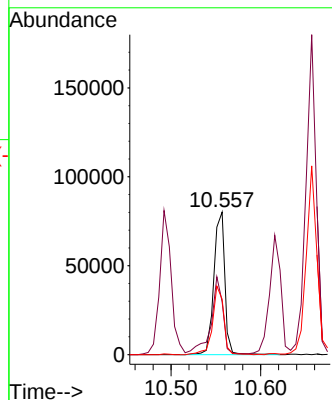
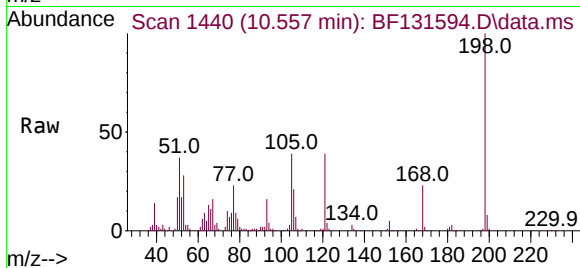
#65
4,6-Dinitro-2-methylphenol
Concen: 44.594 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion:198 Resp: 68512
Ion Ratio Lower Upper
198 100
51 37.1 36.7 76.7
105 38.9 29.9 69.9

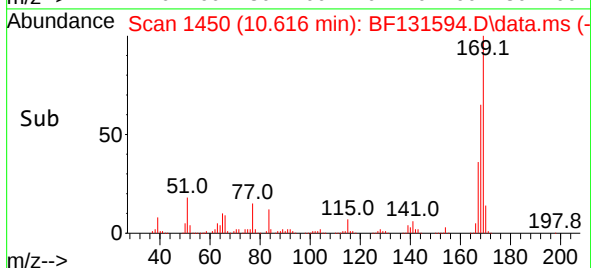
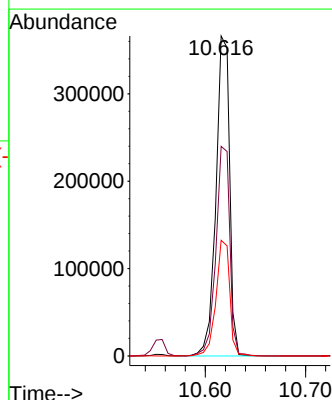
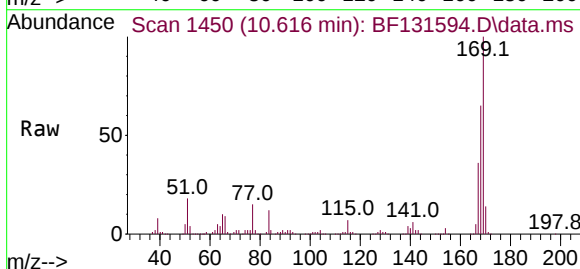
Manual Integrations
APPROVED

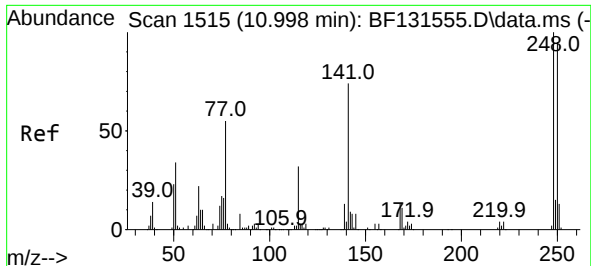
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#66
n-Nitrosodiphenylamine
Concen: 44.223 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

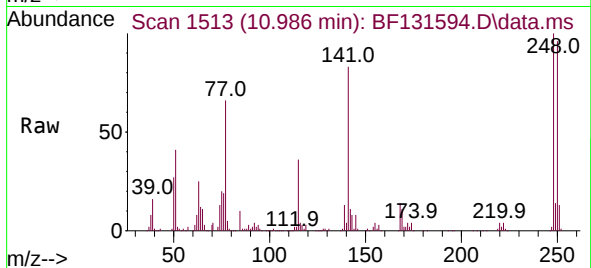
Tgt Ion:169 Resp: 346797
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 36.1 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 43.144 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

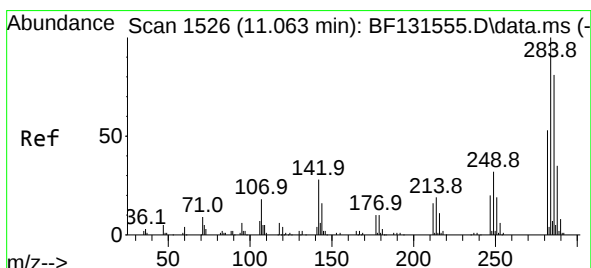
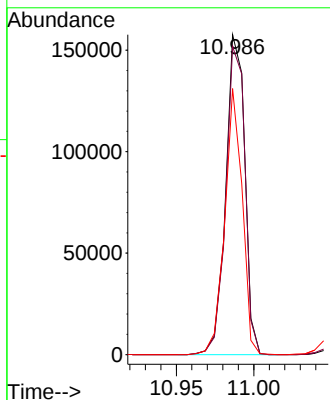
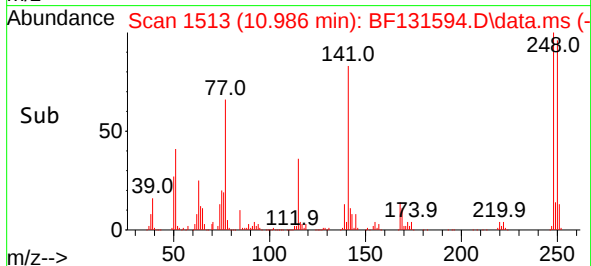
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



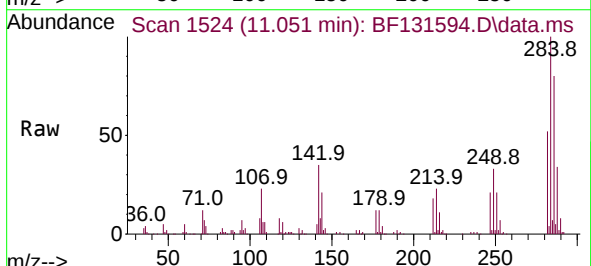
Tgt Ion:248 Resp: 134628
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.2
141 83.1 59.5 89.3

Manual Integrations
APPROVED

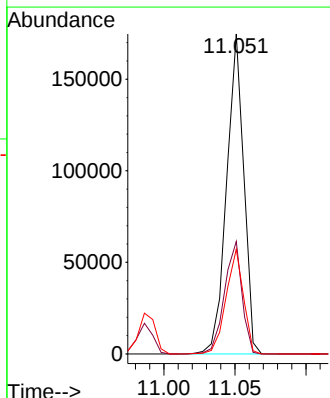
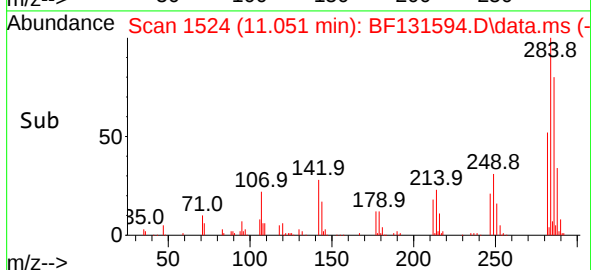
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

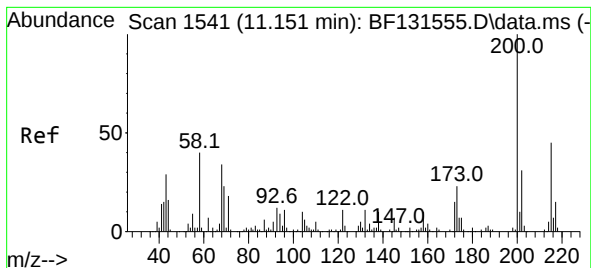


#68
Hexachlorobenzene
Concen: 43.504 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:284 Resp: 146839
Ion Ratio Lower Upper
284 100
142 35.1 22.3 33.5#
249 32.7 25.4 38.2





#69

Atrazine

Concen: 52.305 ng

RT: 11.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD

Tgt Ion:200 Resp: 13025

Ion Ratio Lower Upper

200 100

173 23.3 3.4 43.4

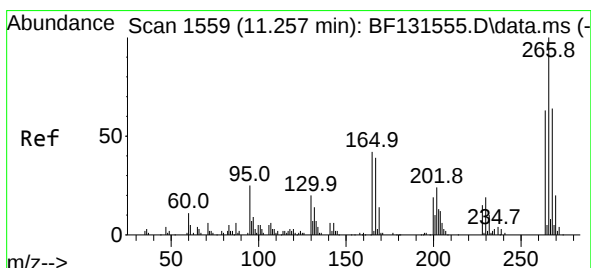
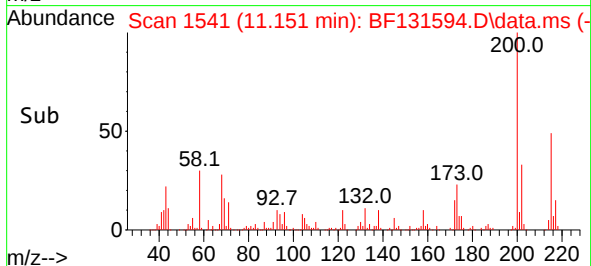
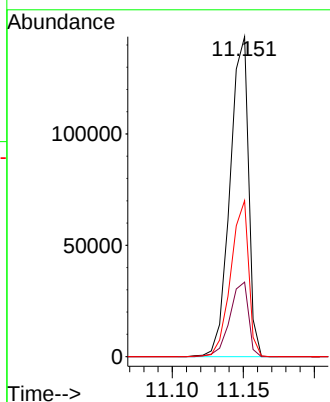
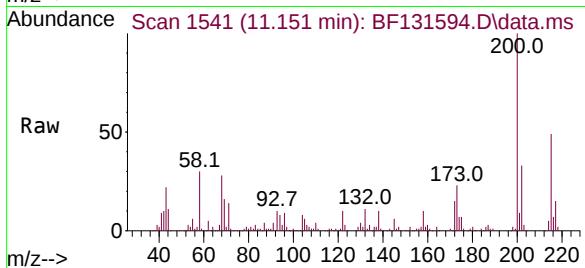
215 48.7 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#70

Pentachlorophenol

Concen: 88.358 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

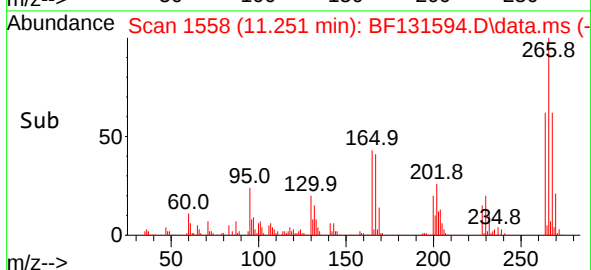
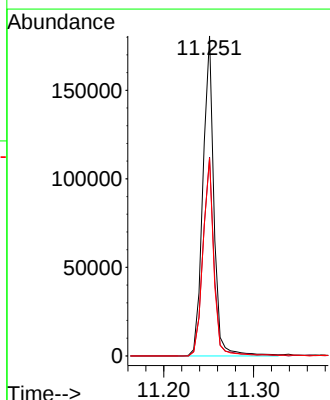
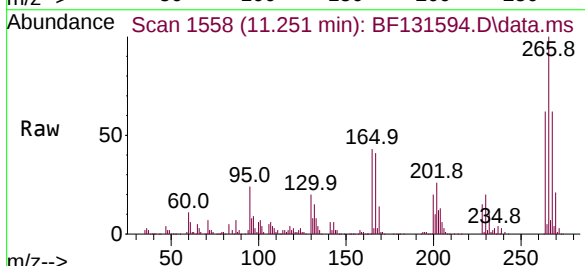
Tgt Ion:266 Resp: 153533

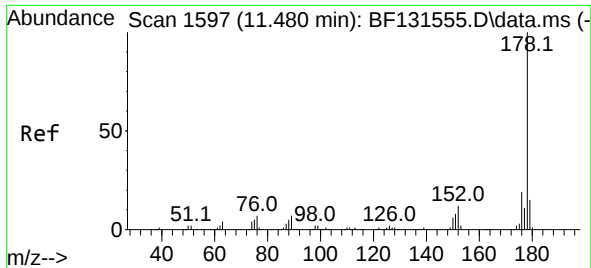
Ion Ratio Lower Upper

266 100

268 62.1 51.5 77.3

264 61.7 50.7 76.1





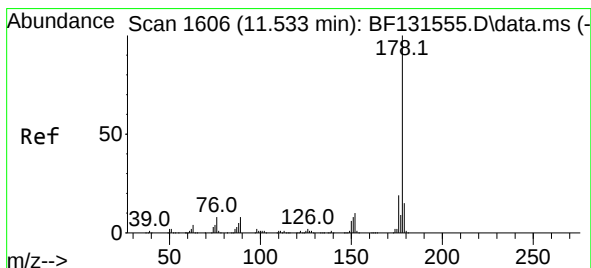
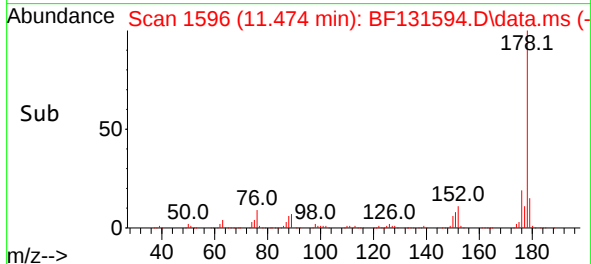
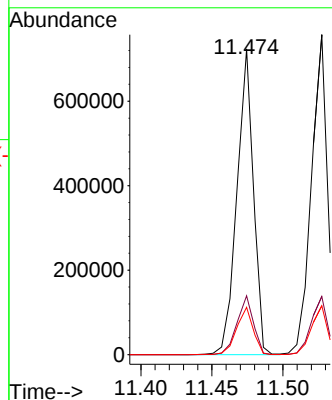
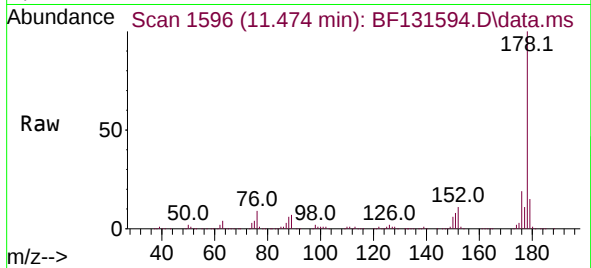
#71
Phenanthrene
Concen: 43.191 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Tgt Ion:178 Resp: 583962
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.4

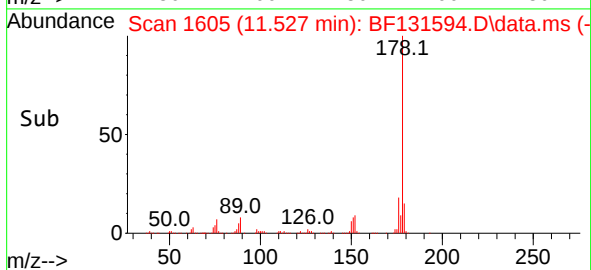
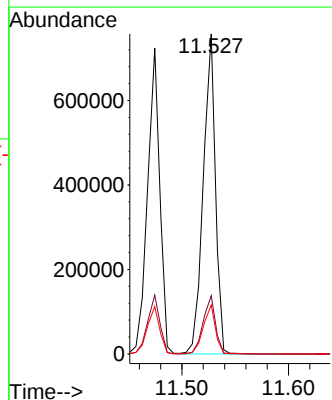
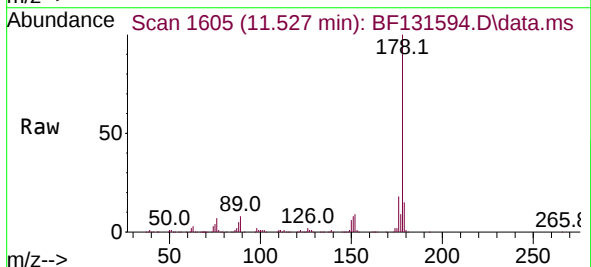
Manual Integrations
APPROVED

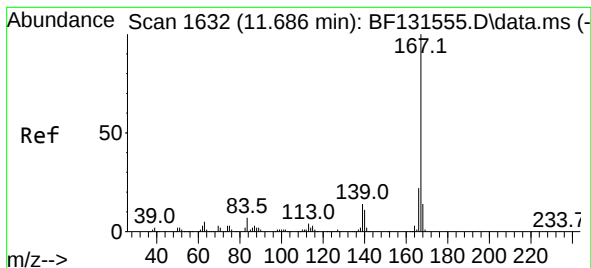
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#72
Anthracene
Concen: 45.556 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

Tgt Ion:178 Resp: 599256
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.3 12.3 18.5





#73

Carbazole

Concen: 45.836 ng

RT: 11.680 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD

Tgt Ion:167 Resp: 492146

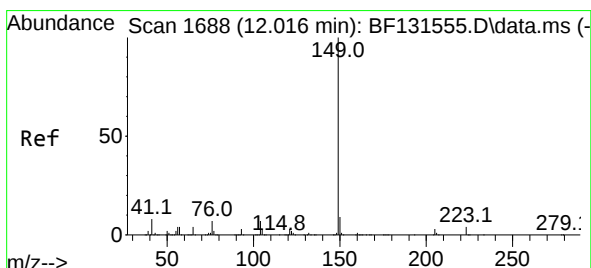
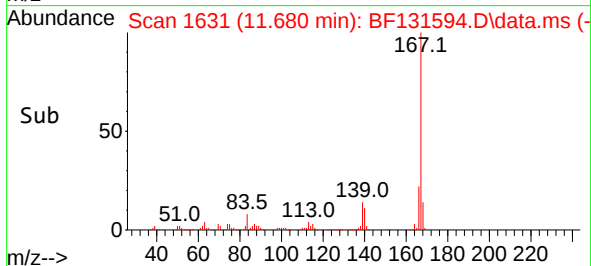
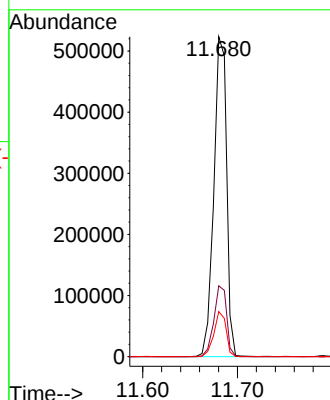
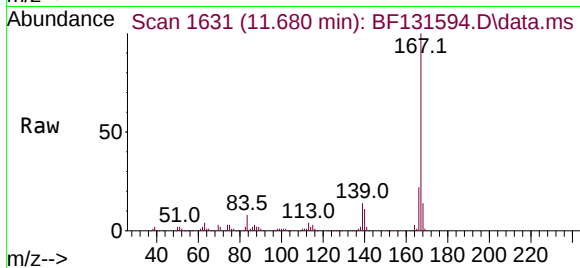
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	14.1	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#74

Di-n-butylphthalate

Concen: 45.627 ng

RT: 12.010 min Scan# 1687

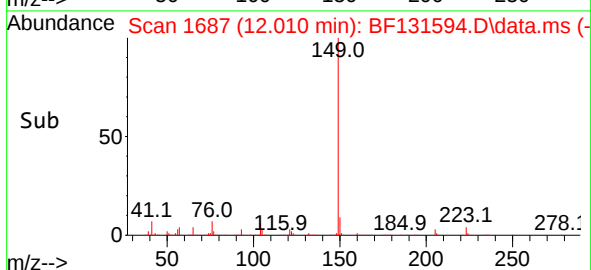
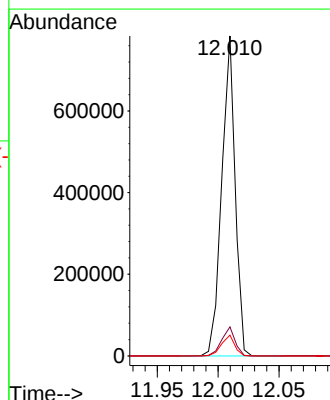
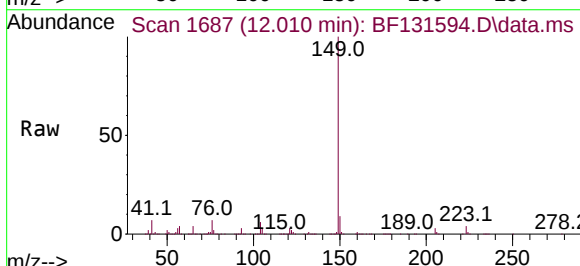
Delta R.T. -0.000 min

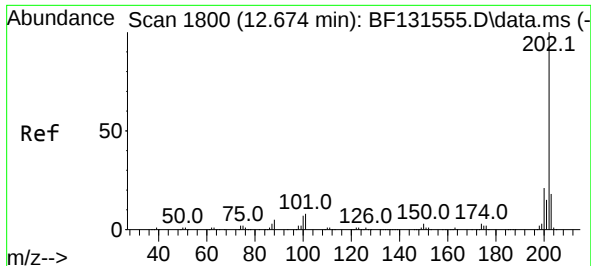
Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Tgt Ion:149 Resp: 601017

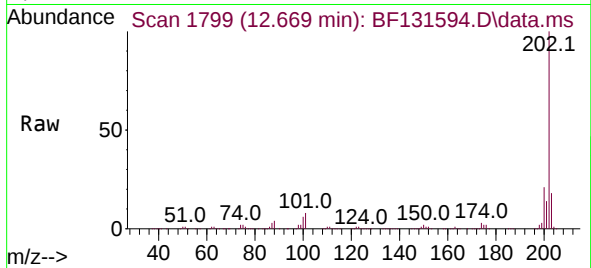
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	6.5	5.2	7.8





#75
Fluoranthene
Concen: 43.576 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

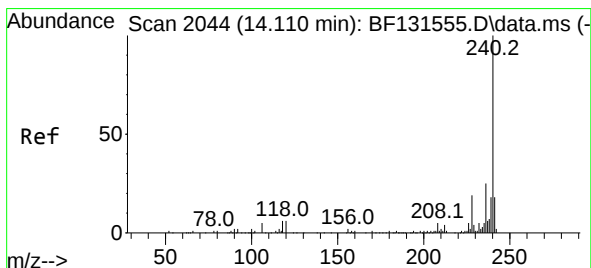
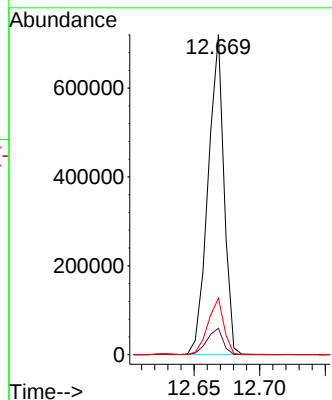
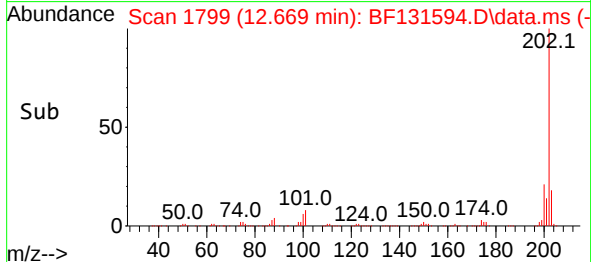
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



Tgt Ion:202 Resp: 606686
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.7
203 17.6 0.0 37.7

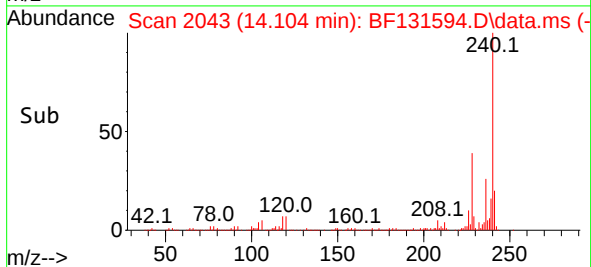
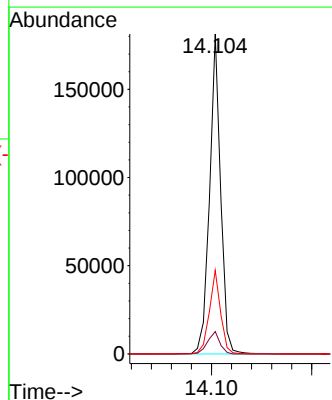
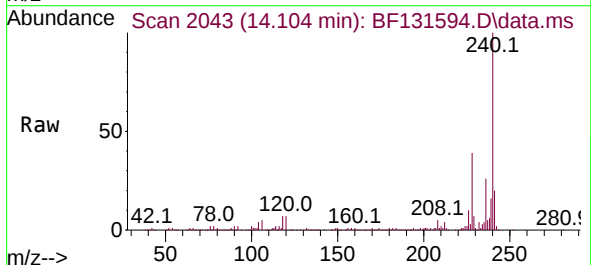
Manual Integrations
APPROVED

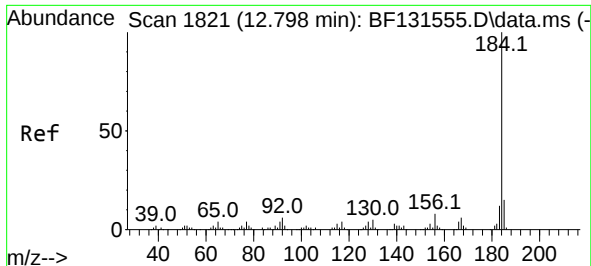
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

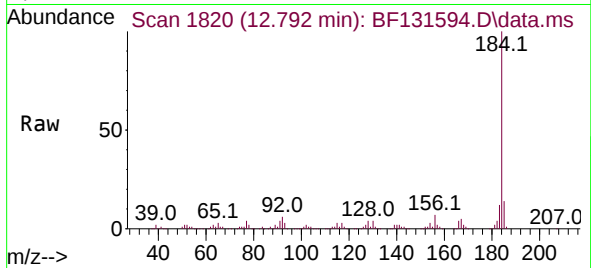
Tgt Ion:240 Resp: 137964
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 26.1 20.2 30.2





#77
Benzidine
Concen: 61.583 ng
RT: 12.792 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

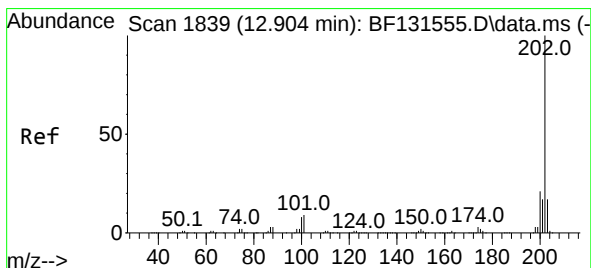
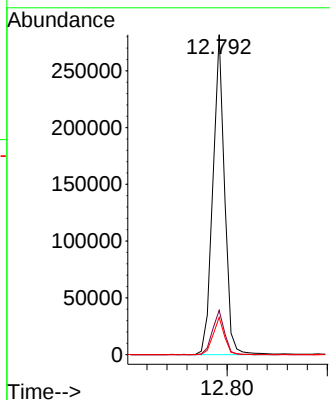
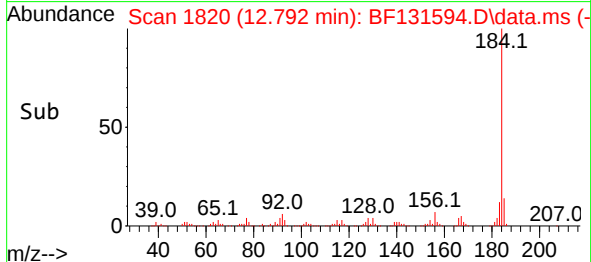
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



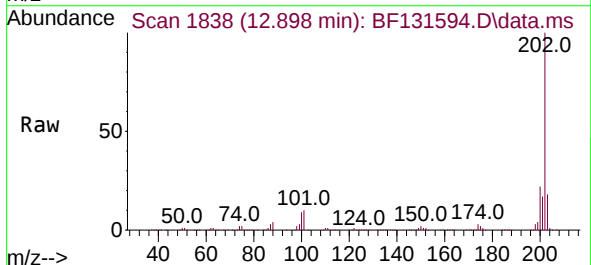
Tgt Ion:184 Resp: 227648
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 11.6 9.3 13.9

Manual Integrations
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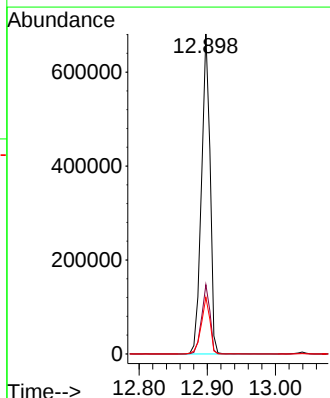
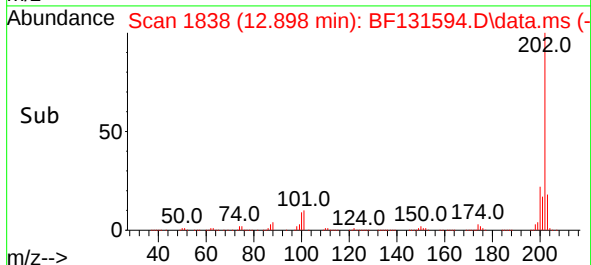
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

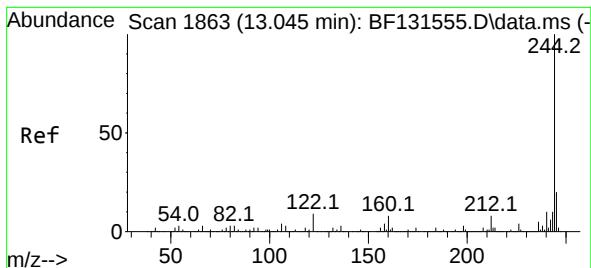


#78
Pyrene
Concen: 43.898 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:202 Resp: 597194
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 66.778 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD

Tgt Ion:244 Resp: 671790

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

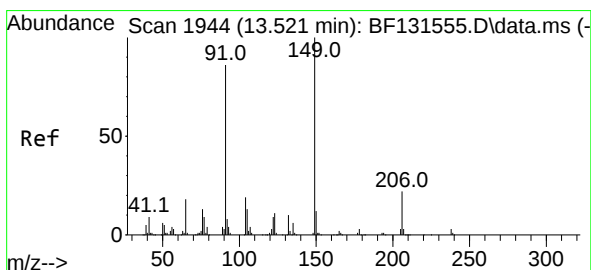
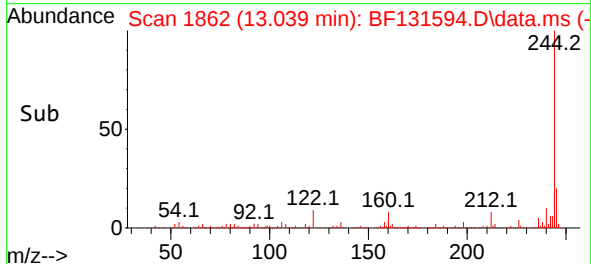
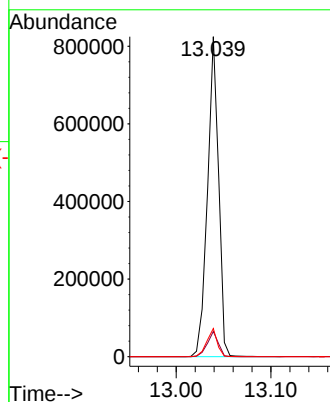
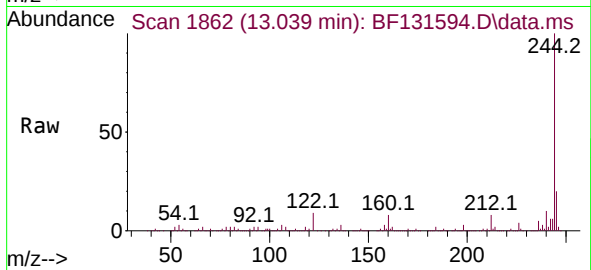
122 8.8 7.1 10.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#80

Butylbenzylphthalate

Concen: 53.168 ng

RT: 13.515 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

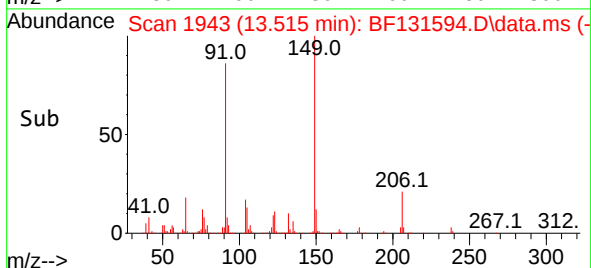
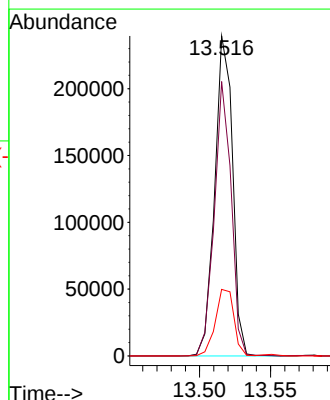
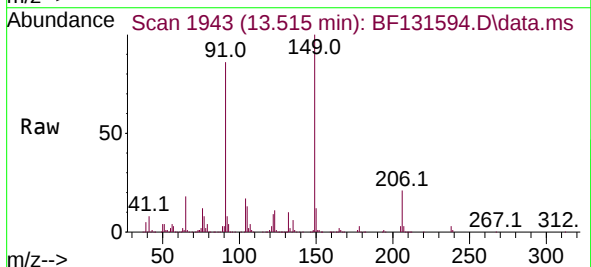
Tgt Ion:149 Resp: 209317

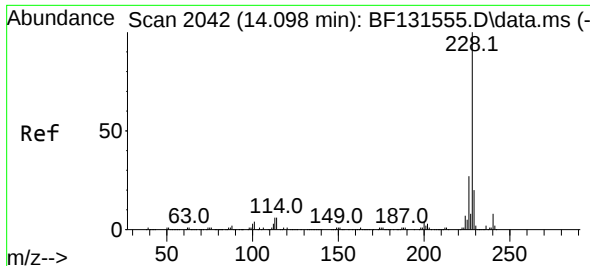
Ion Ratio Lower Upper

149 100

91 85.7 69.0 103.4

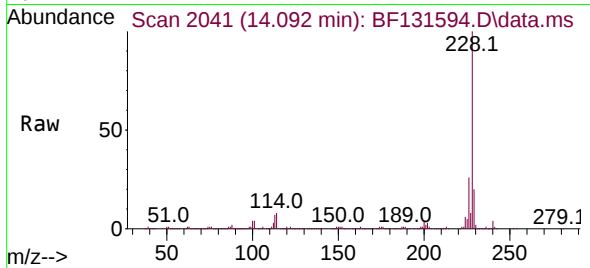
206 20.8 17.8 26.8





#81
Benzo(a)anthracene
Concen: 45.392 ng
RT: 14.092 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

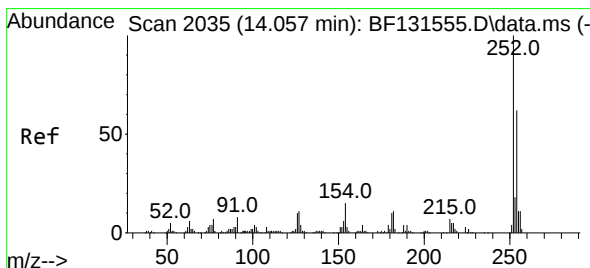
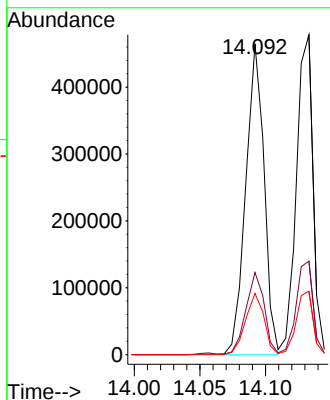
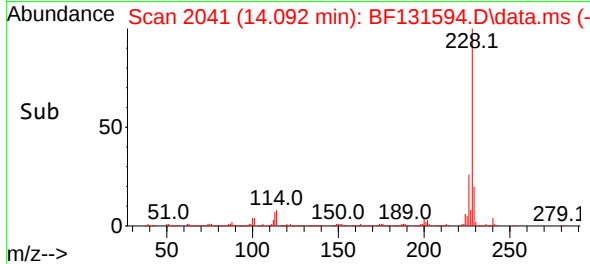
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



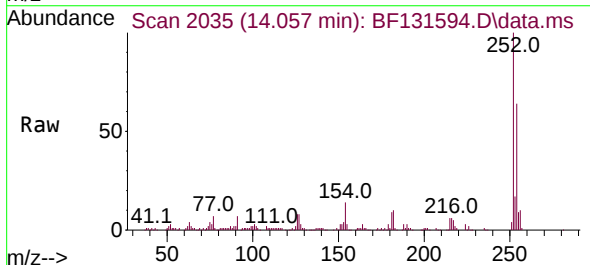
Tgt Ion:228 Resp: 452251
Ion Ratio Lower Upper
228 100
226 26.4 21.5 32.3
229 19.7 15.8 23.6

Manual Integrations
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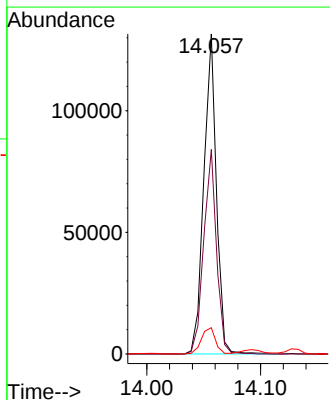
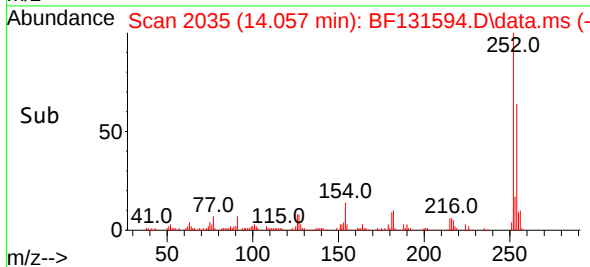
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

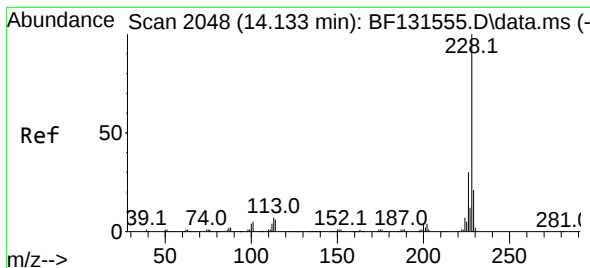


#82
3,3'-Dichlorobenzidine
Concen: 35.772 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:252 Resp: 101401
Ion Ratio Lower Upper
252 100
254 63.9 49.6 74.4
126 8.2 7.9 11.9





#83

Chrysene

Concen: 44.823 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF131594.D

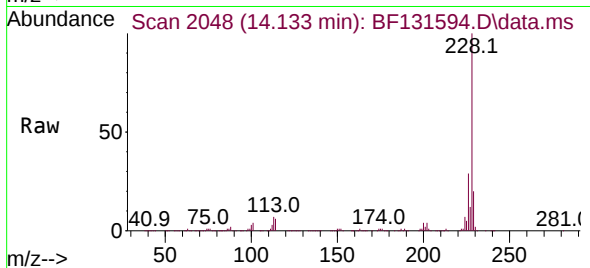
Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MSD



Tgt Ion:228 Resp: 424566

Ion Ratio Lower Upper

228 100

226 29.2 23.9 35.9

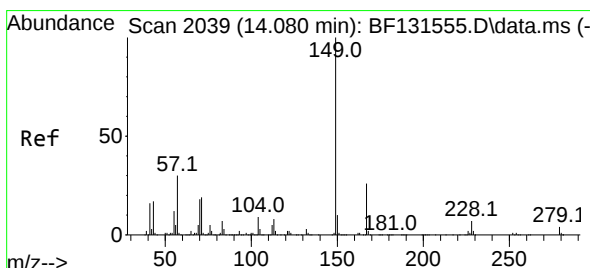
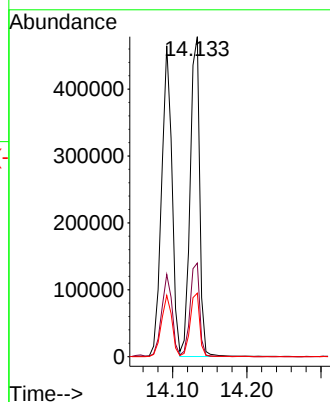
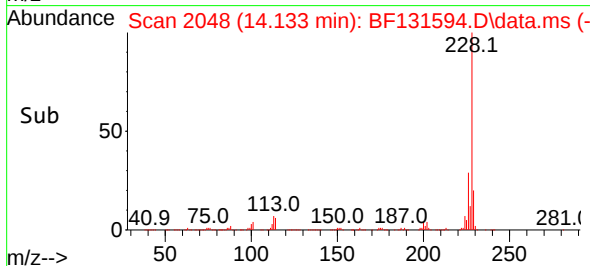
229 19.8 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.750 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

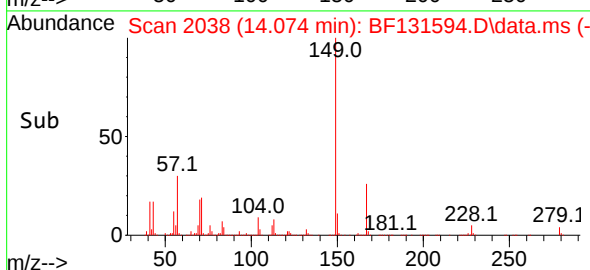
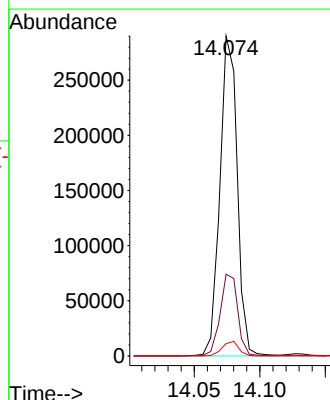
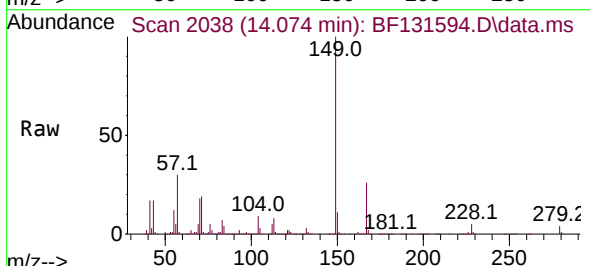
Tgt Ion:149 Resp: 267462

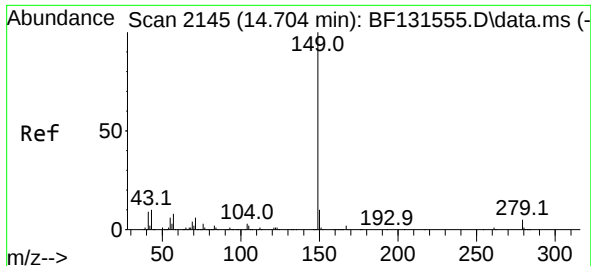
Ion Ratio Lower Upper

149 100

167 25.5 20.8 31.2

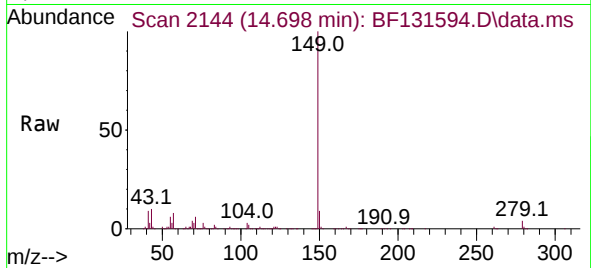
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 45.429 ng
RT: 14.698 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

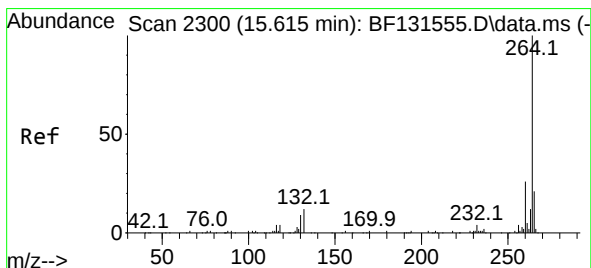
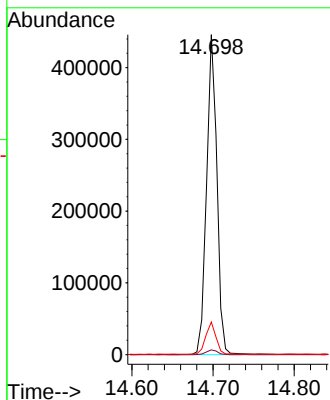
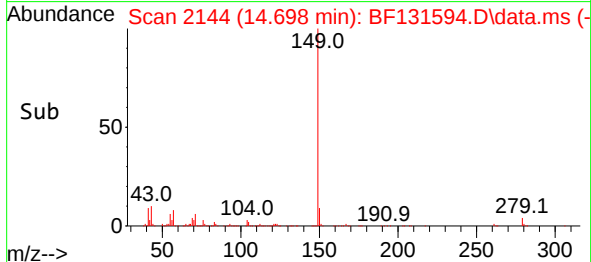
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



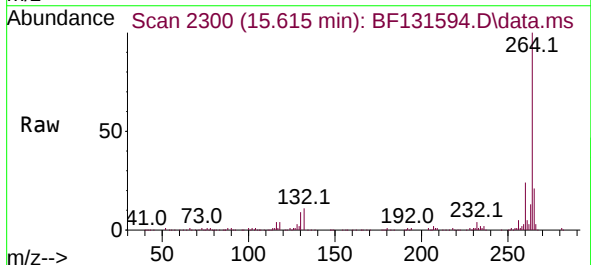
Tgt Ion:149 Resp: 396487
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.6 13.0

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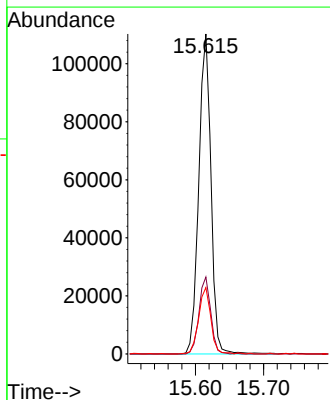
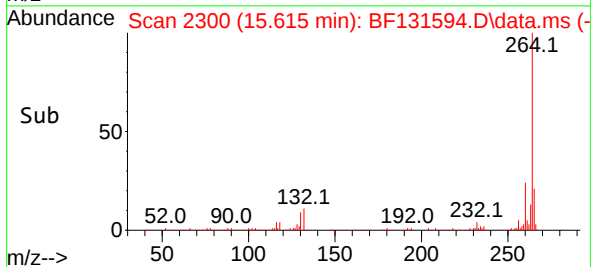
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

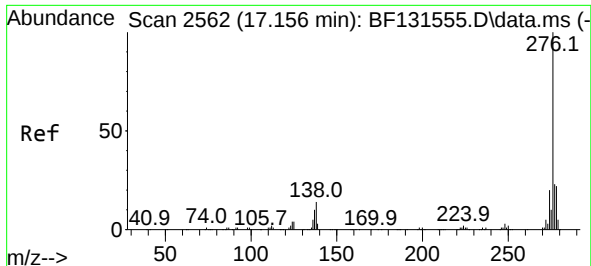


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



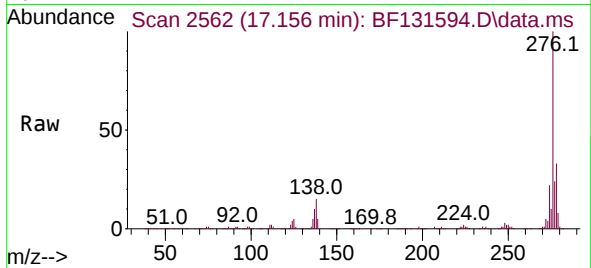
Tgt Ion:264 Resp: 136691
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 20.7 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.514 ng
RT: 17.156 min Scan# 2562
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

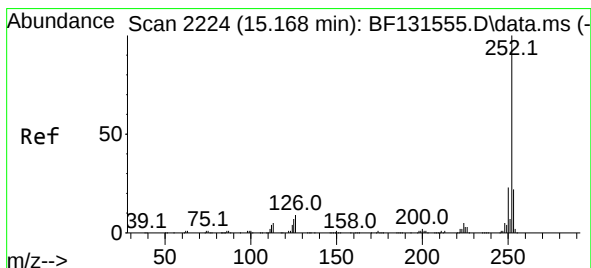
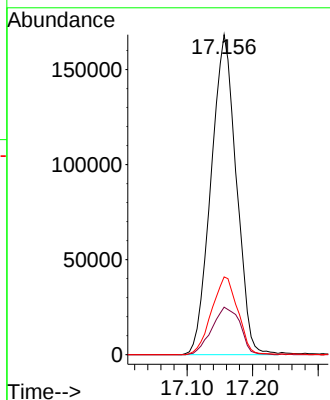
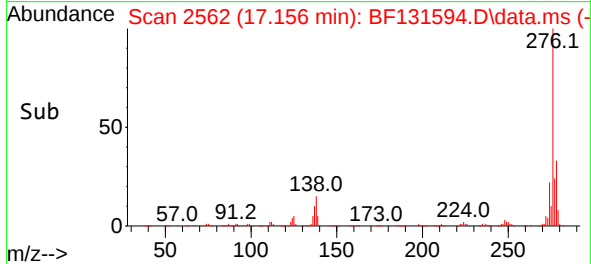
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



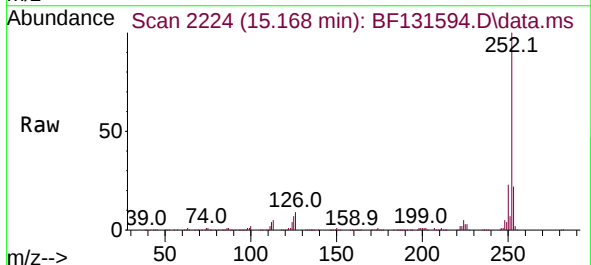
Tgt Ion:276 Resp: 451956
Ion Ratio Lower Upper
276 100
138 16.5 12.7 19.1
277 25.2 20.0 30.0

Manual Integrations
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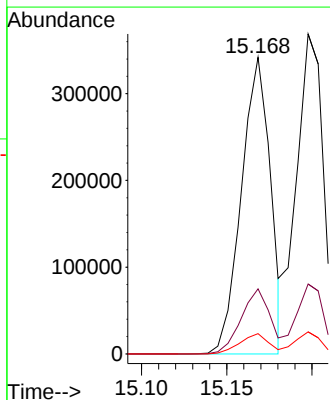
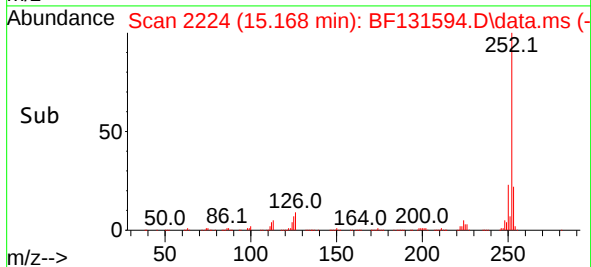
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

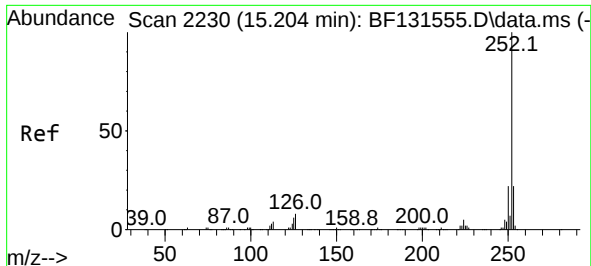


#88
Benzo(b)fluoranthene
Concen: 45.068 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:252 Resp: 406024
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 43.868 ng

RT: 15.198 min Scan# 2229

Delta R.T. -0.006 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

Instrument :

BNA_F

ClientSampleId :

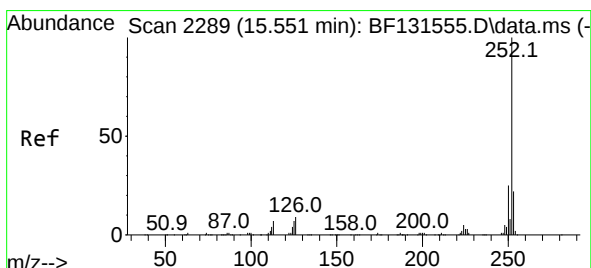
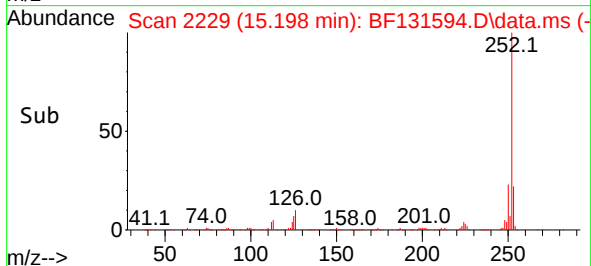
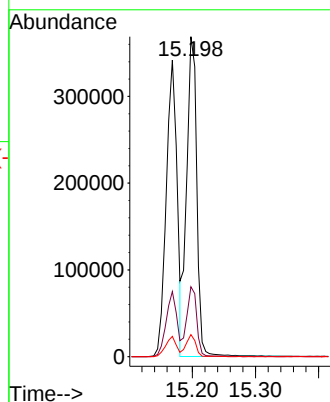
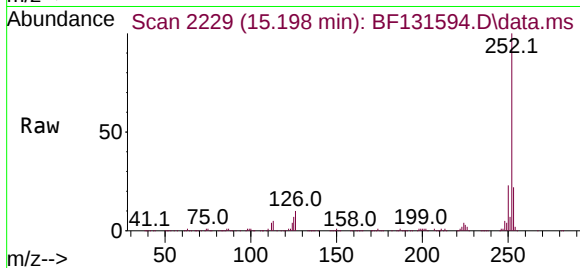
SU-518-COMP-05MSD

Tgt Ion:252 Resp: 412501
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 6.9 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022



#90

Benzo(a)pyrene

Concen: 46.388 ng

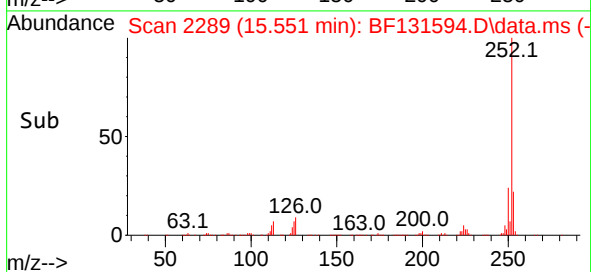
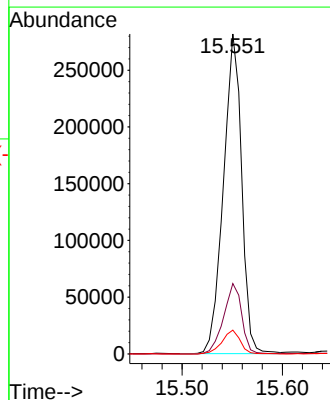
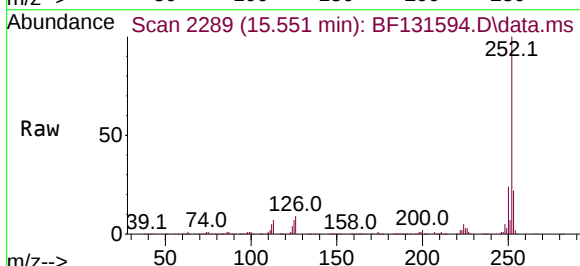
RT: 15.551 min Scan# 2289

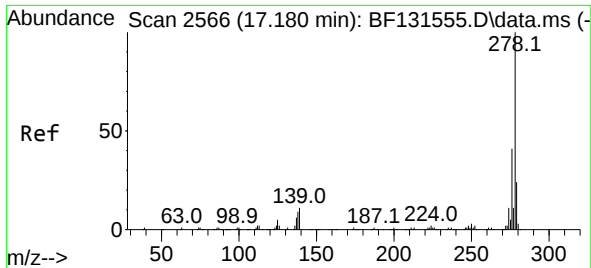
Delta R.T. -0.000 min

Lab File: BF131594.D

Acq: 12 Dec 2022 15:59

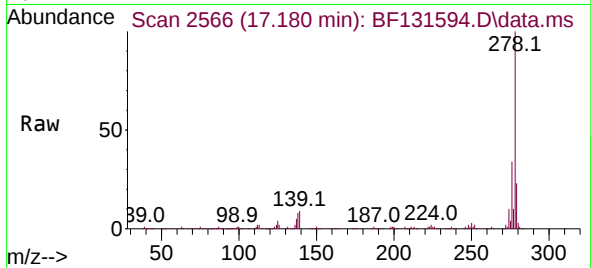
Tgt Ion:252 Resp: 356651
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 7.4 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 41.917 ng
RT: 17.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59

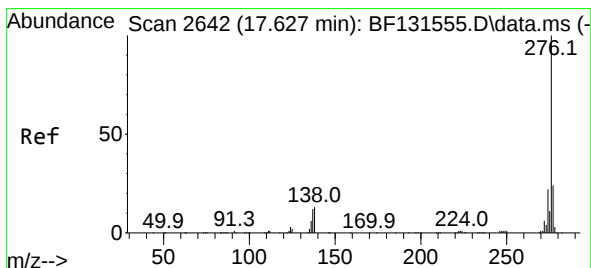
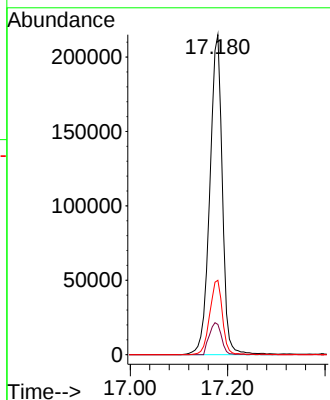
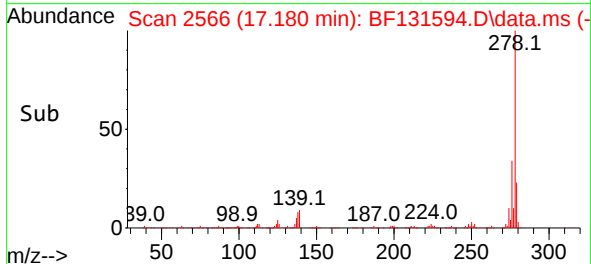
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD



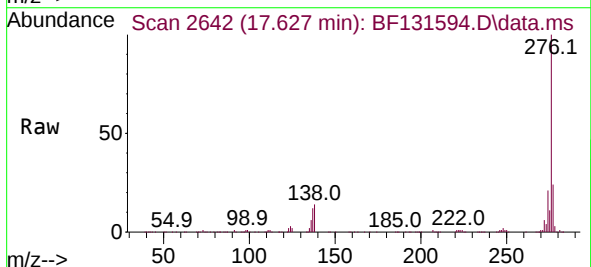
Tgt Ion:278 Resp: 384843
Ion Ratio Lower Upper
278 100
139 9.4 8.9 13.3
279 23.2 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#92
Benzo(g,h,i)perylene
Concen: 41.267 ng
RT: 17.627 min Scan# 2642
Delta R.T. -0.000 min
Lab File: BF131594.D
Acq: 12 Dec 2022 15:59



Tgt Ion:276 Resp: 380780
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 14.5 10.7 16.1

