

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131593.D
 Acq On : 12 Dec 2022 15:26
 Operator : CG\JU
 Sample : N5964-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 04:14:57 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	59994	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	215680	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	122836	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	225315	20.000	ng	0.00
76) Chrysene-d12	14.104	240	126456	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	132994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	418440	116.358	ng	0.01
7) Phenol-d6	6.534	99	543881	115.413	ng	0.00
23) Nitrobenzene-d5	7.463	82	375953	65.901	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	157771	115.605	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	646310	66.342	ng	0.00
79) Terphenyl-d14	13.039	244	610367	66.194	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	72983	44.962	ng	96
3) Pyridine	3.481	79	195007	43.271	ng	98
4) n-Nitrosodimethylamine	3.451	42	105528	42.459	ng	95
6) Aniline	6.557	93	223542	39.664	ng	99
8) 2-Chlorophenol	6.681	128	177871	46.673	ng	93
9) Benzaldehyde	6.445	77	97891	30.323	ng	98
10) Phenol	6.545	94	258312m	49.142	ng	
11) bis(2-Chloroethyl)ether	6.634	93	186252	47.269	ng	95
12) 1,3-Dichlorobenzene	6.834	146	203992	46.169	ng	97
13) 1,4-Dichlorobenzene	6.910	146	204049	45.784	ng	98
14) 1,2-Dichlorobenzene	7.063	146	193024	45.339	ng	97
15) Benzyl Alcohol	7.039	79	192008	44.443	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	223726	43.955	ng	97
17) 2-Methylphenol	7.151	107	164068	47.769	ng	97
18) Hexachloroethane	7.404	117	82712	46.007	ng	90
19) n-Nitroso-di-n-propyla...	7.310	70	152538	43.168	ng	98
20) 3+4-Methylphenols	7.304	107	210240	44.941	ng	# 79
22) Acetophenone	7.304	105	293612	43.441	ng	# 91
24) Nitrobenzene	7.481	77	238868	41.515	ng	94
25) Isophorone	7.722	82	423622	46.101	ng	99
26) 2-Nitrophenol	7.798	139	94076	47.946	ng	95
27) 2,4-Dimethylphenol	7.834	122	161969	53.856	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	229973	48.379	ng	99
29) 2,4-Dichlorophenol	8.039	162	164873	44.337	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	192074	42.118	ng	98
31) Naphthalene	8.204	128	524389	43.167	ng	99
32) Benzoic acid	7.963	122	99786	45.814	ng	94
33) 4-Chloroaniline	8.257	127	111223	24.426	ng	98
34) Hexachlorobutadiene	8.316	225	130900	40.728	ng	98
35) Caprolactam	8.639	113	45882m	47.697	ng	
36) 4-Chloro-3-methylphenol	8.745	107	187310	44.857	ng	100
37) 2-Methylnaphthalene	8.898	142	356224	42.879	ng	100
38) 1-Methylnaphthalene	8.998	142	333685	41.841	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	209627	46.101	ng	98
41) Hexachlorocyclopentadiene	9.051	237	261343	113.234	ng	96
43) 2,4,6-Trichlorophenol	9.181	196	132321	47.047	ng	100

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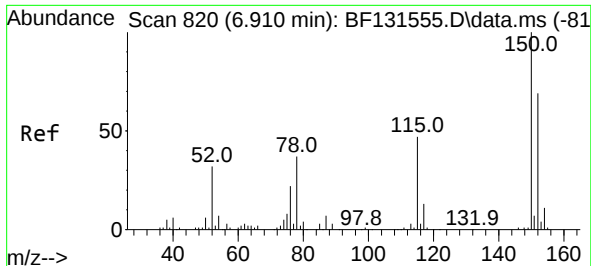
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	136961	45.281	ng	98
46) 1,1'-Biphenyl	9.369	154	453520	46.696	ng	99
47) 2-Chloronaphthalene	9.392	162	362128	45.764	ng	98
48) 2-Nitroaniline	9.498	65	124657	44.472	ng	# 83
49) Acenaphthylene	9.816	152	532701	45.850	ng	99
50) Dimethylphthalate	9.675	163	418926	44.738	ng	99
51) 2,6-Dinitrotoluene	9.739	165	90876	47.009	ng	84
52) Acenaphthene	9.986	154	386845m	49.702	ng	
53) 3-Nitroaniline	9.910	138	54593	29.434	ng	97
54) 2,4-Dinitrophenol	10.016	184	94835	85.405	ng	95
55) Dibenzofuran	10.163	168	494501	44.965	ng	95
56) 4-Nitrophenol	10.080	139	125070	97.066	ng	86
57) 2,4-Dinitrotoluene	10.145	165	120360	46.935	ng	97
58) Fluorene	10.504	166	394296	44.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	113001m	44.118	ng	
60) Diethylphthalate	10.380	149	397872	44.277	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	220749	44.680	ng	93
62) 4-Nitroaniline	10.533	138	80795	43.958	ng	94
63) Azobenzene	10.657	77	437684	42.705	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	63088	44.208	ng	98
66) n-Nitrosodiphenylamine	10.616	169	329487	45.233	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	128418	44.305	ng	92
68) Hexachlorobenzene	11.051	284	142387	45.415	ng	96
69) Atrazine	11.151	200	122304	52.873	ng	95
70) Pentachlorophenol	11.251	266	140390	86.980	ng	98
71) Phenanthrene	11.474	178	550914	43.867	ng	99
72) Anthracene	11.527	178	558757	45.730	ng	99
73) Carbazole	11.680	167	454108	45.532	ng	98
74) Di-n-butylphthalate	12.010	149	561972	45.930	ng	100
75) Fluoranthene	12.669	202	551702	42.661	ng	100
77) Benzidine	12.792	184	201339	59.423	ng	99
78) Pyrene	12.898	202	554073	44.435	ng	100
80) Butylbenzylphthalate	13.515	149	189844	52.610	ng	98
81) Benzo(a)anthracene	14.092	228	420930	46.093	ng	100
82) 3,3'-Dichlorobenzidine	14.057	252	95844	36.888	ng	95
83) Chrysene	14.133	228	394614	45.452	ng	98
84) Bis(2-ethylhexyl)phtha...	14.074	149	245671	49.849	ng	99
85) Di-n-octyl phthalate	14.698	149	377942	47.036	ng	99
87) Indeno(1,2,3-cd)pyrene	17.156	276	449495	41.414	ng	99
88) Benzo(b)fluoranthene	15.168	252	382383	43.624	ng	98
89) Benzo(k)fluoranthene	15.198	252	391858	42.831	ng	99
90) Benzo(a)pyrene	15.551	252	348692	46.614	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	381656	42.725	ng	99
92) Benzo(g,h,i)perylene	17.627	276	376466	41.933	ng	100

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

Manual Integrations APPROVED

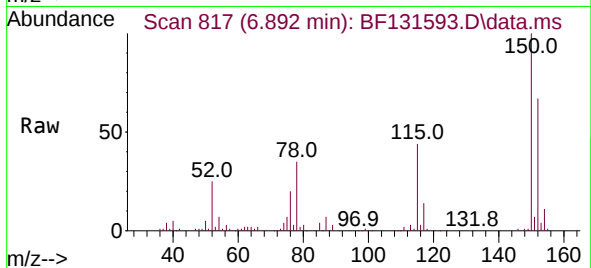
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131593.D
 Acq: 12 Dec 2022 15:26

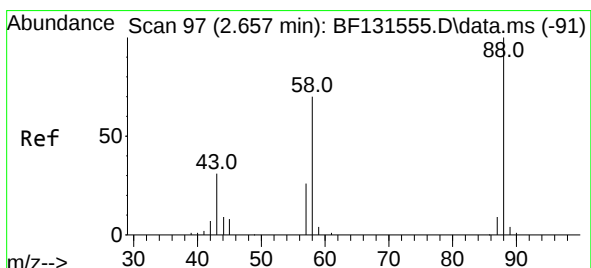
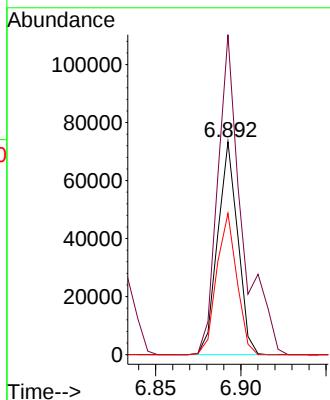
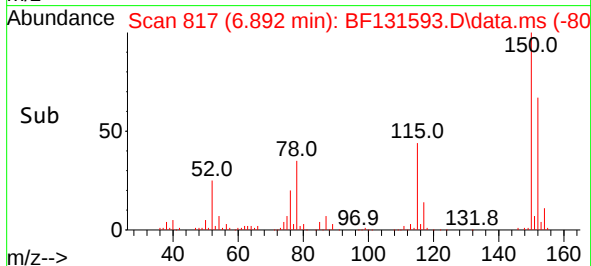
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-05MS



Tgt Ion:152 Resp: 59994
 Ion Ratio Lower Upper
 152 100
 150 150.3 116.7 175.1
 115 66.3 54.6 82.0

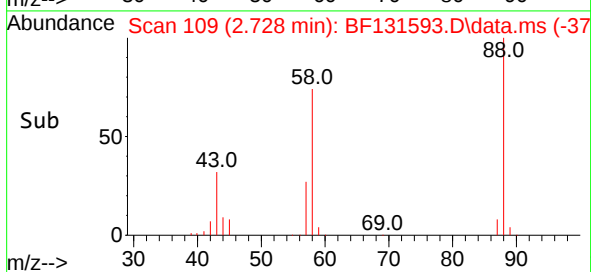
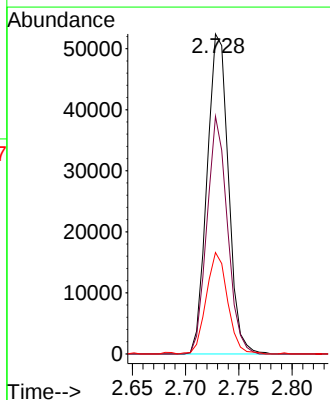
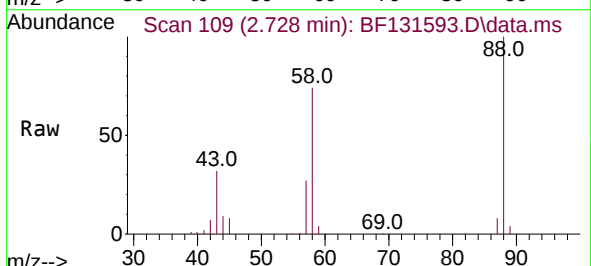
Manual Integrations
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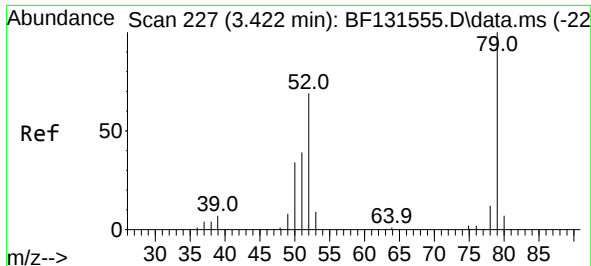
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022



#2
 1,4-Dioxane
 Concen: 44.962 ng
 RT: 2.728 min Scan# 109
 Delta R.T. 0.076 min
 Lab File: BF131593.D
 Acq: 12 Dec 2022 15:26

Tgt Ion: 88 Resp: 72983
 Ion Ratio Lower Upper
 88 100
 58 71.2 60.0 90.0
 43 31.7 26.7 40.1





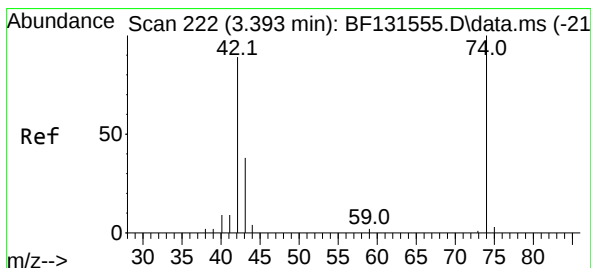
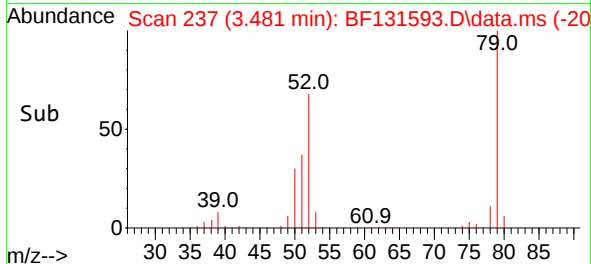
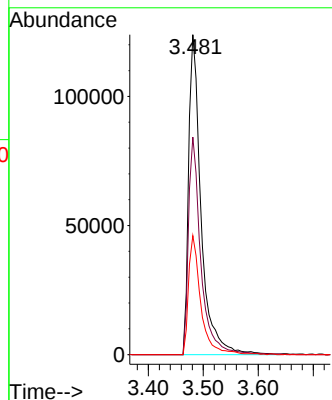
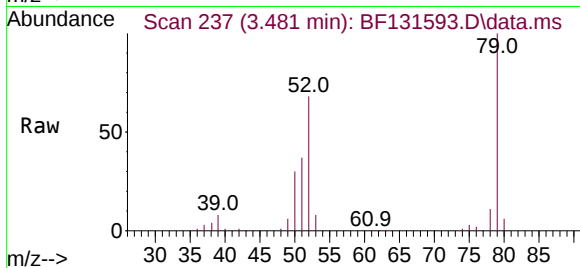
#3
Pyridine
Concen: 43.271 ng
RT: 3.481 min Scan# 231
Delta R.T. 0.071 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Instrument :
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ClientSampleId :
SU-518-COMP-05MS

Tgt Ion: 79 Resp: 195007
Ion Ratio Lower Upper
79 100
52 68.0 55.0 82.6
51 37.2 31.4 47.2

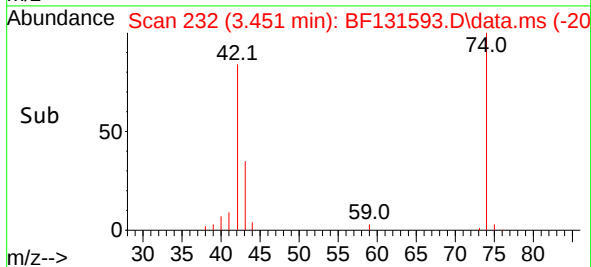
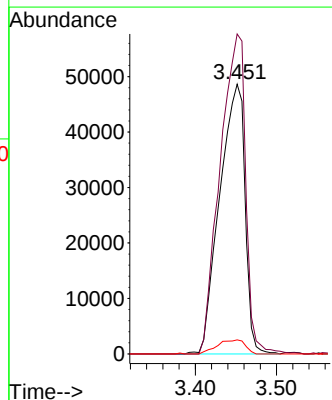
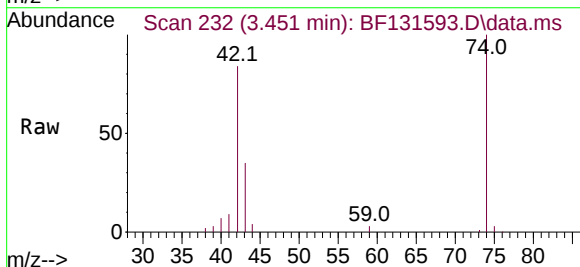
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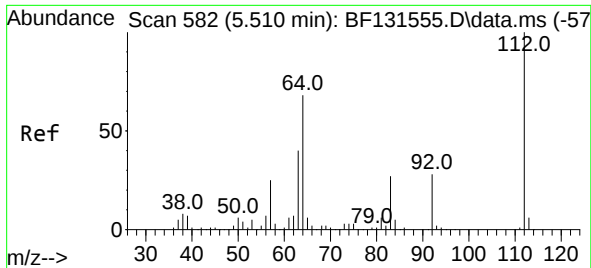
Reviewed By :Christian Giraldo 12/13/2022
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#4
n-Nitrosodimethylamine
Concen: 42.459 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.071 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion: 42 Resp: 105528
Ion Ratio Lower Upper
42 100
74 118.6 90.2 135.2
44 5.2 3.7 5.5





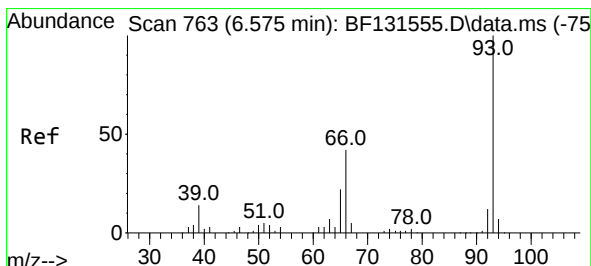
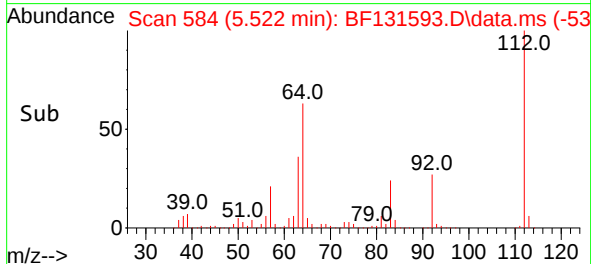
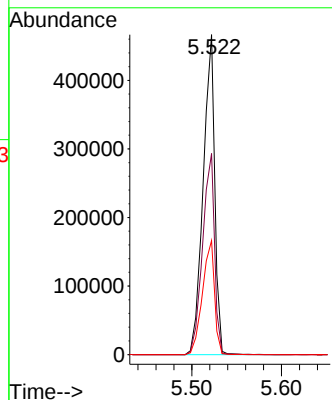
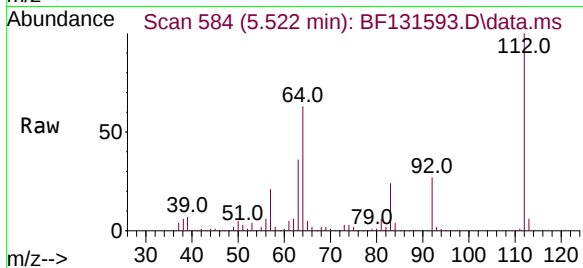
#5
2-Fluorophenol
Concen: 116.358 ng
RT: 5.522 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Instrument :
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ClientSampleId :
SU-518-COMP-05MS

Tgt Ion:112 Resp: 418440
Ion Ratio Lower Upper
112 100
64 62.8 54.5 81.7
63 35.6 31.9 47.9

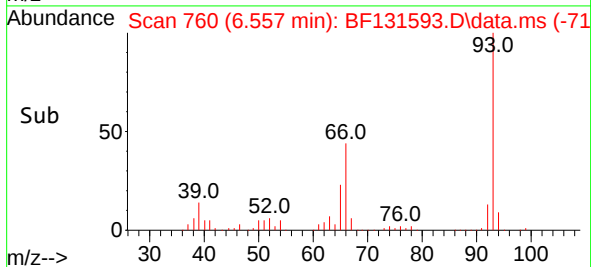
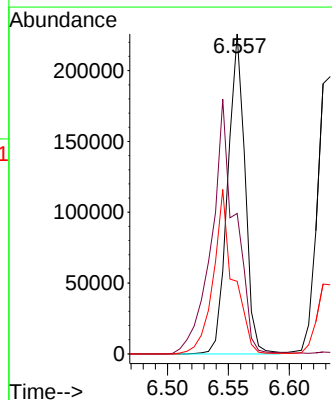
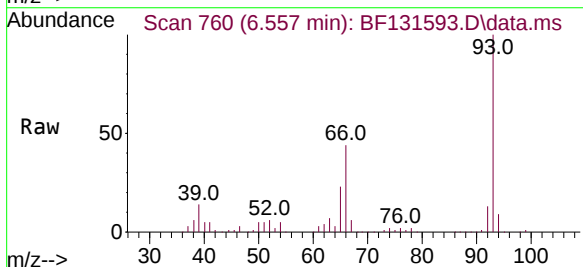
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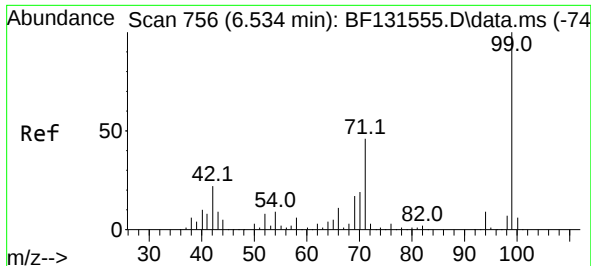
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#6
Aniline
Concen: 39.664 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion: 93 Resp: 223542
Ion Ratio Lower Upper
93 100
66 43.9 34.6 51.8
65 22.7 17.7 26.5





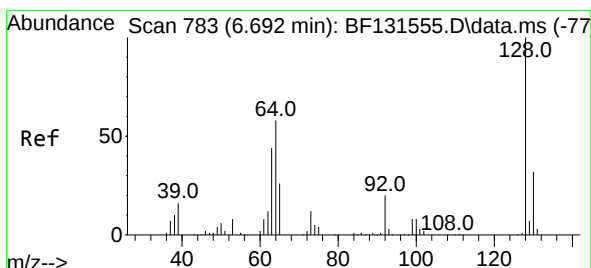
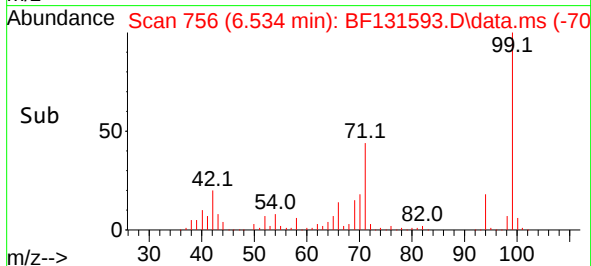
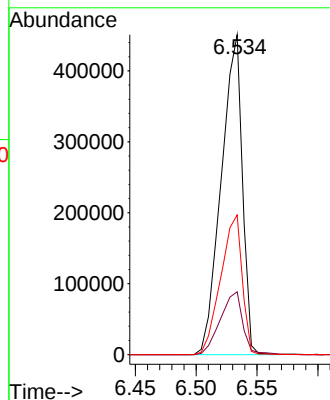
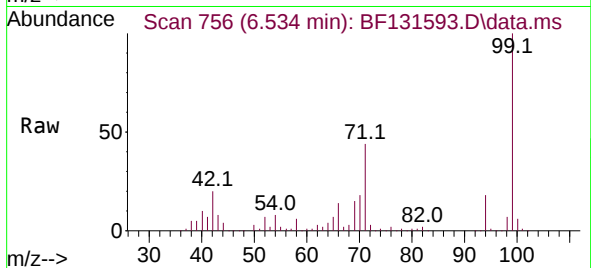
#7
Phenol-d6
Concen: 115.413 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Instrument :
BNA_F
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SU-518-COMP-05MS

Tgt Ion: 99 Resp: 54388
Ion Ratio Lower Upper
99 100
42 19.6 17.9 26.9
71 43.6 37.2 55.8

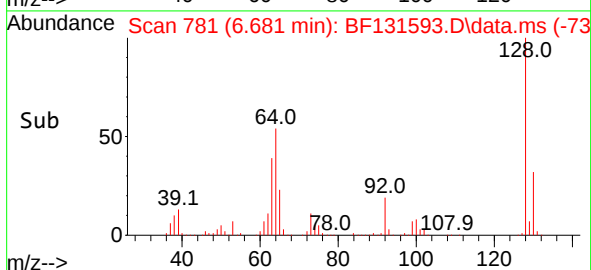
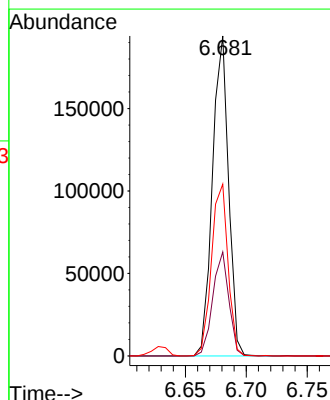
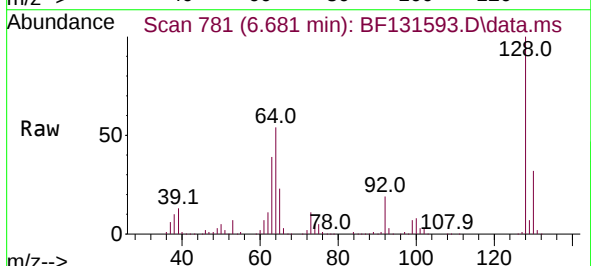
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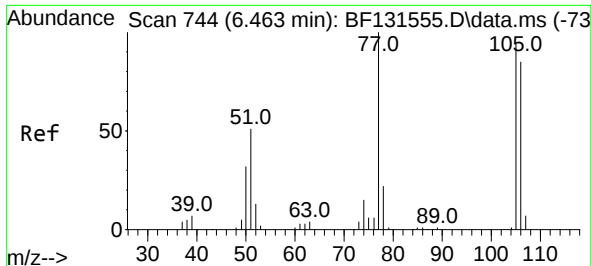
Reviewed By :Christian Giraldo 12/13/2022
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#8
2-Chlorophenol
Concen: 46.673 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion:128 Resp: 177871
Ion Ratio Lower Upper
128 100
130 32.5 11.6 51.6
64 53.7 40.6 80.6





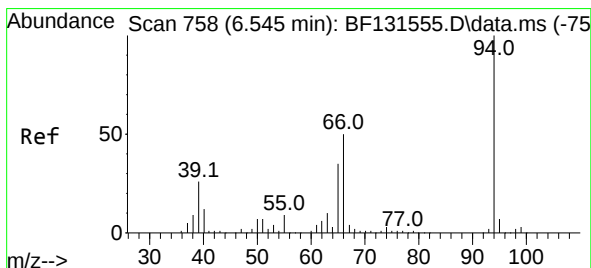
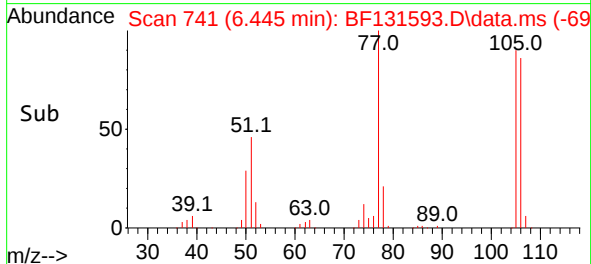
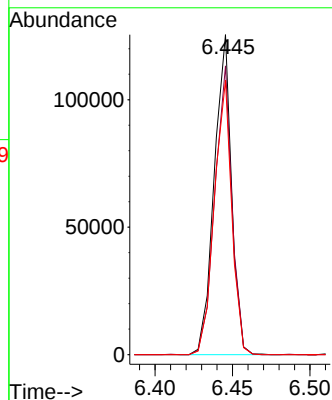
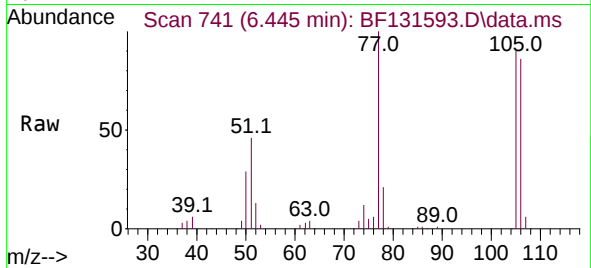
#9
Benzaldehyde
Concen: 30.323 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

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BNA_F
ClientSampleId :
SU-518-COMP-05MS

Tgt Ion: 77 Resp: 97891
Ion Ratio Lower Upper
77 100
105 90.2 73.8 113.8
106 85.7 65.2 105.2

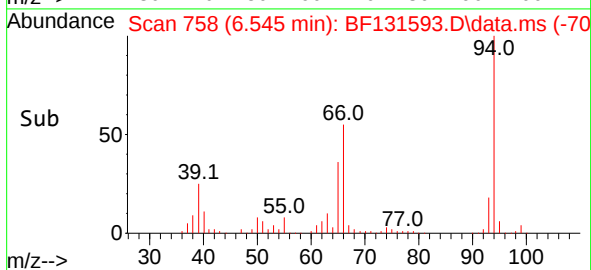
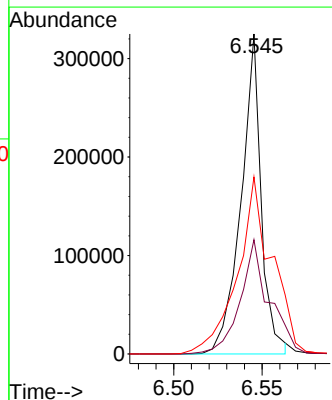
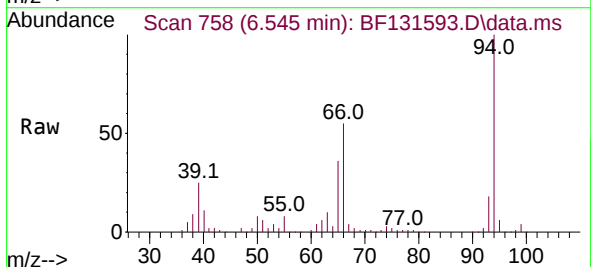
Manual Integrations
APPROVED

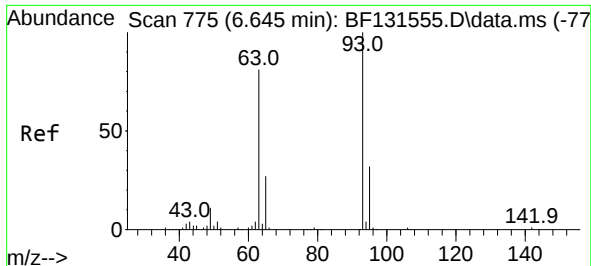
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#10
Phenol
Concen: 49.142 ng m
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

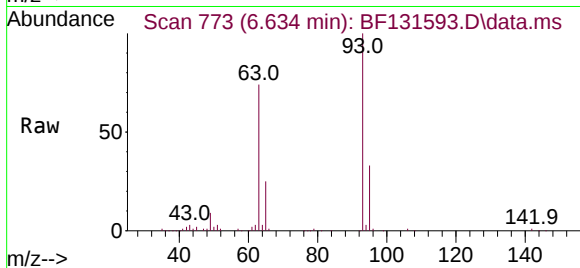
Tgt Ion: 94 Resp: 258312
Ion Ratio Lower Upper
94 100
65 35.7 14.8 54.8
66 55.3 30.8 70.8





#11
bis(2-Chloroethyl)ether
Concen: 47.269 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

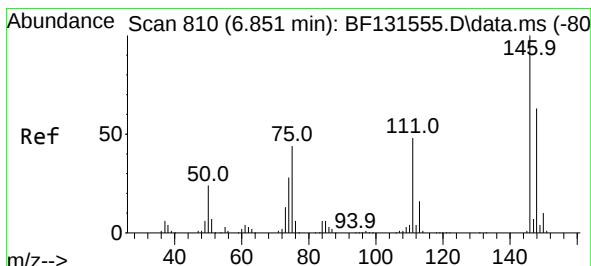
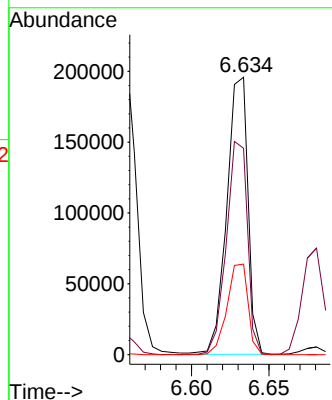
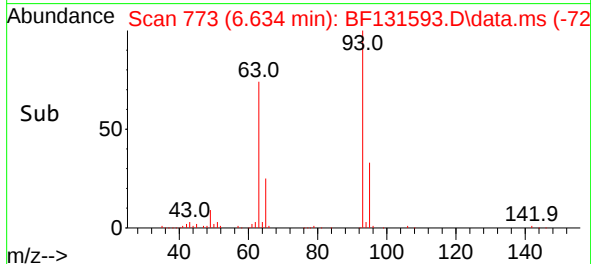
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



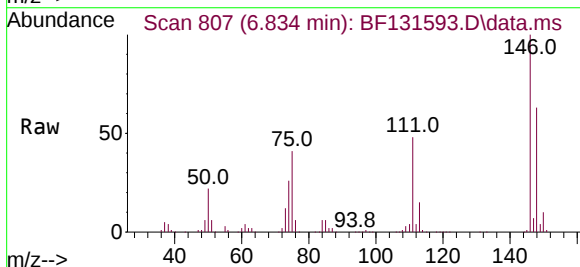
Tgt Ion: 93 Resp: 186252
Ion Ratio Lower Upper
93 100
63 74.4 60.4 100.4
95 32.6 12.3 52.3

Manual Integrations
APPROVED

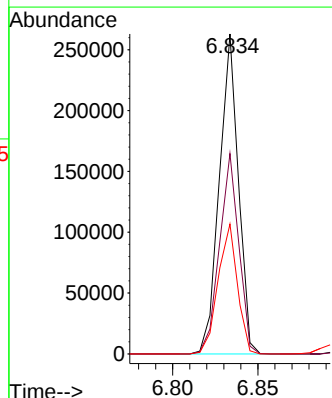
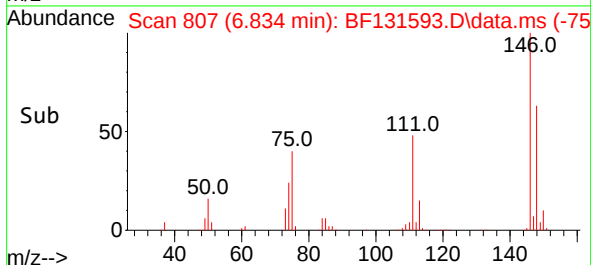
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

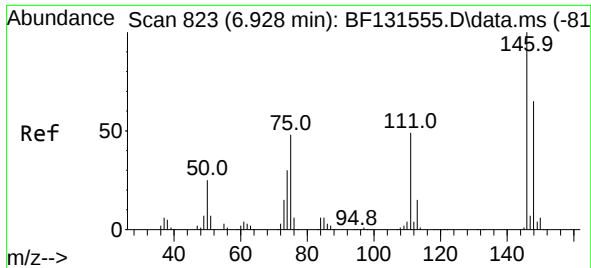


#12
1,3-Dichlorobenzene
Concen: 46.169 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



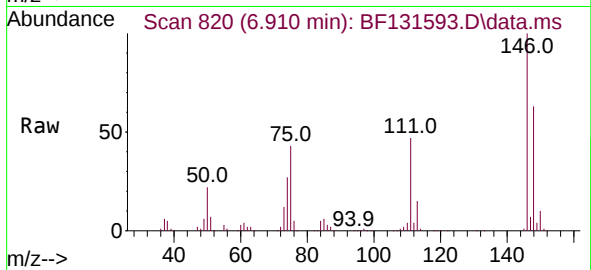
Tgt Ion:146 Resp: 203992
Ion Ratio Lower Upper
146 100
148 62.6 50.7 76.1
75 40.6 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 45.784 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

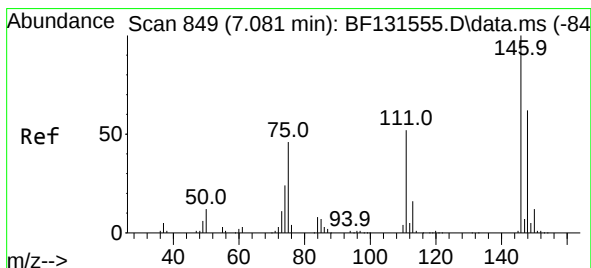
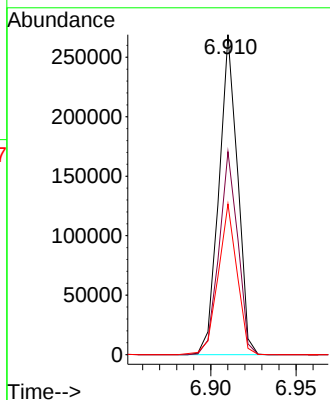
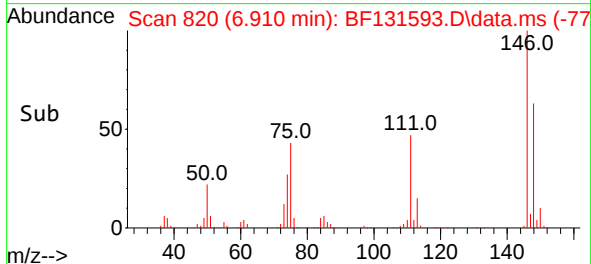
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



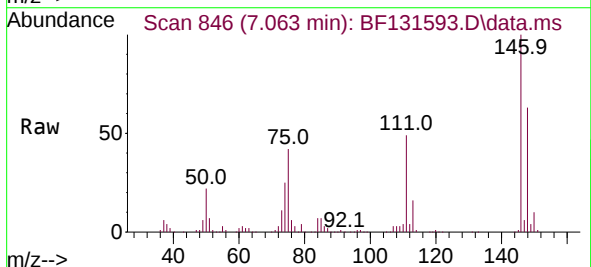
Tgt Ion:146 Resp: 204049
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
111 47.1 38.9 58.3

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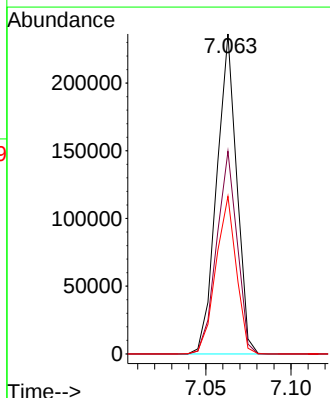
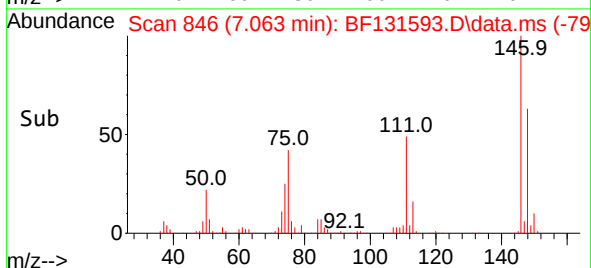
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

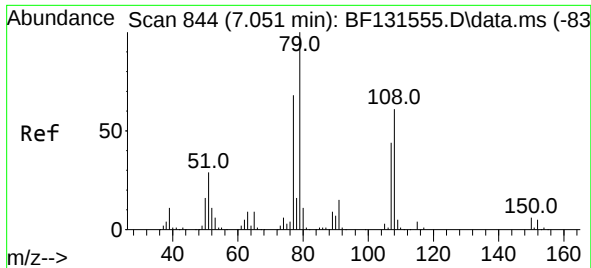


#14
1,2-Dichlorobenzene
Concen: 45.339 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



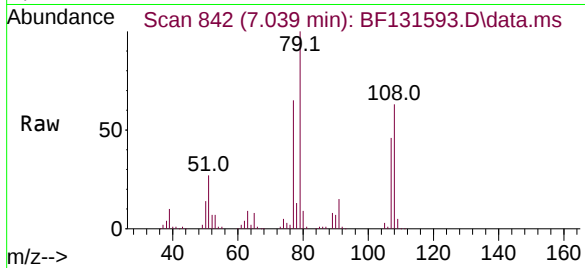
Tgt Ion:146 Resp: 193024
Ion Ratio Lower Upper
146 100
148 63.3 49.9 74.9
111 49.2 41.8 62.6





#15
Benzyl Alcohol
Concen: 44.443 ng
RT: 7.039 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

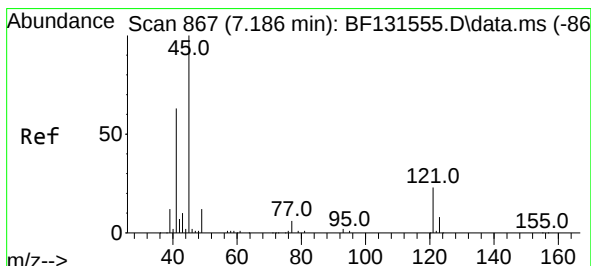
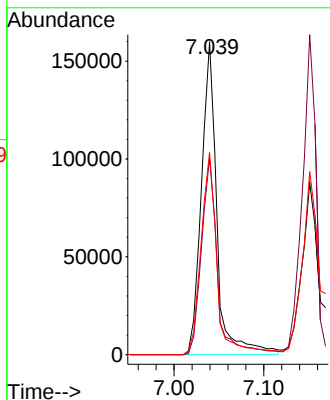
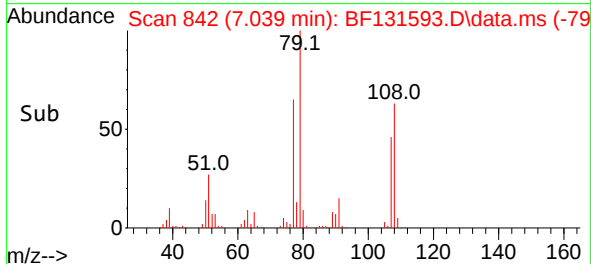
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion: 79 Resp: 192008
Ion Ratio Lower Upper
79 100
108 62.8 49.2 73.8
77 64.7 54.5 81.7

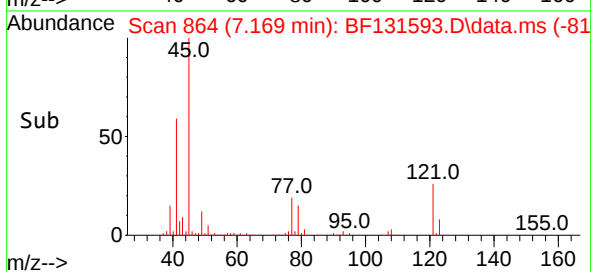
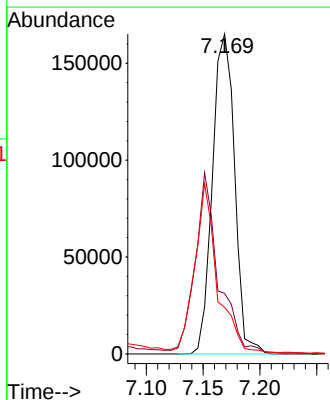
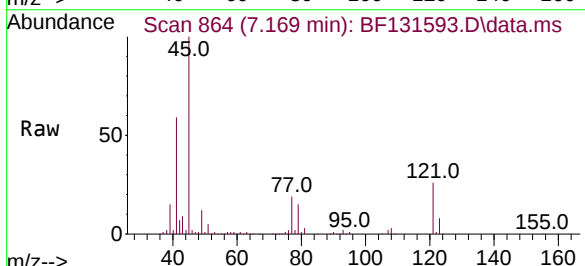
Manual Integrations
APPROVED

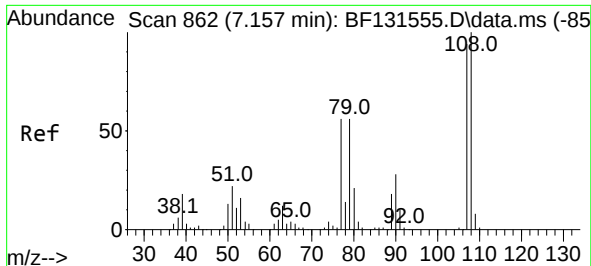
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.955 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

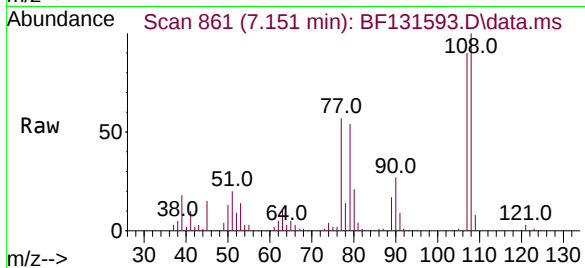
Tgt Ion: 45 Resp: 223726
Ion Ratio Lower Upper
45 100
77 18.9 0.0 37.7
79 14.5 0.0 33.6





#17
2-Methylphenol
Concen: 47.769 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

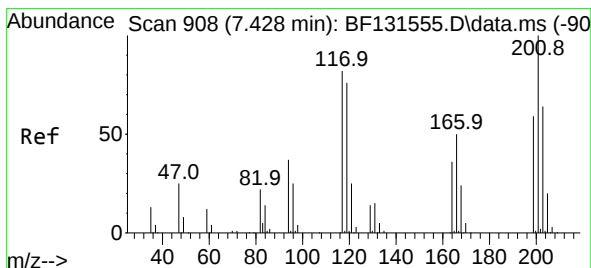
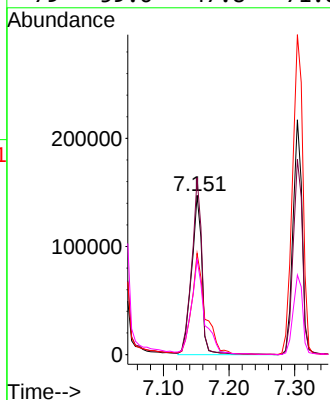
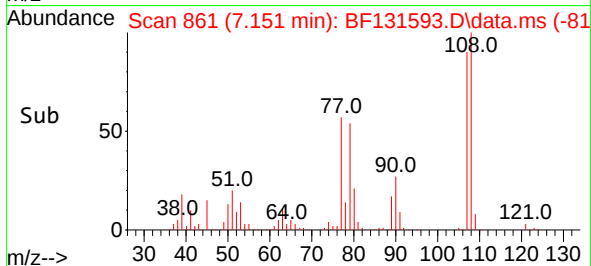
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:107 Resp: 164068
Ion Ratio Lower Upper
107 100
108 111.0 85.5 128.3
77 63.5 48.2 72.4
79 59.6 47.8 71.8

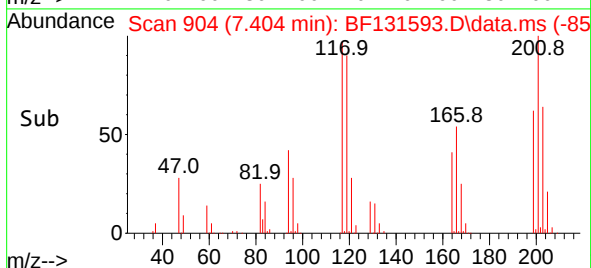
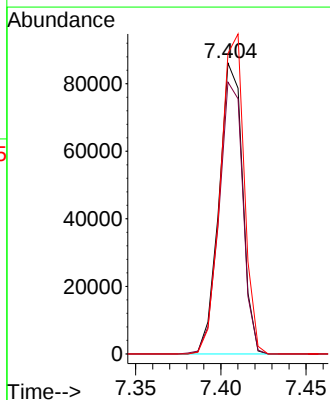
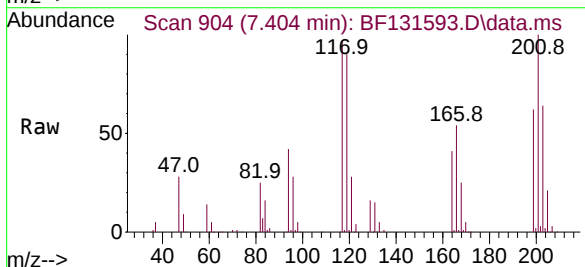
Manual Integrations
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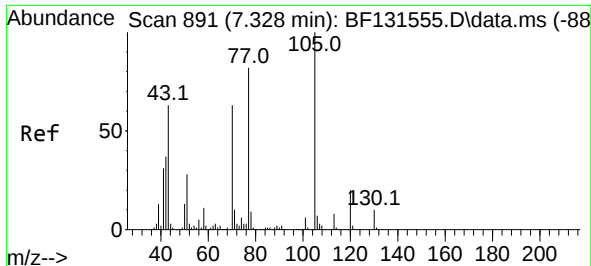
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#18
Hexachloroethane
Concen: 46.007 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion:117 Resp: 82712
Ion Ratio Lower Upper
117 100
119 93.4 75.0 112.4
201 103.3 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.168 ng

RT: 7.310 min Scan# 88

Delta R.T. -0.006 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MS

Tgt Ion: 70 Resp: 152538

Ion Ratio Lower Upper

70 100

42 56.4 46.4 69.6

101 9.7 7.2 10.8

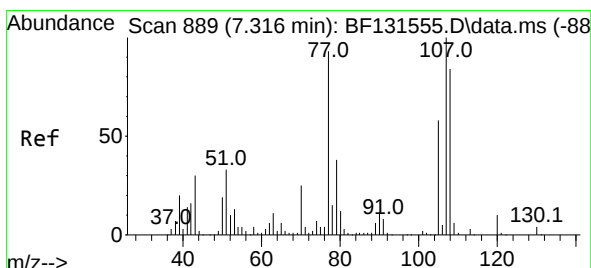
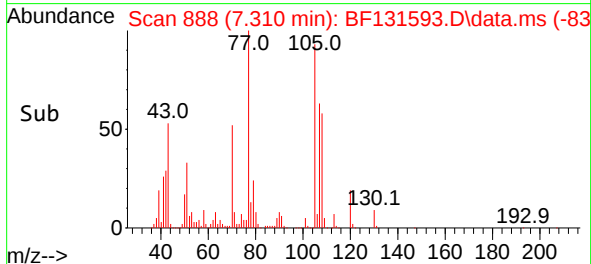
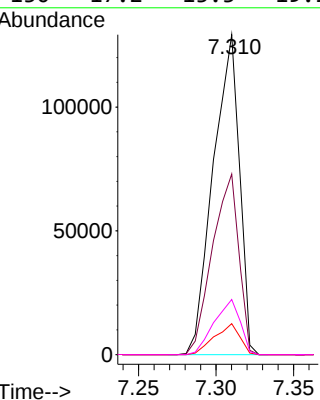
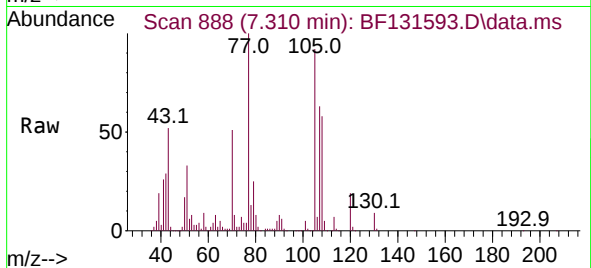
130 17.2 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#20

3+4-Methylphenols

Concen: 44.941 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Tgt Ion:107 Resp: 210240

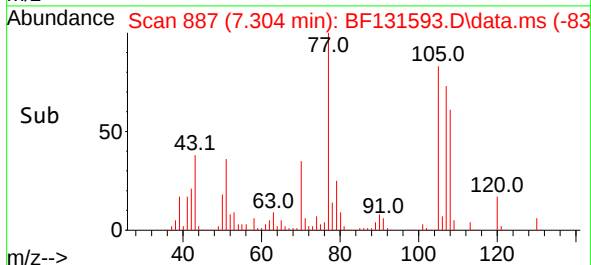
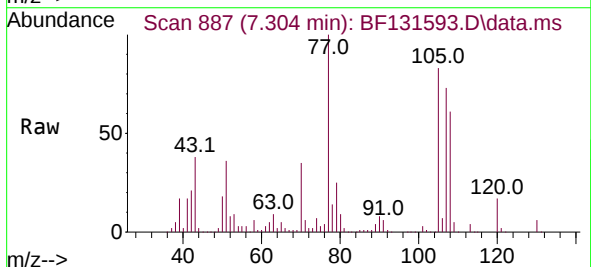
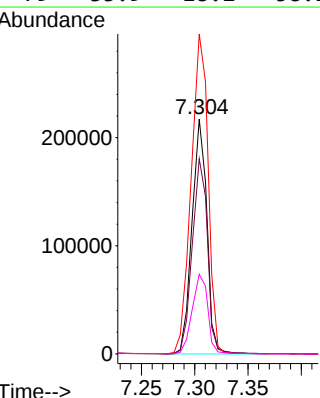
Ion Ratio Lower Upper

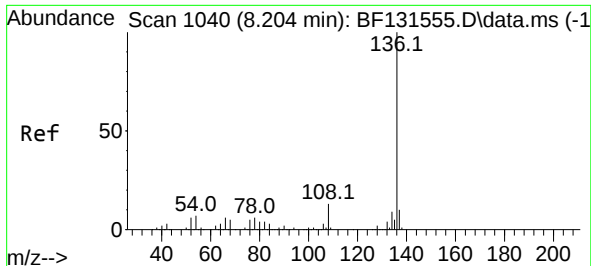
107 100

108 83.1 64.0 104.0

77 136.3 73.1 113.1#

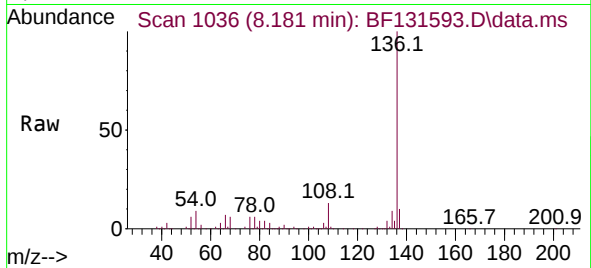
79 33.9 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

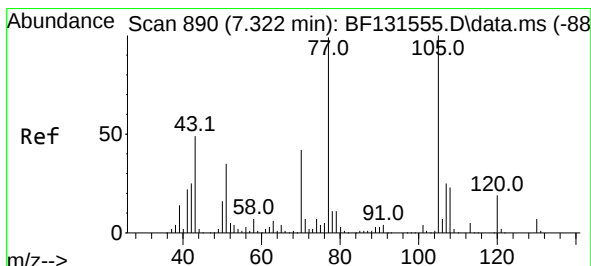
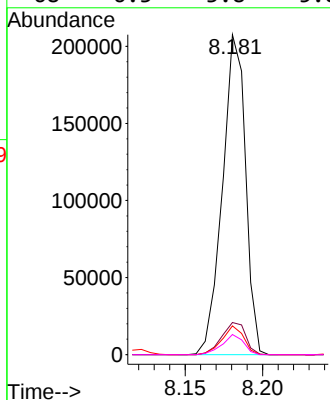
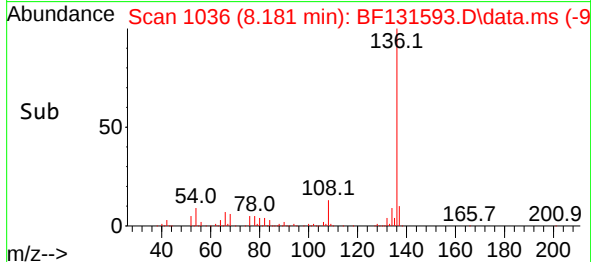
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:136 Resp: 215680
Ion Ratio Lower Upper
136 100
137 10.0 8.1 12.1
54 9.0 6.0 9.0
68 6.3 3.8 5.8#

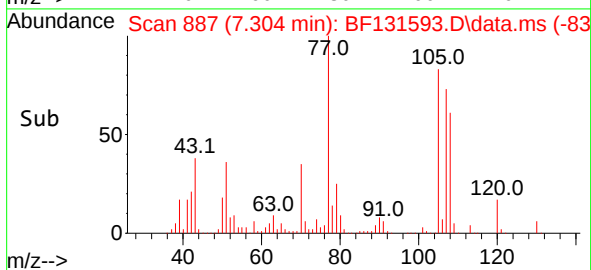
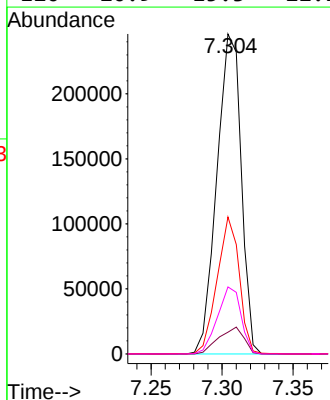
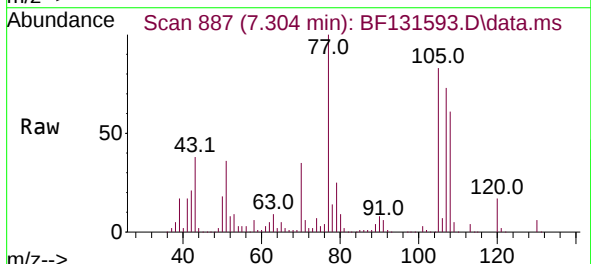
Manual Integrations
APPROVED

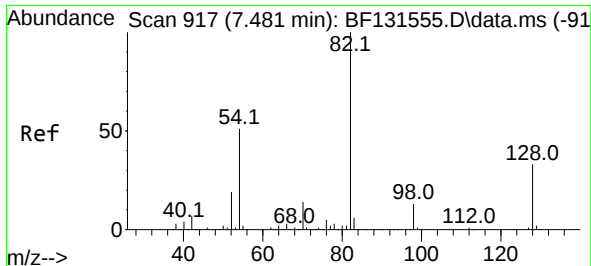
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#22
Acetophenone
Concen: 43.441 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion:105 Resp: 293612
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 42.8 27.8 41.6#
120 20.9 15.3 22.9





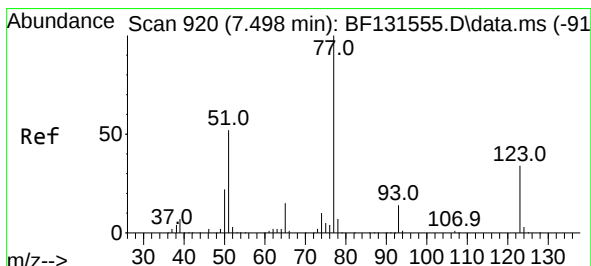
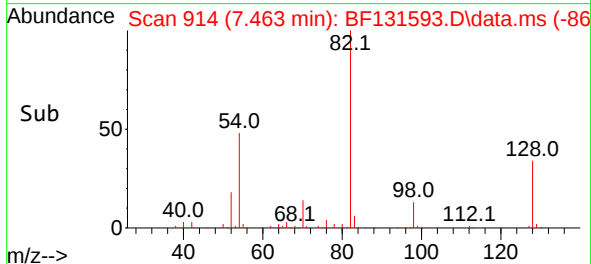
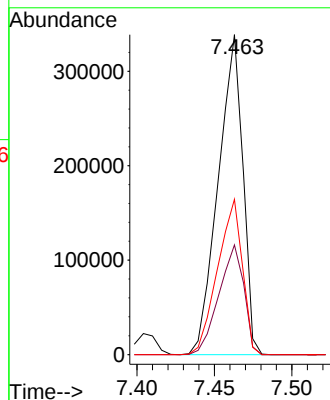
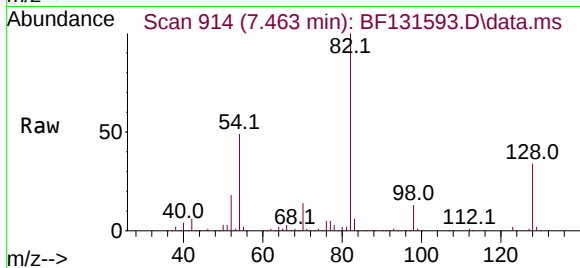
#23
Nitrobenzene-d5
Concen: 65.901 ng
RT: 7.463 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

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

Tgt Ion: 82 Resp: 375953
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 48.5 40.6 60.8

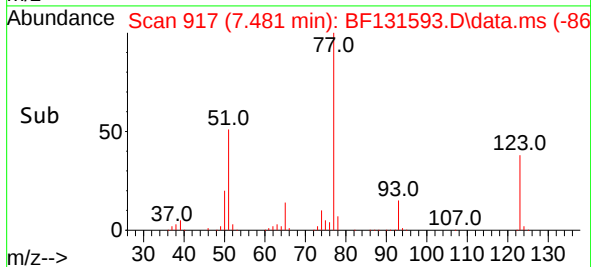
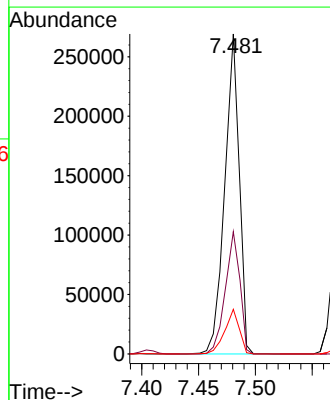
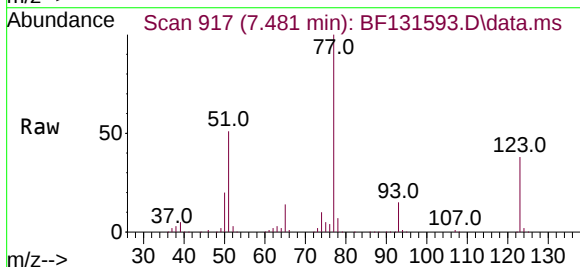
Manual Integrations
APPROVED

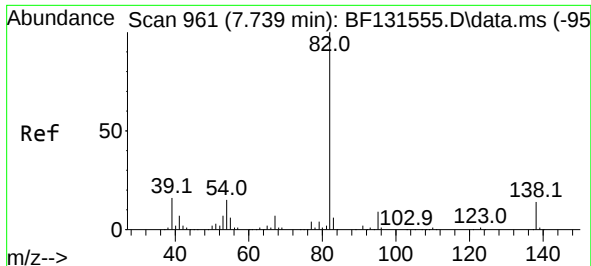
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#24
Nitrobenzene
Concen: 41.515 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion: 77 Resp: 238868
Ion Ratio Lower Upper
77 100
123 38.2 27.1 40.7
65 13.9 11.9 17.9





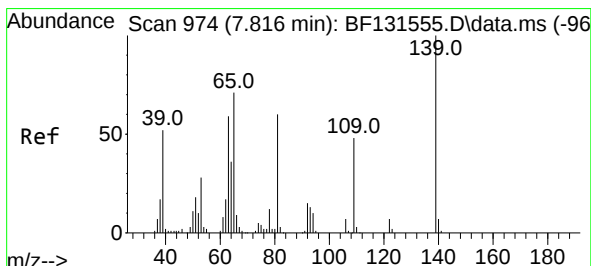
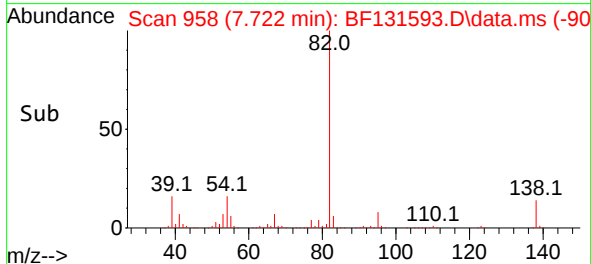
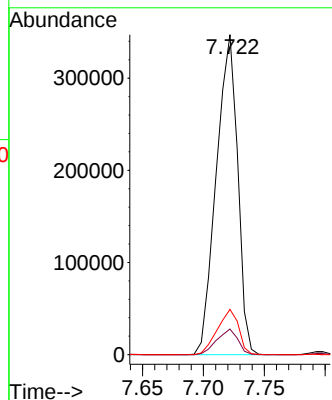
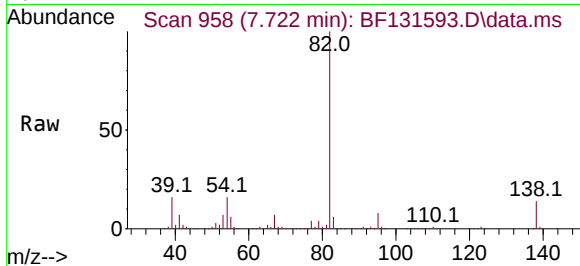
#25
Isophorone
Concen: 46.101 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

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

Tgt Ion: 82 Resp: 423622
Ion Ratio Lower Upper
82 100
95 8.0 6.9 10.3
138 14.1 11.4 17.0

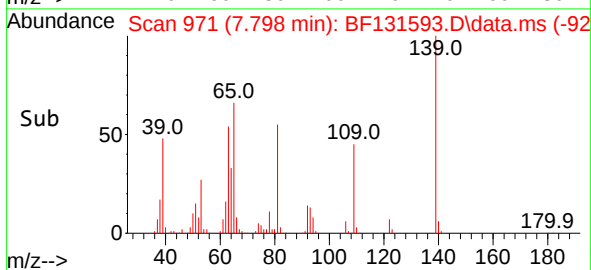
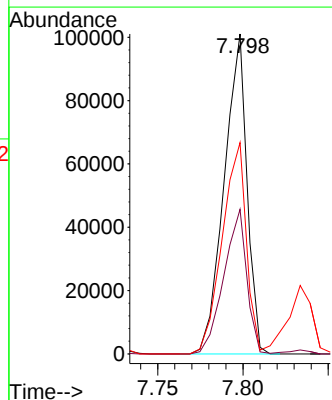
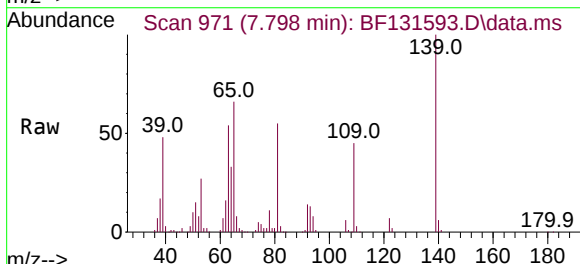
Manual Integrations
APPROVED

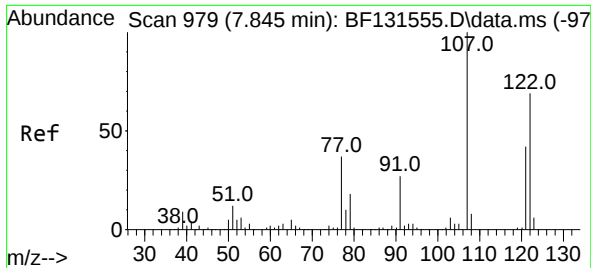
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#26
2-Nitrophenol
Concen: 47.946 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

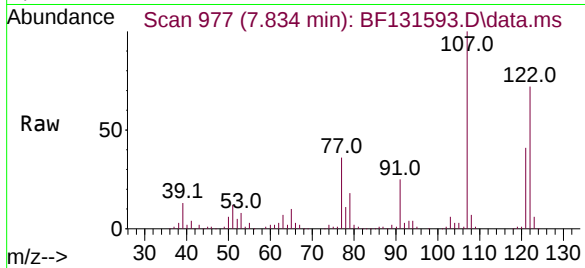
Tgt Ion:139 Resp: 94076
Ion Ratio Lower Upper
139 100
109 45.2 38.6 58.0
65 66.0 56.5 84.7





#27
2,4-Dimethylphenol
Concen: 53.856 ng
RT: 7.834 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

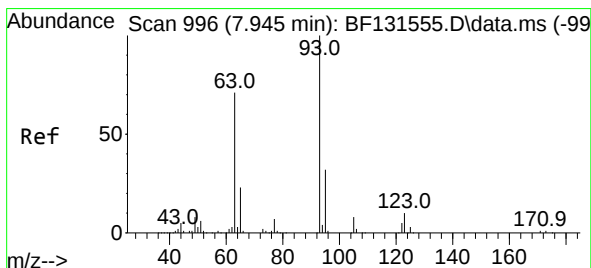
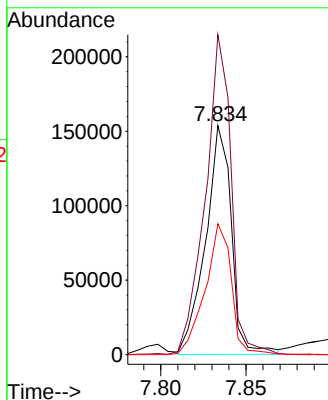
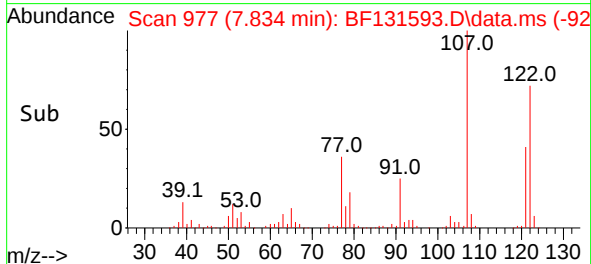
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



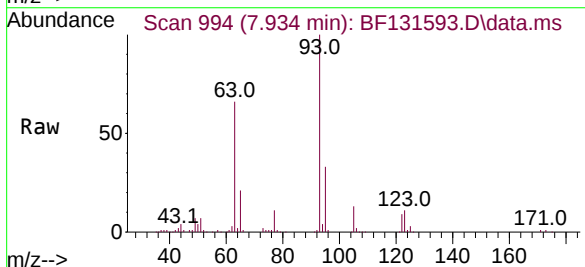
Tgt Ion:122 Resp: 161969
Ion Ratio Lower Upper
122 100
107 139.7 114.2 171.2
121 57.1 48.2 72.2

Manual Integrations
APPROVED

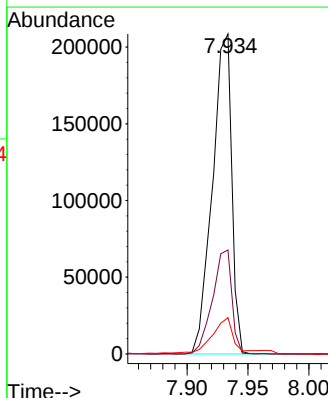
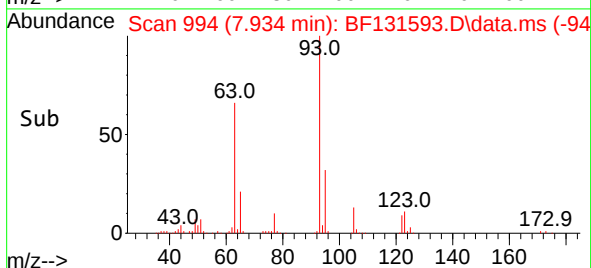
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

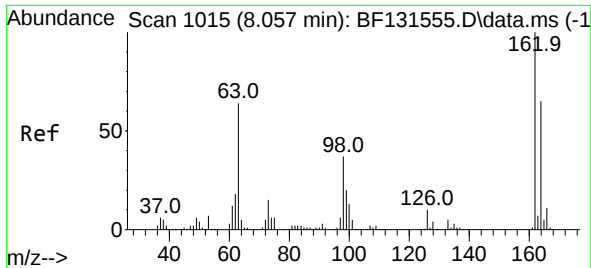


#28
bis(2-Chloroethoxy)methane
Concen: 48.379 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion: 93 Resp: 229973
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 44.337 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MS

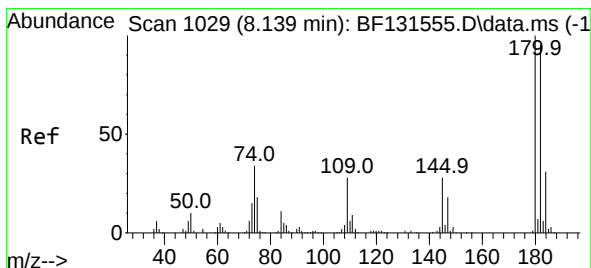
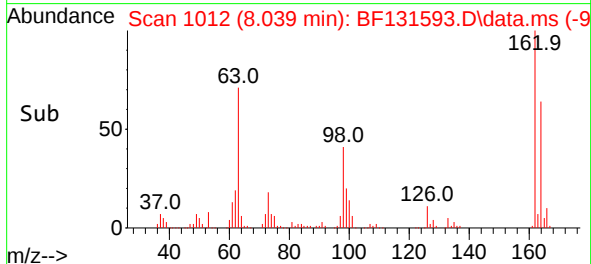
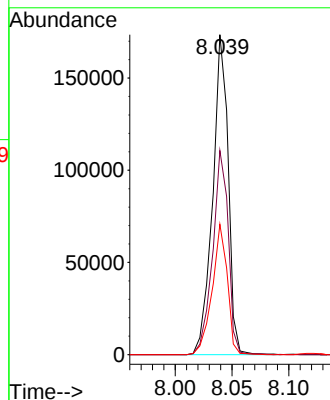
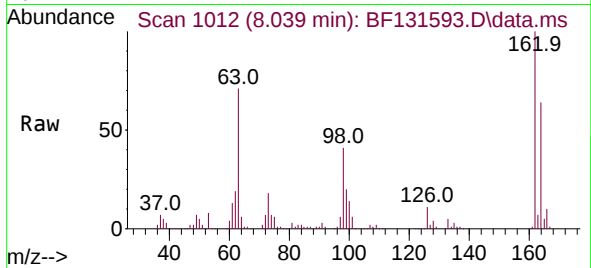
Tgt Ion:162	Resp: 164873
Ion Ratio	Lower Upper
162 100	
164 63.8	45.0 85.0
98 40.7	16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.118 ng

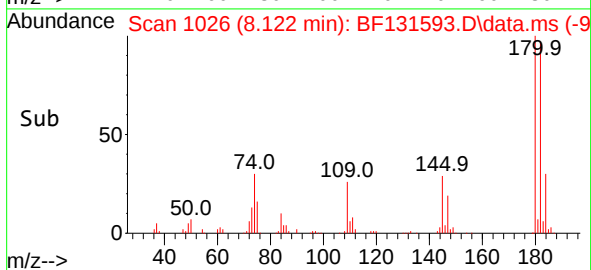
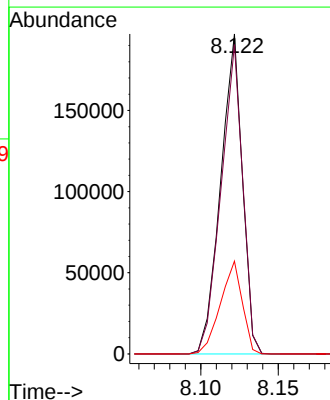
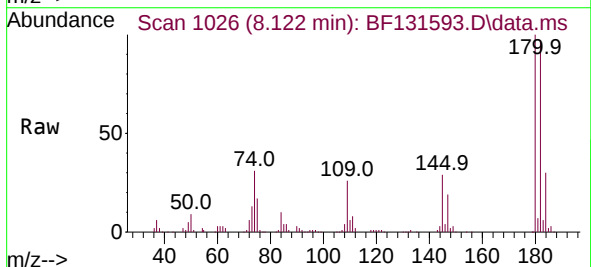
RT: 8.122 min Scan# 1026

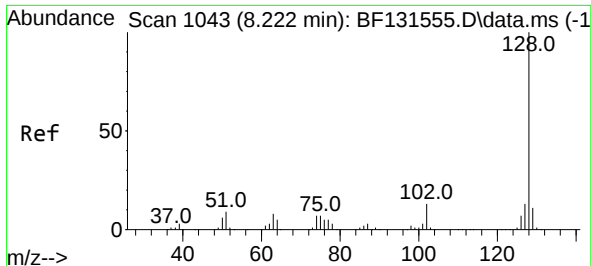
Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

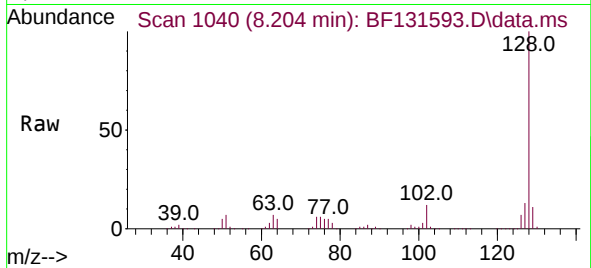
Tgt Ion:180	Resp: 192074
Ion Ratio	Lower Upper
180 100	
182 96.6	75.8 113.6
145 29.0	22.4 33.6





#31
Naphthalene
Concen: 43.167 ng
RT: 8.204 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

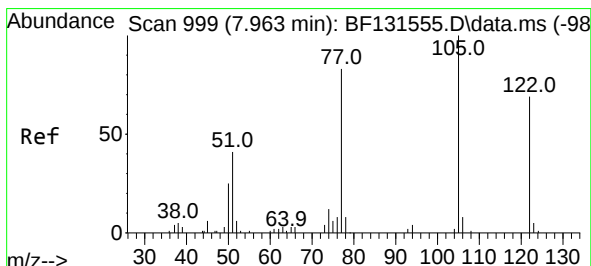
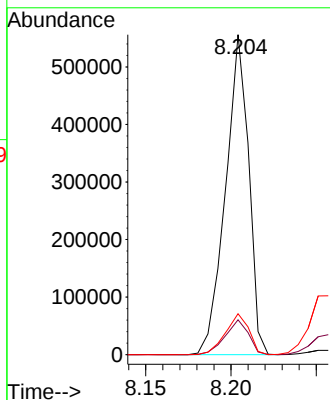
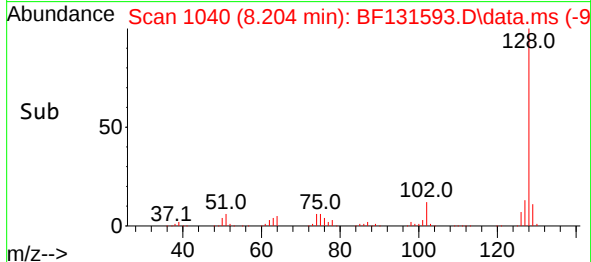
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:128 Resp: 524389
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.6 15.8

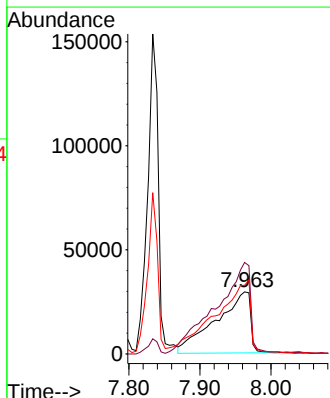
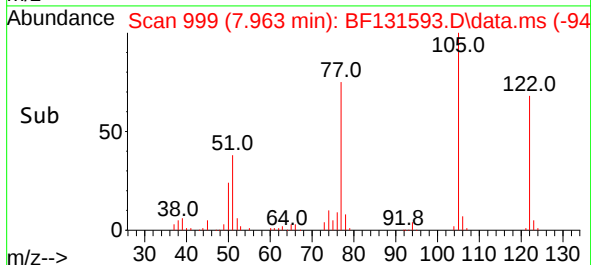
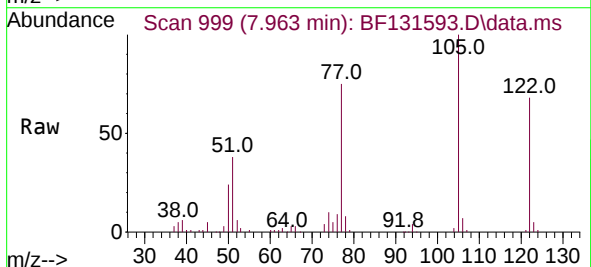
Manual Integrations
APPROVED

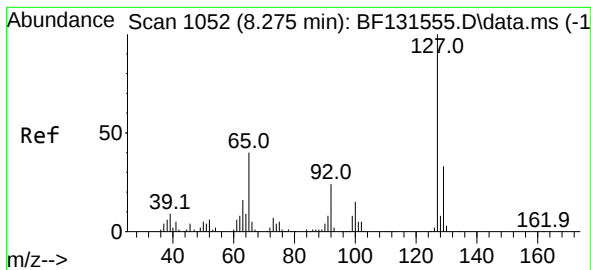
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#32
Benzoic acid
Concen: 45.814 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion:122 Resp: 99786
Ion Ratio Lower Upper
122 100
105 147.7 119.8 159.8
77 110.6 97.6 137.6





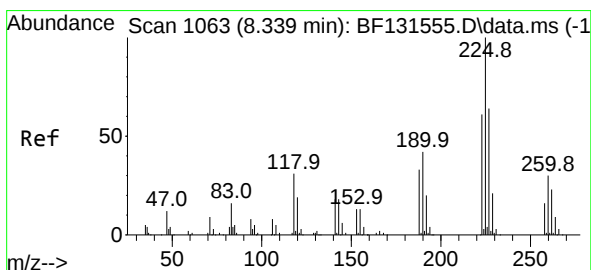
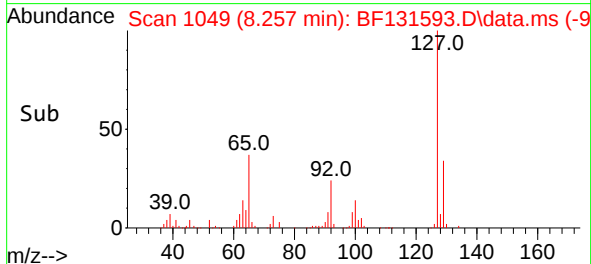
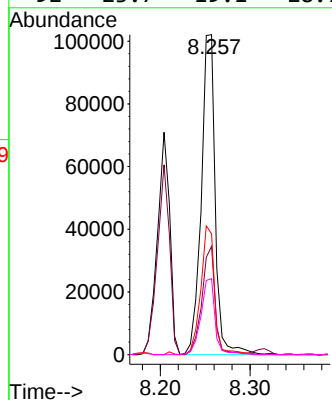
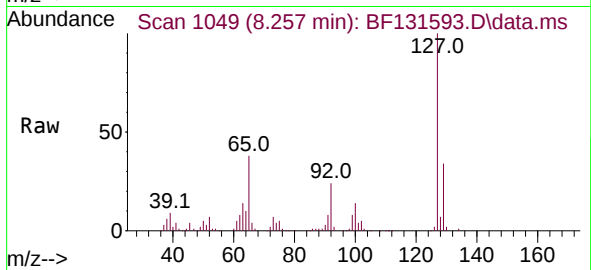
#33
4-Chloroaniline
Concen: 24.426 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

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

Tgt Ion:	127	Resp:	111223
Ion Ratio	Lower	Upper	
127	100		
129	33.8	26.4	39.6
65	37.8	31.9	47.9
92	23.7	19.1	28.7

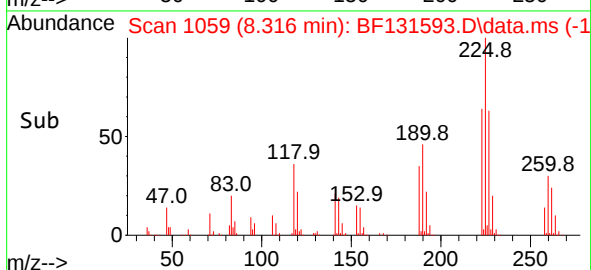
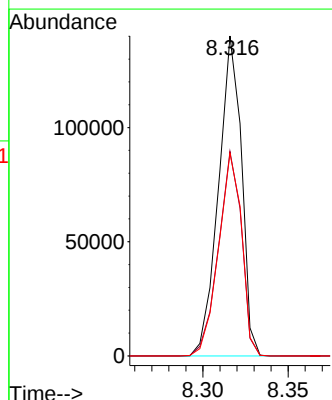
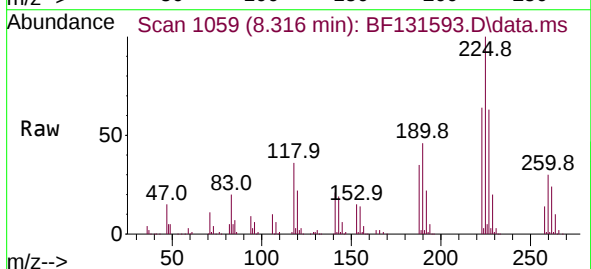
Manual Integrations
APPROVED

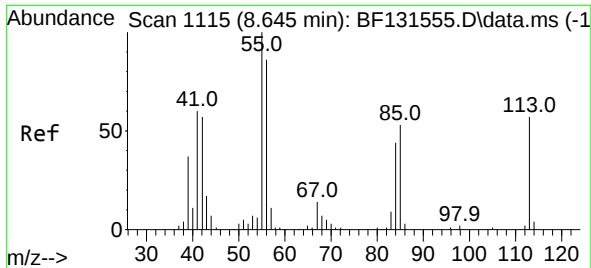
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#34
Hexachlorobutadiene
Concen: 40.728 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

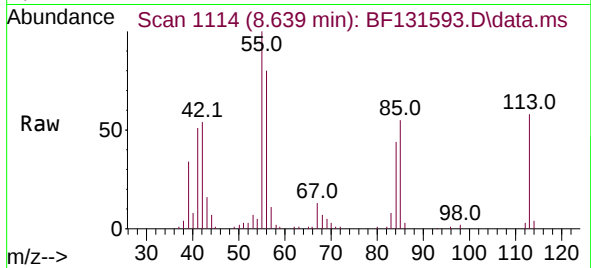
Tgt Ion:	225	Resp:	130900
Ion Ratio	Lower	Upper	
225	100		
223	63.9	48.7	73.1
227	63.3	51.0	76.6





#35
Caprolactam
Concen: 47.697 ng m
RT: 8.639 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

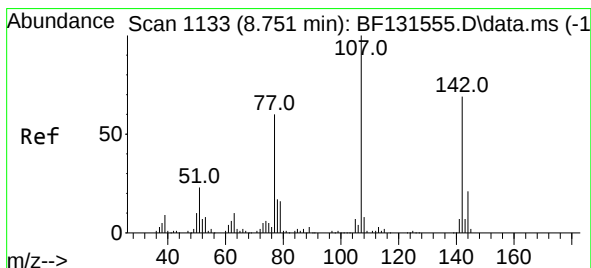
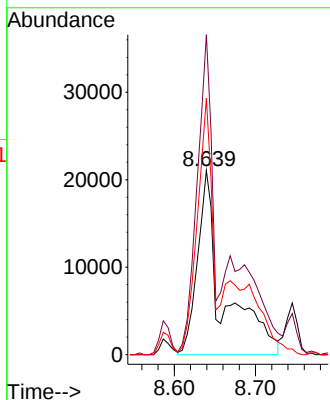
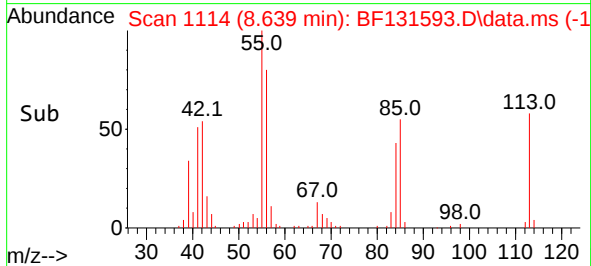
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:113 Resp: 45882
Ion Ratio Lower Upper
113 100
55 173.8 155.8 195.8
56 139.3 131.7 171.7

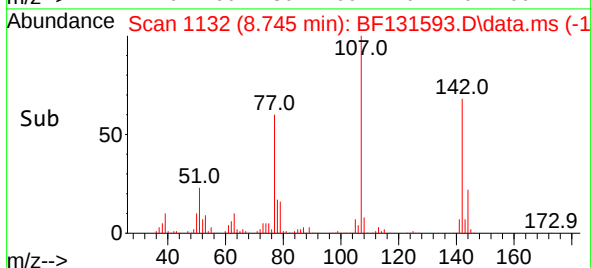
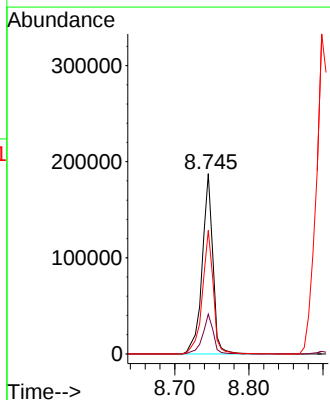
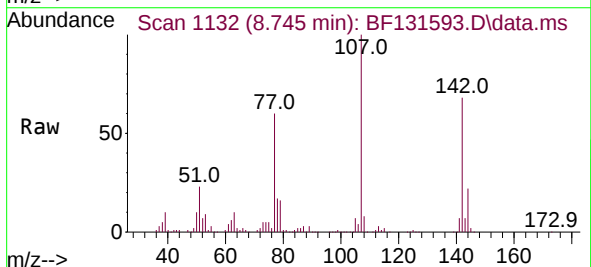
Manual Integrations
APPROVED

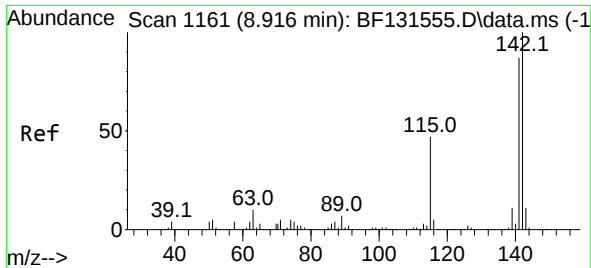
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#36
4-Chloro-3-methylphenol
Concen: 44.857 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

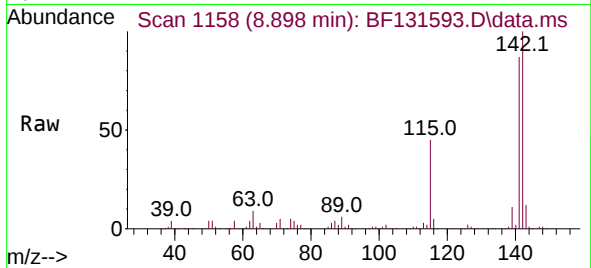
Tgt Ion:107 Resp: 187310
Ion Ratio Lower Upper
107 100
144 22.1 17.0 25.4
142 68.5 54.8 82.2





#37
2-Methylnaphthalene
Concen: 42.879 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

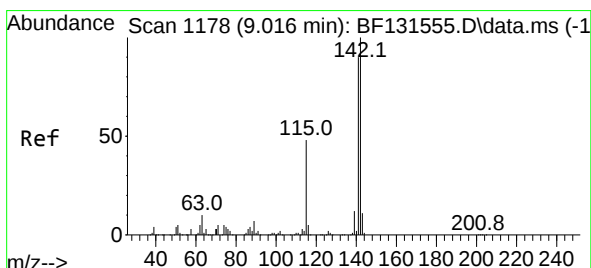
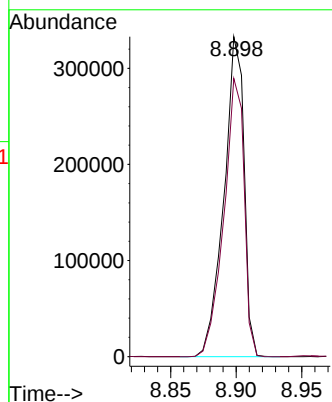
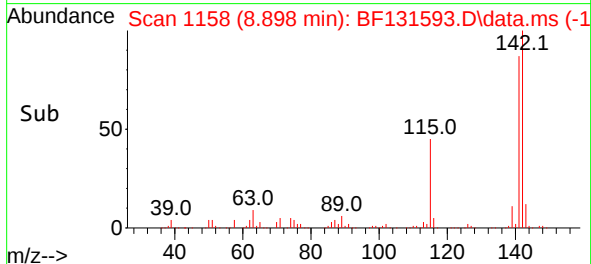
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:142 Resp: 356224
Ion Ratio Lower Upper
142 100
141 86.9 69.7 104.5

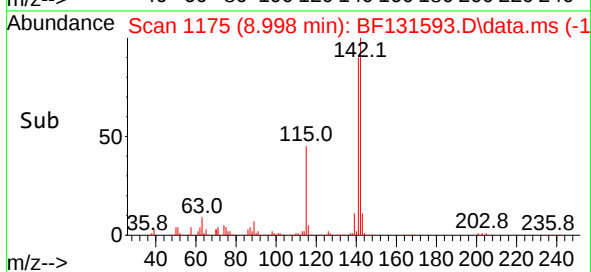
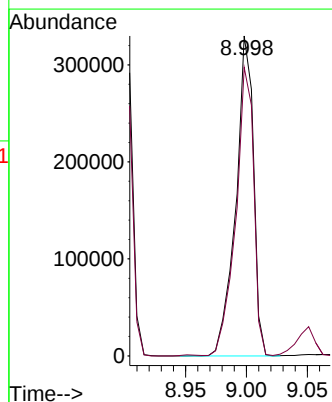
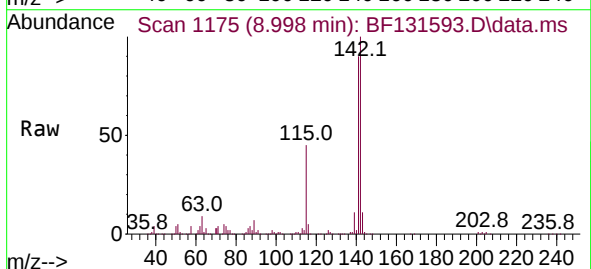
Manual Integrations
APPROVED

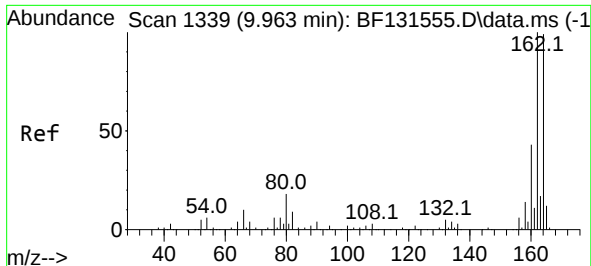
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#38
1-Methylnaphthalene
Concen: 41.841 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion:142 Resp: 333685
Ion Ratio Lower Upper
142 100
141 90.1 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: BF131593.D

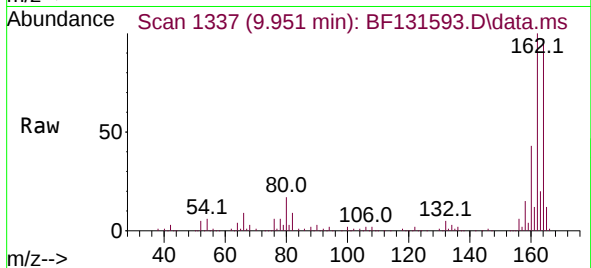
Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MS



Tgt Ion:164 Resp: 122836

Ion Ratio Lower Upper

164 100

162 102.9 81.0 121.6

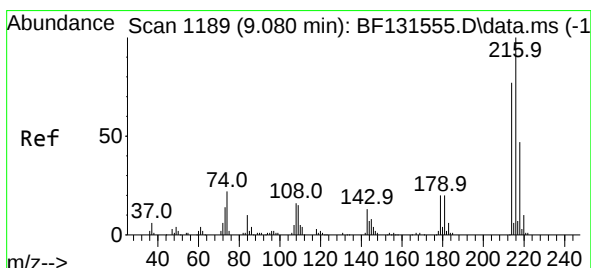
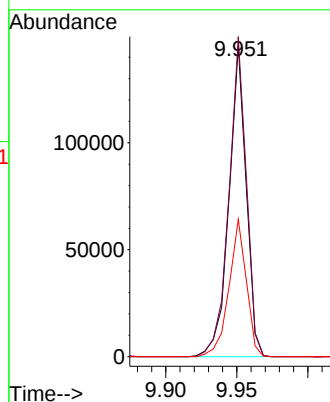
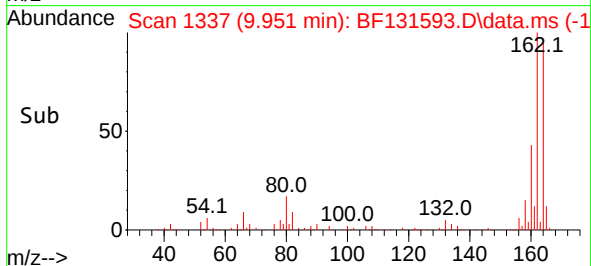
160 44.1 35.0 52.6

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: 46.101 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Tgt Ion:216 Resp: 209627

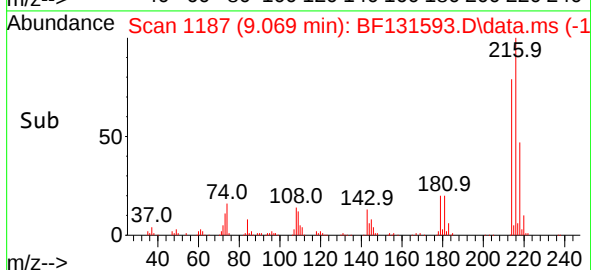
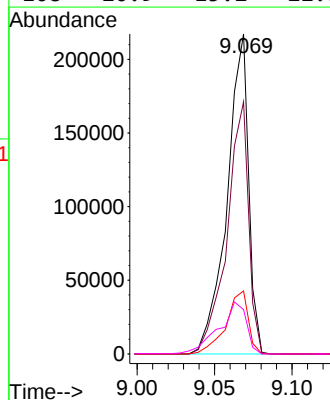
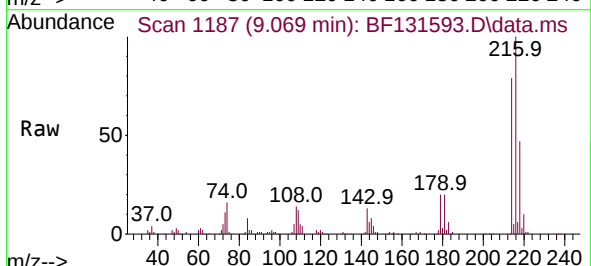
Ion Ratio Lower Upper

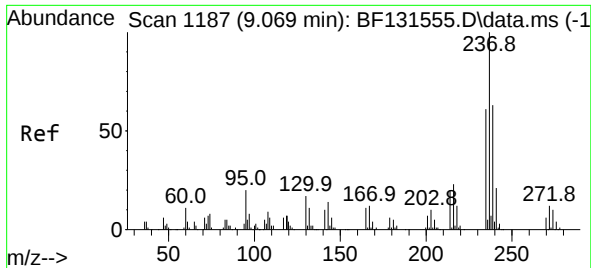
216 100

214 78.8 62.1 93.1

179 20.3 16.0 24.0

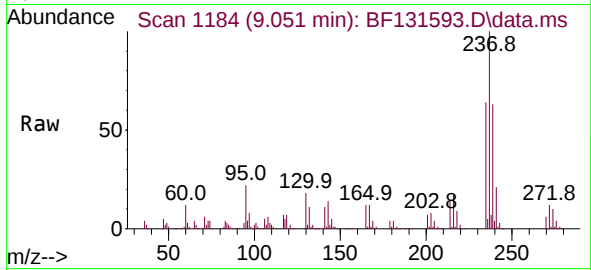
108 20.9 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 113.234 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

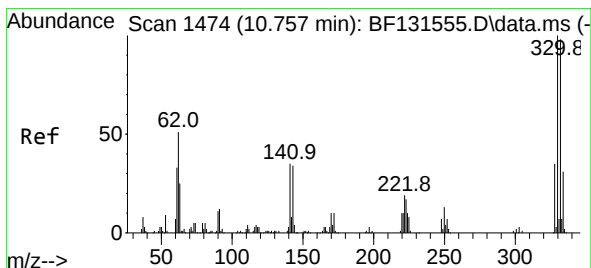
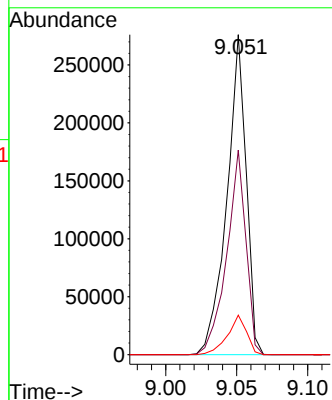
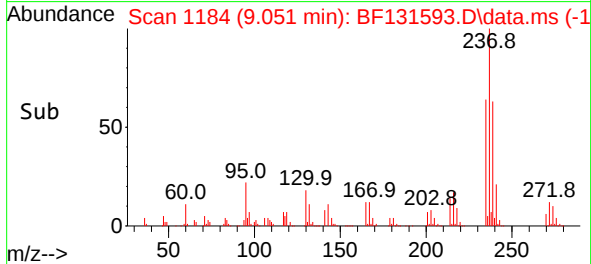
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



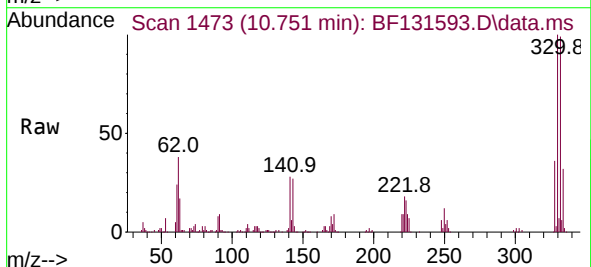
Tgt Ion:237 Resp: 261343
Ion Ratio Lower Upper
237 100
235 63.9 40.6 80.6
272 12.3 0.0 32.2

Manual Integrations
APPROVED

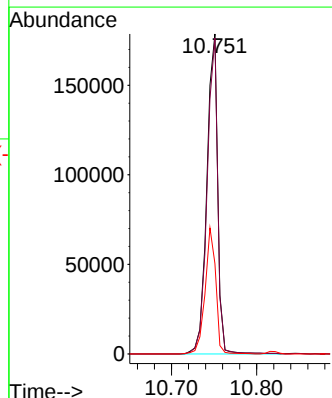
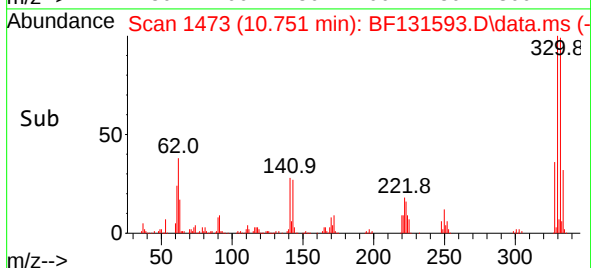
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

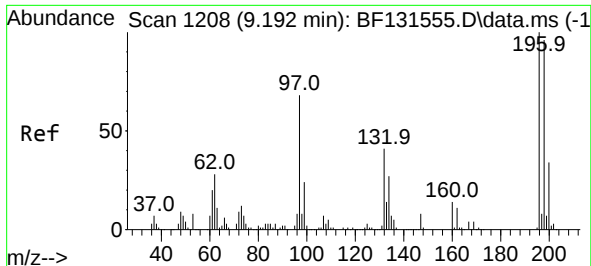


#42
2,4,6-Tribromophenol
Concen: 115.605 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



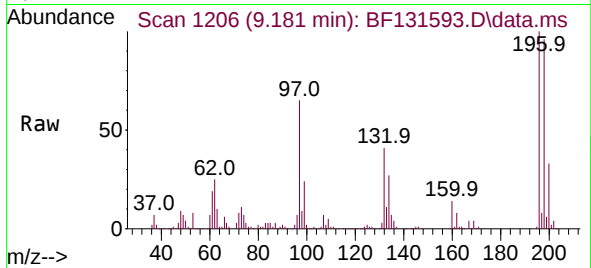
Tgt Ion:330 Resp: 157771
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 38.7 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 47.047 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

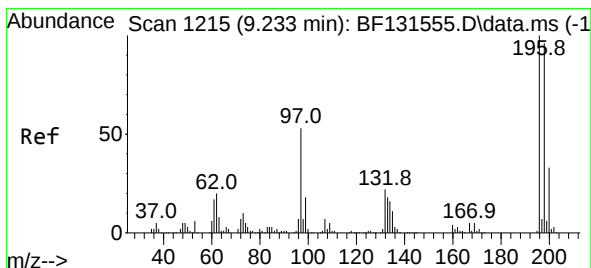
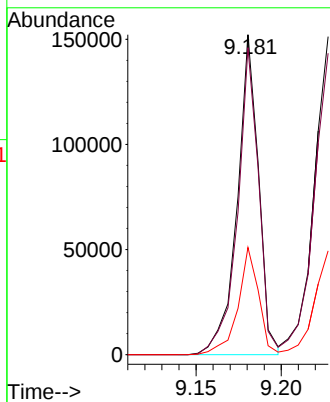
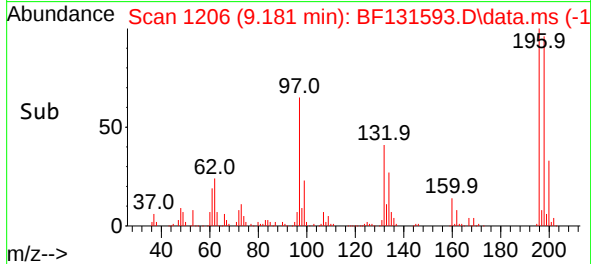
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



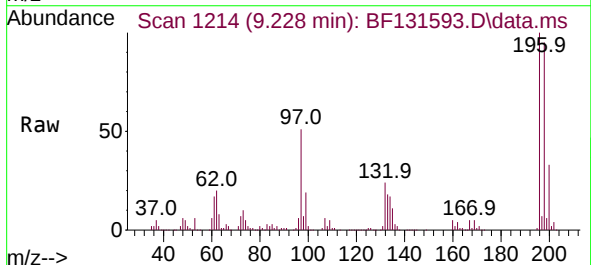
Tgt Ion:196 Resp: 13232
Ion Ratio Lower Upper
196 100
198 95.9 76.9 115.3
200 33.5 26.9 40.3

Manual Integrations
APPROVED

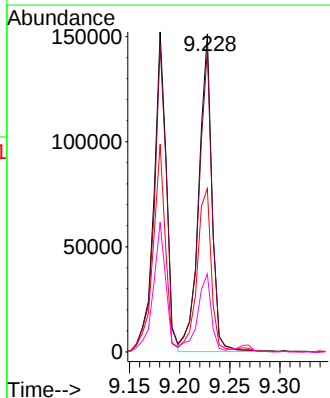
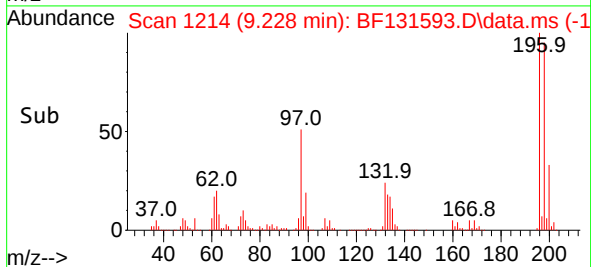
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

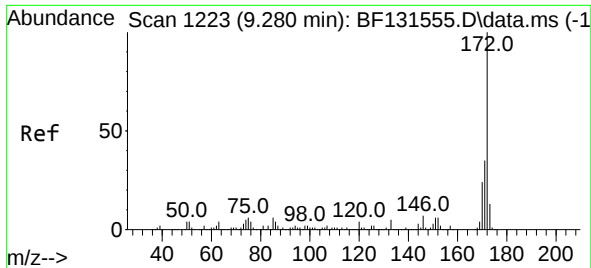


#44
2,4,5-Trichlorophenol
Concen: 45.281 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



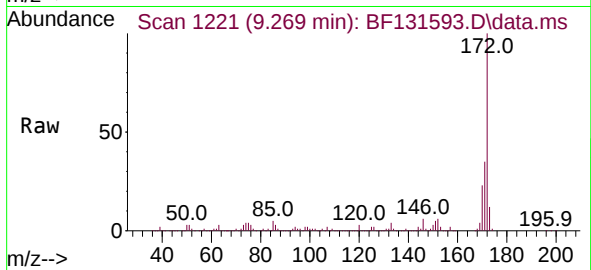
Tgt Ion:196 Resp: 136961
Ion Ratio Lower Upper
196 100
198 94.8 77.2 115.8
97 51.3 42.2 63.2
132 24.5 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 66.342 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

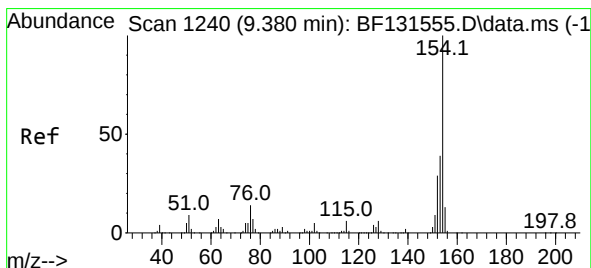
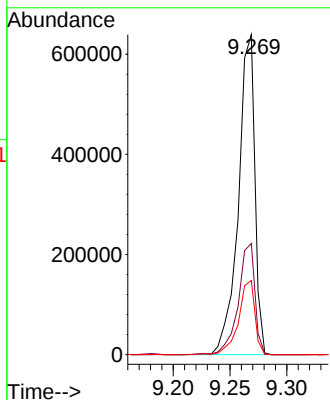
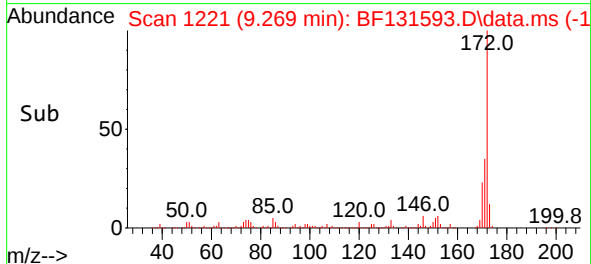
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



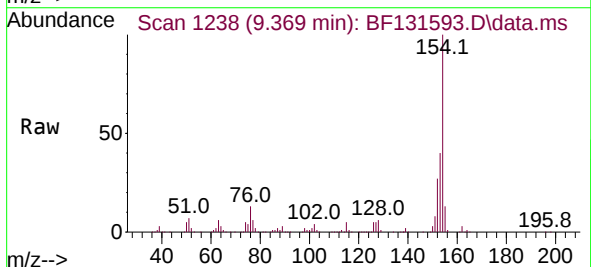
Tgt Ion:172 Resp: 646310
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 19.3 28.9

Manual Integrations
APPROVED

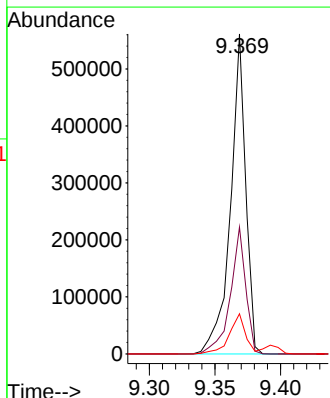
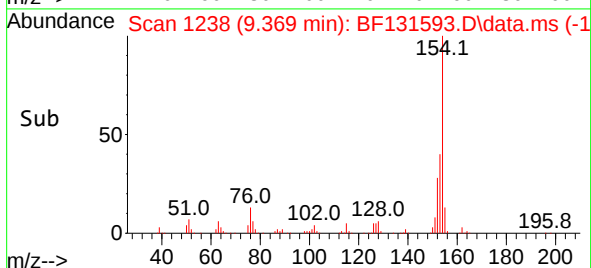
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

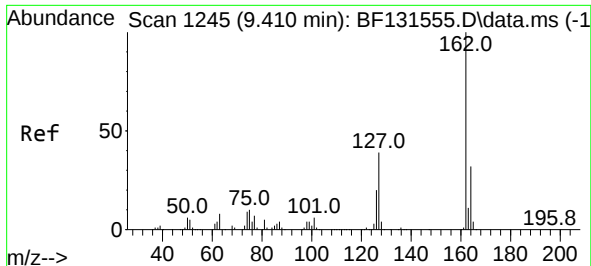


#46
1,1'-Biphenyl
Concen: 46.696 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion:154 Resp: 453520
Ion Ratio Lower Upper
154 100
153 39.6 19.4 59.4
76 12.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 45.764 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MS

Tgt Ion:162 Resp: 362128

Ion Ratio Lower Upper

162 100

127 41.2 31.4 47.2

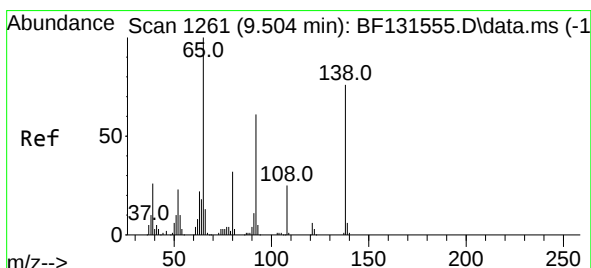
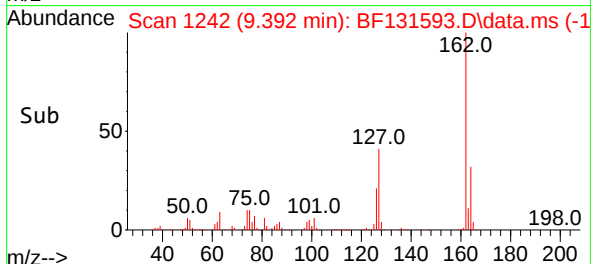
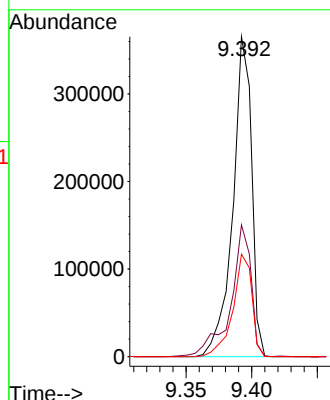
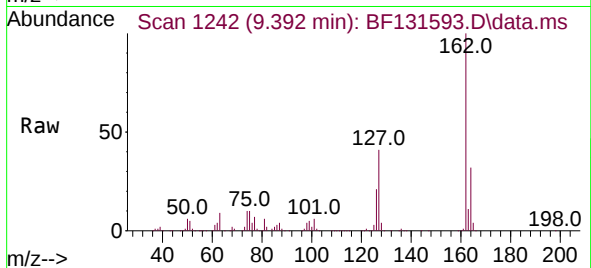
164 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#48

2-Nitroaniline

Concen: 44.472 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

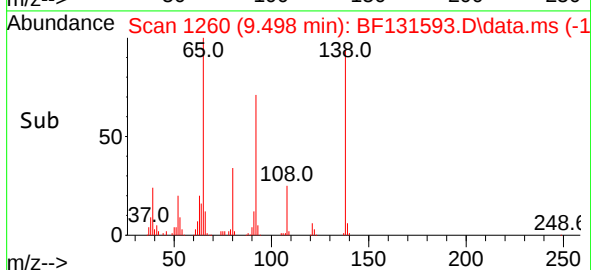
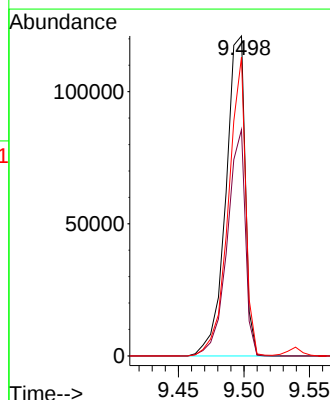
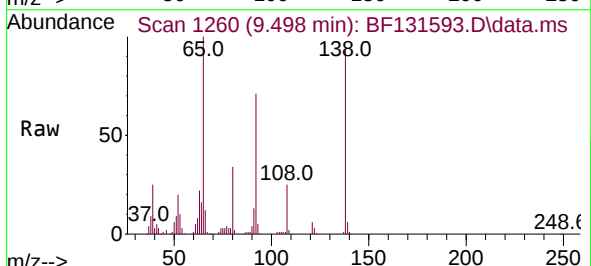
Tgt Ion: 65 Resp: 124657

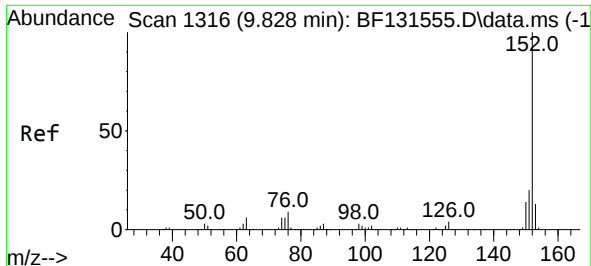
Ion Ratio Lower Upper

65 100

92 70.7 49.2 73.8

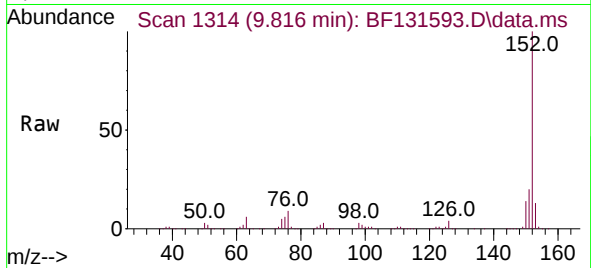
138 93.4 60.7 91.1#





#49
Acenaphthylene
Concen: 45.850 ng
RT: 9.816 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

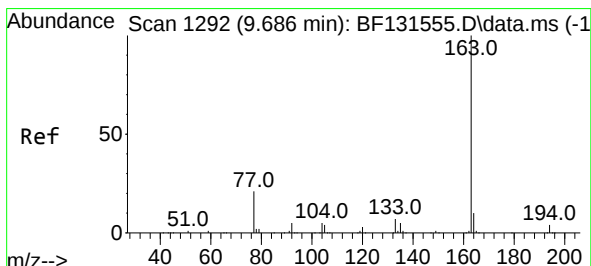
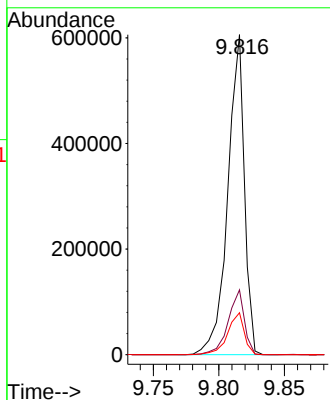
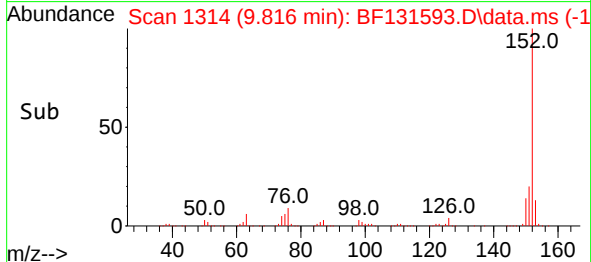
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



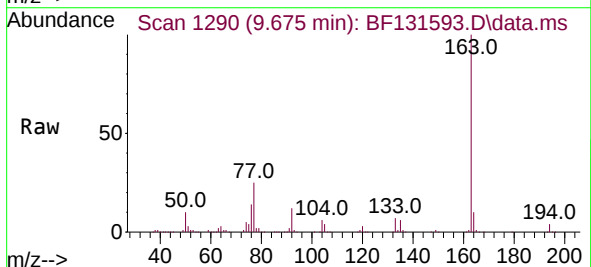
Tgt Ion:152 Resp: 532701
Ion Ratio Lower Upper
152 100
151 20.2 15.6 23.4
153 13.1 10.4 15.6

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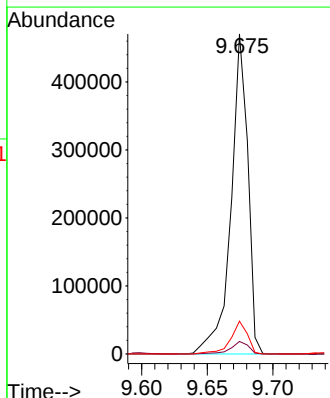
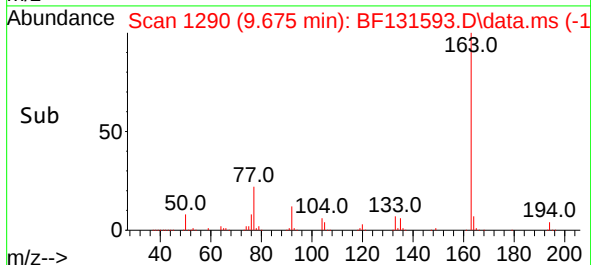
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

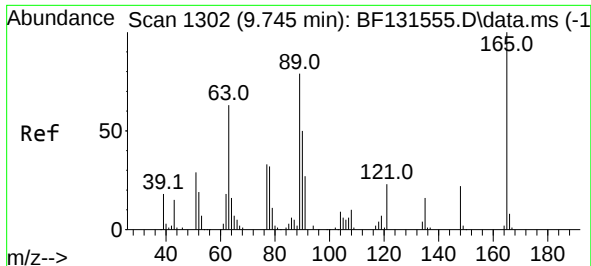


#50
Dimethylphthalate
Concen: 44.738 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion:163 Resp: 418926
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 47.009 ng

RT: 9.739 min Scan# 1301

Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MS

Tgt Ion:165 Resp: 90876

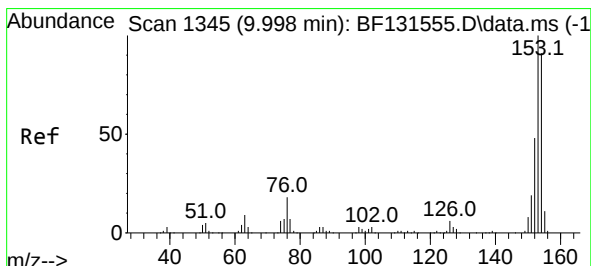
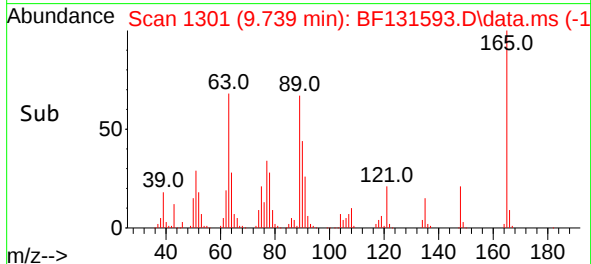
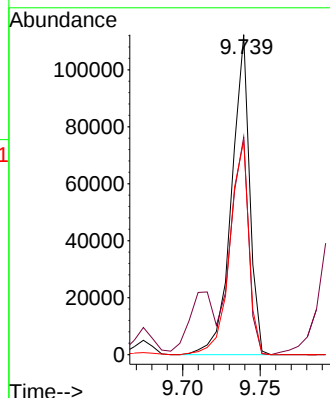
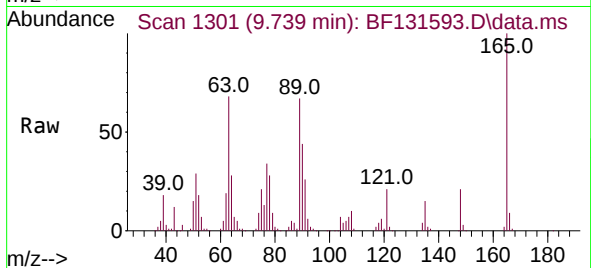
Ion	Ratio	Lower	Upper
165	100		
63	68.0	67.9	101.9
89	66.9	63.2	94.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#52

Acenaphthene

Concen: 49.702 ng m

RT: 9.986 min Scan# 1343

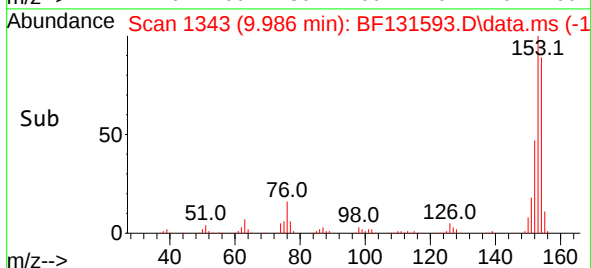
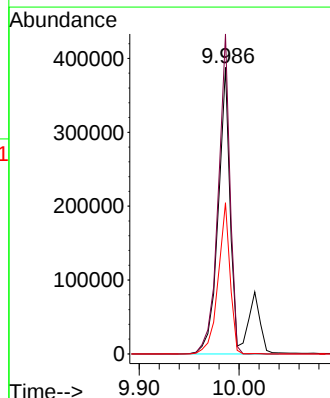
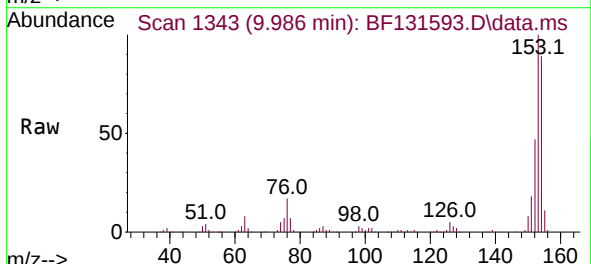
Delta R.T. -0.000 min

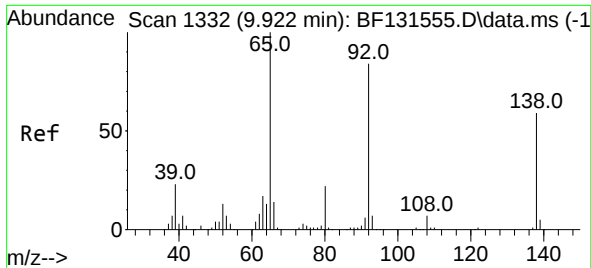
Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Tgt Ion:154 Resp: 386845

Ion	Ratio	Lower	Upper
154	100		
153	111.8	87.9	131.9
152	52.8	42.4	63.6





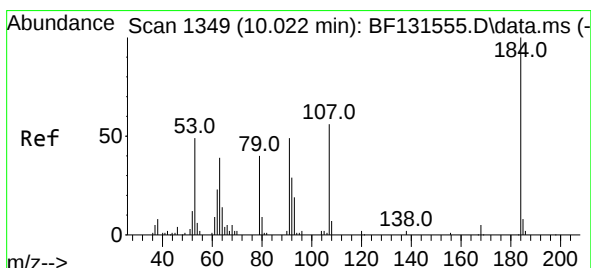
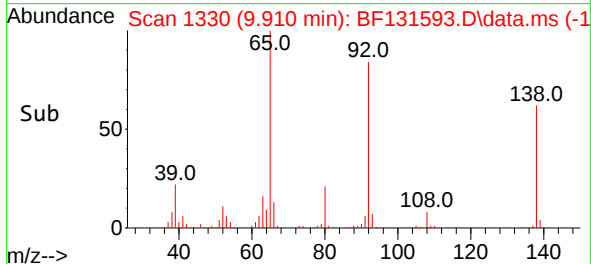
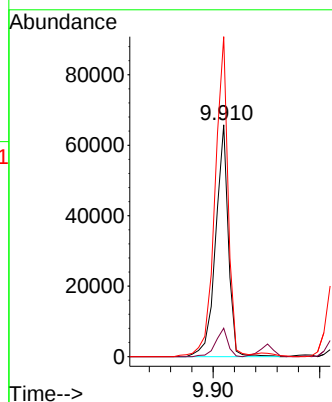
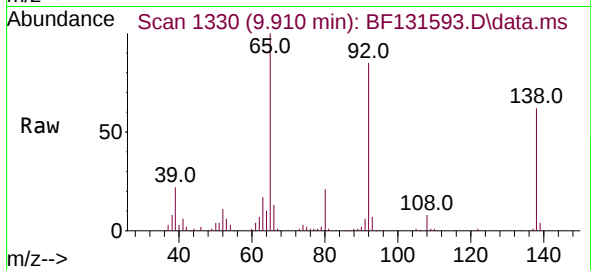
#53
3-Nitroaniline
Concen: 29.434 ng
RT: 9.910 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

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

Tgt Ion:138 Resp: 54593
Ion Ratio Lower Upper
138 100
108 12.3 9.6 14.4
92 138.1 113.4 170.0

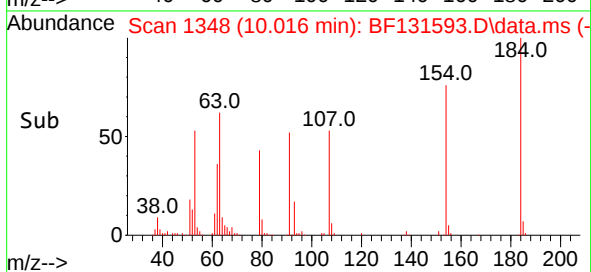
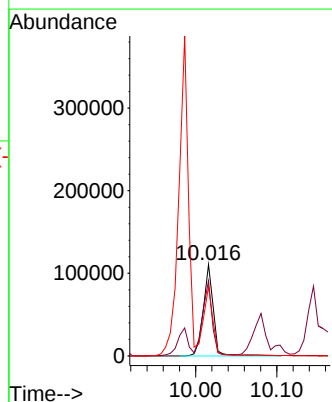
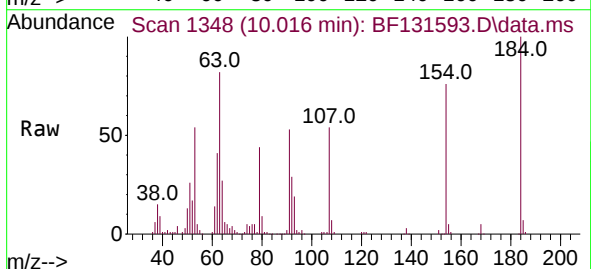
Manual Integrations
APPROVED

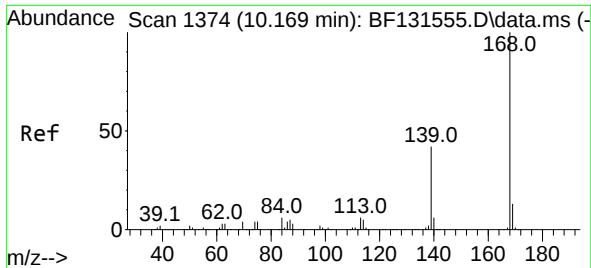
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#54
2,4-Dinitrophenol
Concen: 85.405 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

Tgt Ion:184 Resp: 94835
Ion Ratio Lower Upper
184 100
63 82.1 60.7 91.1
154 75.7 59.0 88.6





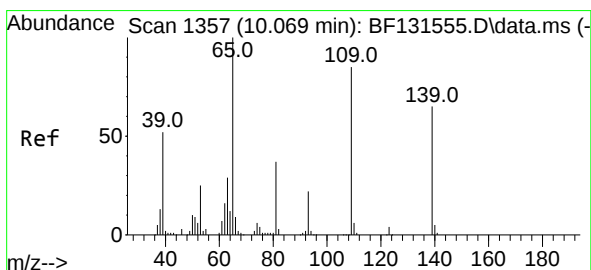
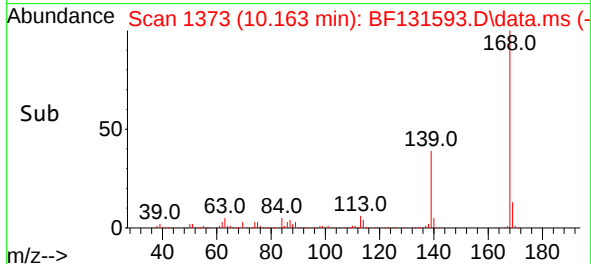
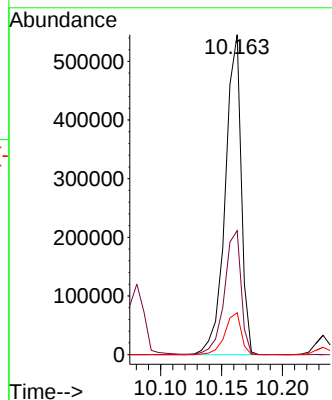
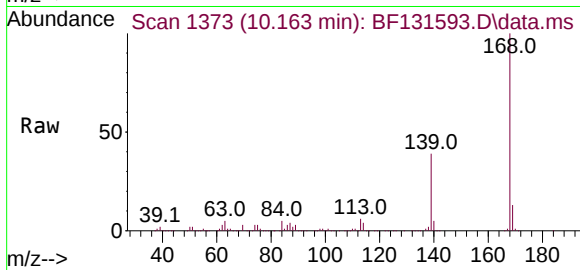
#55
Dibenzofuran
Concen: 44.965 ng
RT: 10.163 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

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

Tgt Ion:168 Resp: 494501
Ion Ratio Lower Upper
168 100
139 38.8 33.9 50.9
169 13.1 10.7 16.1

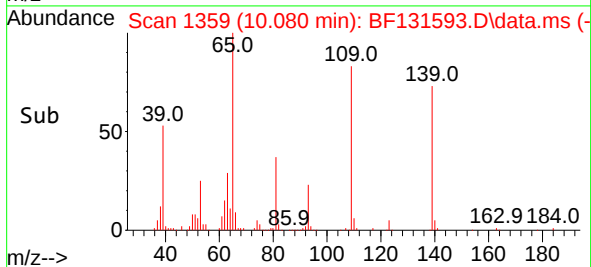
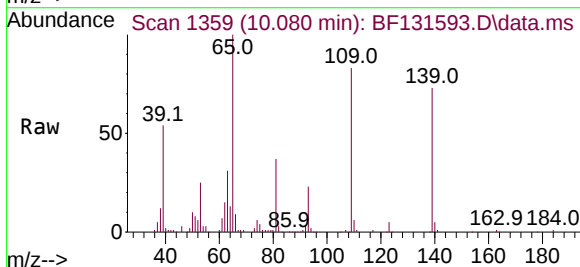
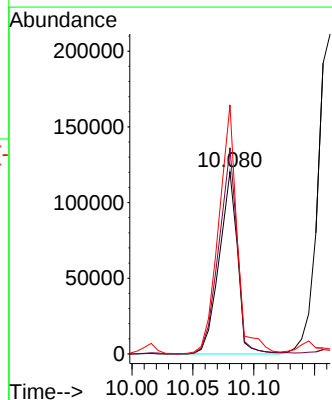
Manual Integrations
APPROVED

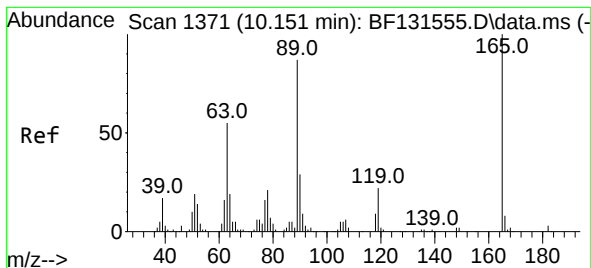
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#56
4-Nitrophenol
Concen: 97.066 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

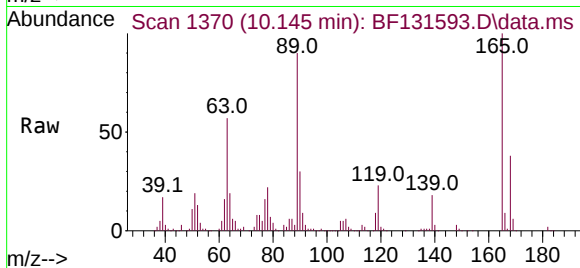
Tgt Ion:139 Resp: 125070
Ion Ratio Lower Upper
139 100
109 113.2 110.2 150.2
65 136.8 133.3 173.3





#57
2,4-Dinitrotoluene
Concen: 46.935 ng
RT: 10.145 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

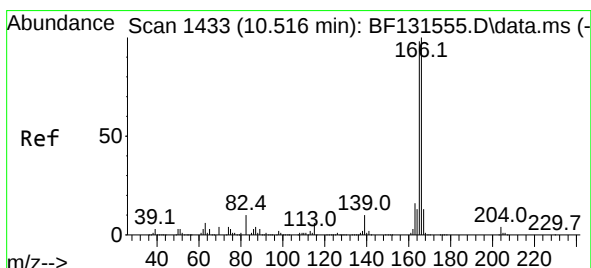
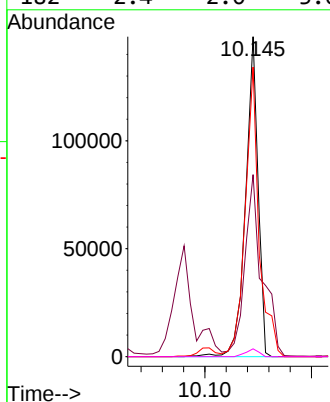
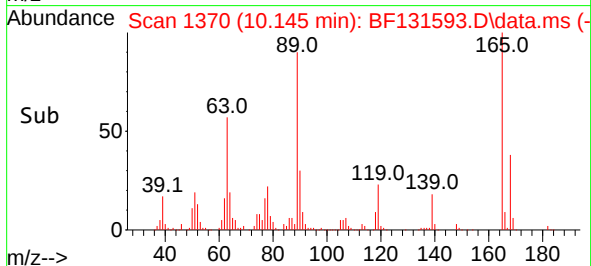
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



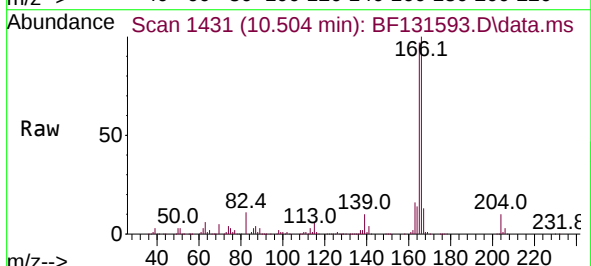
Tgt Ion:165 Resp: 120360
Ion Ratio Lower Upper
165 100
63 56.9 44.4 66.6
89 90.5 69.6 104.4
182 2.4 2.0 3.0

Manual Integrations
APPROVED

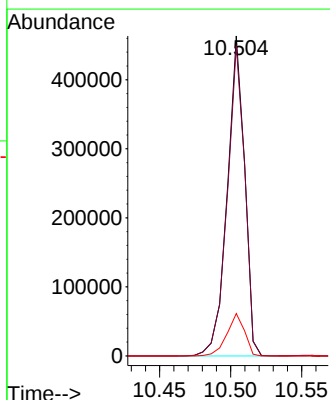
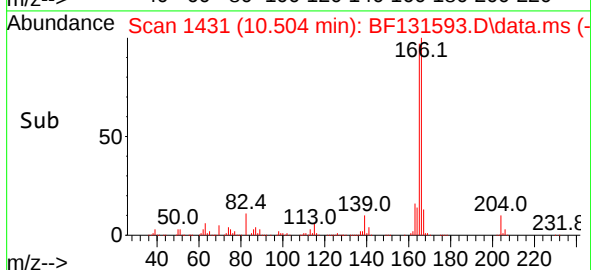
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

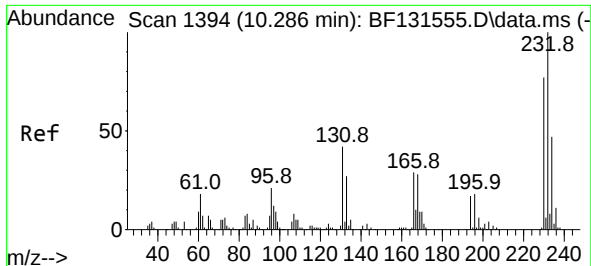


#58
Fluorene
Concen: 44.103 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



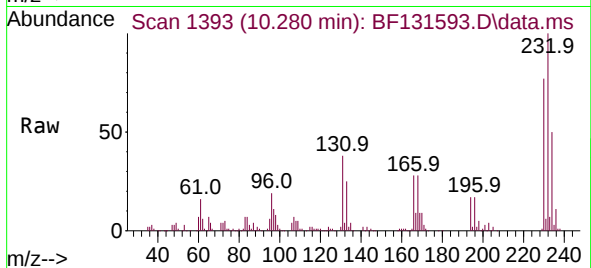
Tgt Ion:166 Resp: 394296
Ion Ratio Lower Upper
166 100
165 96.9 78.4 117.6
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.118 ng m
RT: 10.280 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

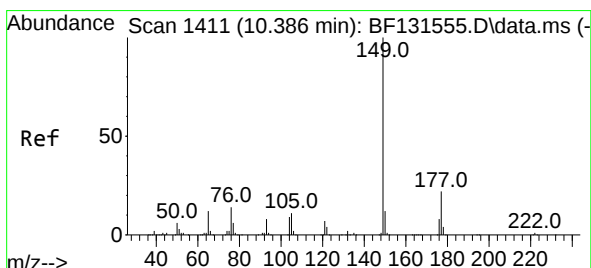
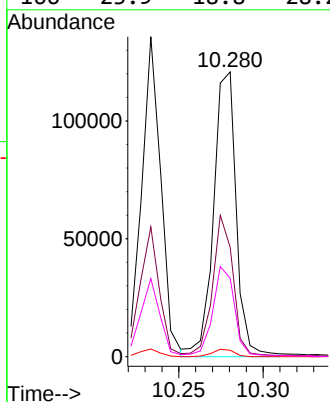
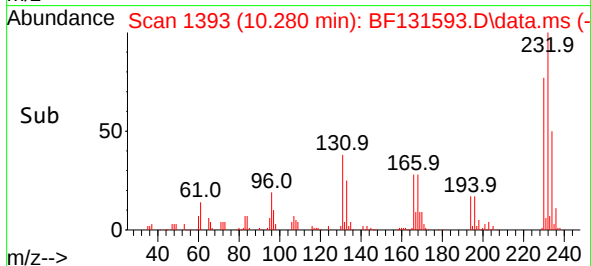
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:232 Resp: 113001
Ion Ratio Lower Upper
232 100
131 39.4 31.0 46.6
130 2.4 1.8 2.8
166 23.9 18.8 28.2

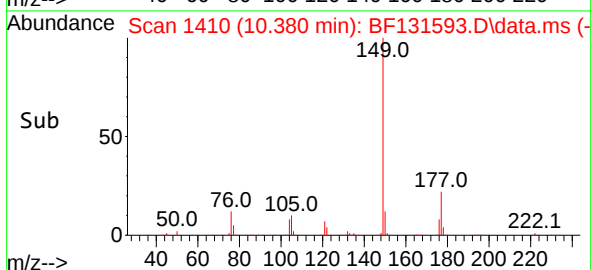
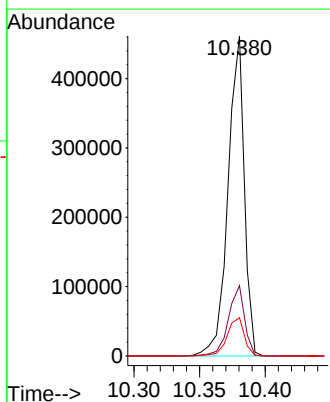
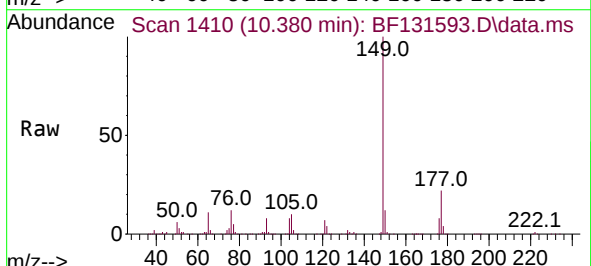
Manual Integrations
APPROVED

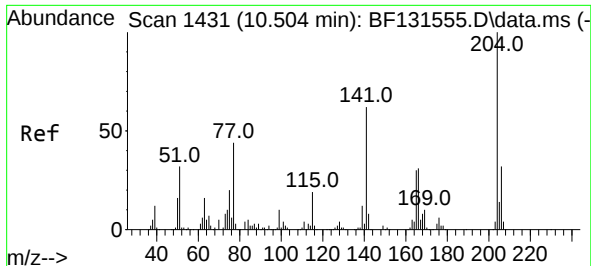
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#60
Diethylphthalate
Concen: 44.277 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

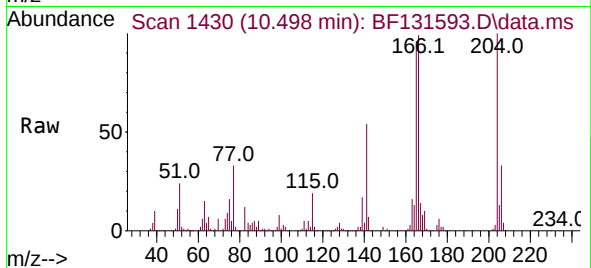
Tgt Ion:149 Resp: 397872
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 11.9 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 44.680 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

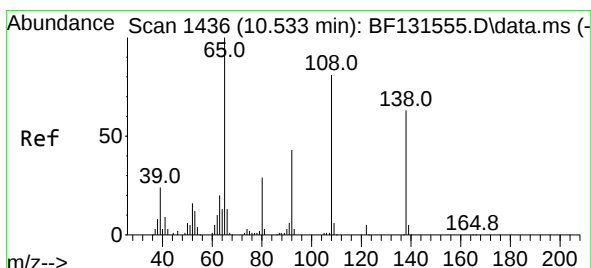
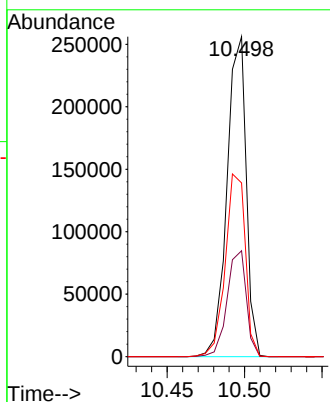
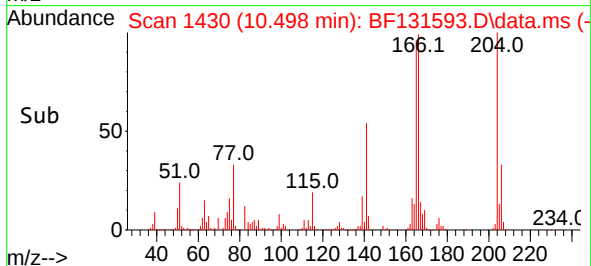
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:204 Resp: 220749
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 54.3 49.5 74.3

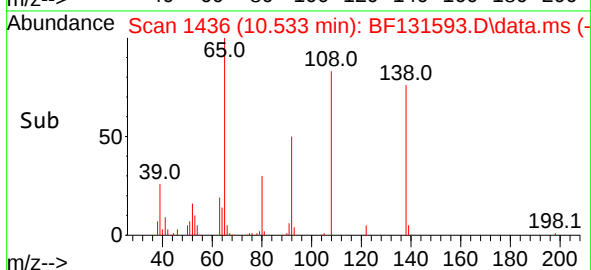
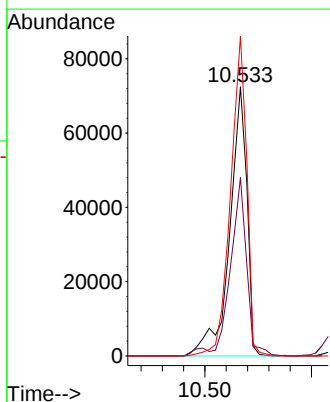
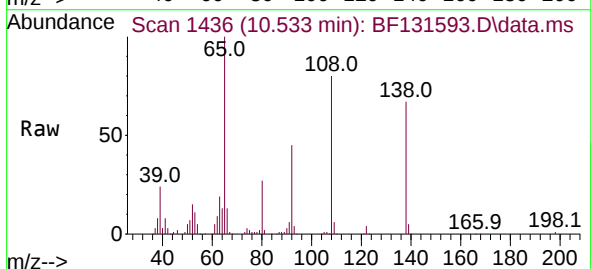
Manual Integrations
APPROVED

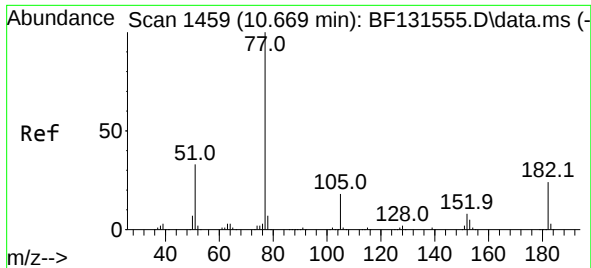
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#62
4-Nitroaniline
Concen: 43.958 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

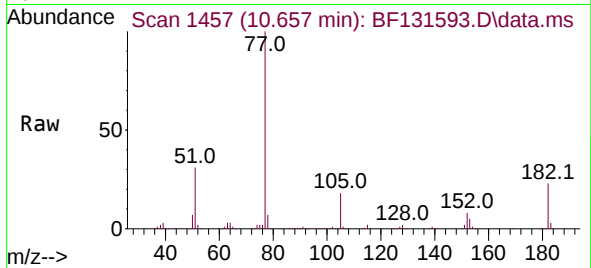
Tgt Ion:138 Resp: 80795
Ion Ratio Lower Upper
138 100
92 66.3 47.5 87.5
108 118.9 108.8 148.8





#63
Azobenzene
Concen: 42.705 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

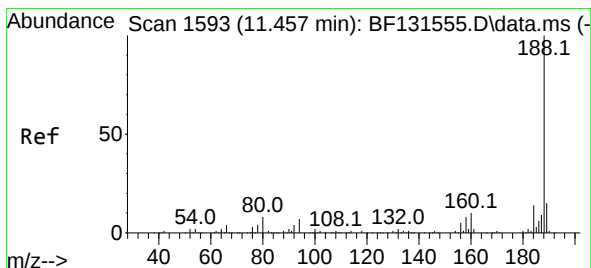
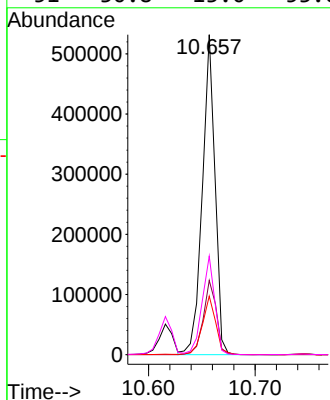
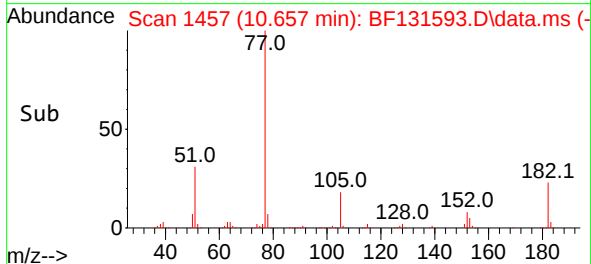
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



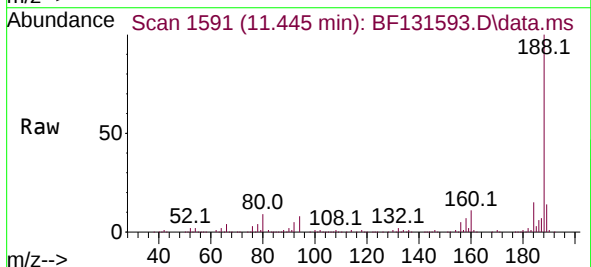
Tgt Ion: 77 Resp: 437684
Ion Ratio Lower Upper
77 100
182 23.2 3.9 43.9
105 18.3 0.0 38.3
51 30.8 13.0 53.0

Manual Integrations
APPROVED

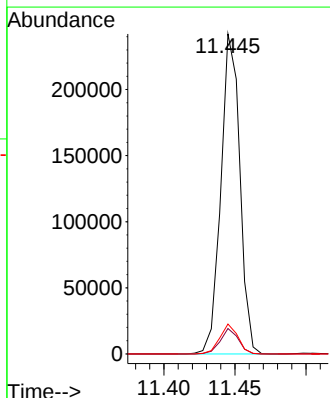
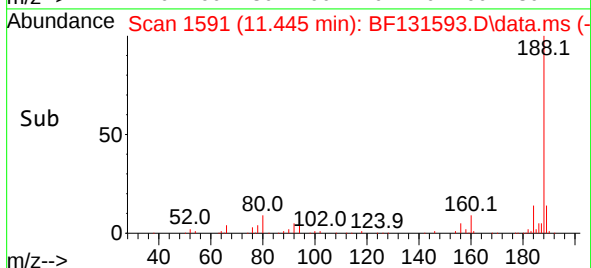
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

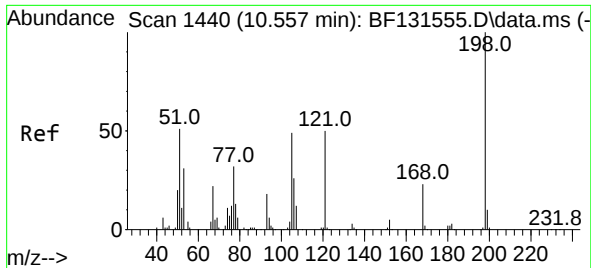


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion:188 Resp: 225315
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 9.3 6.6 10.0





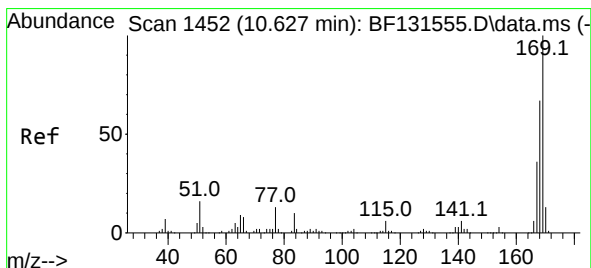
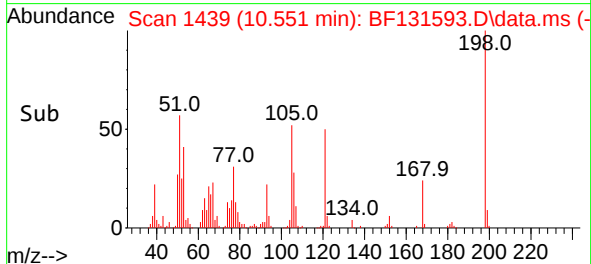
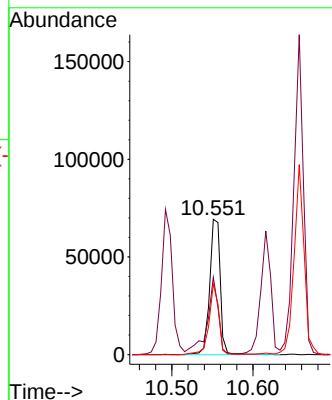
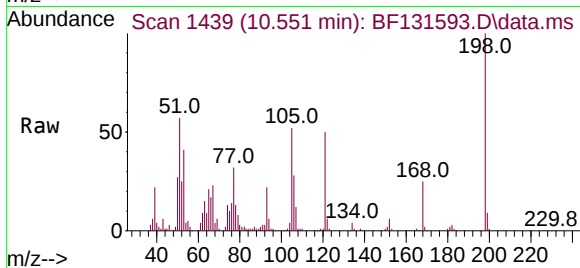
#65
4,6-Dinitro-2-methylphenol
Concen: 44.208 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

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

Tgt Ion:198 Resp: 63088
Ion Ratio Lower Upper
198 100
51 57.2 36.7 76.7
105 52.2 29.9 69.9

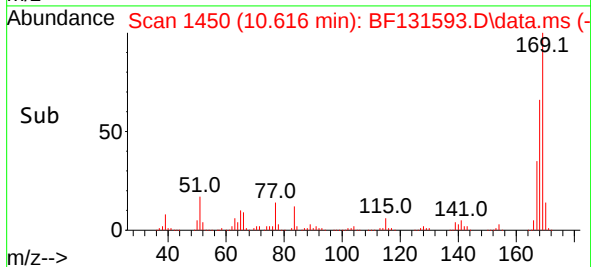
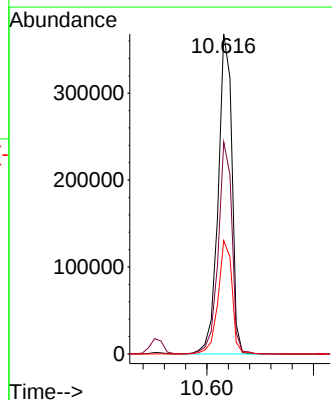
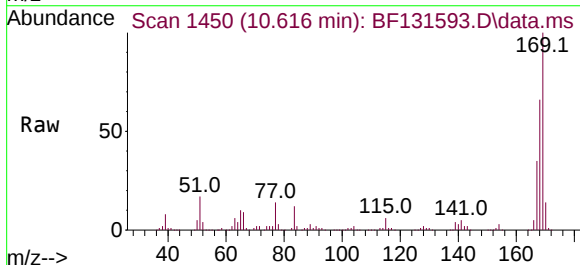
Manual Integrations
APPROVED

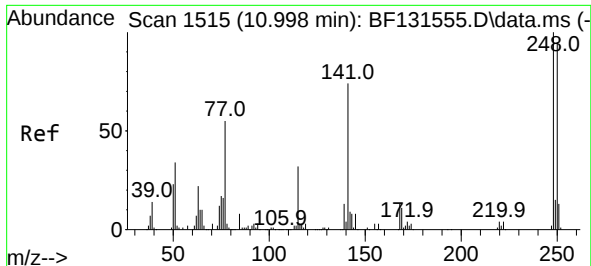
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#66
n-Nitrosodiphenylamine
Concen: 45.233 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

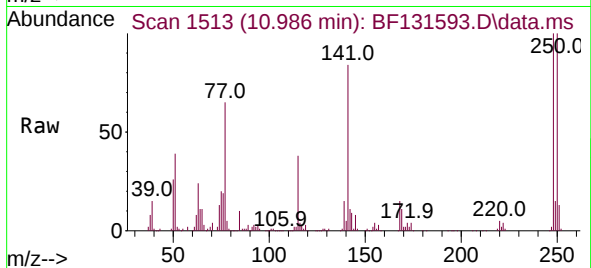
Tgt Ion:169 Resp: 329487
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 35.4 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 44.305 ng
RT: 10.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

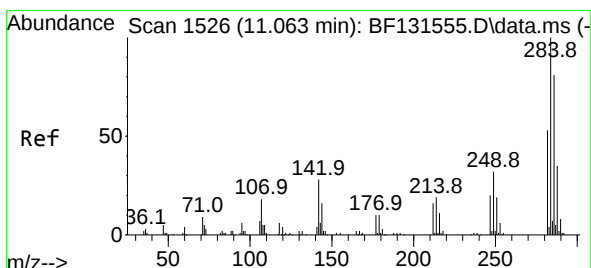
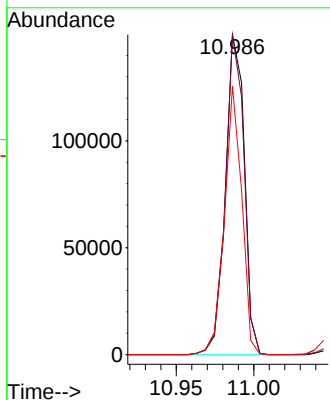
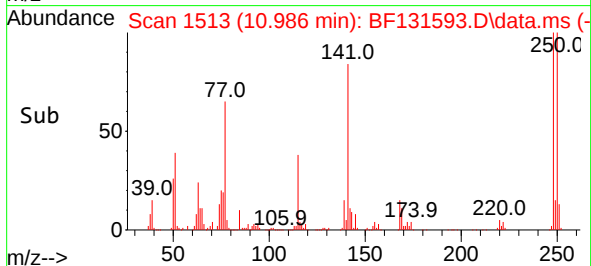
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



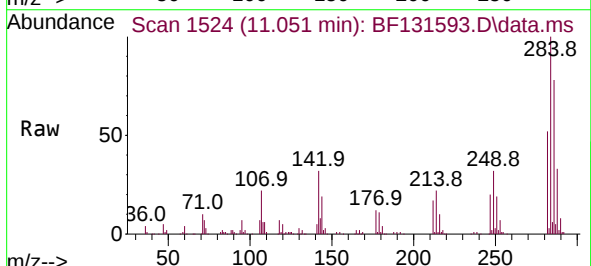
Tgt Ion:248 Resp: 128418
Ion Ratio Lower Upper
248 100
250 100.0 76.2 114.2
141 84.0 59.5 89.3

Manual Integrations
APPROVED

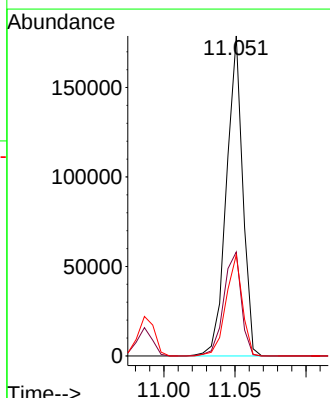
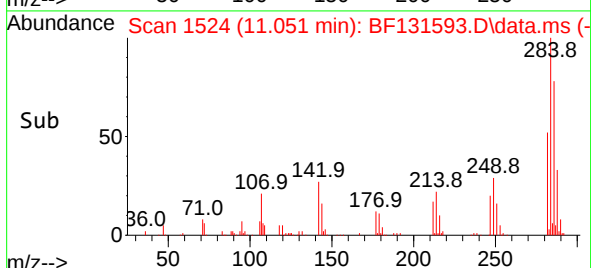
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

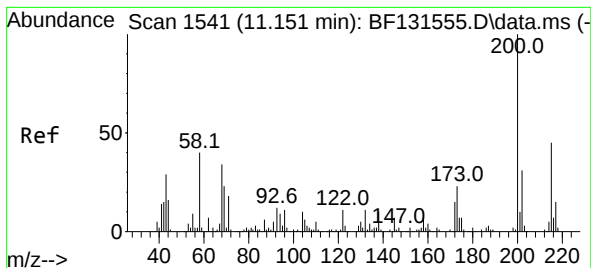


#68
Hexachlorobenzene
Concen: 45.415 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion:284 Resp: 142387
Ion Ratio Lower Upper
284 100
142 32.5 22.3 33.5
249 31.6 25.4 38.2





#69

Atrazine

Concen: 52.873 ng

RT: 11.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

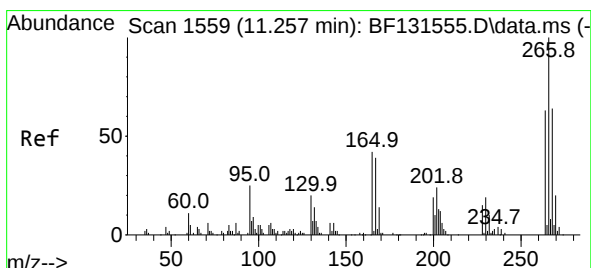
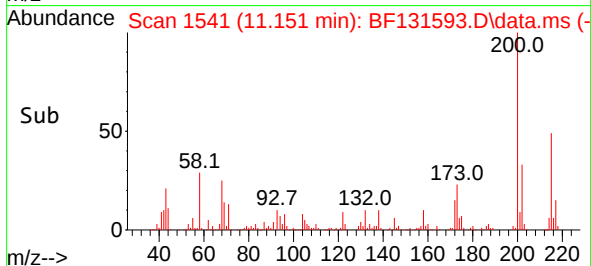
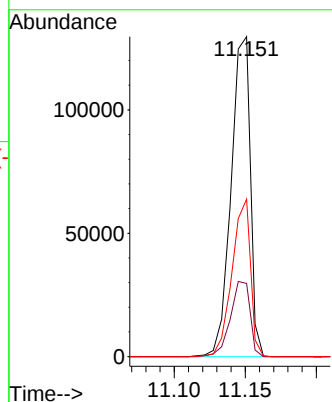
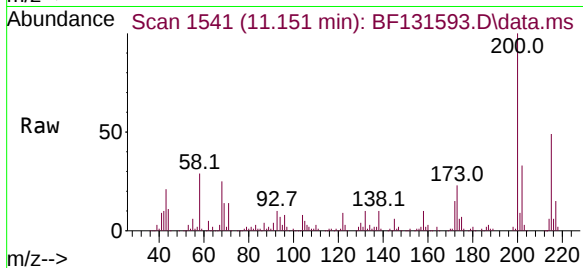
SU-518-COMP-05MS

Tgt Ion:200 Resp: 122304
 Ion Ratio Lower Upper
 200 100
 173 22.9 3.4 43.4
 215 49.3 25.0 65.0

Manual Integrations

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



#70

Pentachlorophenol

Concen: 86.980 ng

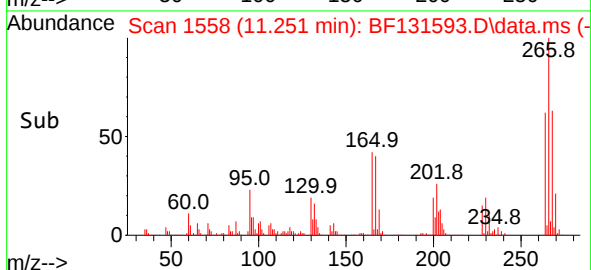
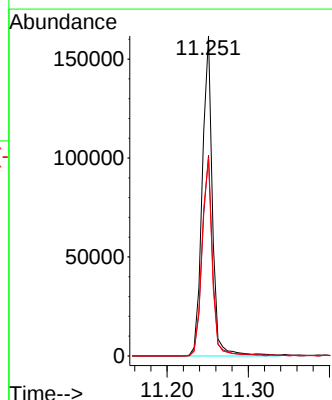
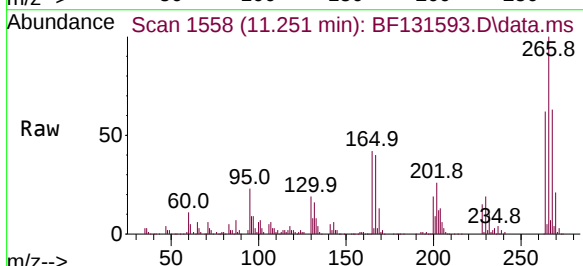
RT: 11.251 min Scan# 1558

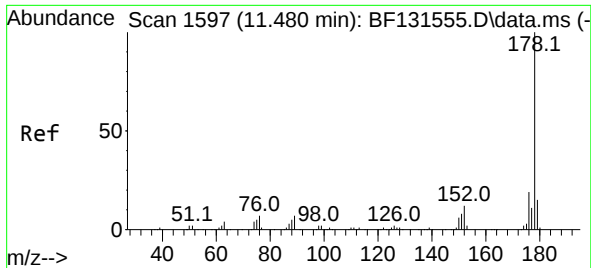
Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

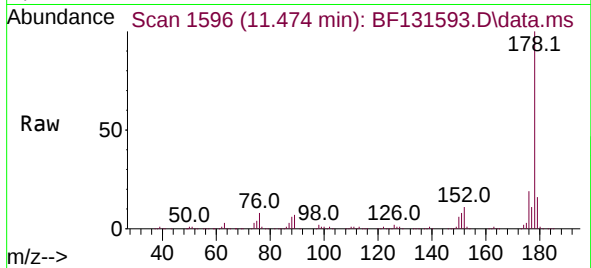
Tgt Ion:266 Resp: 140390
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 61.8 50.7 76.1





#71
Phenanthrene
Concen: 43.867 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

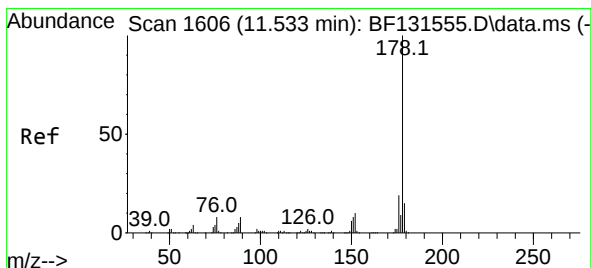
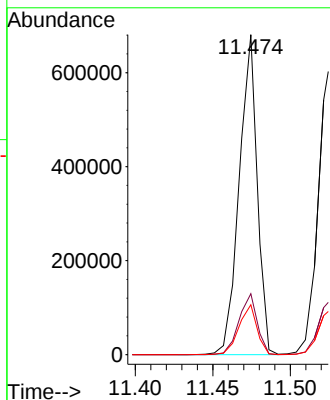
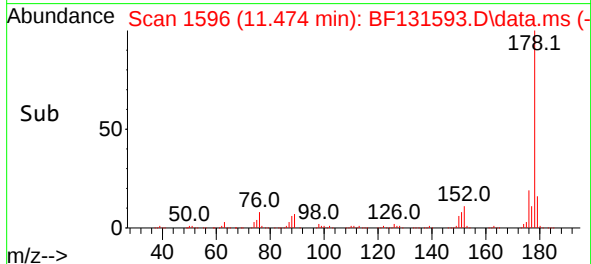
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



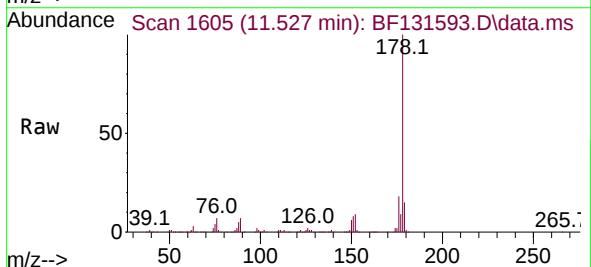
Tgt Ion:178 Resp: 550914
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.2 18.4

Manual Integrations
APPROVED

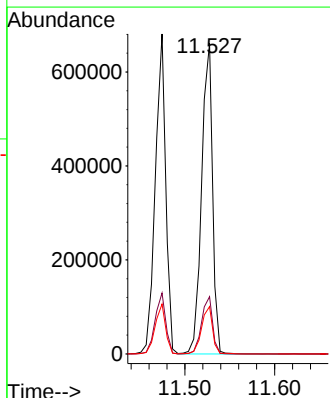
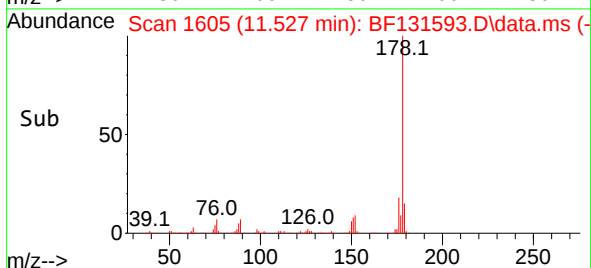
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

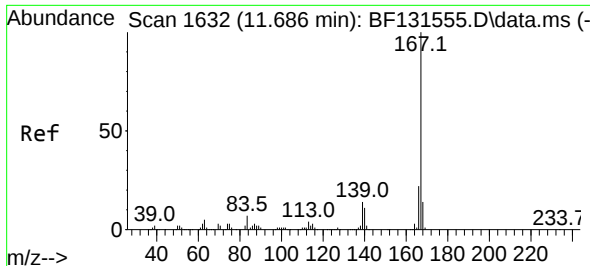


#72
Anthracene
Concen: 45.730 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



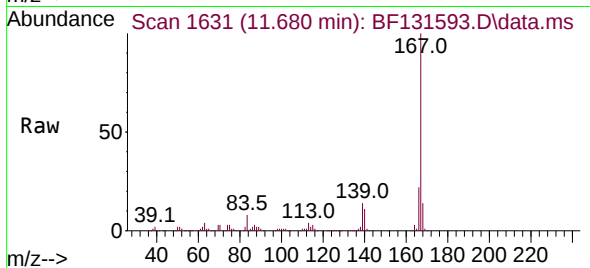
Tgt Ion:178 Resp: 558757
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.2 12.3 18.5





#73
Carbazole
Concen: 45.532 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

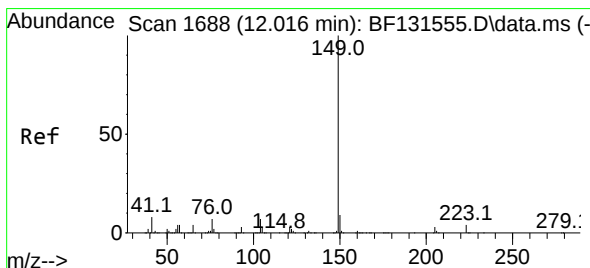
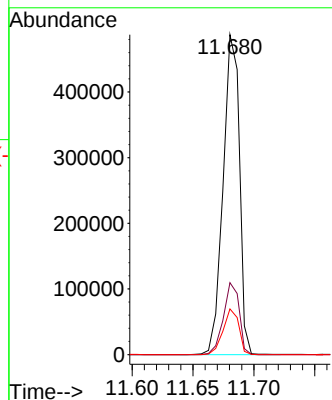
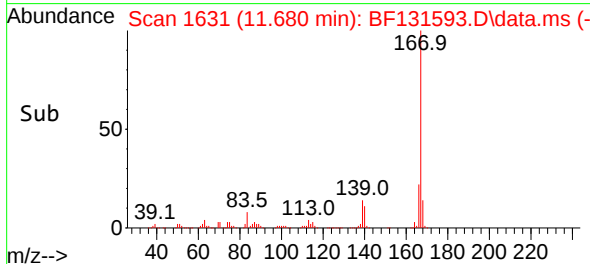
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



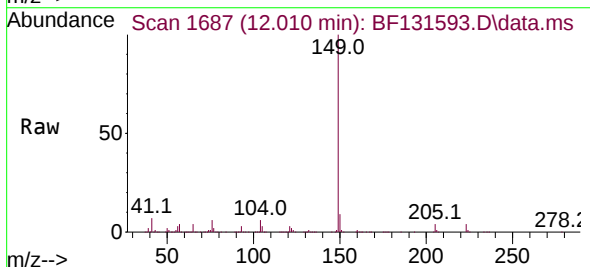
Tgt Ion:167 Resp: 454108
Ion Ratio Lower Upper
167 100
166 22.5 17.4 26.0
139 14.3 11.0 16.4

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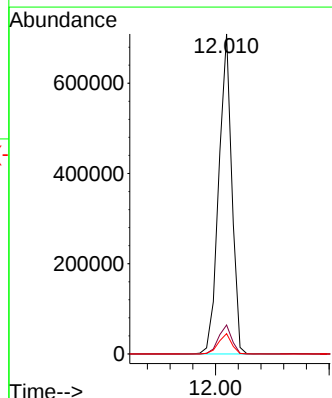
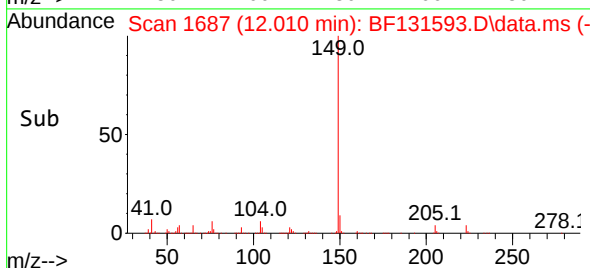
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

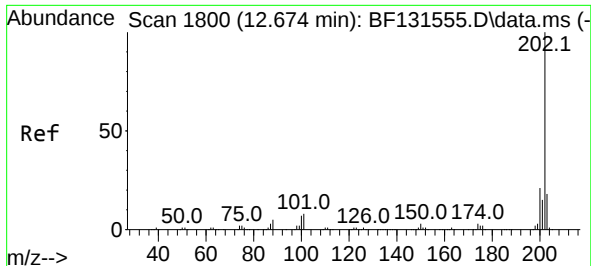


#74
Di-n-butylphthalate
Concen: 45.930 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



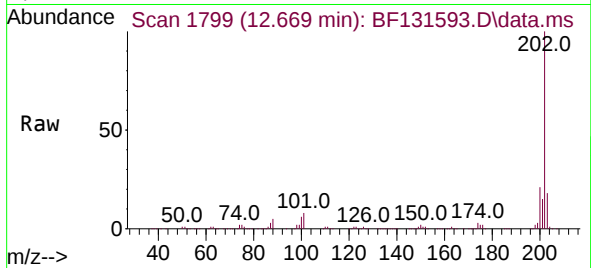
Tgt Ion:149 Resp: 561972
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 6.3 5.2 7.8





#75
Fluoranthene
Concen: 42.661 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

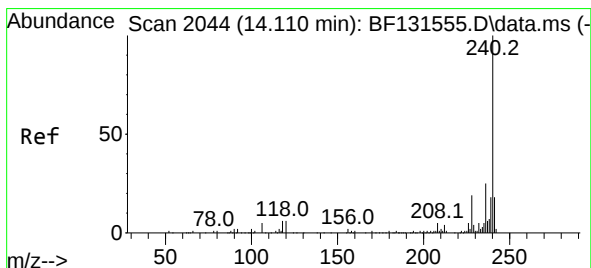
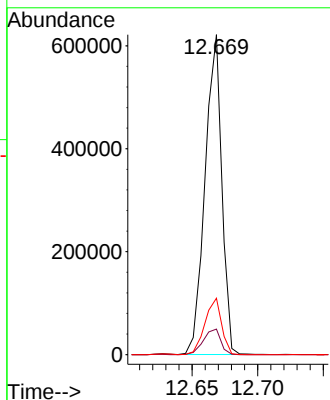
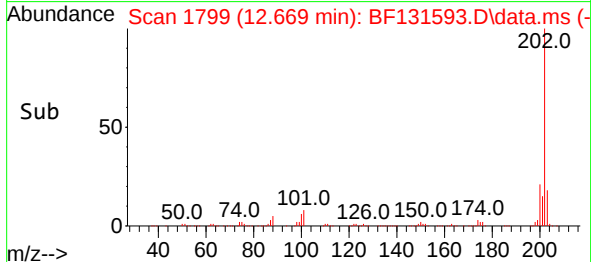
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



Tgt Ion:202 Resp: 551702
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.7
203 17.6 0.0 37.7

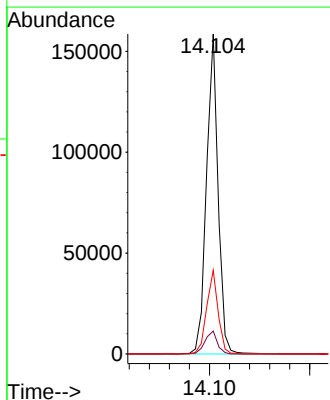
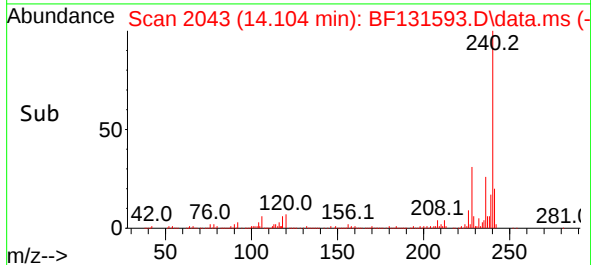
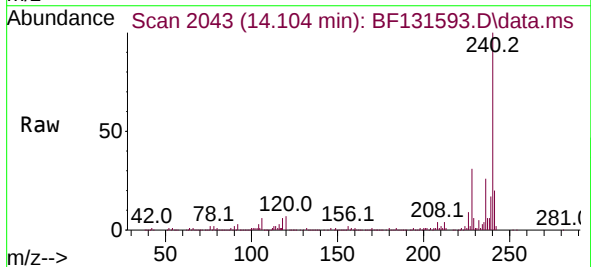
Manual Integrations
APPROVED

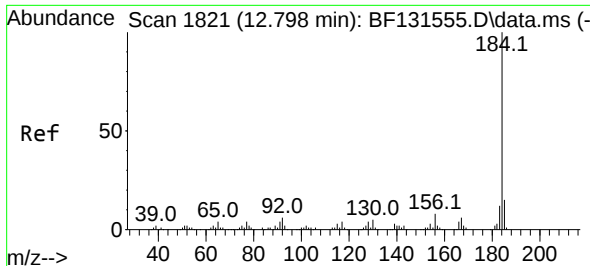
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

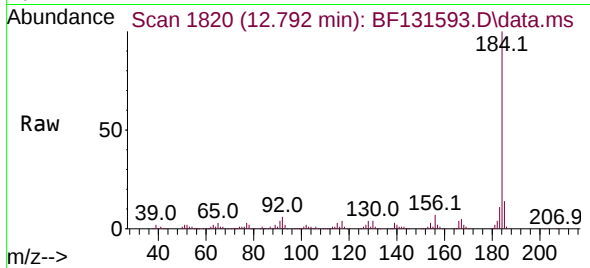
Tgt Ion:240 Resp: 126456
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0#
236 26.1 20.2 30.2





#77
Benzidine
Concen: 59.423 ng
RT: 12.792 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

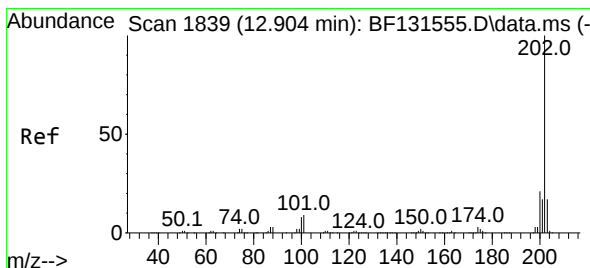
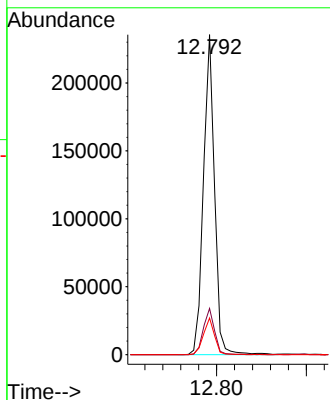
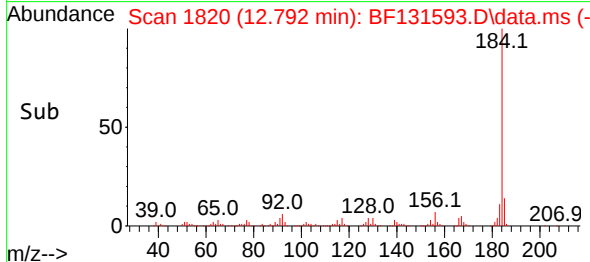
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



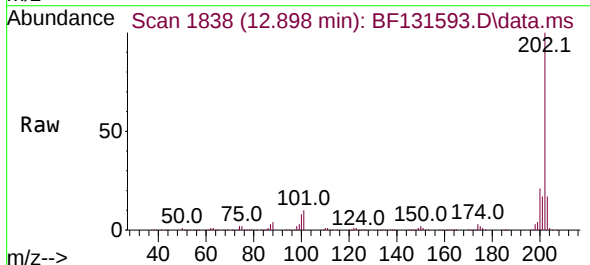
Tgt Ion:184 Resp: 201339
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 11.4 9.3 13.9

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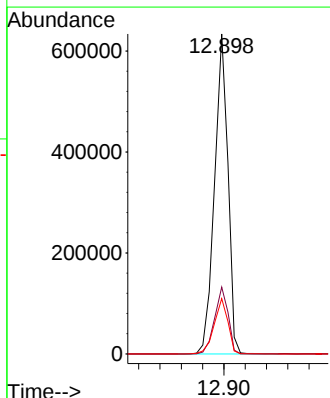
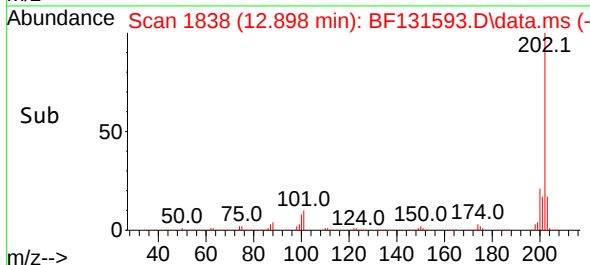
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

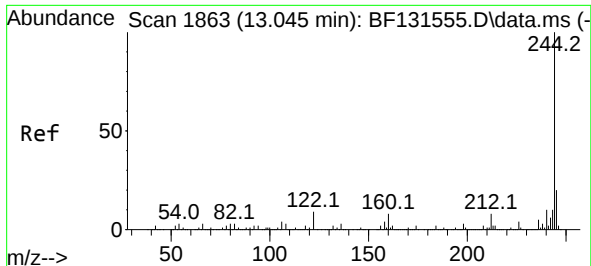


#78
Pyrene
Concen: 44.435 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



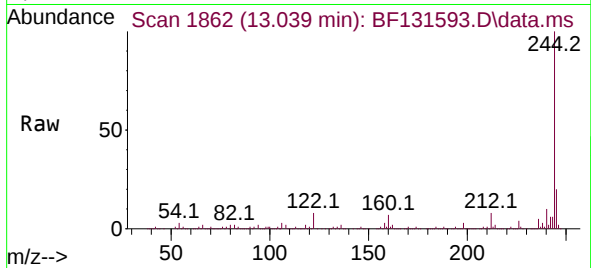
Tgt Ion:202 Resp: 554073
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 66.194 ng
 RT: 13.039 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF131593.D
 Acq: 12 Dec 2022 15:26

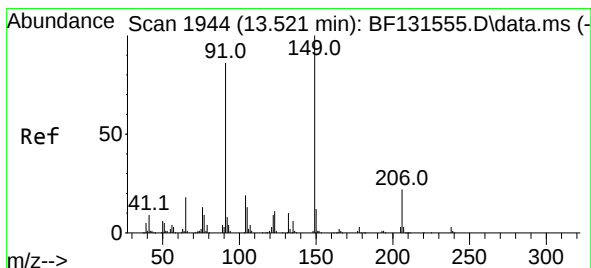
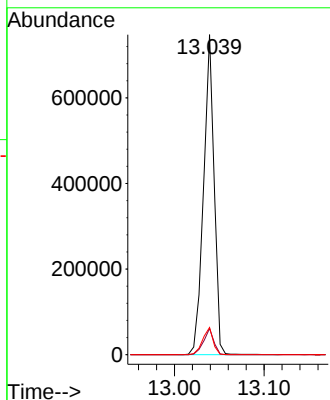
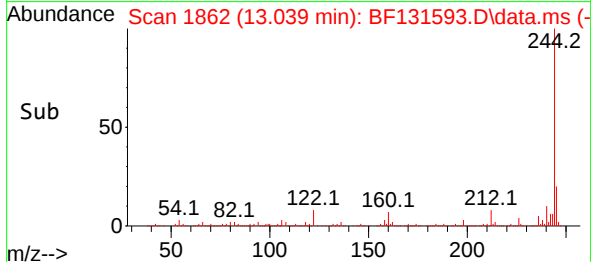
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-05MS



Tgt Ion:244 Resp: 610362
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 8.5 7.1 10.7

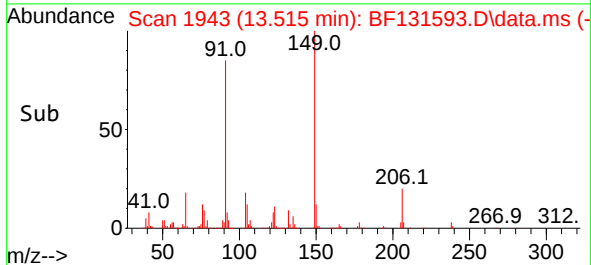
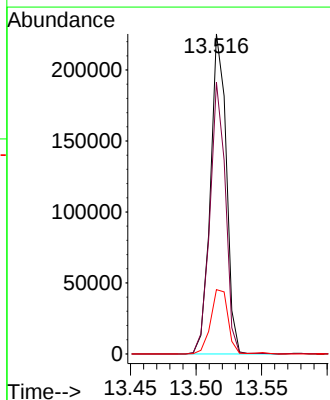
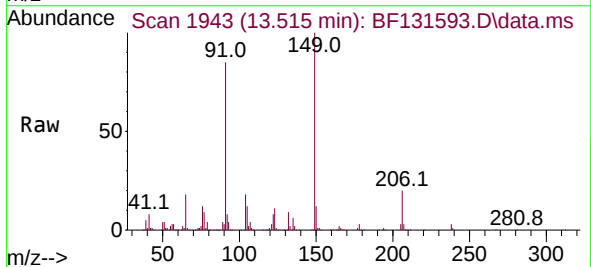
Manual Integrations
 APPROVED

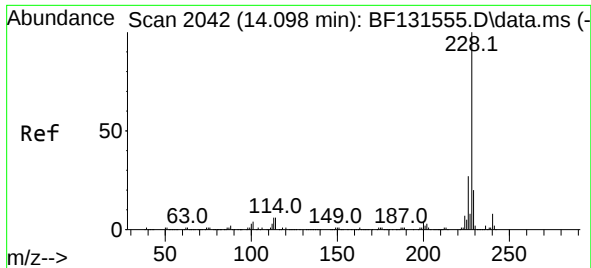
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022



#80
 Butylbenzylphthalate
 Concen: 52.610 ng
 RT: 13.515 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: BF131593.D
 Acq: 12 Dec 2022 15:26

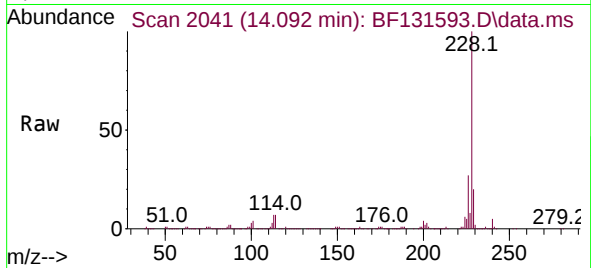
Tgt Ion:149 Resp: 189844
 Ion Ratio Lower Upper
 149 100
 91 84.9 69.0 103.4
 206 20.1 17.8 26.8





#81
Benzo(a)anthracene
Concen: 46.093 ng
RT: 14.092 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

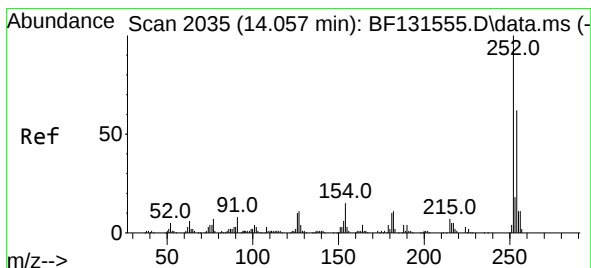
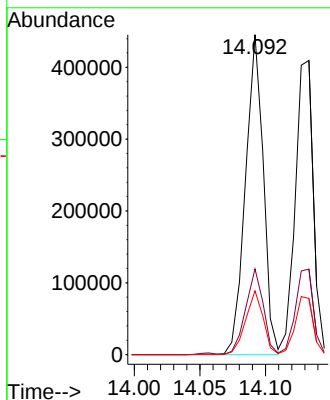
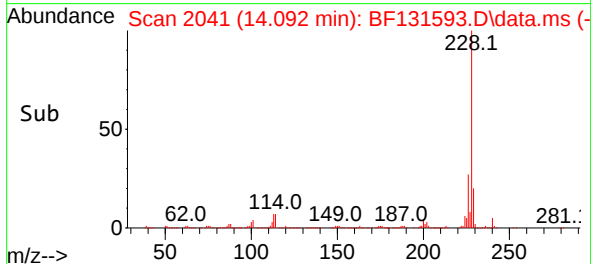
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



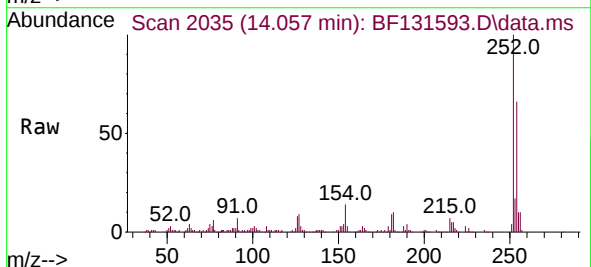
Tgt Ion:228 Resp: 420936
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 19.9 15.8 23.6

Manual Integrations
APPROVED

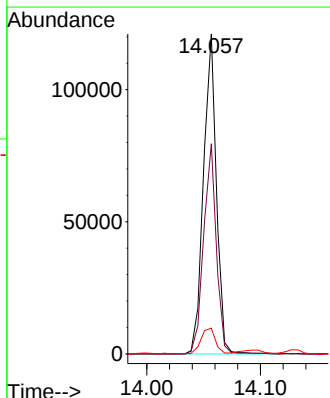
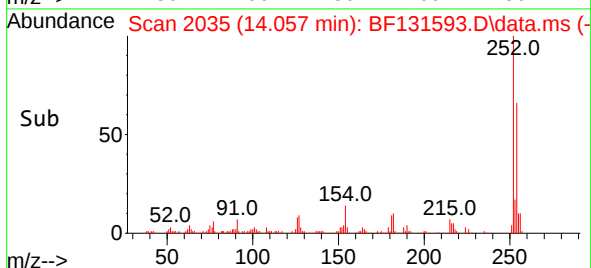
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

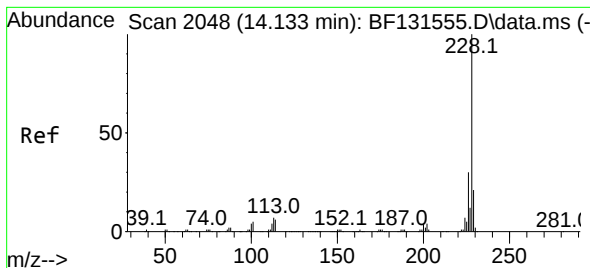


#82
3,3'-Dichlorobenzidine
Concen: 36.888 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion:252 Resp: 95844
Ion Ratio Lower Upper
252 100
254 65.7 49.6 74.4
126 8.0 7.9 11.9





#83

Chrysene

Concen: 45.452 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF131593.D

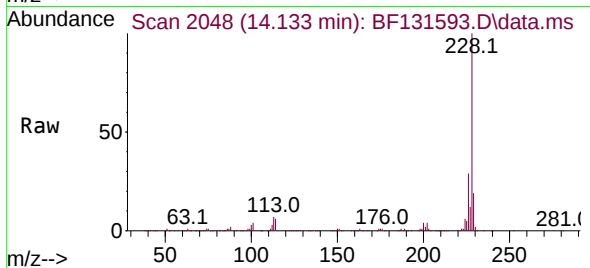
Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MS



Tgt Ion:228 Resp: 394614

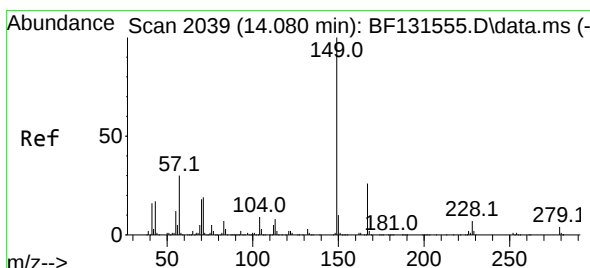
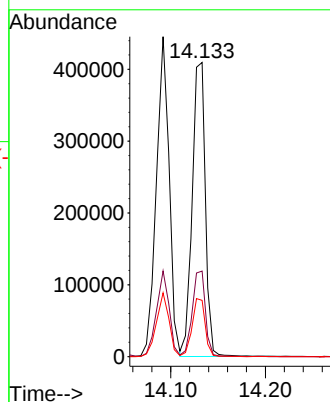
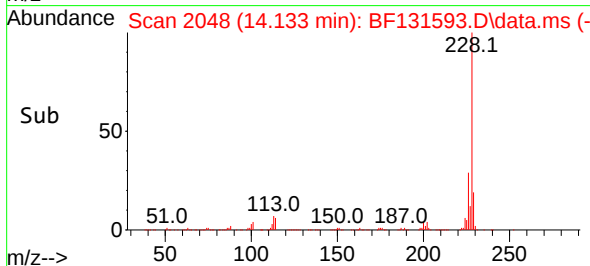
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	19.1	16.7	25.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.849 ng

RT: 14.074 min Scan# 2038

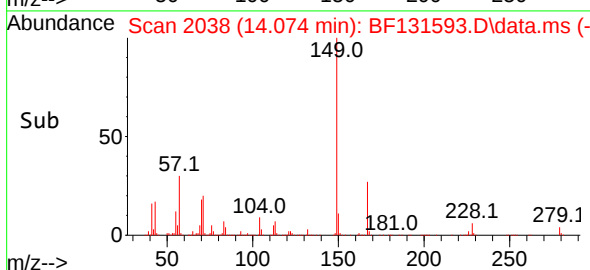
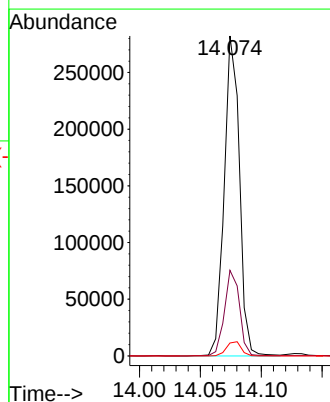
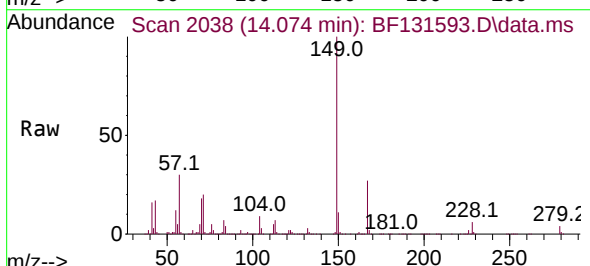
Delta R.T. -0.006 min

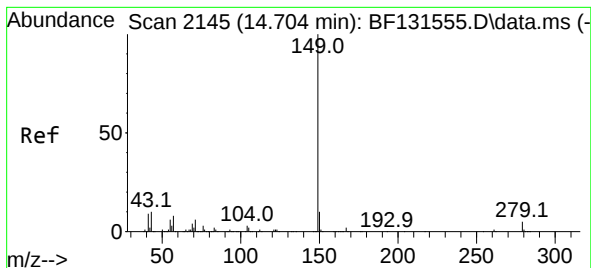
Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Tgt Ion:149 Resp: 245671

Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.8	31.2
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 47.036 ng

RT: 14.698 min Scan# 2144

Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

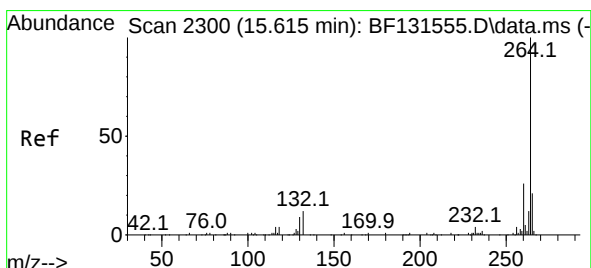
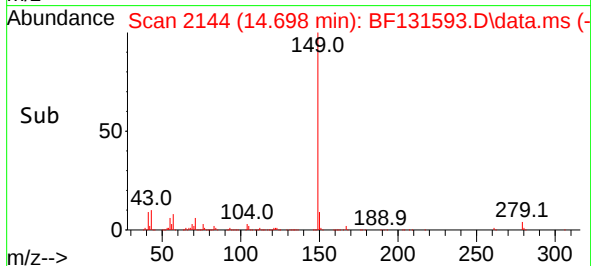
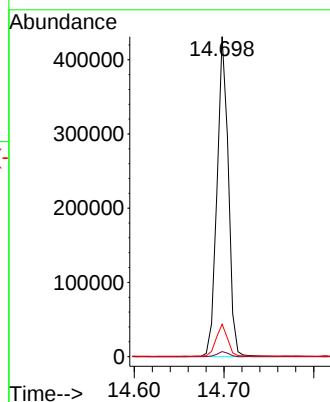
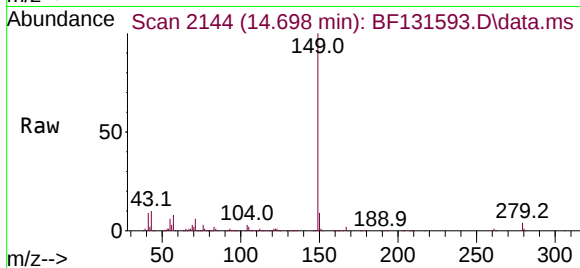
SU-518-COMP-05MS

Tgt Ion:149 Resp: 377942
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.4 8.6 13.0

Manual Integrations

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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

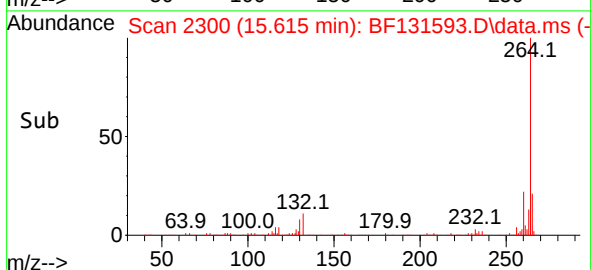
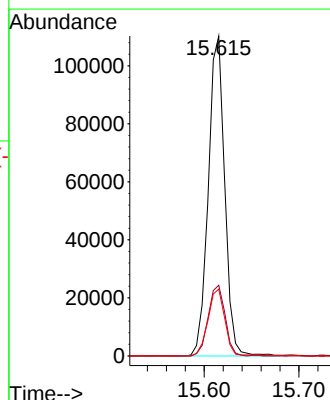
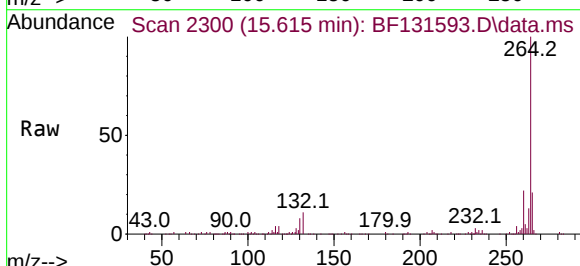
RT: 15.615 min Scan# 2300

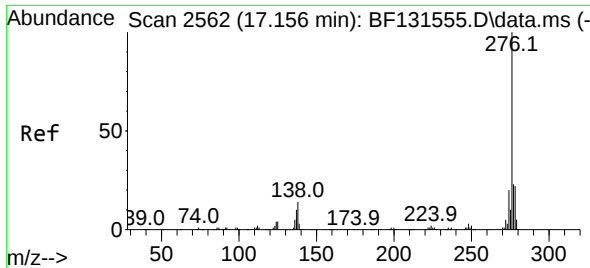
Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

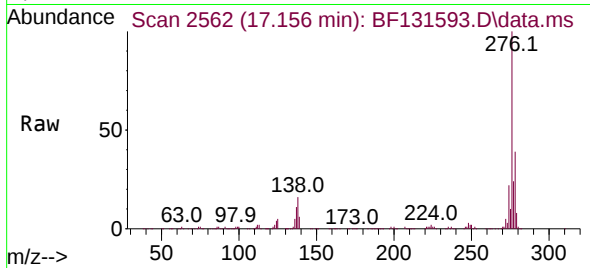
Tgt Ion:264 Resp: 132994
 Ion Ratio Lower Upper
 264 100
 260 22.1 20.6 30.8
 265 20.9 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.414 ng
RT: 17.156 min Scan# 2562
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

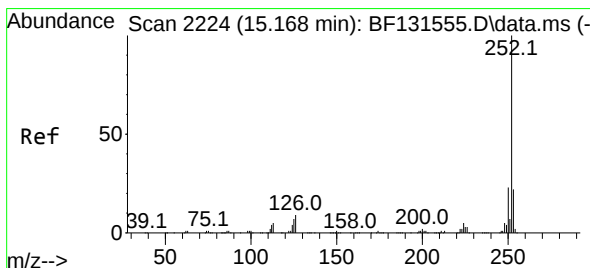
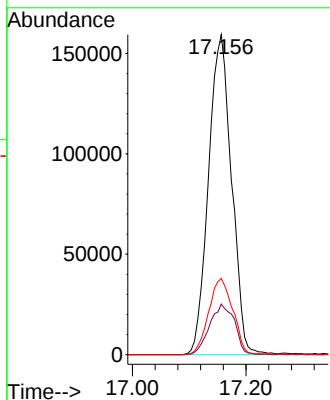
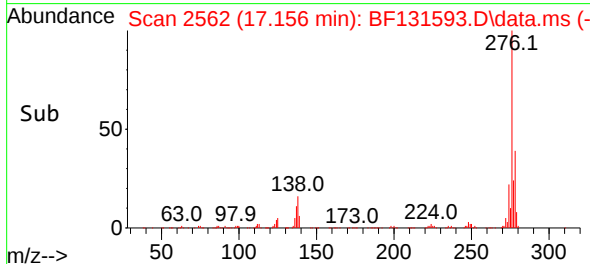
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



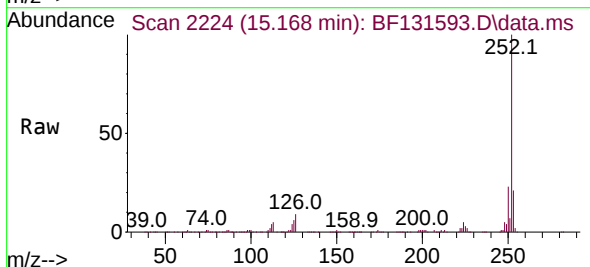
Tgt Ion: 276 Resp: 449495
Ion Ratio Lower Upper
276 100
138 16.9 12.7 19.1
277 24.9 20.0 30.0

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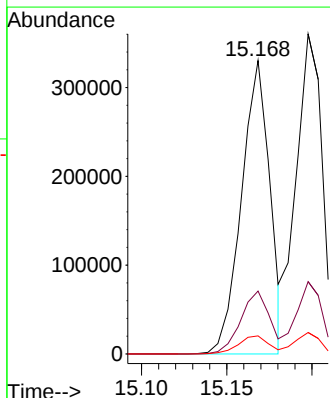
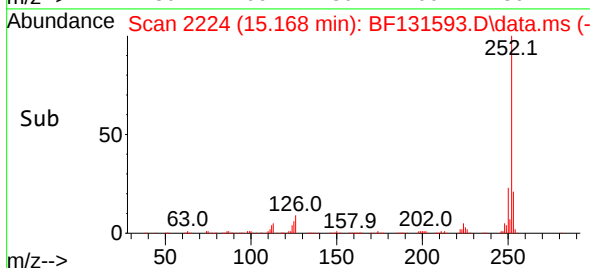
Reviewed By : Christian Giraldo 12/13/2022
Supervised By : Jagrut Upadhyay 12/13/2022

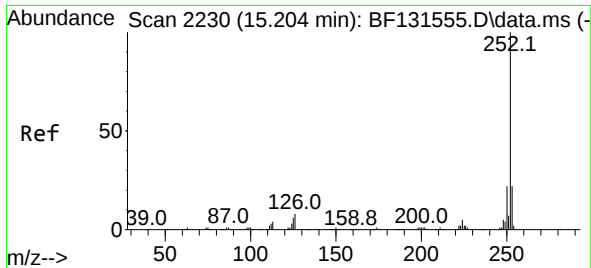


#88
Benzo(b)fluoranthene
Concen: 43.624 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion: 252 Resp: 382383
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 6.2 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 42.831 ng

RT: 15.198 min Scan# 2229

Delta R.T. -0.006 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-05MS

Tgt Ion:252 Resp: 391858

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

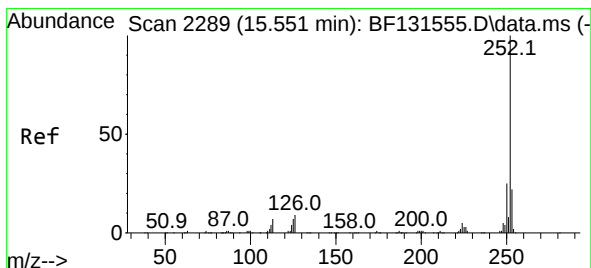
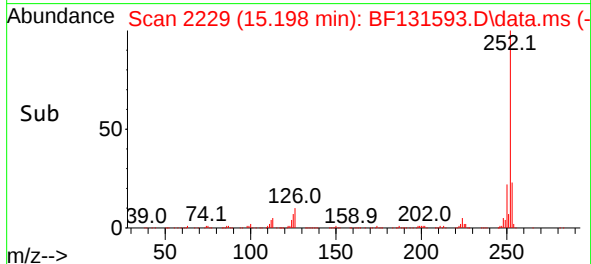
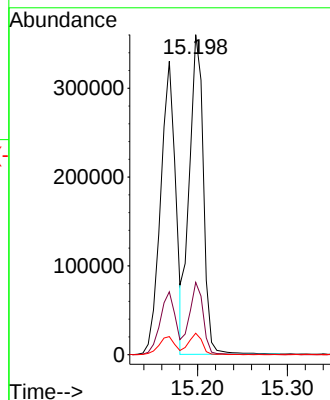
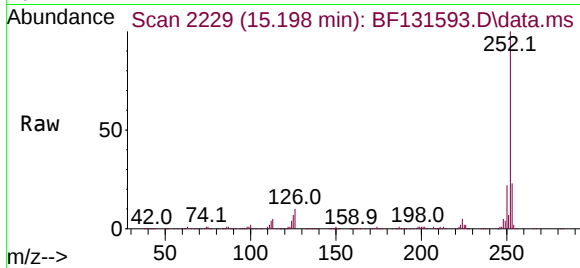
125 6.7 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#90

Benzo(a)pyrene

Concen: 46.614 ng

RT: 15.551 min Scan# 2289

Delta R.T. -0.000 min

Lab File: BF131593.D

Acq: 12 Dec 2022 15:26

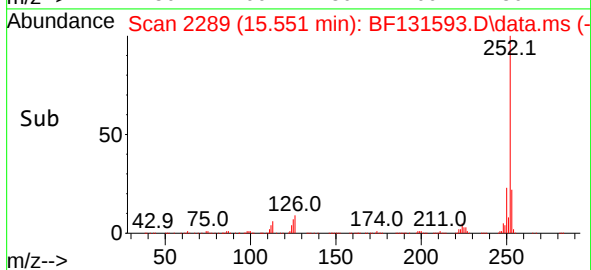
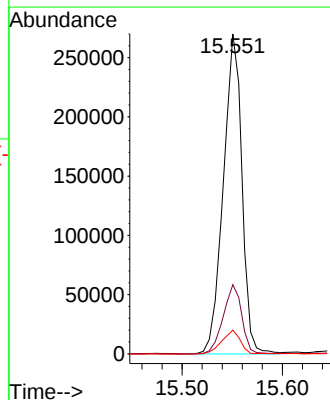
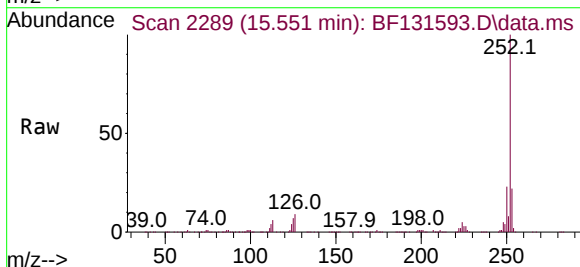
Tgt Ion:252 Resp: 348692

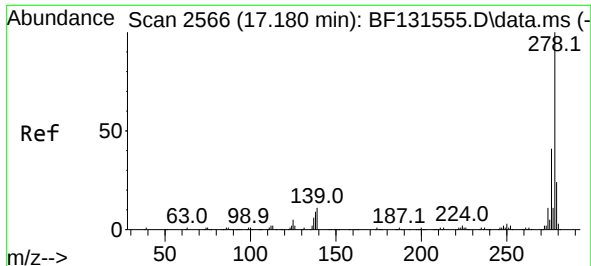
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

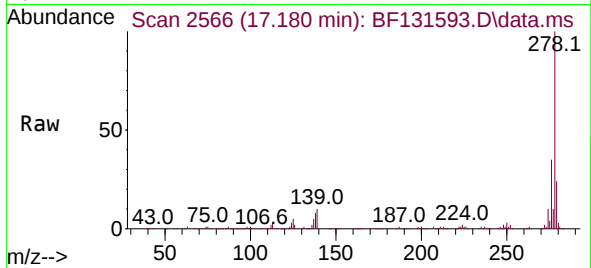
125 7.4 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 42.725 ng
RT: 17.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26

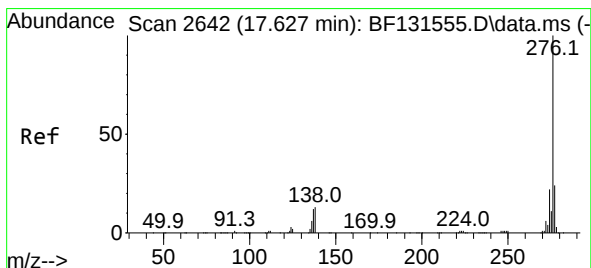
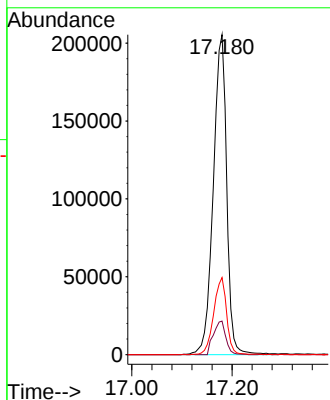
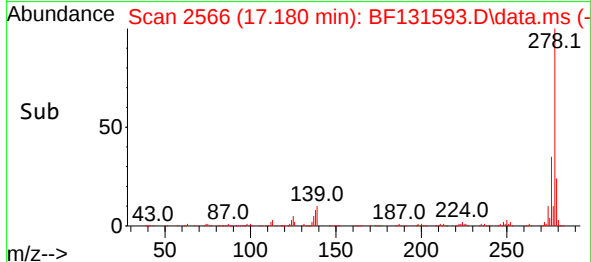
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS



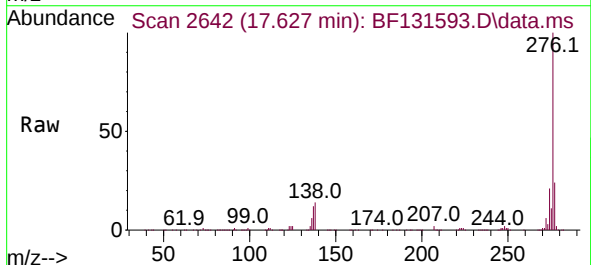
Tgt Ion:278 Resp: 381656
Ion Ratio Lower Upper
278 100
139 10.5 8.9 13.3
279 24.1 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.933 ng
RT: 17.627 min Scan# 2642
Delta R.T. -0.000 min
Lab File: BF131593.D
Acq: 12 Dec 2022 15:26



Tgt Ion:276 Resp: 376466
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 13.6 10.7 16.1

