

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131761.D
 Acq On : 21 Dec 2022 23:35
 Operator : CG\JU
 Sample : N6129-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/22/2022
 Supervised By : Jagrut Upadhyay 12/22/2022

Quant Time: Dec 22 05:52:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85179	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315586	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183356	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	354550	20.000	ng	0.00
76) Chrysene-d12	14.069	240	232609	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	191158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	762680	150.773	ng	0.03
7) Phenol-d6	6.510	99	958633	140.798	ng	0.00
23) Nitrobenzene-d5	7.440	82	737066	94.814	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	324130	161.508	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1271659	97.154	ng	0.00
79) Terphenyl-d14	13.004	244	1551518	103.955	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.846	88	109574	46.354	ng	# 82
3) Pyridine	3.540	79	264668	39.266	ng	98
4) n-Nitrosodimethylamine	3.487	42	159653	52.353	ng	95
6) Aniline	6.534	93	180834	21.514	ng	92
8) 2-Chlorophenol	6.651	128	281796	51.866	ng	99
9) Benzaldehyde	6.422	77	138440	34.141	ng	97
10) Phenol	6.522	94	363922	44.768	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	344441	59.211	ng	97
12) 1,3-Dichlorobenzene	6.804	146	299664	48.792	ng	99
13) 1,4-Dichlorobenzene	6.887	146	303696	48.376	ng	99
14) 1,2-Dichlorobenzene	7.034	146	289533	49.258	ng	99
15) Benzyl Alcohol	7.016	79	273010	44.894	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	378030	50.965	ng	77
17) 2-Methylphenol	7.128	107	270962	52.828	ng	94
18) Hexachloroethane	7.381	117	121748	48.922	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	249685	50.848	ng	97
20) 3+4-Methylphenols	7.281	107	319183	48.352	ng	# 89
22) Acetophenone	7.281	105	467245	50.734	ng	94
24) Nitrobenzene	7.457	77	387417	49.022	ng	96
25) Isophorone	7.698	82	691310	52.364	ng	99
26) 2-Nitrophenol	7.775	139	155456	50.332	ng	96
27) 2,4-Dimethylphenol	7.816	122	257065	58.437	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	385332	54.964	ng	100
29) 2,4-Dichlorophenol	8.016	162	265680	50.028	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	303988	48.691	ng	98
31) Naphthalene	8.181	128	822728	47.735	ng	100
32) Benzoic acid	7.951	122	193754	55.024	ng	96
33) 4-Chloroaniline	8.228	127	65823	9.793	ng	98
34) Hexachlorobutadiene	8.292	225	197389	46.993	ng	100
35) Caprolactam	8.616	113	70711m	44.158	ng	
36) 4-Chloro-3-methylphenol	8.722	107	308241	50.811	ng	97
37) 2-Methylnaphthalene	8.875	142	565323	48.086	ng	100
38) 1-Methylnaphthalene	8.975	142	524784	46.088	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	328599	52.382	ng	99
41) Hexachlorocyclopentadiene	9.022	237	382628	134.629	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	204700	49.953	ng	99

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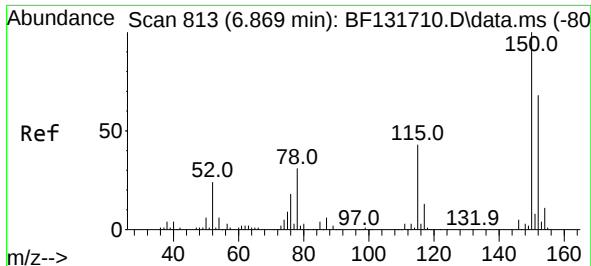
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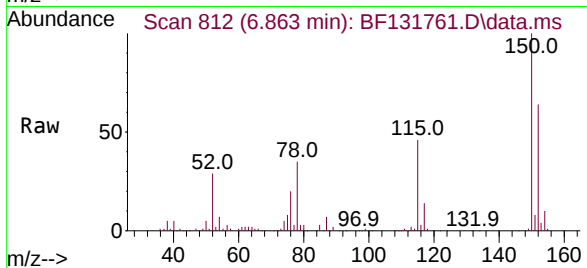
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	226683	51.098	ng	99
46) 1,1'-Biphenyl	9.339	154	723295	52.443	ng	99
47) 2-Chloronaphthalene	9.369	162	573659	50.796	ng	99
48) 2-Nitroaniline	9.469	65	204951	50.350	ng	95
49) Acenaphthylene	9.786	152	863820	50.996	ng	99
50) Dimethylphthalate	9.645	163	702715	50.934	ng	99
51) 2,6-Dinitrotoluene	9.710	165	152877	51.532	ng	95
52) Acenaphthene	9.957	154	523222	50.423	ng	99
53) 3-Nitroaniline	9.881	138	85500	28.167	ng	98
54) 2,4-Dinitrophenol	9.992	184	210002	118.141	ng	94
55) Dibenzofuran	10.128	168	803814	50.517	ng	99
56) 4-Nitrophenol	10.057	139	211364	97.288	ng	92
57) 2,4-Dinitrotoluene	10.116	165	210301	52.755	ng	91
58) Fluorene	10.475	166	646646	50.265	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	184445m	49.802	ng	
60) Diethylphthalate	10.351	149	680977	51.225	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	352027	51.484	ng	99
62) 4-Nitroaniline	10.510	138	142782	46.737	ng	95
63) Azobenzene	10.628	77	741629	50.801	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	124423	51.115	ng	94
66) n-Nitrosodiphenylamine	10.586	169	556533	50.617	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	212797	50.817	ng	100
68) Hexachlorobenzene	11.016	284	234786	50.980	ng	99
69) Atrazine	11.116	200	208022	56.758	ng	98
70) Pentachlorophenol	11.216	266	279622	114.395	ng	97
71) Phenanthrene	11.439	178	945148	48.888	ng	99
72) Anthracene	11.492	178	964693	50.962	ng	99
73) Carbazole	11.651	167	835799	51.034	ng	100
74) Di-n-butylphthalate	11.975	149	1054634	51.716	ng	100
75) Fluoranthene	12.633	202	1059927	49.227	ng	99
77) Benzidine	12.757	184	150872	35.372	ng	100
78) Pyrene	12.863	202	1077344	50.942	ng	100
80) Butylbenzylphthalate	13.480	149	420467	56.370	ng	99
81) Benzo(a)anthracene	14.057	228	870142	51.940	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	204692	43.764	ng	# 98
83) Chrysene	14.092	228	813890	51.473	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	564535	63.471	ng	99
85) Di-n-octyl phthalate	14.657	149	846589	68.187	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	693362	54.001	ng	100
88) Benzo(b)fluoranthene	15.121	252	688620	50.918	ng	100
89) Benzo(k)fluoranthene	15.151	252	691408	52.392	ng	99
90) Benzo(a)pyrene	15.498	252	579439	54.089	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	575068	54.196	ng	99
92) Benzo(g,h,i)perylene	17.533	276	566229	53.990	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

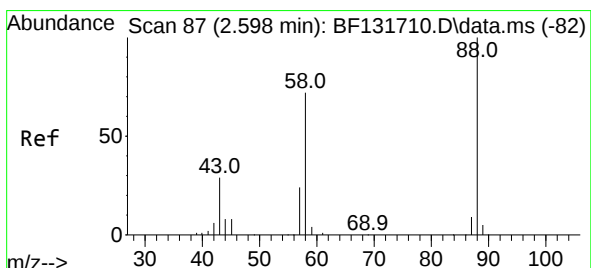
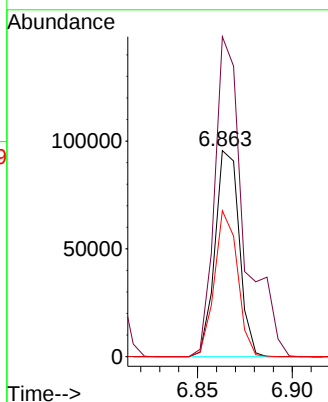
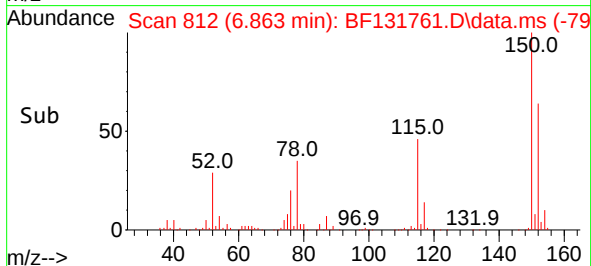
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:152 Resp: 85179
Ion Ratio Lower Upper
152 100
150 155.4 117.4 176.0
115 70.8 50.2 75.4

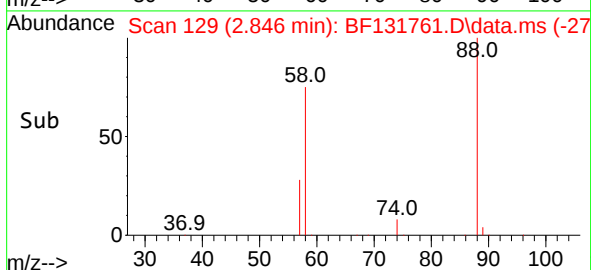
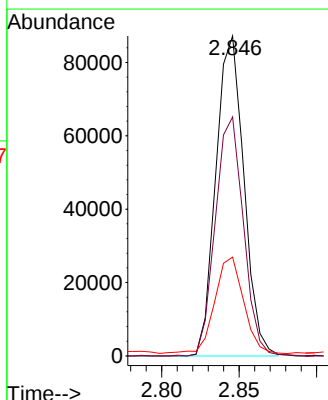
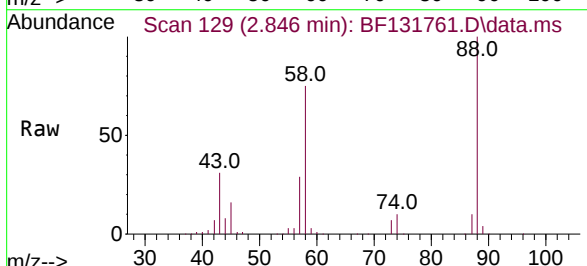
Manual Integrations
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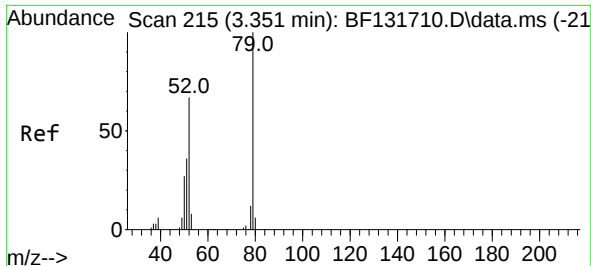
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#2
1,4-Dioxane
Concen: 46.354 ng
RT: 2.846 min Scan# 129
Delta R.T. 0.247 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Tgt Ion: 88 Resp: 109574
Ion Ratio Lower Upper
88 100
58 74.7 57.5 86.3
43 0.0 23.3 34.9





#3

Pyridine

Concen: 39.266 ng

RT: 3.540 min Scan# 24

Delta R.T. 0.188 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

Tgt Ion: 79 Resp: 264668

Ion Ratio Lower Upper

79 100

52 68.0 53.7 80.5

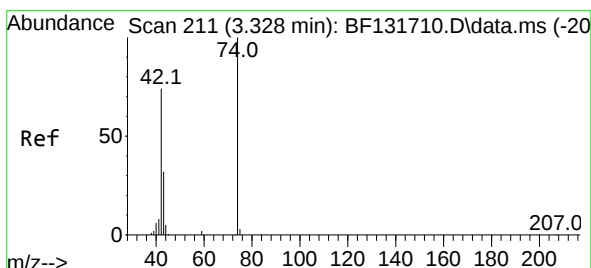
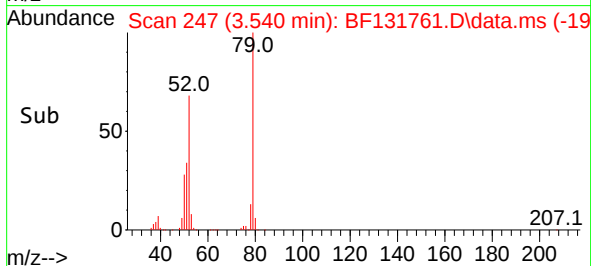
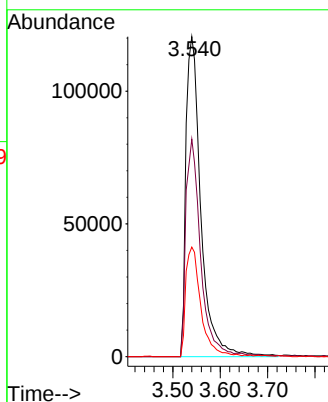
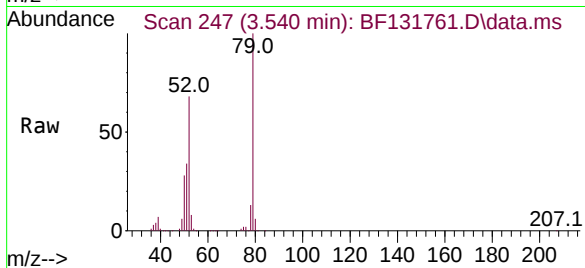
51 34.2 28.6 42.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 52.353 ng

RT: 3.487 min Scan# 238

Delta R.T. 0.159 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

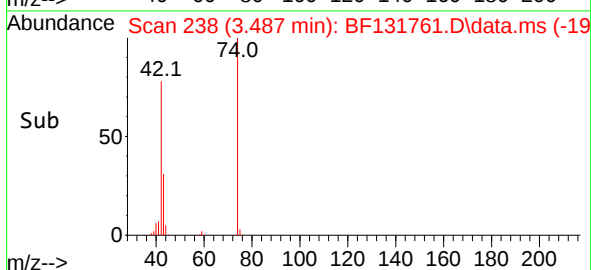
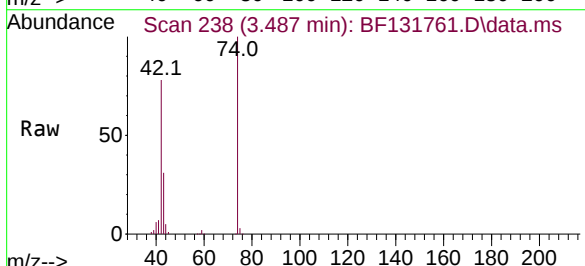
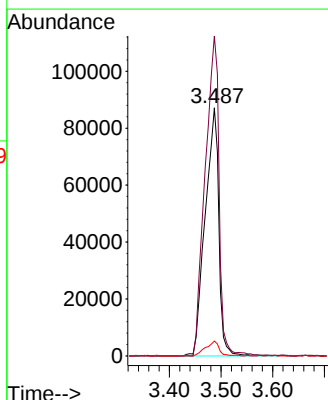
Tgt Ion: 42 Resp: 159653

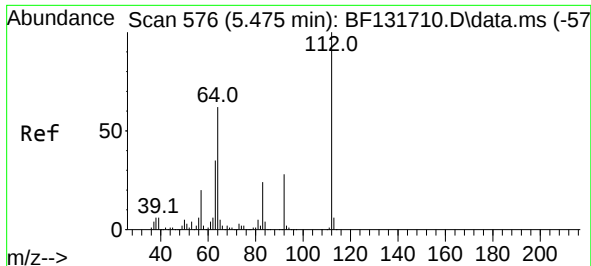
Ion Ratio Lower Upper

42 100

74 129.0 107.8 161.8

44 5.9 5.5 8.3





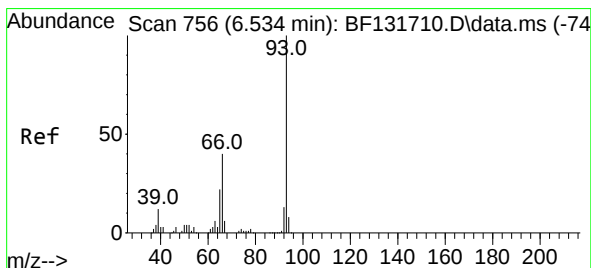
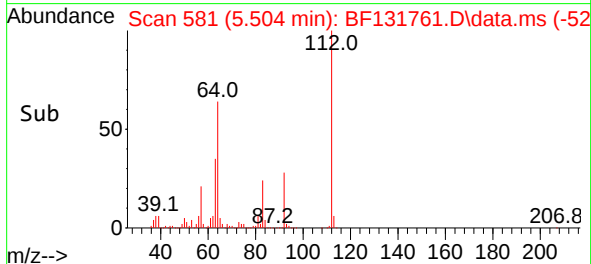
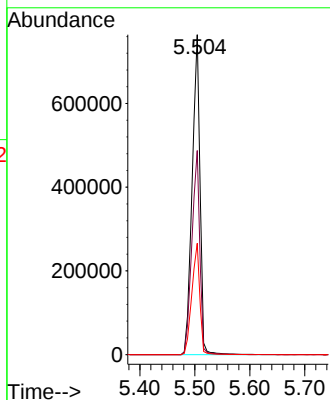
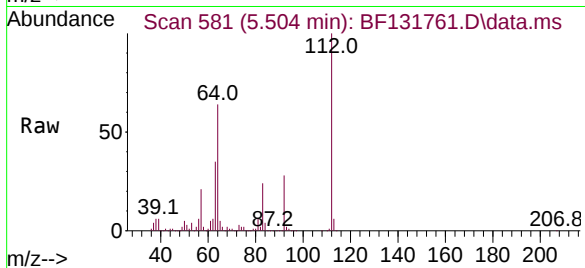
#5
2-Fluorophenol
Concen: 150.773 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.030 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

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ClientSampleId :
C3MSD

Tgt Ion:112 Resp: 762680
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 34.8 28.2 42.2

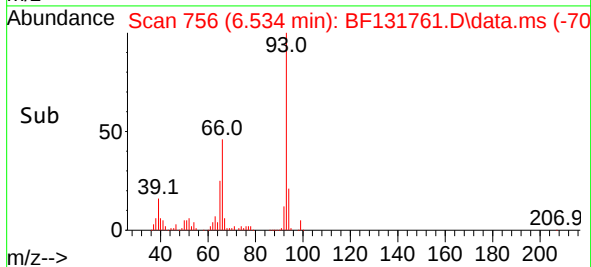
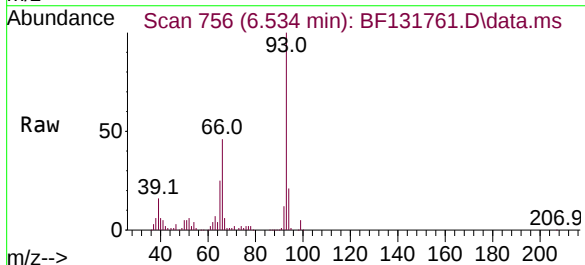
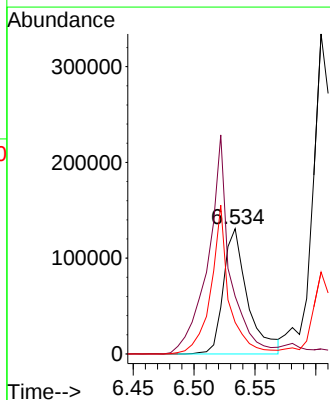
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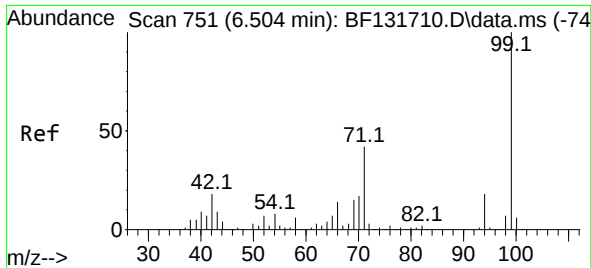
Reviewed By :Christian Giraldo 12/22/2022
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#6
Aniline
Concen: 21.514 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

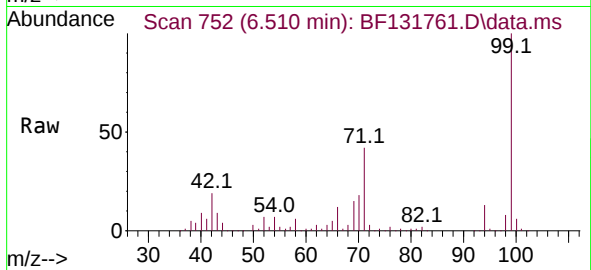
Tgt Ion: 93 Resp: 180834
Ion Ratio Lower Upper
93 100
66 46.0 32.8 49.2
65 25.1 17.4 26.2





#7
Phenol-d6
Concen: 140.798 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

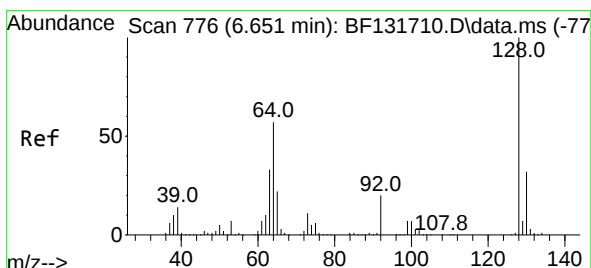
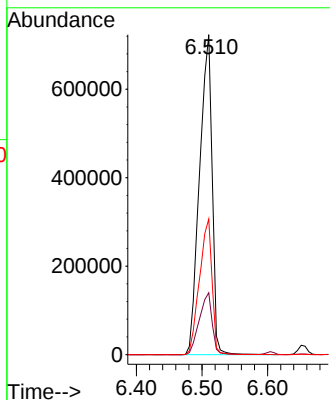
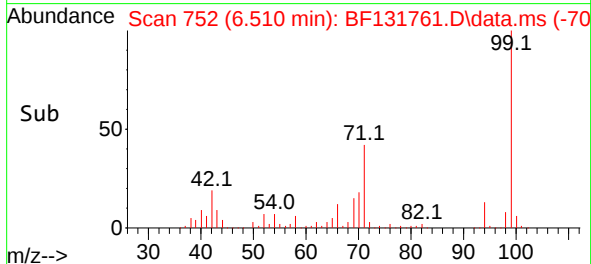
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ClientSampleId :
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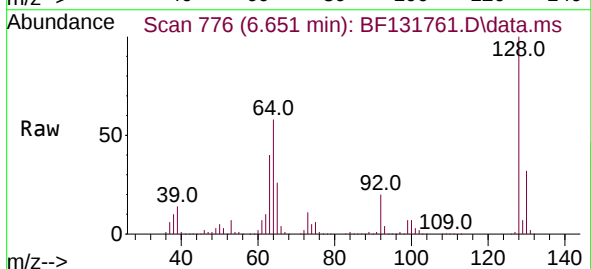
Tgt Ion: 99 Resp: 95863
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 42.4 33.8 50.6

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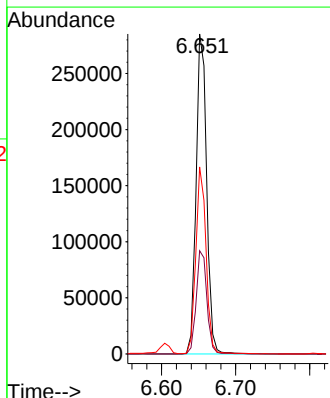
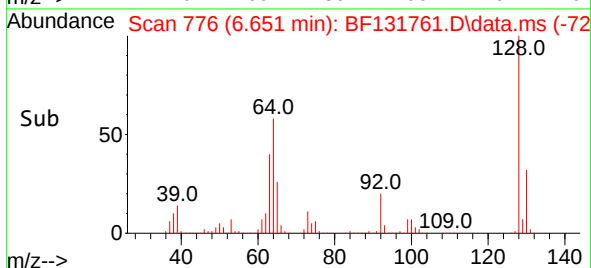
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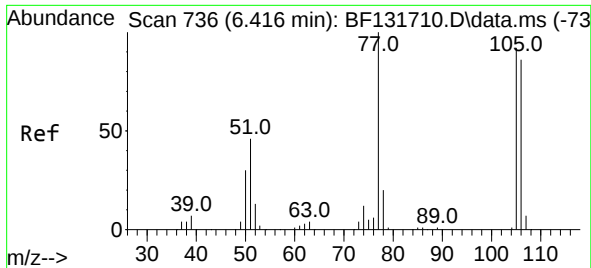


#8
2-Chlorophenol
Concen: 51.866 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:128 Resp: 281796
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 58.4 37.7 77.7





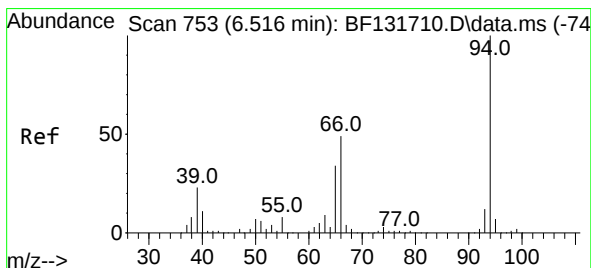
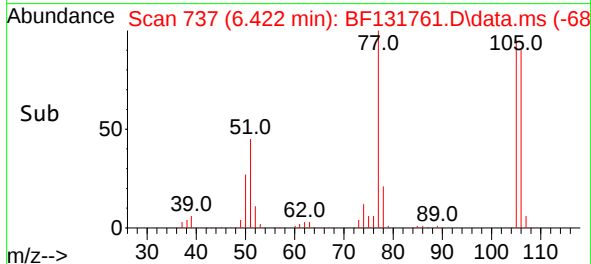
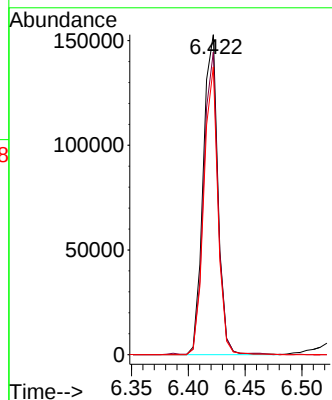
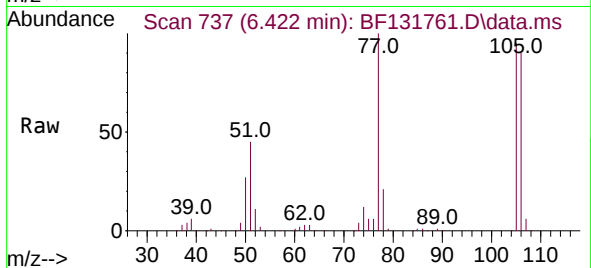
#9
Benzaldehyde
Concen: 34.141 ng
RT: 6.422 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Instrument :
BNA_F
ClientSampleId :
C3MSD

Tgt Ion: 77 Resp: 138440
Ion Ratio Lower Upper
77 100
105 94.5 72.4 112.4
106 89.9 66.5 106.5

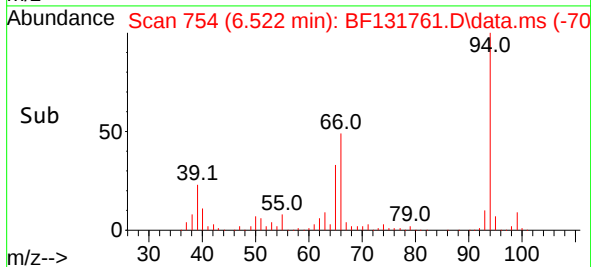
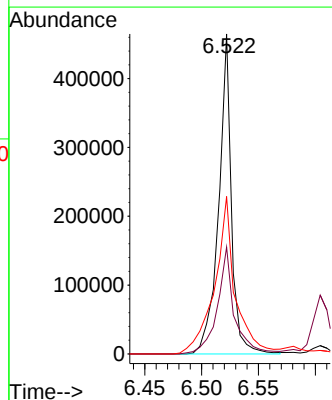
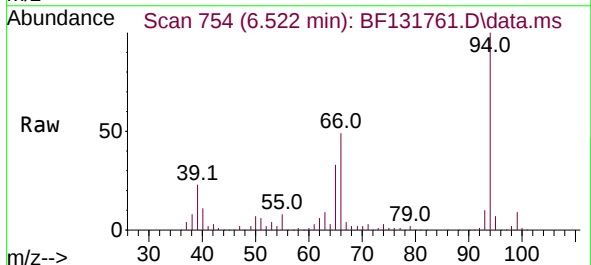
Manual Integrations
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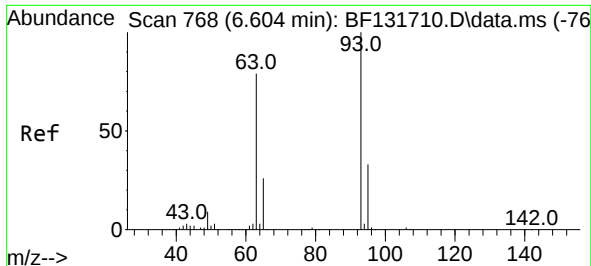
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#10
Phenol
Concen: 44.768 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Tgt Ion: 94 Resp: 363922
Ion Ratio Lower Upper
94 100
65 33.4 14.0 54.0
66 49.2 28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 59.211 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

Tgt Ion: 93 Resp: 34444

Ion Ratio Lower Upper

93 100

63 76.6 59.0 99.0

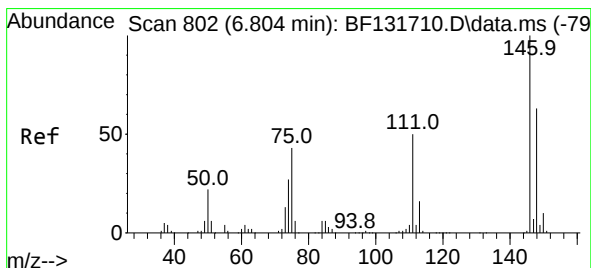
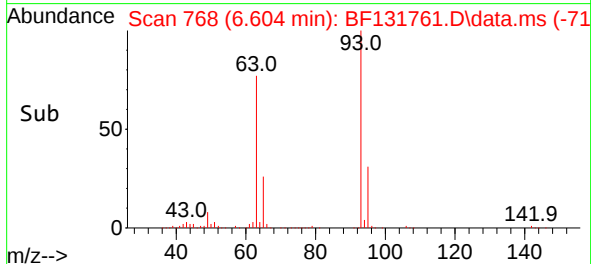
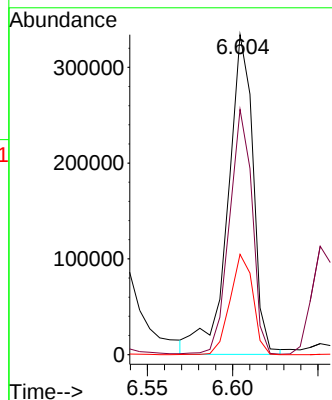
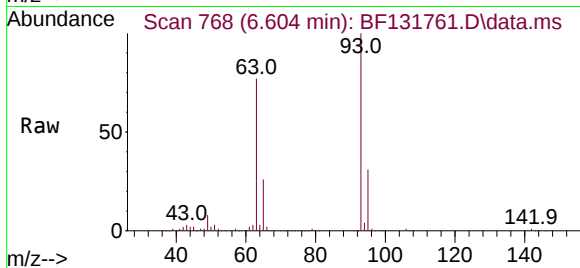
95 31.3 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#12

1,3-Dichlorobenzene

Concen: 48.792 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

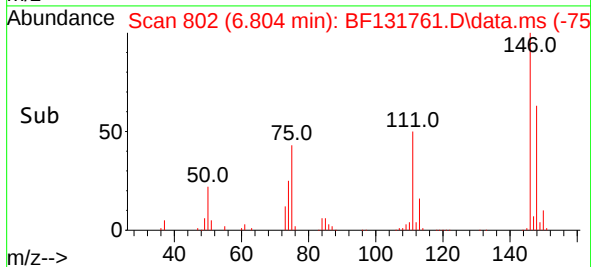
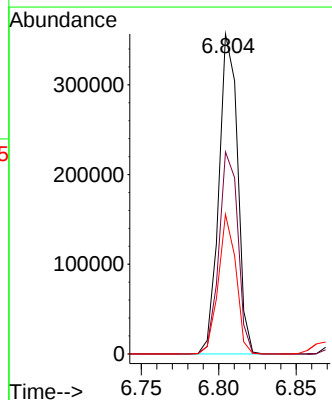
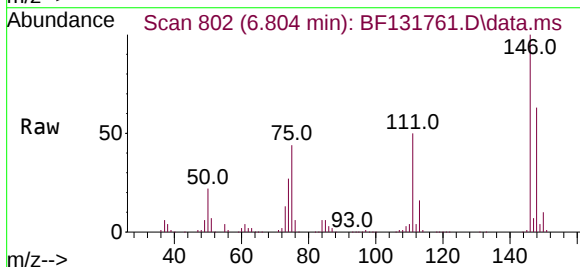
Tgt Ion:146 Resp: 299664

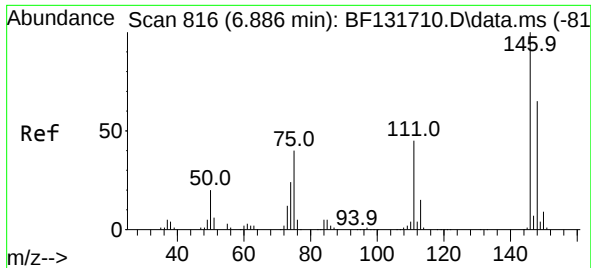
Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

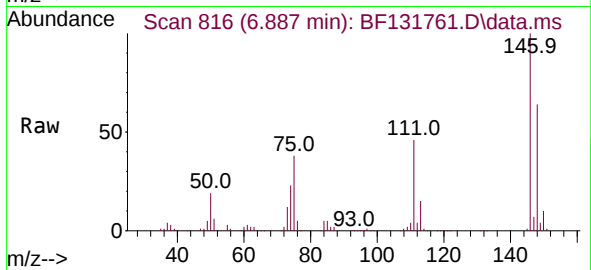
75 43.7 34.3 51.5





#13
1,4-Dichlorobenzene
Concen: 48.376 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

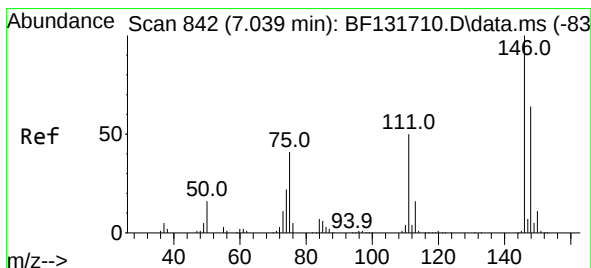
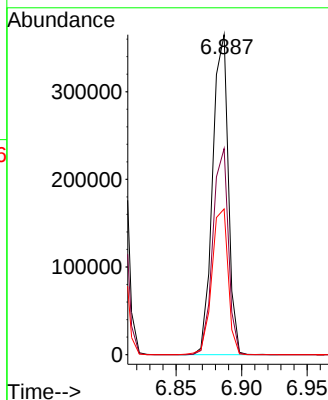
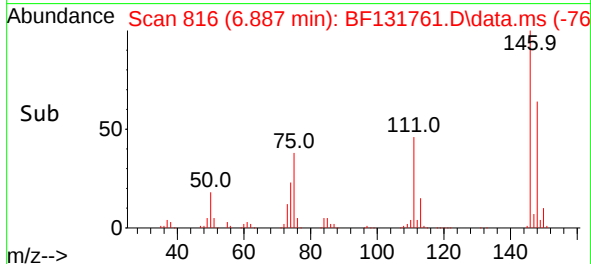
Instrument :
BNA_F
ClientSampleId :
C3MSD



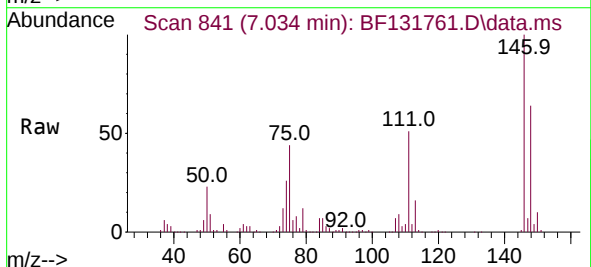
Tgt Ion:146 Resp: 303696
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 45.5 36.4 54.6

Manual Integrations
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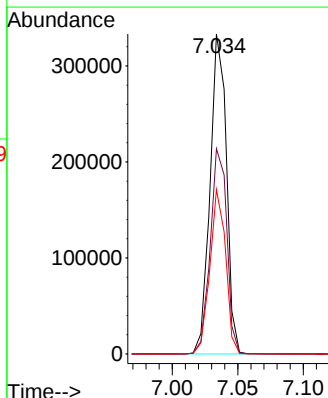
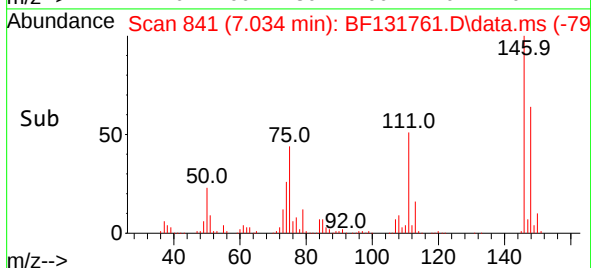
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

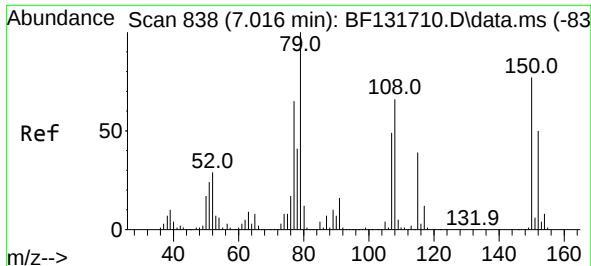


#14
1,2-Dichlorobenzene
Concen: 49.258 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:146 Resp: 289533
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 51.3 39.8 59.6





#15

Benzyl Alcohol

Concen: 44.894 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF131761.D

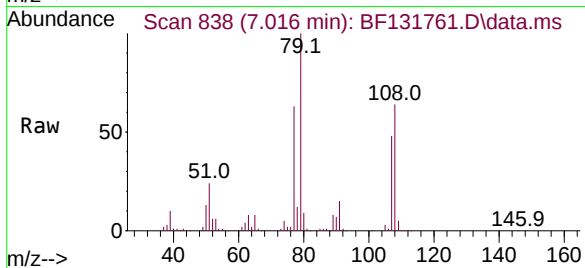
Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

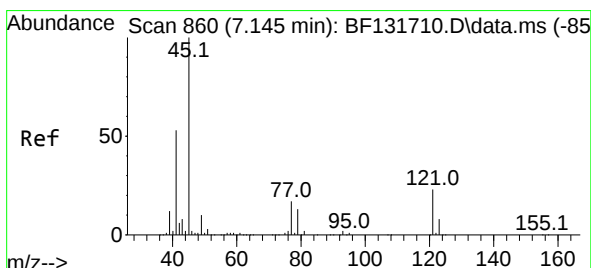
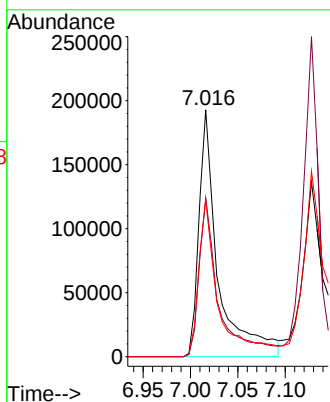
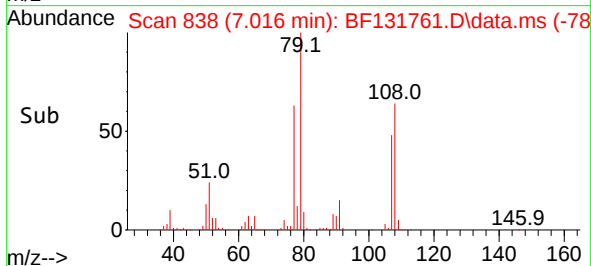


Tgt Ion:	79	Resp:	273010
Ion	Ratio	Lower	Upper
79	100		
108	64.3	52.6	78.8
77	63.4	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.965 ng

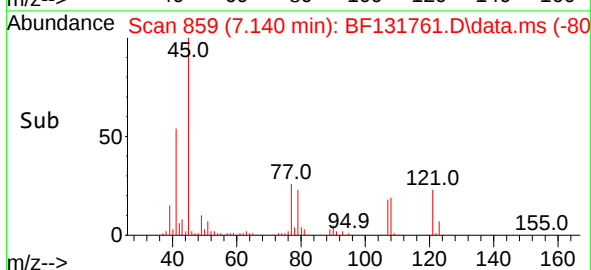
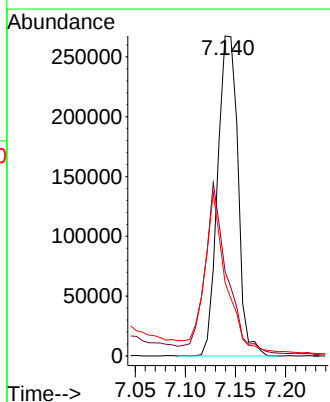
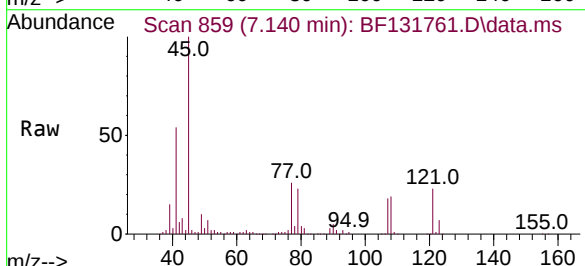
RT: 7.140 min Scan# 859

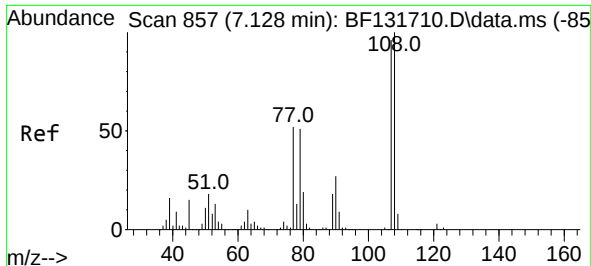
Delta R.T. -0.006 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

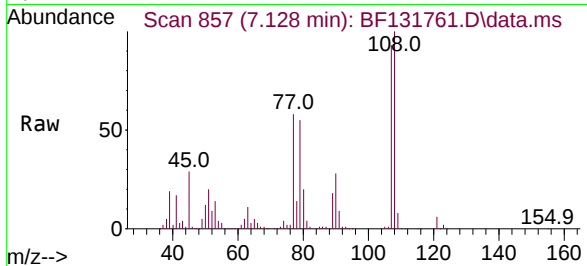
Tgt Ion:	45	Resp:	378030
Ion	Ratio	Lower	Upper
45	100		
77	26.4	0.0	36.8
79	22.8	0.0	33.1





#17
2-Methylphenol
Concen: 52.828 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

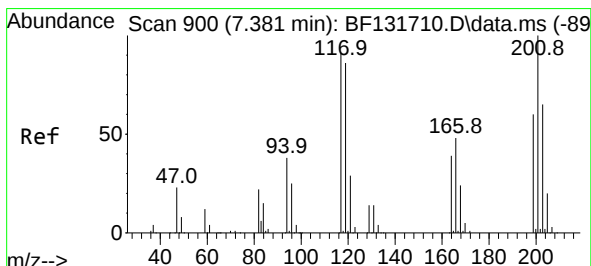
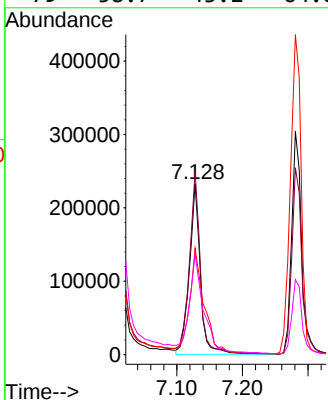
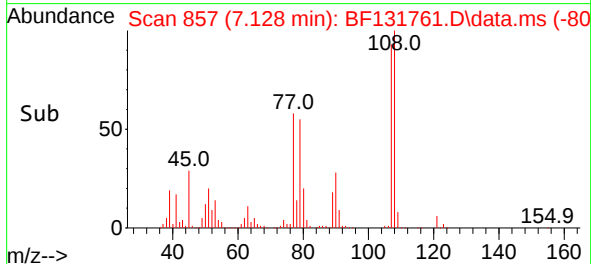
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:107 Resp: 270962
Ion Ratio Lower Upper
107 100
108 107.4 83.8 125.6
77 62.2 43.8 65.8
79 58.7 43.2 64.8

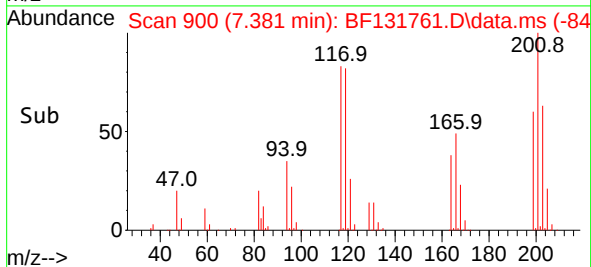
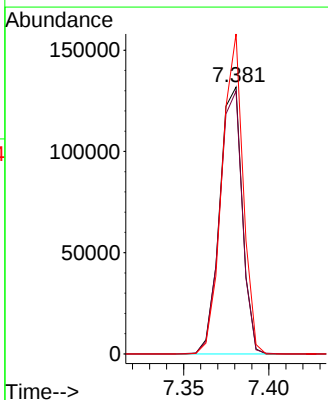
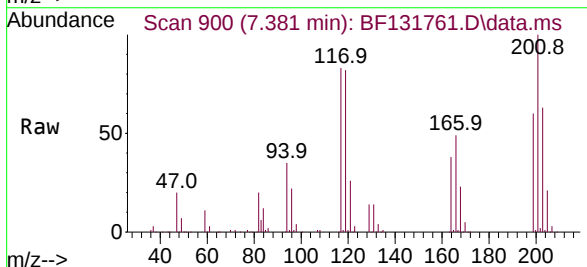
Manual Integrations
APPROVED

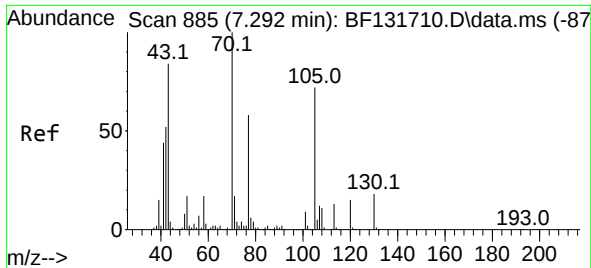
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#18
Hexachloroethane
Concen: 48.922 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

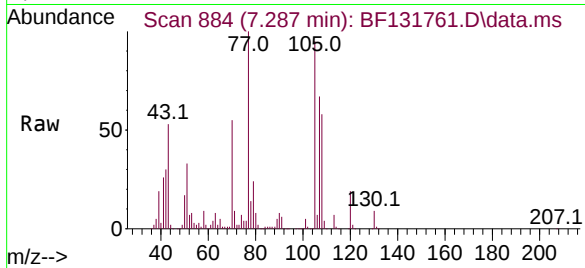
Tgt Ion:117 Resp: 121748
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
201 119.9 88.2 132.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.848 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

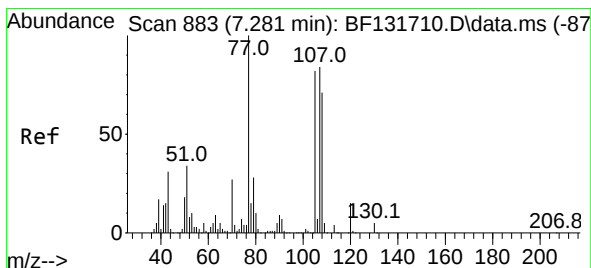
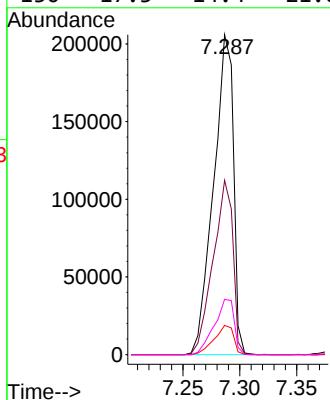
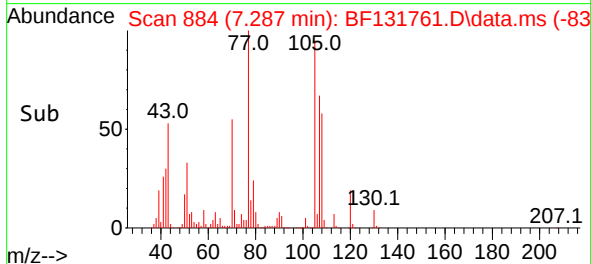
Instrument :
BNA_F
ClientSampleId :
C3MSD



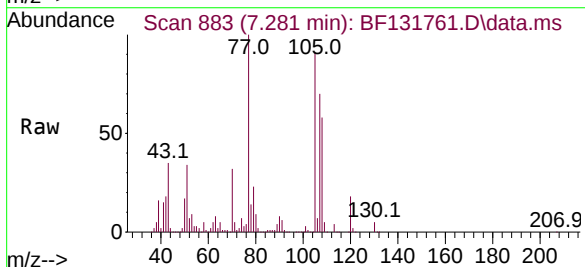
Tgt Ion: 70 Resp: 249685
Ion Ratio Lower Upper
70 100
42 54.5 41.5 62.3
101 9.1 7.3 10.9
130 17.3 14.4 21.6

Manual Integrations
APPROVED

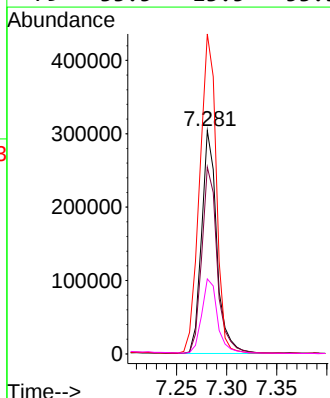
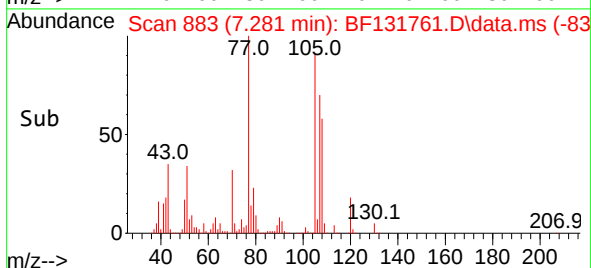
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

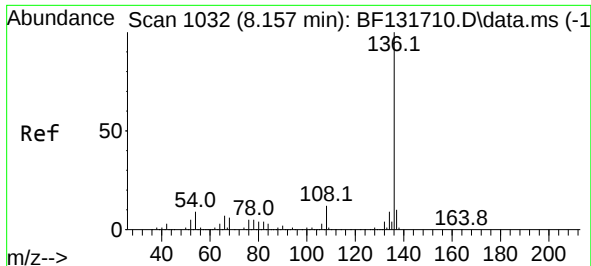


#20
3+4-Methylphenols
Concen: 48.352 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



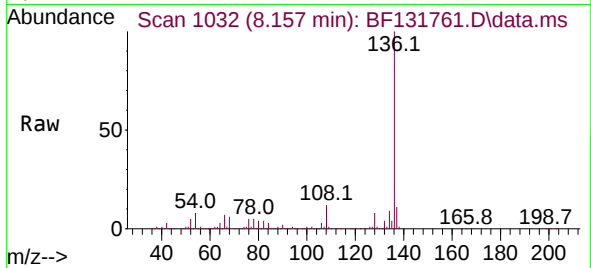
Tgt Ion:107 Resp: 319183
Ion Ratio Lower Upper
107 100
108 83.6 65.2 105.2
77 143.3 99.6 139.6#
79 33.5 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

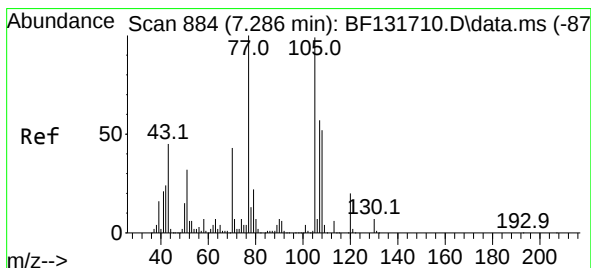
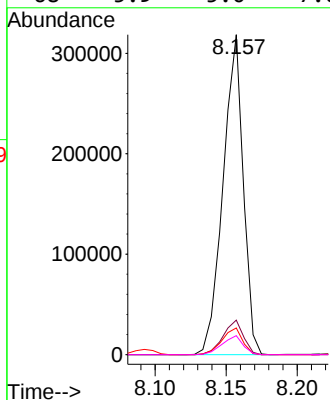
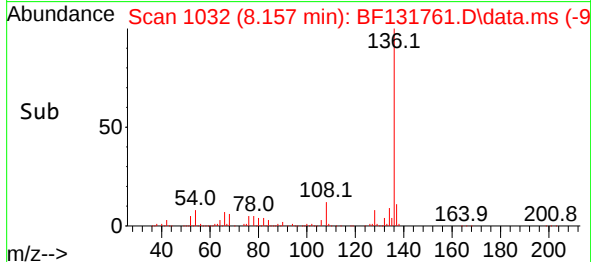
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:136 Resp: 315586
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 7.2 10.8
68 5.9 5.0 7.6

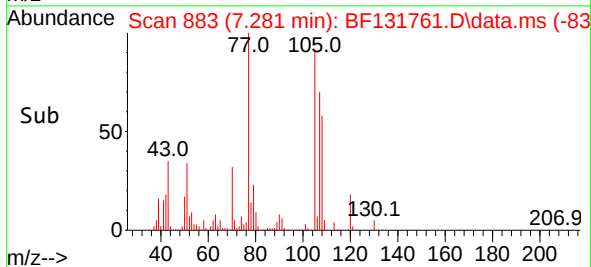
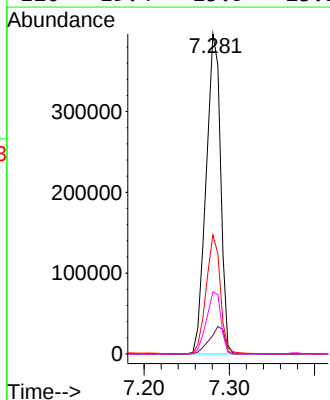
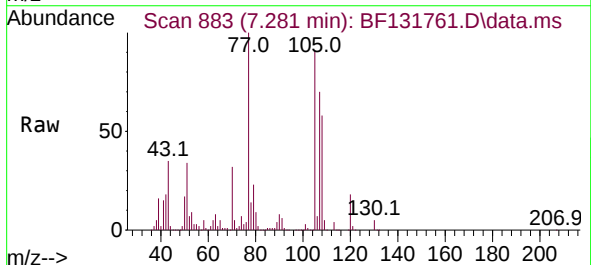
Manual Integrations
APPROVED

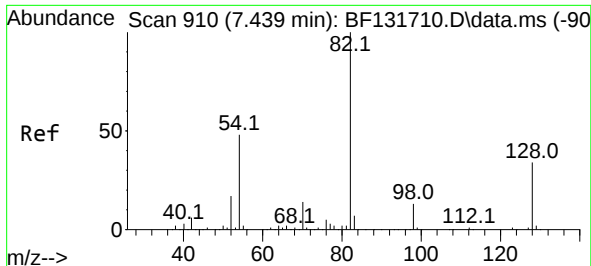
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#22
Acetophenone
Concen: 50.734 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

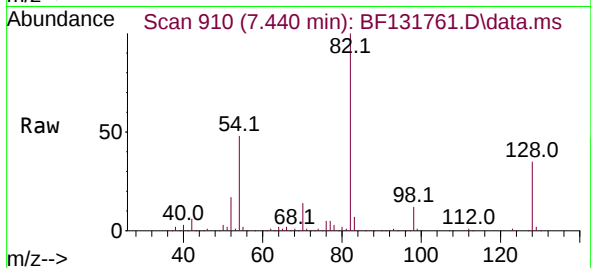
Tgt Ion:105 Resp: 467245
Ion Ratio Lower Upper
105 100
71 5.8 5.5 8.3
51 37.2 25.5 38.3
120 19.4 15.9 23.9





#23
Nitrobenzene-d5
Concen: 94.814 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

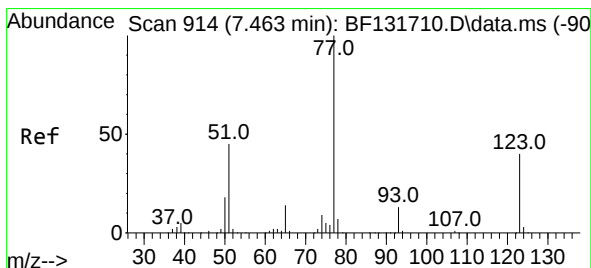
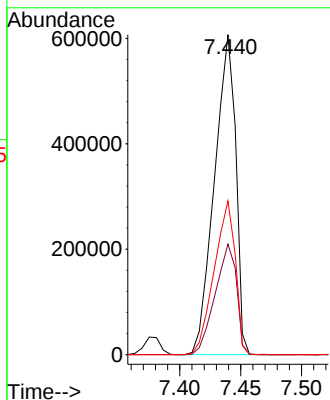
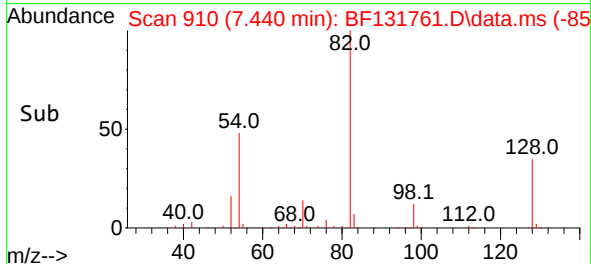
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion: 82 Resp: 737066
Ion Ratio Lower Upper
82 100
128 34.5 27.3 40.9
54 48.0 38.2 57.2

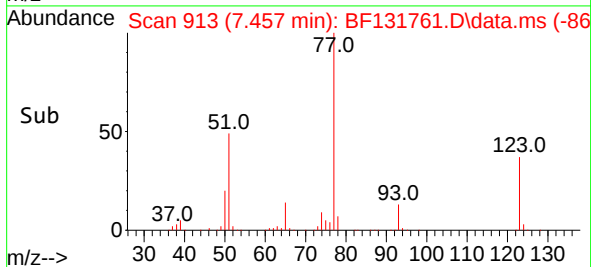
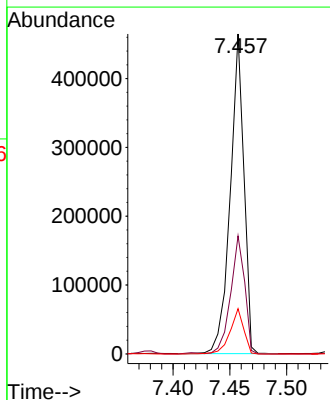
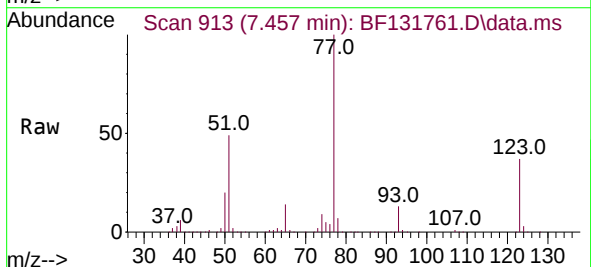
Manual Integrations
APPROVED

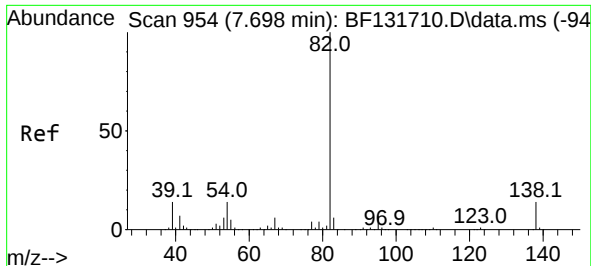
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#24
Nitrobenzene
Concen: 49.022 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

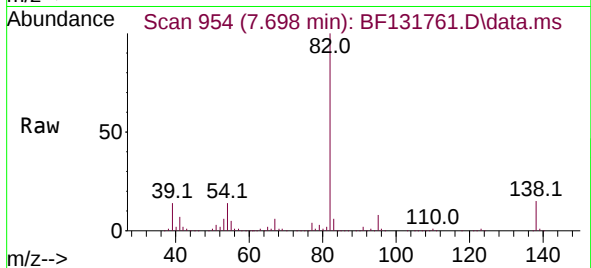
Tgt Ion: 77 Resp: 387417
Ion Ratio Lower Upper
77 100
123 36.9 31.8 47.6
65 14.1 10.9 16.3





#25
Isophorone
Concen: 52.364 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

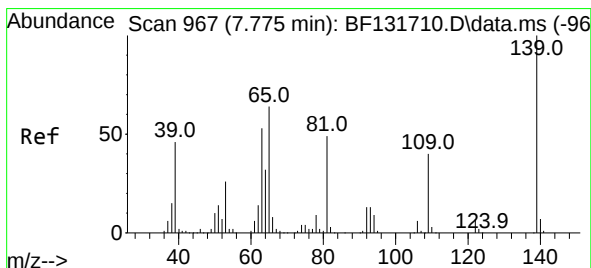
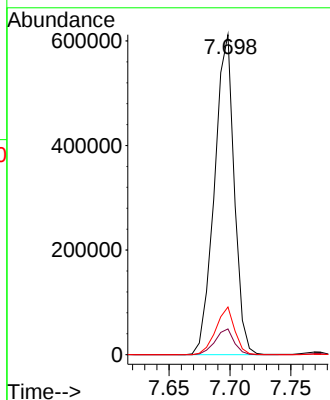
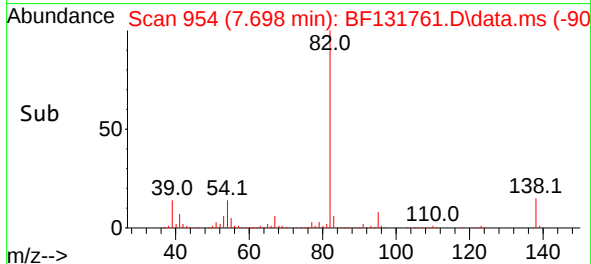
Instrument :
BNA_F
ClientSampleId :
C3MSD



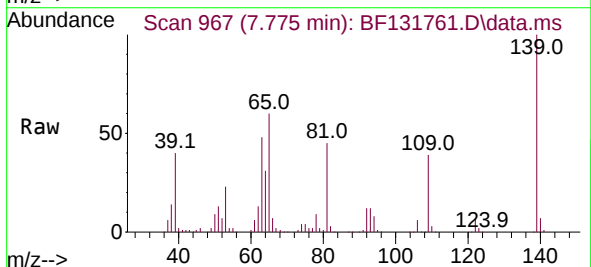
Tgt Ion: 82 Resp: 691310
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 14.9 11.6 17.4

Manual Integrations
APPROVED

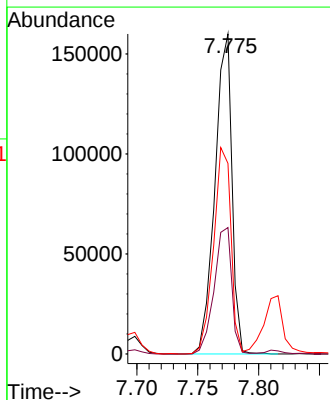
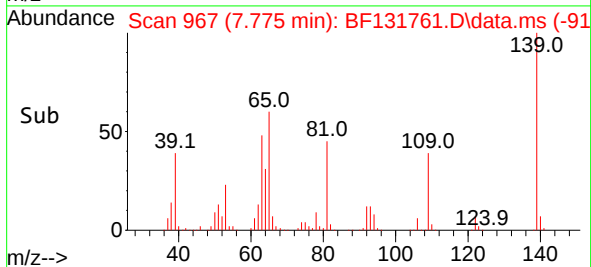
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

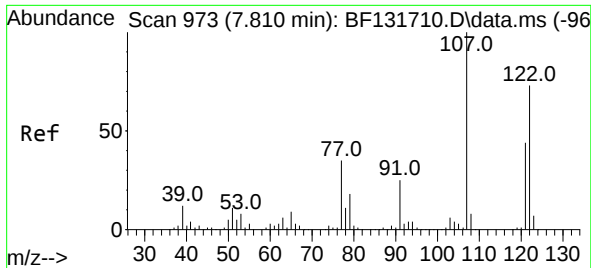


#26
2-Nitrophenol
Concen: 50.332 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:139 Resp: 155456
Ion Ratio Lower Upper
139 100
109 39.5 31.8 47.6
65 59.5 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 58.437 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

Tgt Ion:122 Resp: 257065

Ion Ratio Lower Upper

122 100

107 133.3 110.1 165.1

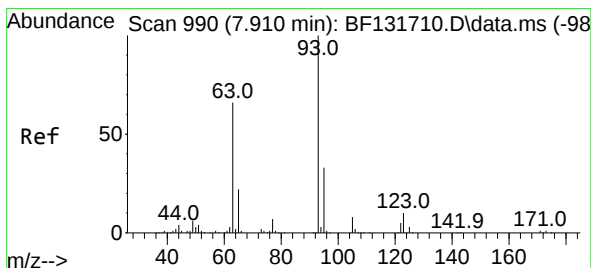
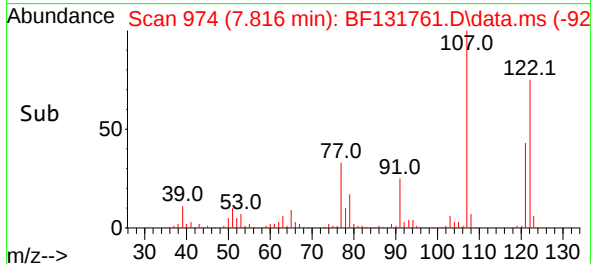
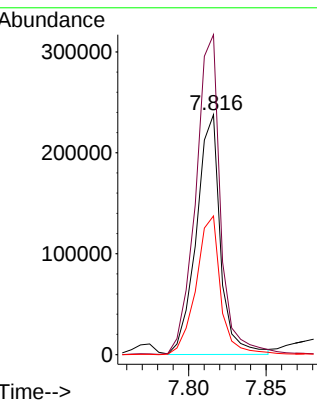
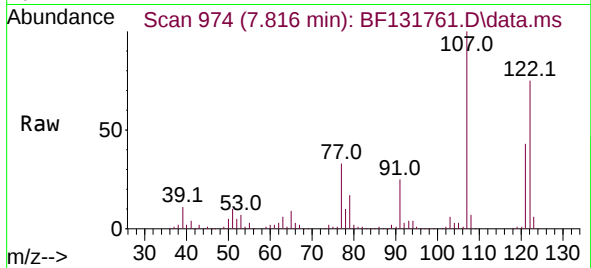
121 57.8 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 54.964 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

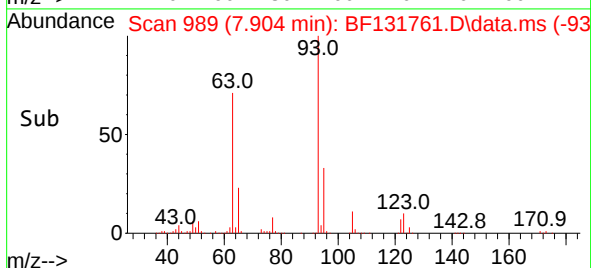
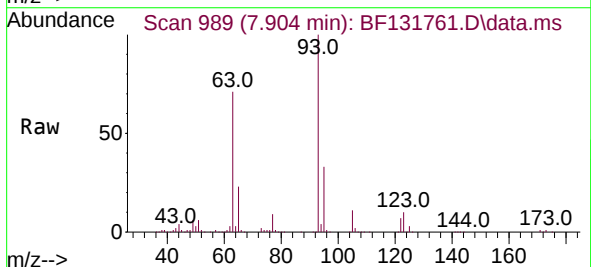
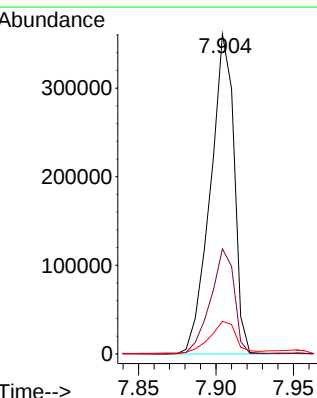
Tgt Ion: 93 Resp: 385332

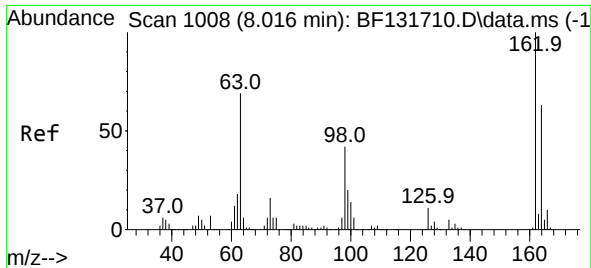
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 10.2 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 50.028 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

Tgt Ion:162 Resp: 265680

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

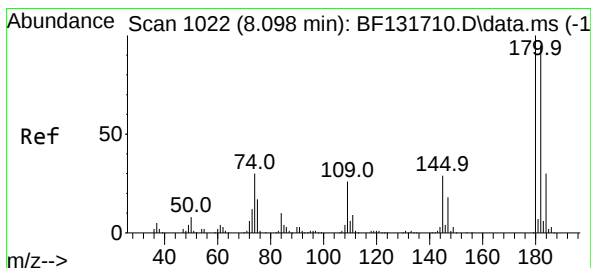
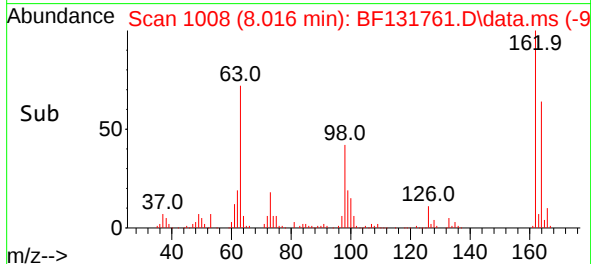
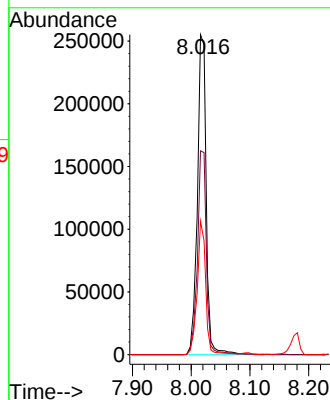
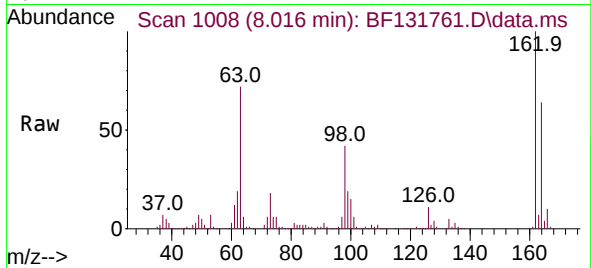
98 41.7 21.9 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.691 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

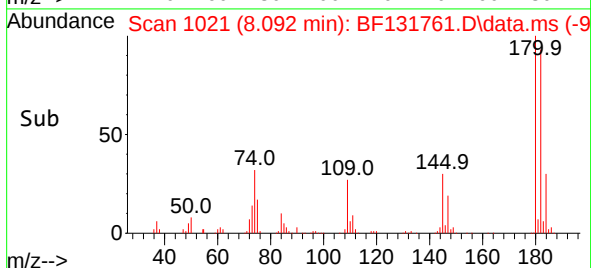
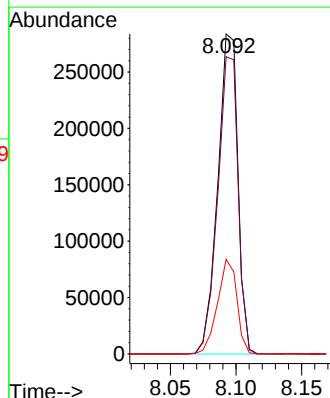
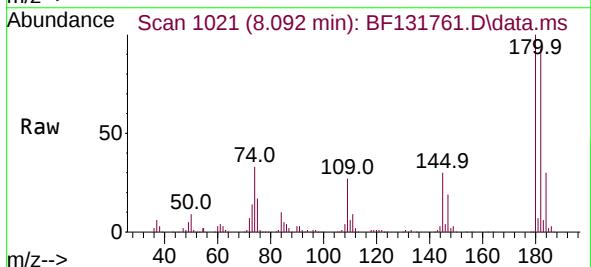
Tgt Ion:180 Resp: 303988

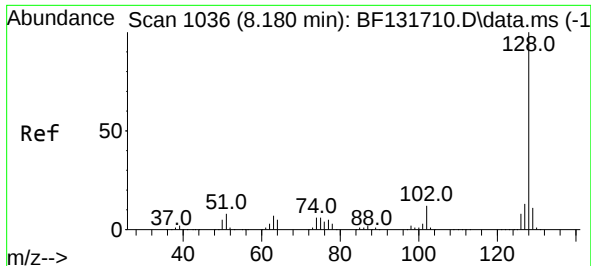
Ion Ratio Lower Upper

180 100

182 92.9 76.1 114.1

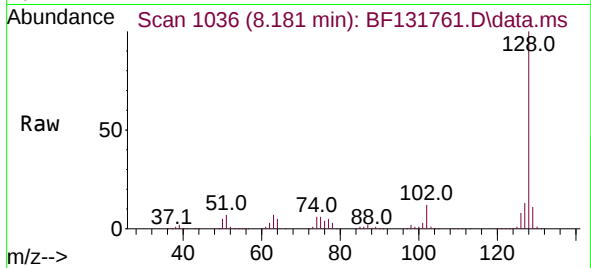
145 29.6 23.4 35.0





#31
Naphthalene
Concen: 47.735 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

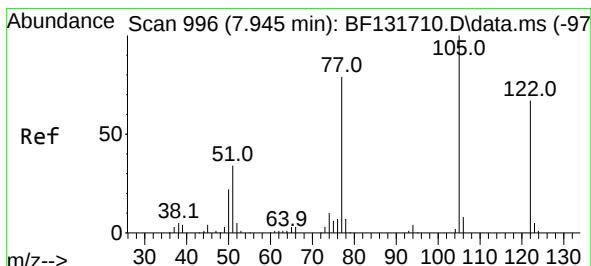
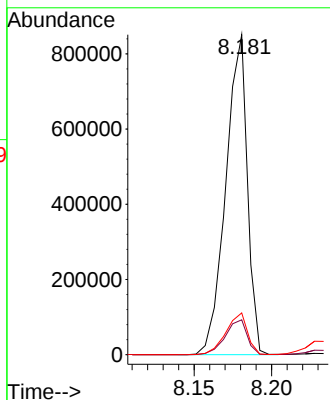
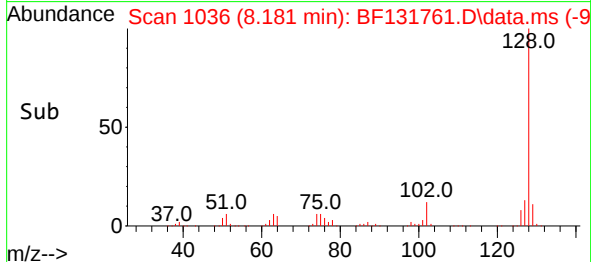
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:128 Resp: 822728
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.6 15.8

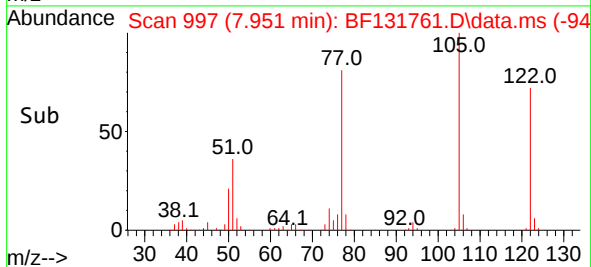
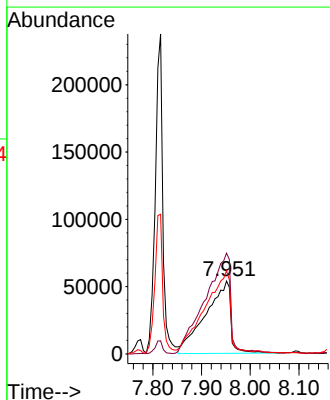
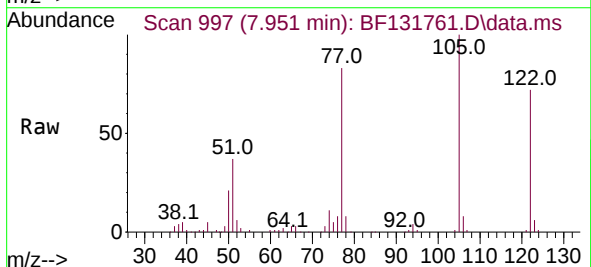
Manual Integrations
APPROVED

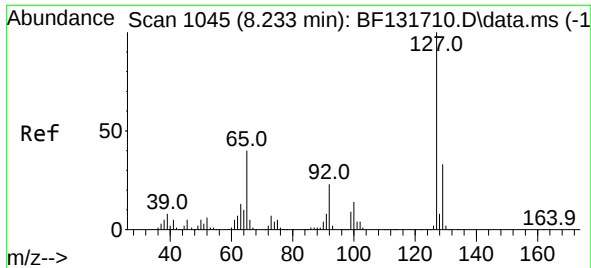
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#32
Benzoic acid
Concen: 55.024 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Tgt Ion:122 Resp: 193754
Ion Ratio Lower Upper
122 100
105 138.2 125.1 165.1
77 114.0 95.3 135.3





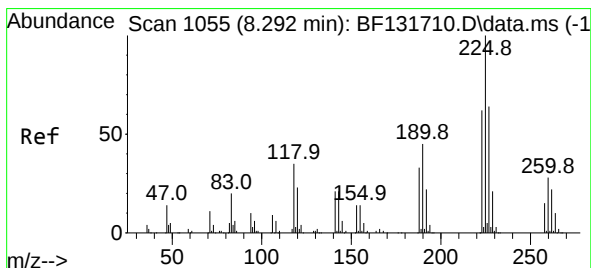
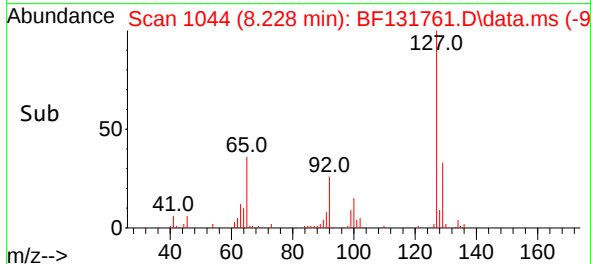
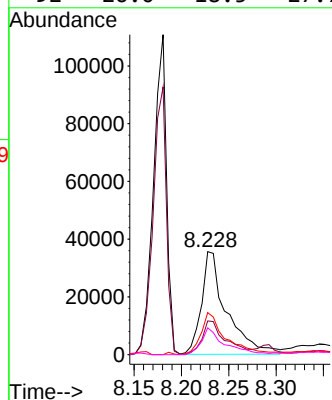
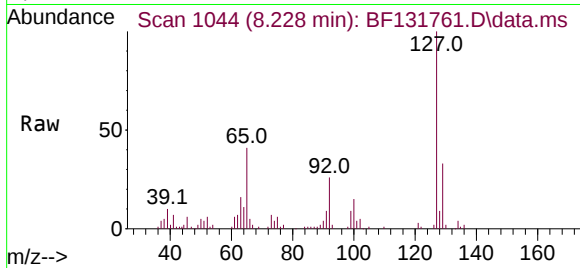
#33
4-Chloroaniline
Concen: 9.793 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Instrument :
BNA_F
ClientSampleId :
C3MSD

Tgt Ion:127	Resp: 65823
Ion Ratio	Lower Upper
127 100	
129 32.7	26.1 39.1
65 40.8	31.8 47.6
92 26.0	18.5 27.7

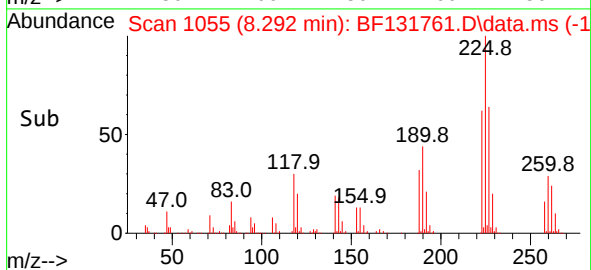
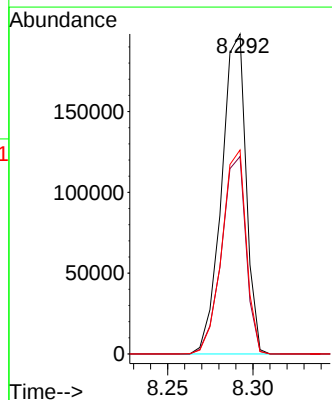
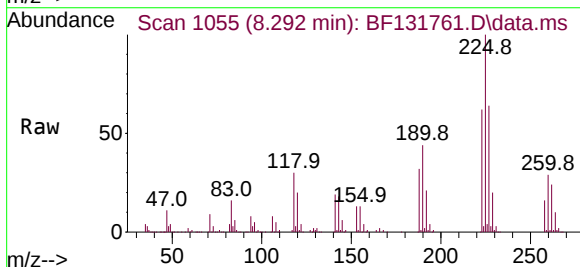
Manual Integrations
APPROVED

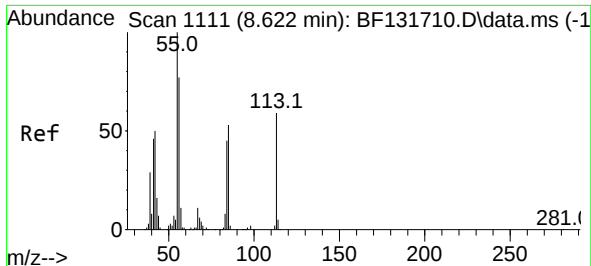
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#34
Hexachlorobutadiene
Concen: 46.993 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

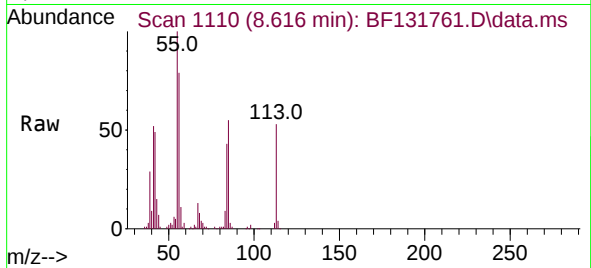
Tgt Ion:225	Resp: 197389
Ion Ratio	Lower Upper
225 100	
223 61.7	49.5 74.3
227 63.7	51.0 76.4





#35
Caprolactam
Concen: 44.158 ng m
RT: 8.616 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

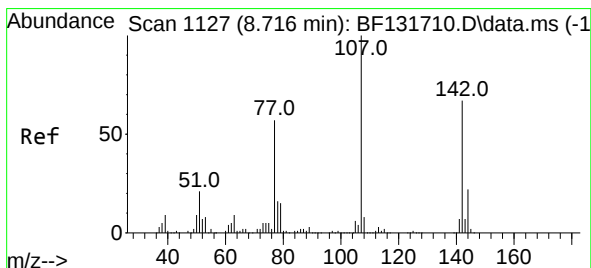
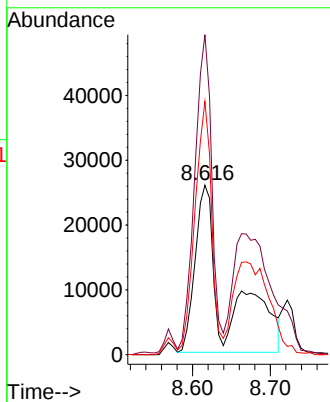
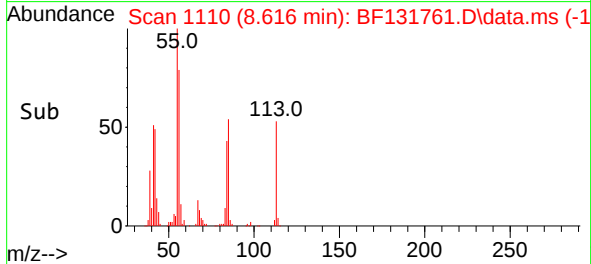
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:113 Resp: 70711
Ion Ratio Lower Upper
113 100
55 188.9 149.0 189.0
56 149.5 109.5 149.5

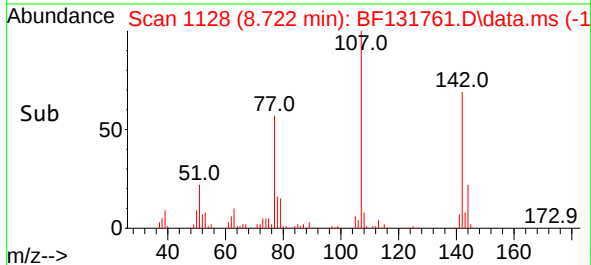
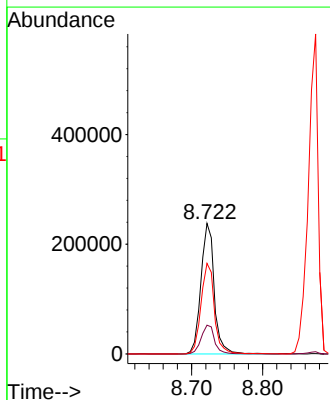
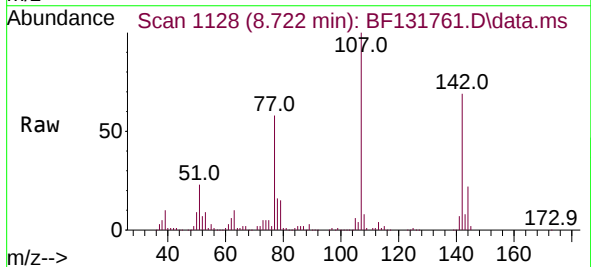
Manual Integrations
APPROVED

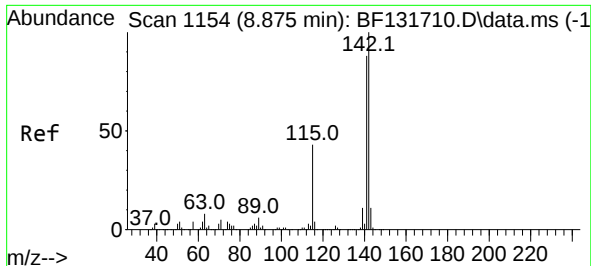
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#36
4-Chloro-3-methylphenol
Concen: 50.811 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Tgt Ion:107 Resp: 308241
Ion Ratio Lower Upper
107 100
144 22.0 17.5 26.3
142 69.3 53.4 80.0





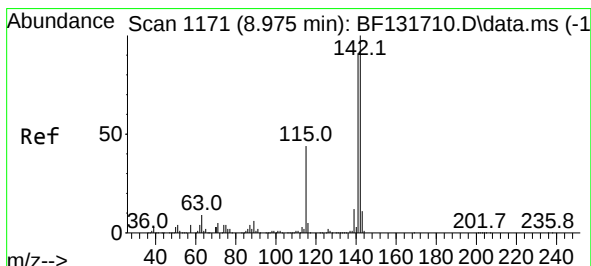
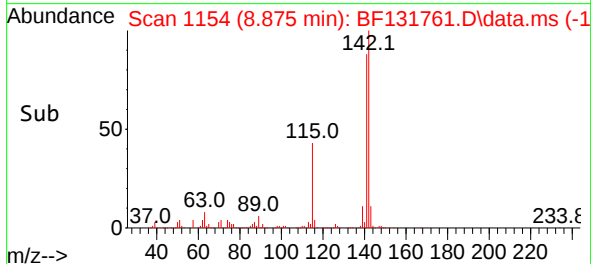
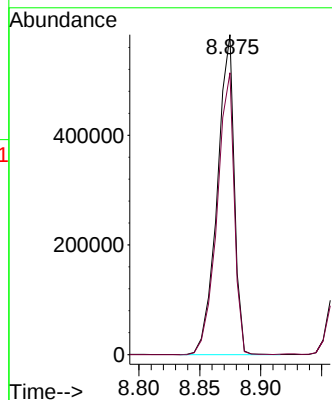
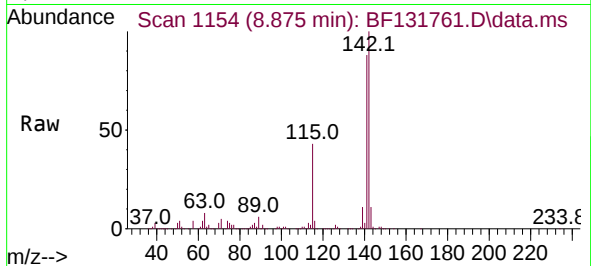
#37
2-Methylnaphthalene
Concen: 48.086 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Instrument :
BNA_F
ClientSampleId :
C3MSD

Tgt Ion:142 Resp: 565323
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

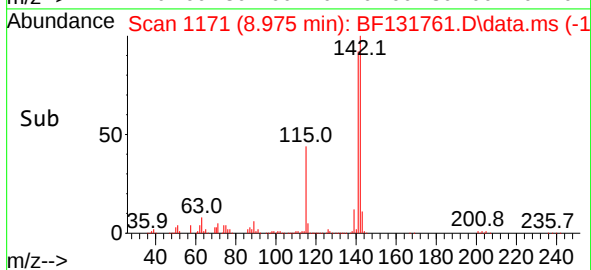
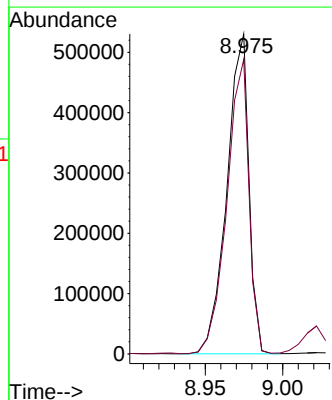
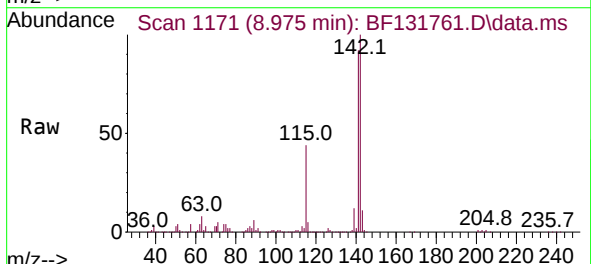
Manual Integrations
APPROVED

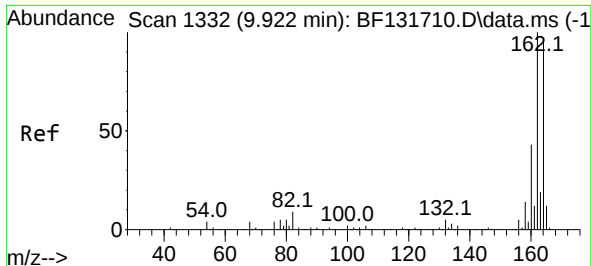
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#38
1-Methylnaphthalene
Concen: 46.088 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Tgt Ion:142 Resp: 524784
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF131761.D

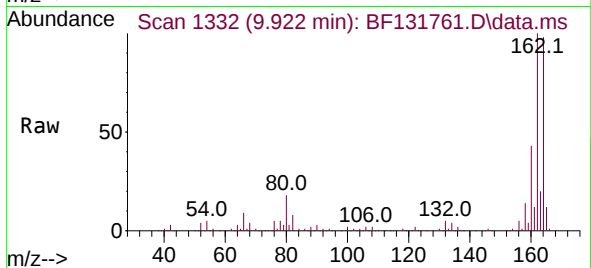
Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD



Tgt Ion:164 Resp: 183356

Ion Ratio Lower Upper

164 100

162 102.5 83.7 125.5

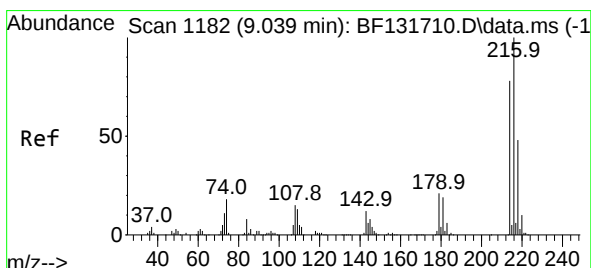
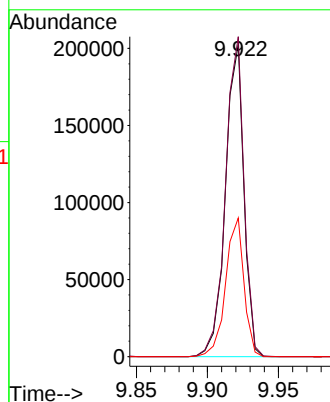
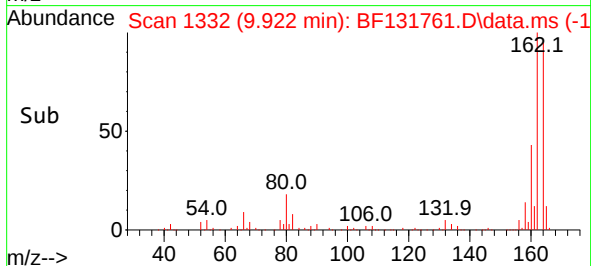
160 44.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.382 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Tgt Ion:216 Resp: 328599

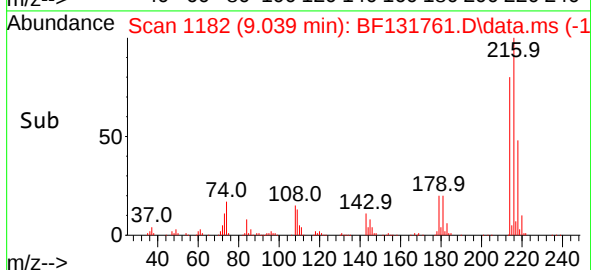
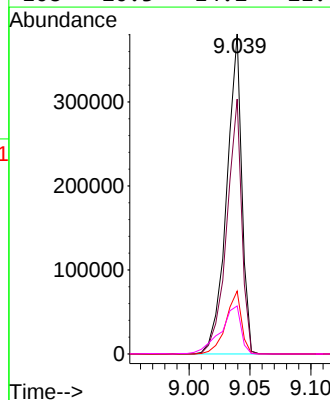
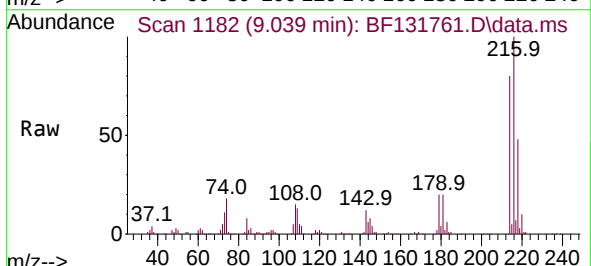
Ion Ratio Lower Upper

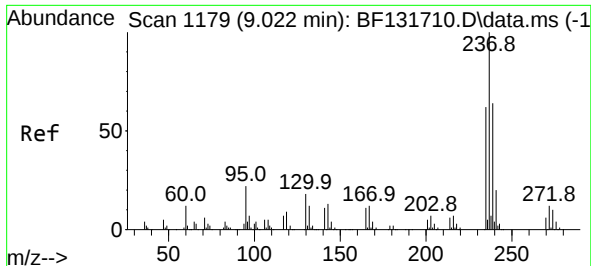
216 100

214 78.5 62.9 94.3

179 20.0 16.3 24.5

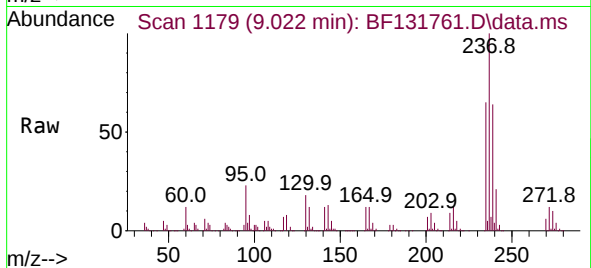
108 20.3 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 134.629 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

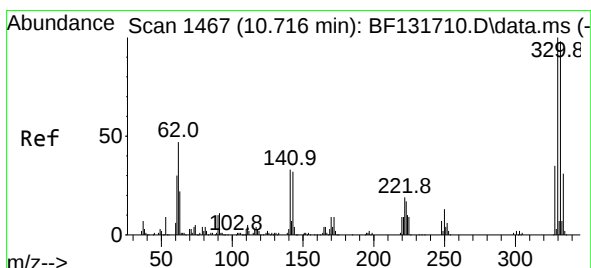
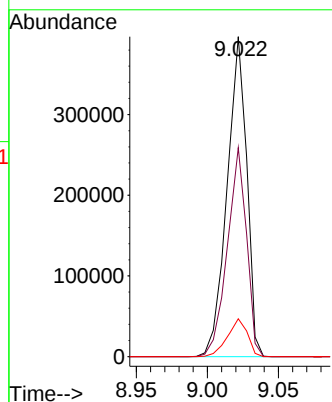
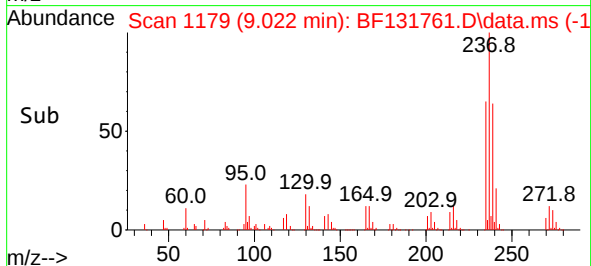
Instrument :
BNA_F
ClientSampleId :
C3MSD



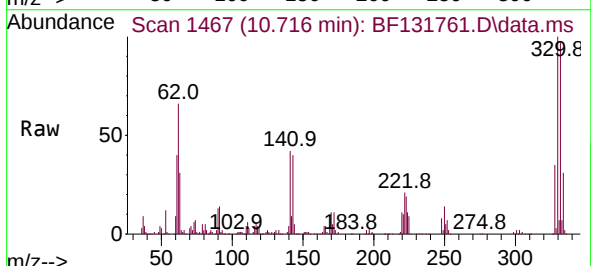
Tgt Ion:237 Resp: 382628
Ion Ratio Lower Upper
237 100
235 65.3 42.2 82.2
272 11.8 0.0 31.7

Manual Integrations
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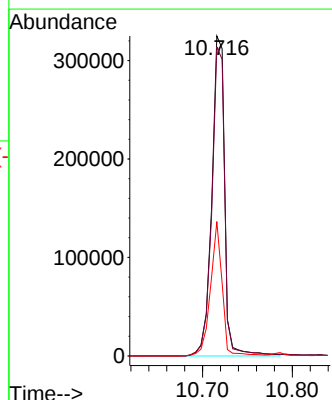
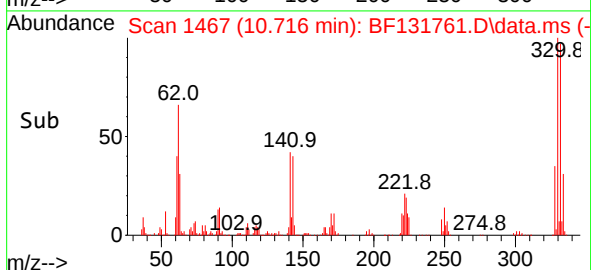
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

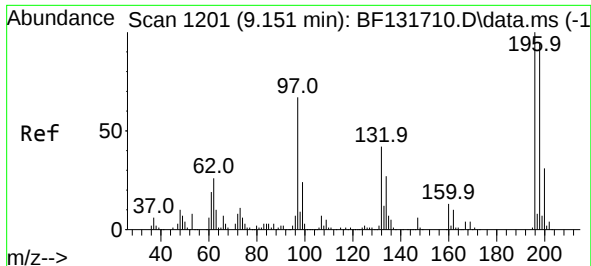


#42
2,4,6-Tribromophenol
Concen: 161.508 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



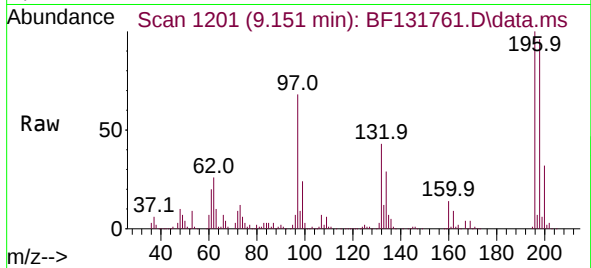
Tgt Ion:330 Resp: 324130
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 37.8 30.4 45.6





#43
2,4,6-Trichlorophenol
Concen: 49.953 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

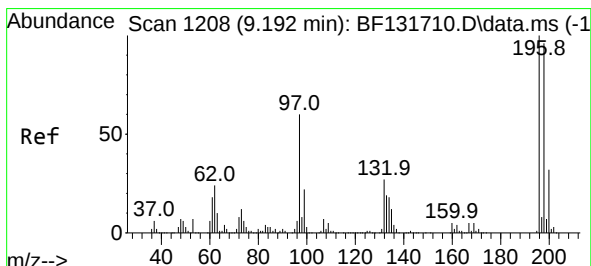
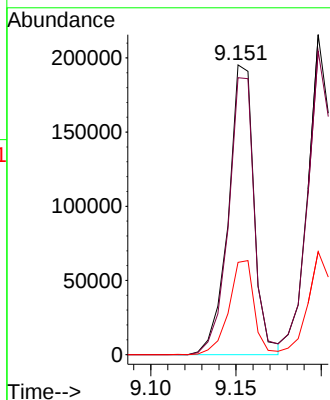
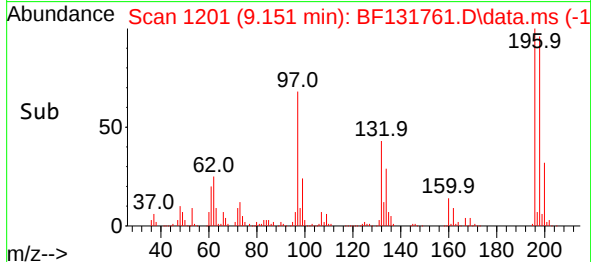
Instrument :
BNA_F
ClientSampleId :
C3MSD



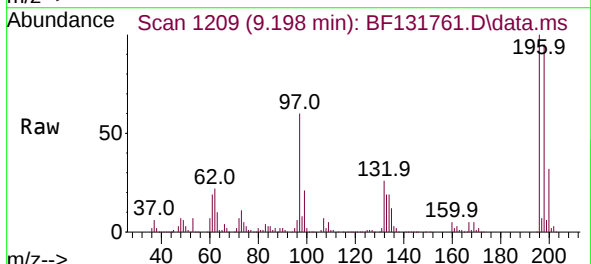
Tgt Ion:196 Resp: 204700
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
200 31.8 25.2 37.8

Manual Integrations
APPROVED

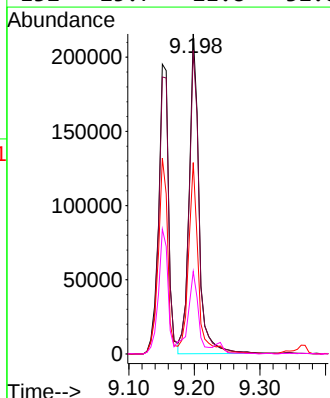
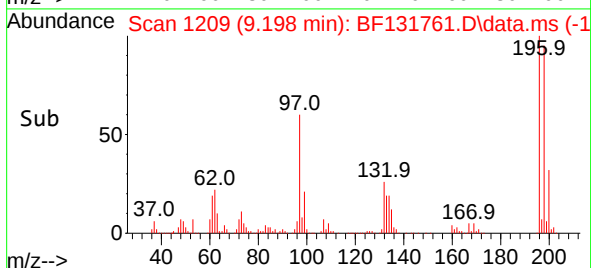
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

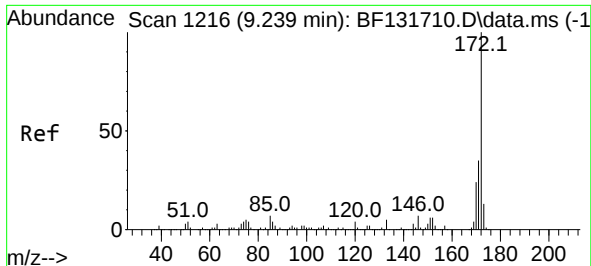


#44
2,4,5-Trichlorophenol
Concen: 51.098 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:196 Resp: 226683
Ion Ratio Lower Upper
196 100
198 94.8 76.6 114.8
97 59.8 47.7 71.5
132 25.7 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 97.154 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

Tgt Ion:172 Resp: 1271659

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

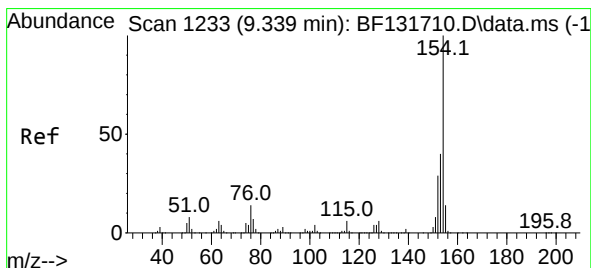
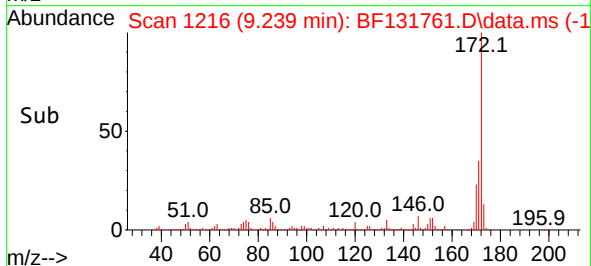
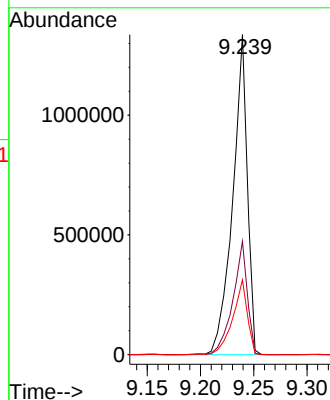
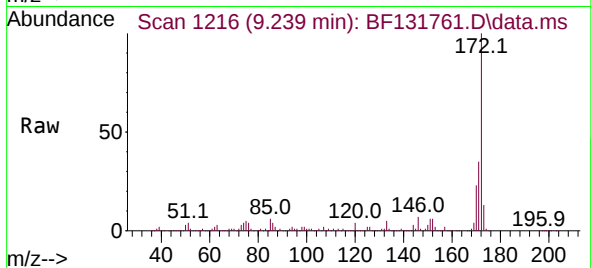
170 23.4 19.0 28.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#46

1,1'-Biphenyl

Concen: 52.443 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

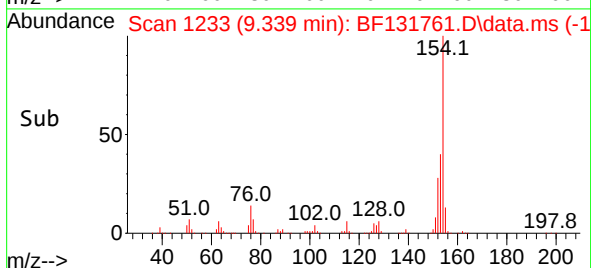
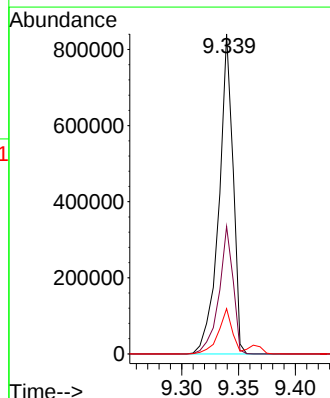
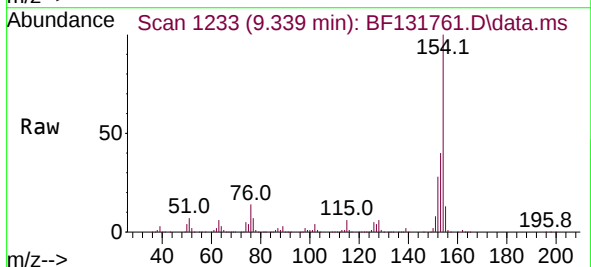
Tgt Ion:154 Resp: 723295

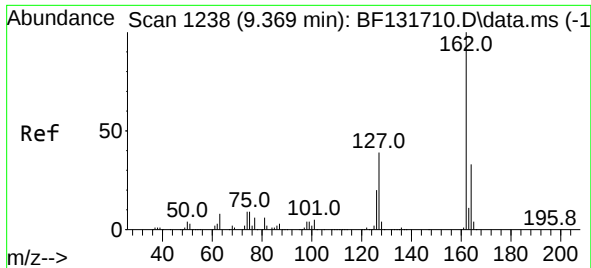
Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

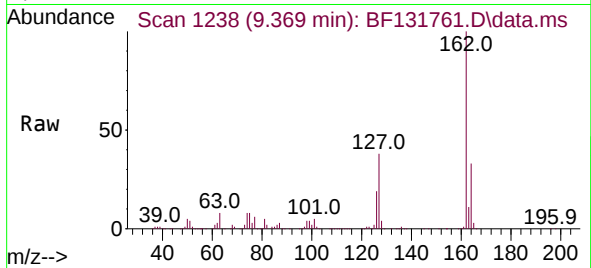
76 14.1 0.0 33.6





#47
2-Chloronaphthalene
Concen: 50.796 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

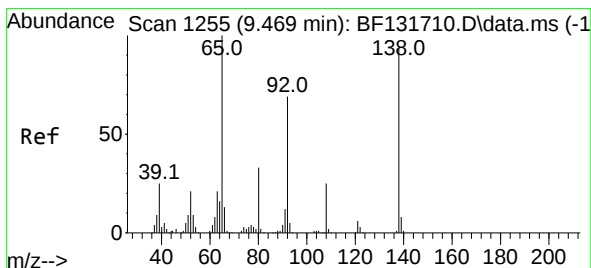
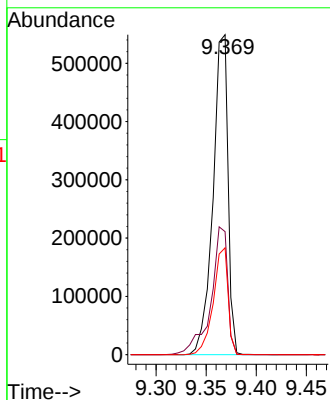
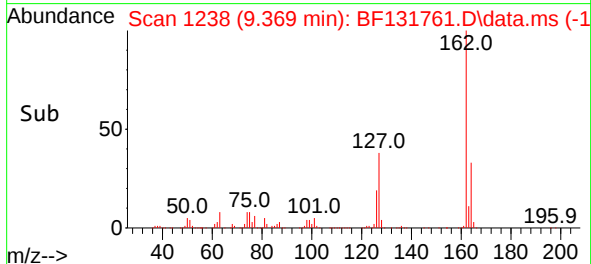
Instrument :
BNA_F
ClientSampleId :
C3MSD



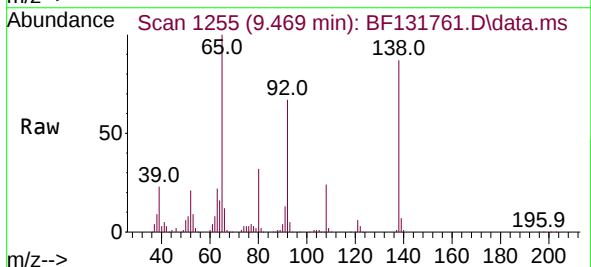
Tgt Ion:162 Resp: 573659
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 33.4 26.6 39.8

Manual Integrations
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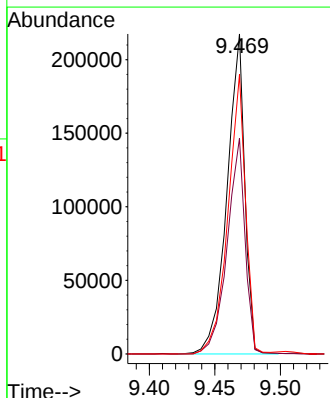
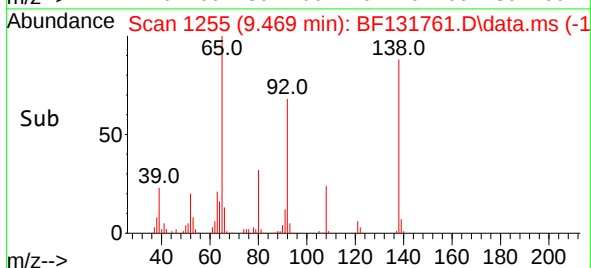
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

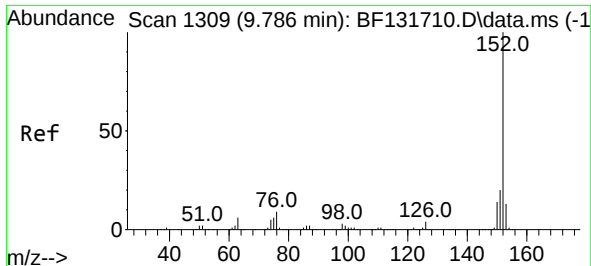


#48
2-Nitroaniline
Concen: 50.350 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion: 65 Resp: 204951
Ion Ratio Lower Upper
65 100
92 67.4 55.5 83.3
138 87.3 74.8 112.2





#49

Acenaphthylene

Concen: 50.996 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

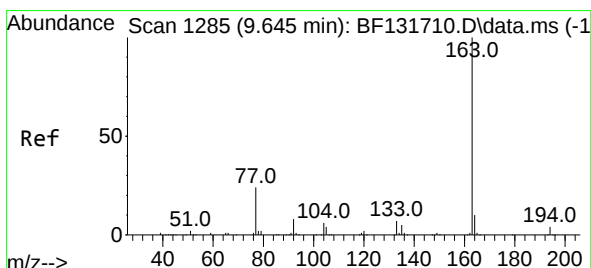
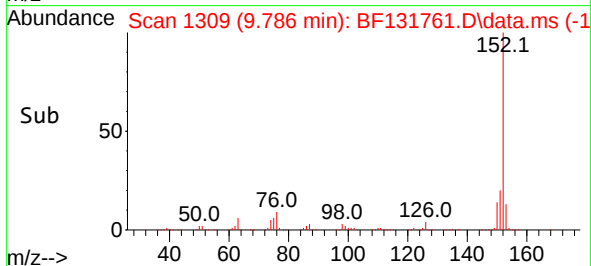
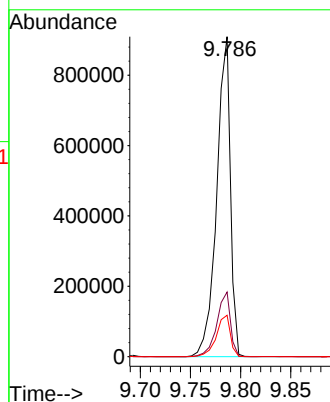
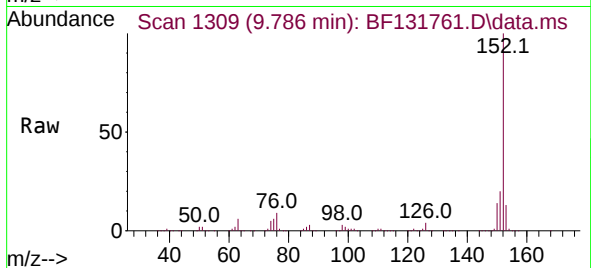
C3MSD

Tgt Ion:152 Resp: 863820
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.8 23.8
 153 12.9 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#50

Dimethylphthalate

Concen: 50.934 ng

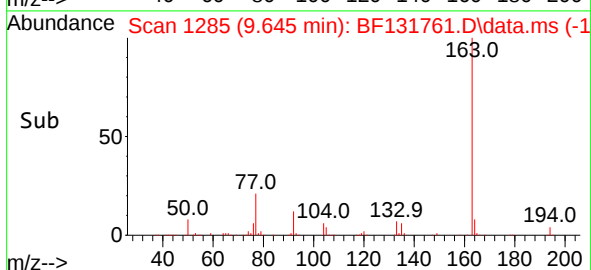
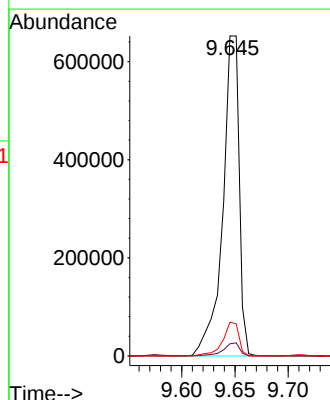
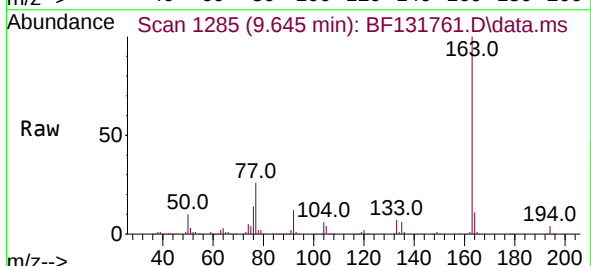
RT: 9.645 min Scan# 1285

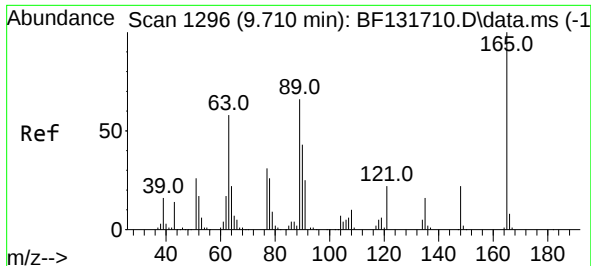
Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

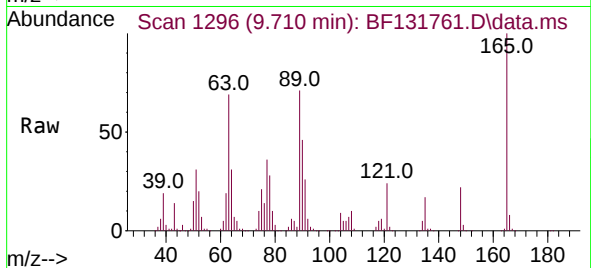
Tgt Ion:163 Resp: 702715
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 10.5 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 51.532 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

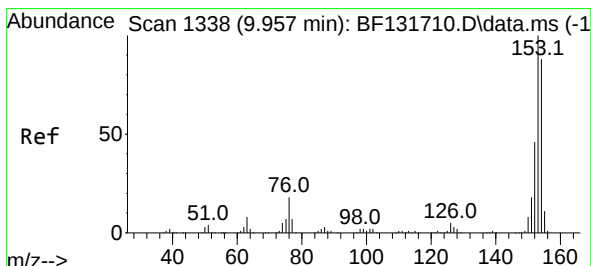
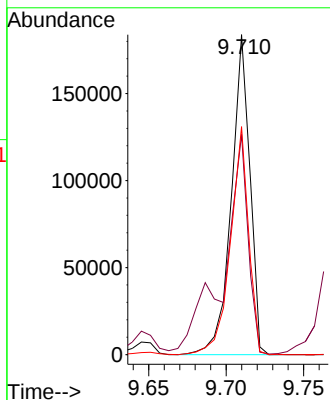
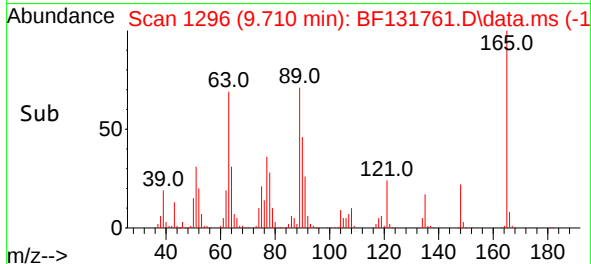
Instrument :
BNA_F
ClientSampleId :
C3MSD



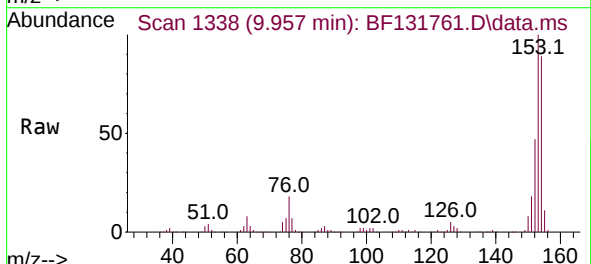
Tgt Ion:165 Resp: 152872
Ion Ratio Lower Upper
165 100
63 68.8 51.8 77.8
89 71.2 53.2 79.8

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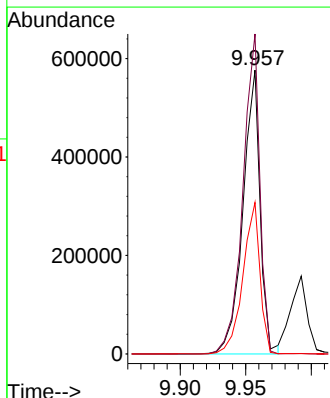
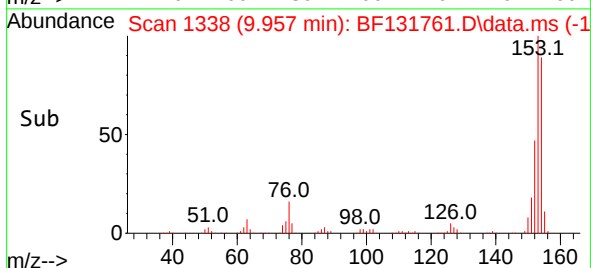
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

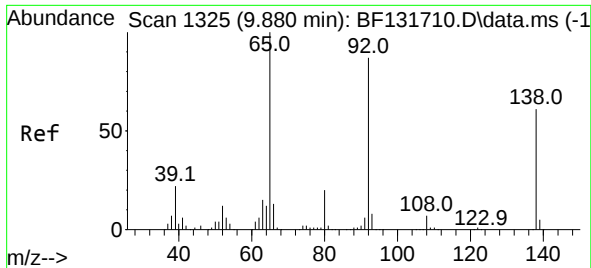


#52
Acenaphthene
Concen: 50.423 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:154 Resp: 523222
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 53.4 42.0 63.0





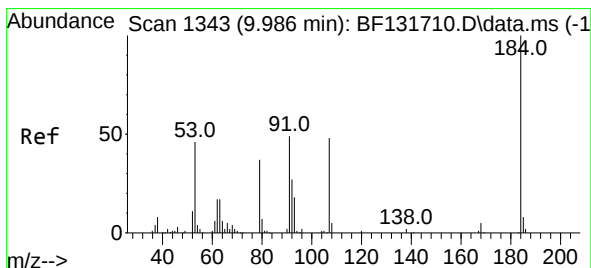
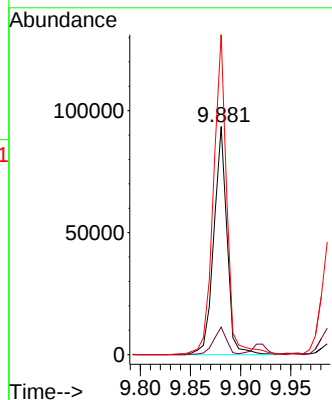
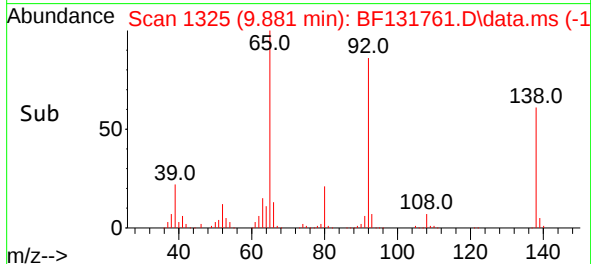
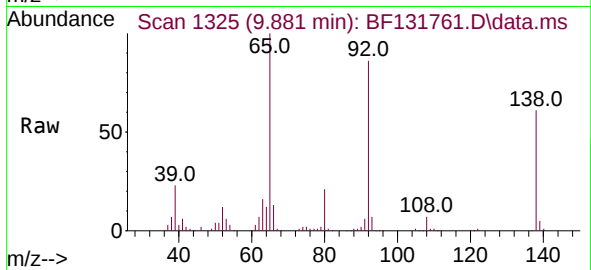
#53
3-Nitroaniline
Concen: 28.167 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Instrument :
BNA_F
ClientSampleId :
C3MSD

Tgt Ion:138 Resp: 85500
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 140.3 114.6 171.8

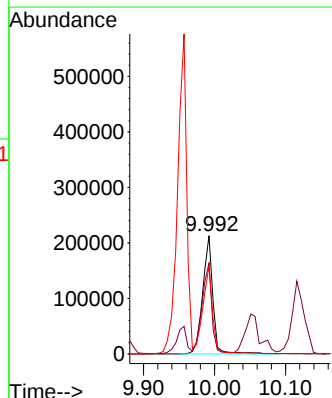
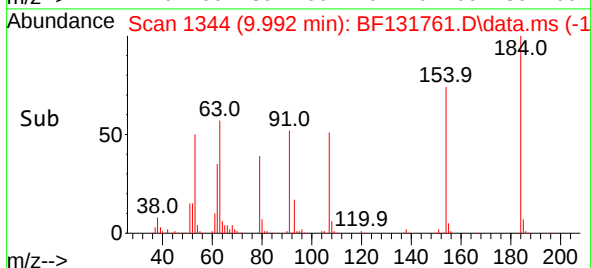
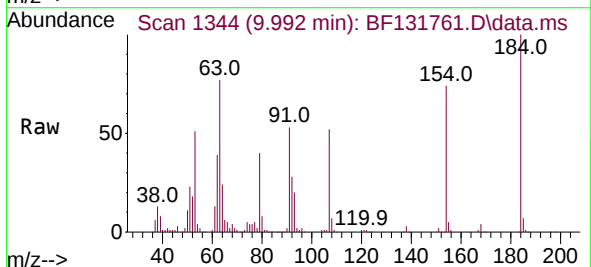
Manual Integrations
APPROVED

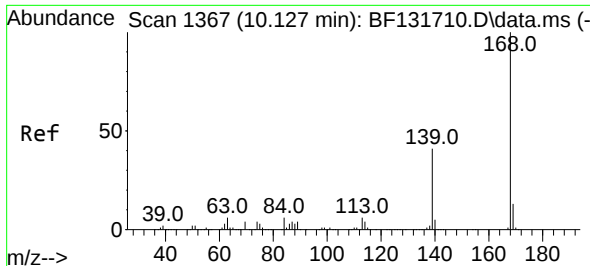
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#54
2,4-Dinitrophenol
Concen: 118.141 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

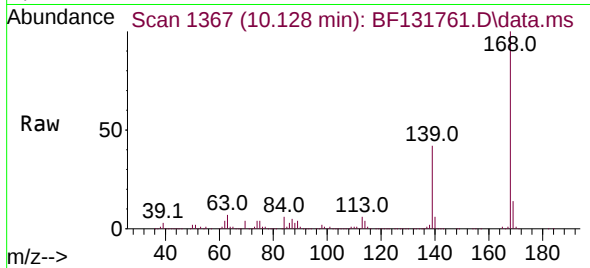
Tgt Ion:184 Resp: 210002
Ion Ratio Lower Upper
184 100
63 76.6 55.8 83.8
154 74.3 57.1 85.7





#55
Dibenzofuran
Concen: 50.517 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

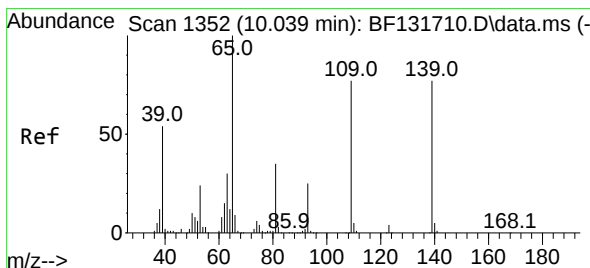
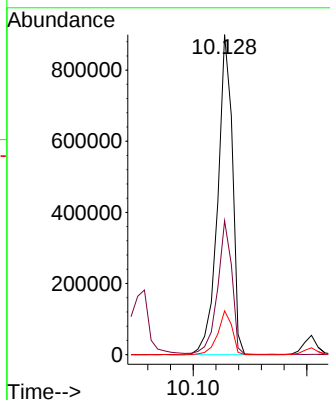
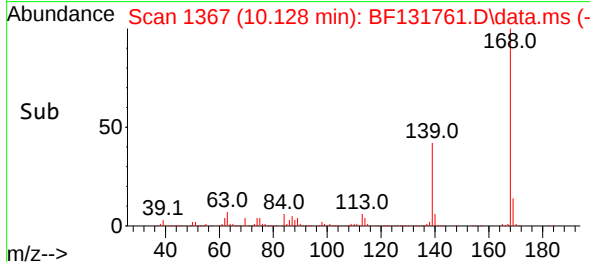
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:168 Resp: 803814
Ion Ratio Lower Upper
168 100
139 41.8 32.7 49.1
169 13.7 10.6 16.0

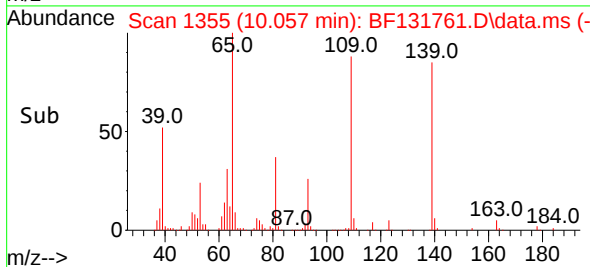
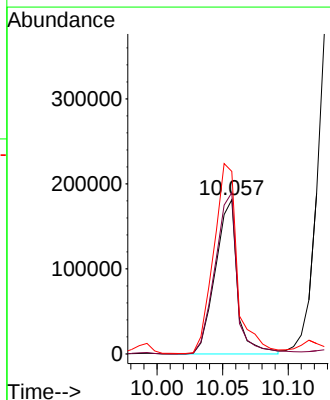
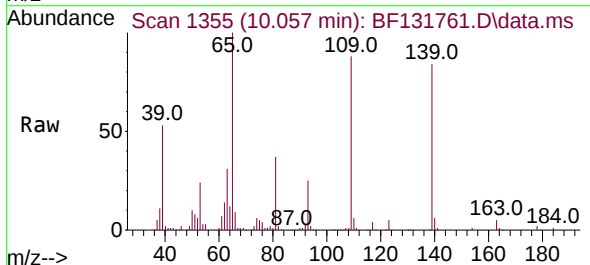
Manual Integrations
APPROVED

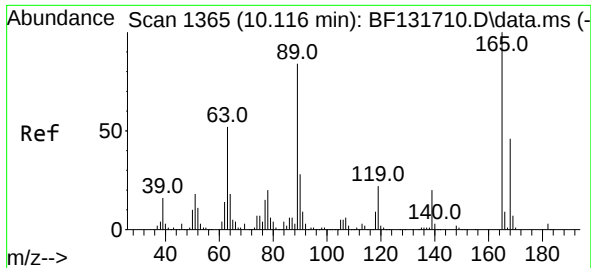
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#56
4-Nitrophenol
Concen: 97.288 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.018 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

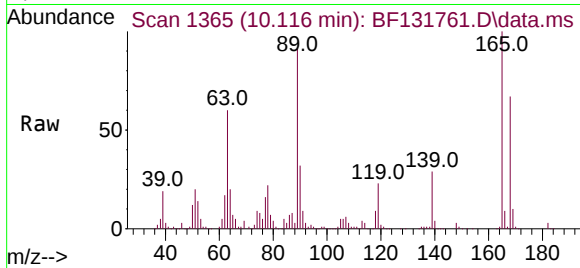
Tgt Ion:139 Resp: 211364
Ion Ratio Lower Upper
139 100
109 104.6 79.9 119.9
65 118.3 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 52.755 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

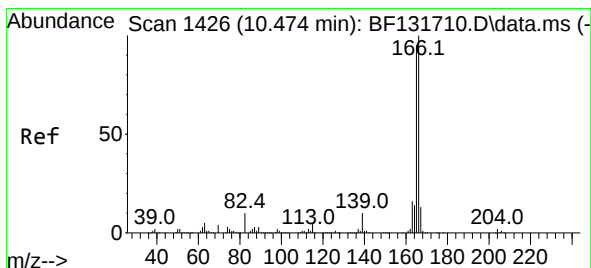
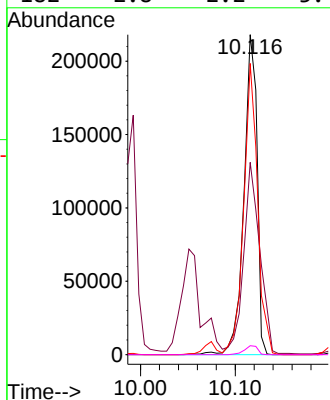
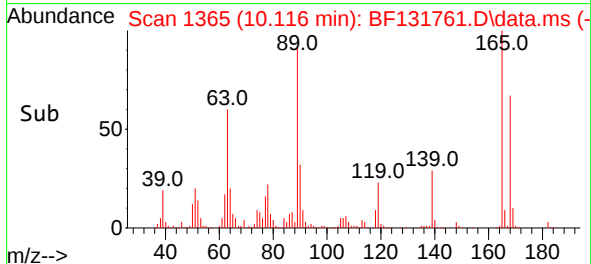
Instrument :
BNA_F
ClientSampleId :
C3MSD



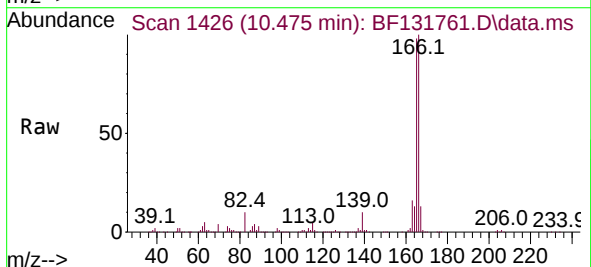
Tgt Ion:165 Resp: 210301
Ion Ratio Lower Upper
165 100
63 60.1 41.5 62.3
89 91.0 67.0 100.4
182 2.8 2.2 3.4

Manual Integrations
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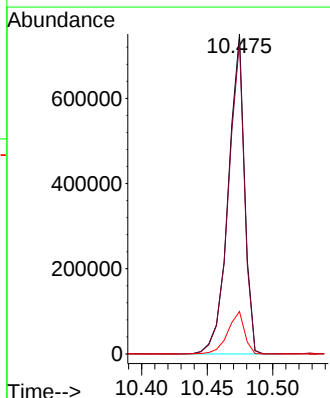
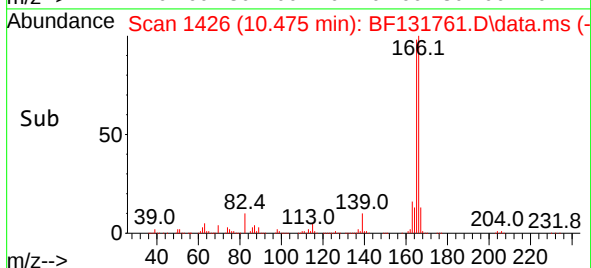
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

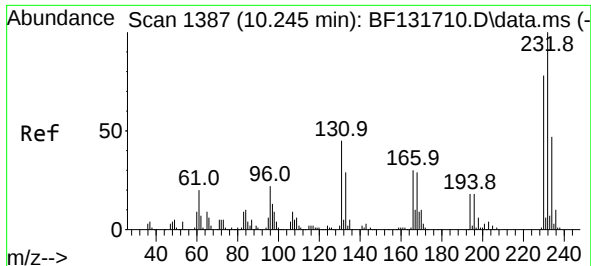


#58
Fluorene
Concen: 50.265 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



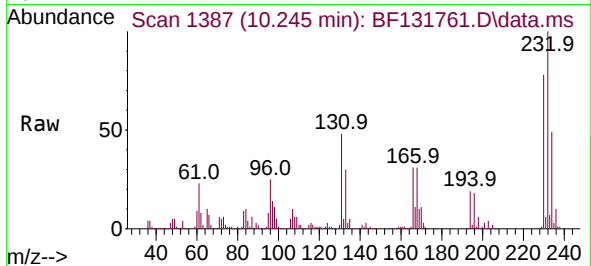
Tgt Ion:166 Resp: 646646
Ion Ratio Lower Upper
166 100
165 97.5 75.8 113.8
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.802 ng m
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

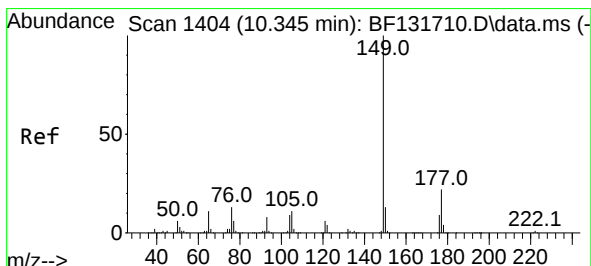
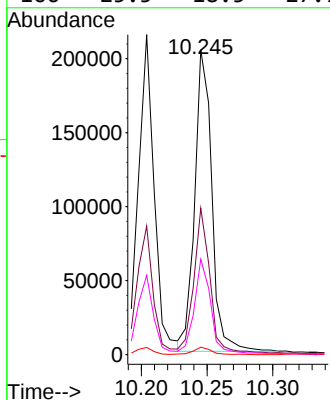
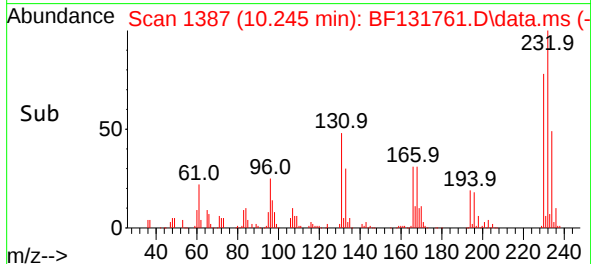
Instrument :
BNA_F
ClientSampleId :
C3MSD



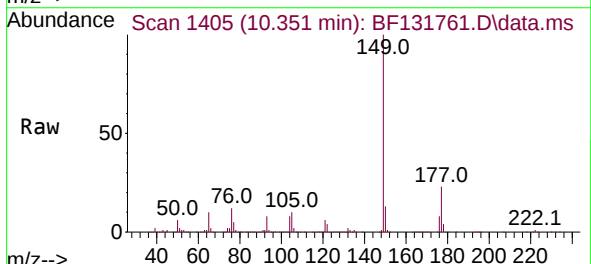
Tgt Ion:232 Resp: 184445
Ion Ratio Lower Upper
232 100
131 41.3 29.9 44.9
130 2.4 1.7 2.5
166 25.5 18.5 27.7

Manual Integrations
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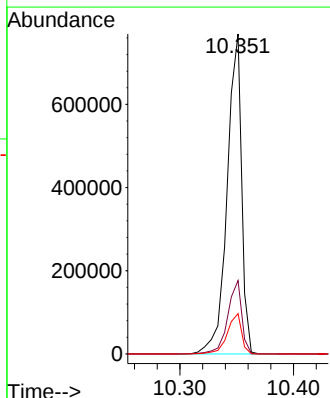
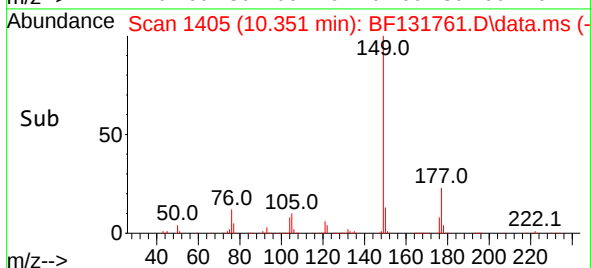
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

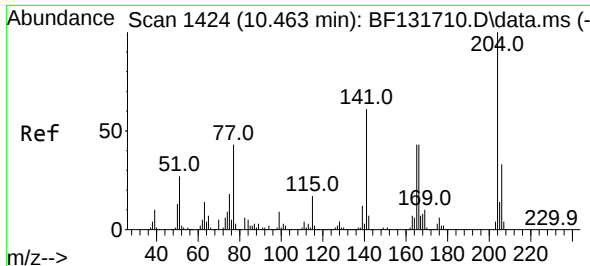


#60
Diethylphthalate
Concen: 51.225 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



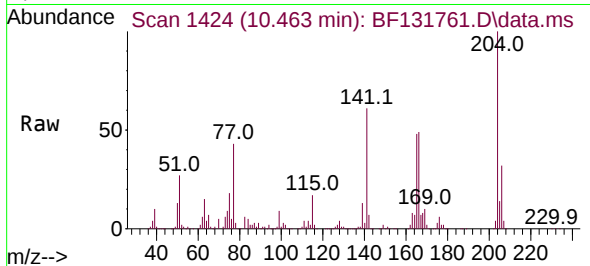
Tgt Ion:149 Resp: 680977
Ion Ratio Lower Upper
149 100
177 22.9 17.4 26.0
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.484 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

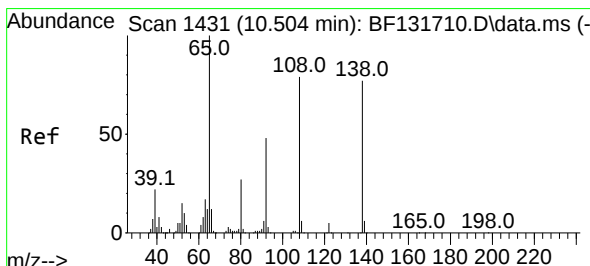
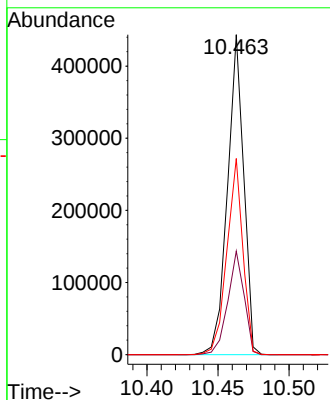
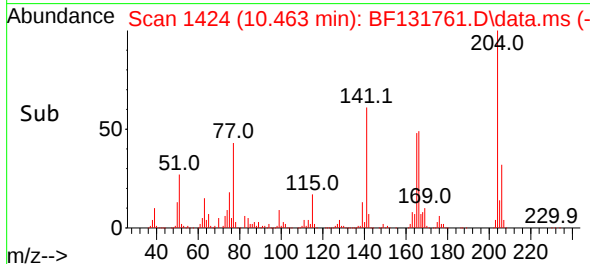
Instrument :
BNA_F
ClientSampleId :
C3MSD



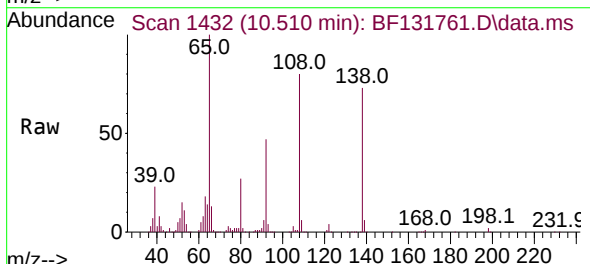
Tgt Ion:204 Resp: 352021
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 61.3 48.6 72.8

Manual Integrations
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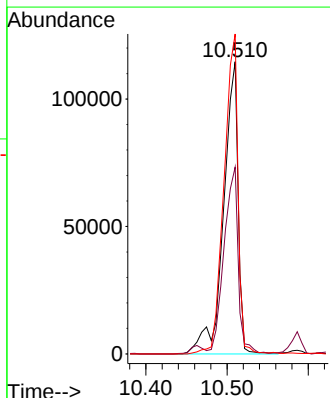
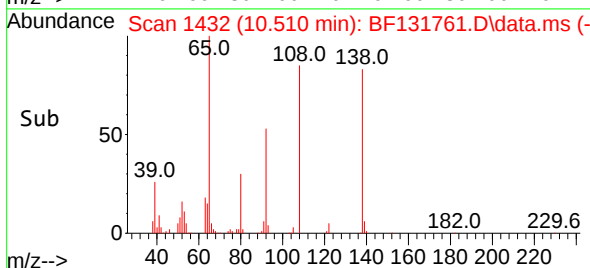
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

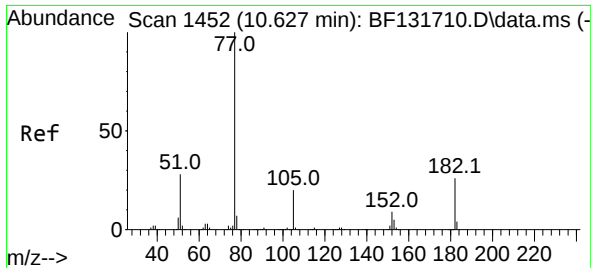


#62
4-Nitroaniline
Concen: 46.737 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



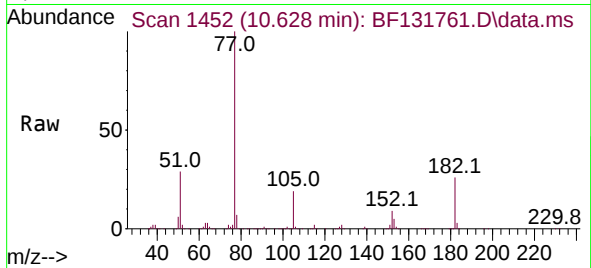
Tgt Ion:138 Resp: 142782
Ion Ratio Lower Upper
138 100
92 63.9 42.1 82.1
108 109.5 83.1 123.1





#63
Azobenzene
Concen: 50.801 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

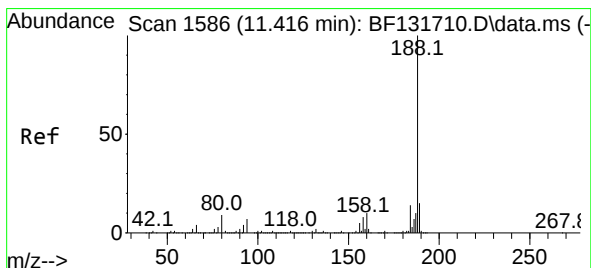
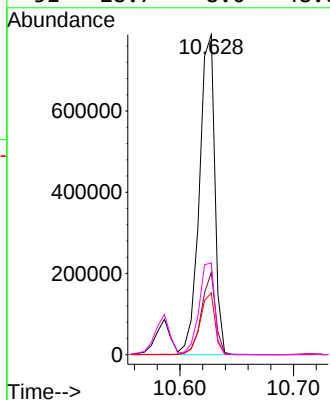
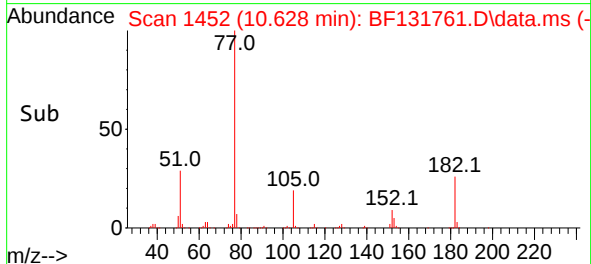
Instrument :
BNA_F
ClientSampleId :
C3MSD



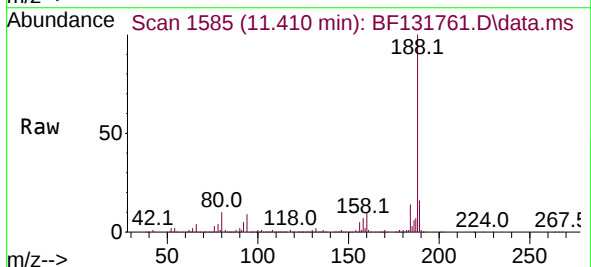
Tgt Ion: 77 Resp: 741629
Ion Ratio Lower Upper
77 100
182 25.7 5.8 45.8
105 19.3 0.0 39.7
51 28.7 8.0 48.0

Manual Integrations
APPROVED

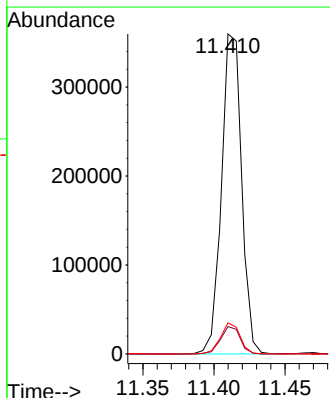
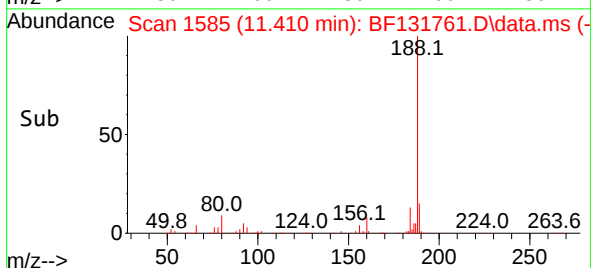
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

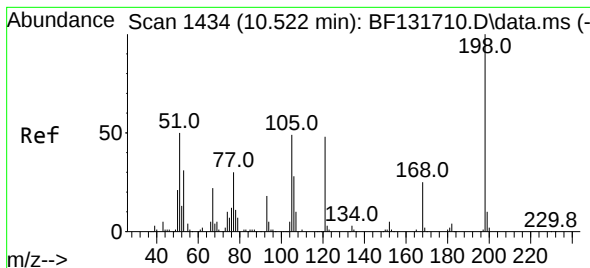


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:188 Resp: 354550
Ion Ratio Lower Upper
188 100
94 8.5 5.9 8.9
80 9.7 7.0 10.6





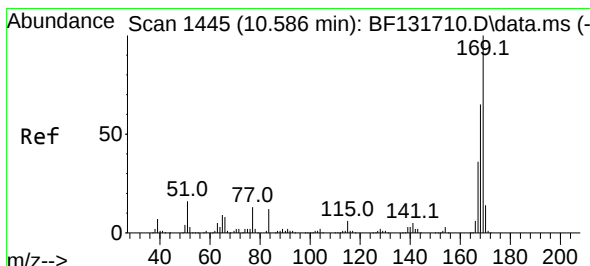
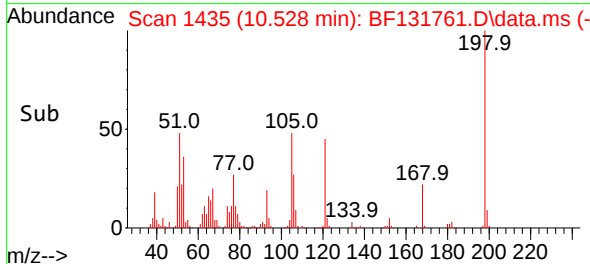
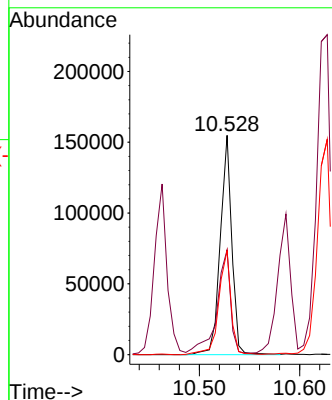
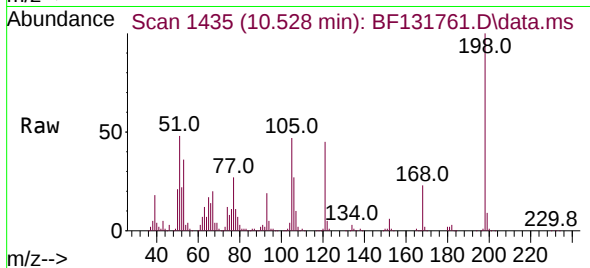
#65
4,6-Dinitro-2-methylphenol
Concen: 51.115 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Instrument :
BNA_F
ClientSampleId :
C3MSD

Tgt Ion:198 Resp: 124423
Ion Ratio Lower Upper
198 100
51 47.7 34.1 74.1
105 47.4 29.7 69.7

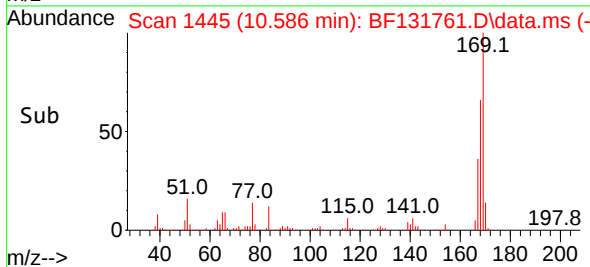
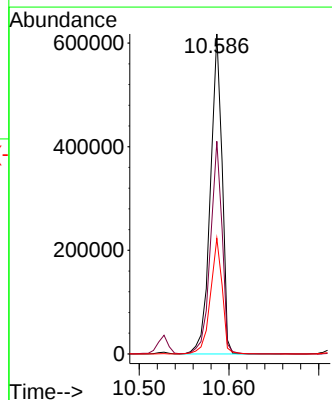
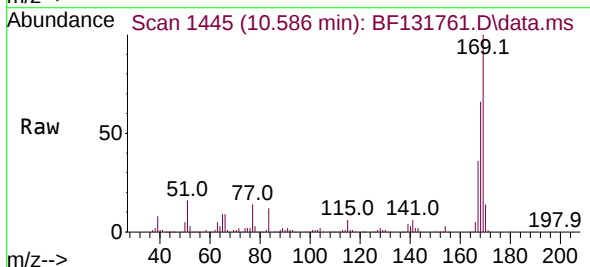
Manual Integrations
APPROVED

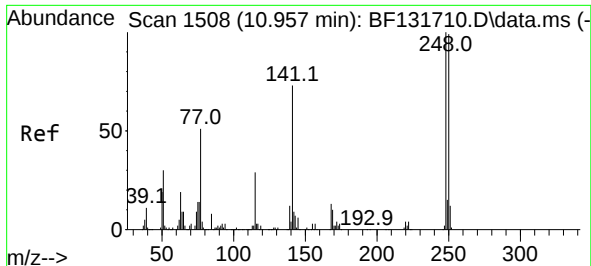
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#66
n-Nitrosodiphenylamine
Concen: 50.617 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

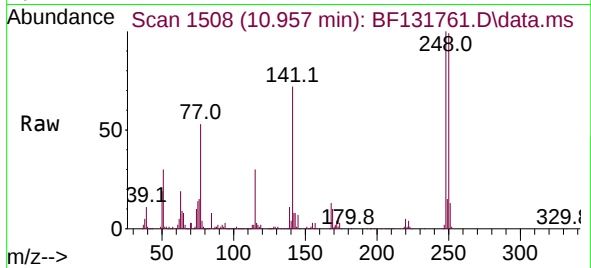
Tgt Ion:169 Resp: 556533
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 36.1 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 50.817 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

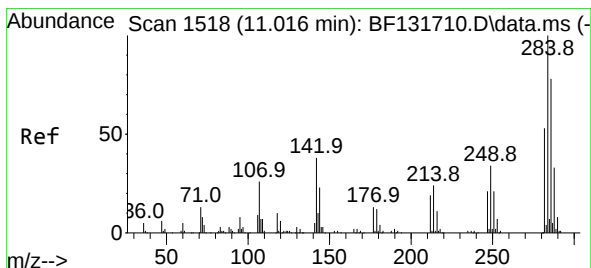
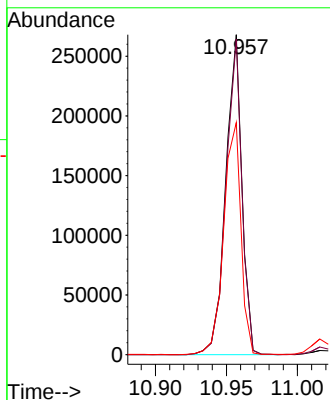
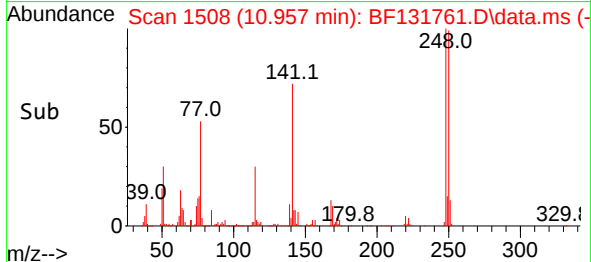
Instrument :
BNA_F
ClientSampleId :
C3MSD



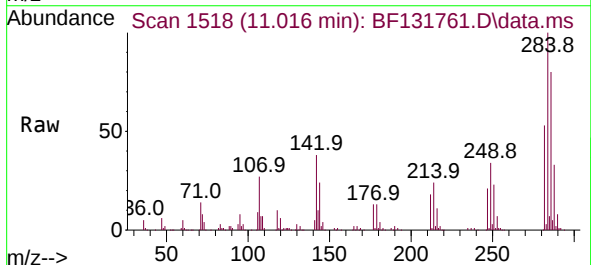
Tgt Ion:248 Resp: 212797
Ion Ratio Lower Upper
248 100
250 98.6 79.4 119.0
141 72.5 58.1 87.1

Manual Integrations
APPROVED

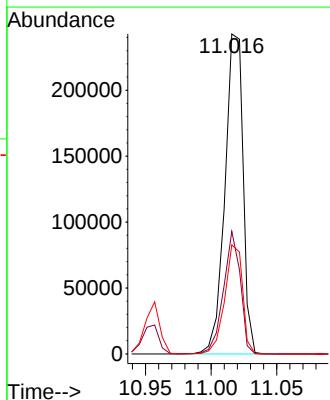
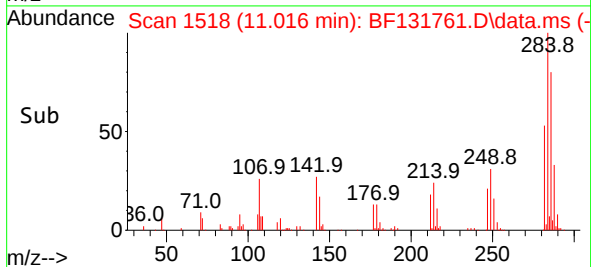
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

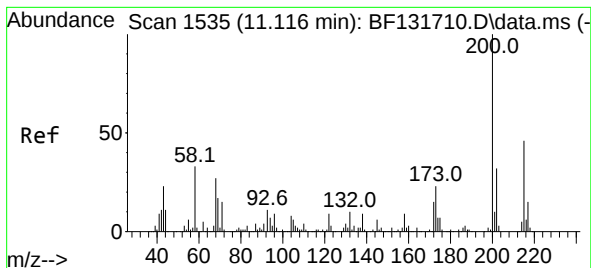


#68
Hexachlorobenzene
Concen: 50.980 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:284 Resp: 234786
Ion Ratio Lower Upper
284 100
142 38.3 30.2 45.4
249 34.1 27.2 40.8





#69

Atrazine

Concen: 56.758 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

Tgt Ion:200 Resp: 208022

Ion Ratio Lower Upper

200 100

173 24.5 2.7 42.7

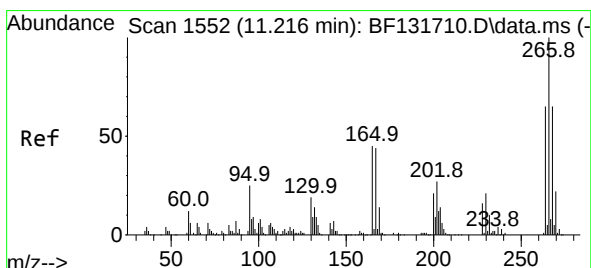
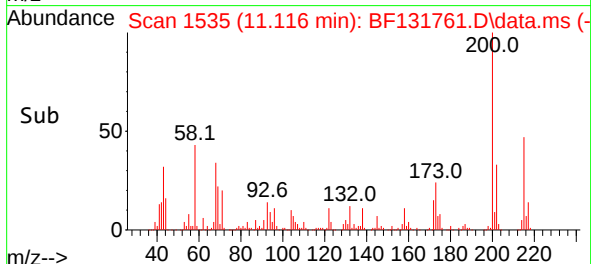
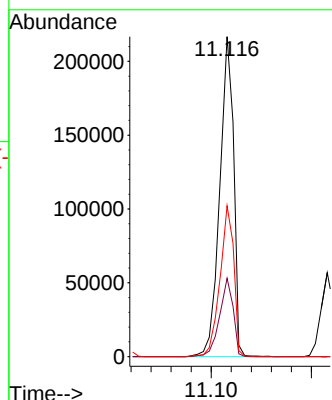
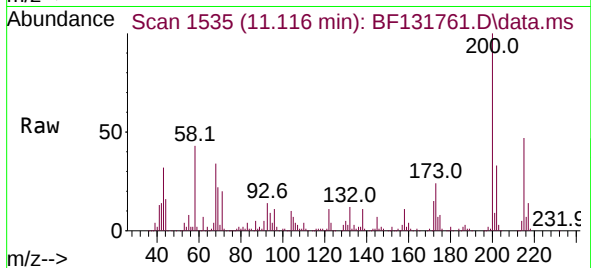
215 47.1 26.4 66.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#70

Pentachlorophenol

Concen: 114.395 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

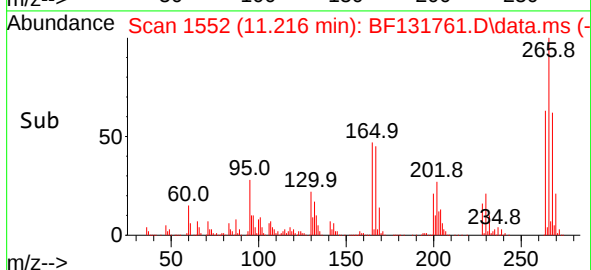
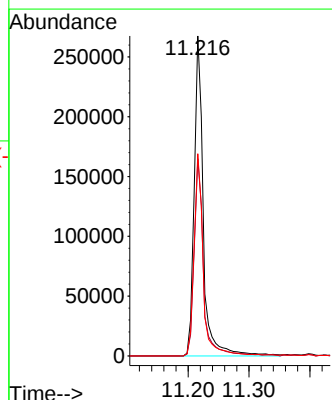
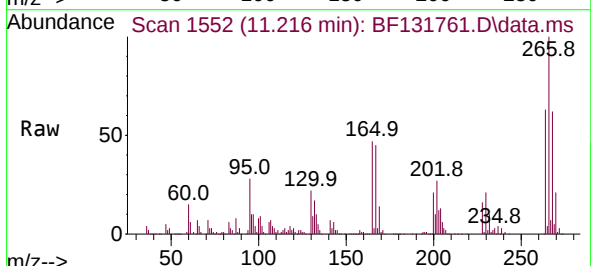
Tgt Ion:266 Resp: 279622

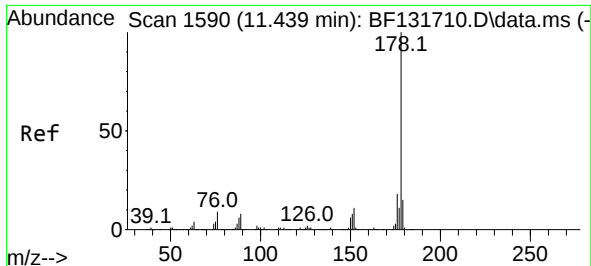
Ion Ratio Lower Upper

266 100

268 61.6 52.2 78.4

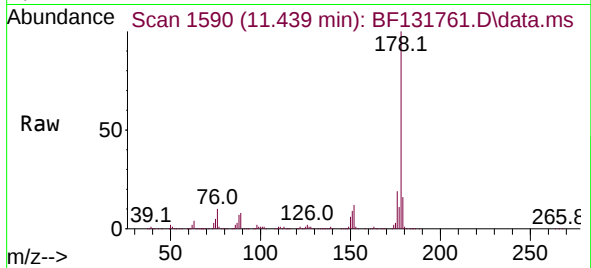
264 63.2 52.0 78.0





#71
Phenanthrene
Concen: 48.888 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

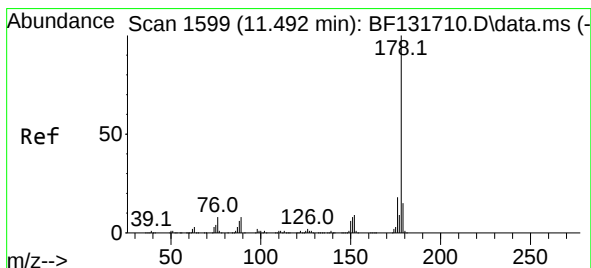
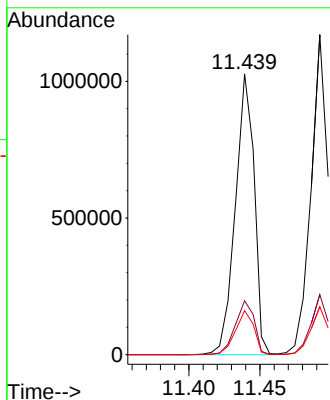
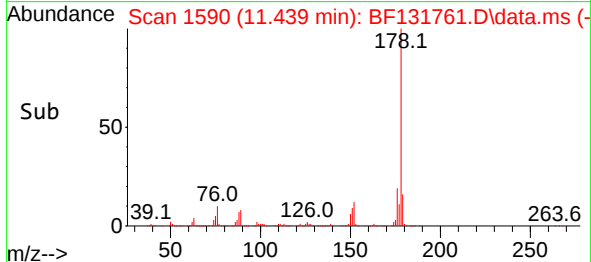
Instrument :
BNA_F
ClientSampleId :
C3MSD



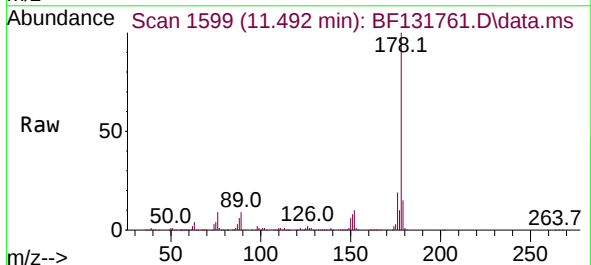
Tgt Ion:178 Resp: 945148
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 15.7 12.2 18.4

Manual Integrations
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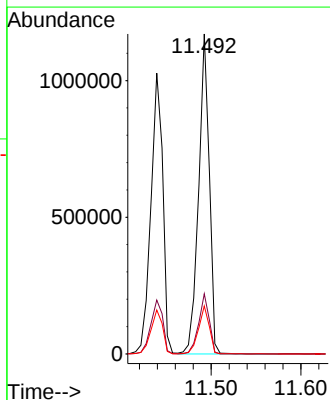
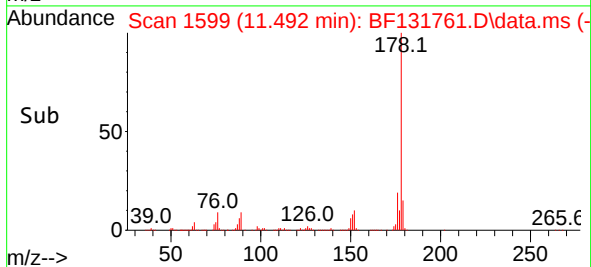
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

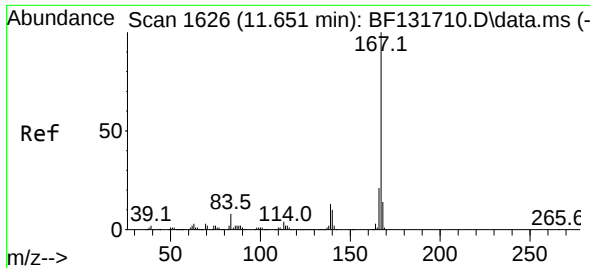


#72
Anthracene
Concen: 50.962 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



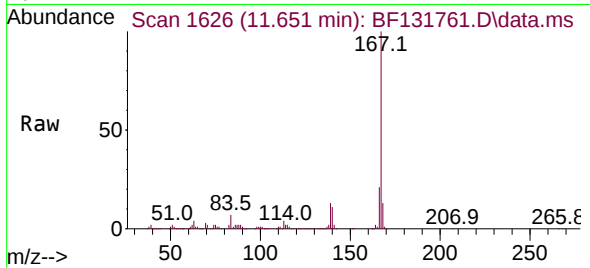
Tgt Ion:178 Resp: 964693
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.0 12.2 18.4





#73
 Carbazole
 Concen: 51.034 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131761.D
 Acq: 21 Dec 2022 23:35

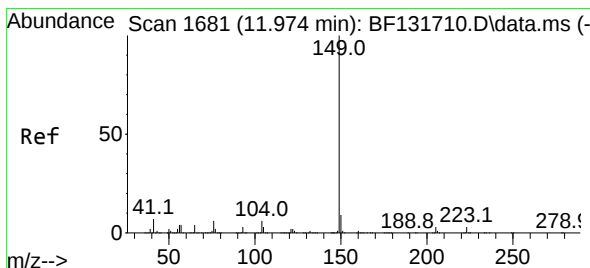
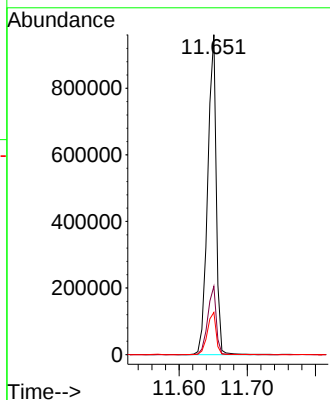
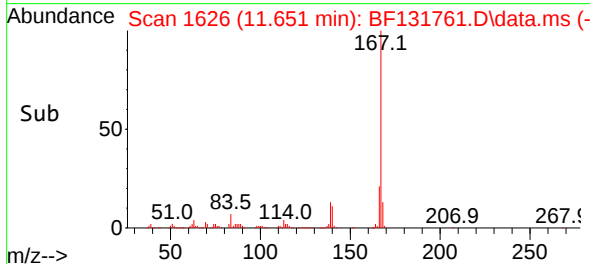
Instrument :
 BNA_F
 ClientSampleId :
 C3MSD



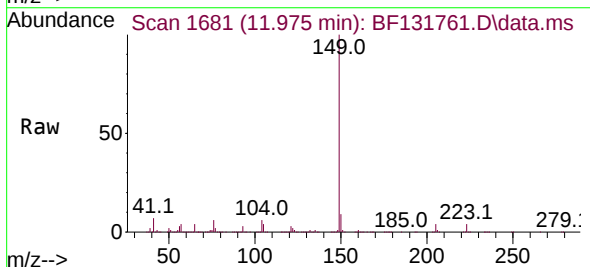
Tgt Ion:167 Resp: 835799
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.2 10.5 15.7

Manual Integrations
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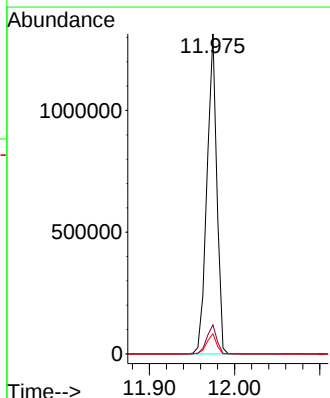
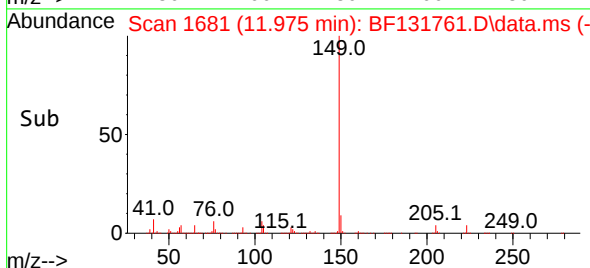
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

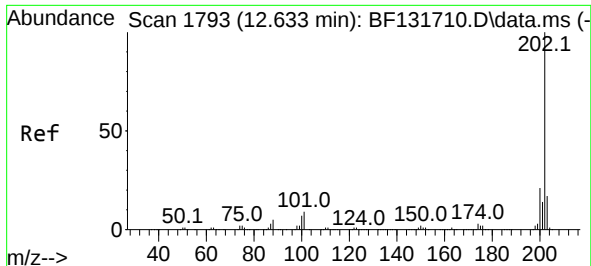


#74
 Di-n-butylphthalate
 Concen: 51.716 ng
 RT: 11.975 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131761.D
 Acq: 21 Dec 2022 23:35



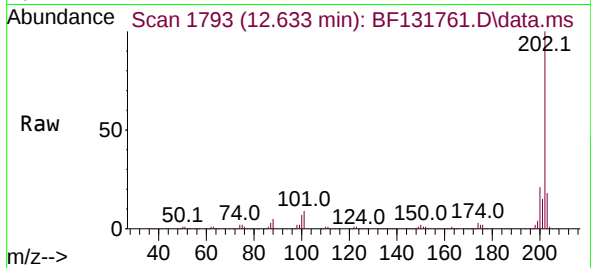
Tgt Ion:149 Resp: 1054634
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 6.3 5.0 7.4





#75
Fluoranthene
Concen: 49.227 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

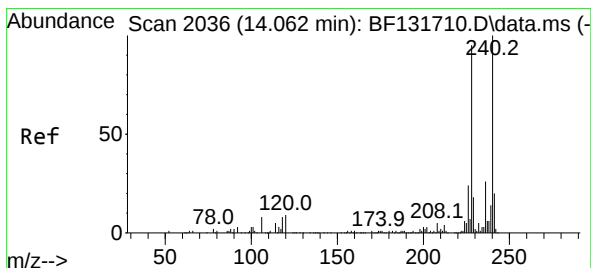
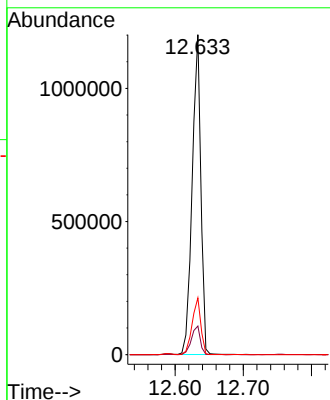
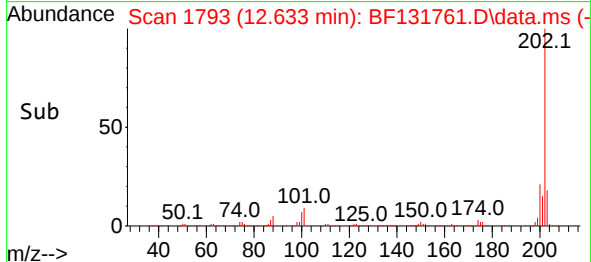
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:202 Resp: 105992
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 17.7 0.0 37.1

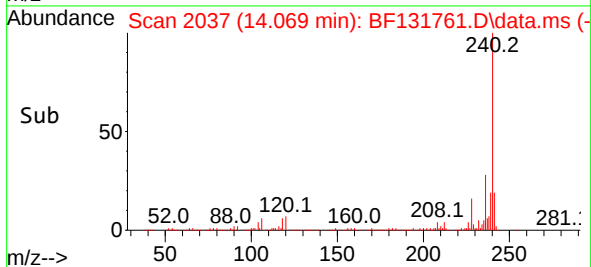
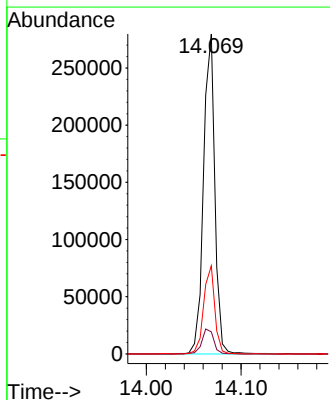
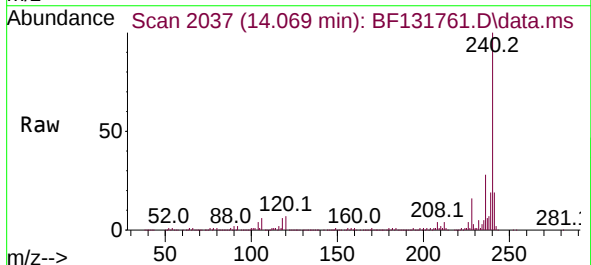
Manual Integrations
APPROVED

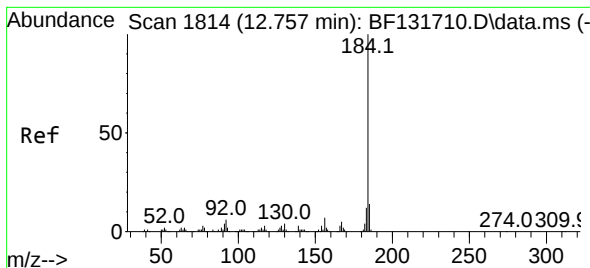
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

Tgt Ion:240 Resp: 232609
Ion Ratio Lower Upper
240 100
120 6.9 7.6 11.4#
236 27.5 21.2 31.8





#77

Benzidine

Concen: 35.372 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD

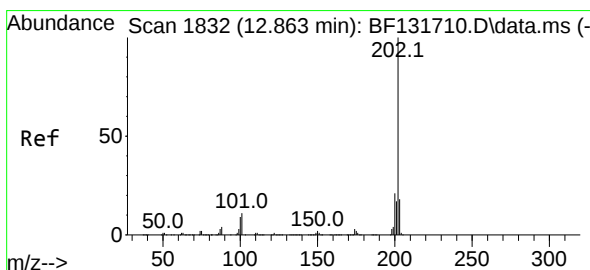
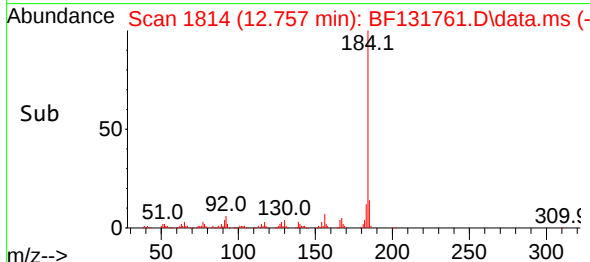
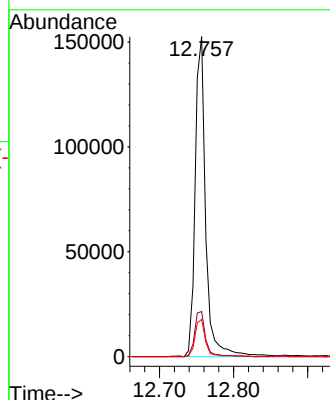
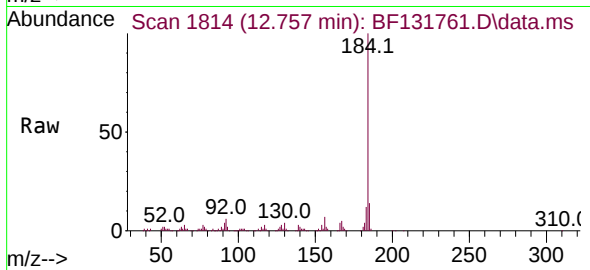
Tgt Ion:184	Resp: 150872
Ion Ratio	Lower Upper
184 100	
185 14.1	11.3 16.9
183 11.6	9.3 13.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#78

Pyrene

Concen: 50.942 ng

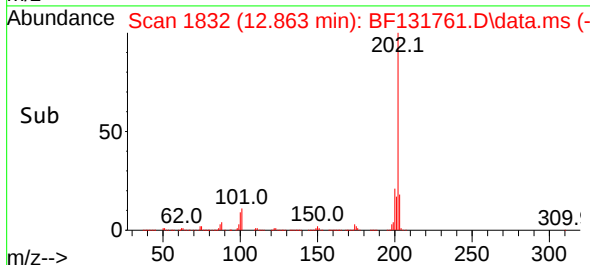
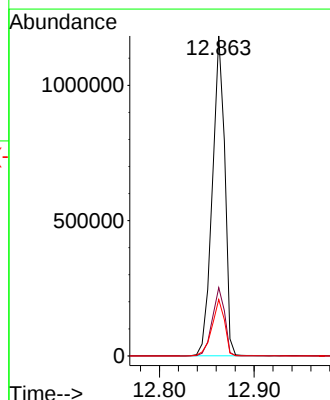
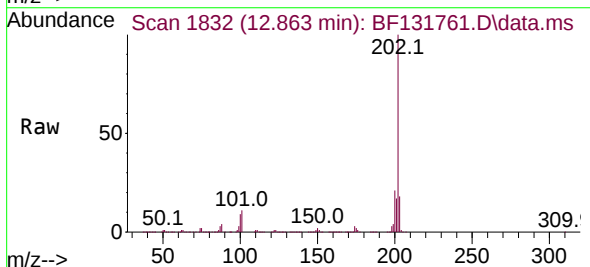
RT: 12.863 min Scan# 1832

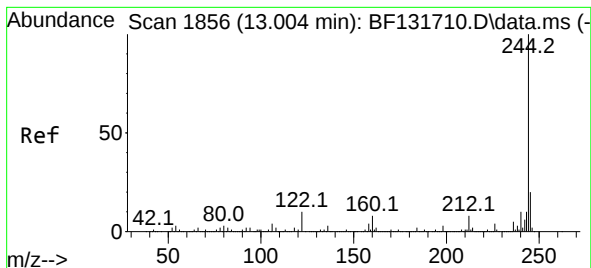
Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

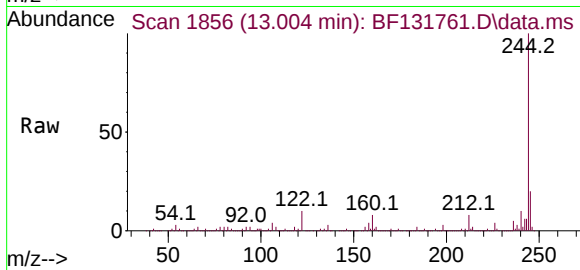
Tgt Ion:202	Resp: 1077344
Ion Ratio	Lower Upper
202 100	
200 21.3	17.1 25.7
203 17.6	14.1 21.1





#79
 Terphenyl-d14
 Concen: 103.955 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131761.D
 Acq: 21 Dec 2022 23:35

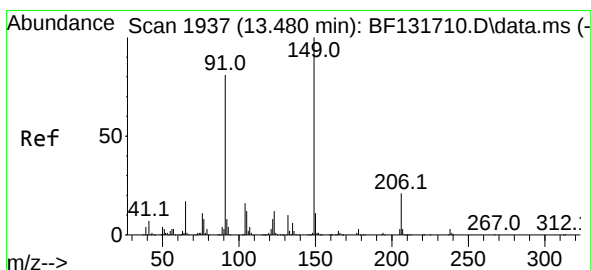
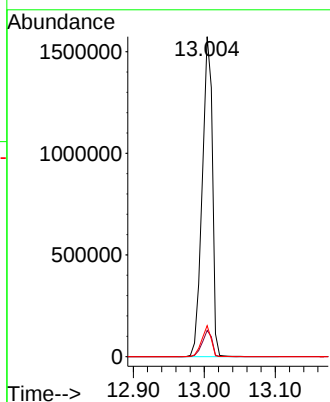
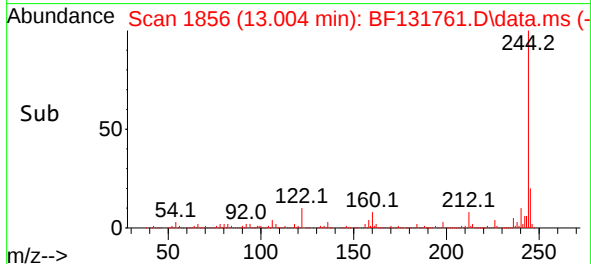
Instrument :
 BNA_F
 ClientSampleId :
 C3MSD



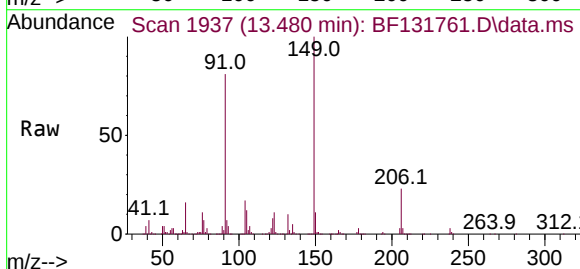
Tgt Ion:244 Resp: 1551518
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.7 7.7 11.5

Manual Integrations
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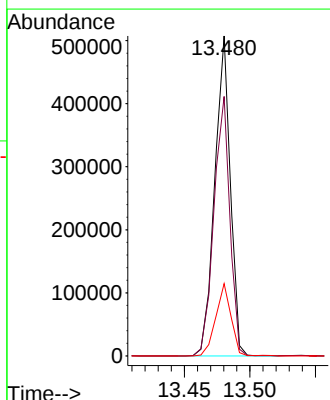
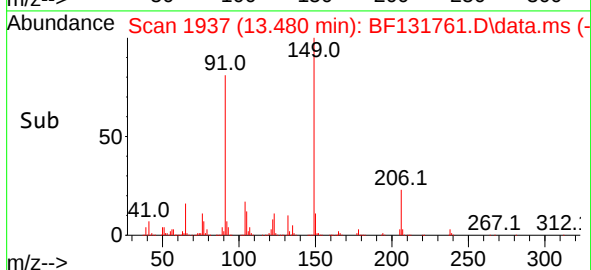
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

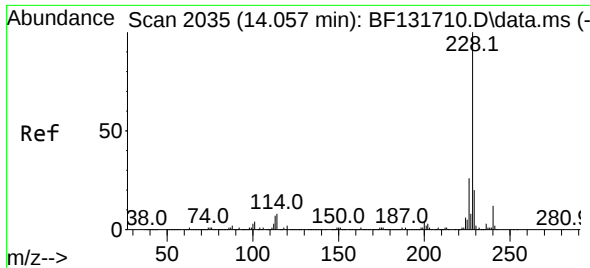


#80
 Butylbenzylphthalate
 Concen: 56.370 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131761.D
 Acq: 21 Dec 2022 23:35



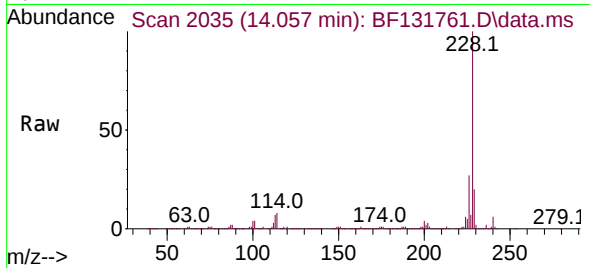
Tgt Ion:149 Resp: 420467
 Ion Ratio Lower Upper
 149 100
 91 81.1 64.9 97.3
 206 22.6 17.0 25.4





#81
Benzo(a)anthracene
Concen: 51.940 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

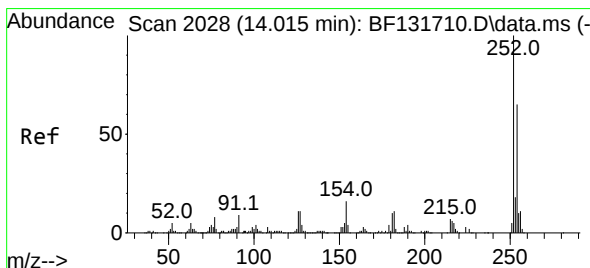
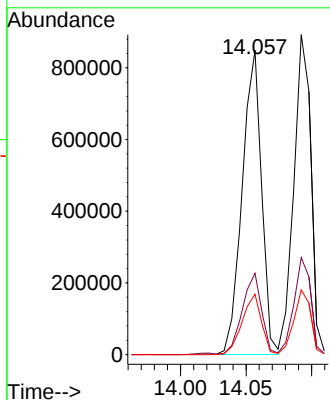
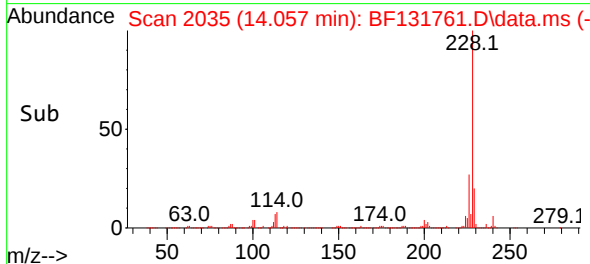
Instrument :
BNA_F
ClientSampleId :
C3MSD



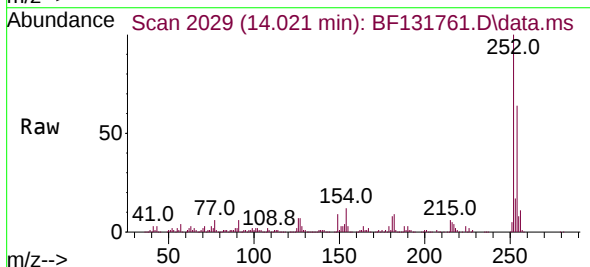
Tgt Ion:228 Resp: 870142
Ion Ratio Lower Upper
228 100
226 26.8 21.0 31.4
229 19.9 15.8 23.8

Manual Integrations
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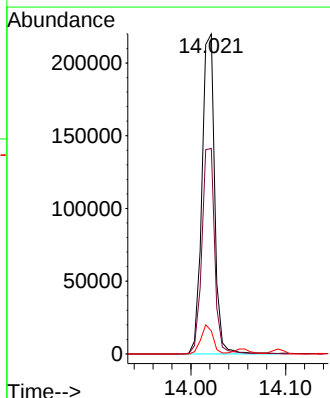
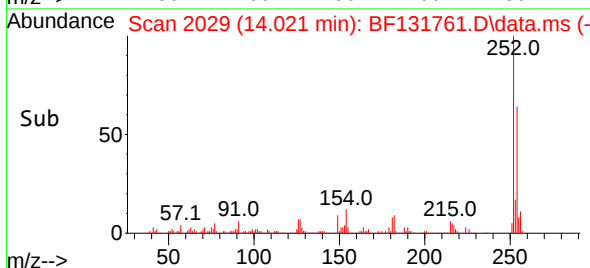
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

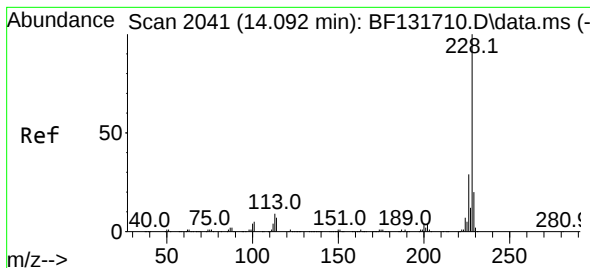


#82
3,3'-Dichlorobenzidine
Concen: 43.764 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:252 Resp: 204692
Ion Ratio Lower Upper
252 100
254 64.2 52.1 78.1
126 7.2 8.4 12.6





#83

Chrysene

Concen: 51.473 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131761.D

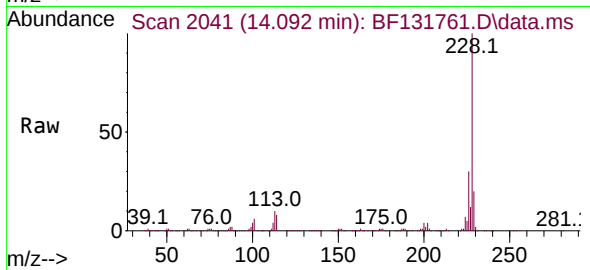
Acq: 21 Dec 2022 23:35

Instrument :

BNA_F

ClientSampleId :

C3MSD



Tgt Ion:228 Resp: 813890

Ion Ratio Lower Upper

228 100

226 30.3 23.5 35.3

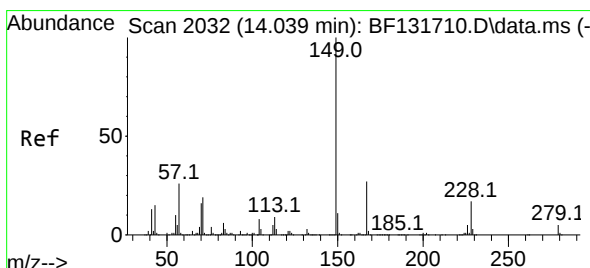
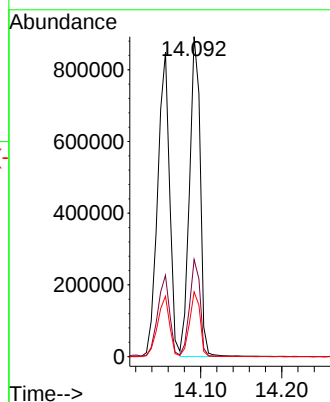
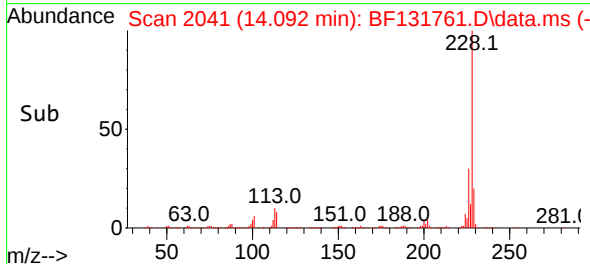
229 20.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.471 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131761.D

Acq: 21 Dec 2022 23:35

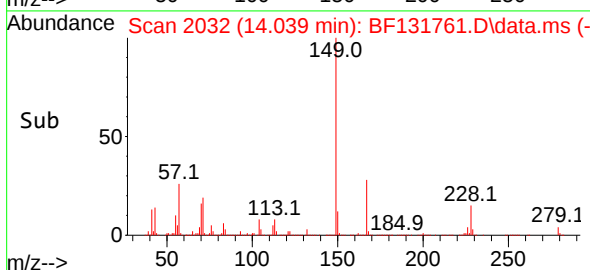
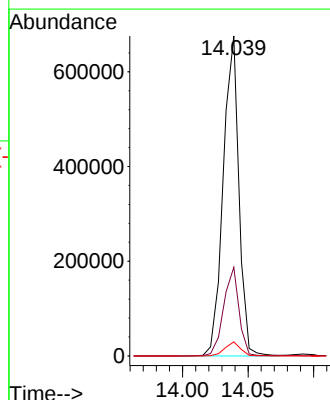
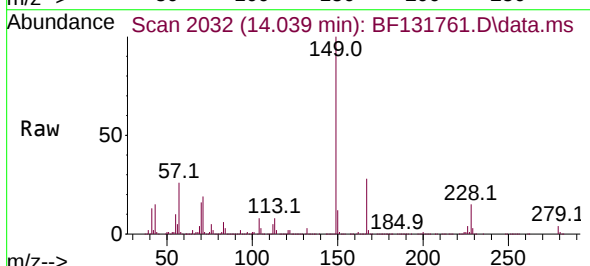
Tgt Ion:149 Resp: 564535

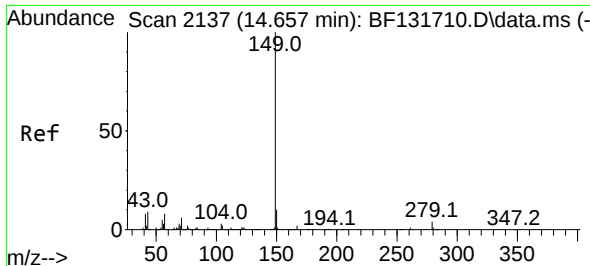
Ion Ratio Lower Upper

149 100

167 27.7 21.7 32.5

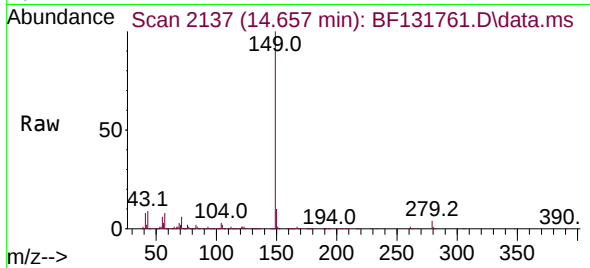
279 4.4 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 68.187 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

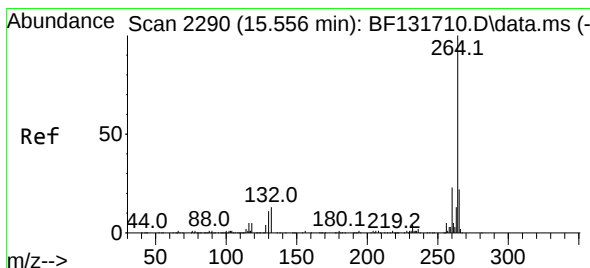
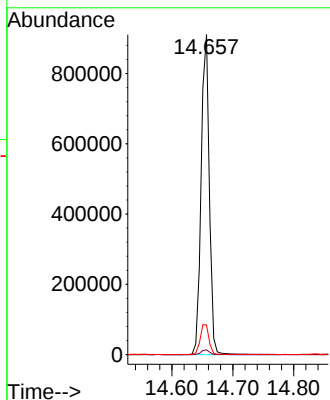
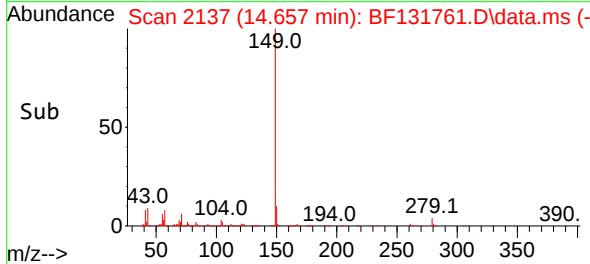
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:149 Resp: 846589
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 10.0 8.3 12.5

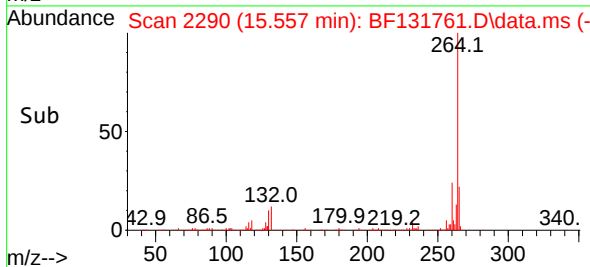
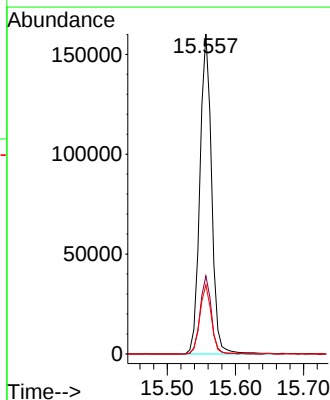
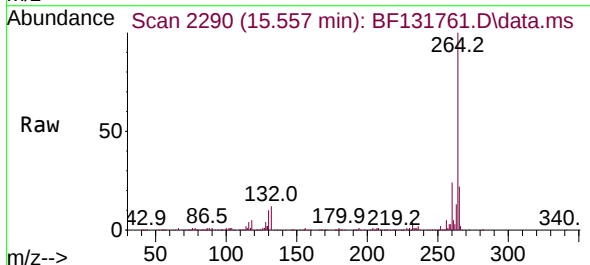
Manual Integrations
APPROVED

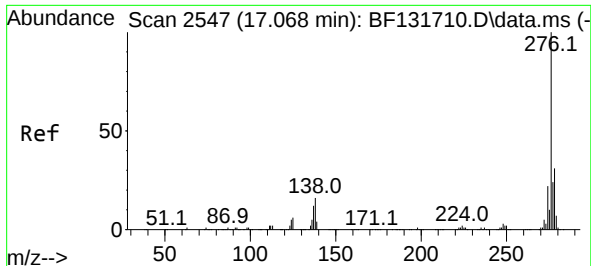
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

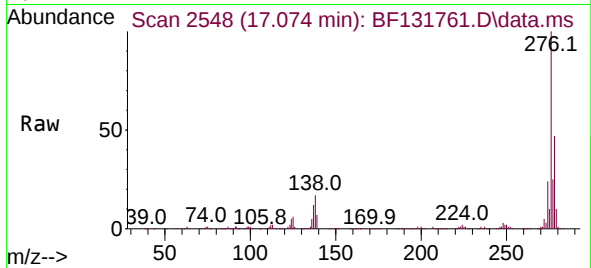
Tgt Ion:264 Resp: 191158
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.001 ng
RT: 17.074 min Scan# 2548
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

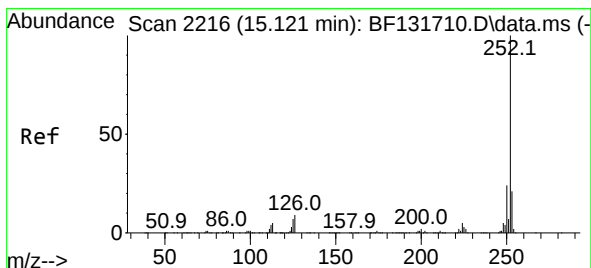
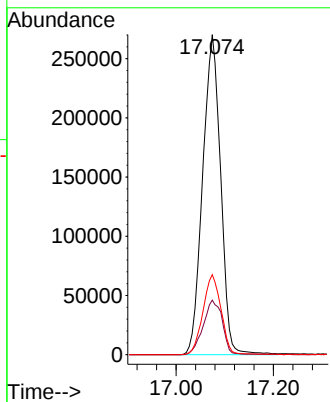
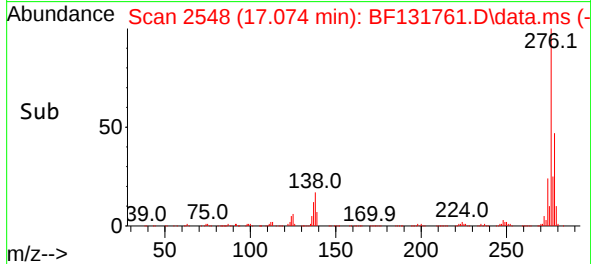
Instrument :
BNA_F
ClientSampleId :
C3MSD



Tgt Ion:276 Resp: 693362
Ion Ratio Lower Upper
276 100
138 18.0 14.4 21.6
277 25.1 19.8 29.8

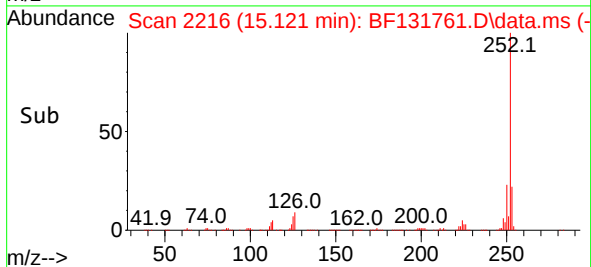
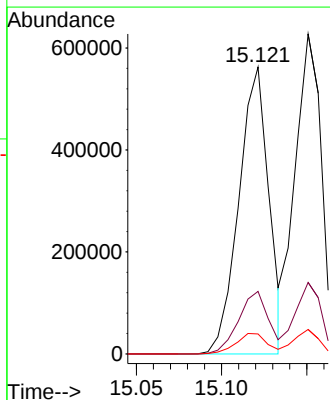
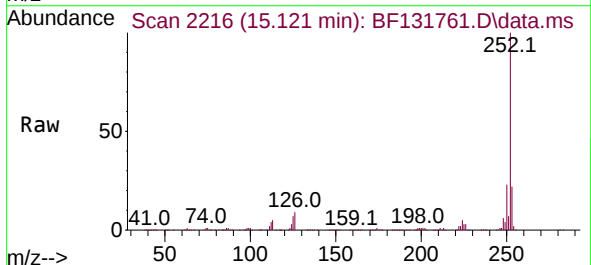
Manual Integrations
APPROVED

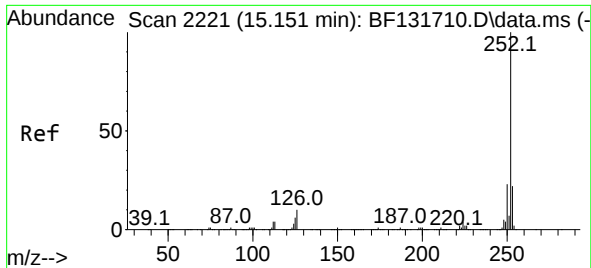
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#88
Benzo(b)fluoranthene
Concen: 50.918 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

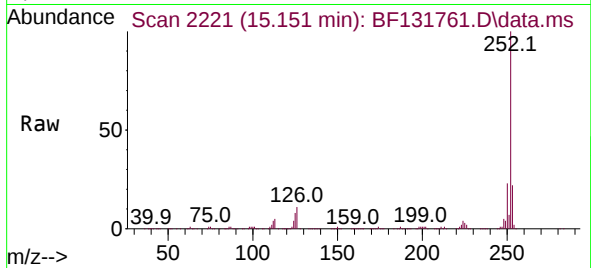
Tgt Ion:252 Resp: 688620
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 7.0 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 52.392 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

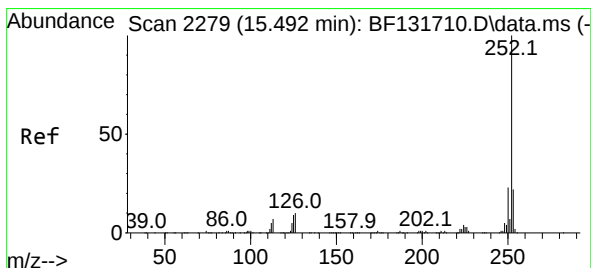
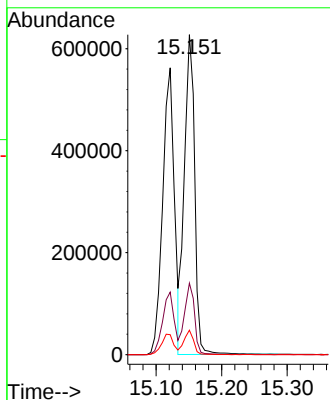
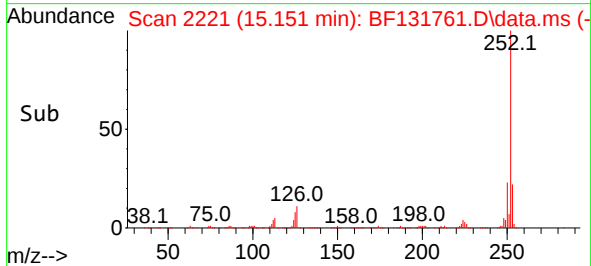
Instrument :
BNA_F
ClientSampleId :
C3MSD



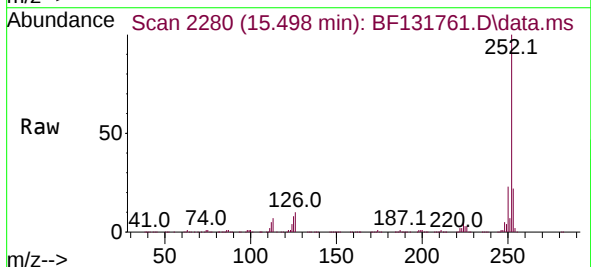
Tgt Ion:252 Resp: 691408
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.6 5.2 7.8

Manual Integrations
APPROVED

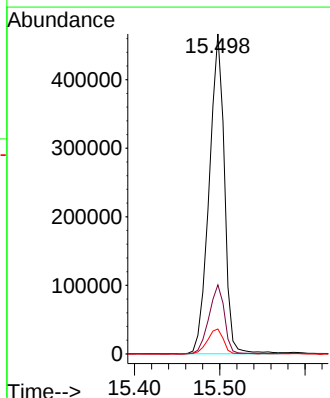
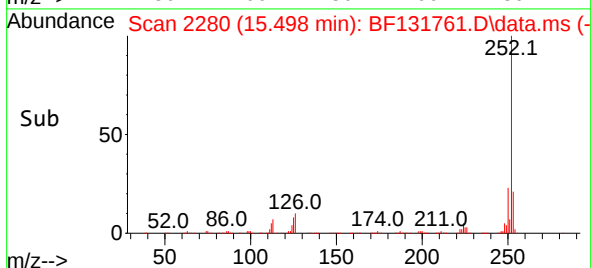
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

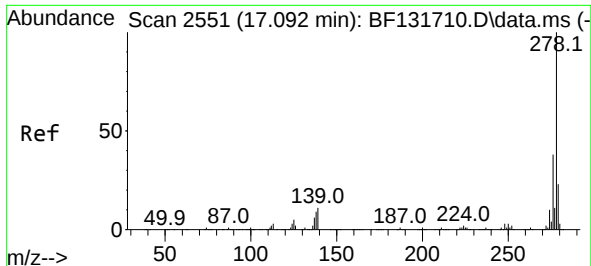


#90
Benzo(a)pyrene
Concen: 54.089 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



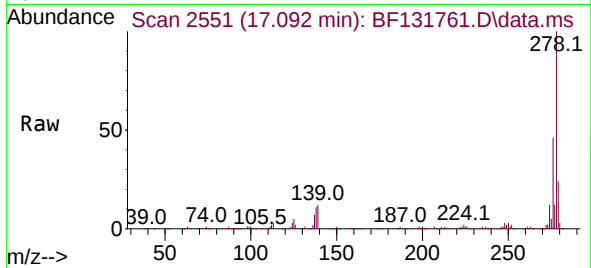
Tgt Ion:252 Resp: 579439
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 7.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 54.196 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35

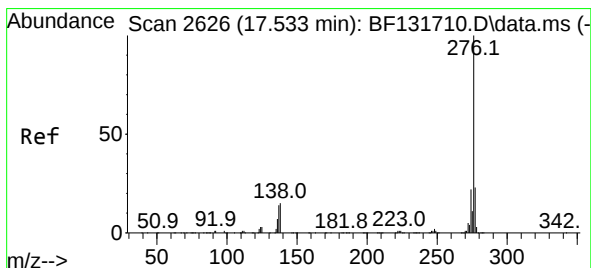
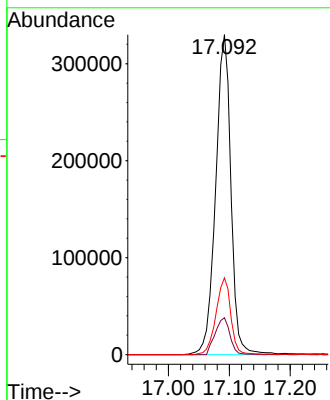
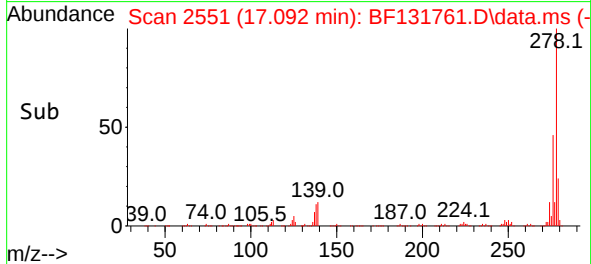
Instrument :
BNA_F
ClientSampleId :
C3MSD



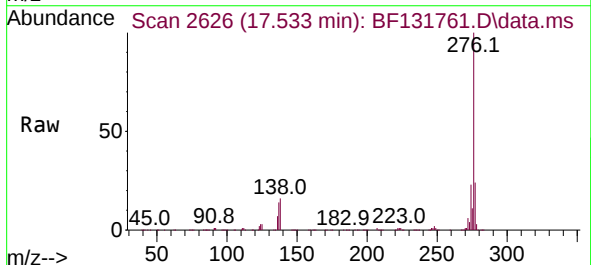
Tgt Ion:278 Resp: 575068
Ion Ratio Lower Upper
278 100
139 11.5 8.7 13.1
279 24.0 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#92
Benzo(g,h,i)perylene
Concen: 53.990 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF131761.D
Acq: 21 Dec 2022 23:35



Tgt Ion:276 Resp: 566229
Ion Ratio Lower Upper
276 100
277 24.0 18.3 27.5
138 15.8 12.3 18.5

