

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131760.D
 Acq On : 21 Dec 2022 23:03
 Operator : CG\JU
 Sample : N6129-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 05:51:41 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	6.869	152	84877	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	307375	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	177876	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	353223	20.000	ng	0.00
76) Chrysene-d12	14.068	240	231861	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	184881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	746597	148.118	ng	0.03
7) Phenol-d6	6.510	99	941928	138.837	ng	0.00
23) Nitrobenzene-d5	7.439	82	731077	96.556	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	321679	165.224	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1240986	97.731	ng	0.00
79) Terphenyl-d14	13.004	244	1534504	103.146	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.840	88	111056	47.148	ng	# 84
3) Pyridine	3.540	79	261465	38.929	ng	98
4) n-Nitrosodimethylamine	3.487	42	154950	50.991	ng	95
6) Aniline	6.534	93	170831	20.396	ng	92
8) 2-Chlorophenol	6.651	128	280409	51.794	ng	99
9) Benzaldehyde	6.422	77	130078	31.900	ng	96
10) Phenol	6.522	94	365110	45.074	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	351347	60.613	ng	99
12) 1,3-Dichlorobenzene	6.804	146	293593	47.974	ng	98
13) 1,4-Dichlorobenzene	6.887	146	296223	47.353	ng	99
14) 1,2-Dichlorobenzene	7.034	146	286833	48.972	ng	98
15) Benzyl Alcohol	7.016	79	272056	44.896	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	376993	51.006	ng	89
17) 2-Methylphenol	7.128	107	268241	52.484	ng	94
18) Hexachloroethane	7.381	117	122705	49.482	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	245075	50.087	ng	98
20) 3+4-Methylphenols	7.281	107	314201	47.766	ng	92
22) Acetophenone	7.281	105	458166	51.077	ng	# 93
24) Nitrobenzene	7.457	77	379084	49.249	ng	96
25) Isophorone	7.698	82	683581	53.162	ng	99
26) 2-Nitrophenol	7.775	139	151480	50.355	ng	97
27) 2,4-Dimethylphenol	7.816	122	251962	58.807	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	384165	56.262	ng	100
29) 2,4-Dichlorophenol	8.016	162	258033	49.886	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	297722	48.962	ng	98
31) Naphthalene	8.181	128	807118	48.081	ng	100
32) Benzoic acid	7.951	122	181184	52.829	ng	98
33) 4-Chloroaniline	8.234	127	65959	10.075	ng	98
34) Hexachlorobutadiene	8.292	225	193691	47.344	ng	100
35) Caprolactam	8.616	113	70211m	45.018	ng	
36) 4-Chloro-3-methylphenol	8.722	107	303921	51.437	ng	98
37) 2-Methylnaphthalene	8.875	142	559663	48.876	ng	100
38) 1-Methylnaphthalene	8.975	142	514562	46.398	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	318307	52.304	ng	99
41) Hexachlorocyclopentadiene	9.022	237	373582	135.496	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	202830	51.021	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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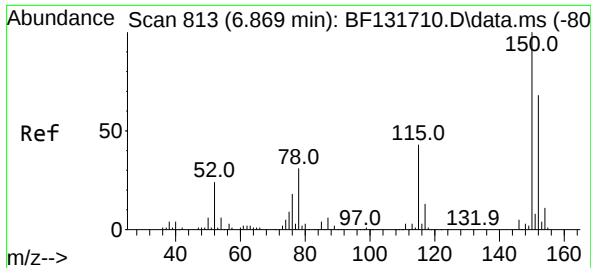
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	226210	52.562	ng	99
46) 1,1'-Biphenyl	9.339	154	708242	52.934	ng	99
47) 2-Chloronaphthalene	9.363	162	561001	51.205	ng	98
48) 2-Nitroaniline	9.469	65	203130	51.440	ng	97
49) Acenaphthylene	9.786	152	848485	51.634	ng	99
50) Dimethylphthalate	9.645	163	701956	52.446	ng	100
51) 2,6-Dinitrotoluene	9.710	165	151092	52.500	ng	96
52) Acenaphthene	9.957	154	515950	51.254	ng	100
53) 3-Nitroaniline	9.880	138	82404	27.984	ng	99
54) 2,4-Dinitrophenol	9.992	184	199184	115.507	ng	99
55) Dibenzofuran	10.128	168	786120	50.927	ng	98
56) 4-Nitrophenol	10.057	139	210225	99.745	ng	89
57) 2,4-Dinitrotoluene	10.116	165	208780	53.987	ng	94
58) Fluorene	10.475	166	630535	50.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	175176m	48.757	ng	
60) Diethylphthalate	10.351	149	670316	51.976	ng	97
61) 4-Chlorophenyl-phenyle...	10.463	204	345718	52.119	ng	99
62) 4-Nitroaniline	10.510	138	142911	48.221	ng	99
63) Azobenzene	10.628	77	728772	51.459	ng	100
65) 4,6-Dinitro-2-methylph...	10.528	198	126642	52.222	ng	89
66) n-Nitrosodiphenylamine	10.586	169	542598	49.535	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	210916	50.557	ng	96
68) Hexachlorobenzene	11.016	284	230393	50.214	ng	100
69) Atrazine	11.116	200	200890	55.018	ng	97
70) Pentachlorophenol	11.216	266	274303	112.641	ng	98
71) Phenanthrene	11.439	178	948358	49.238	ng	99
72) Anthracene	11.492	178	955823	50.683	ng	99
73) Carbazole	11.651	167	826637	50.664	ng	99
74) Di-n-butylphthalate	11.974	149	1040723	51.225	ng	100
75) Fluoranthene	12.633	202	1047586	48.837	ng	99
77) Benzidine	12.751	184	125885	29.609	ng	98
78) Pyrene	12.863	202	1068517	50.687	ng	100
80) Butylbenzylphthalate	13.480	149	417010	56.087	ng	99
81) Benzo(a)anthracene	14.057	228	864487	51.769	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	196527	42.153	ng	# 99
83) Chrysene	14.092	228	815369	51.733	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	565883	63.828	ng	99
85) Di-n-octyl phthalate	14.657	149	849939	68.678	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	669084	53.879	ng	99
88) Benzo(b)fluoranthene	15.121	252	670795	51.284	ng	99
89) Benzo(k)fluoranthene	15.151	252	677091	53.049	ng	99
90) Benzo(a)pyrene	15.498	252	564476	54.482	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	554866	54.068	ng	98
92) Benzo(g,h,i)perylene	17.533	276	557227	54.935	ng	98

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

Manual Integrations

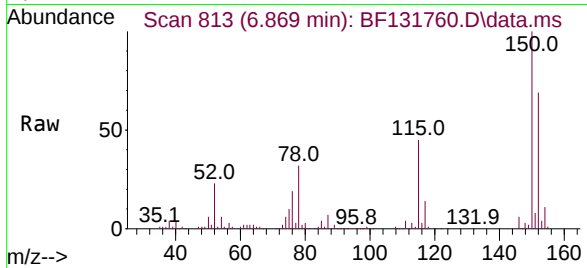
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

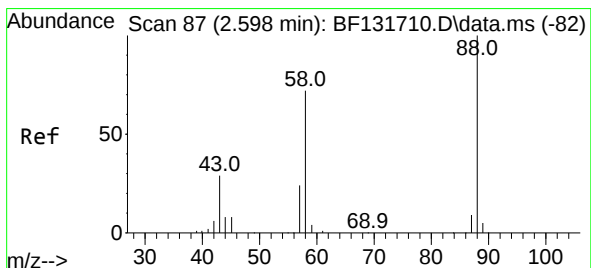
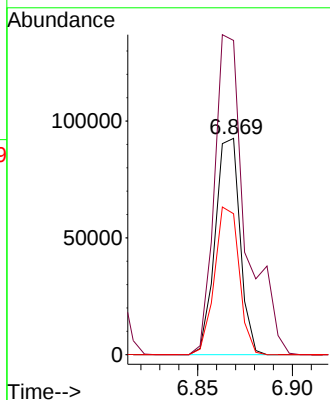
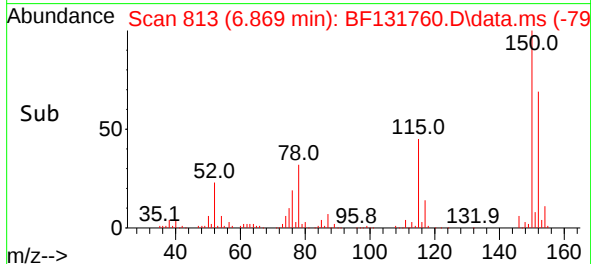
Instrument :
BNA_F
ClientSampleId :
C3MS



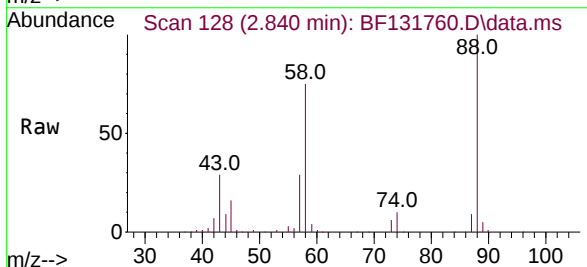
Tgt Ion:152 Resp: 84872
Ion Ratio Lower Upper
152 100
150 145.3 117.4 176.0
115 65.2 50.2 75.4

Manual Integrations
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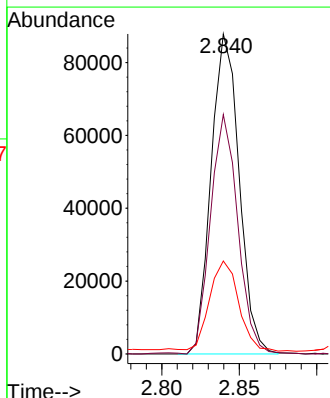
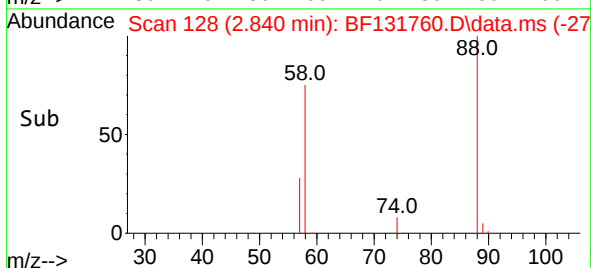
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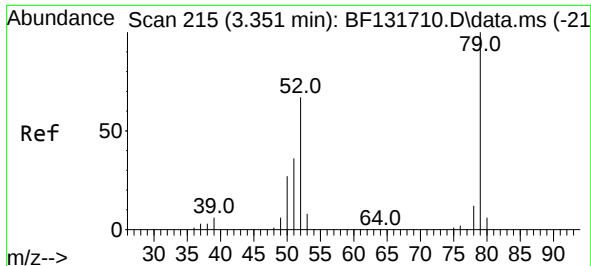


#2
1,4-Dioxane
Concen: 47.148 ng
RT: 2.840 min Scan# 128
Delta R.T. 0.241 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



Tgt Ion: 88 Resp: 111056
Ion Ratio Lower Upper
88 100
58 72.2 57.5 86.3
43 0.0 23.3 34.9





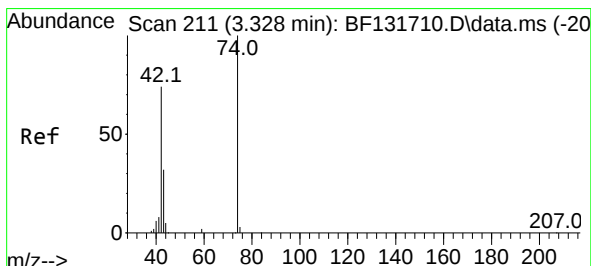
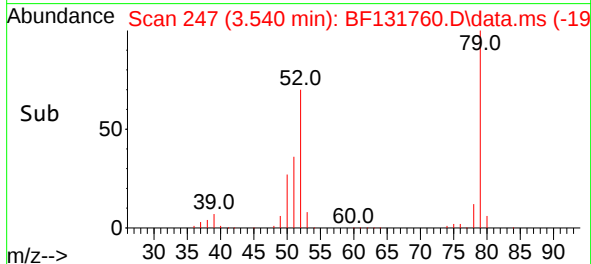
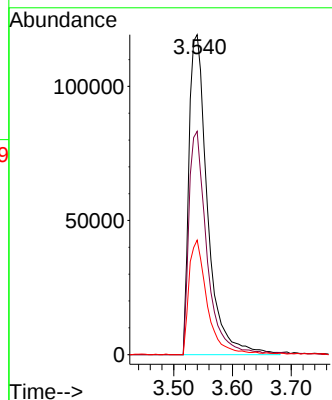
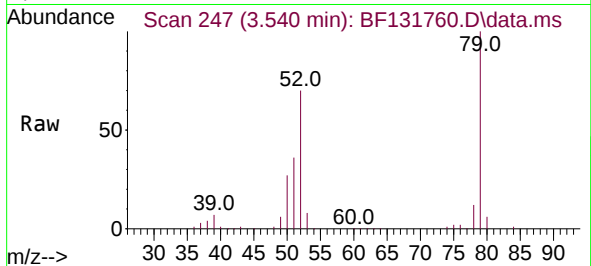
#3
Pyridine
Concen: 38.929 ng
RT: 3.540 min Scan# 24
Delta R.T. 0.188 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Instrument :
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ClientSampleId :
C3MS

Tgt Ion: 79 Resp: 261465
Ion Ratio Lower Upper
79 100
52 69.8 53.7 80.5
51 35.8 28.6 42.8

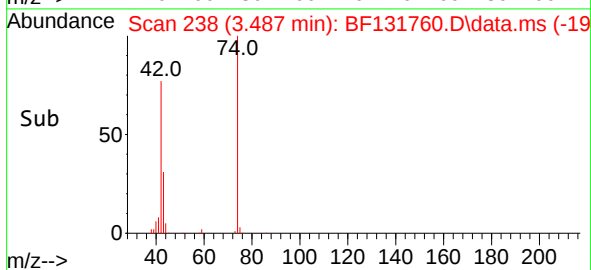
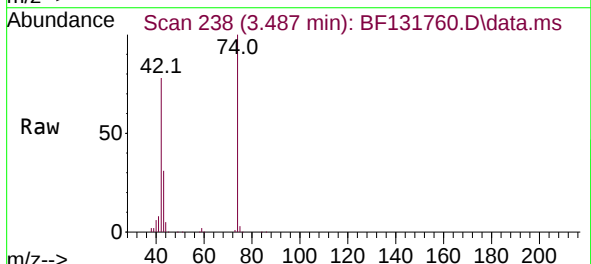
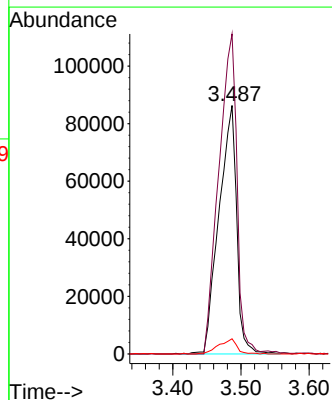
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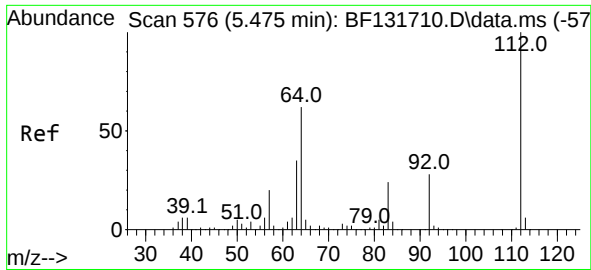
Reviewed By :Christian Giraldo 12/22/2022
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#4
n-Nitrosodimethylamine
Concen: 50.991 ng
RT: 3.487 min Scan# 238
Delta R.T. 0.159 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

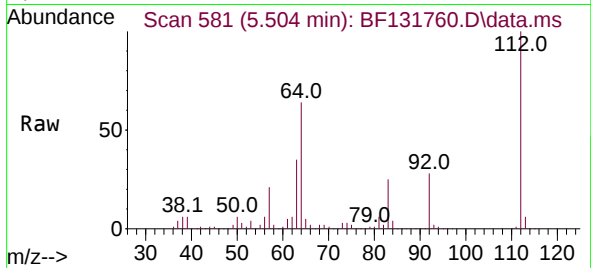
Tgt Ion: 42 Resp: 154950
Ion Ratio Lower Upper
42 100
74 128.9 107.8 161.8
44 6.1 5.5 8.3





#5
2-Fluorophenol
Concen: 148.118 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.030 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

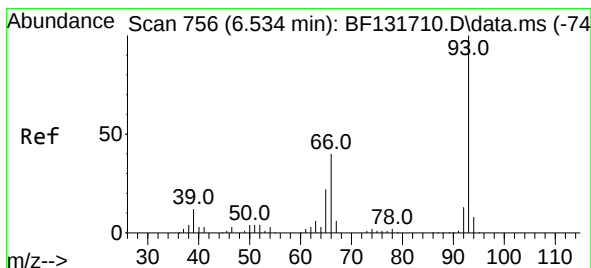
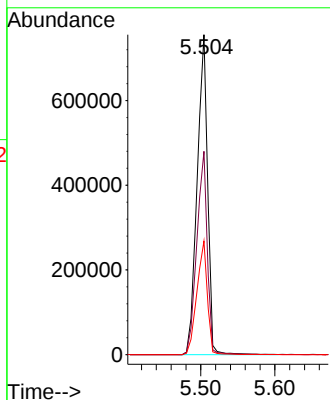
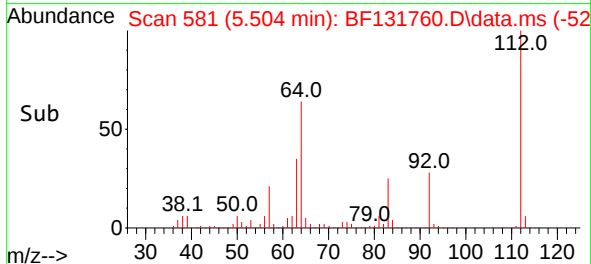
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:112 Resp: 746592
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 35.5 28.2 42.2

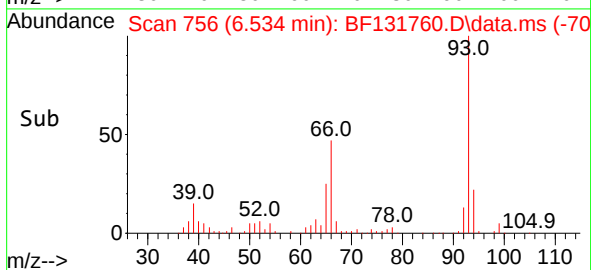
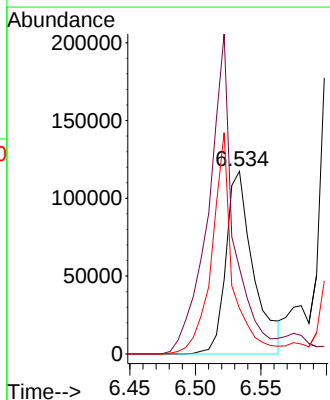
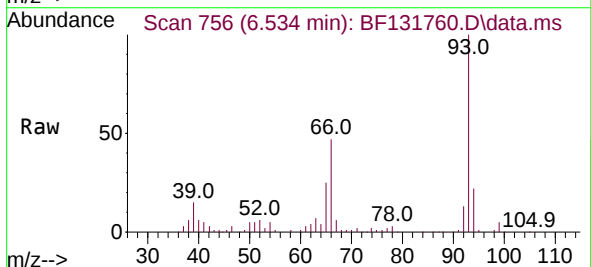
Manual Integrations
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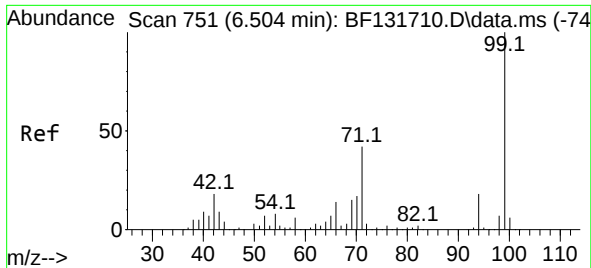
Reviewed By :Christian Giraldo 12/22/2022
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#6
Aniline
Concen: 20.396 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

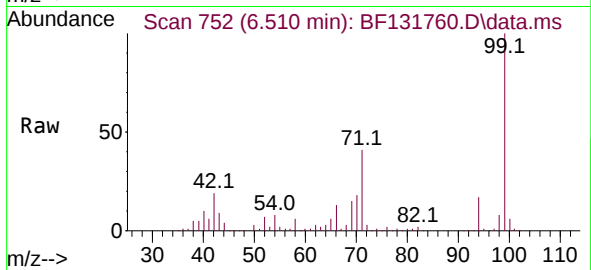
Tgt Ion: 93 Resp: 170831
Ion Ratio Lower Upper
93 100
66 46.9 32.8 49.2
65 24.9 17.4 26.2





#7
Phenol-d6
Concen: 138.837 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

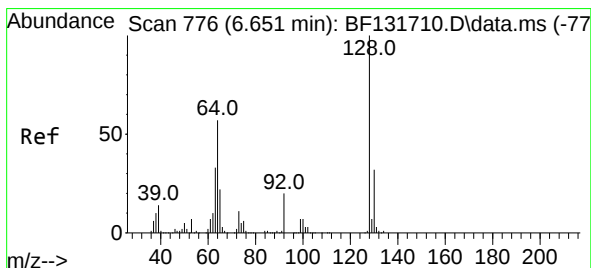
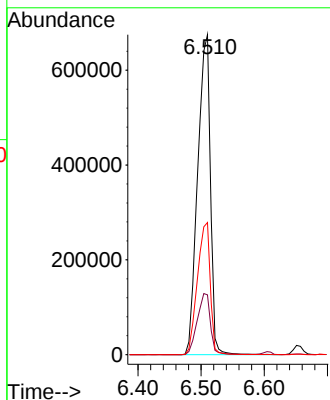
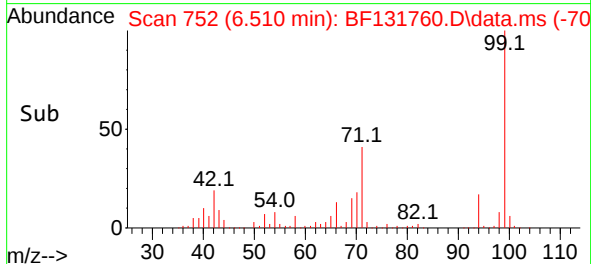
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Tgt Ion: 99 Resp: 941928
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 41.3 33.8 50.6

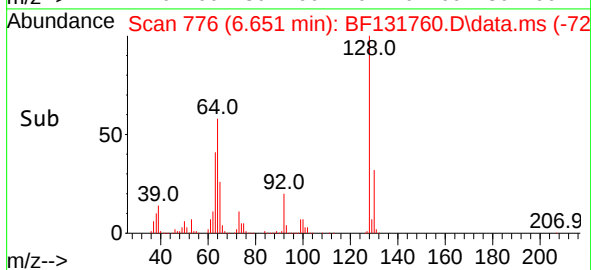
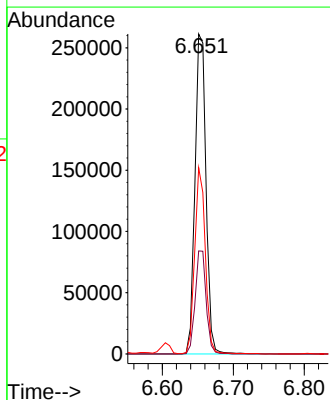
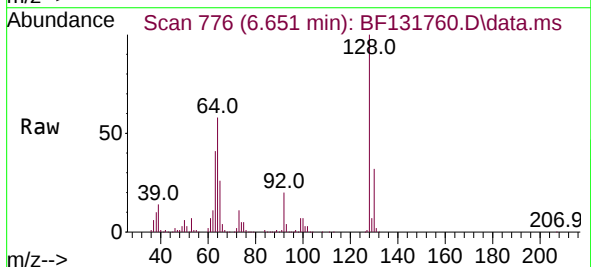
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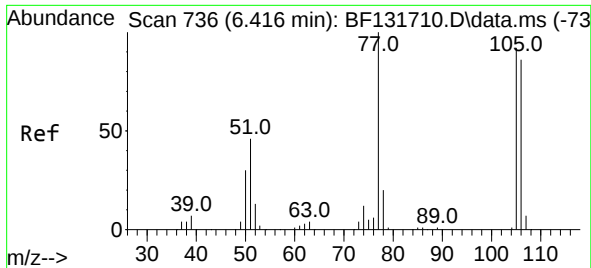
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#8
2-Chlorophenol
Concen: 51.794 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:128 Resp: 280409
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 58.2 37.7 77.7





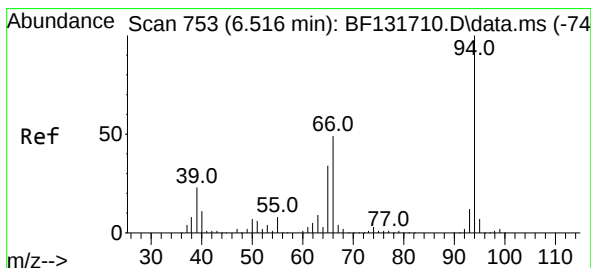
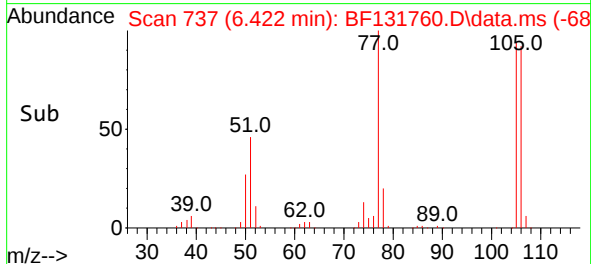
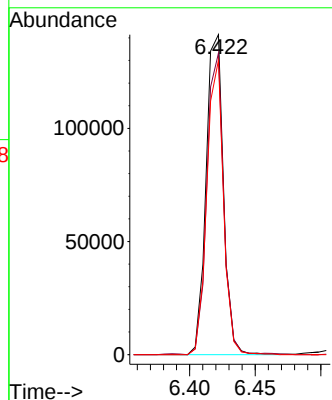
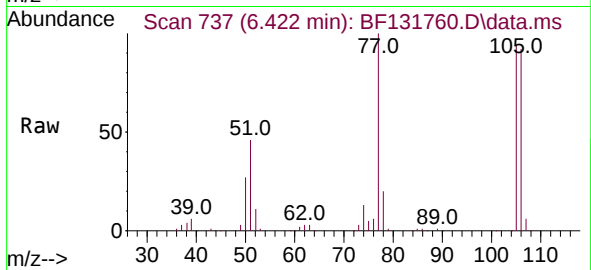
#9
Benzaldehyde
Concen: 31.900 ng
RT: 6.422 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

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Tgt Ion: 77 Resp: 130078
Ion Ratio Lower Upper
77 100
105 94.2 72.4 112.4
106 92.0 66.5 106.5

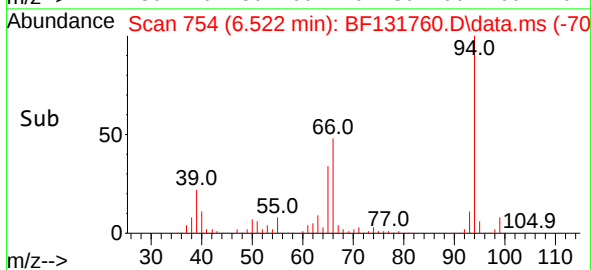
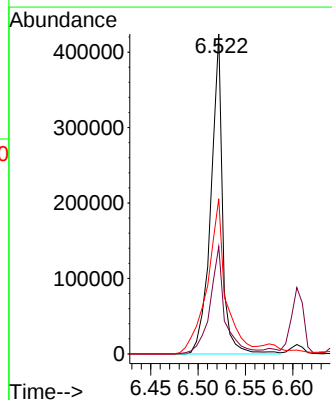
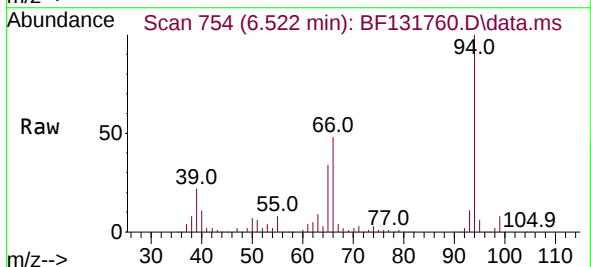
Manual Integrations
APPROVED

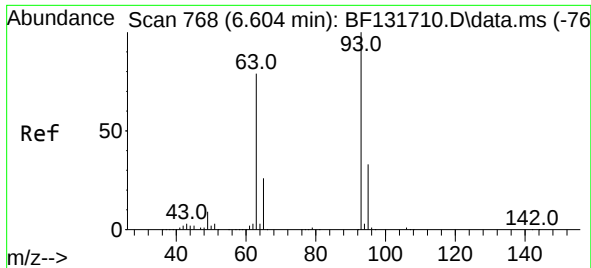
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#10
Phenol
Concen: 45.074 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion: 94 Resp: 365110
Ion Ratio Lower Upper
94 100
65 33.5 14.0 54.0
66 48.5 28.8 68.8





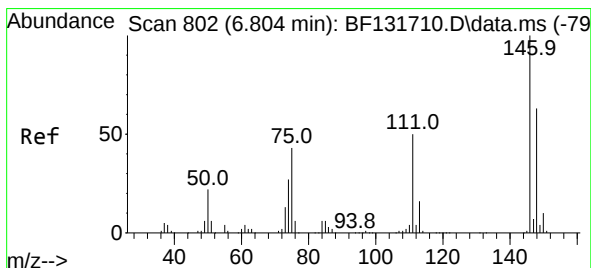
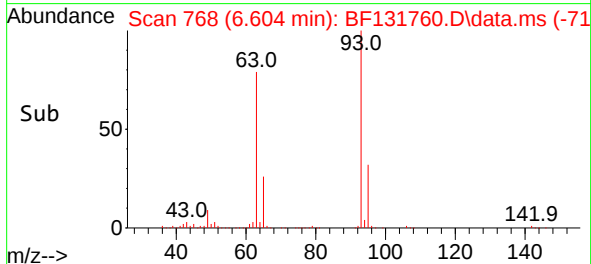
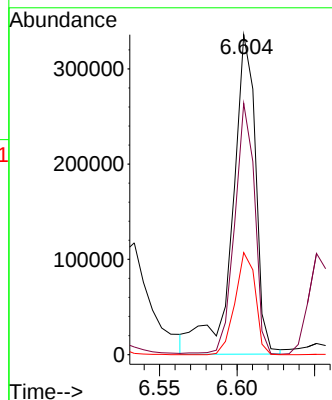
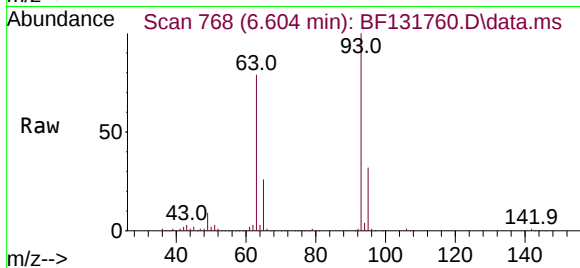
#11
bis(2-Chloroethyl)ether
Concen: 60.613 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Instrument :
BNA_F
ClientSampleId :
C3MS

Tgt Ion: 93 Resp: 351347
Ion Ratio Lower Upper
93 100
63 78.5 59.0 99.0
95 31.9 12.6 52.6

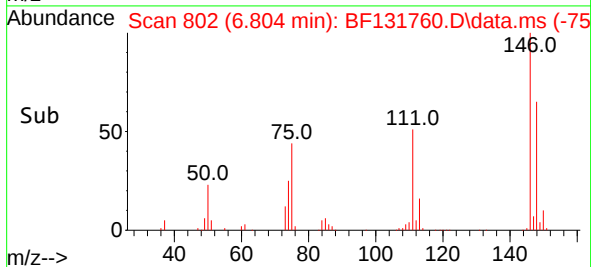
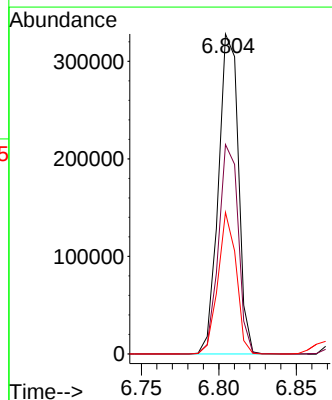
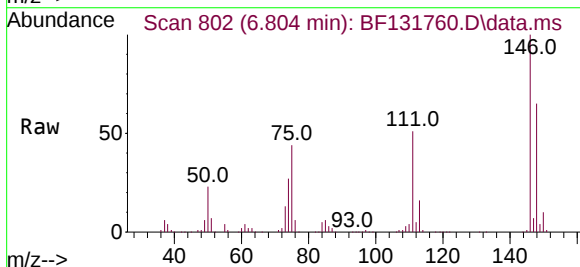
Manual Integrations
APPROVED

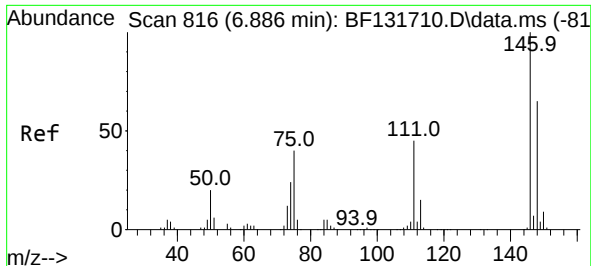
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#12
1,3-Dichlorobenzene
Concen: 47.974 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

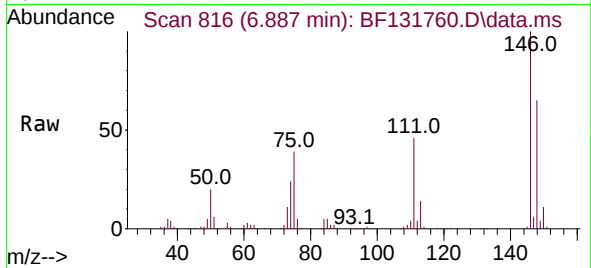
Tgt Ion:146 Resp: 293593
Ion Ratio Lower Upper
146 100
148 65.4 50.6 76.0
75 44.2 34.3 51.5





#13
1,4-Dichlorobenzene
Concen: 47.353 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

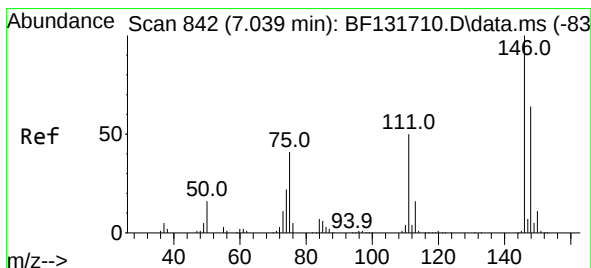
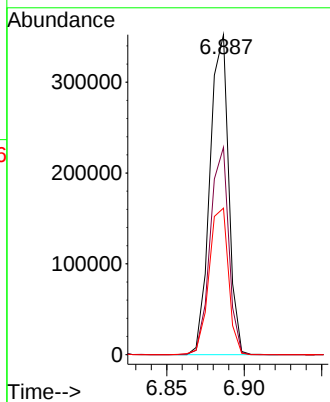
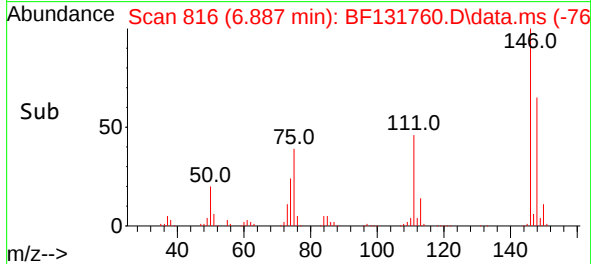
Instrument :
BNA_F
ClientSampleId :
C3MS



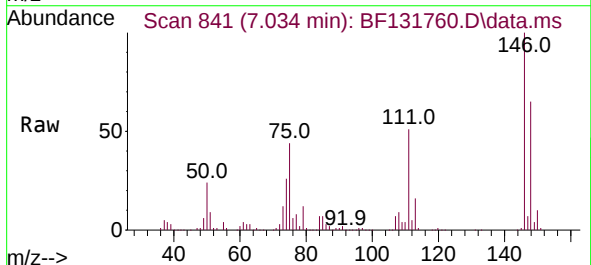
Tgt Ion:146 Resp: 296223
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.4
111 45.8 36.4 54.6

Manual Integrations
APPROVED

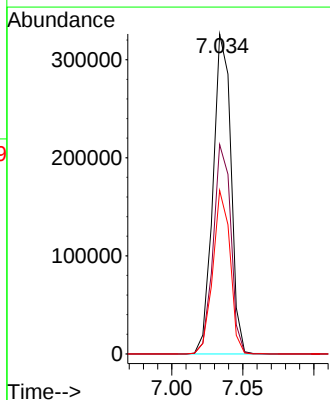
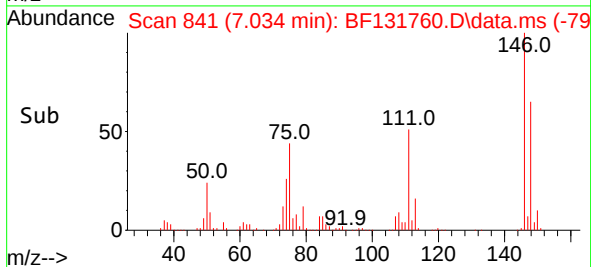
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

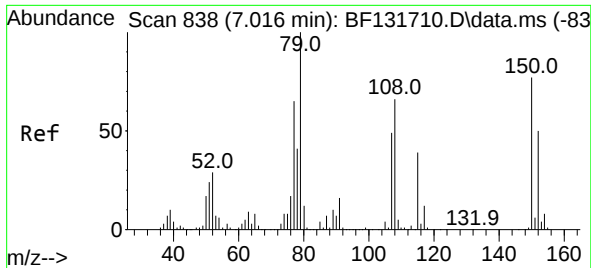


#14
1,2-Dichlorobenzene
Concen: 48.972 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



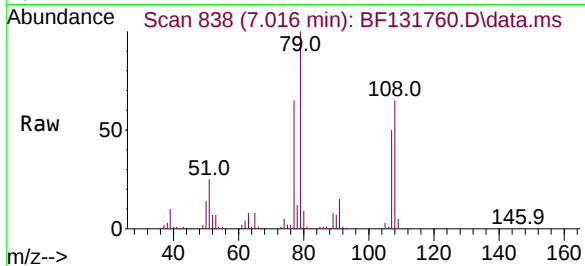
Tgt Ion:146 Resp: 286833
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.0
111 51.1 39.8 59.6





#15
Benzyl Alcohol
Concen: 44.896 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

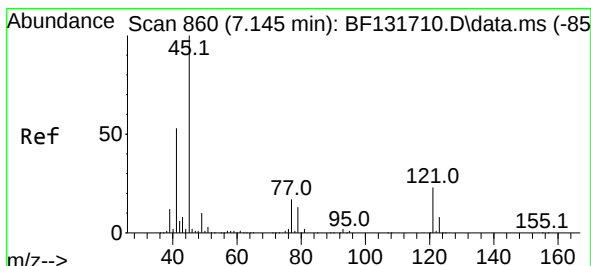
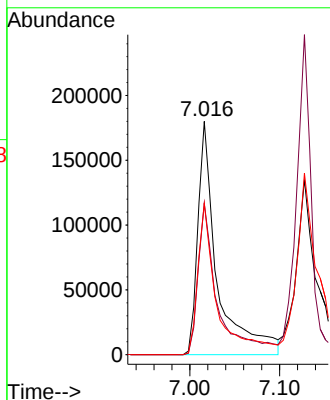
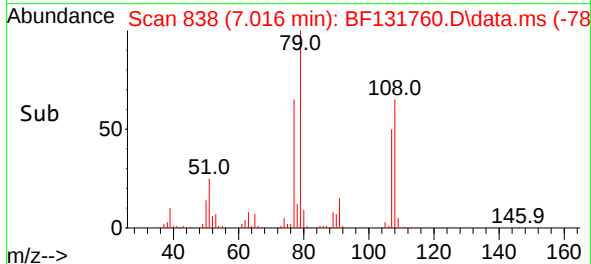
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion: 79 Resp: 272056
Ion Ratio Lower Upper
79 100
108 64.9 52.6 78.8
77 64.8 51.7 77.5

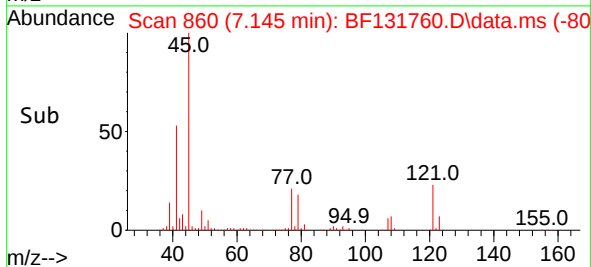
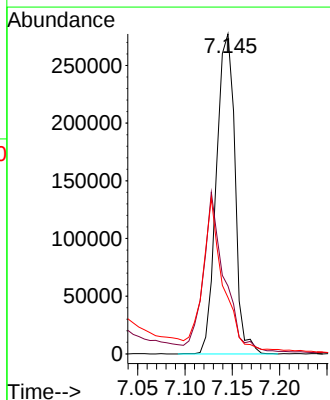
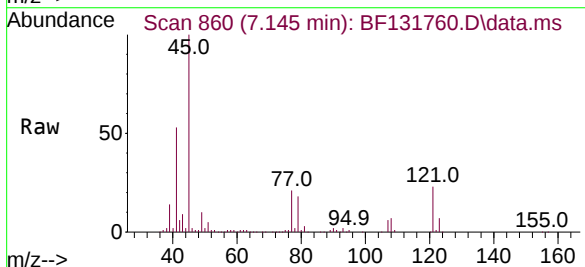
Manual Integrations
APPROVED

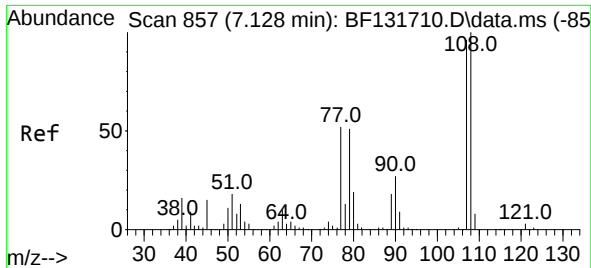
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.006 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

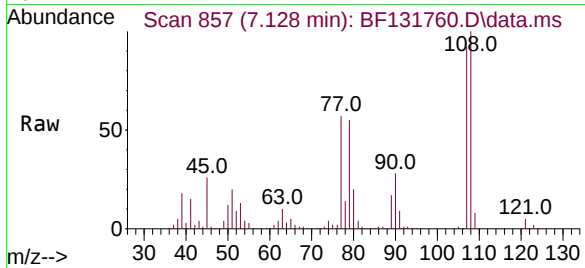
Tgt Ion: 45 Resp: 376993
Ion Ratio Lower Upper
45 100
77 21.2 0.0 36.8
79 17.7 0.0 33.1





#17
2-Methylphenol
Concen: 52.484 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

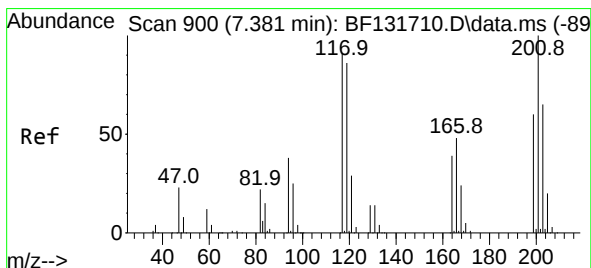
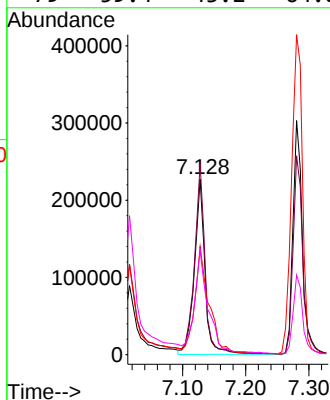
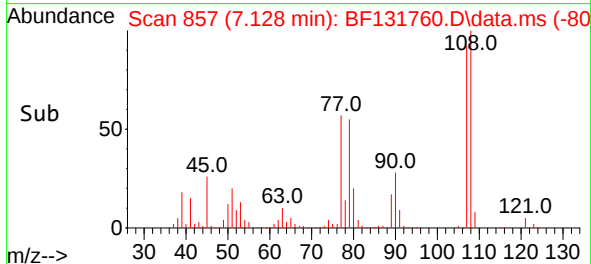
Instrument :
BNA_F
ClientSampleId :
C3MS



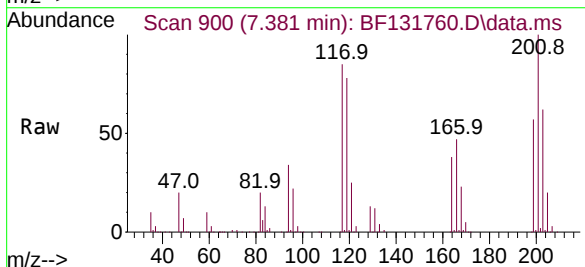
Tgt Ion:107 Resp: 26824
Ion Ratio Lower Upper
107 100
108 108.6 83.8 125.6
77 61.6 43.8 65.8
79 59.4 43.2 64.8

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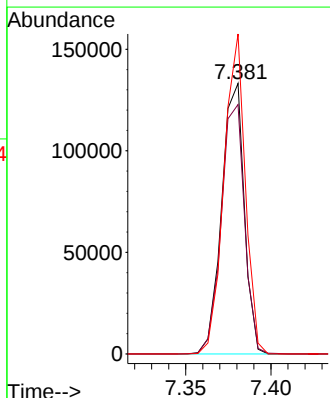
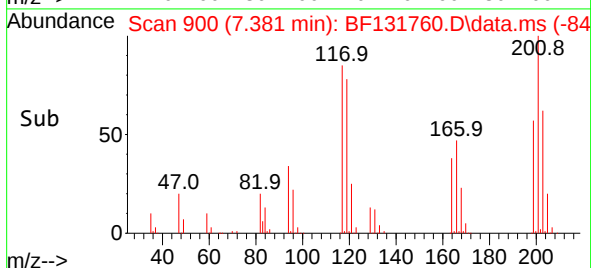
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

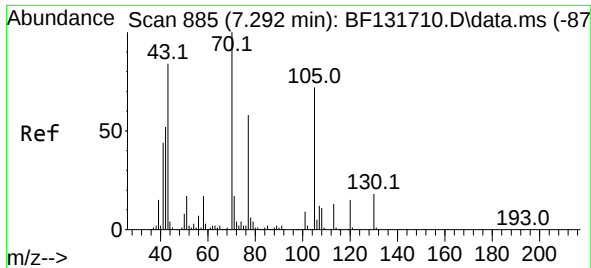


#18
Hexachloroethane
Concen: 49.482 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



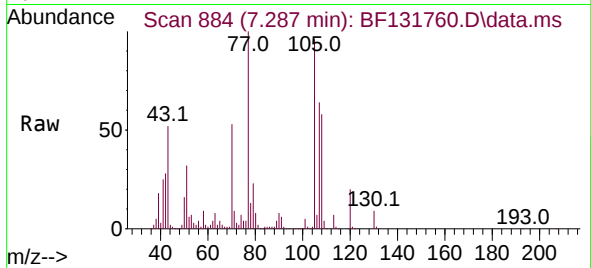
Tgt Ion:117 Resp: 122705
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.8
201 118.3 88.2 132.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.087 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

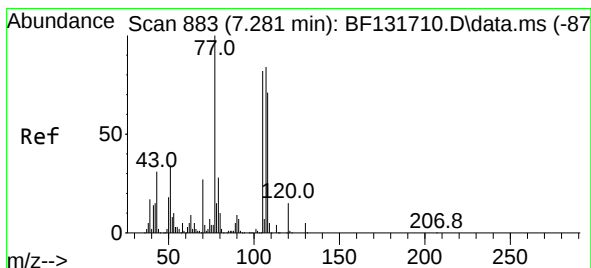
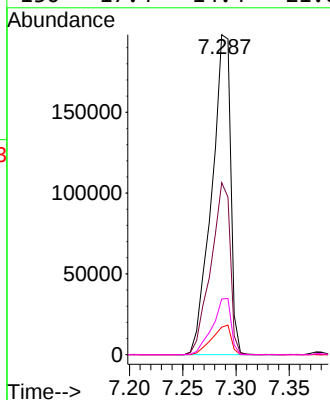
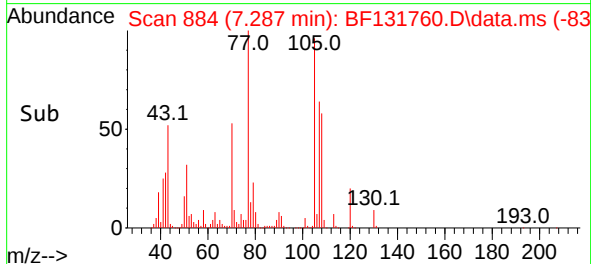
Instrument :
BNA_F
ClientSampleId :
C3MS



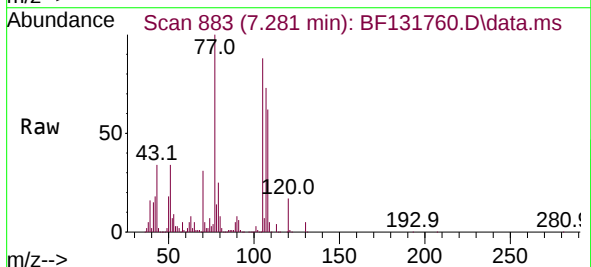
Tgt Ion: 70 Resp: 245075
Ion Ratio Lower Upper
70 100
42 53.7 41.5 62.3
101 8.6 7.3 10.9
130 17.4 14.4 21.6

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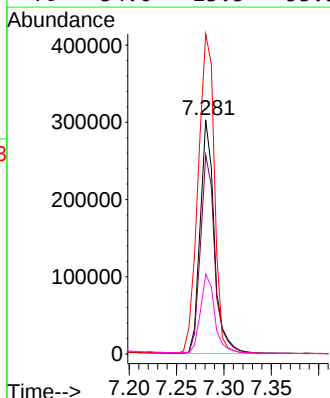
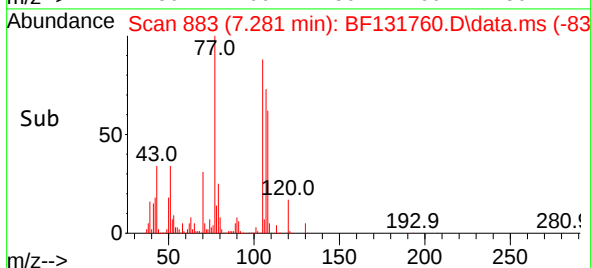
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

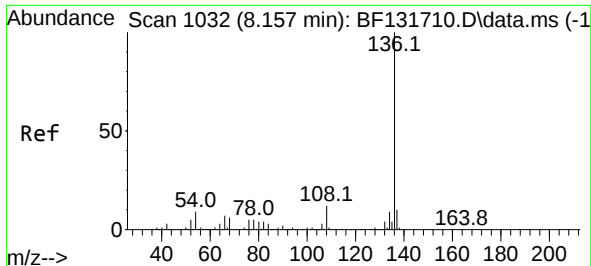


#20
3+4-Methylphenols
Concen: 47.766 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



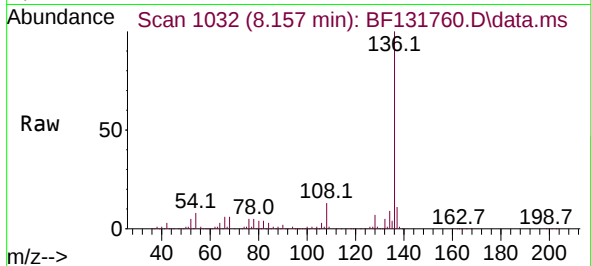
Tgt Ion:107 Resp: 314201
Ion Ratio Lower Upper
107 100
108 85.0 65.2 105.2
77 136.8 99.6 139.6
79 34.0 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

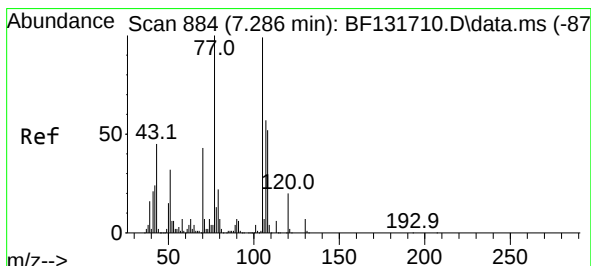
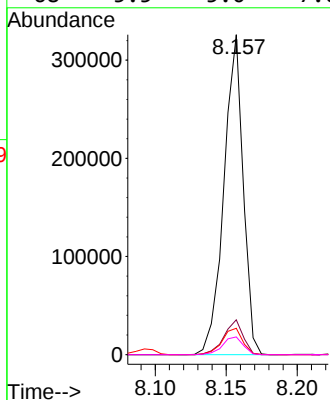
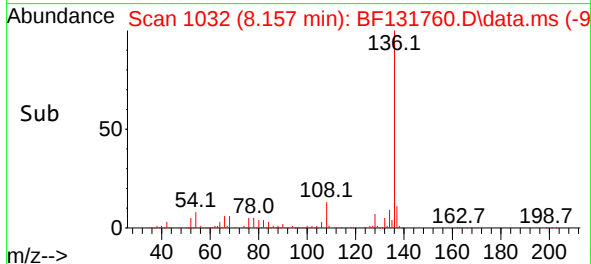
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:136 Resp: 307375
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.2 7.2 10.8
68 5.5 5.0 7.6

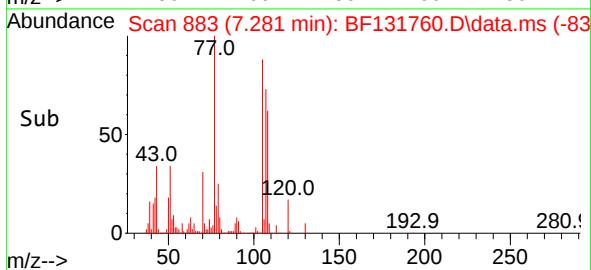
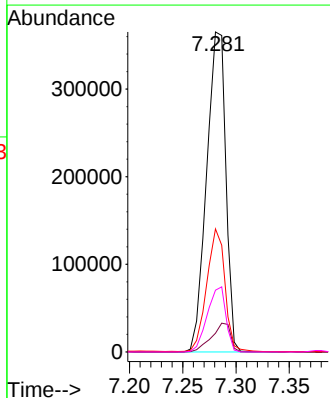
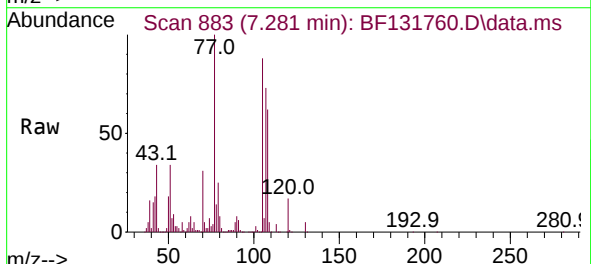
Manual Integrations
APPROVED

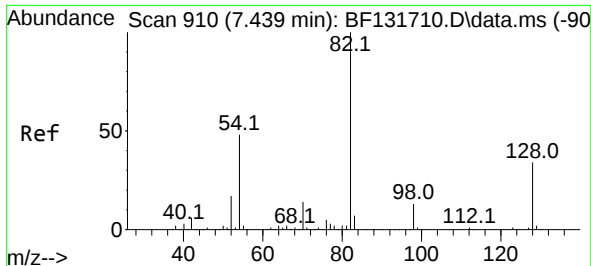
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#22
Acetophenone
Concen: 51.077 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:105 Resp: 458166
Ion Ratio Lower Upper
105 100
71 5.8 5.5 8.3
51 38.4 25.5 38.3#
120 19.3 15.9 23.9





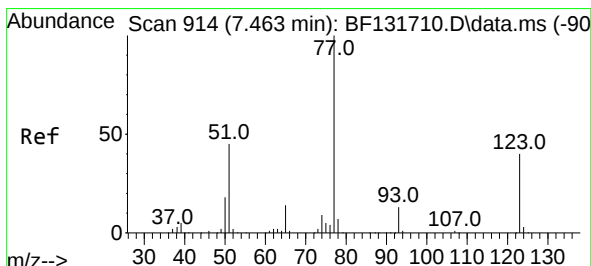
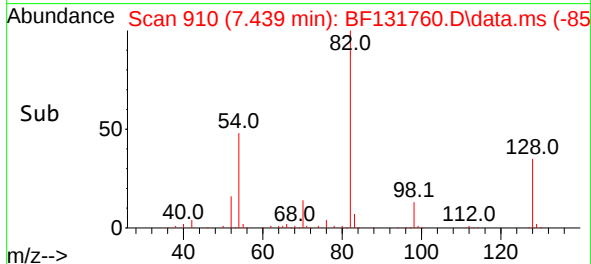
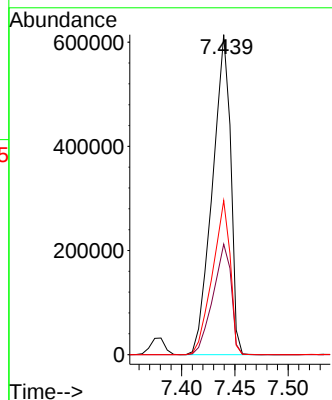
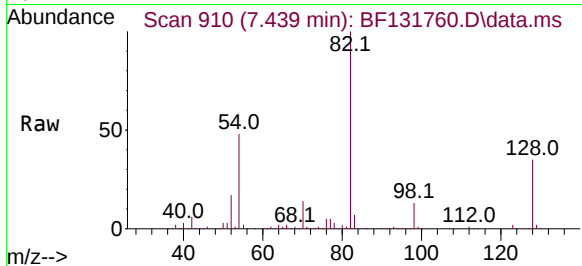
#23
Nitrobenzene-d5
Concen: 96.556 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Instrument :
BNA_F
ClientSampleId :
C3MS

Tgt Ion: 82 Resp: 731072
Ion Ratio Lower Upper
82 100
128 34.5 27.3 40.9
54 48.1 38.2 57.2

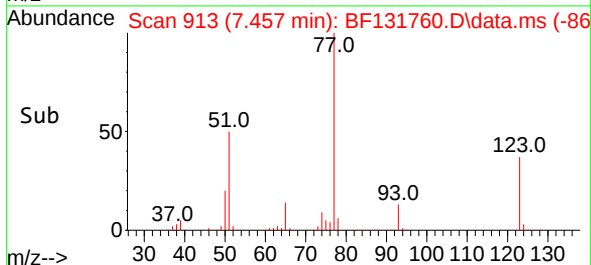
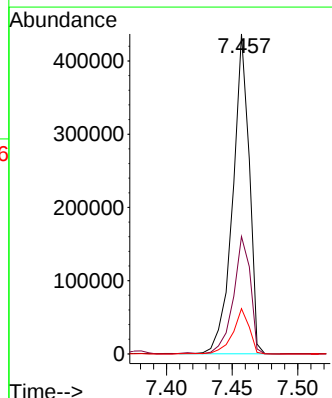
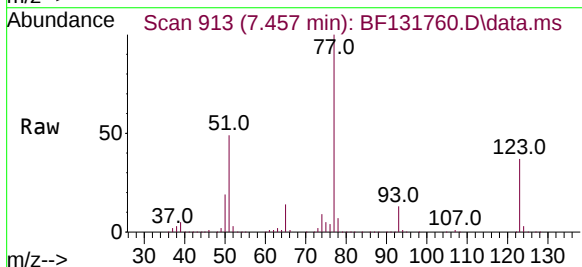
Manual Integrations
APPROVED

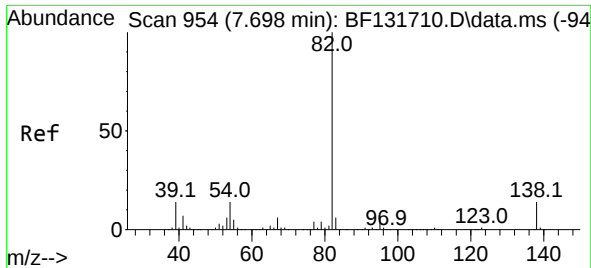
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#24
Nitrobenzene
Concen: 49.249 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion: 77 Resp: 379084
Ion Ratio Lower Upper
77 100
123 36.7 31.8 47.6
65 14.1 10.9 16.3





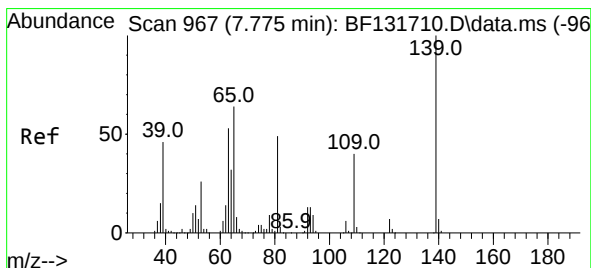
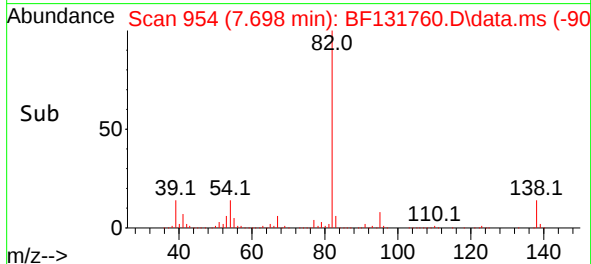
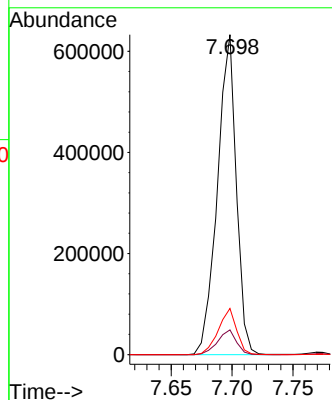
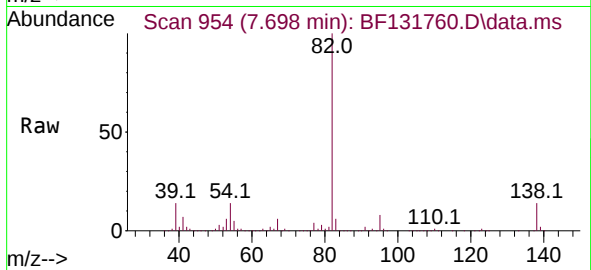
#25
Isophorone
Concen: 53.162 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Instrument :
BNA_F
ClientSampleId :
C3MS

Tgt Ion: 82 Resp: 683581
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 14.4 11.6 17.4

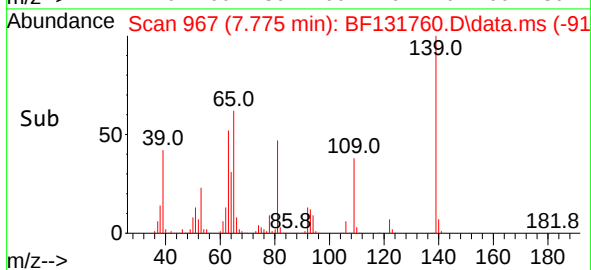
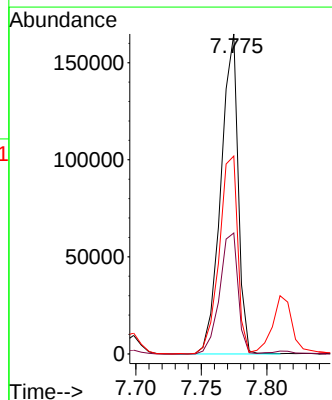
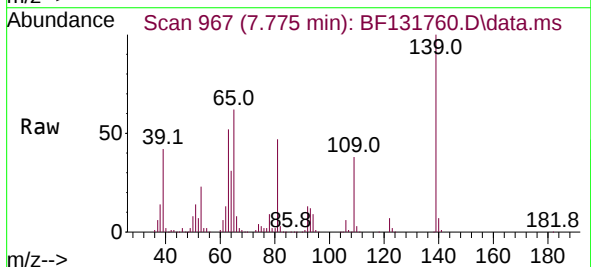
Manual Integrations
APPROVED

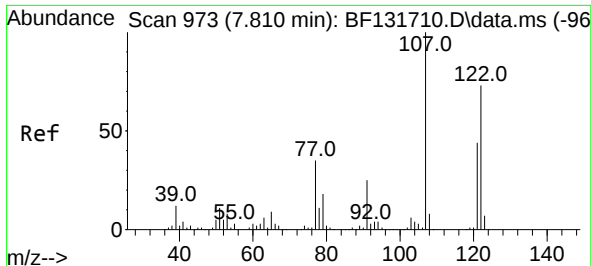
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#26
2-Nitrophenol
Concen: 50.355 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:139 Resp: 151480
Ion Ratio Lower Upper
139 100
109 37.8 31.8 47.6
65 61.8 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 58.807 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

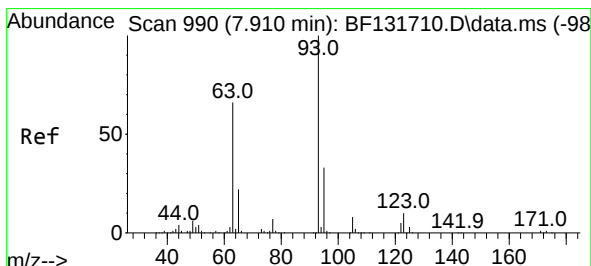
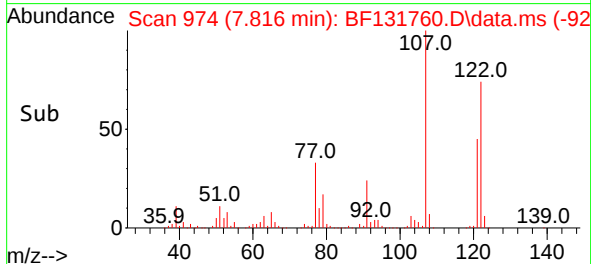
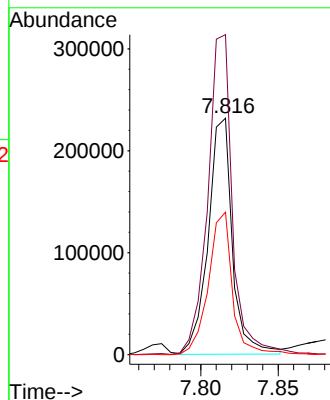
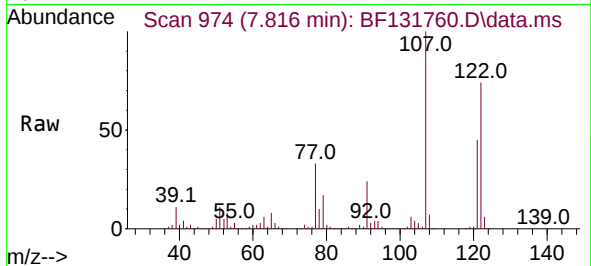
Tgt Ion:122 Resp: 251962
 Ion Ratio Lower Upper
 122 100
 107 135.3 110.1 165.1
 121 60.2 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 56.262 ng

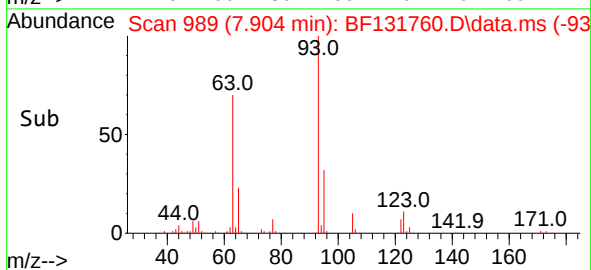
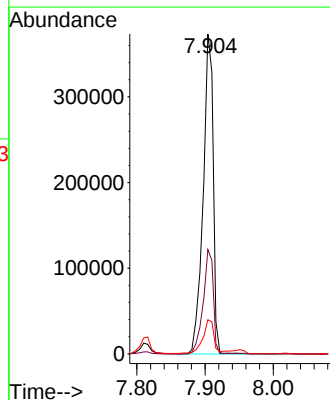
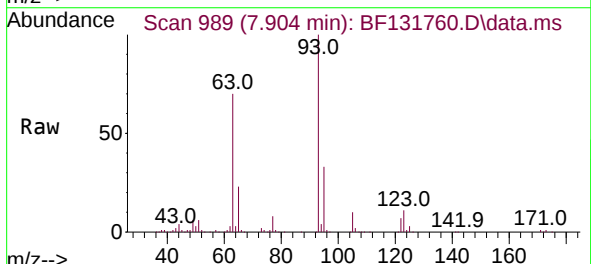
RT: 7.904 min Scan# 989

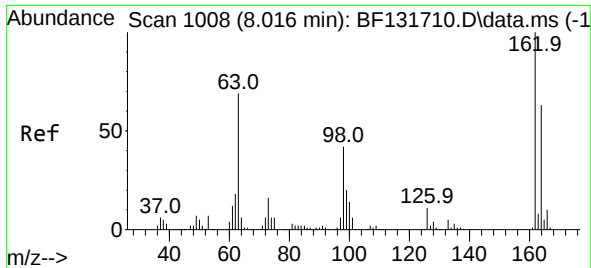
Delta R.T. -0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Tgt Ion: 93 Resp: 384165
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 10.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 49.886 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

Tgt Ion:162 Resp: 258033

Ion Ratio Lower Upper

162 100

164 62.7 42.9 82.9

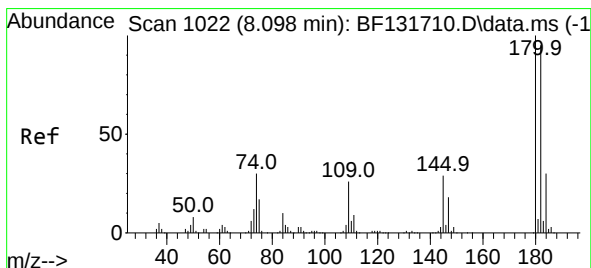
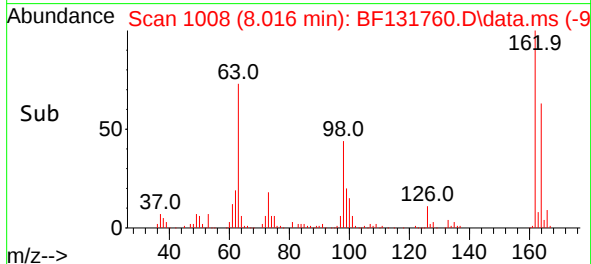
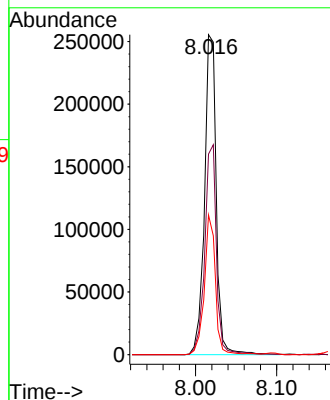
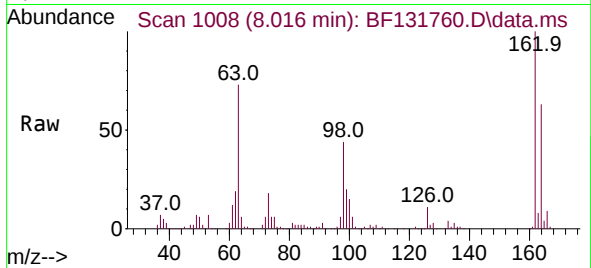
98 43.6 21.9 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.962 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

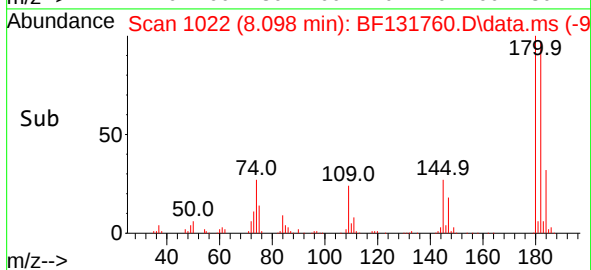
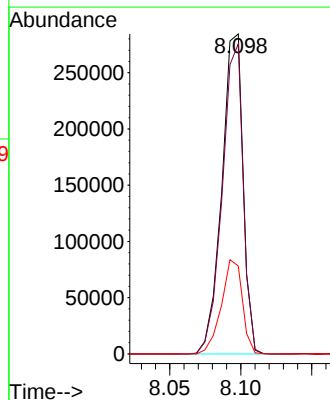
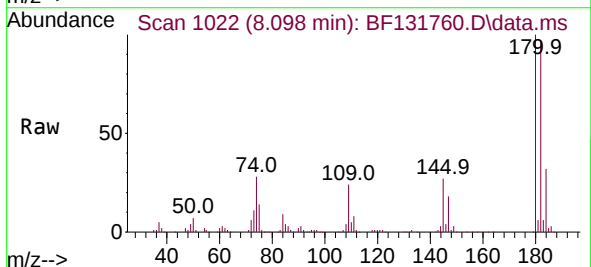
Tgt Ion:180 Resp: 297722

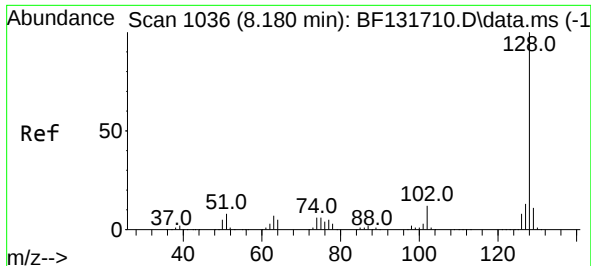
Ion Ratio Lower Upper

180 100

182 96.9 76.1 114.1

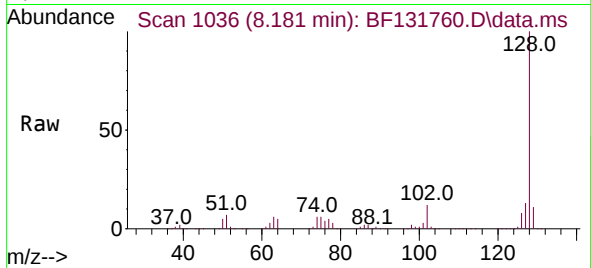
145 27.5 23.4 35.0





#31
Naphthalene
Concen: 48.081 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

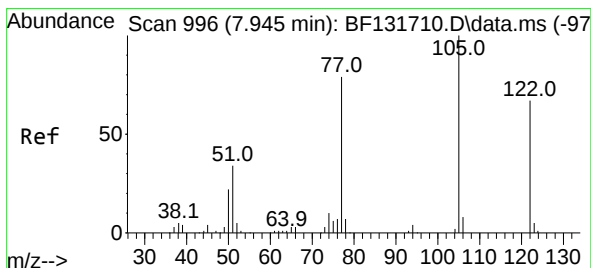
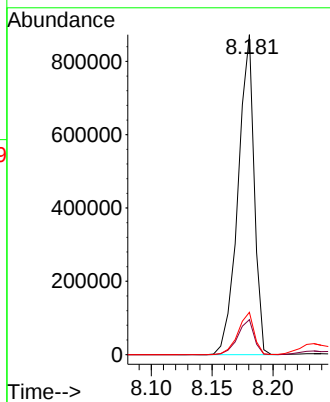
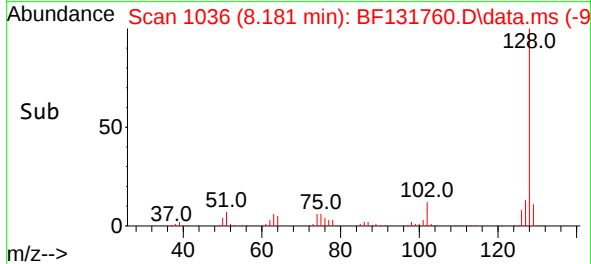
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:128 Resp: 807118
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.6 15.8

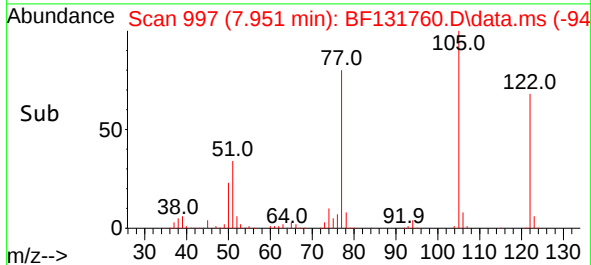
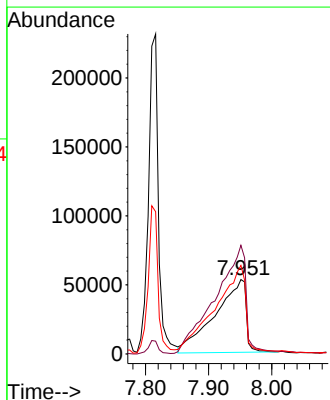
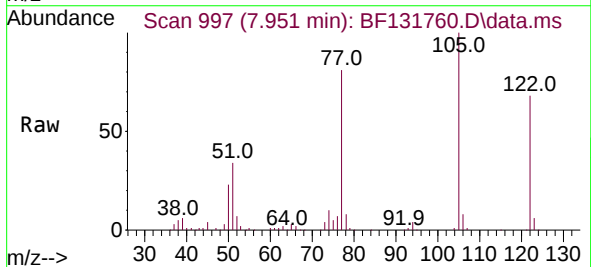
Manual Integrations
APPROVED

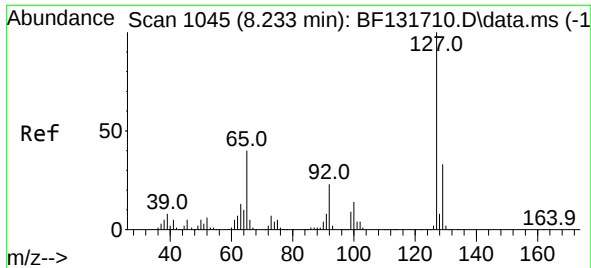
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#32
Benzoic acid
Concen: 52.829 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:122 Resp: 181184
Ion Ratio Lower Upper
122 100
105 146.1 125.1 165.1
77 119.0 95.3 135.3





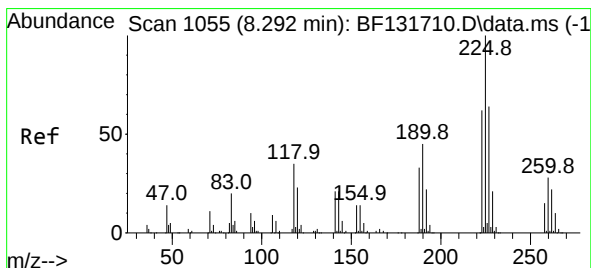
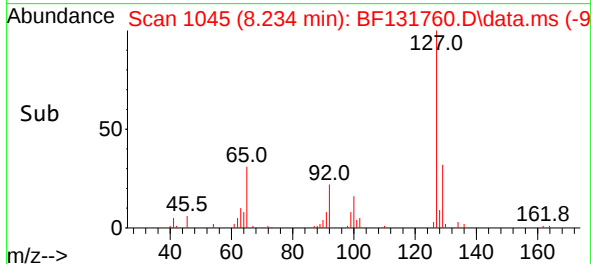
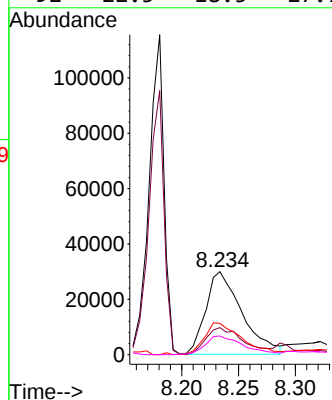
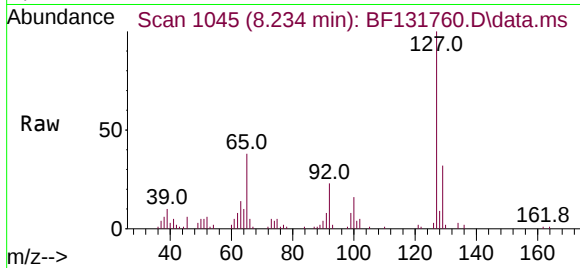
#33
4-Chloroaniline
Concen: 10.075 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Instrument :
BNA_F
ClientSampleId :
C3MS

Tgt Ion:127	Resp: 65959
Ion Ratio	Lower Upper
127 100	
129 32.4	26.1 39.1
65 37.7	31.8 47.6
92 22.5	18.5 27.7

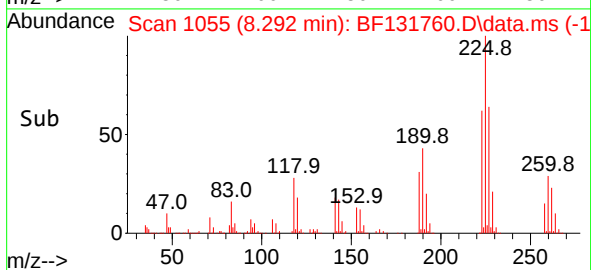
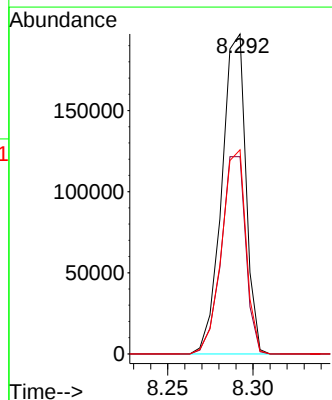
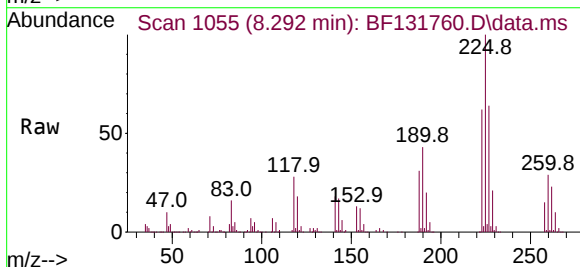
Manual Integrations
APPROVED

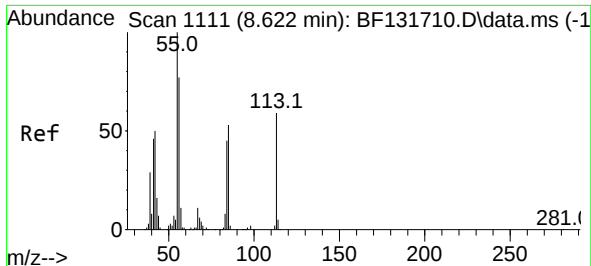
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#34
Hexachlorobutadiene
Concen: 47.344 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

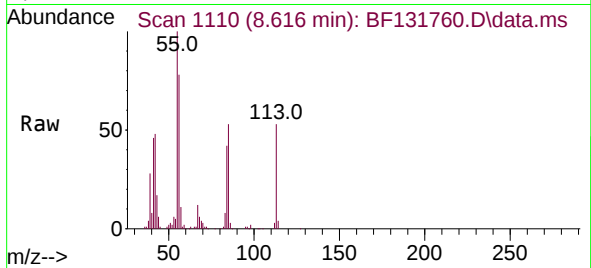
Tgt Ion:225	Resp: 193691
Ion Ratio	Lower Upper
225 100	
223 61.6	49.5 74.3
227 63.8	51.0 76.4





#35
Caprolactam
Concen: 45.018 ng m
RT: 8.616 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

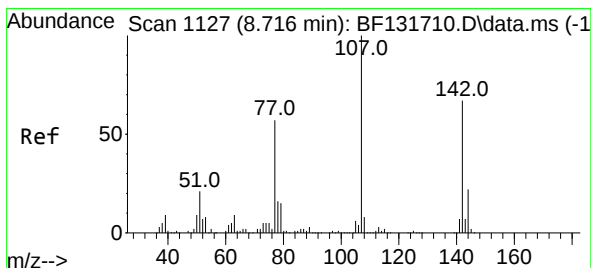
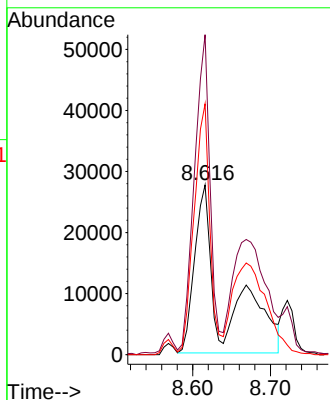
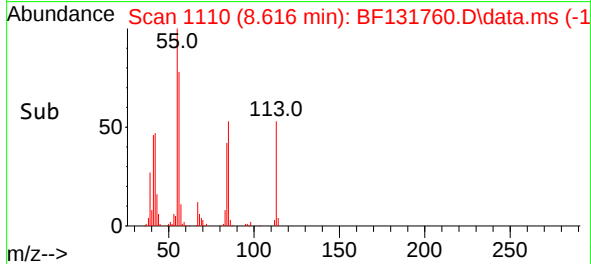
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:113 Resp: 70211
Ion Ratio Lower Upper
113 100
55 188.6 149.0 189.0
56 147.8 109.5 149.5

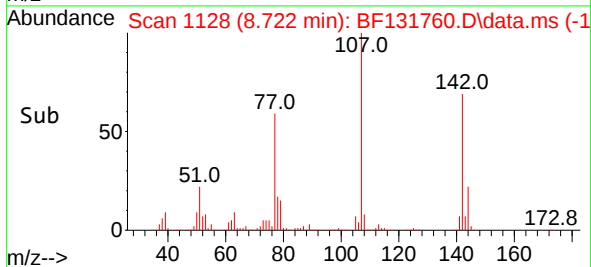
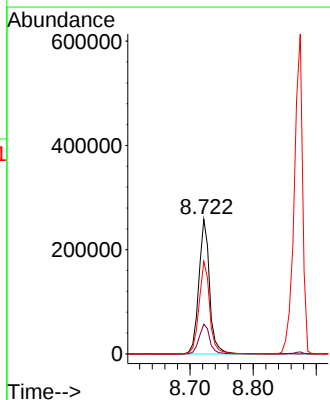
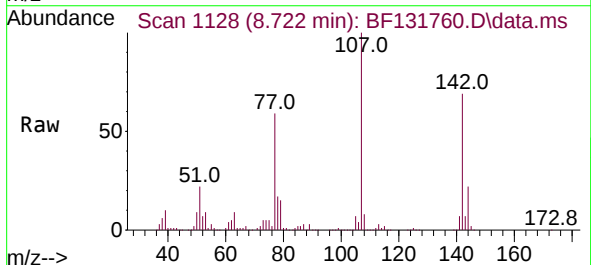
Manual Integrations
APPROVED

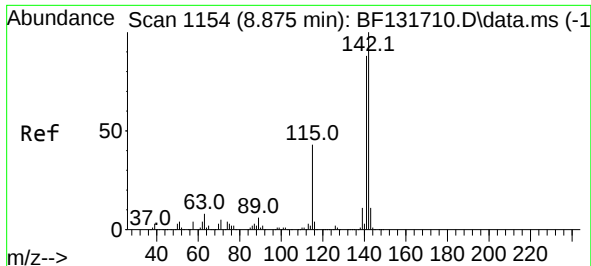
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#36
4-Chloro-3-methylphenol
Concen: 51.437 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:107 Resp: 303921
Ion Ratio Lower Upper
107 100
144 22.0 17.5 26.3
142 68.6 53.4 80.0





#37

2-Methylnaphthalene

Concen: 48.876 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

Tgt Ion:142 Resp: 55966

Ion Ratio Lower Upper

142 100

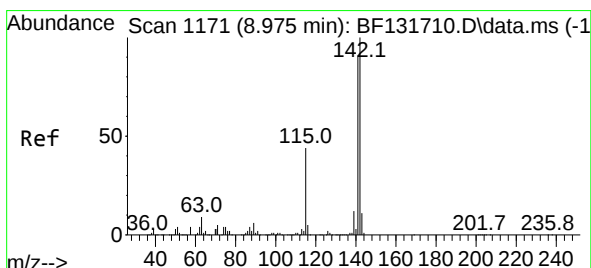
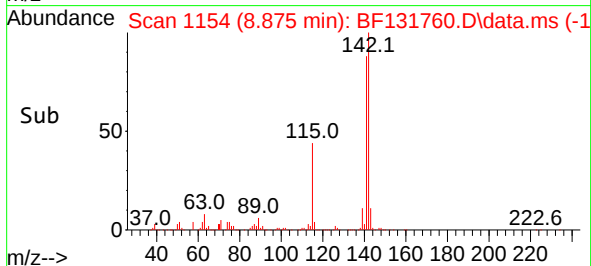
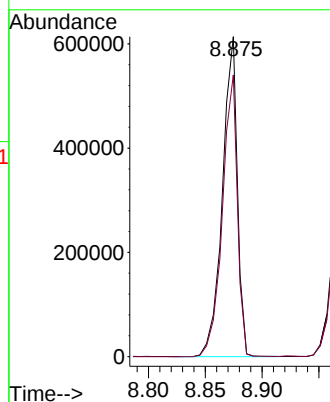
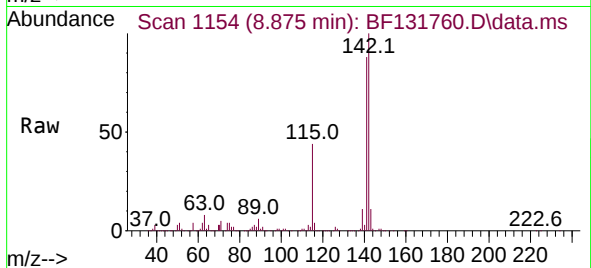
141 88.0 70.4 105.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#38

1-Methylnaphthalene

Concen: 46.398 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131760.D

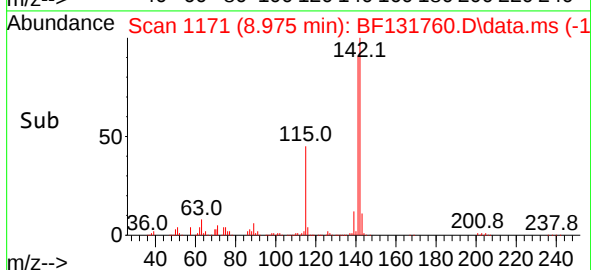
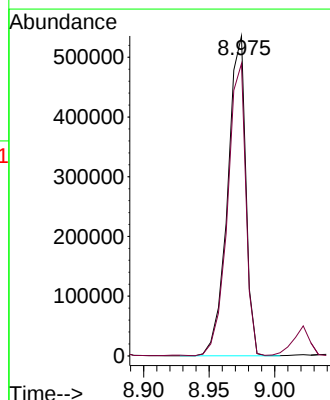
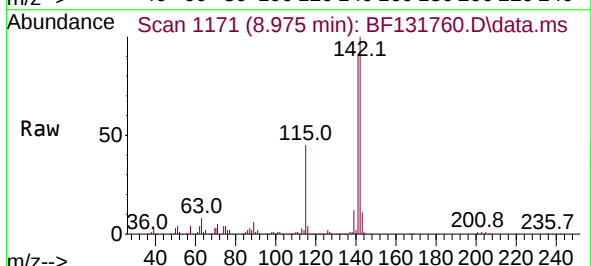
Acq: 21 Dec 2022 23:03

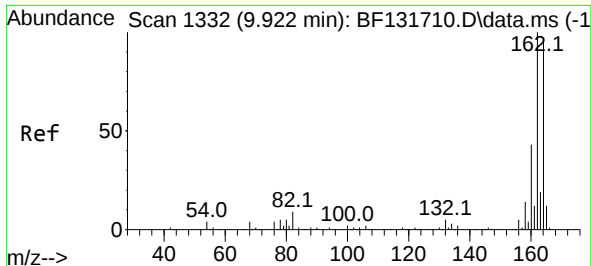
Tgt Ion:142 Resp: 514562

Ion Ratio Lower Upper

142 100

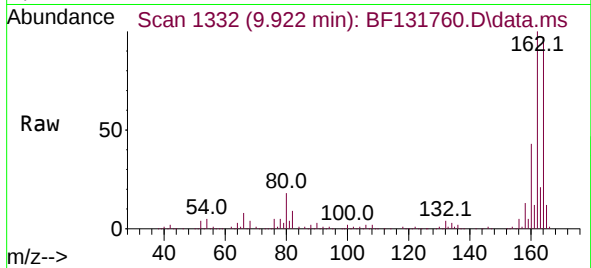
141 91.3 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

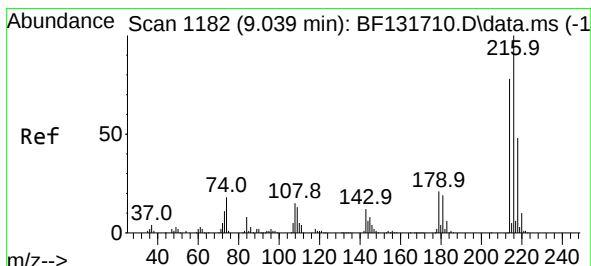
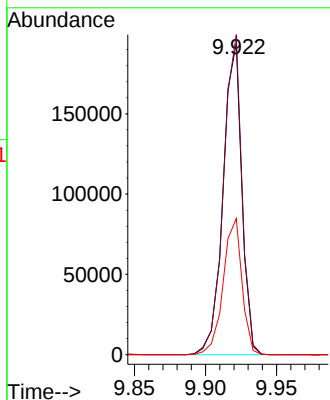
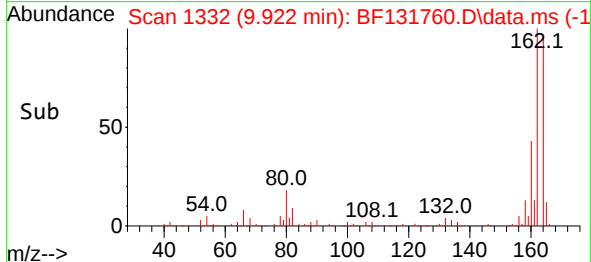
Instrument :
BNA_F
ClientSampleId :
C3MS



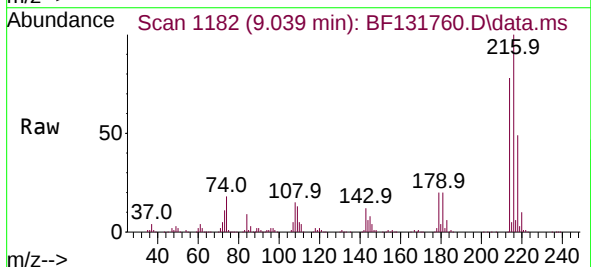
Tgt Ion:164 Resp: 177876
Ion Ratio Lower Upper
164 100
162 102.9 83.7 125.5
160 43.8 36.2 54.4

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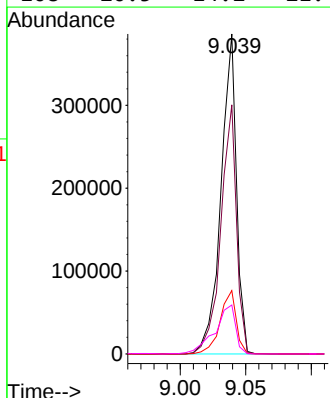
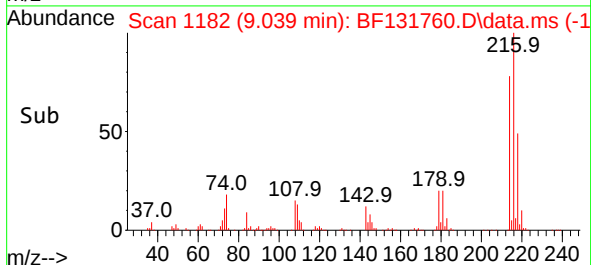
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

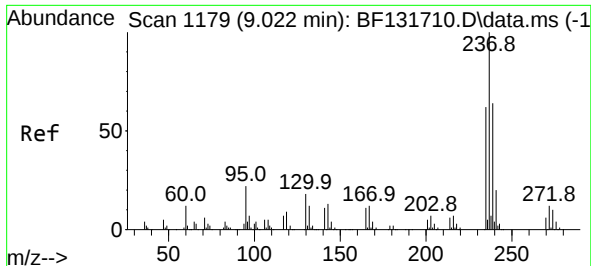


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.304 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



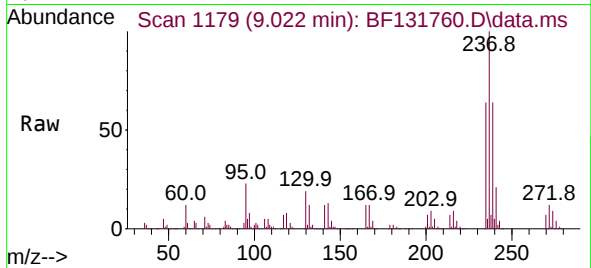
Tgt Ion:216 Resp: 318307
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 20.6 16.3 24.5
108 20.5 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 135.496 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

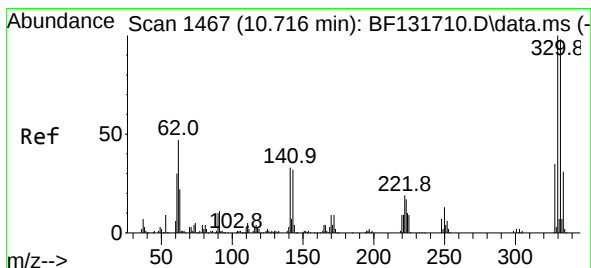
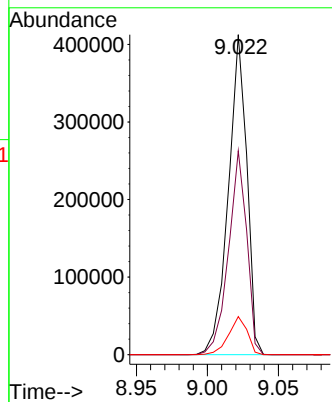
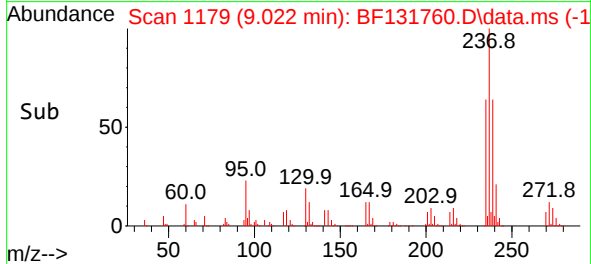
Instrument :
BNA_F
ClientSampleId :
C3MS



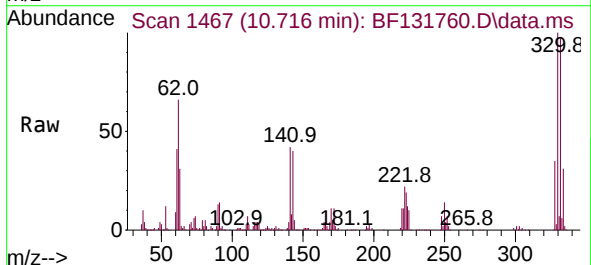
Tgt Ion:237 Resp: 373582
Ion Ratio Lower Upper
237 100
235 63.7 42.2 82.2
272 11.9 0.0 31.7

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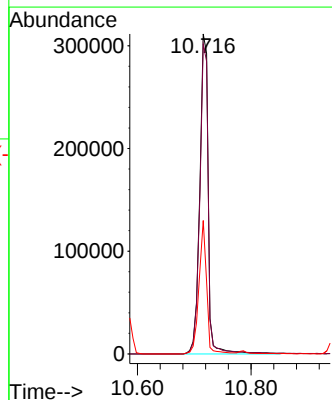
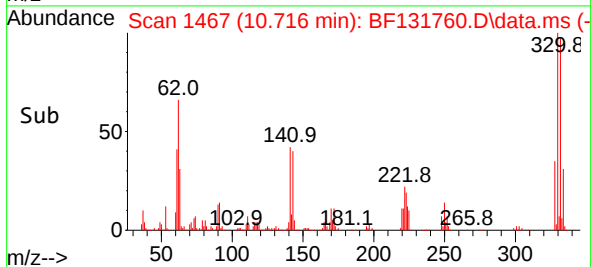
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

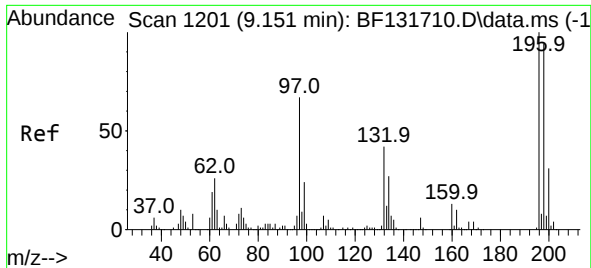


#42
2,4,6-Tribromophenol
Concen: 165.224 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



Tgt Ion:330 Resp: 321679
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 37.3 30.4 45.6





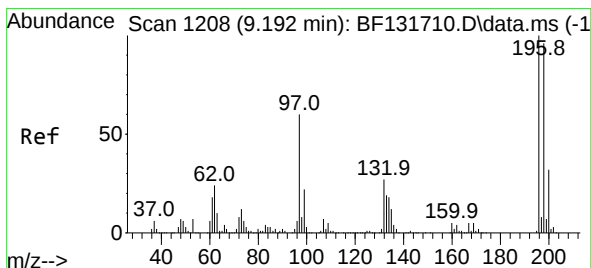
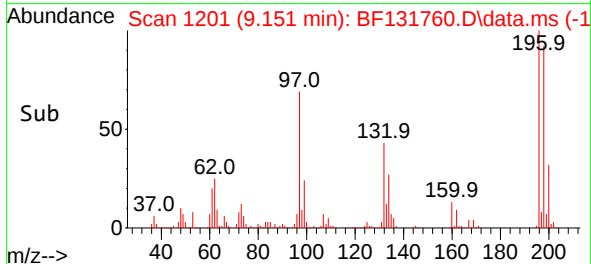
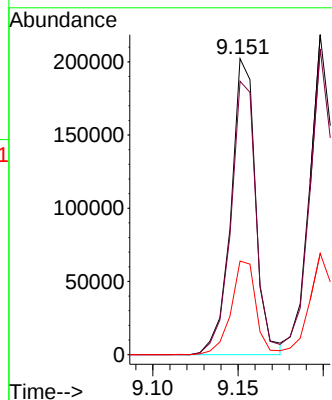
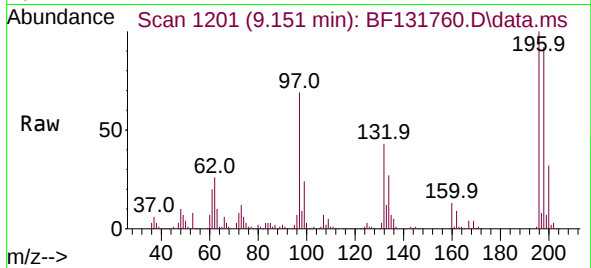
#43
2,4,6-Trichlorophenol
Concen: 51.021 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Instrument :
BNA_F
ClientSampleId :
C3MS

Tgt Ion:196 Resp: 202830
Ion Ratio Lower Upper
196 100
198 92.4 75.5 113.3
200 31.6 25.2 37.8

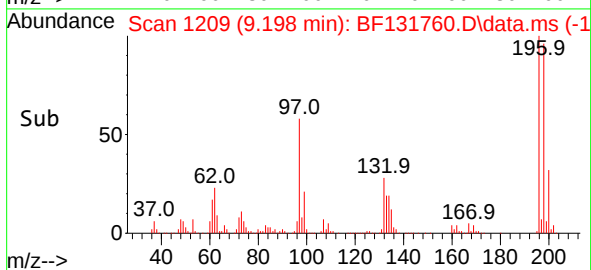
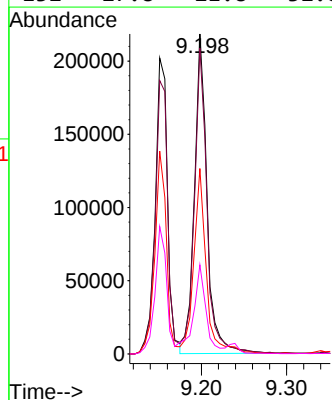
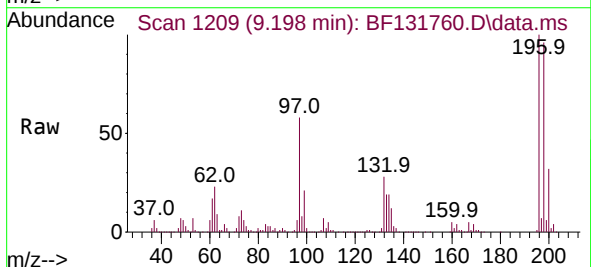
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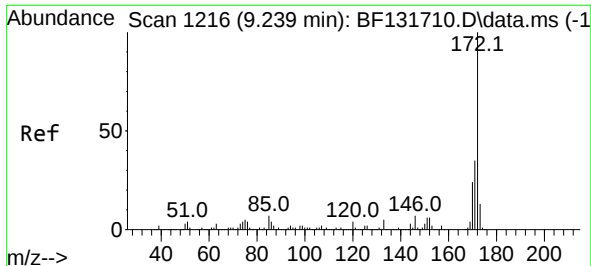
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#44
2,4,5-Trichlorophenol
Concen: 52.562 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

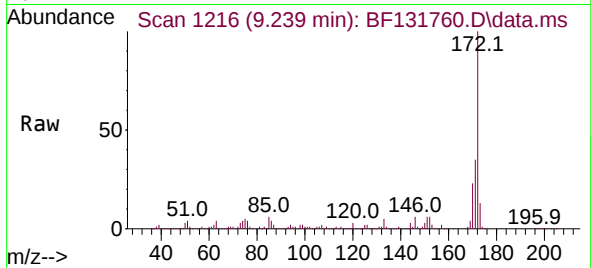
Tgt Ion:196 Resp: 226210
Ion Ratio Lower Upper
196 100
198 95.6 76.6 114.8
97 57.9 47.7 71.5
132 27.8 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 97.731 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

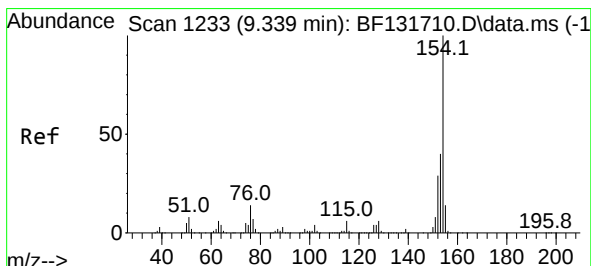
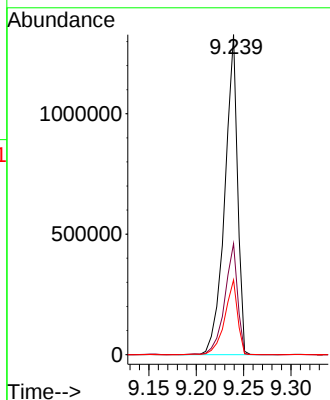
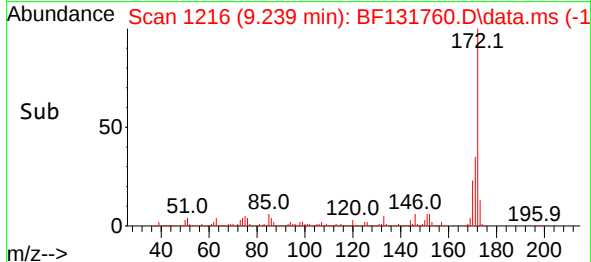
Instrument :
BNA_F
ClientSampleId :
C3MS



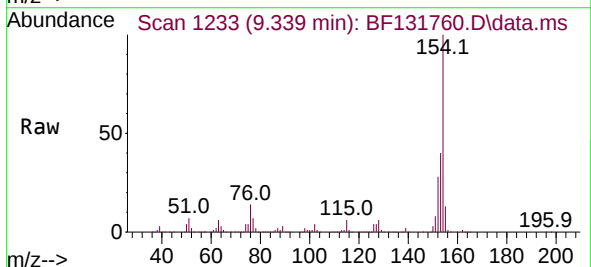
Tgt Ion:172 Resp: 1240986
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.3 19.0 28.4

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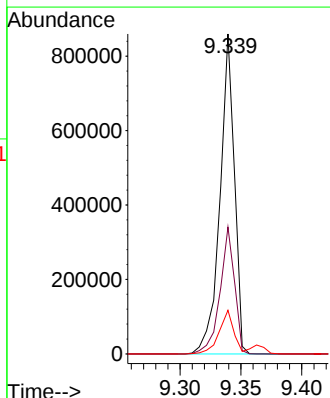
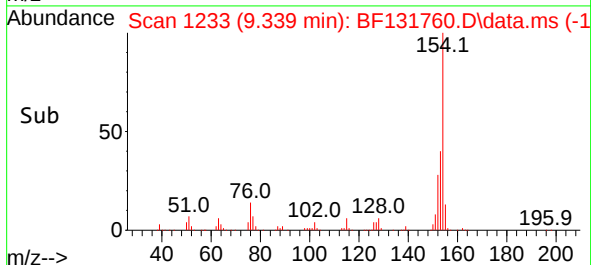
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

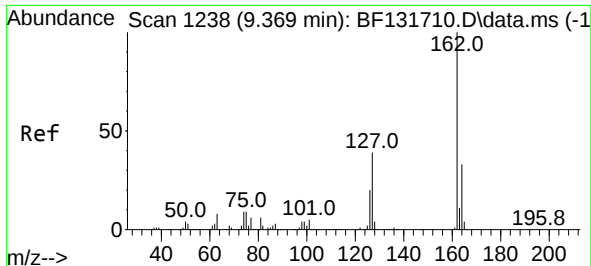


#46
1,1'-Biphenyl
Concen: 52.934 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



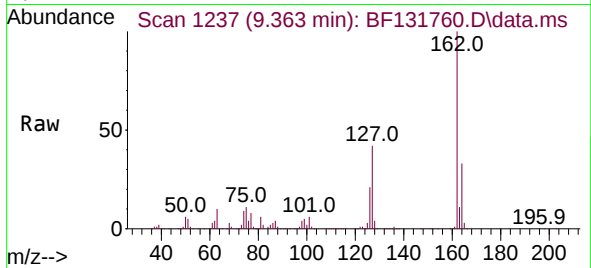
Tgt Ion:154 Resp: 708242
Ion Ratio Lower Upper
154 100
153 39.6 20.1 60.1
76 13.6 0.0 33.6





#47
2-Chloronaphthalene
Concen: 51.205 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

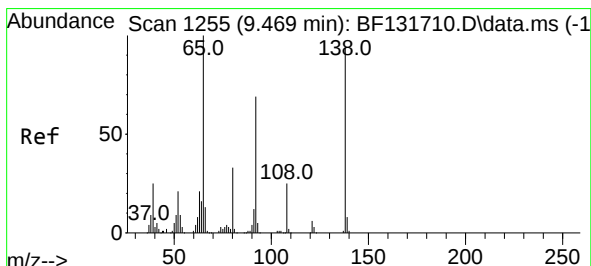
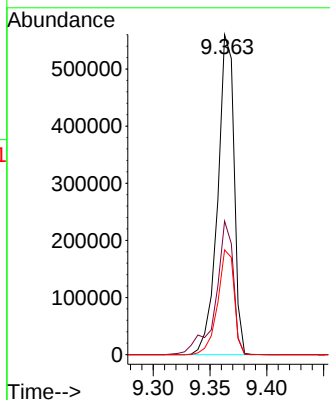
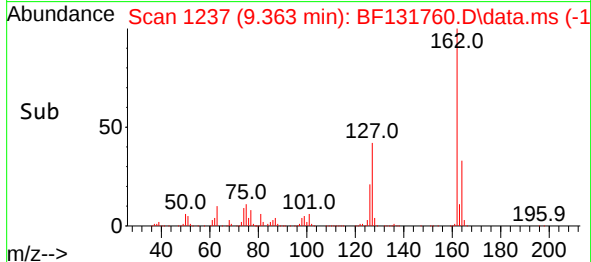
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:162 Resp: 561001
Ion Ratio Lower Upper
162 100
127 41.7 31.4 47.2
164 32.8 26.6 39.8

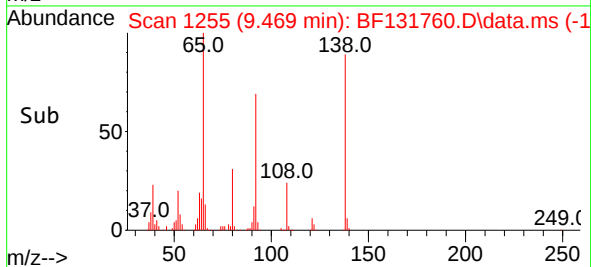
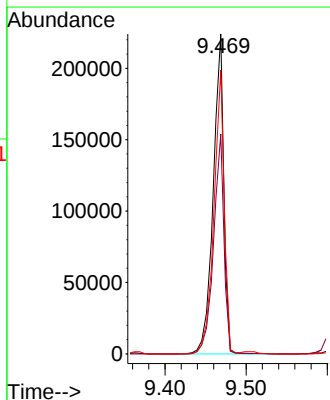
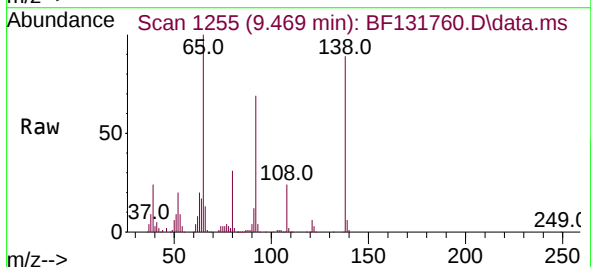
Manual Integrations
APPROVED

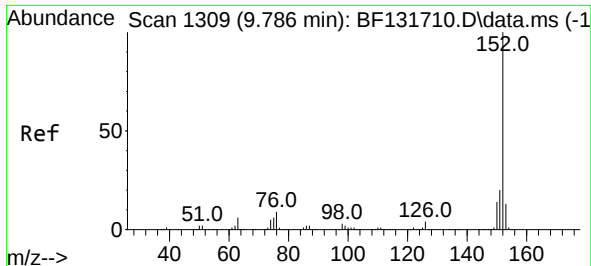
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#48
2-Nitroaniline
Concen: 51.440 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

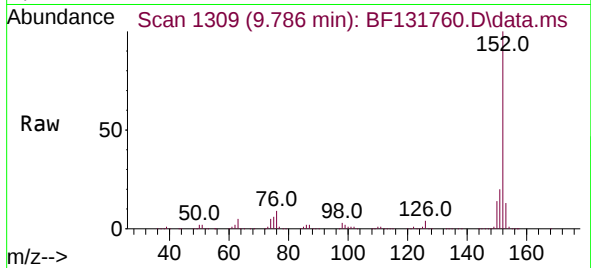
Tgt Ion: 65 Resp: 203130
Ion Ratio Lower Upper
65 100
92 68.7 55.5 83.3
138 88.7 74.8 112.2





#49
Acenaphthylene
Concen: 51.634 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

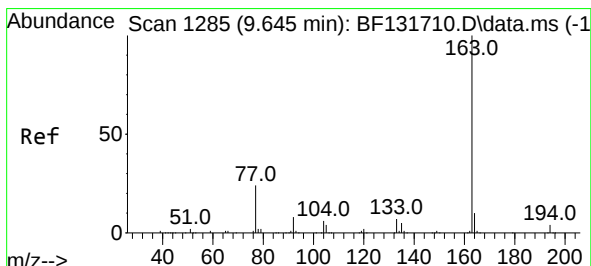
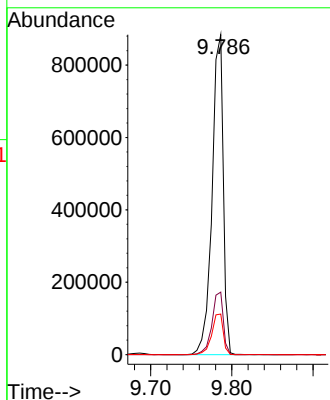
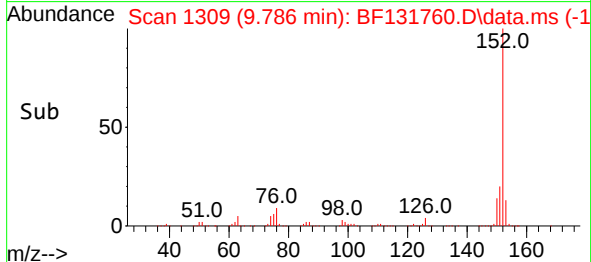
Instrument :
BNA_F
ClientSampleId :
C3MS



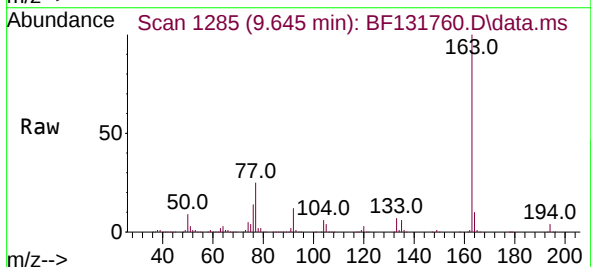
Tgt Ion:152 Resp: 848485
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.7 10.6 15.8

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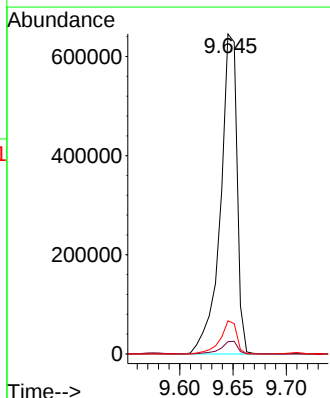
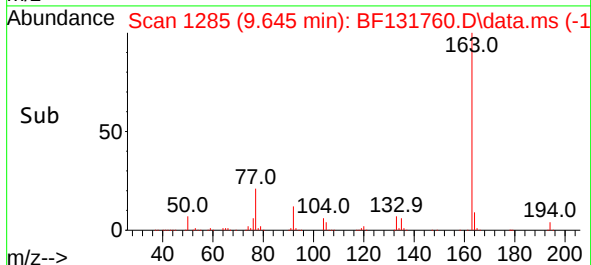
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

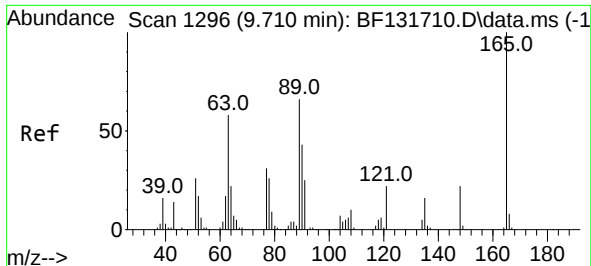


#50
Dimethylphthalate
Concen: 52.446 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



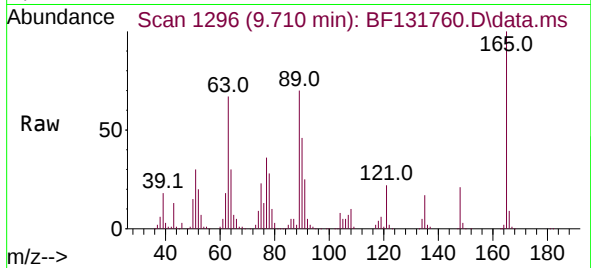
Tgt Ion:163 Resp: 701956
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 52.500 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

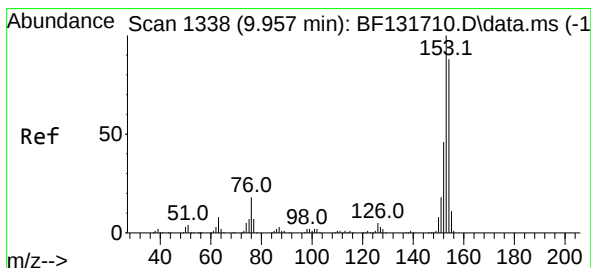
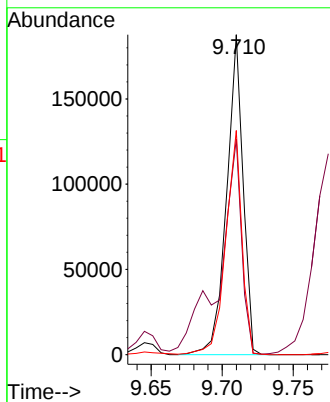
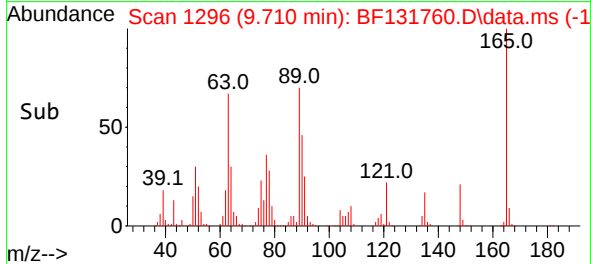
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:165 Resp: 151092
Ion Ratio Lower Upper
165 100
63 67.4 51.8 77.8
89 70.0 53.2 79.8

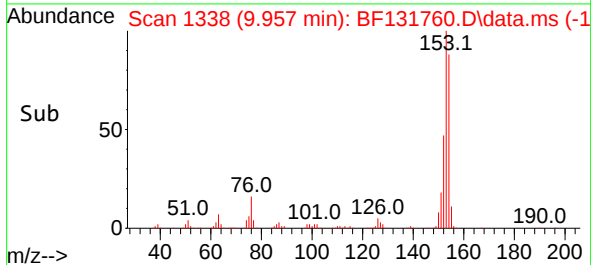
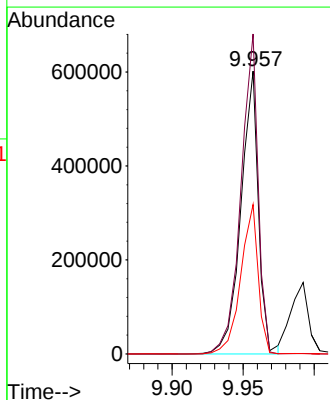
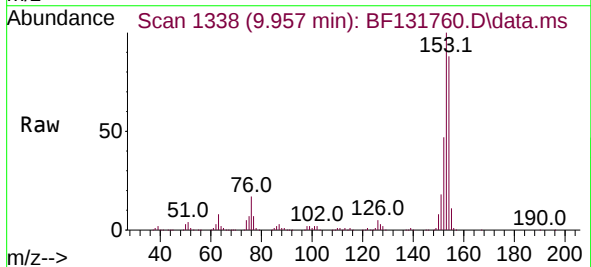
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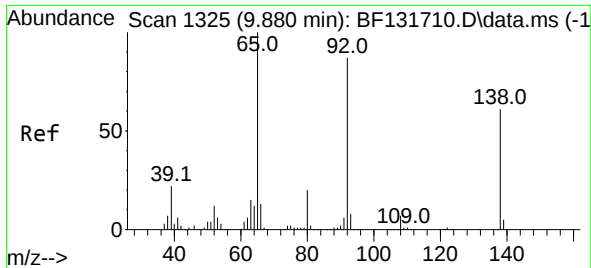
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#52
Acenaphthene
Concen: 51.254 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

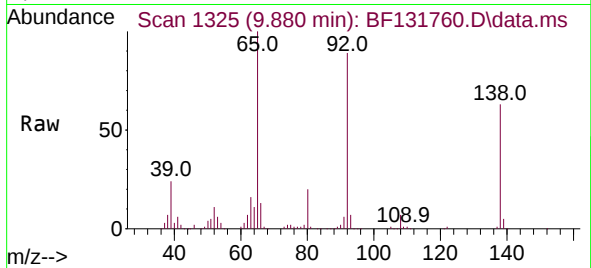
Tgt Ion:154 Resp: 515950
Ion Ratio Lower Upper
154 100
153 113.2 90.4 135.6
152 52.8 42.0 63.0





#53
3-Nitroaniline
Concen: 27.984 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

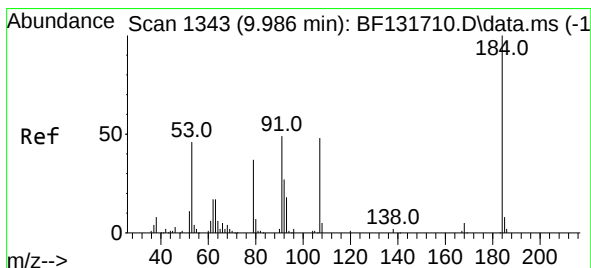
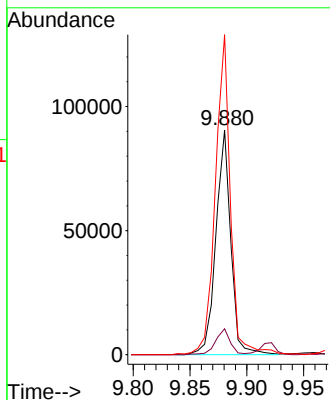
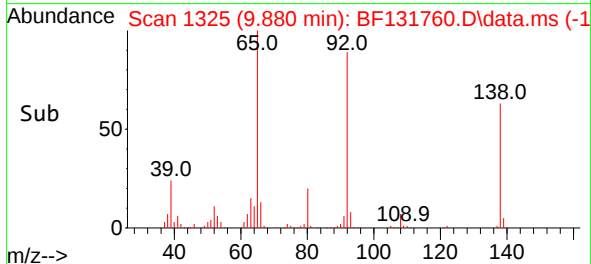
Instrument :
BNA_F
ClientSampleId :
C3MS



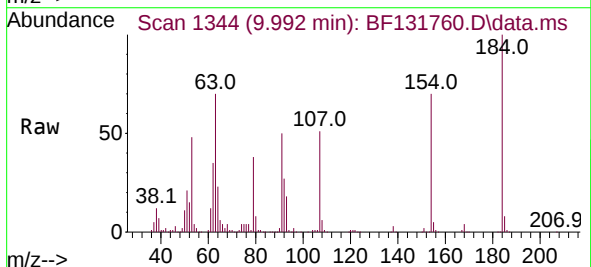
Tgt Ion:138 Resp: 82404
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 142.5 114.6 171.8

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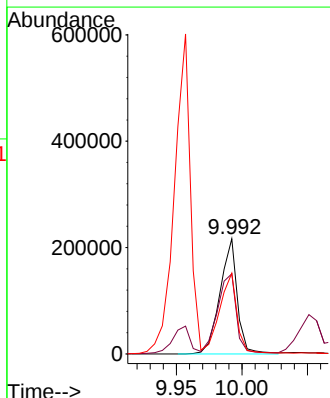
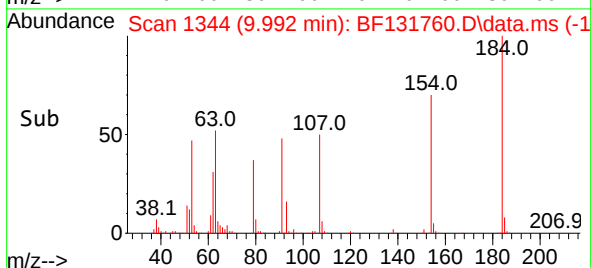
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

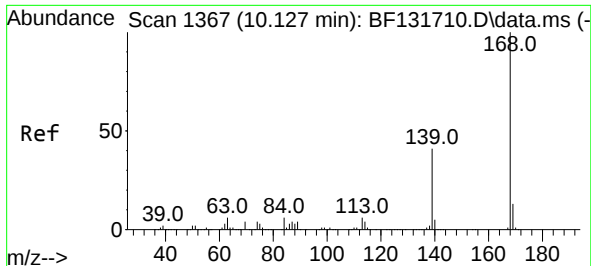


#54
2,4-Dinitrophenol
Concen: 115.507 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



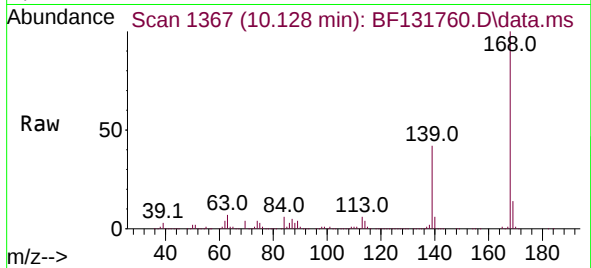
Tgt Ion:184 Resp: 199184
Ion Ratio Lower Upper
184 100
63 69.6 55.8 83.8
154 70.2 57.1 85.7





#55
Dibenzenofuran
Concen: 50.927 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

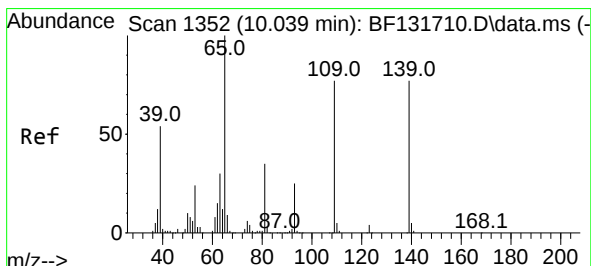
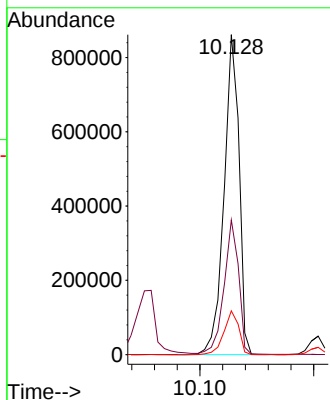
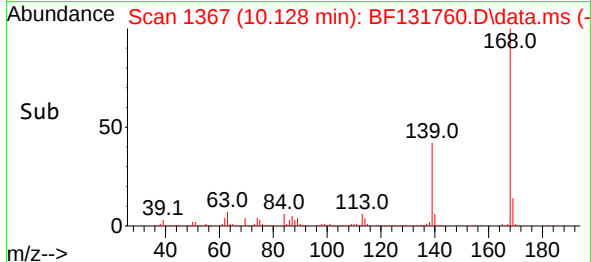
Instrument :
BNA_F
ClientSampleId :
C3MS



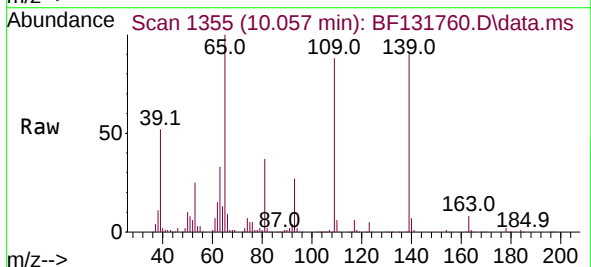
Tgt Ion:168 Resp: 786120
Ion Ratio Lower Upper
168 100
139 42.1 32.7 49.1
169 13.7 10.6 16.0

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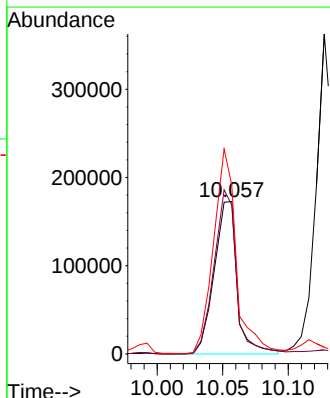
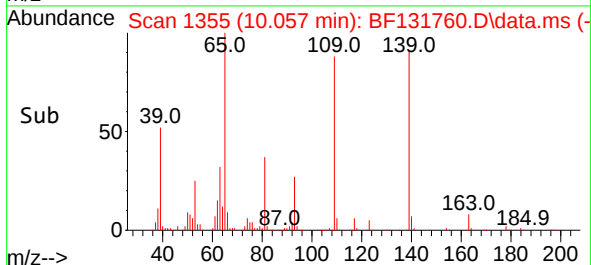
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

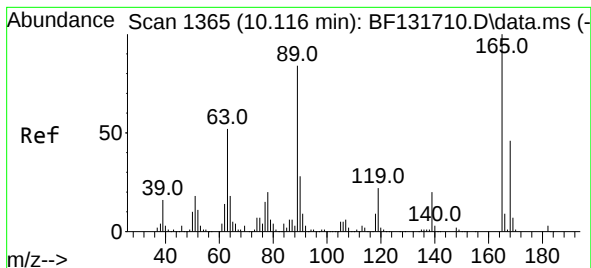


#56
4-Nitrophenol
Concen: 99.745 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.018 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



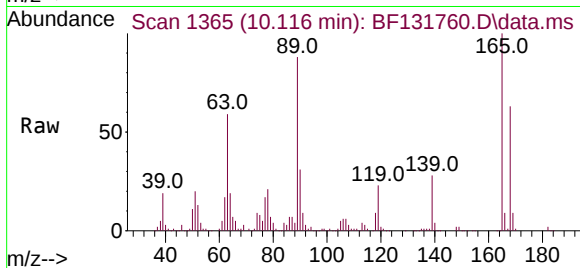
Tgt Ion:139 Resp: 210225
Ion Ratio Lower Upper
139 100
109 97.5 79.9 119.9
65 110.6 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 53.987 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

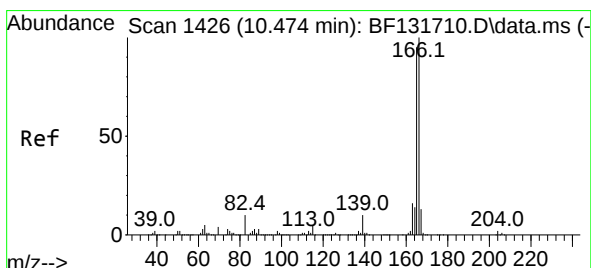
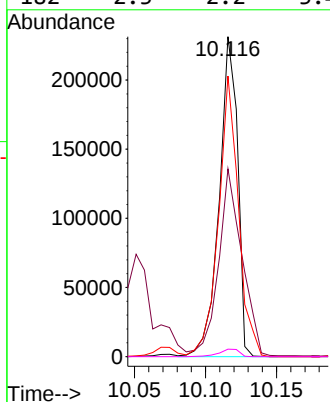
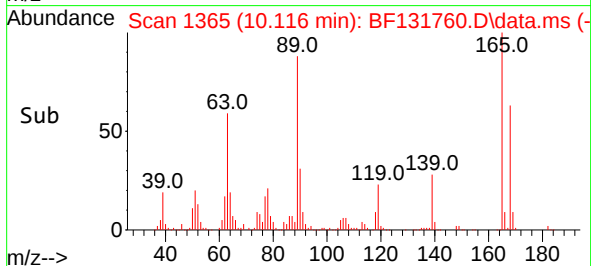
Instrument :
BNA_F
ClientSampleId :
C3MS



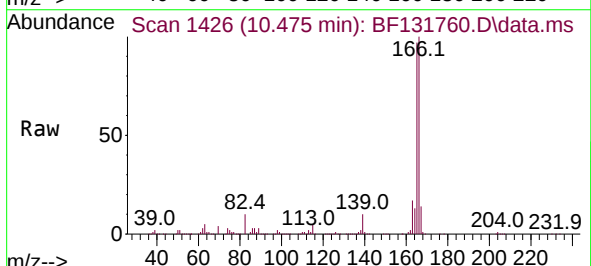
Tgt Ion:165 Resp: 208780
Ion Ratio Lower Upper
165 100
63 58.7 41.5 62.3
89 87.7 67.0 100.4
182 2.3 2.2 3.4

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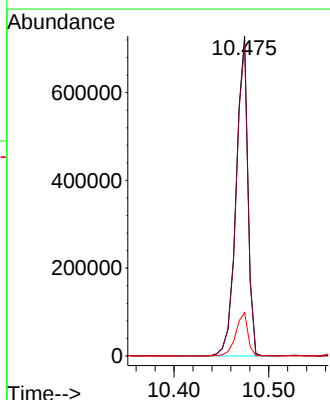
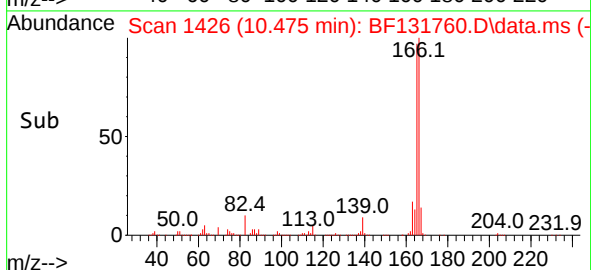
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

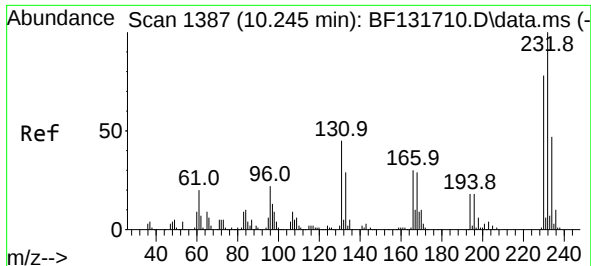


#58
Fluorene
Concen: 50.522 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



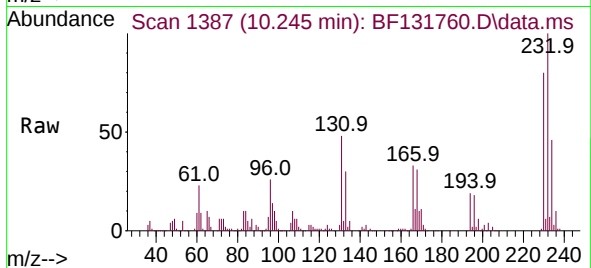
Tgt Ion:166 Resp: 630535
Ion Ratio Lower Upper
166 100
165 97.4 75.8 113.8
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.757 ng m
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

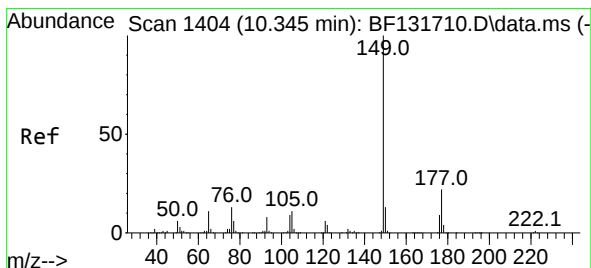
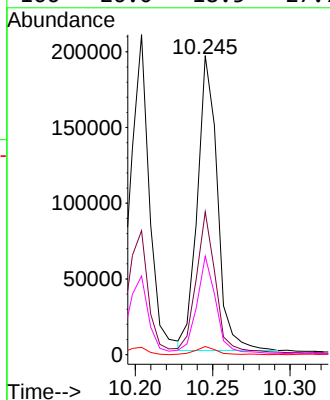
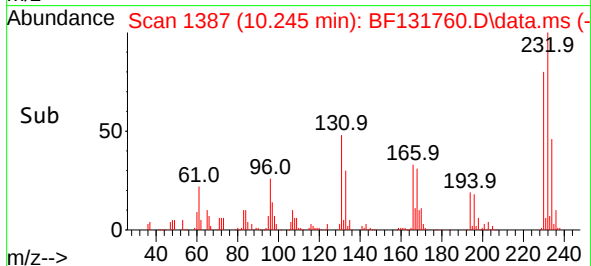
Instrument :
BNA_F
ClientSampleId :
C3MS



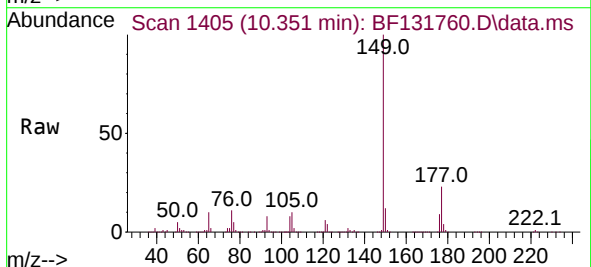
Tgt Ion:232 Resp: 175176
Ion Ratio Lower Upper
232 100
131 41.9 29.9 44.9
130 2.5 1.7 2.5
166 26.0 18.5 27.7

Manual Integrations
APPROVED

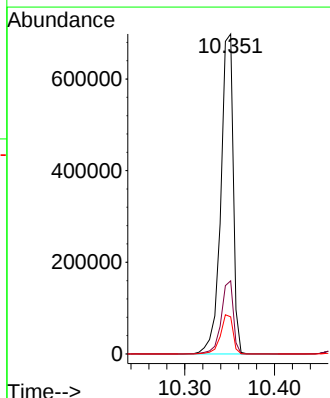
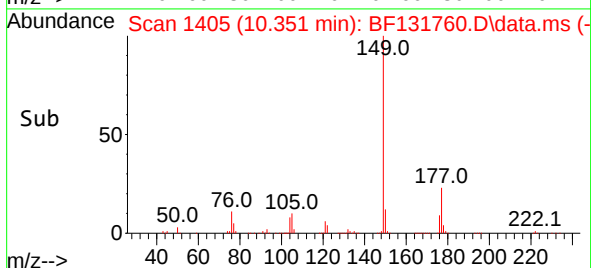
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

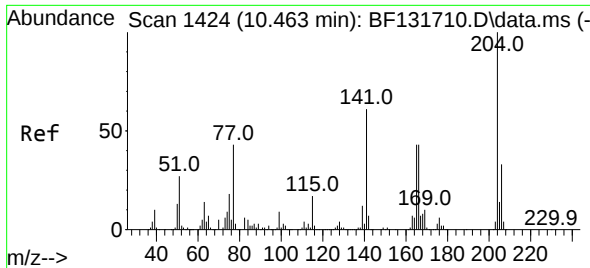


#60
Diethylphthalate
Concen: 51.976 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



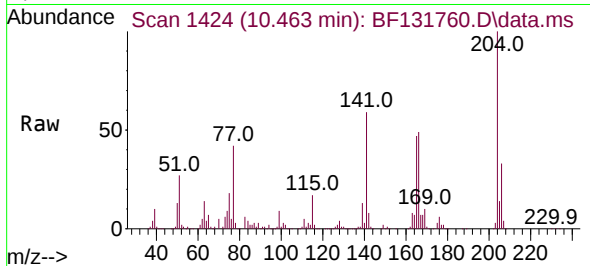
Tgt Ion:149 Resp: 670316
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.0
150 11.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.119 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

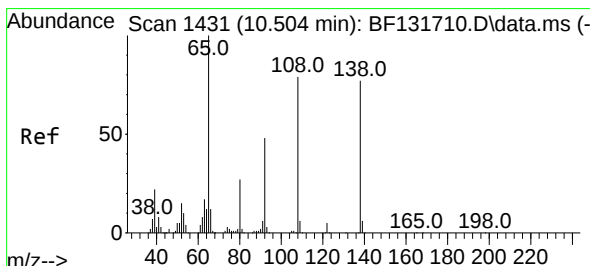
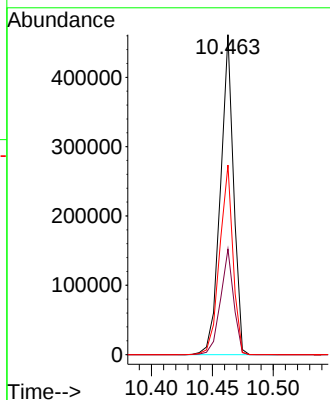
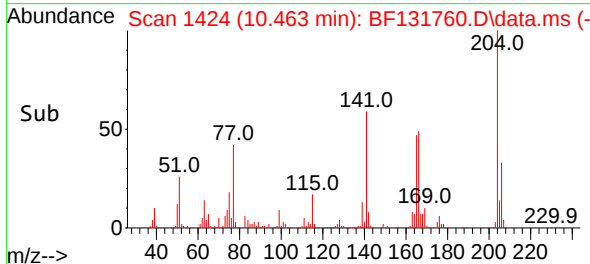
Instrument :
BNA_F
ClientSampleId :
C3MS



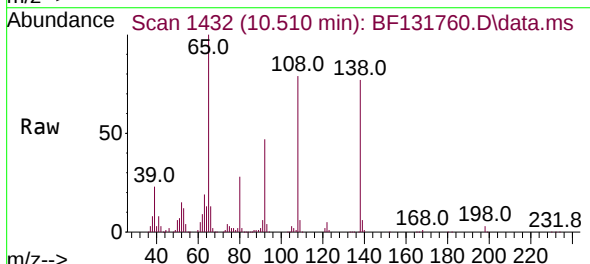
Tgt Ion:204 Resp: 345718
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 59.2 48.6 72.8

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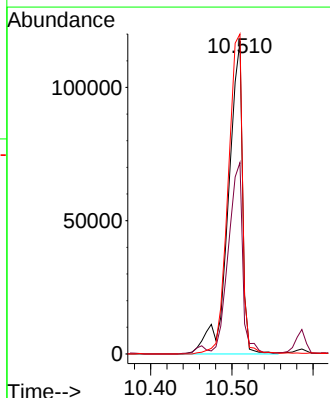
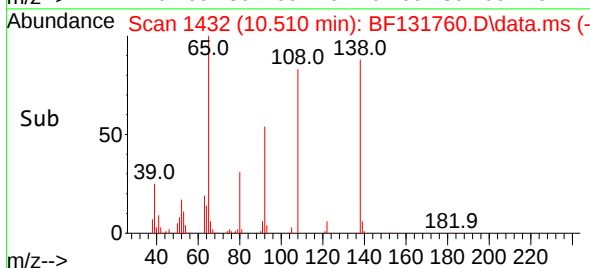
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

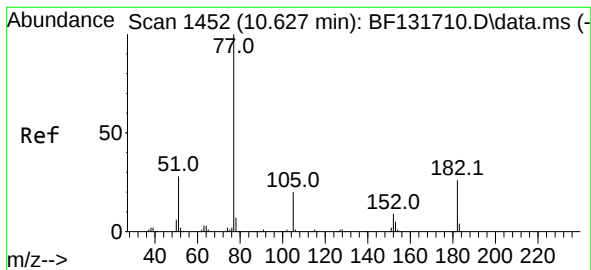


#62
4-Nitroaniline
Concen: 48.221 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



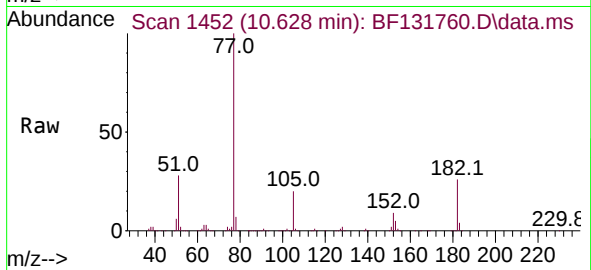
Tgt Ion:138 Resp: 142911
Ion Ratio Lower Upper
138 100
92 61.2 42.1 82.1
108 102.3 83.1 123.1





#63
Azobenzene
Concen: 51.459 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

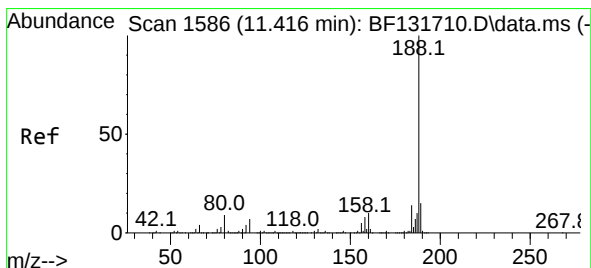
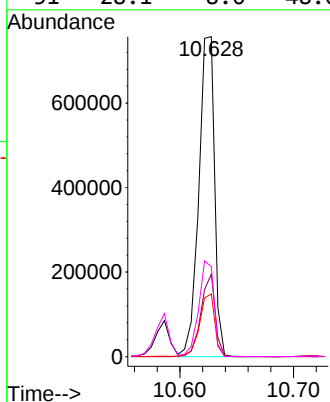
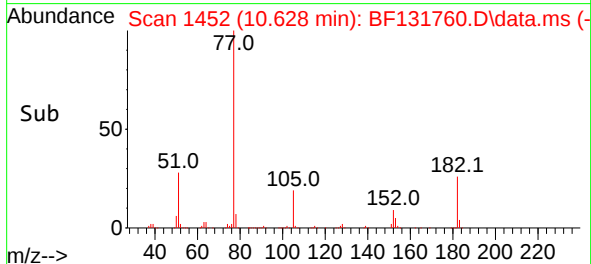
Instrument :
BNA_F
ClientSampleId :
C3MS



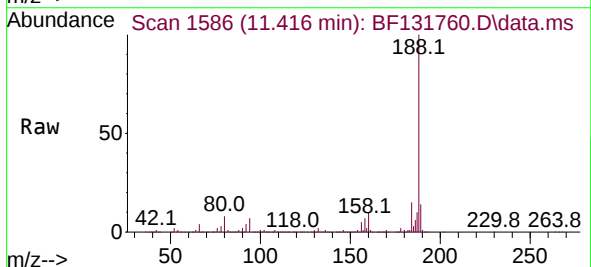
Tgt Ion: 77 Resp: 728772
Ion Ratio Lower Upper
77 100
182 25.8 5.8 45.8
105 19.6 0.0 39.7
51 28.1 8.0 48.0

Manual Integrations
APPROVED

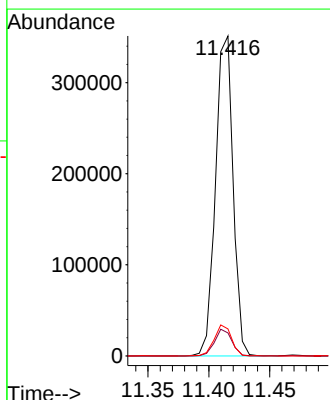
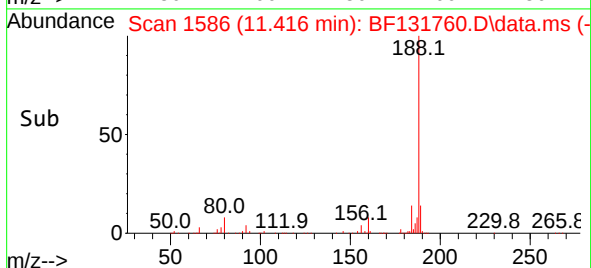
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

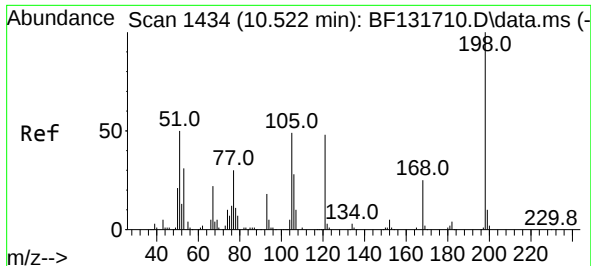


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



Tgt Ion:188 Resp: 353223
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.4 7.0 10.6





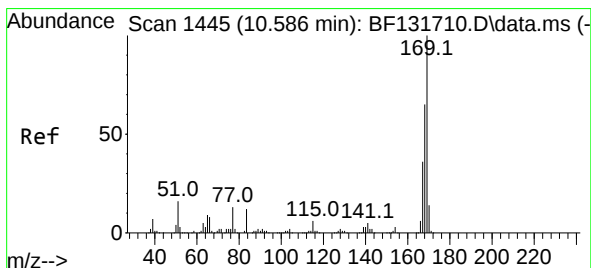
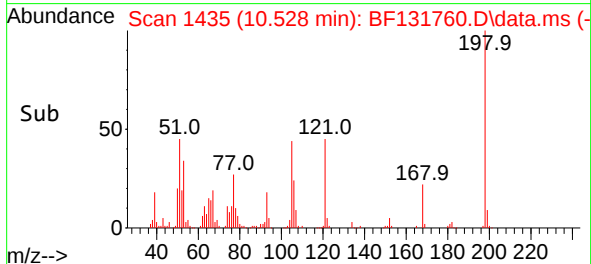
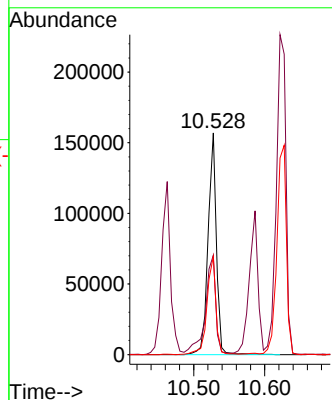
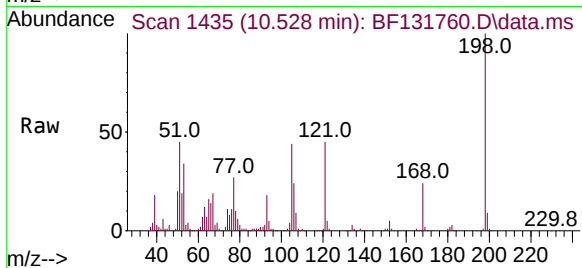
#65
4,6-Dinitro-2-methylphenol
Concen: 52.222 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Instrument :
BNA_F
ClientSampleId :
C3MS

Tgt Ion:198 Resp: 126642
Ion Ratio Lower Upper
198 100
51 44.8 34.1 74.1
105 44.3 29.7 69.7

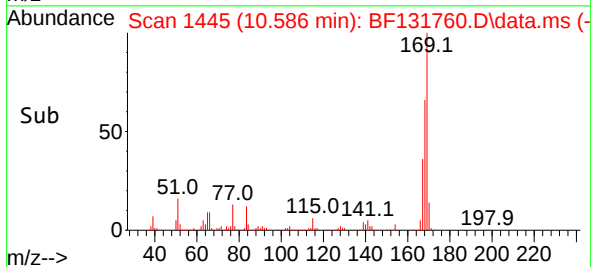
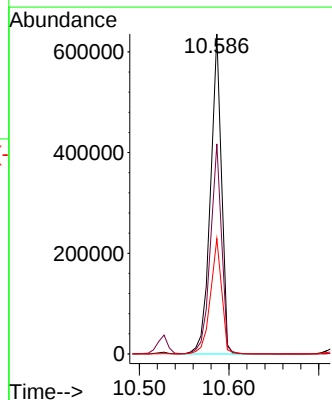
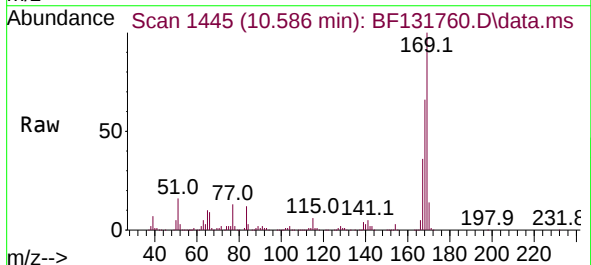
Manual Integrations
APPROVED

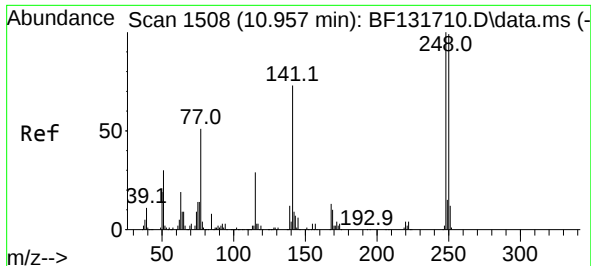
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#66
n-Nitrosodiphenylamine
Concen: 49.535 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

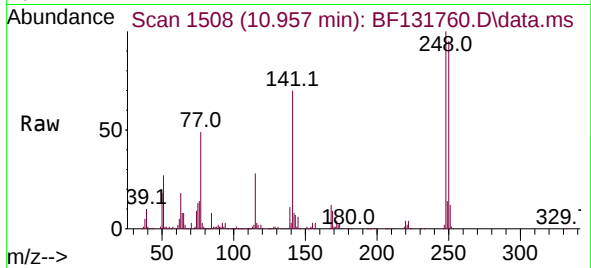
Tgt Ion:169 Resp: 542598
Ion Ratio Lower Upper
169 100
168 65.6 52.4 78.6
167 36.0 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 50.557 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

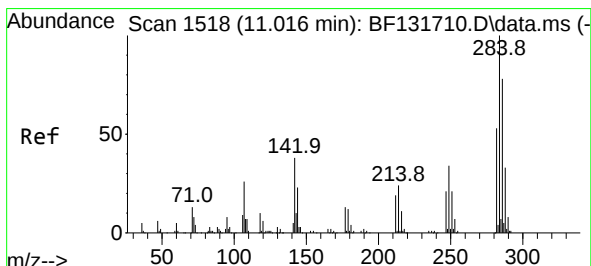
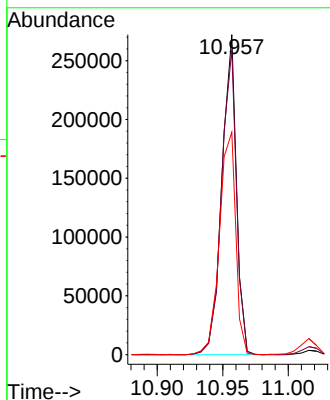
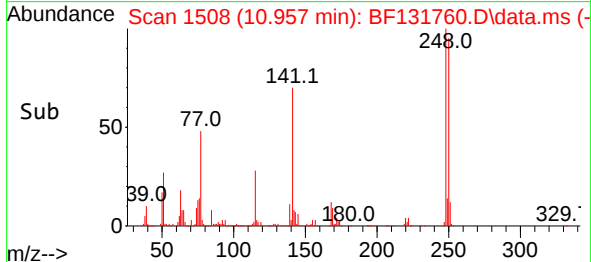
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:248 Resp: 210916
Ion Ratio Lower Upper
248 100
250 95.3 79.4 119.0
141 69.5 58.1 87.1

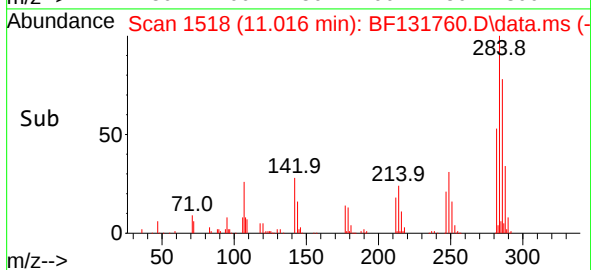
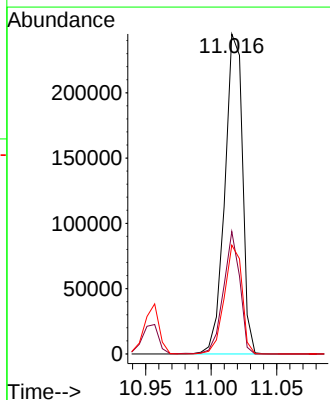
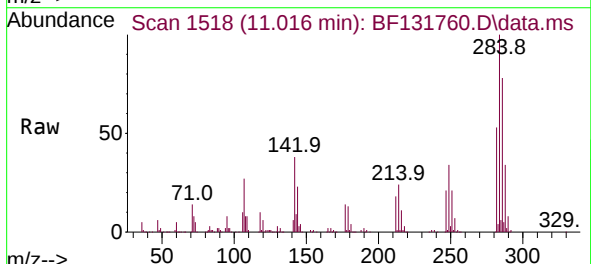
Manual Integrations
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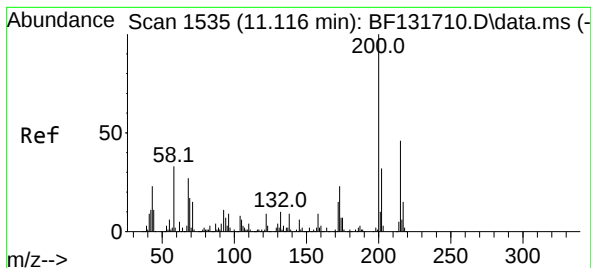
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#68
Hexachlorobenzene
Concen: 50.214 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:284 Resp: 230393
Ion Ratio Lower Upper
284 100
142 38.3 30.2 45.4
249 34.0 27.2 40.8





#69

Atrazine

Concen: 55.018 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

Tgt Ion:200 Resp: 200890

Ion Ratio Lower Upper

200 100

173 24.5 2.7 42.7

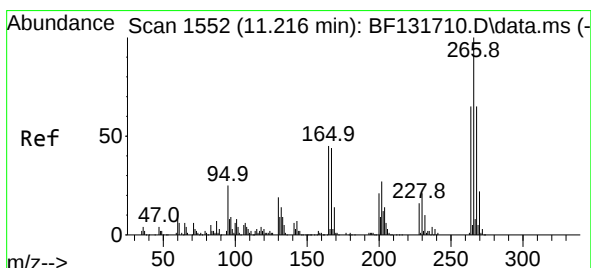
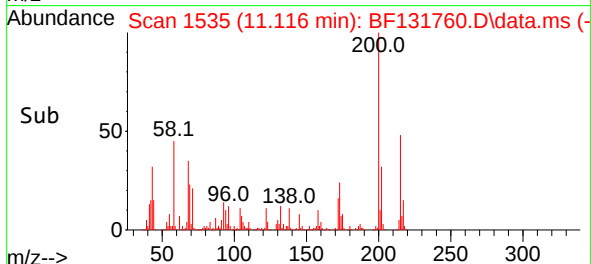
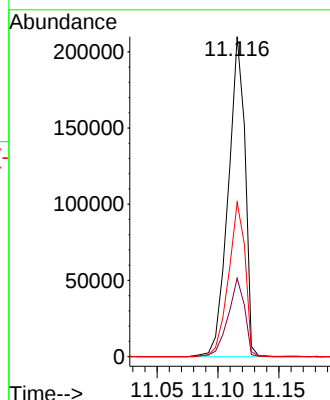
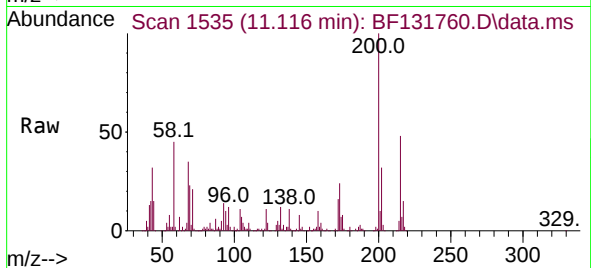
215 48.2 26.4 66.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#70

Pentachlorophenol

Concen: 112.641 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

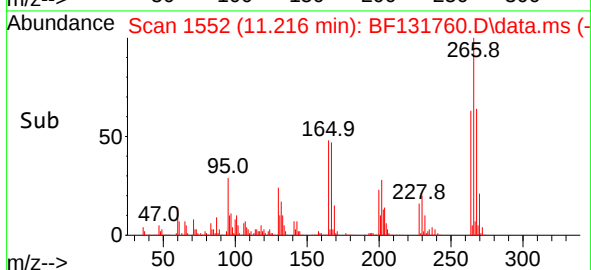
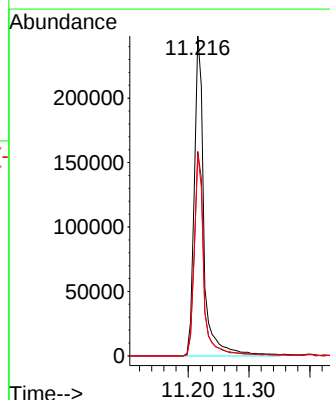
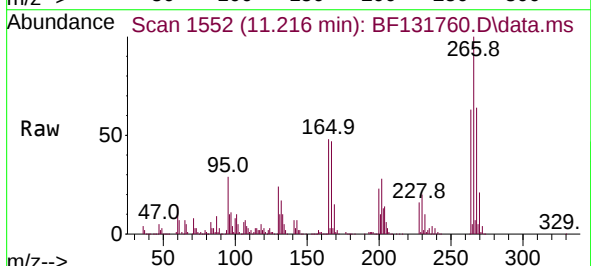
Tgt Ion:266 Resp: 274303

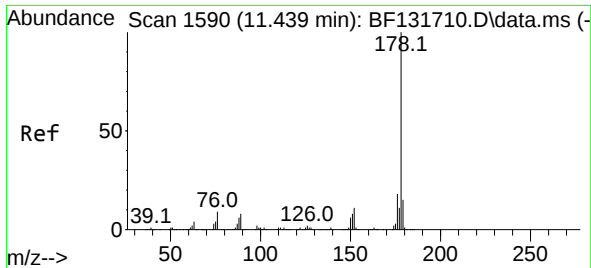
Ion Ratio Lower Upper

266 100

268 63.9 52.2 78.4

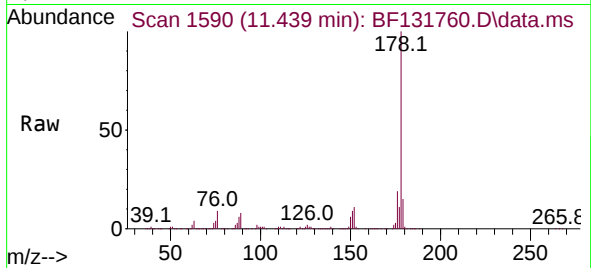
264 63.0 52.0 78.0





#71
Phenanthrene
Concen: 49.238 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

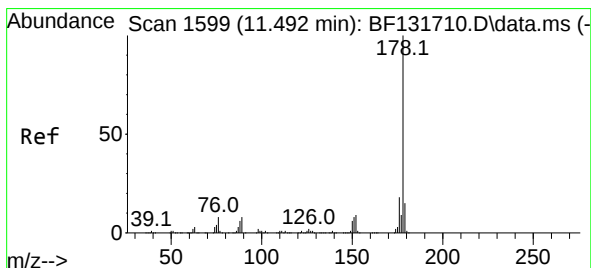
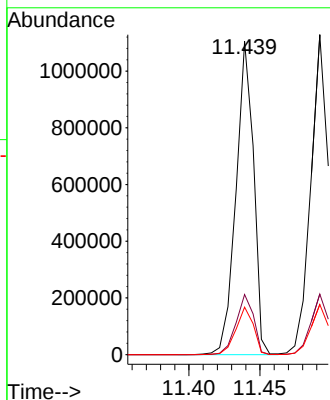
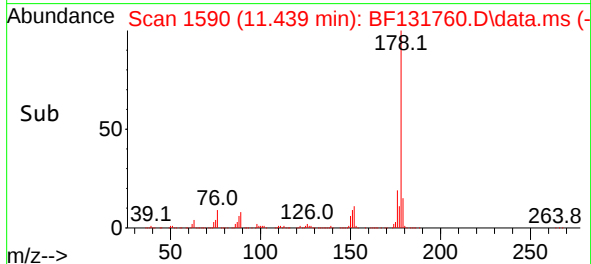
Instrument :
BNA_F
ClientSampleId :
C3MS



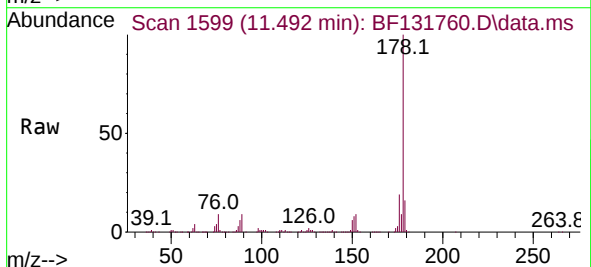
Tgt Ion:178 Resp: 948358
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 15.2 12.2 18.4

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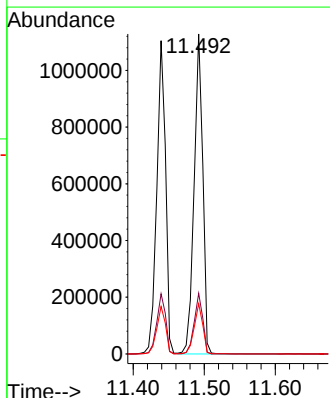
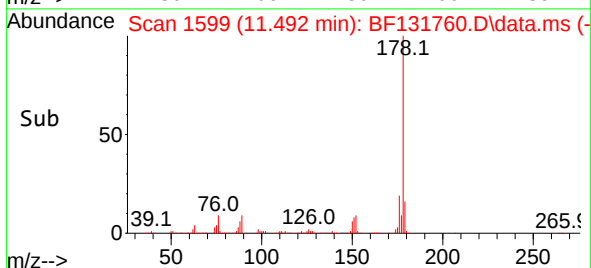
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

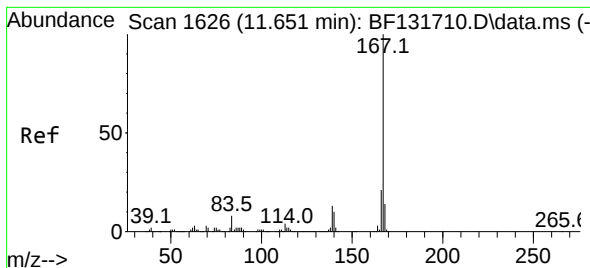


#72
Anthracene
Concen: 50.683 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



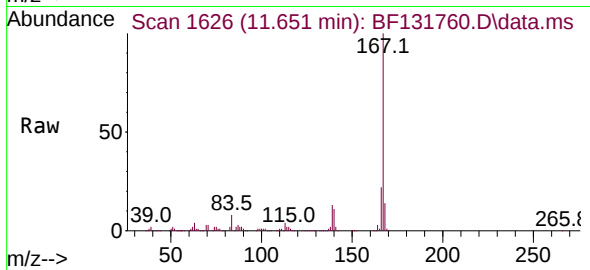
Tgt Ion:178 Resp: 955823
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 50.664 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

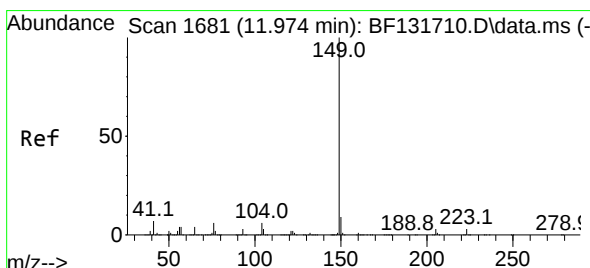
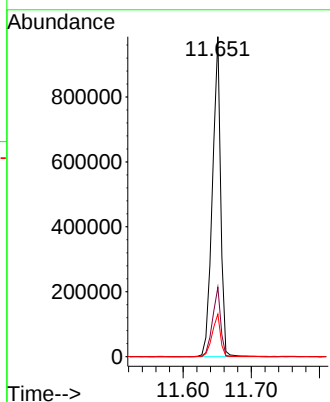
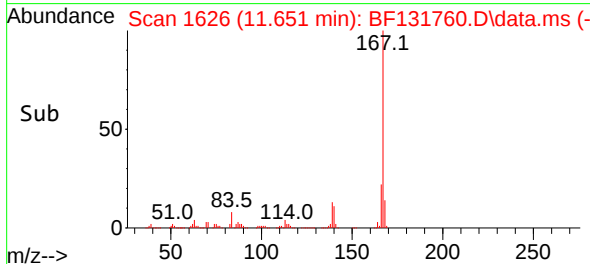
Instrument :
 BNA_F
 ClientSampleId :
 C3MS



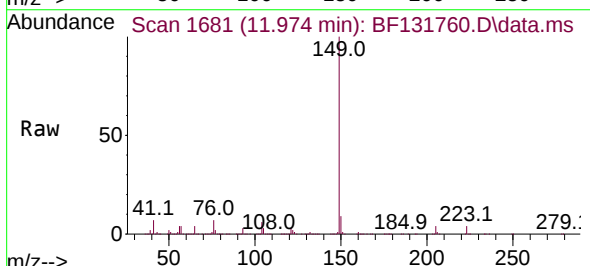
Tgt Ion:167 Resp: 826637
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.3 10.5 15.7

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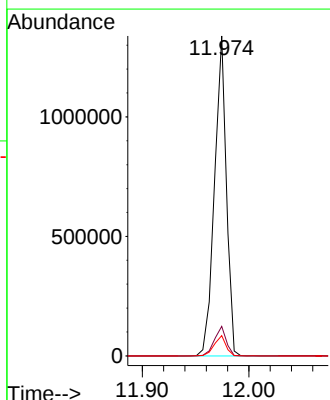
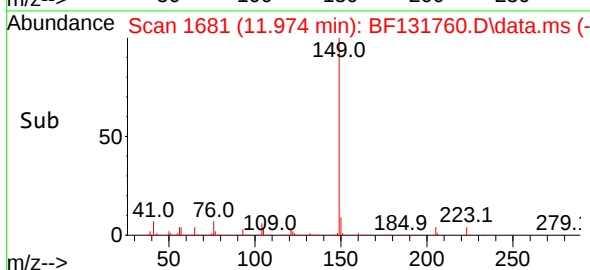
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

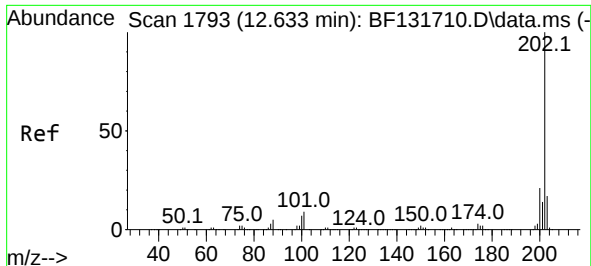


#74
 Di-n-butylphthalate
 Concen: 51.225 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03



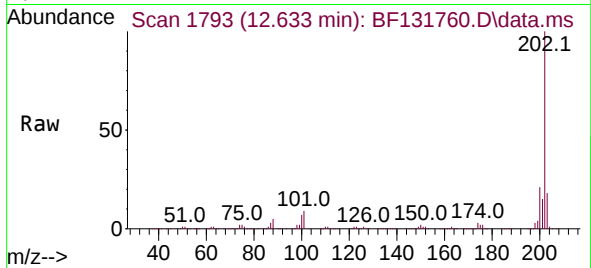
Tgt Ion:149 Resp: 1040723
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.3 5.0 7.4





#75
Fluoranthene
Concen: 48.837 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

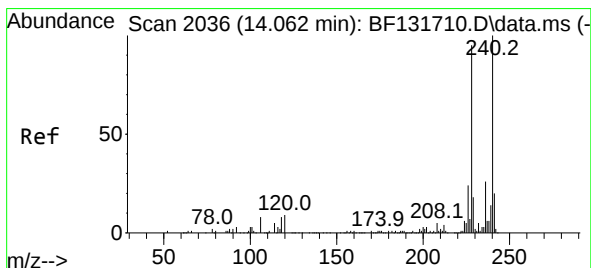
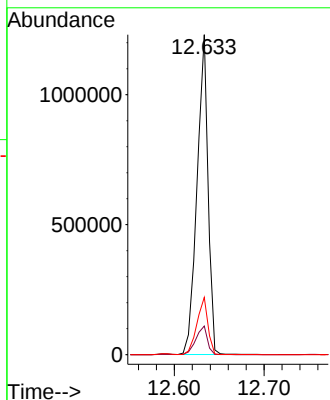
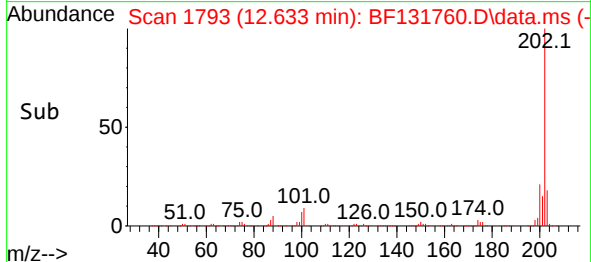
Instrument :
BNA_F
ClientSampleId :
C3MS



Tgt Ion:202 Resp: 1047586
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 17.9 0.0 37.1

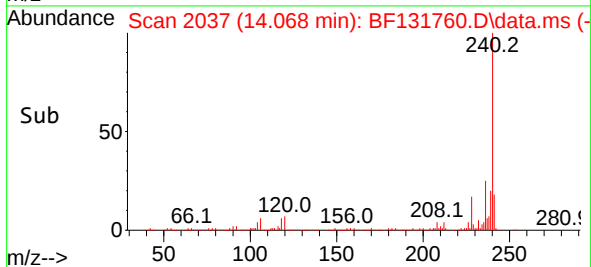
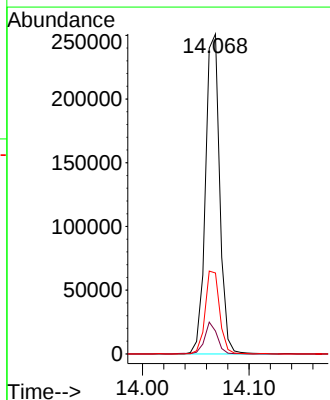
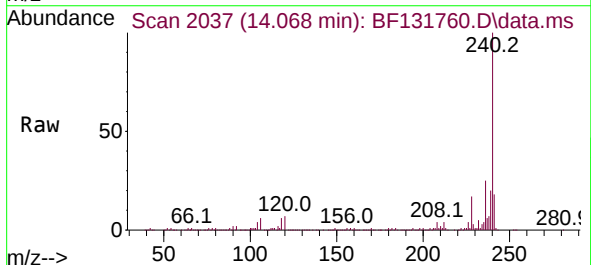
Manual Integrations
APPROVED

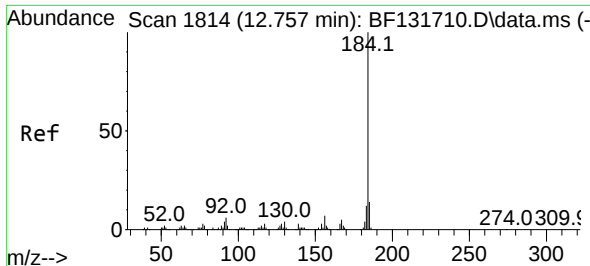
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

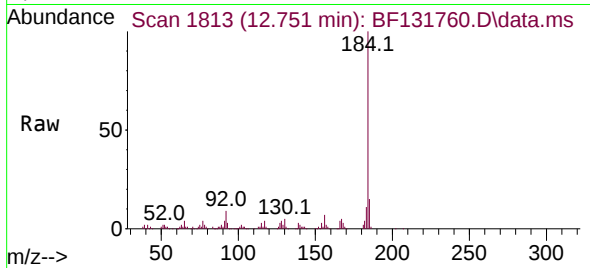
Tgt Ion:240 Resp: 231861
Ion Ratio Lower Upper
240 100
120 7.1 7.6 11.4#
236 25.3 21.2 31.8





#77
Benzidine
Concen: 29.609 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

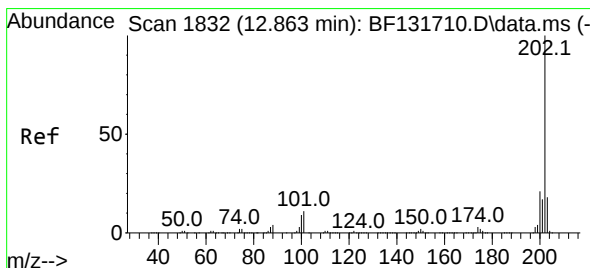
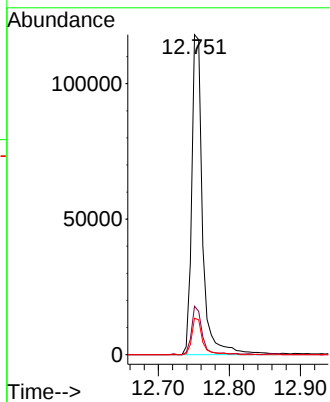
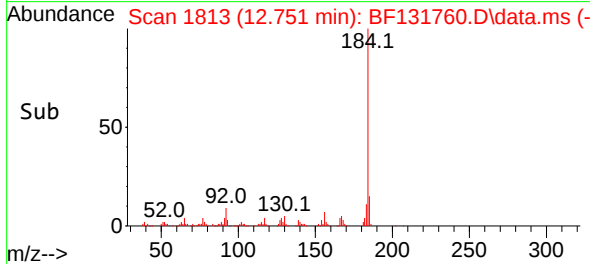
Instrument :
BNA_F
ClientSampleId :
C3MS



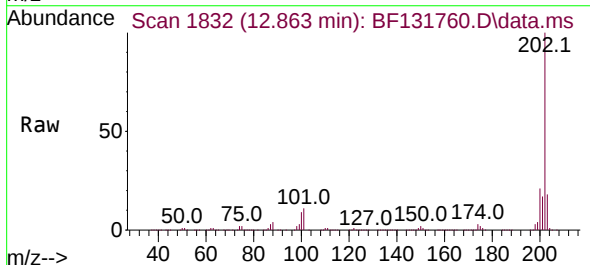
Tgt Ion:184 Resp: 125885
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 11.4 9.3 13.9

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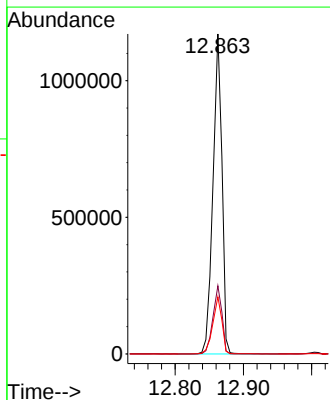
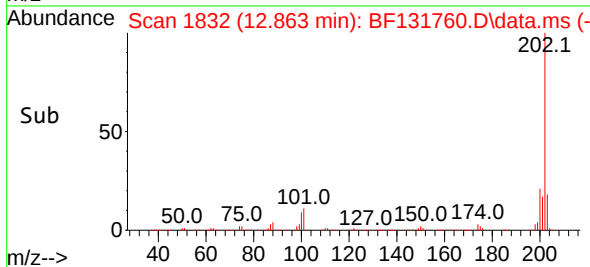
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

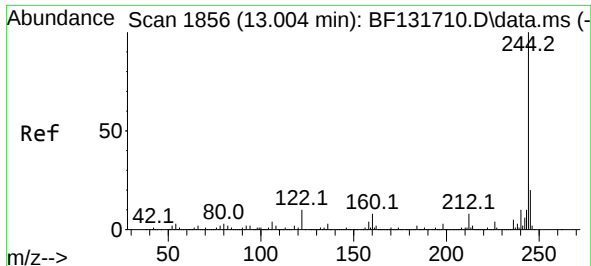


#78
Pyrene
Concen: 50.687 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



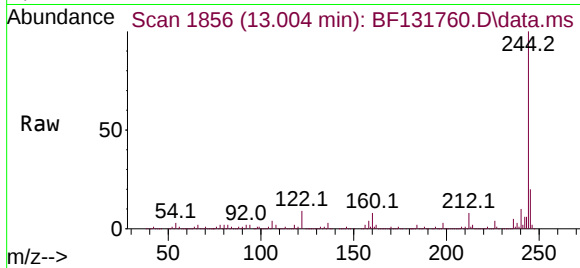
Tgt Ion:202 Resp: 1068517
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 103.146 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

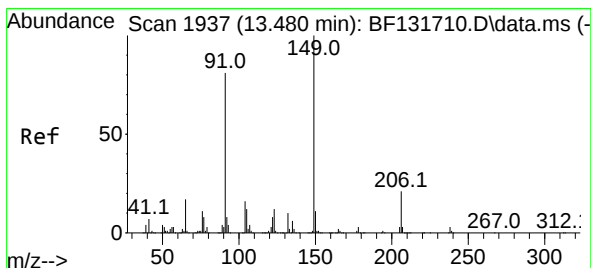
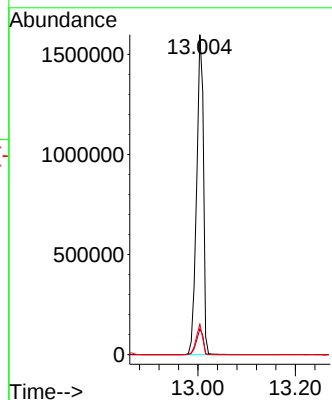
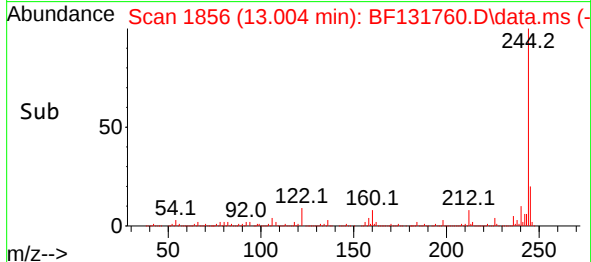
Instrument :
 BNA_F
 ClientSampleId :
 C3MS



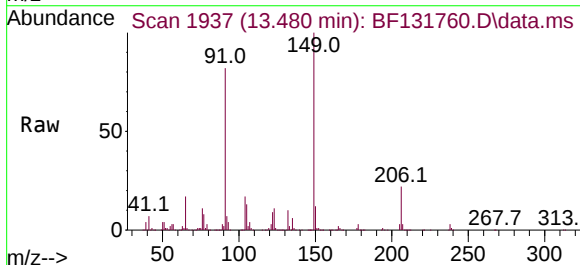
Tgt Ion:244 Resp: 1534504
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.5 7.7 11.5

Manual Integrations
 APPROVED

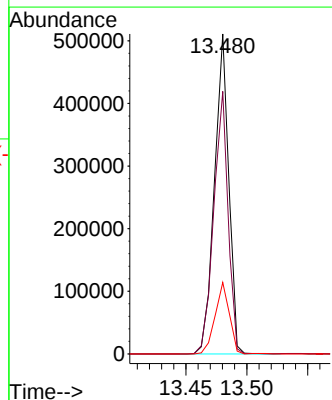
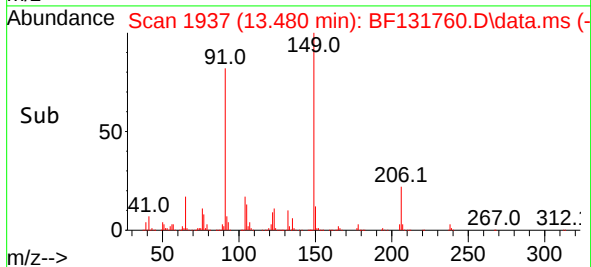
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

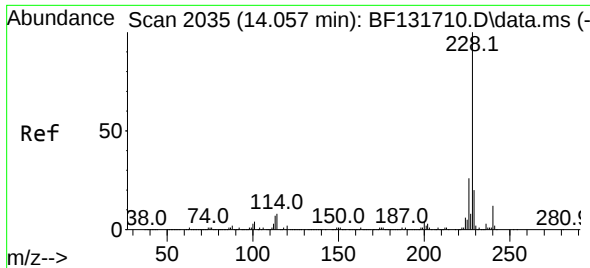


#80
 Butylbenzylphthalate
 Concen: 56.087 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03



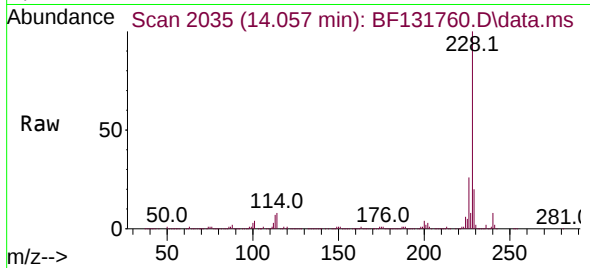
Tgt Ion:149 Resp: 417010
 Ion Ratio Lower Upper
 149 100
 91 82.0 64.9 97.3
 206 22.3 17.0 25.4





#81
Benzo(a)anthracene
Concen: 51.769 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

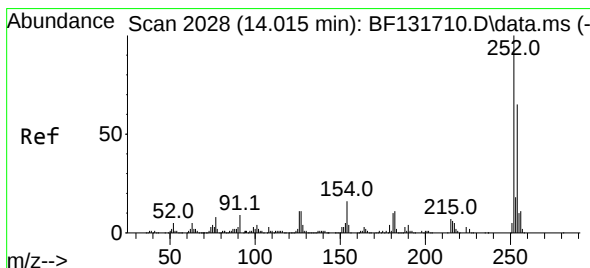
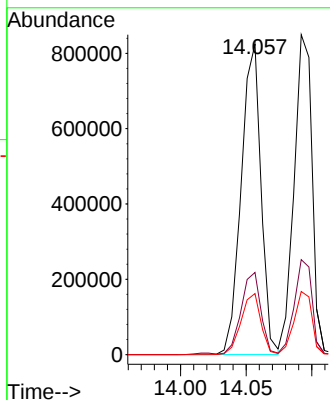
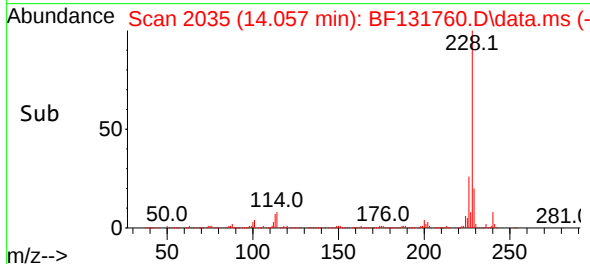
Instrument :
BNA_F
ClientSampleId :
C3MS



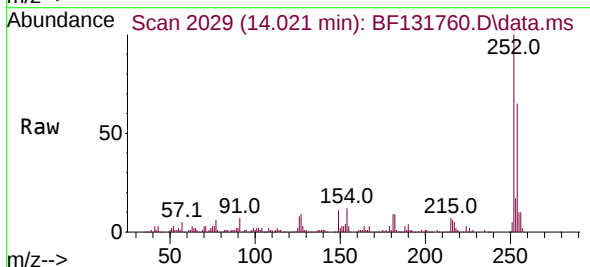
Tgt Ion:228 Resp: 864487
Ion Ratio Lower Upper
228 100
226 26.5 21.0 31.4
229 19.7 15.8 23.8

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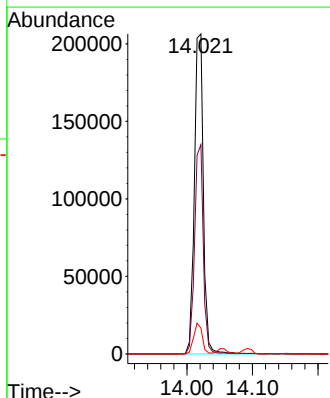
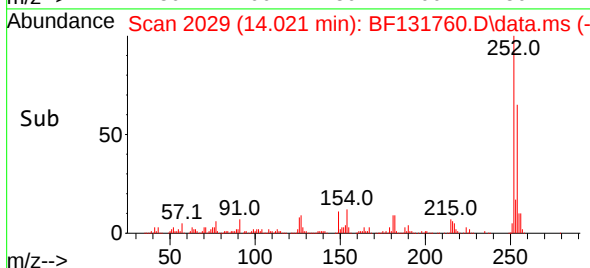
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

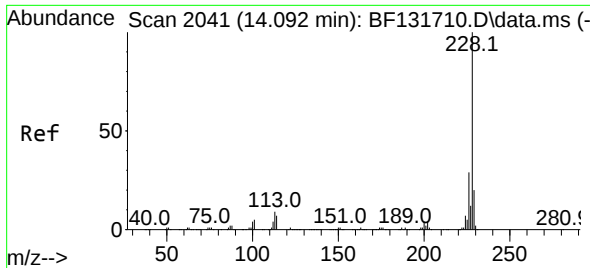


#82
3,3'-Dichlorobenzidine
Concen: 42.153 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



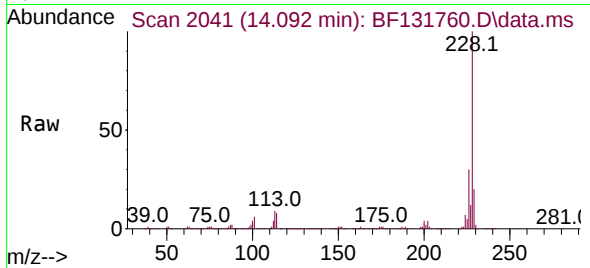
Tgt Ion:252 Resp: 196527
Ion Ratio Lower Upper
252 100
254 65.4 52.1 78.1
126 8.1 8.4 12.6





#83
Chrysene
Concen: 51.733 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

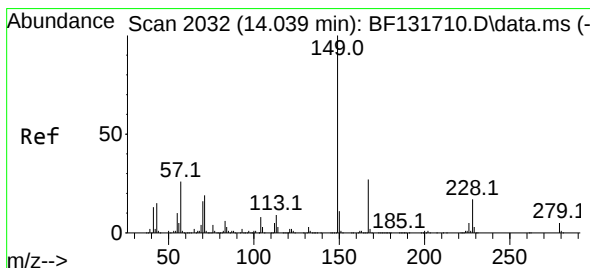
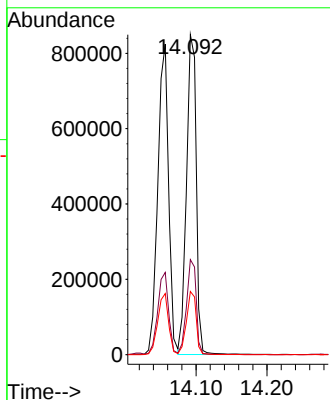
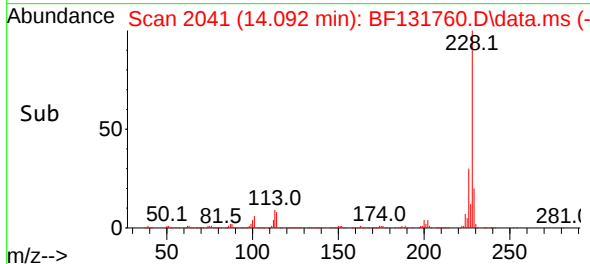
Instrument :
BNA_F
ClientSampleId :
C3MS



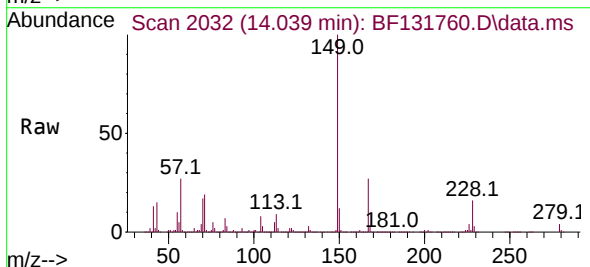
Tgt Ion:228 Resp: 815369
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 19.7 15.6 23.4

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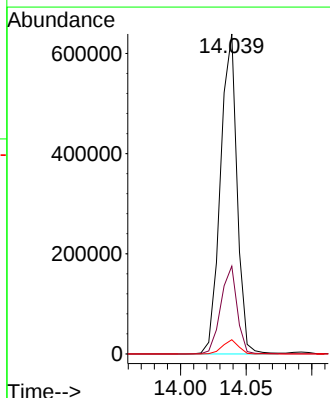
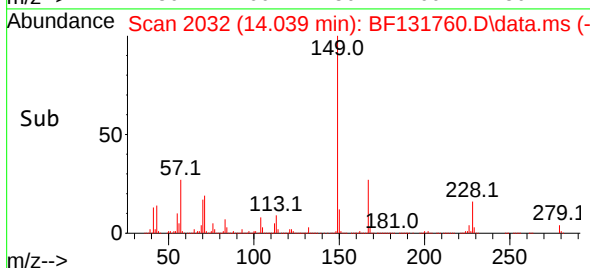
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

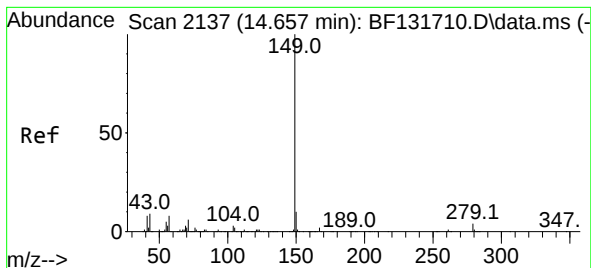


#84
Bis(2-ethylhexyl)phthalate
Concen: 63.828 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



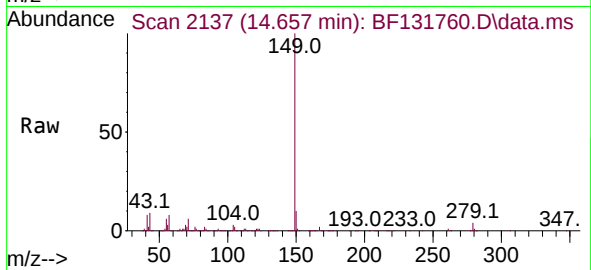
Tgt Ion:149 Resp: 565883
Ion Ratio Lower Upper
149 100
167 27.4 21.7 32.5
279 4.4 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 68.678 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

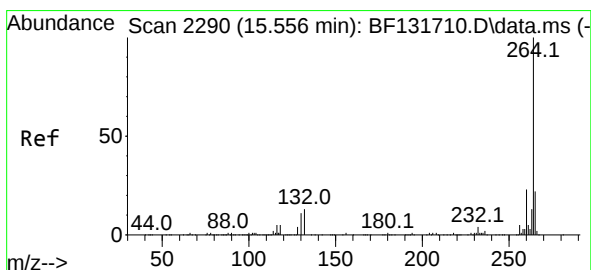
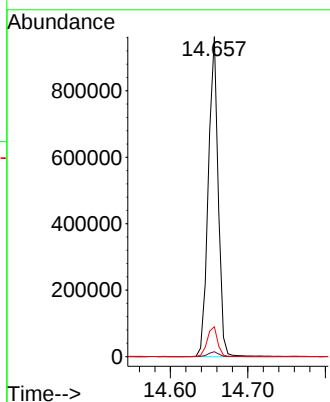
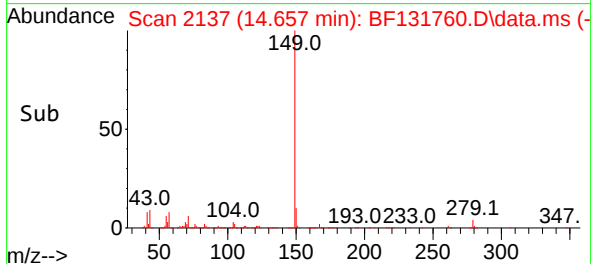
Instrument :
BNA_F
ClientSampleId :
C3MS



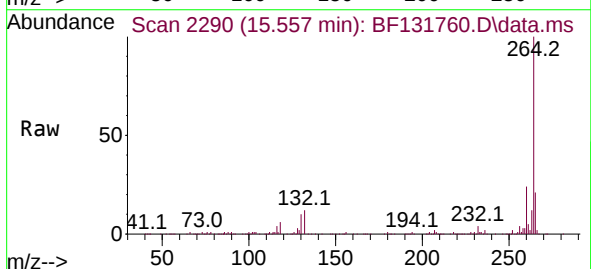
Tgt Ion:149 Resp: 849939
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.7 8.3 12.5

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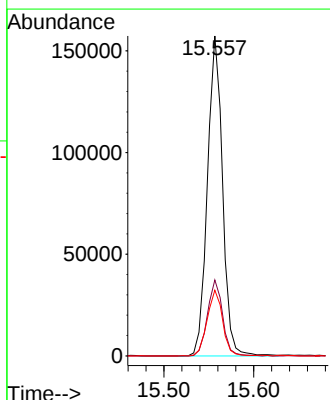
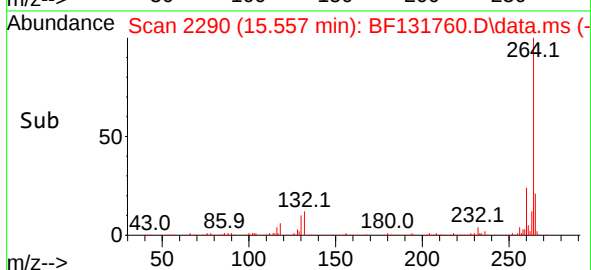
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

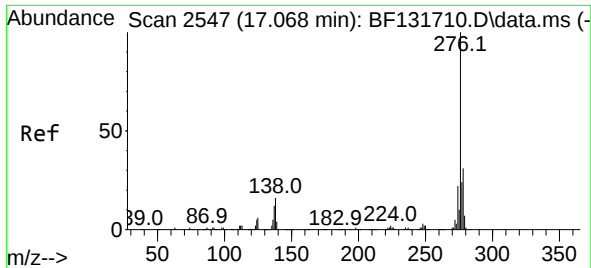


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



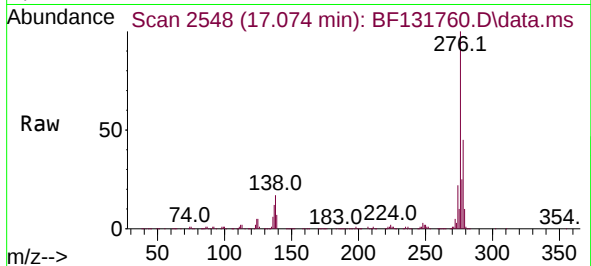
Tgt Ion:264 Resp: 184881
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 20.5 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.879 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

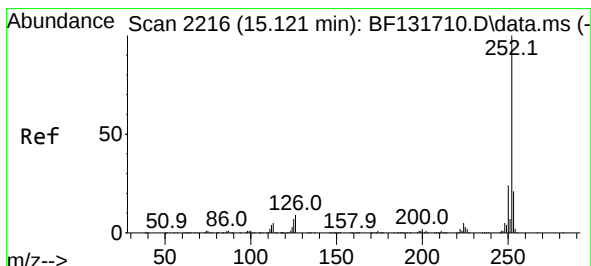
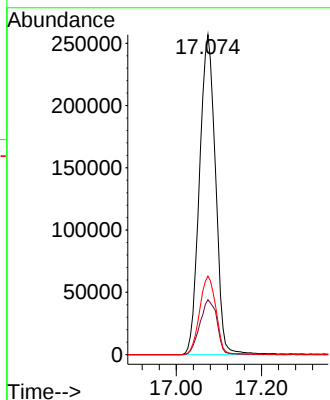
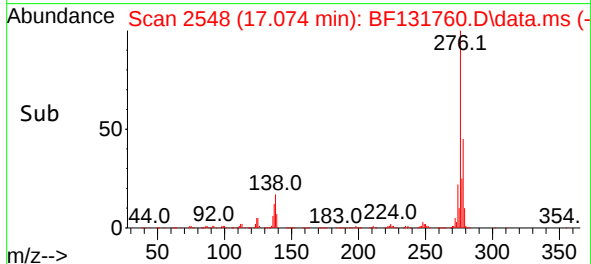
Instrument :
 BNA_F
 ClientSampleId :
 C3MS



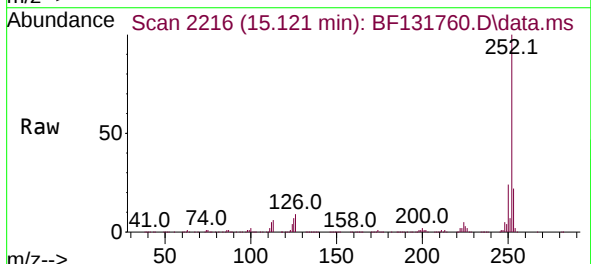
Tgt Ion:276 Resp: 669084
 Ion Ratio Lower Upper
 276 100
 138 18.3 14.4 21.6
 277 25.2 19.8 29.8

Manual Integrations
 APPROVED

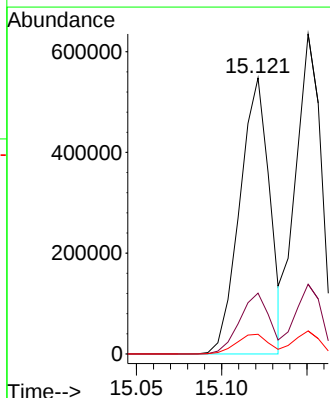
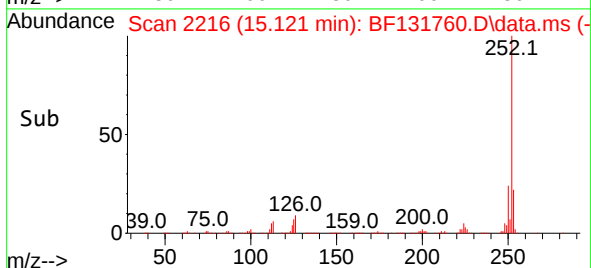
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

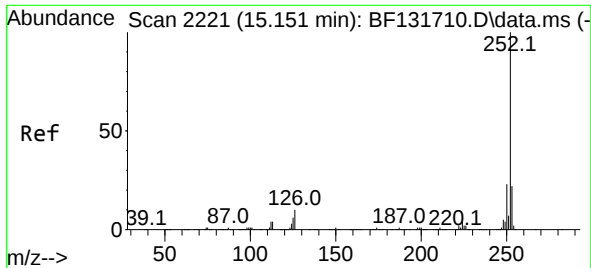


#88
 Benzo(b)fluoranthene
 Concen: 51.284 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03



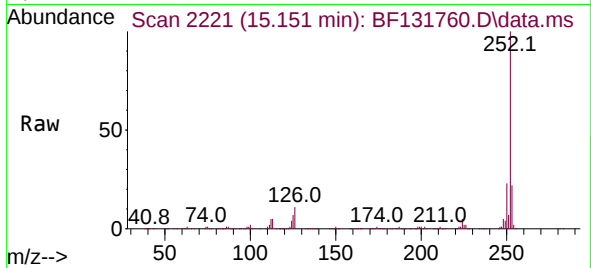
Tgt Ion:252 Resp: 670795
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.2 25.8
 125 7.1 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 53.049 ng
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

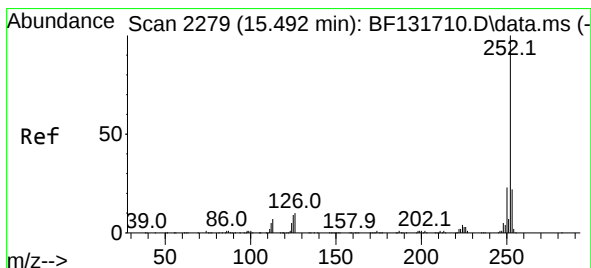
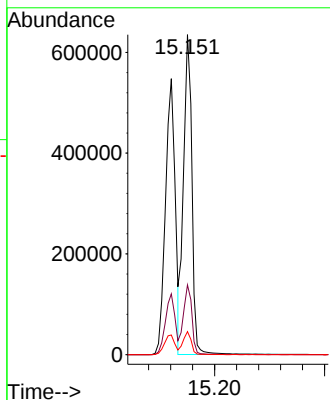
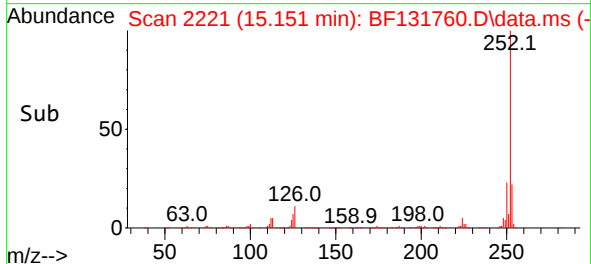
Instrument :
BNA_F
ClientSampleId :
C3MS



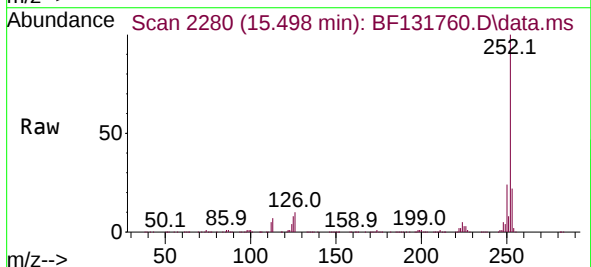
Tgt Ion:252 Resp: 677091
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.2 5.2 7.8

Manual Integrations
APPROVED

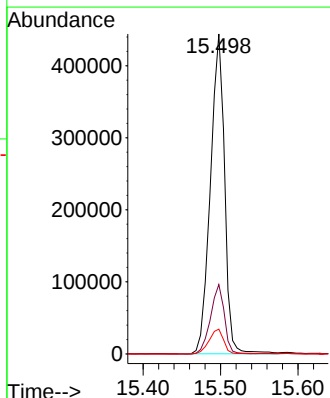
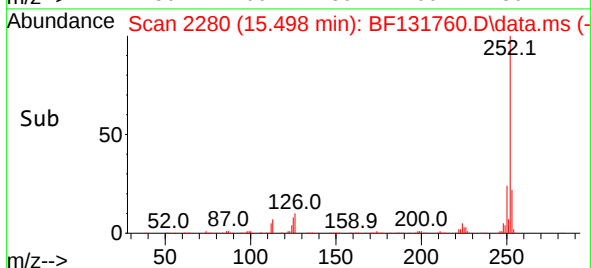
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

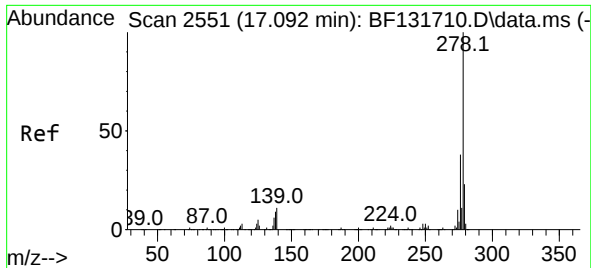


#90
Benzo(a)pyrene
Concen: 54.482 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



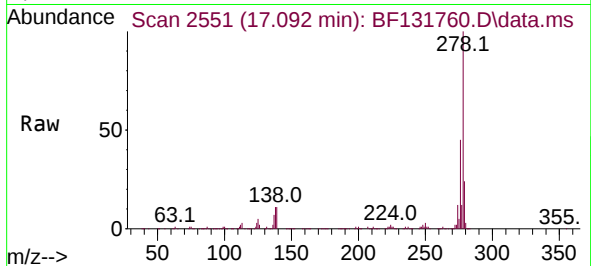
Tgt Ion:252 Resp: 564476
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.7 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 54.068 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

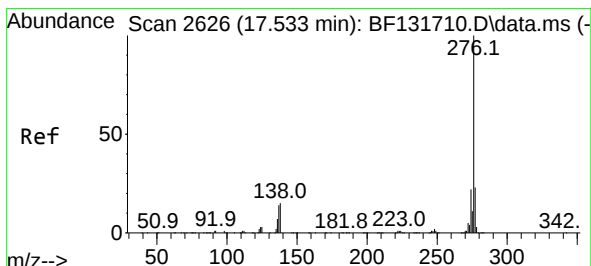
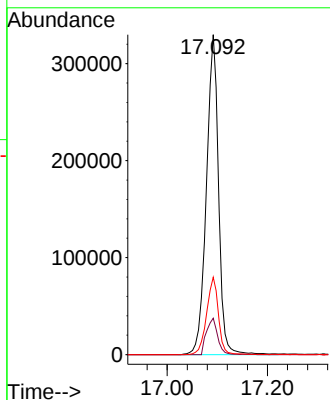
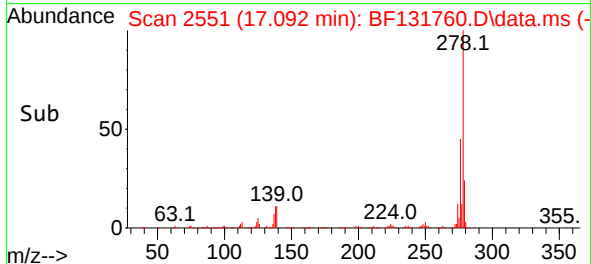
Instrument :
BNA_F
ClientSampleId :
C3MS



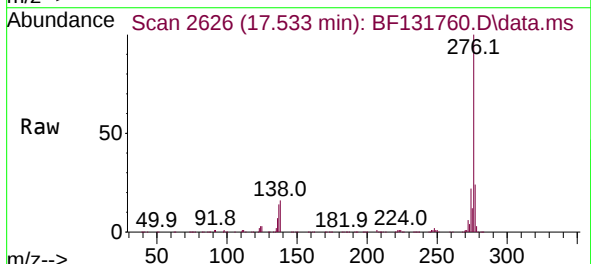
Tgt Ion:278 Resp: 554866
Ion Ratio Lower Upper
278 100
139 11.4 8.7 13.1
279 24.2 18.7 28.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 54.935 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



Tgt Ion:276 Resp: 557227
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 16.0 12.3 18.5

