

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131565.D
 Acq On : 09 Dec 2022 14:20
 Operator : CG\JU
 Sample : PB149479BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149479BS

Quant Time: Dec 10 03:57:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	54309	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	195191	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	117714	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	229718	20.000	ng	0.00
76) Chrysene-d12	14.110	240	131945	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	108893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	478536	146.999	ng	0.02
7) Phenol-d6	6.540	99	612008	143.464	ng	0.00
23) Nitrobenzene-d5	7.481	82	435847	84.420	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	205510	157.137	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	799827	85.672	ng	0.00
79) Terphenyl-d14	13.051	244	974601	101.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	53893	36.677	ng	99
3) Pyridine	3.499	79	149485	36.642	ng	99
4) n-Nitrosodimethylamine	3.469	42	97046	43.133	ng	93
6) Aniline	6.575	93	216897	42.513	ng	98
8) 2-Chlorophenol	6.692	128	155246	45.001	ng	94
9) Benzaldehyde	6.457	77	78574	26.887	ng	94
10) Phenol	6.551	94	228767	48.077	ng	99
11) bis(2-Chloroethyl)ether	6.645	93	161811	45.365	ng	98
12) 1,3-Dichlorobenzene	6.851	146	175167	43.795	ng	98
13) 1,4-Dichlorobenzene	6.928	146	174549	43.265	ng	98
14) 1,2-Dichlorobenzene	7.081	146	166749	43.267	ng	96
15) Benzyl Alcohol	7.057	79	169309	43.291	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	203563	44.181	ng	99
17) 2-Methylphenol	7.163	107	138612	44.582	ng	98
18) Hexachloroethane	7.422	117	71340	43.835	ng	92
19) n-Nitroso-di-n-propyla...	7.328	70	141315	44.178	ng	99
20) 3+4-Methylphenols	7.316	107	183801	43.402	ng	93
22) Acetophenone	7.322	105	270461	44.216	ng	99
24) Nitrobenzene	7.498	77	217642	41.796	ng	99
25) Isophorone	7.739	82	381150	45.833	ng	99
26) 2-Nitrophenol	7.816	139	82550	46.488	ng	96
27) 2,4-Dimethylphenol	7.851	122	145352	53.404	ng	97
28) bis(2-Chloroethoxy)met...	7.945	93	203444	47.291	ng	98
29) 2,4-Dichlorophenol	8.057	162	144604	42.968	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	171815	41.631	ng	98
31) Naphthalene	8.222	128	452254	41.137	ng	100
32) Benzoic acid	7.975	122	86880	44.076	ng	95
33) 4-Chloroaniline	8.269	127	120004	29.121	ng	95
34) Hexachlorobutadiene	8.334	225	120251	41.342	ng	99
35) Caprolactam	8.645	113	23512	27.008	ng	93
36) 4-Chloro-3-methylphenol	8.751	107	167368	44.289	ng	98
37) 2-Methylnaphthalene	8.916	142	313413	41.685	ng	98
38) 1-Methylnaphthalene	9.016	142	295347	40.921	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	191297	43.900	ng	98
41) Hexachlorocyclopentadiene	9.069	237	266587	120.532	ng	96
43) 2,4,6-Trichlorophenol	9.192	196	114502	42.483	ng	98

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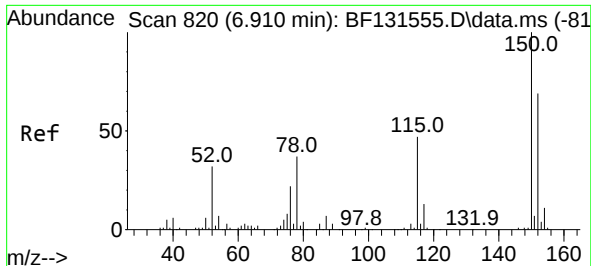
Quant Time: Dec 10 03:57:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	125115	43.164	ng	96
46) 1,1'-Biphenyl	9.386	154	405607	43.580	ng	98
47) 2-Chloronaphthalene	9.410	162	320628	42.283	ng	98
48) 2-Nitroaniline	9.504	65	119996	44.672	ng	98
49) Acenaphthylene	9.828	152	488600	43.884	ng	100
50) Dimethylphthalate	9.686	163	395115	44.031	ng	98
51) 2,6-Dinitrotoluene	9.751	165	85374	46.085	ng	# 84
52) Acenaphthene	9.998	154	298375	40.003	ng	99
53) 3-Nitroaniline	9.922	138	57517	32.359	ng	95
54) 2,4-Dinitrophenol	10.028	184	101294	94.722	ng	94
55) Dibenzofuran	10.175	168	456598	43.325	ng	97
56) 4-Nitrophenol	10.080	139	119375	96.678	ng	90
57) 2,4-Dinitrotoluene	10.157	165	113640	46.243	ng	99
58) Fluorene	10.516	166	373349	43.577	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	103596	42.206	ng	96
60) Diethylphthalate	10.386	149	386971	44.938	ng	98
61) 4-Chlorophenyl-phenyle...	10.510	204	210637	44.488	ng	94
62) 4-Nitroaniline	10.539	138	78870	44.778	ng	99
63) Azobenzene	10.669	77	428166	43.594	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	64141	44.084	ng	94
66) n-Nitrosodiphenylamine	10.628	169	313787	42.252	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	127228	43.053	ng	96
68) Hexachlorobenzene	11.063	284	138193	43.233	ng	# 95
69) Atrazine	11.157	200	122619	51.993	ng	98
70) Pentachlorophenol	11.257	266	152578	92.720	ng	99
71) Phenanthrene	11.486	178	543862	42.475	ng	99
72) Anthracene	11.539	178	561341	45.061	ng	98
73) Carbazole	11.692	167	464069	45.639	ng	99
74) Di-n-butylphthalate	12.016	149	590691	47.352	ng	99
75) Fluoranthene	12.674	202	591405	44.855	ng	98
77) Benzidine	12.798	184	240242	67.955	ng	99
78) Pyrene	12.910	202	593395	45.609	ng	99
80) Butylbenzylphthalate	13.527	149	188298	50.011	ng	93
81) Benzo(a)anthracene	14.098	228	422632	44.354	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	99260	36.614	ng	97
83) Chrysene	14.139	228	395411	43.649	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	219163	43.060	ng	99
85) Di-n-octyl phthalate	14.704	149	318081	38.949	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	383445	43.148	ng	99
88) Benzo(b)fluoranthene	15.174	252	318869	44.430	ng	99
89) Benzo(k)fluoranthene	15.204	252	323468	43.181	ng	99
90) Benzo(a)pyrene	15.557	252	283447	46.278	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	329178	45.006	ng	98
92) Benzo(g,h,i)perylene	17.633	276	326379	44.401	ng	99

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

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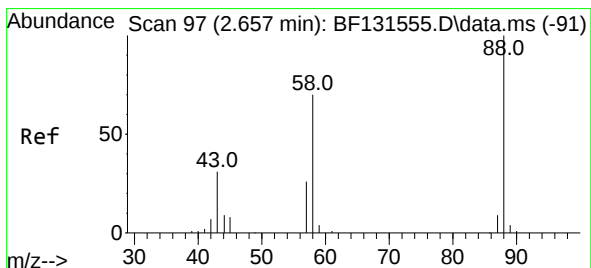
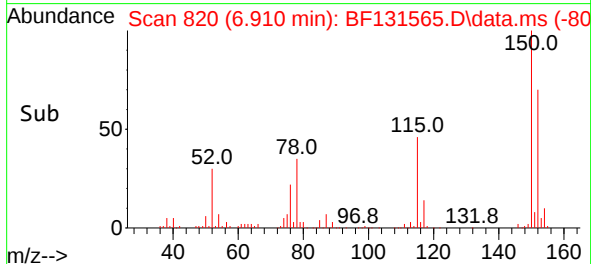
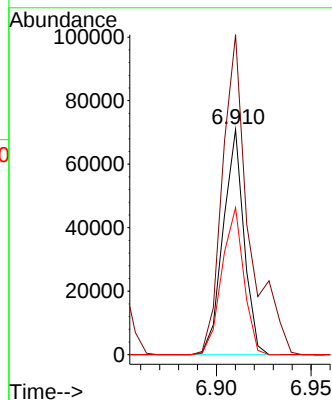
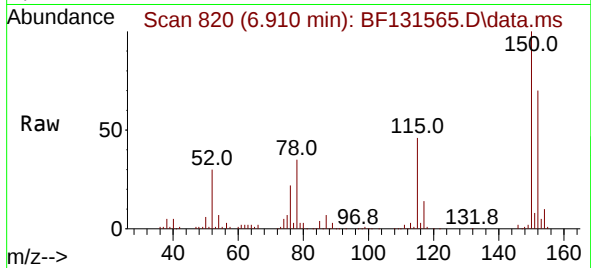




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131565.D
 Acq: 09 Dec 2022 14:20

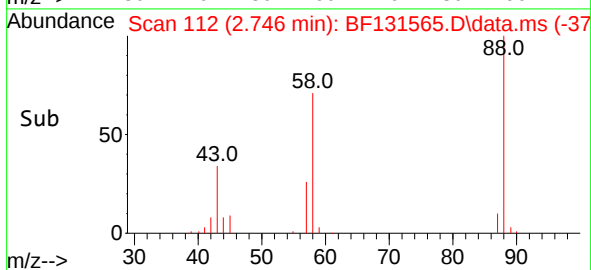
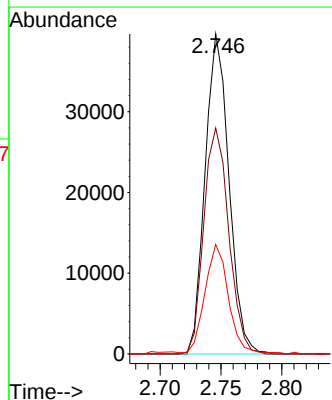
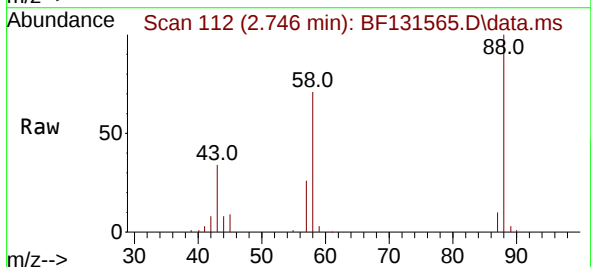
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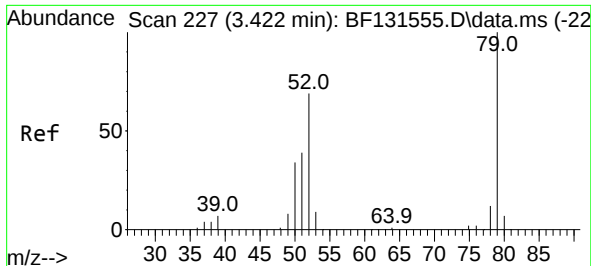
Tgt Ion:152 Resp: 54309
 Ion Ratio Lower Upper
 152 100
 150 142.0 116.7 175.1
 115 65.3 54.6 82.0



#2
 1,4-Dioxane
 Concen: 36.677 ng
 RT: 2.746 min Scan# 112
 Delta R.T. 0.088 min
 Lab File: BF131565.D
 Acq: 09 Dec 2022 14:20

Tgt Ion: 88 Resp: 53893
 Ion Ratio Lower Upper
 88 100
 58 73.8 60.0 90.0
 43 34.0 26.7 40.1





#3

Pyridine

Concen: 36.642 ng

RT: 3.499 min Scan# 240

Delta R.T. 0.077 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

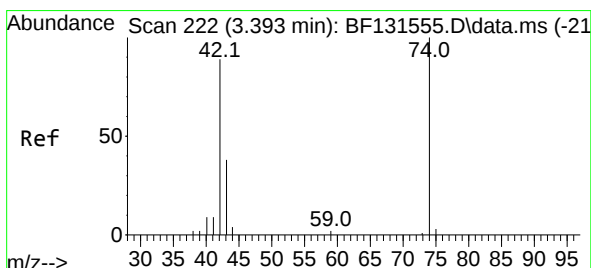
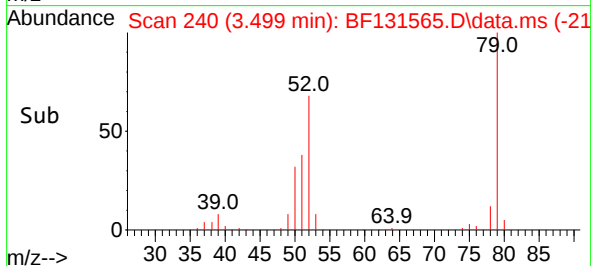
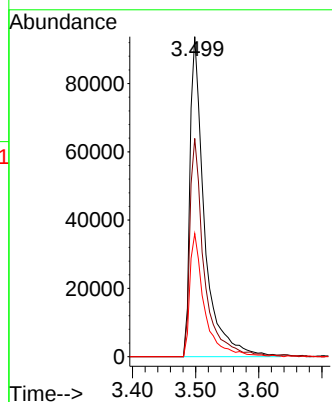
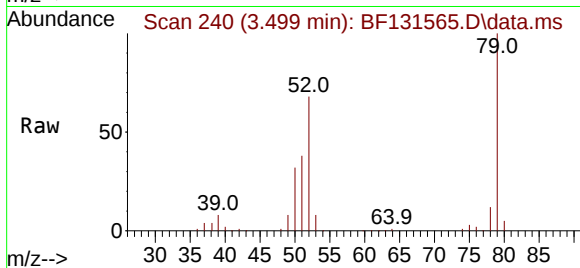
Tgt Ion: 79 Resp: 149485

Ion Ratio Lower Upper

79 100

52 68.2 55.0 82.6

51 38.5 31.4 47.2



#4

n-Nitrosodimethylamine

Concen: 43.133 ng

RT: 3.469 min Scan# 235

Delta R.T. 0.077 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

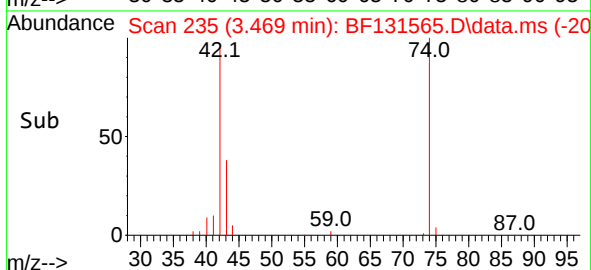
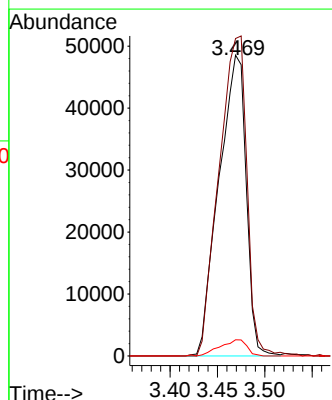
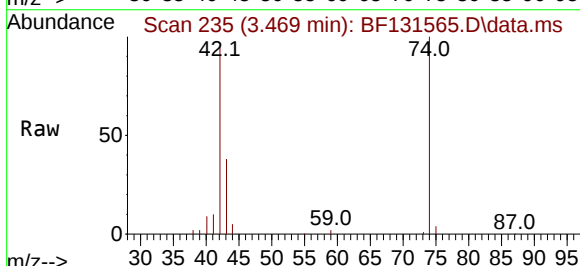
Tgt Ion: 42 Resp: 97046

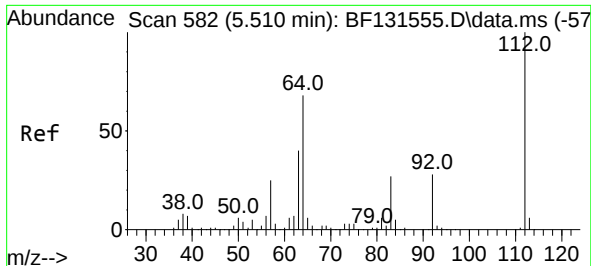
Ion Ratio Lower Upper

42 100

74 105.5 90.2 135.2

44 5.4 3.7 5.5

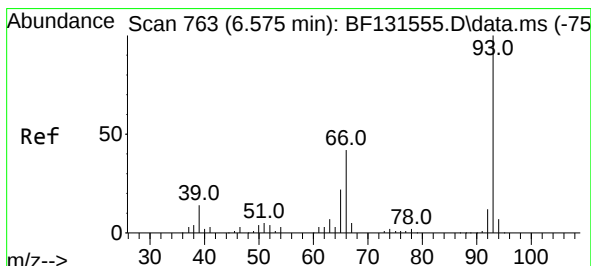
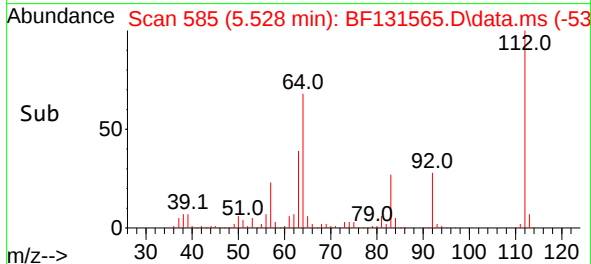
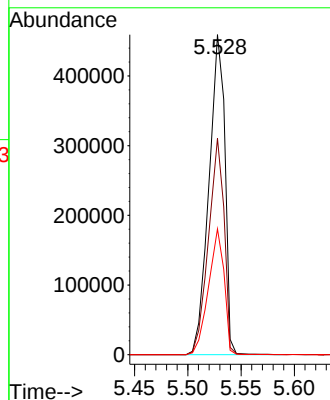
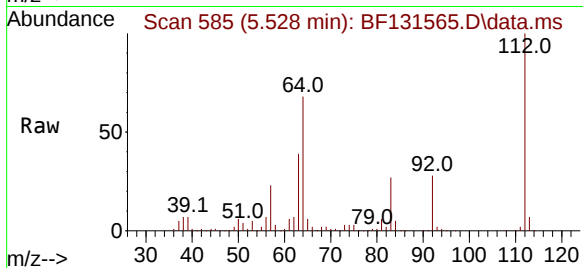




#5
2-Fluorophenol
Concen: 146.999 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

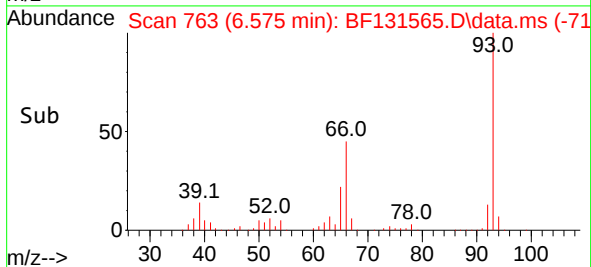
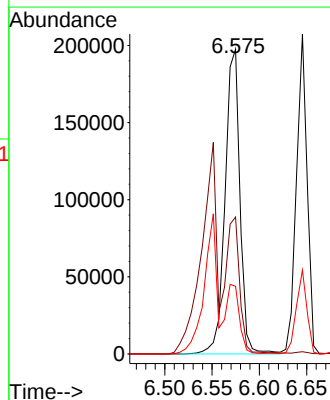
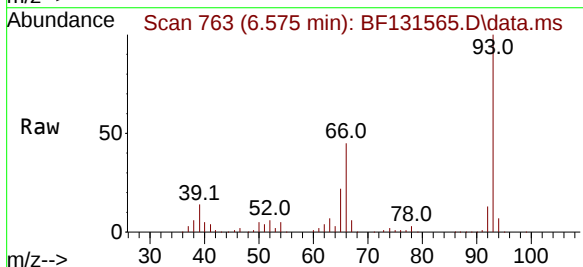
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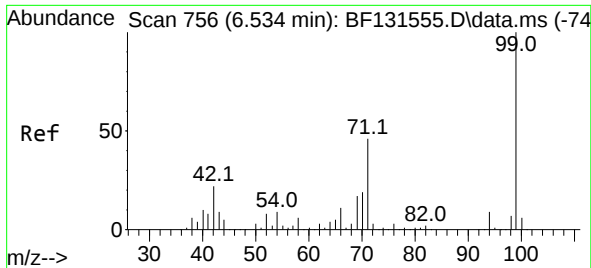
Tgt Ion:112 Resp: 478536
Ion Ratio Lower Upper
112 100
64 67.6 54.5 81.7
63 39.3 31.9 47.9



#6
Aniline
Concen: 42.513 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion: 93 Resp: 216897
Ion Ratio Lower Upper
93 100
66 45.0 34.6 51.8
65 22.2 17.7 26.5





#7

Phenol-d6

Concen: 143.464 ng

RT: 6.540 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

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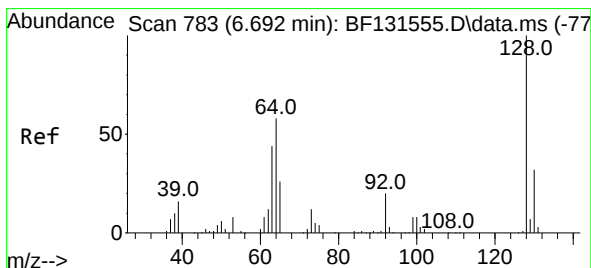
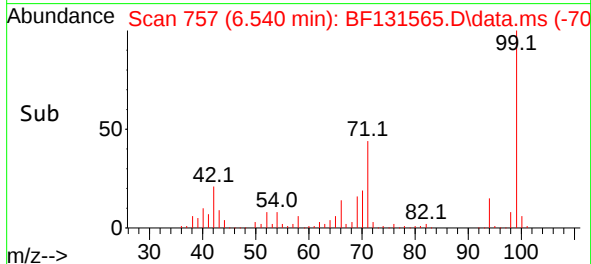
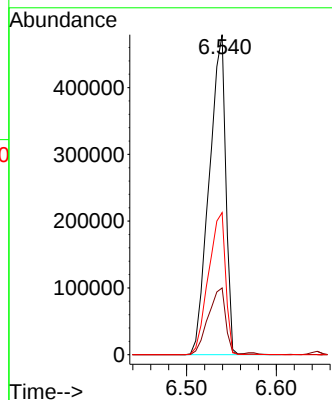
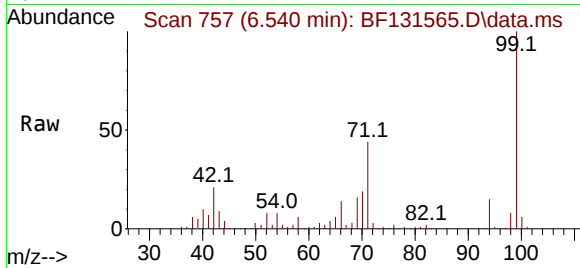
Tgt Ion: 99 Resp: 612008

Ion Ratio Lower Upper

99 100

42 20.9 17.9 26.9

71 44.4 37.2 55.8



#8

2-Chlorophenol

Concen: 45.001 ng

RT: 6.692 min Scan# 783

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

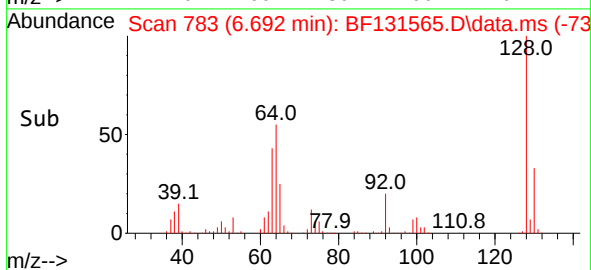
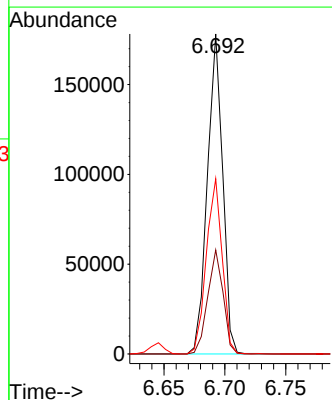
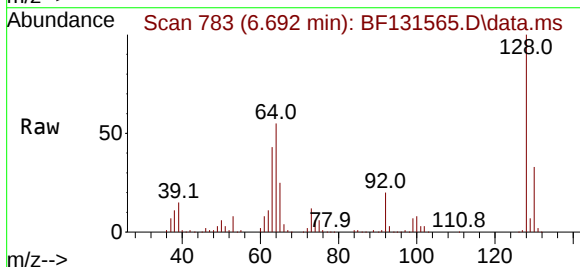
Tgt Ion:128 Resp: 155246

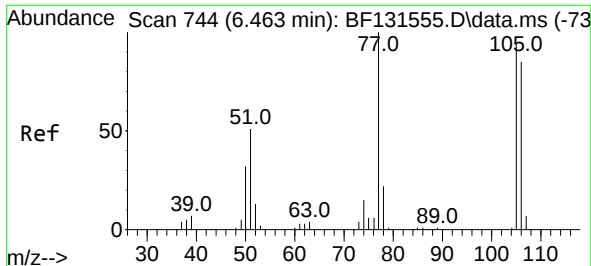
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 54.8 40.6 80.6

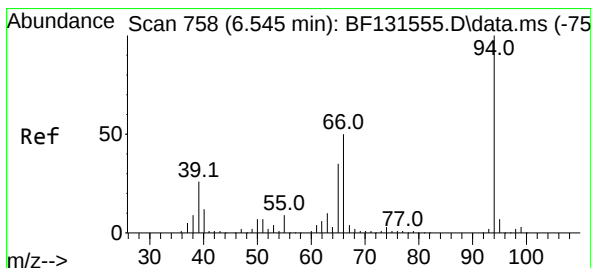
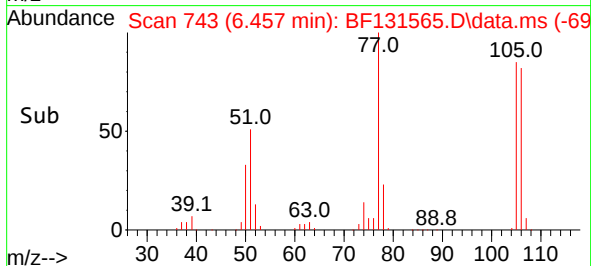
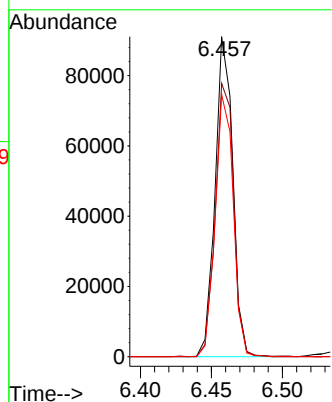
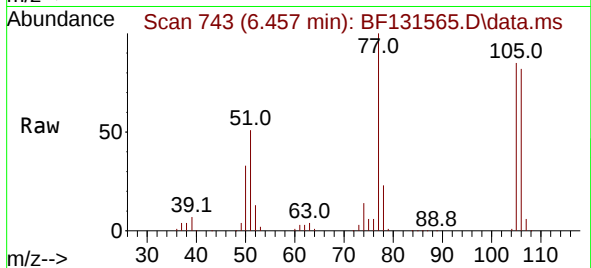




#9
Benzaldehyde
Concen: 26.887 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

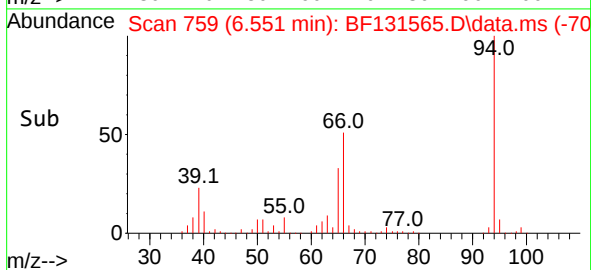
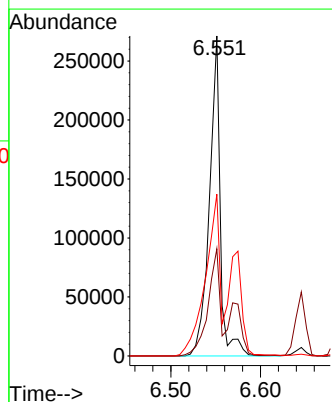
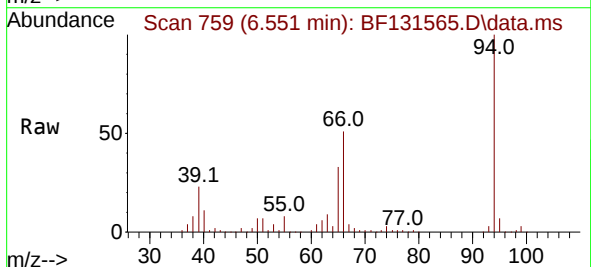
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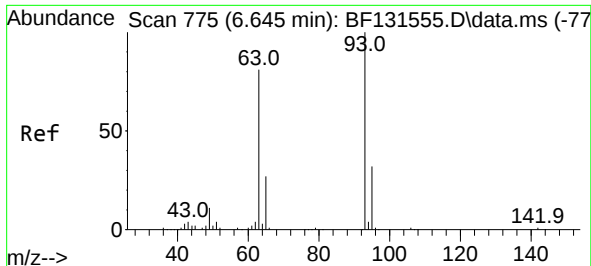
Tgt Ion: 77 Resp: 78574
Ion Ratio Lower Upper
77 100
105 85.4 73.8 113.8
106 81.9 65.2 105.2



#10
Phenol
Concen: 48.077 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion: 94 Resp: 228767
Ion Ratio Lower Upper
94 100
65 33.5 14.8 54.8
66 50.5 30.8 70.8

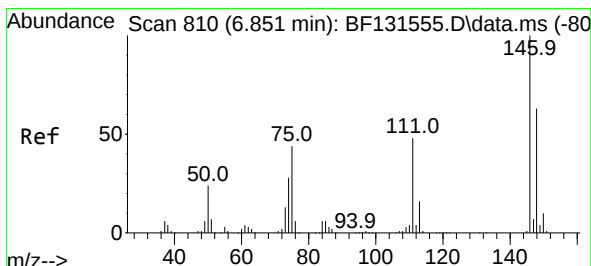
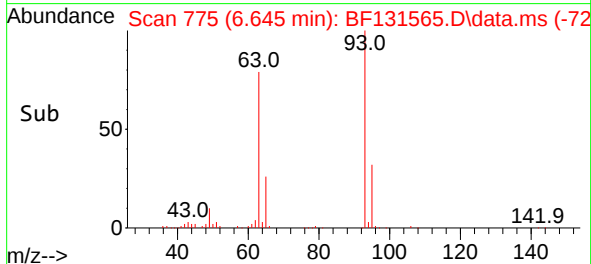
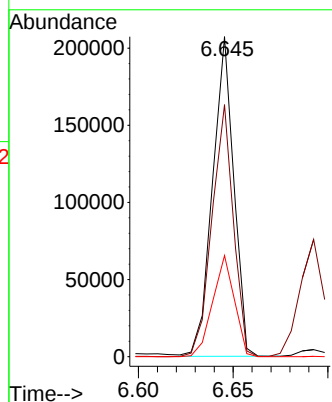
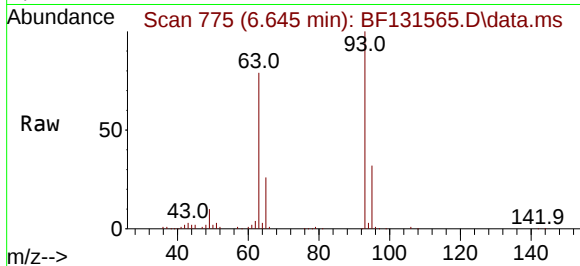




#11
bis(2-Chloroethyl)ether
Concen: 45.365 ng
RT: 6.645 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

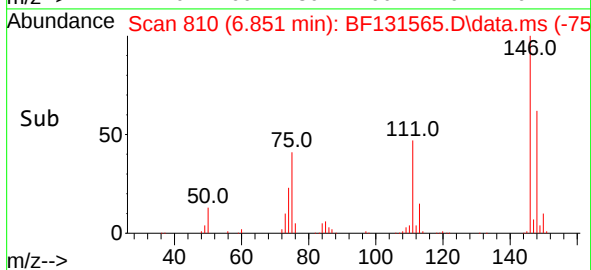
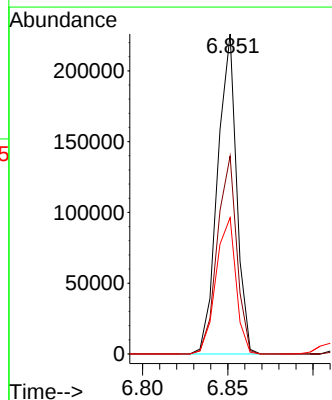
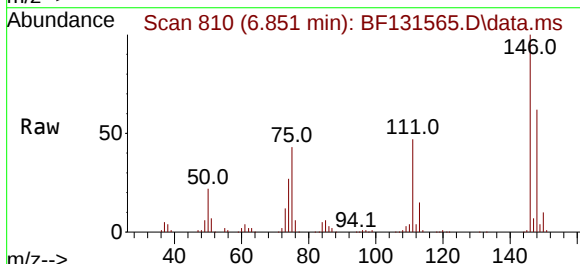
Instrument :
BNA_F
ClientSampleId :
PB149479BS

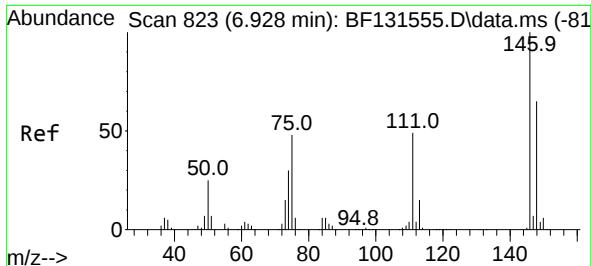
Tgt Ion: 93 Resp: 161811
Ion Ratio Lower Upper
93 100
63 78.7 60.4 100.4
95 31.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.795 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion: 146 Resp: 175167
Ion Ratio Lower Upper
146 100
148 61.8 50.7 76.1
75 42.6 35.1 52.7

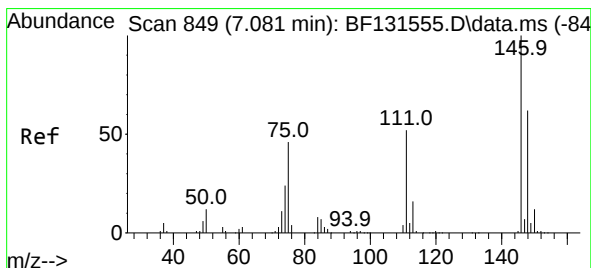
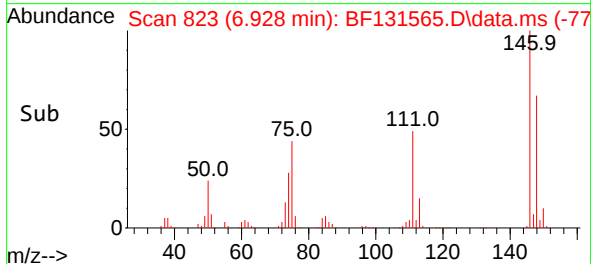
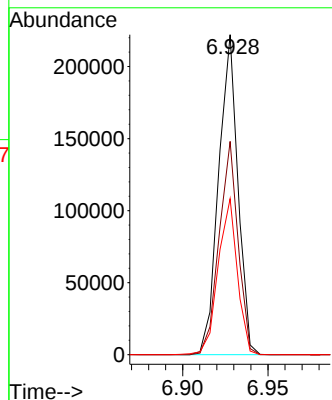
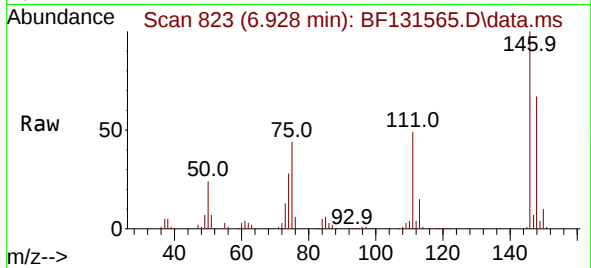




#13
1,4-Dichlorobenzene
Concen: 43.265 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

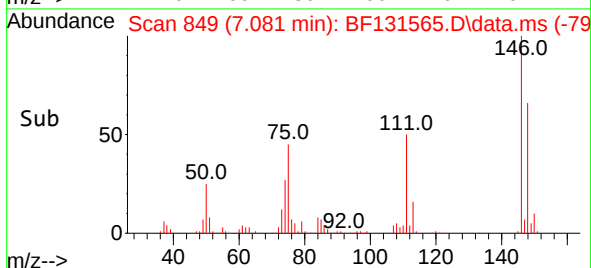
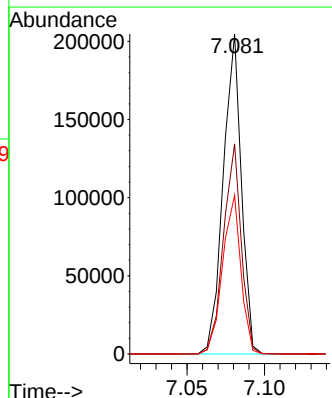
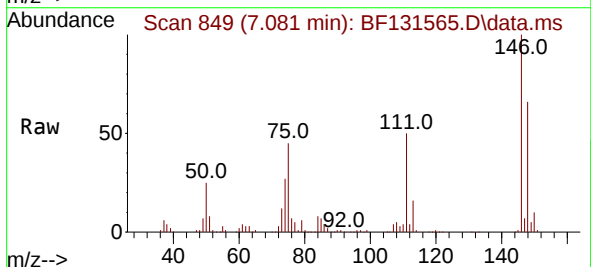
Instrument :
BNA_F
ClientSampleId :
PB149479BS

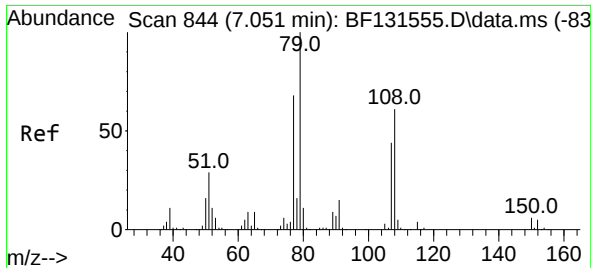
Tgt Ion:146 Resp: 174549
Ion Ratio Lower Upper
146 100
148 66.7 51.8 77.6
111 48.7 38.9 58.3



#14
1,2-Dichlorobenzene
Concen: 43.267 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:146 Resp: 166749
Ion Ratio Lower Upper
146 100
148 65.6 49.9 74.9
111 49.6 41.8 62.6

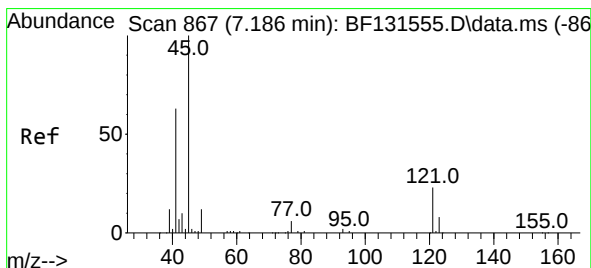
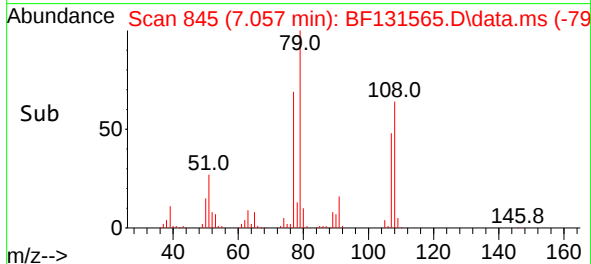
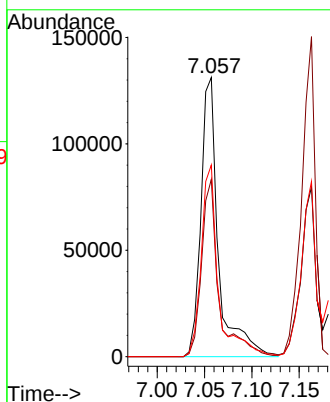
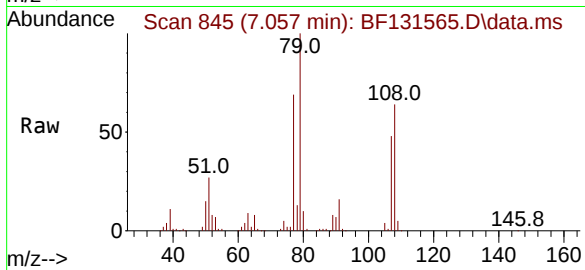




#15
Benzyl Alcohol
Concen: 43.291 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

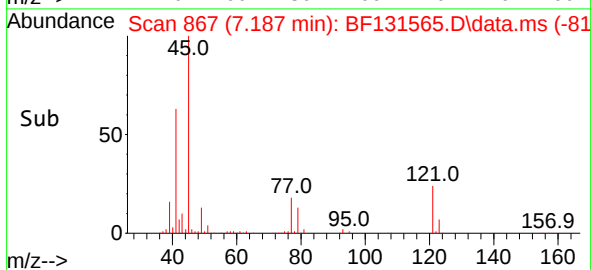
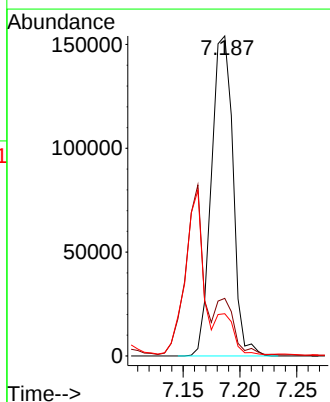
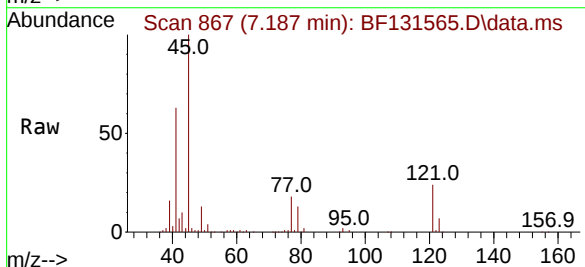
Instrument :
BNA_F
ClientSampleId :
PB149479BS

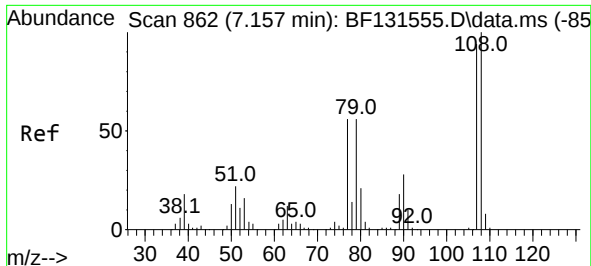
Tgt Ion: 79 Resp: 169309
Ion Ratio Lower Upper
79 100
108 63.5 49.2 73.8
77 68.7 54.5 81.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.181 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion: 45 Resp: 203563
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.7
79 13.2 0.0 33.6

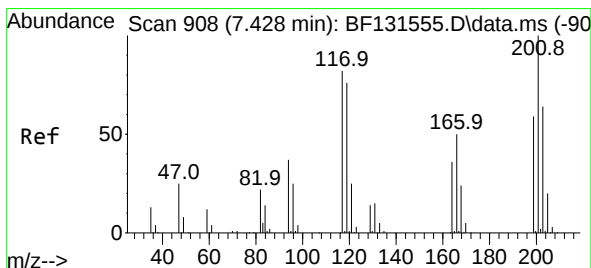
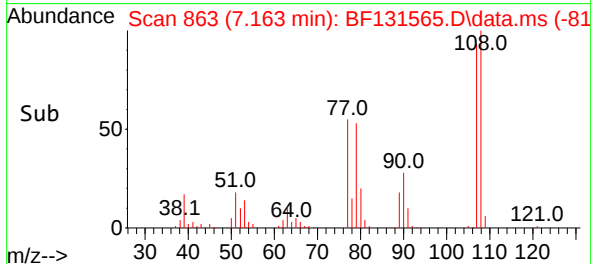
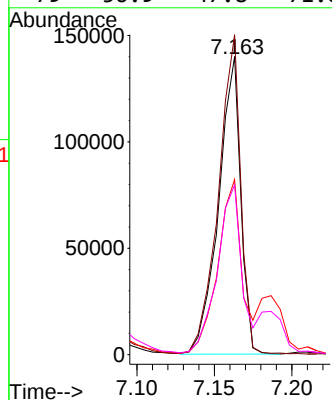
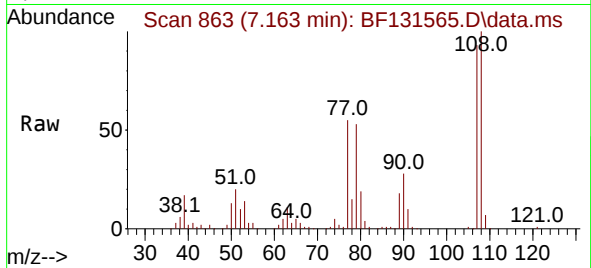




#17
2-Methylphenol
Concen: 44.582 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

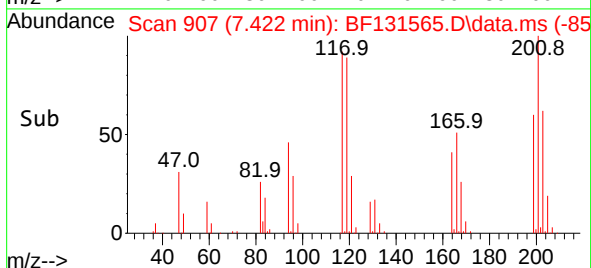
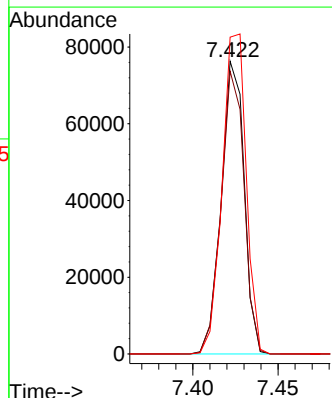
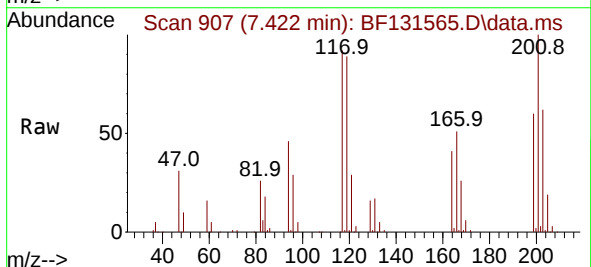
Instrument :
BNA_F
ClientSampleId :
PB149479BS

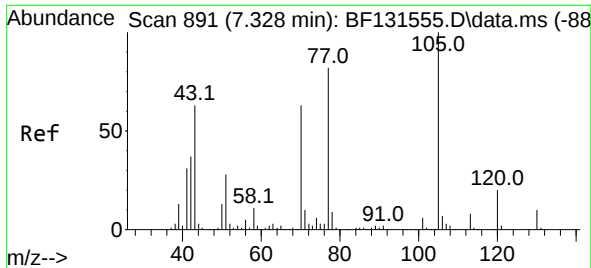
Tgt Ion:107 Resp: 138612
Ion Ratio Lower Upper
107 100
108 107.4 85.5 128.3
77 58.8 48.2 72.4
79 56.9 47.8 71.8



#18
Hexachloroethane
Concen: 43.835 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:117 Resp: 71340
Ion Ratio Lower Upper
117 100
119 96.6 75.0 112.4
201 108.3 98.0 147.0



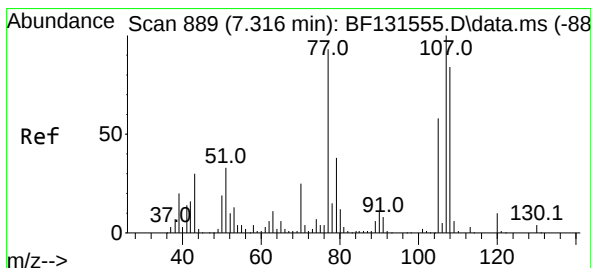
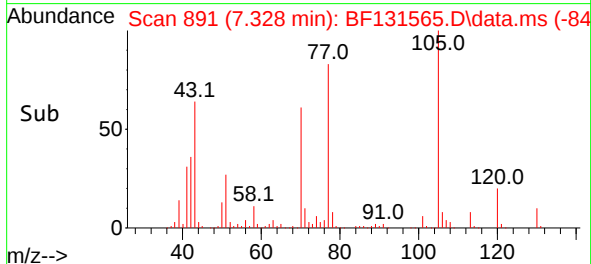
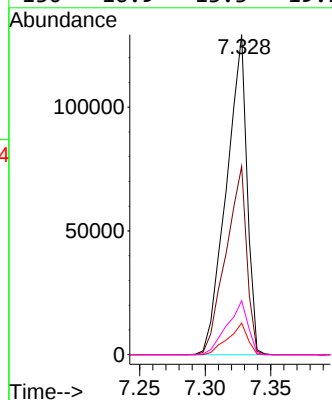
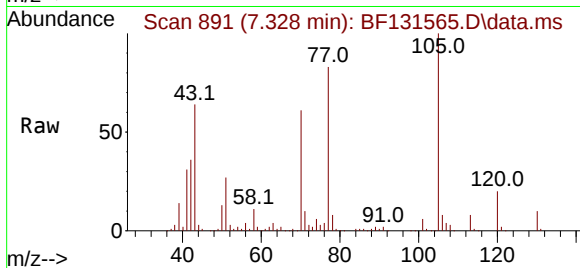


#19
n-Nitroso-di-n-propylamine
Concen: 44.178 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Instrument :
BNA_F
ClientSampleId :
PB149479BS

Tgt Ion: 70 Resp: 141315

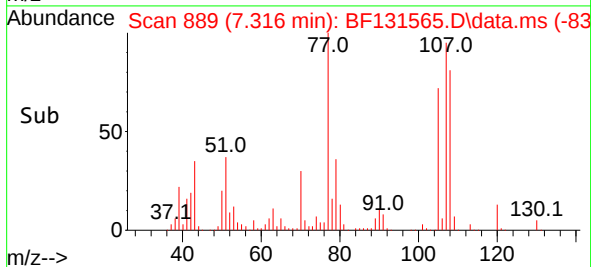
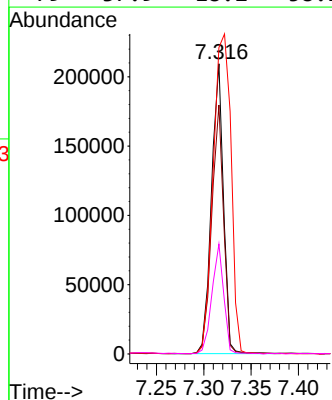
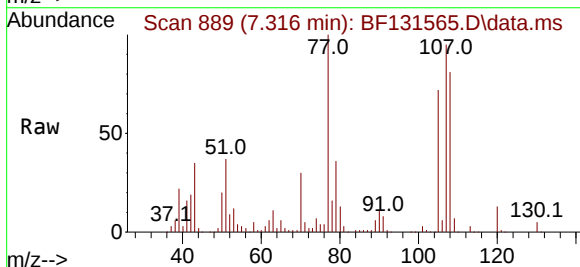
Ion	Ratio	Lower	Upper
70	100		
42	58.9	46.4	69.6
101	9.9	7.2	10.8
130	16.9	13.3	19.9

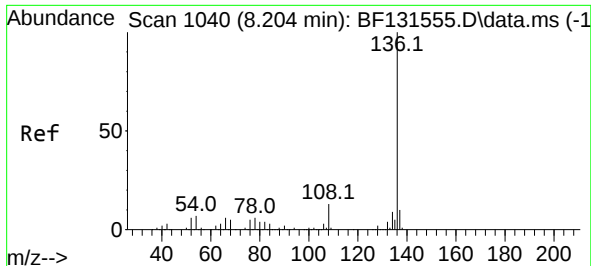


#20
3+4-Methylphenols
Concen: 43.402 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion: 107 Resp: 183801

Ion	Ratio	Lower	Upper
107	100		
108	85.8	64.0	104.0
77	105.6	73.1	113.1
79	37.9	18.2	58.2

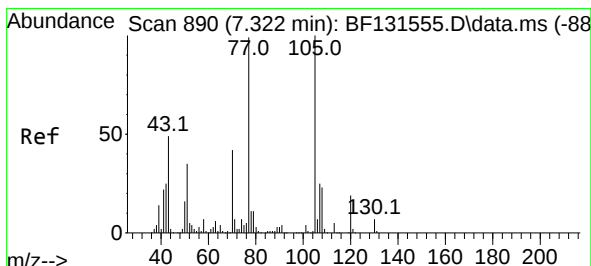
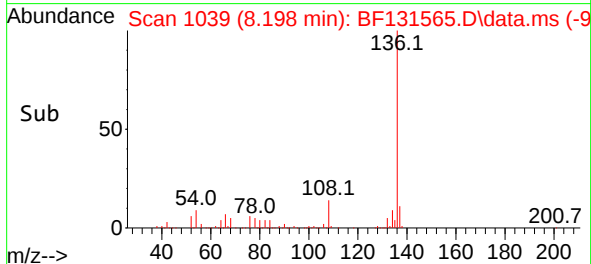
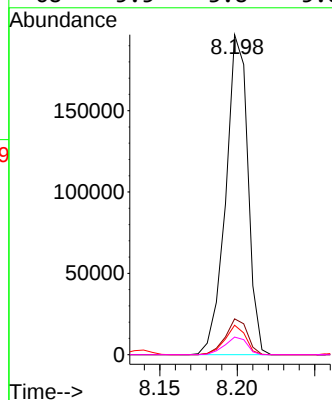
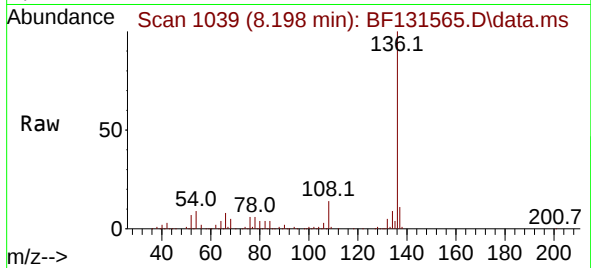




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

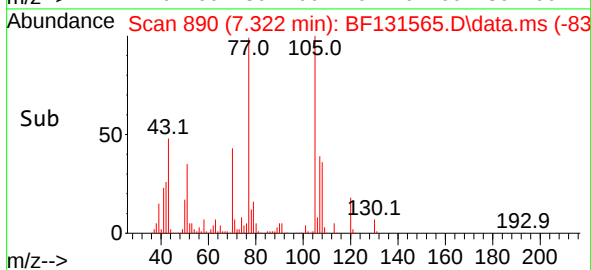
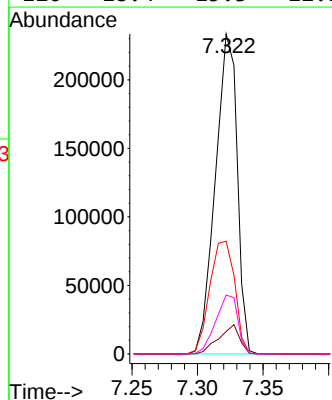
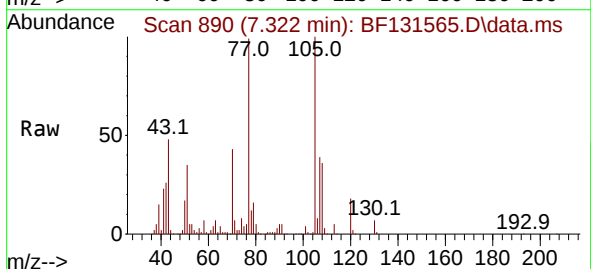
Instrument :
BNA_F
ClientSampleId :
PB149479BS

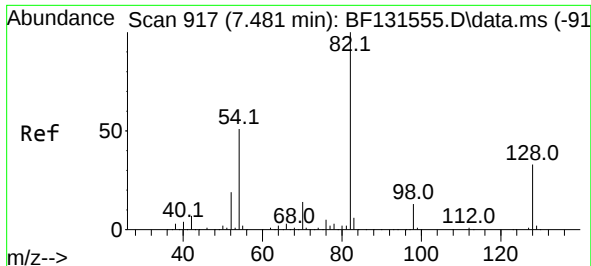
Tgt Ion:136 Resp: 195191
Ion Ratio Lower Upper
136 100
137 11.2 8.1 12.1
54 9.2 6.0 9.0#
68 5.5 3.8 5.8



#22
Acetophenone
Concen: 44.216 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:105 Resp: 270461
Ion Ratio Lower Upper
105 100
71 7.0 5.4 8.0
51 35.3 27.8 41.6
120 18.4 15.3 22.9

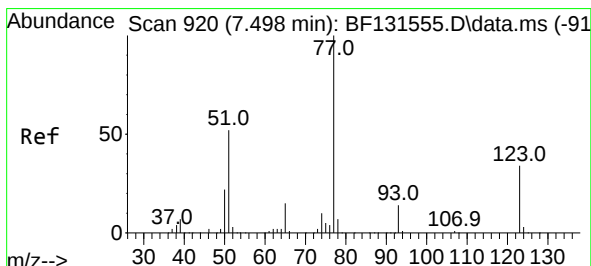
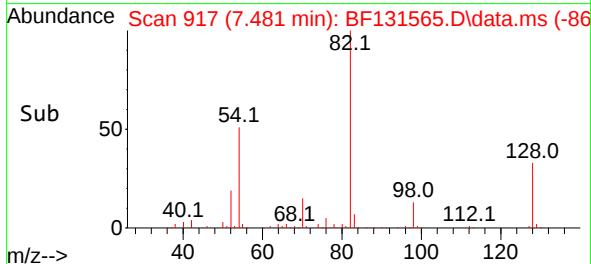
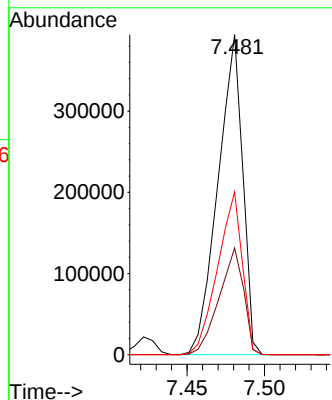
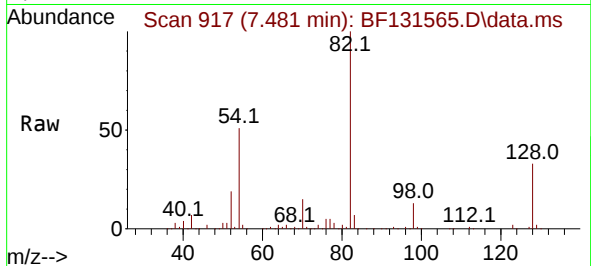




#23
Nitrobenzene-d5
Concen: 84.420 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

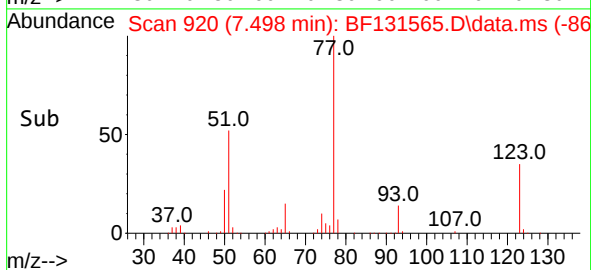
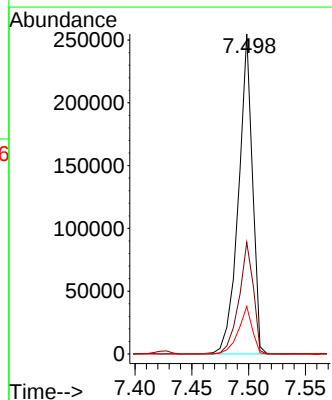
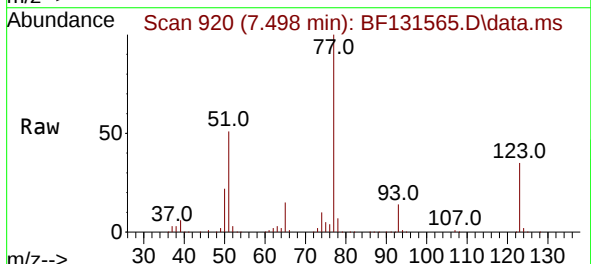
Instrument :
BNA_F
ClientSampleId :
PB149479BS

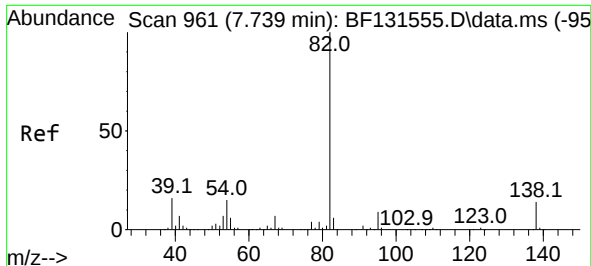
Tgt Ion: 82 Resp: 435847
Ion Ratio Lower Upper
82 100
128 33.3 26.1 39.1
54 50.9 40.6 60.8



#24
Nitrobenzene
Concen: 41.796 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion: 77 Resp: 217642
Ion Ratio Lower Upper
77 100
123 34.9 27.1 40.7
65 14.8 11.9 17.9

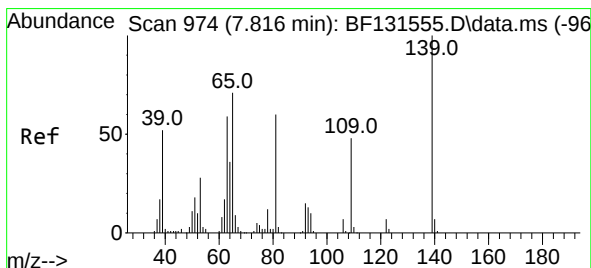
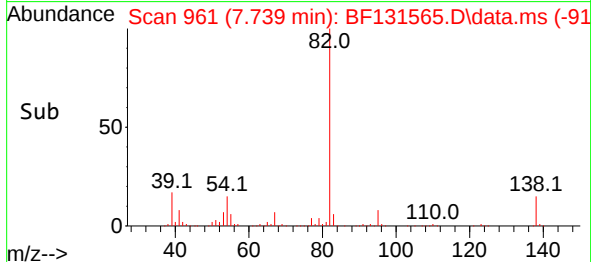
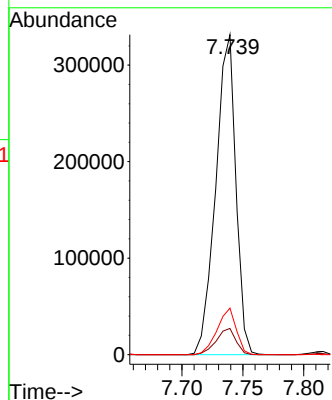
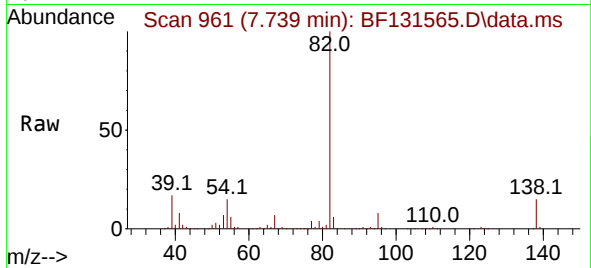




#25
Isophorone
Concen: 45.833 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

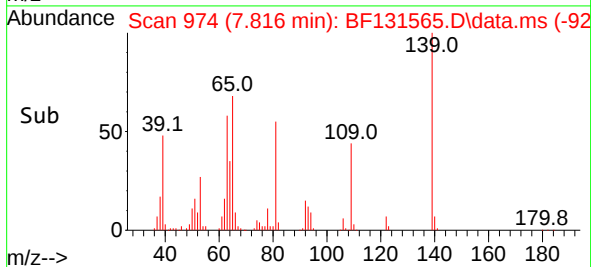
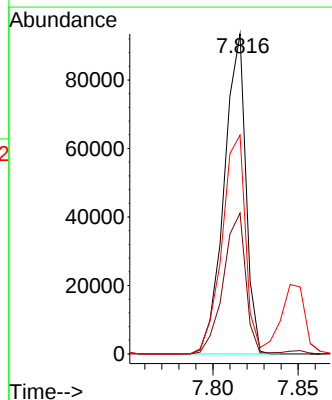
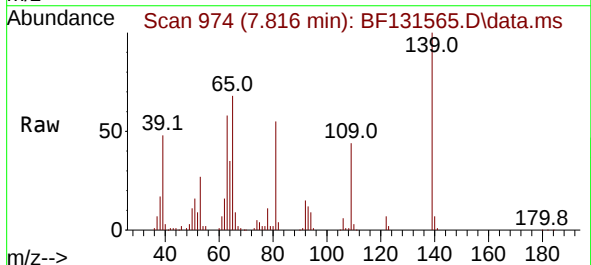
Instrument :
BNA_F
ClientSampleId :
PB149479BS

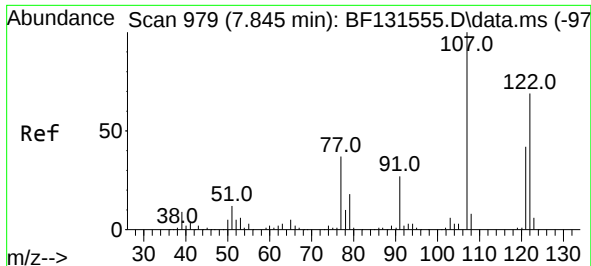
Tgt Ion: 82 Resp: 381150
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 14.5 11.4 17.0



#26
2-Nitrophenol
Concen: 46.488 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion: 139 Resp: 82550
Ion Ratio Lower Upper
139 100
109 44.0 38.6 58.0
65 68.4 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 53.404 ng

RT: 7.851 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

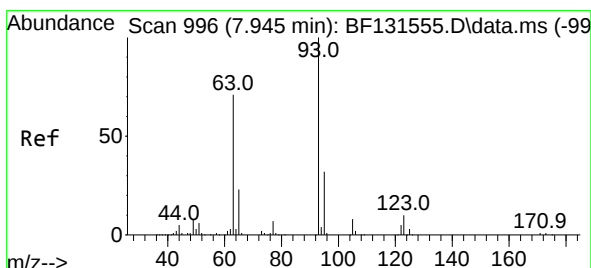
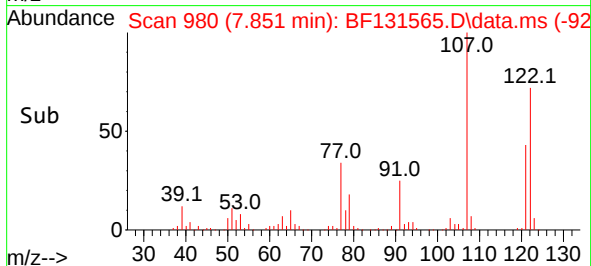
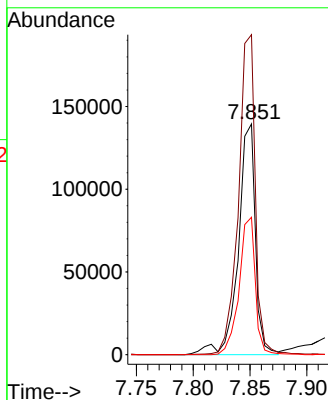
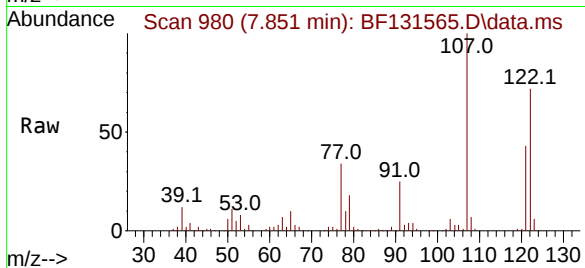
Tgt Ion:122 Resp: 145352

Ion Ratio Lower Upper

122 100

107 138.7 114.2 171.2

121 59.6 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 47.291 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

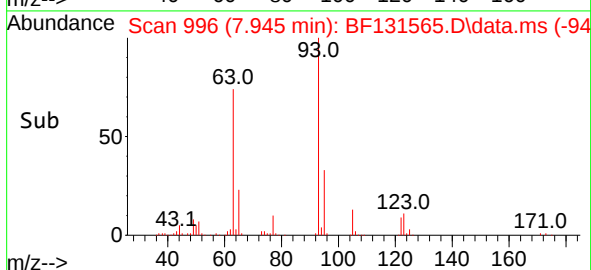
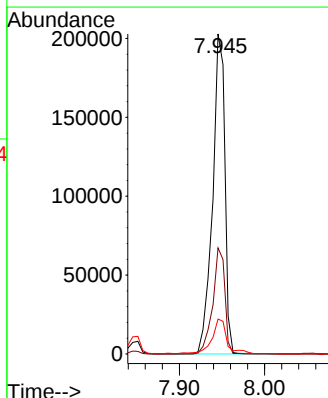
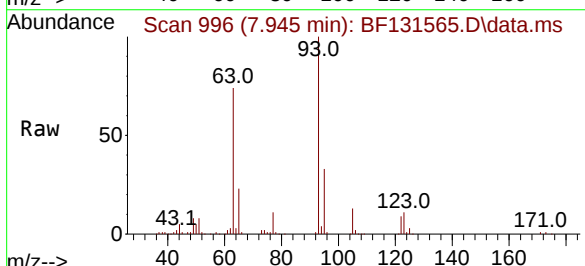
Tgt Ion: 93 Resp: 203444

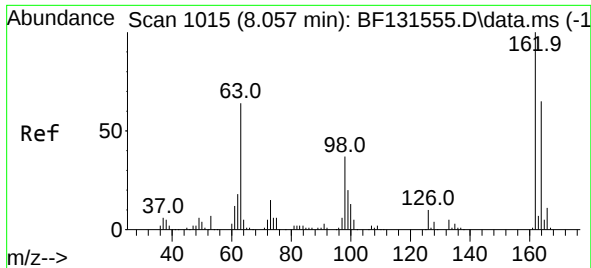
Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

123 10.9 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.968 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

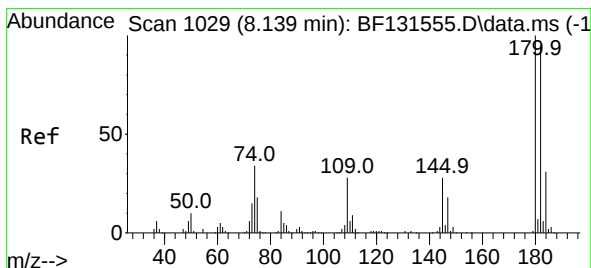
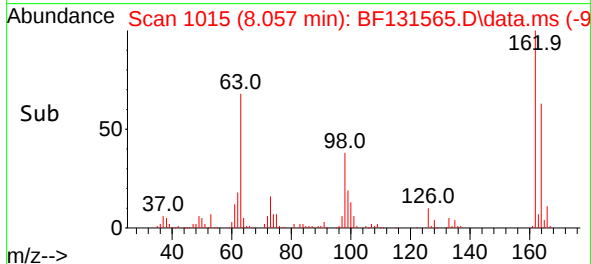
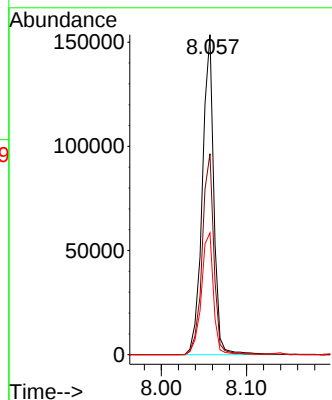
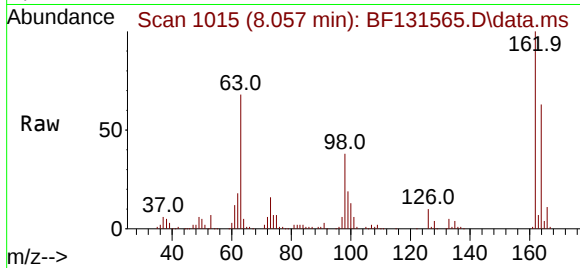
Tgt Ion:162 Resp: 144604

Ion Ratio Lower Upper

162 100

164 62.8 45.0 85.0

98 38.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 41.631 ng

RT: 8.139 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

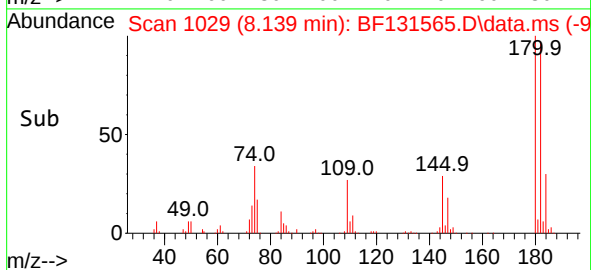
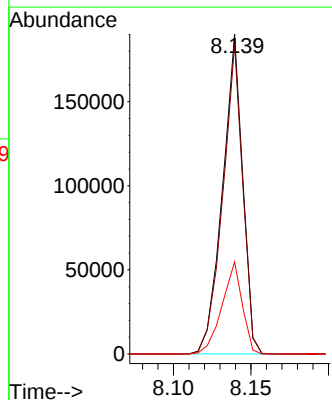
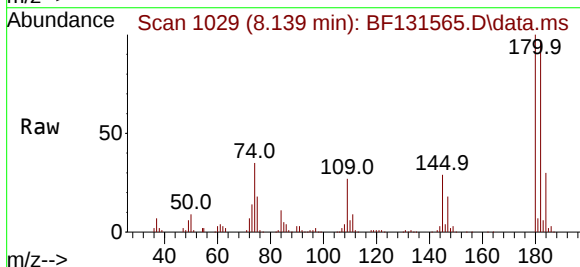
Tgt Ion:180 Resp: 171815

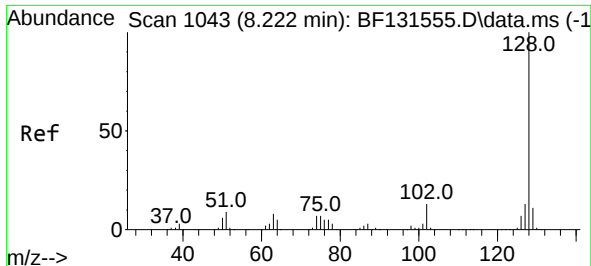
Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.6

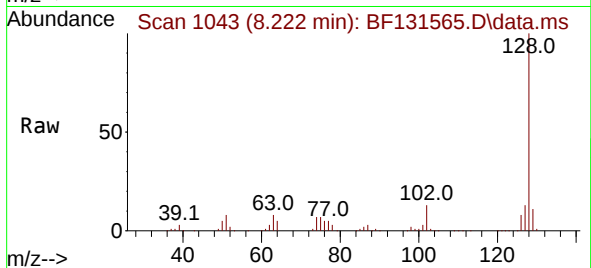
145 28.8 22.4 33.6



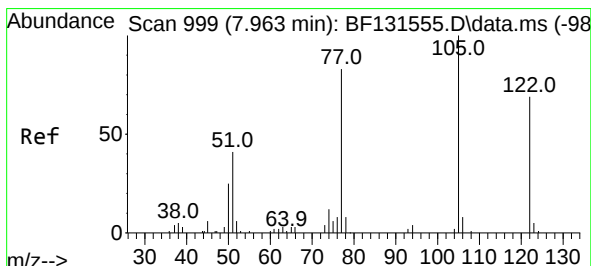
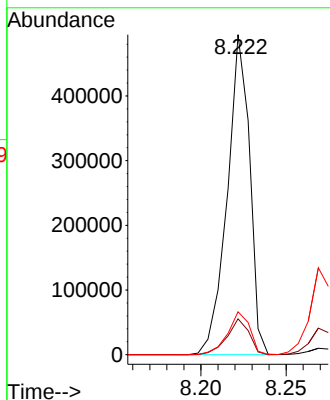
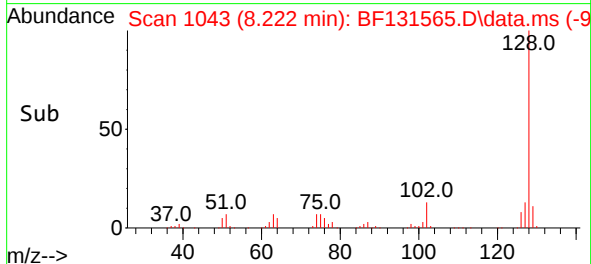


#31
Naphthalene
Concen: 41.137 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

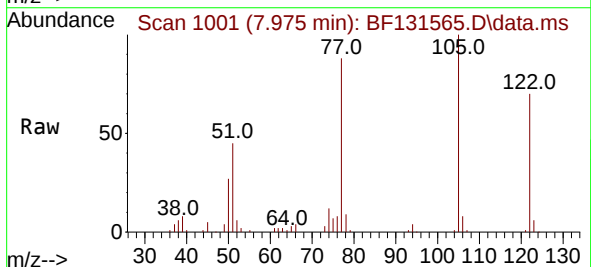
Instrument :
BNA_F
ClientSampleId :
PB149479BS



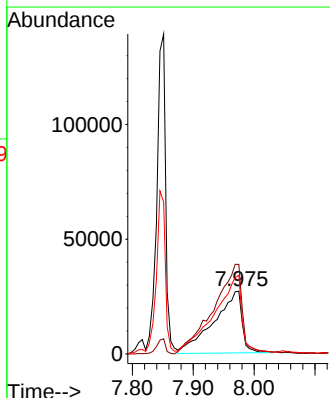
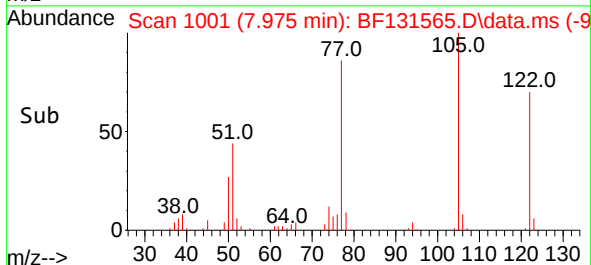
Tgt Ion:128 Resp: 452254
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.6 15.8

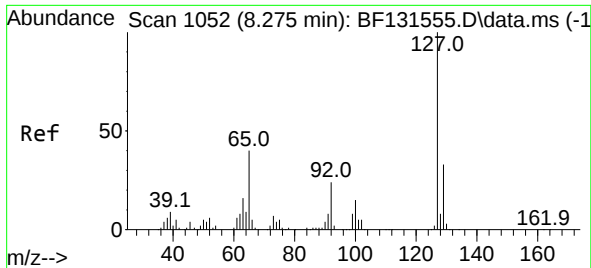


#32
Benzoic acid
Concen: 44.076 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20



Tgt Ion:122 Resp: 86880
Ion Ratio Lower Upper
122 100
105 142.9 119.8 159.8
77 125.2 97.6 137.6

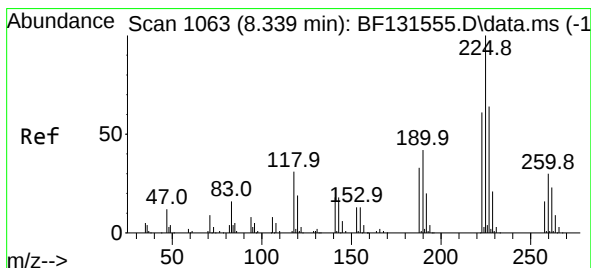
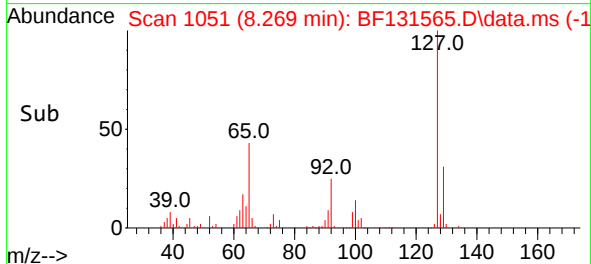
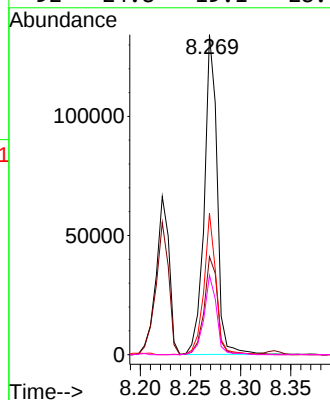
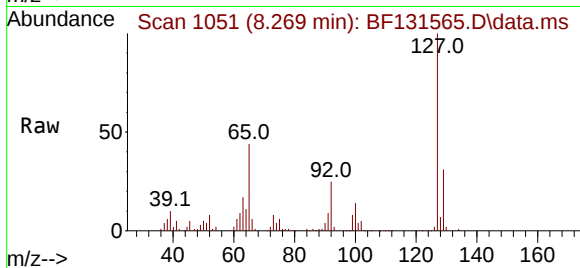




#33
4-Chloroaniline
Concen: 29.121 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

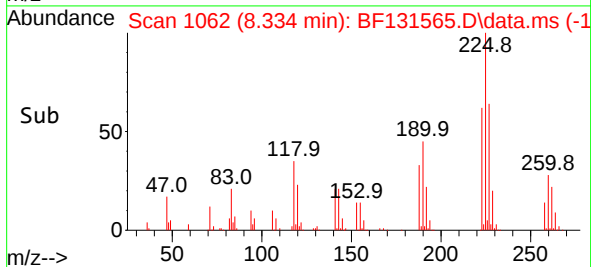
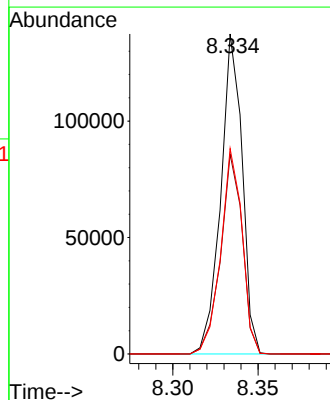
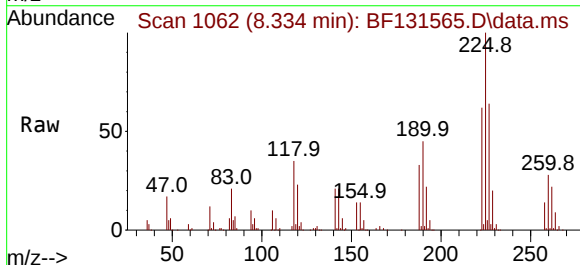
Instrument :
BNA_F
ClientSampleId :
PB149479BS

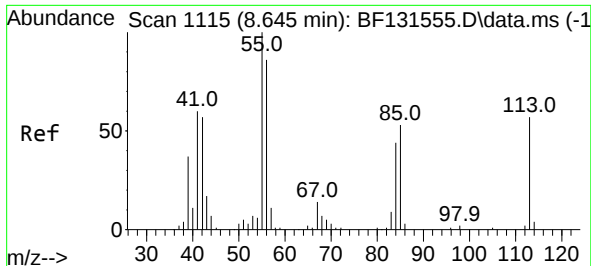
Tgt Ion:	127	Resp:	120004
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.4	39.6
65	44.2	31.9	47.9
92	24.8	19.1	28.7



#34
Hexachlorobutadiene
Concen: 41.342 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:	225	Resp:	120251
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.7	73.1
227	64.2	51.0	76.6

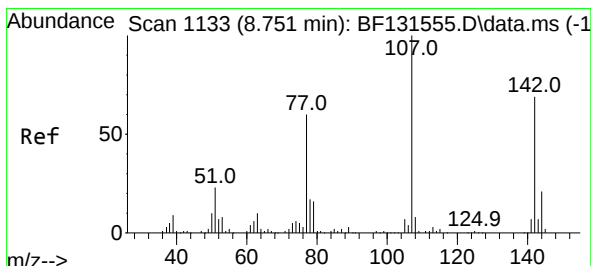
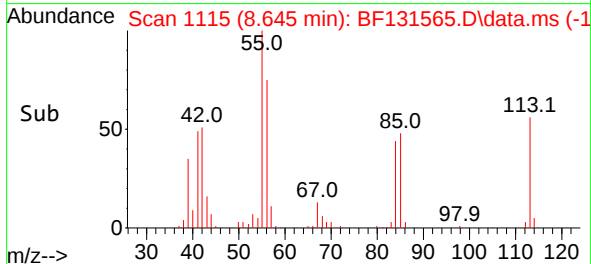
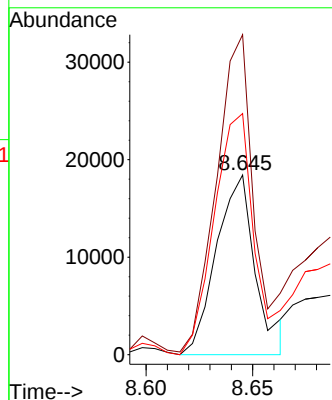
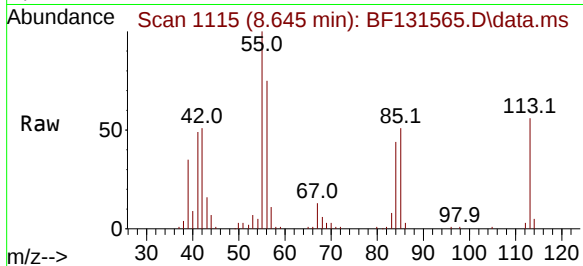




#35
Caprolactam
Concen: 27.008 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

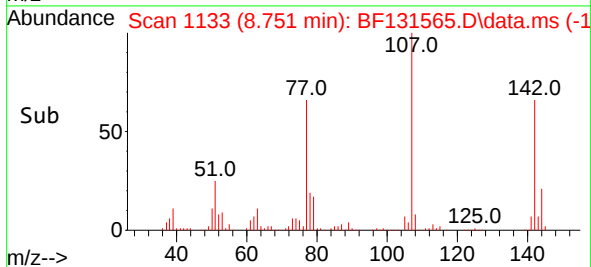
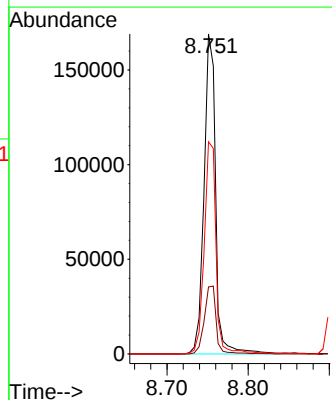
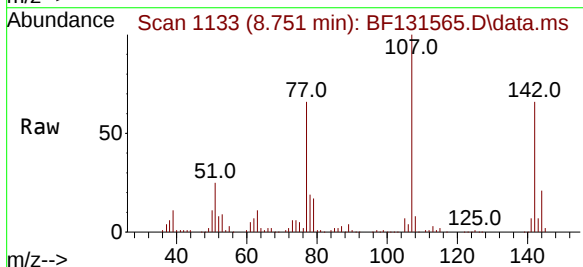
Instrument :
BNA_F
ClientSampleId :
PB149479BS

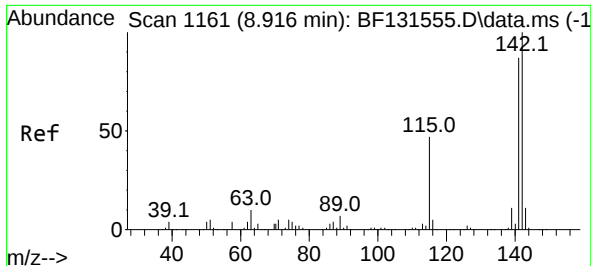
Tgt Ion:113 Resp: 23512
Ion Ratio Lower Upper
113 100
55 178.2 155.8 195.8
56 134.3 131.7 171.7



#36
4-Chloro-3-methylphenol
Concen: 44.289 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:107 Resp: 167368
Ion Ratio Lower Upper
107 100
144 21.0 17.0 25.4
142 66.3 54.8 82.2

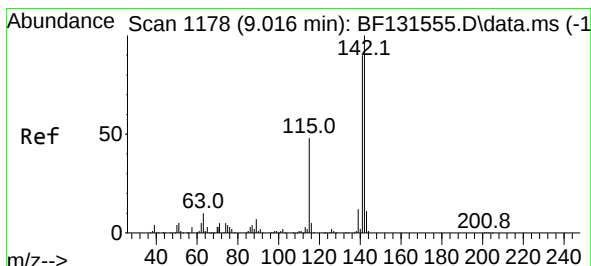
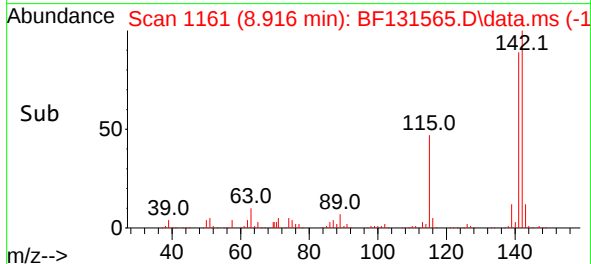
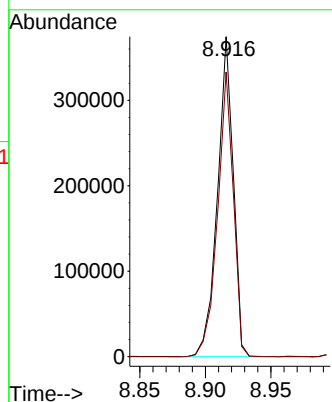
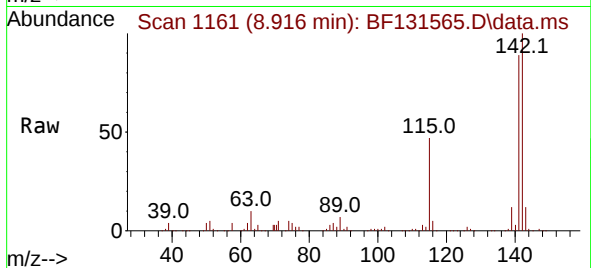




#37
2-Methylnaphthalene
Concen: 41.685 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

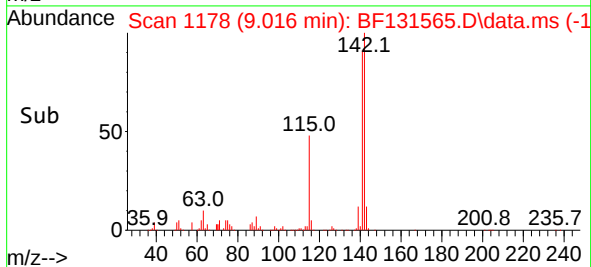
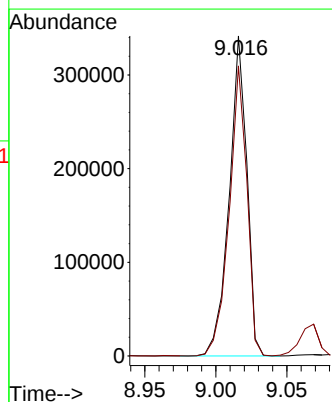
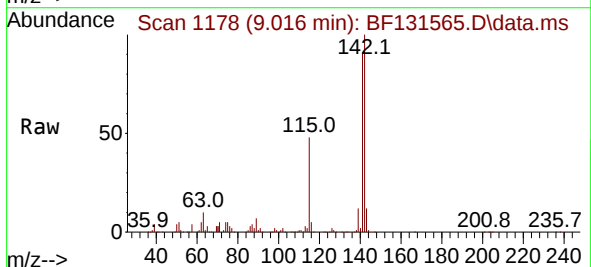
Instrument :
BNA_F
ClientSampleId :
PB149479BS

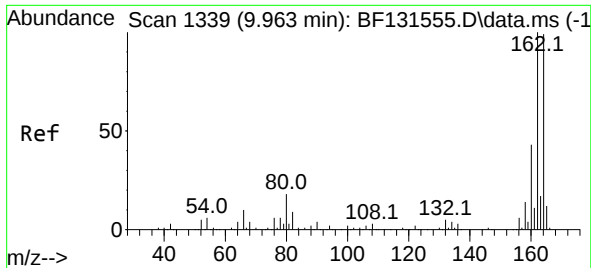
Tgt Ion:142 Resp: 313413
Ion Ratio Lower Upper
142 100
141 89.0 69.7 104.5



#38
1-Methylnaphthalene
Concen: 40.921 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:142 Resp: 295347
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9

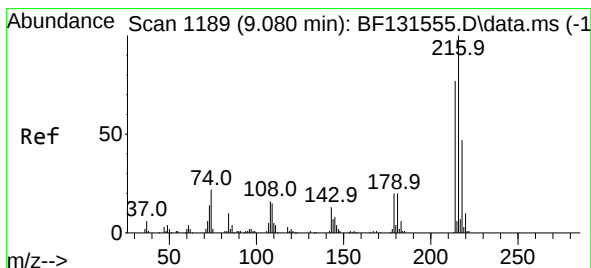
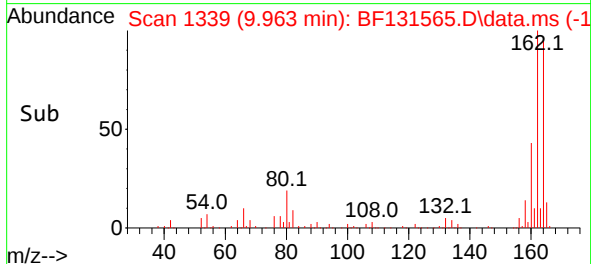
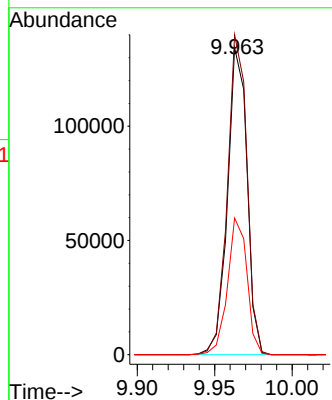
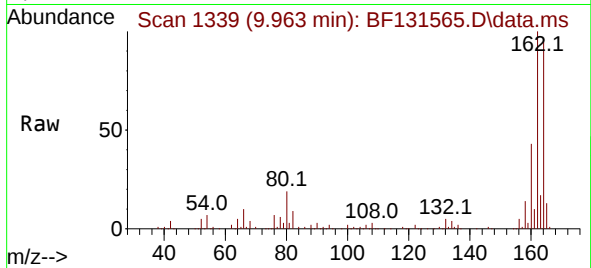




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

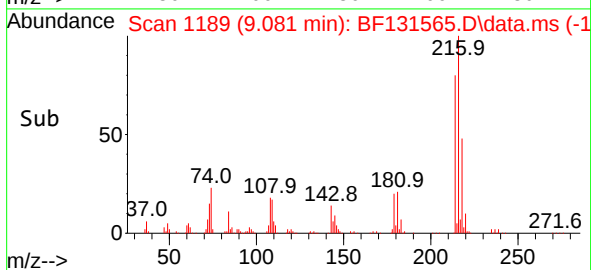
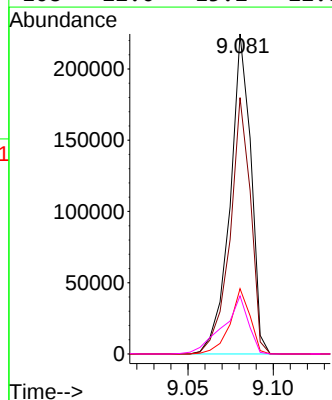
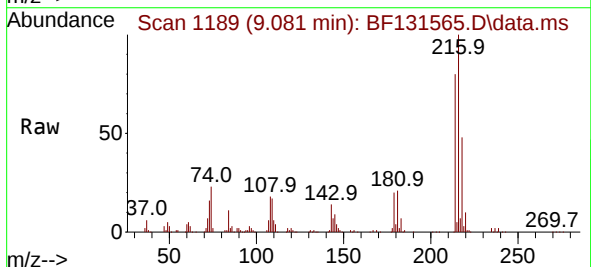
Instrument :
BNA_F
ClientSampleId :
PB149479BS

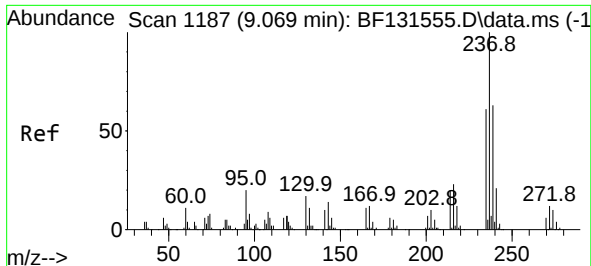
Tgt Ion:164 Resp: 117714
Ion Ratio Lower Upper
164 100
162 104.2 81.0 121.6
160 44.5 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.900 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:216 Resp: 191297
Ion Ratio Lower Upper
216 100
214 78.4 62.1 93.1
179 19.6 16.0 24.0
108 22.0 15.2 22.8

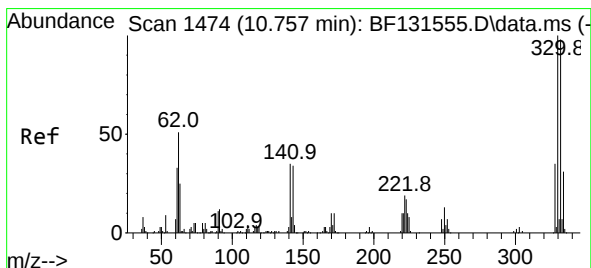
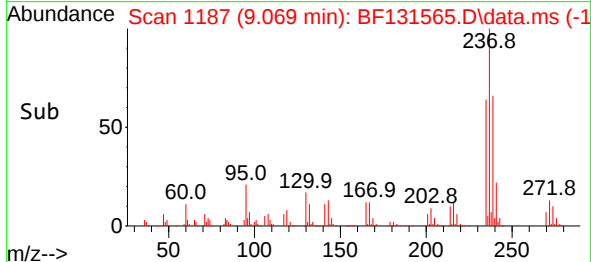
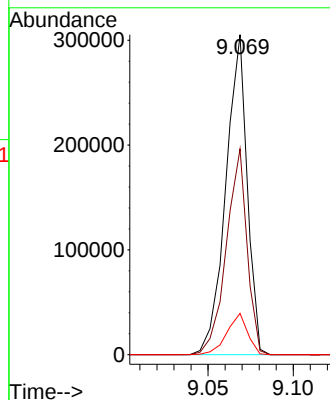
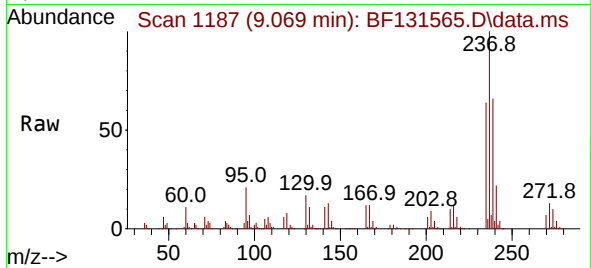




#41
Hexachlorocyclopentadiene
Concen: 120.532 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

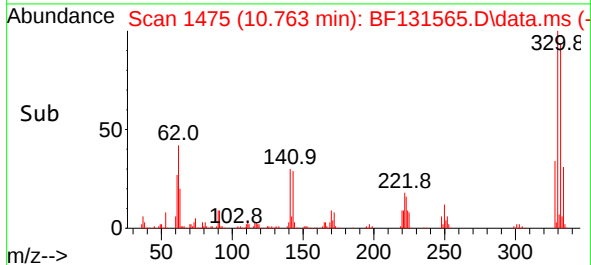
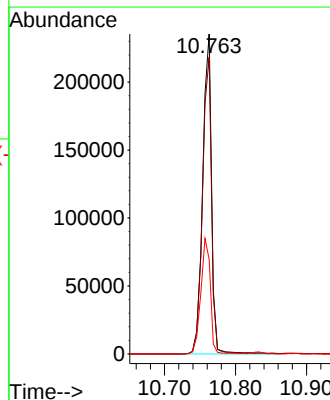
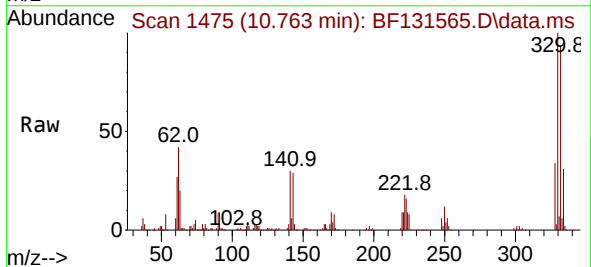
Instrument :
BNA_F
ClientSampleId :
PB149479BS

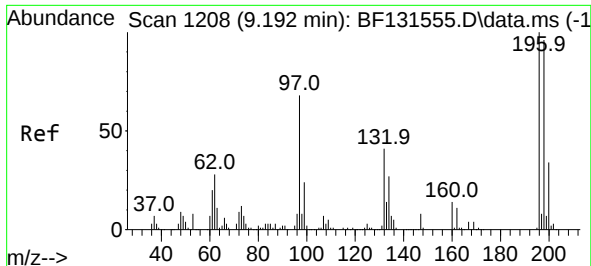
Tgt Ion:237 Resp: 266587
Ion Ratio Lower Upper
237 100
235 64.3 40.6 80.6
272 12.9 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 157.137 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:330 Resp: 205510
Ion Ratio Lower Upper
330 100
332 94.1 78.3 117.5
141 38.7 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 42.483 ng

RT: 9.192 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

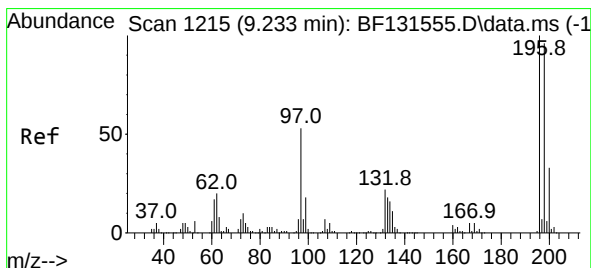
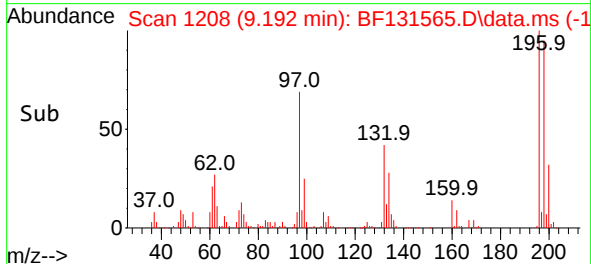
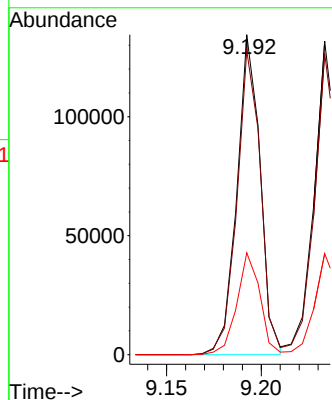
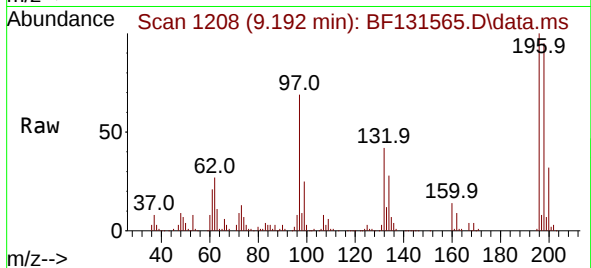
Tgt Ion:196 Resp: 114502

Ion Ratio Lower Upper

196 100

198 95.1 76.9 115.3

200 31.9 26.9 40.3



#44

2,4,5-Trichlorophenol

Concen: 43.164 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Tgt Ion:196 Resp: 125115

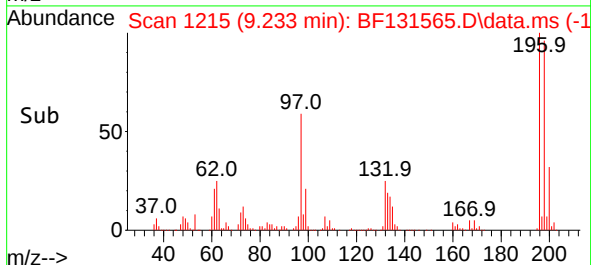
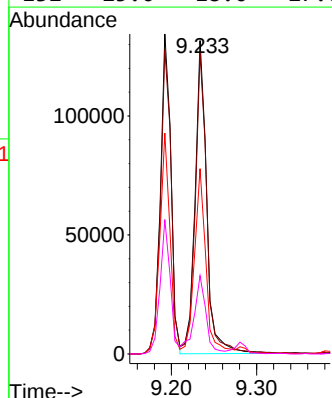
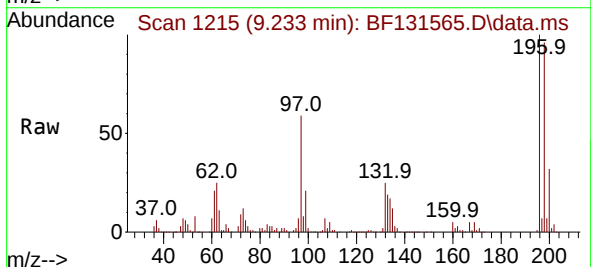
Ion Ratio Lower Upper

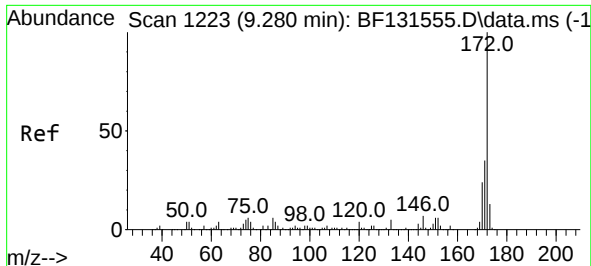
196 100

198 96.1 77.2 115.8

97 59.1 42.2 63.2

132 25.0 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 85.672 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

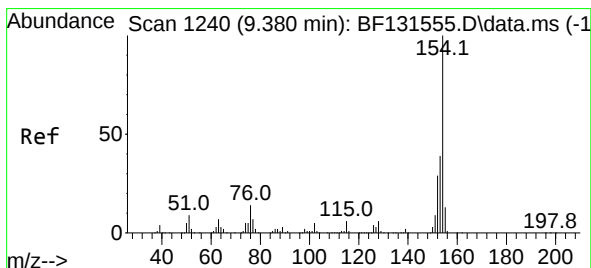
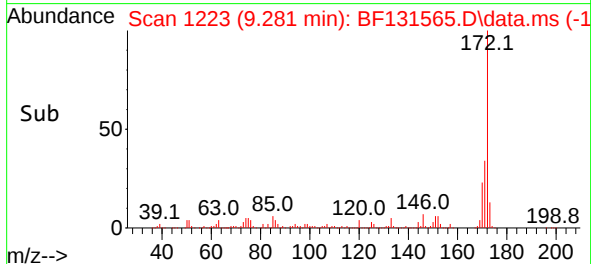
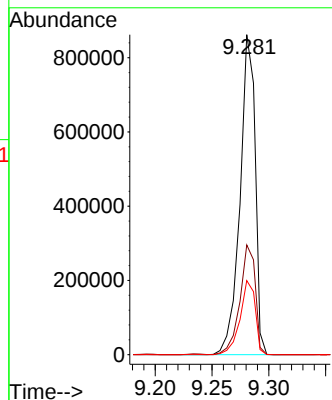
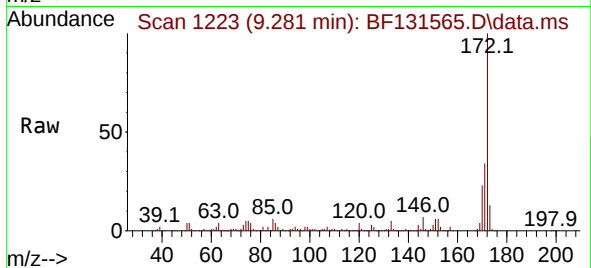
Tgt Ion:172 Resp: 799827

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.2 19.3 28.9



#46

1,1'-Biphenyl

Concen: 43.580 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

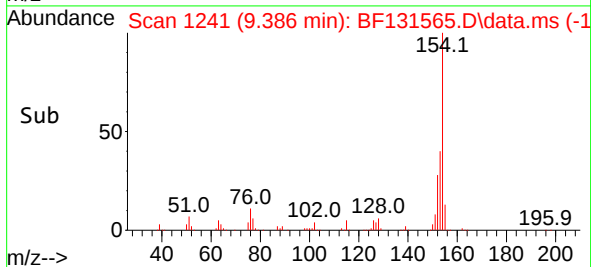
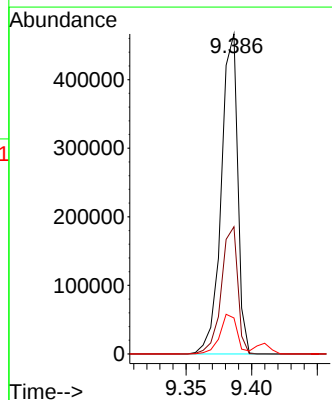
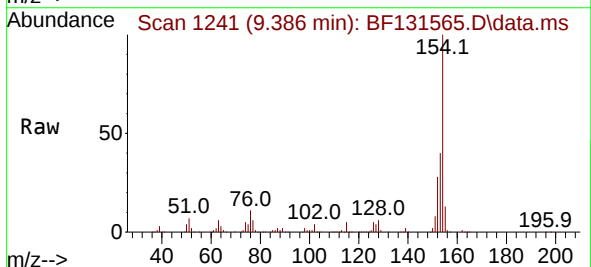
Tgt Ion:154 Resp: 405607

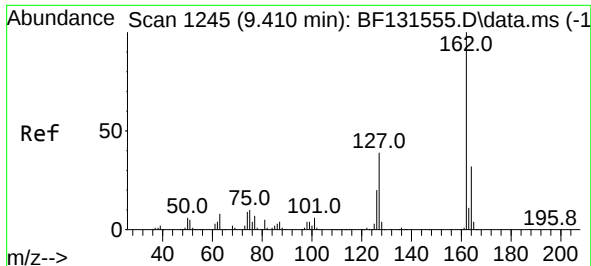
Ion Ratio Lower Upper

154 100

153 39.8 19.4 59.4

76 11.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.283 ng

RT: 9.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

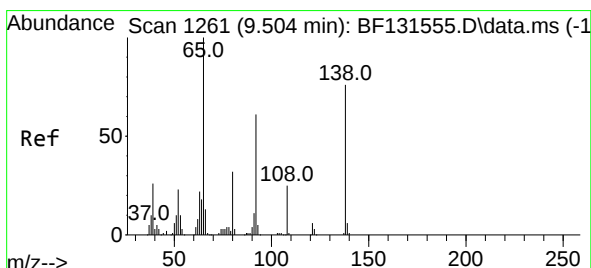
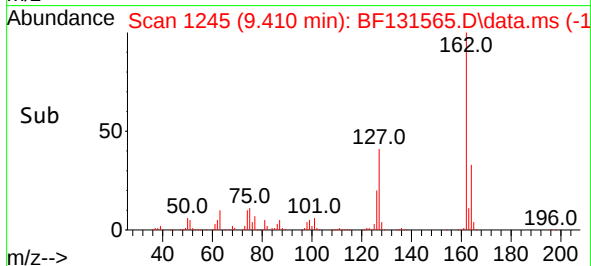
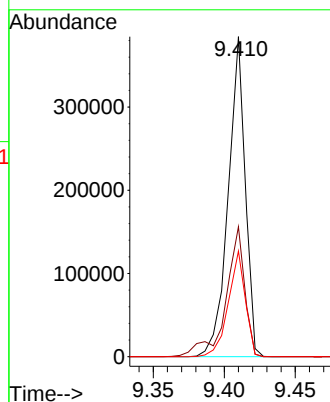
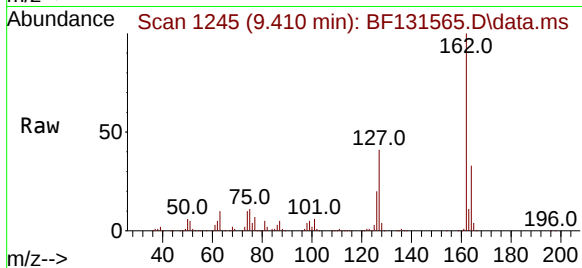
Tgt Ion:162 Resp: 320628

Ion Ratio Lower Upper

162 100

127 40.6 31.4 47.2

164 33.0 25.8 38.8



#48

2-Nitroaniline

Concen: 44.672 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

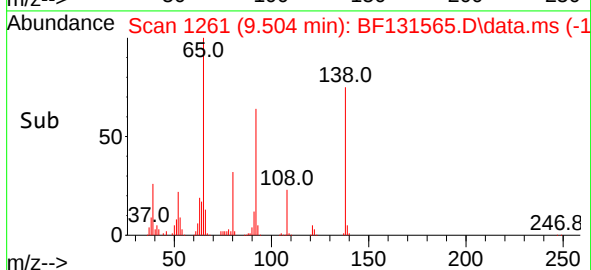
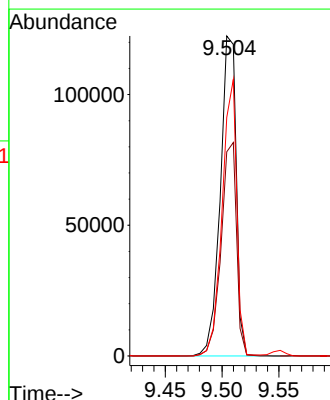
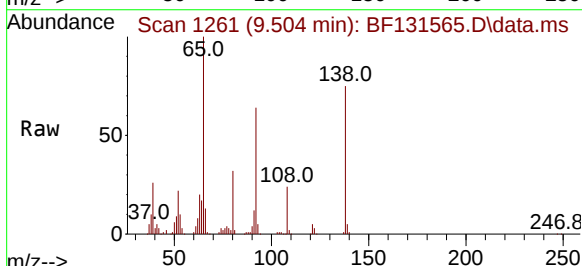
Tgt Ion: 65 Resp: 119996

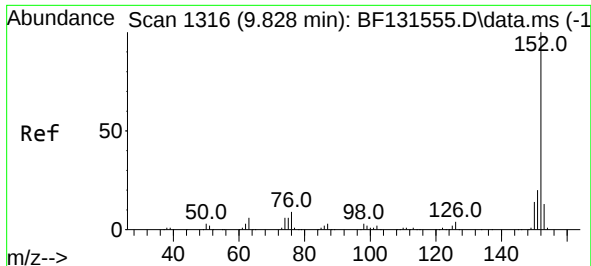
Ion Ratio Lower Upper

65 100

92 63.8 49.2 73.8

138 74.6 60.7 91.1





#49

Acenaphthylene

Concen: 43.884 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131565.D

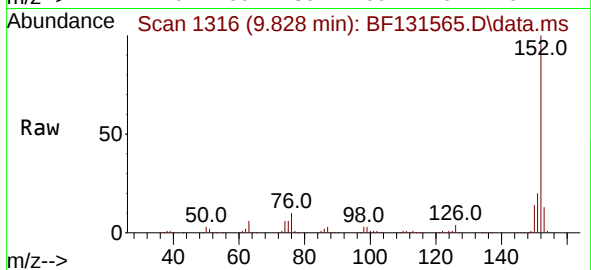
Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS



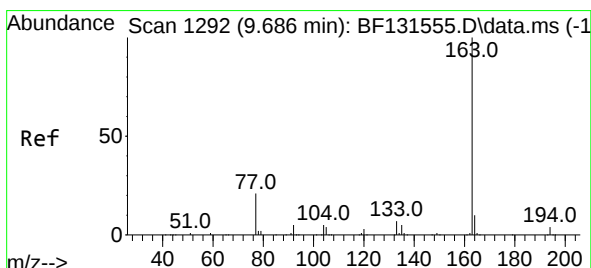
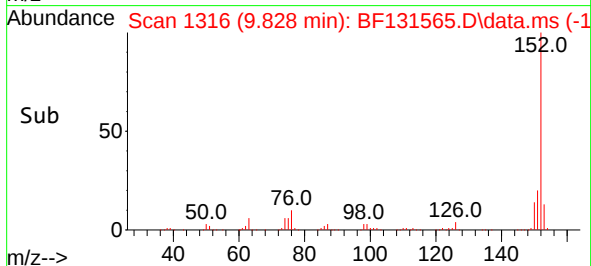
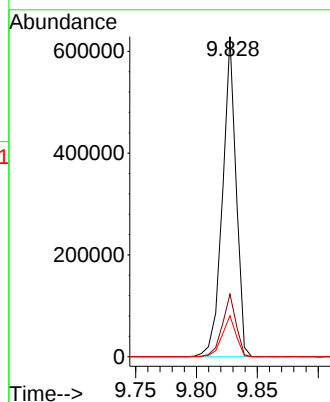
Tgt Ion:152 Resp: 488600

Ion Ratio Lower Upper

152 100

151 19.5 15.6 23.4

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 44.031 ng

RT: 9.686 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

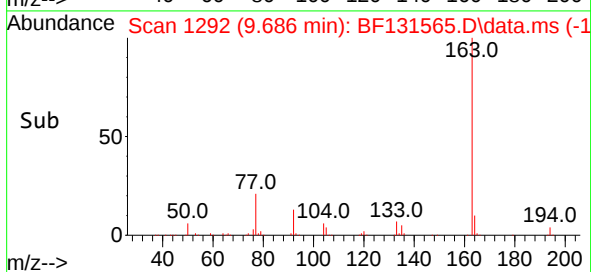
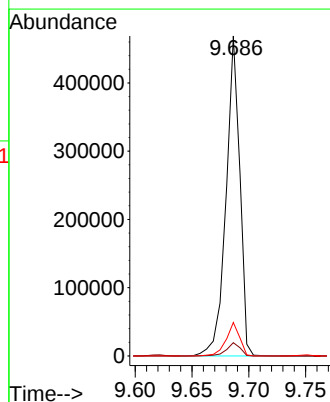
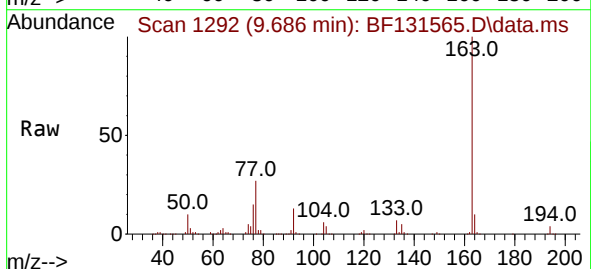
Tgt Ion:163 Resp: 395115

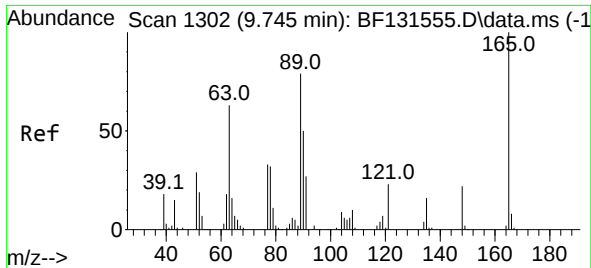
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.5 7.8 11.6

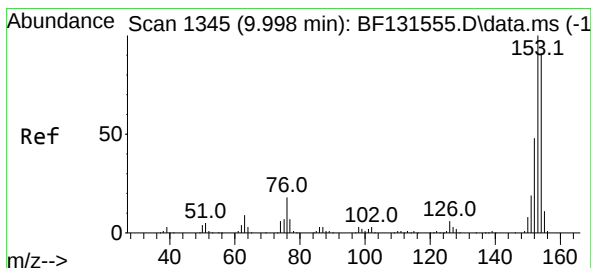
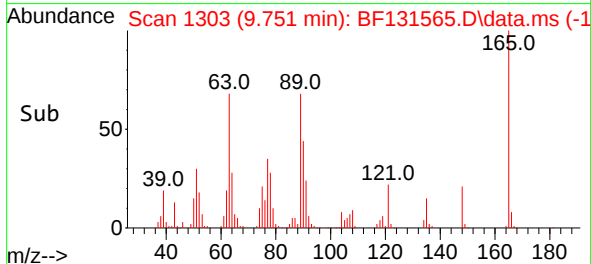
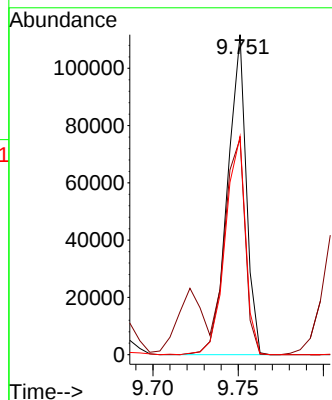
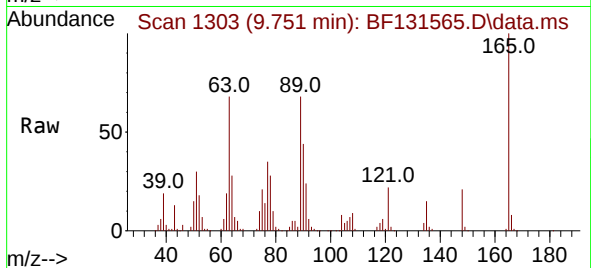




#51
2,6-Dinitrotoluene
Concen: 46.085 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

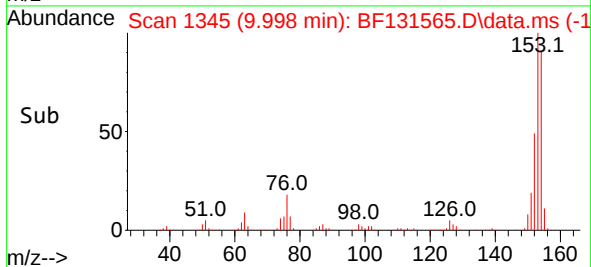
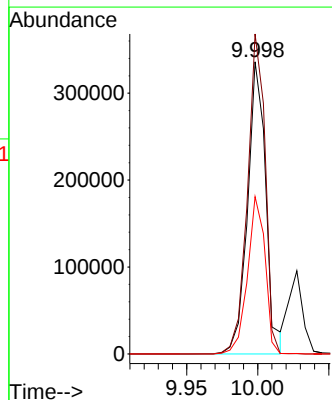
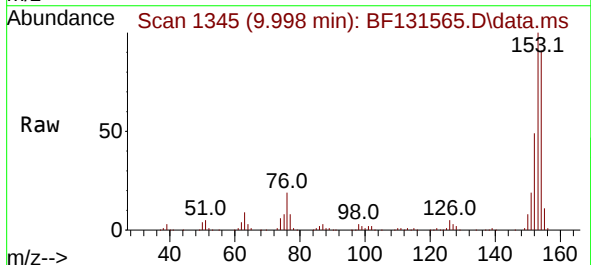
Instrument :
BNA_F
ClientSampleId :
PB149479BS

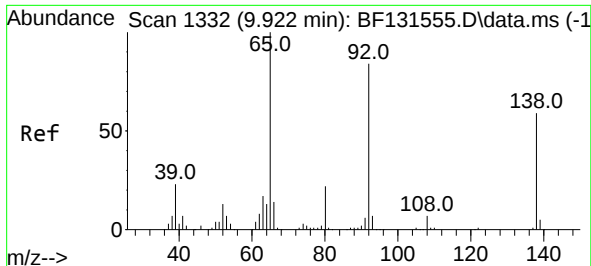
Tgt Ion:165 Resp: 85374
Ion Ratio Lower Upper
165 100
63 67.5 67.9 101.9#
89 68.2 63.2 94.8



#52
Acenaphthene
Concen: 40.003 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:154 Resp: 298375
Ion Ratio Lower Upper
154 100
153 109.5 87.9 131.9
152 53.9 42.4 63.6

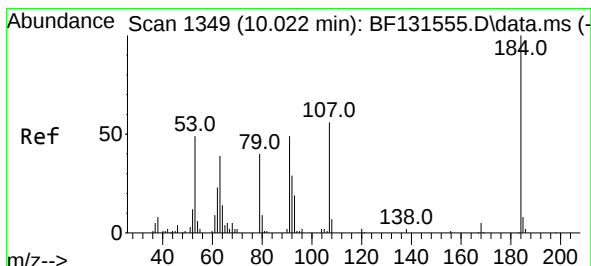
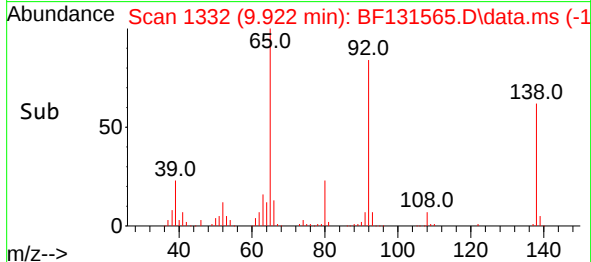
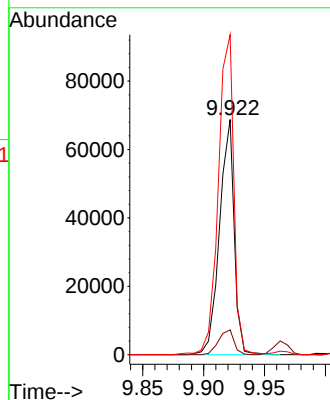
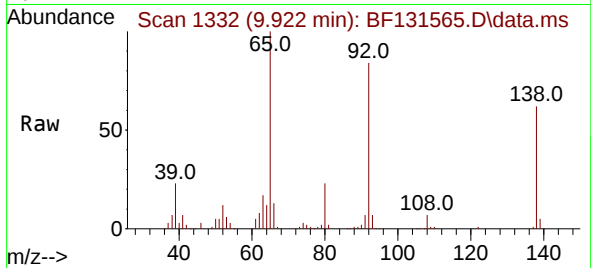




#53
3-Nitroaniline
Concen: 32.359 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

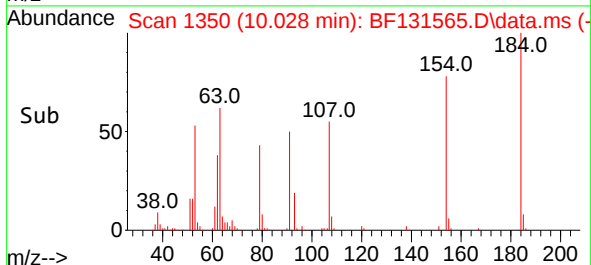
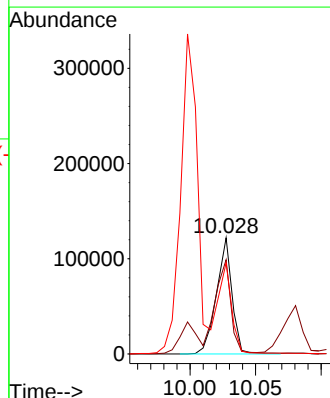
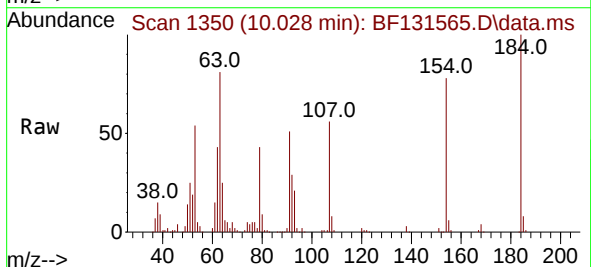
Instrument :
BNA_F
ClientSampleId :
PB149479BS

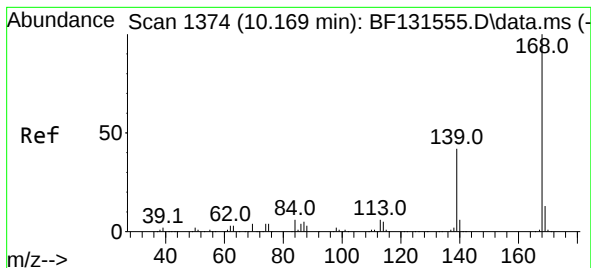
Tgt Ion:138 Resp: 57517
Ion Ratio Lower Upper
138 100
108 10.6 9.6 14.4
92 136.1 113.4 170.0



#54
2,4-Dinitrophenol
Concen: 94.722 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:184 Resp: 101294
Ion Ratio Lower Upper
184 100
63 81.1 60.7 91.1
154 78.4 59.0 88.6





#55

Dibenzenofuran

Concen: 43.325 ng

RT: 10.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

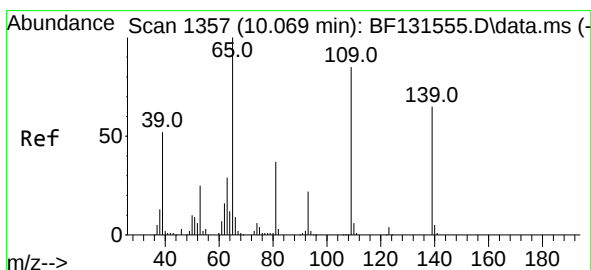
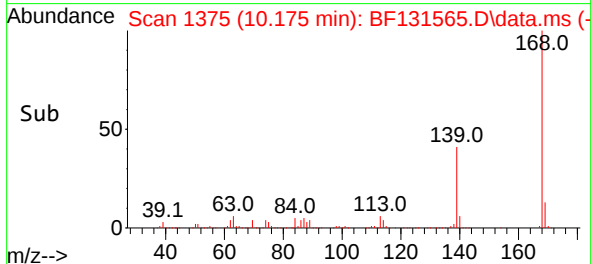
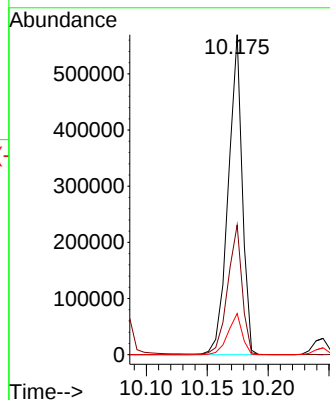
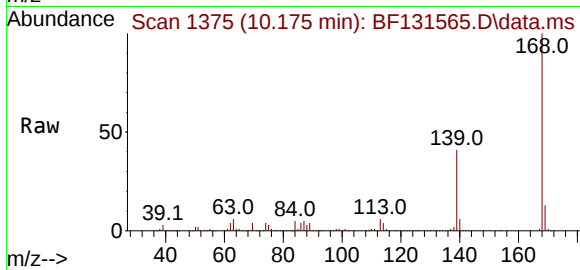
Tgt Ion:168 Resp: 456598

Ion Ratio Lower Upper

168 100

139 40.6 33.9 50.9

169 12.9 10.7 16.1



#56

4-Nitrophenol

Concen: 96.678 ng

RT: 10.080 min Scan# 1359

Delta R.T. 0.012 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

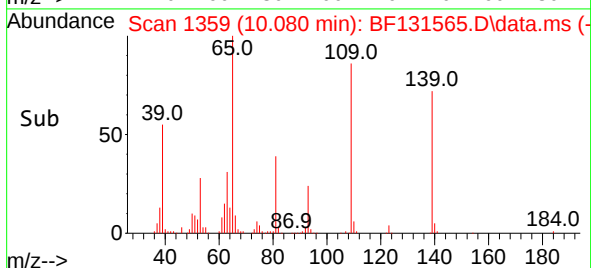
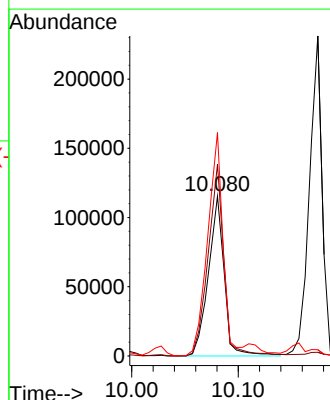
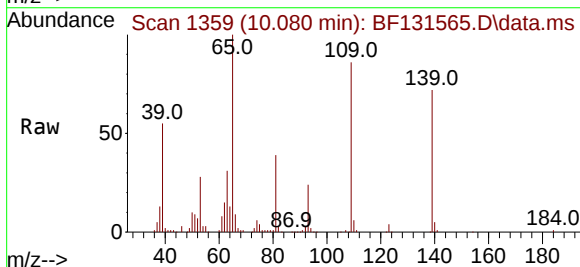
Tgt Ion:139 Resp: 119375

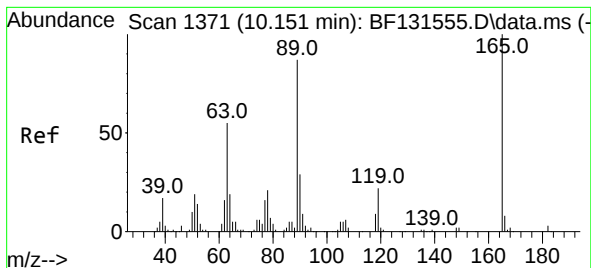
Ion Ratio Lower Upper

139 100

109 119.9 110.2 150.2

65 139.7 133.3 173.3

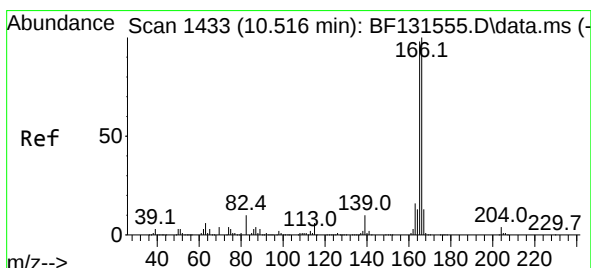
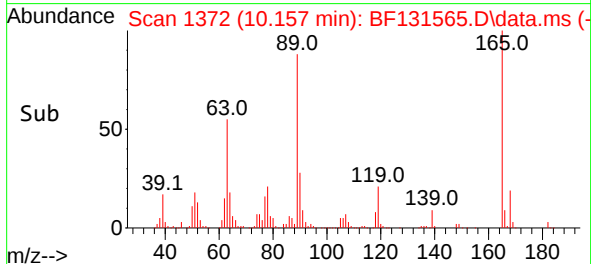
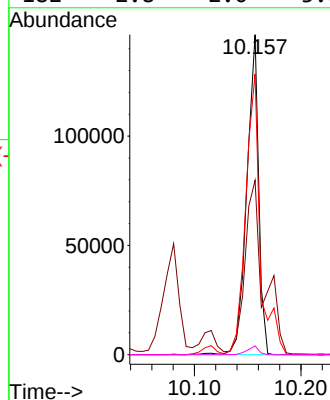
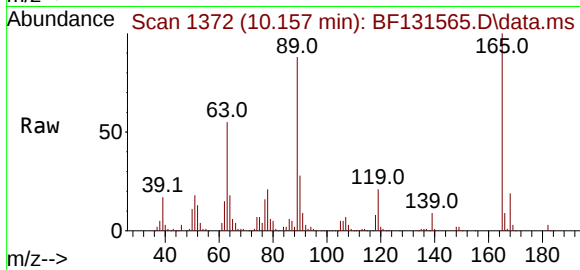




#57
2,4-Dinitrotoluene
Concen: 46.243 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

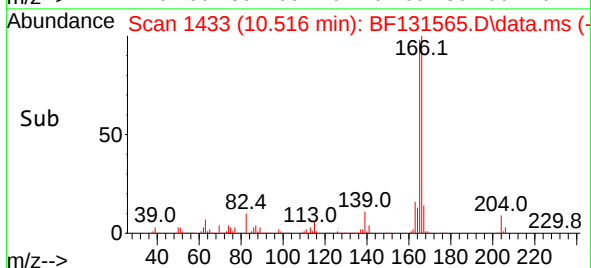
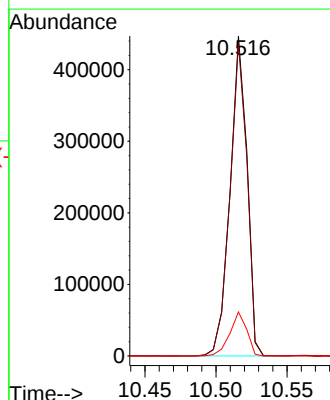
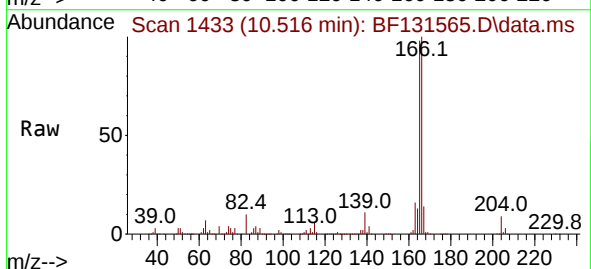
Instrument :
BNA_F
ClientSampleId :
PB149479BS

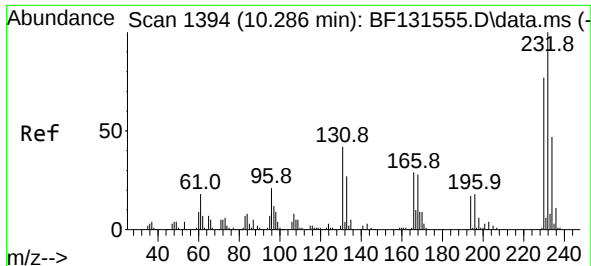
Tgt Ion:165 Resp: 113640
Ion Ratio Lower Upper
165 100
63 54.5 44.4 66.6
89 87.7 69.6 104.4
182 2.8 2.0 3.0



#58
Fluorene
Concen: 43.577 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:166 Resp: 373349
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 13.8 10.7 16.1

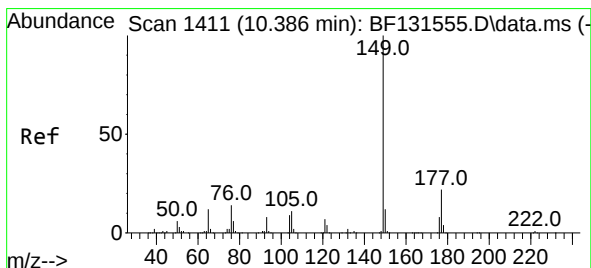
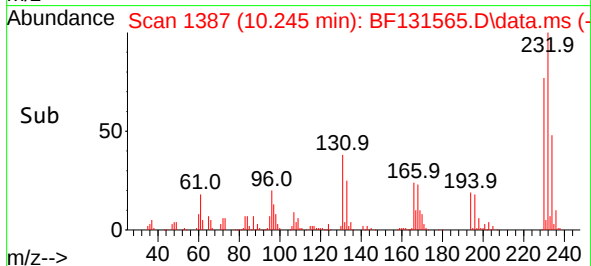
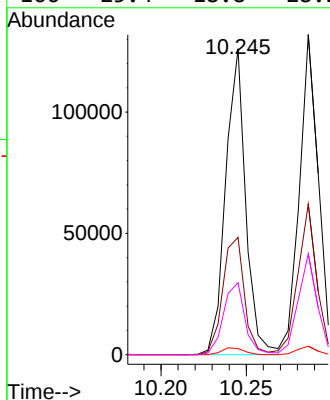
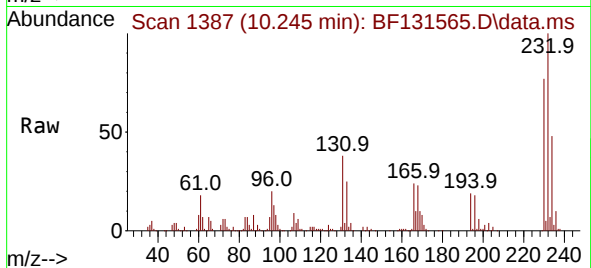




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.206 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

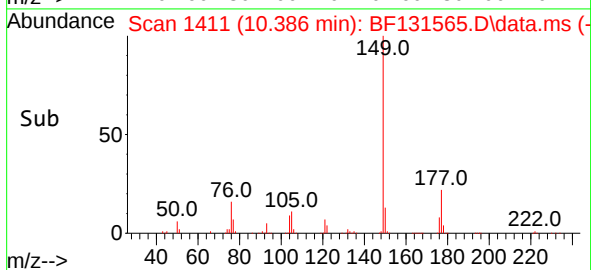
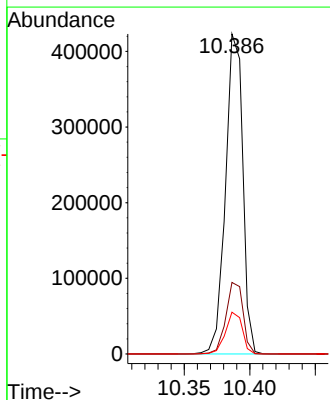
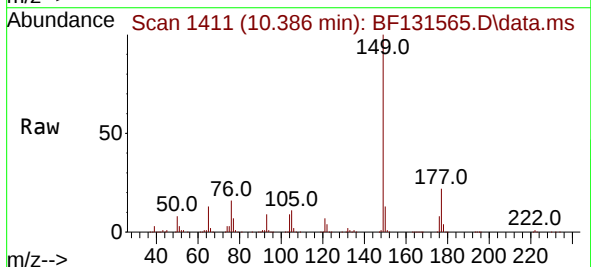
Instrument :
BNA_F
ClientSampleId :
PB149479BS

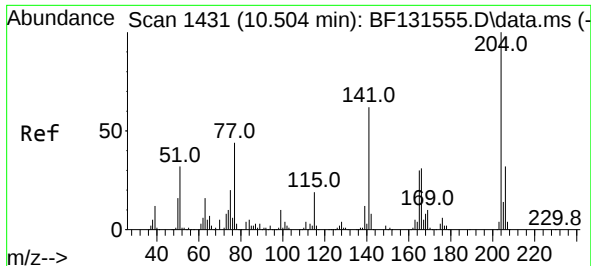
Tgt Ion:232 Resp: 103596
Ion Ratio Lower Upper
232 100
131 41.4 31.0 46.6
130 2.5 1.8 2.8
166 25.4 18.8 28.2



#60
Diethylphthalate
Concen: 44.938 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:149 Resp: 386971
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.2
150 13.1 9.7 14.5

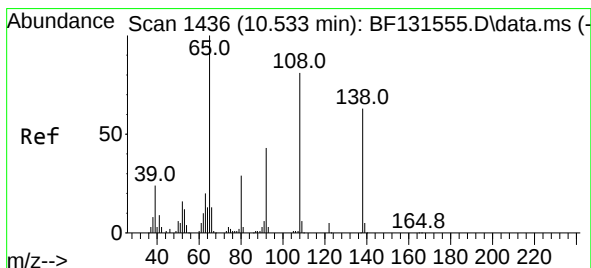
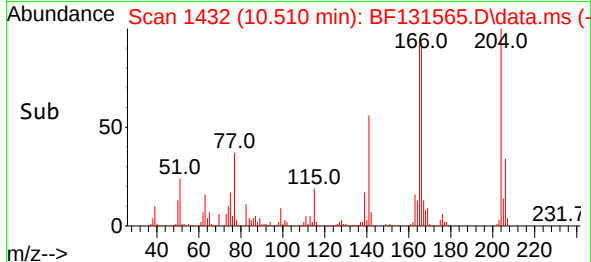
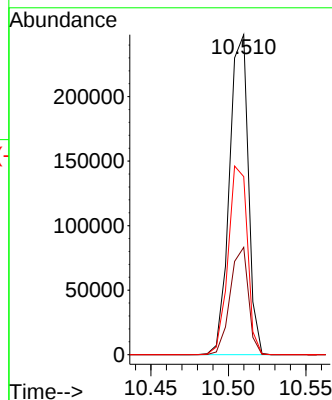
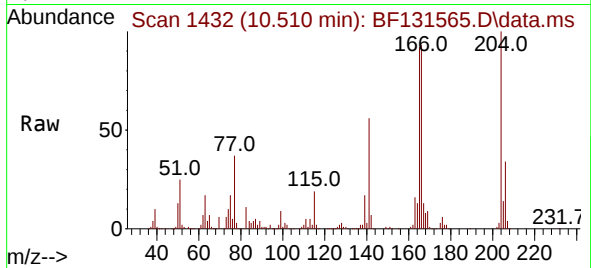




#61
4-Chlorophenyl-phenylether
Concen: 44.488 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

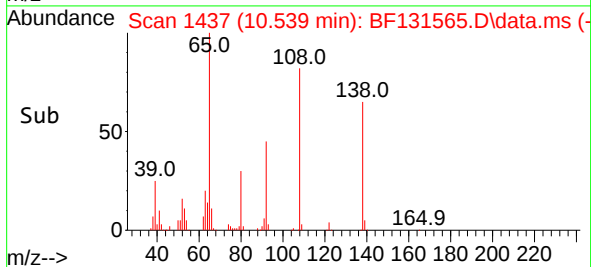
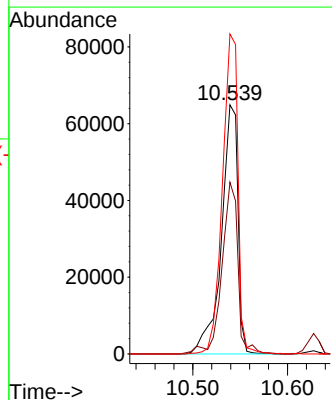
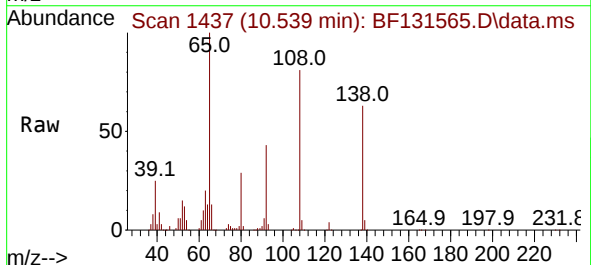
Instrument :
BNA_F
ClientSampleId :
PB149479BS

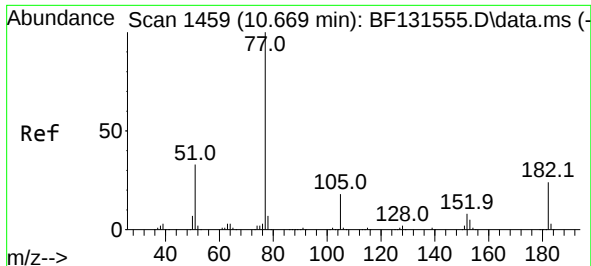
Tgt Ion:204 Resp: 210637
Ion Ratio Lower Upper
204 100
206 33.5 25.4 38.2
141 55.6 49.5 74.3



#62
4-Nitroaniline
Concen: 44.778 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:138 Resp: 78870
Ion Ratio Lower Upper
138 100
92 68.9 47.5 87.5
108 128.4 108.8 148.8

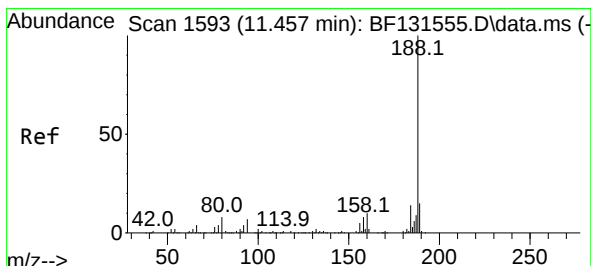
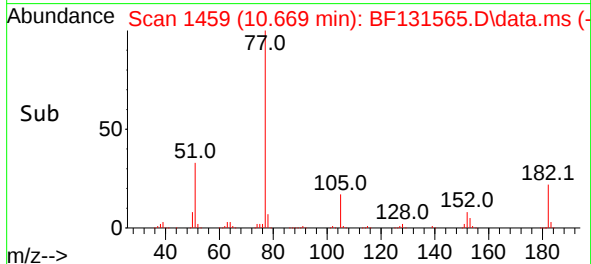
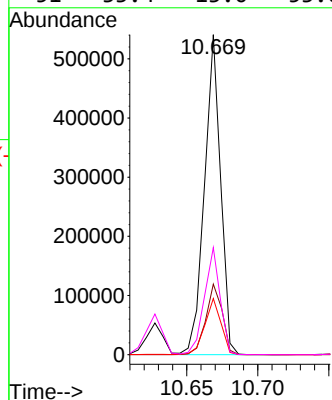
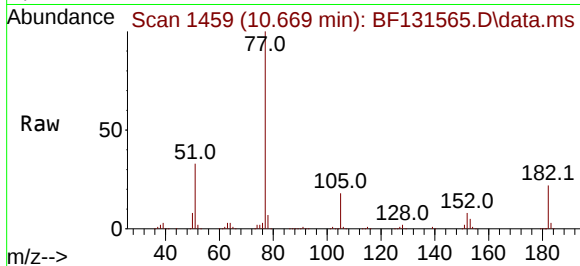




#63
Azobenzene
Concen: 43.594 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

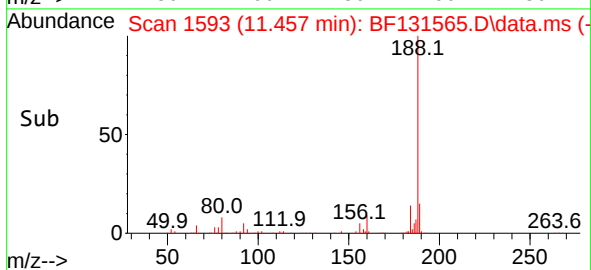
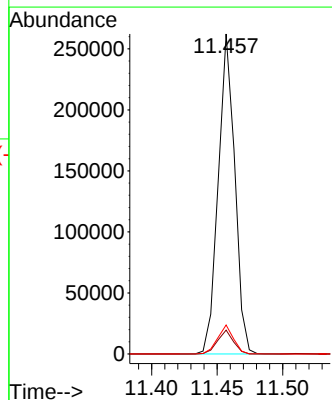
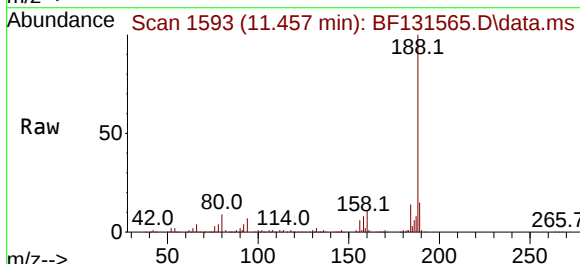
Instrument :
BNA_F
ClientSampleId :
PB149479BS

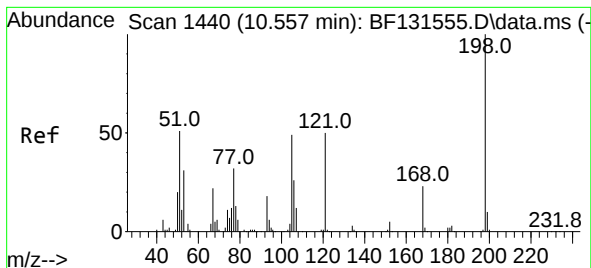
Tgt Ion: 77	Resp: 428166
Ion Ratio	Lower Upper
77 100	
182 22.1	3.9 43.9
105 17.5	0.0 38.3
51 33.4	13.0 53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:188	Resp: 229718
Ion Ratio	Lower Upper
188 100	
94 7.5	5.5 8.3
80 9.1	6.6 10.0

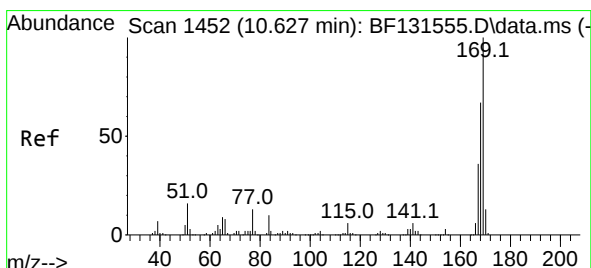
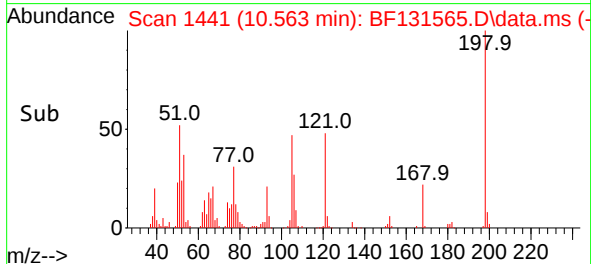
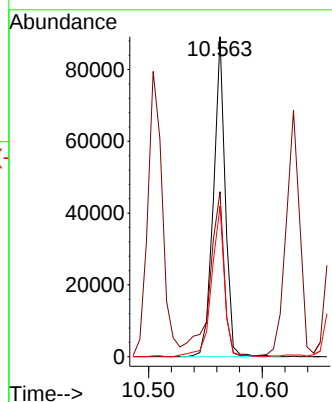
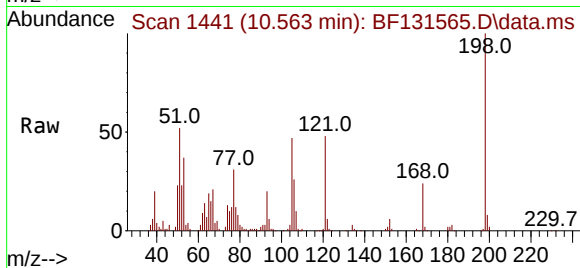




#65
4,6-Dinitro-2-methylphenol
Concen: 44.084 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

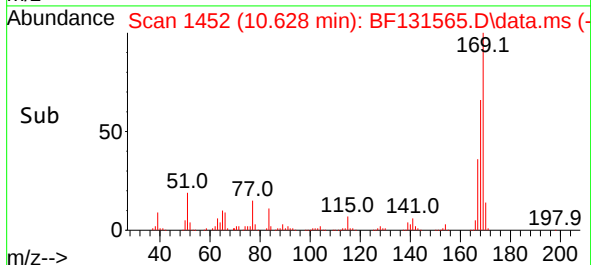
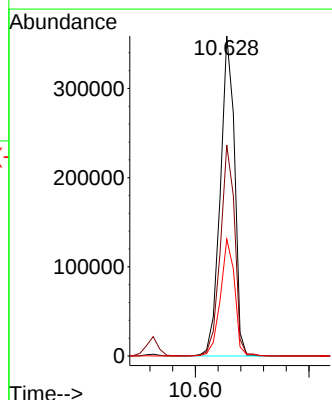
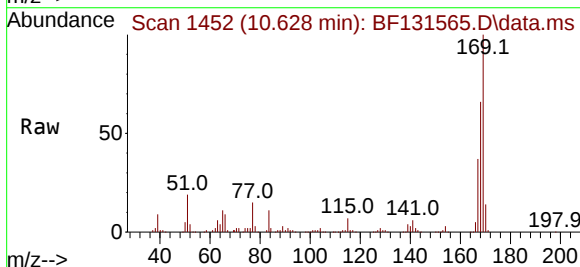
Instrument :
BNA_F
ClientSampleId :
PB149479BS

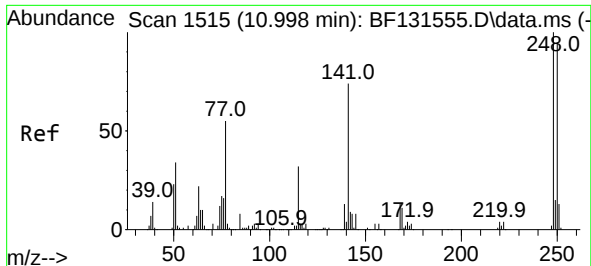
Tgt Ion:198 Resp: 64141
Ion Ratio Lower Upper
198 100
51 51.6 36.7 76.7
105 47.1 29.9 69.9



#66
n-Nitrosodiphenylamine
Concen: 42.252 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:169 Resp: 313787
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.5 29.1 43.7





#67

4-Bromophenyl-phenylether

Concen: 43.053 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

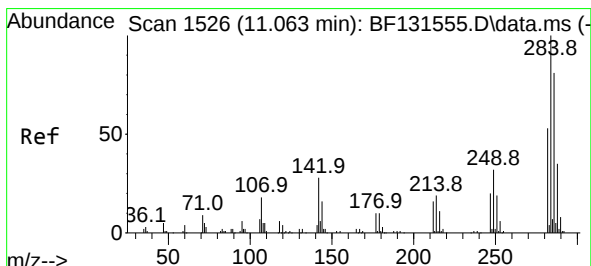
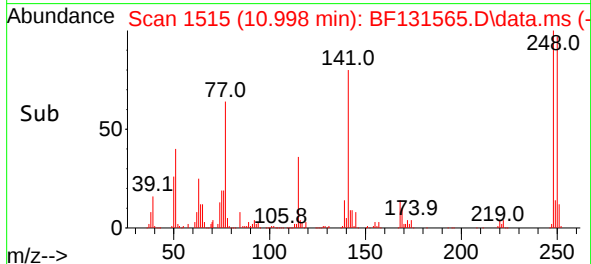
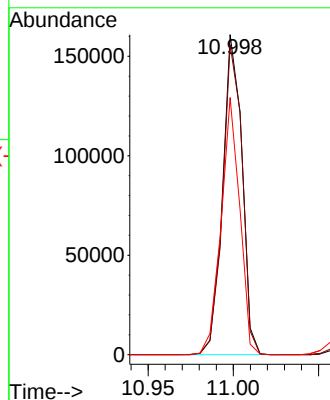
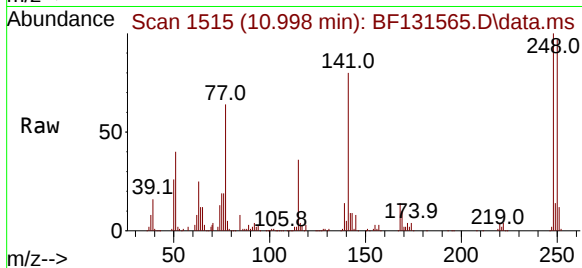
Tgt Ion:248 Resp: 127228

Ion Ratio Lower Upper

248 100

250 96.9 76.2 114.2

141 80.3 59.5 89.3



#68

Hexachlorobenzene

Concen: 43.233 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

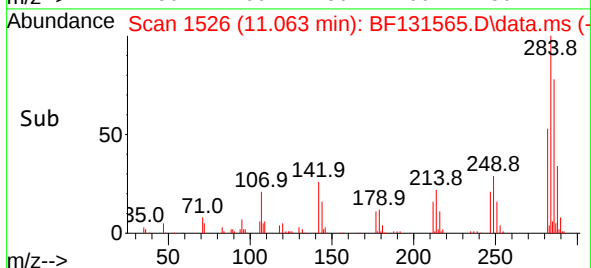
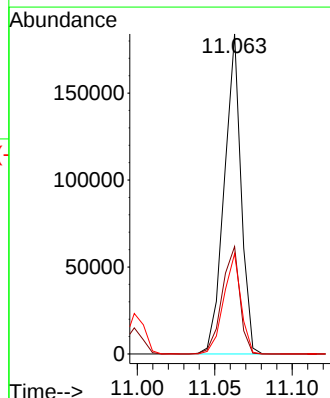
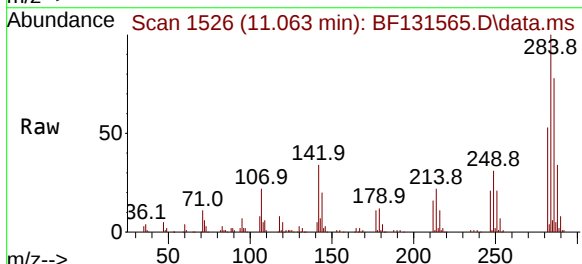
Tgt Ion:284 Resp: 138193

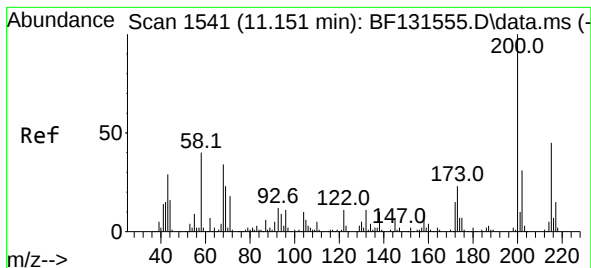
Ion Ratio Lower Upper

284 100

142 33.6 22.3 33.5#

249 31.3 25.4 38.2





#69

Atrazine

Concen: 51.993 ng

RT: 11.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

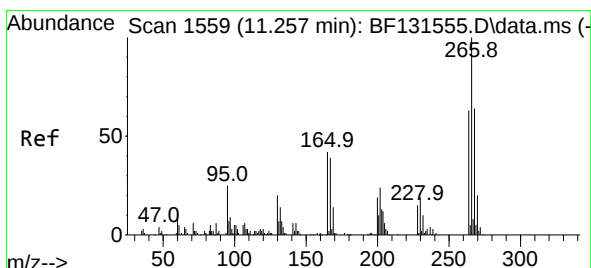
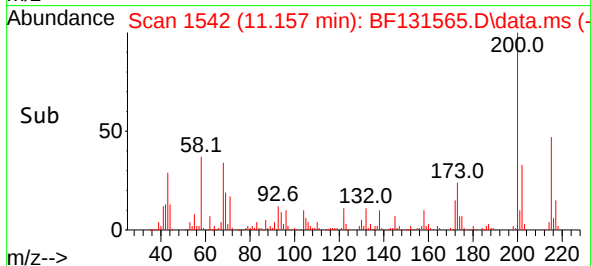
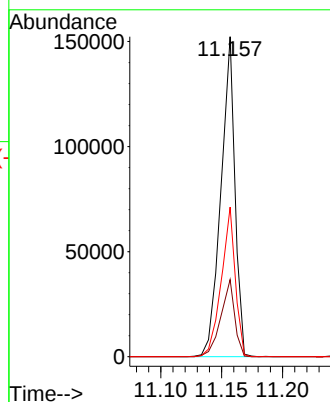
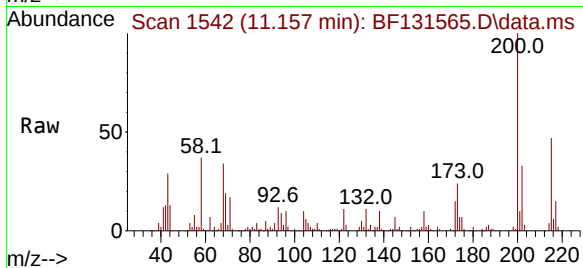
Tgt Ion:200 Resp: 122619

Ion Ratio Lower Upper

200 100

173 24.1 3.4 43.4

215 46.8 25.0 65.0



#70

Pentachlorophenol

Concen: 92.720 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

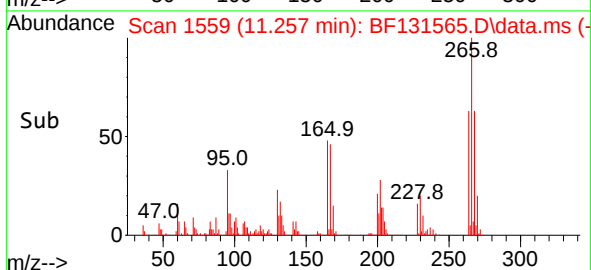
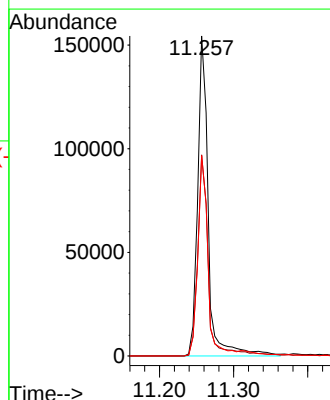
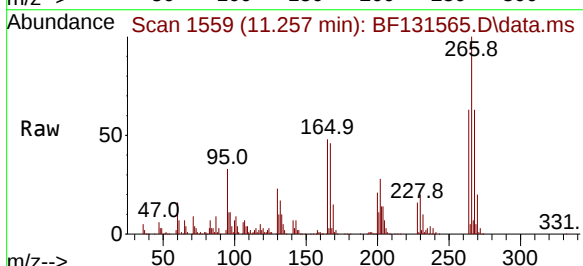
Tgt Ion:266 Resp: 152578

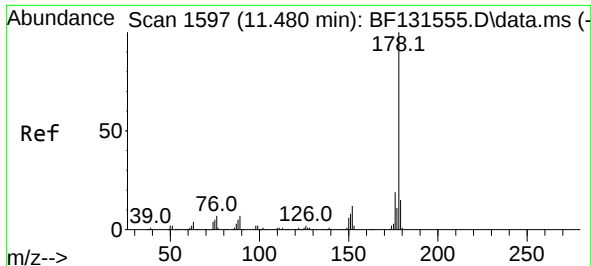
Ion Ratio Lower Upper

266 100

268 62.8 51.5 77.3

264 62.6 50.7 76.1

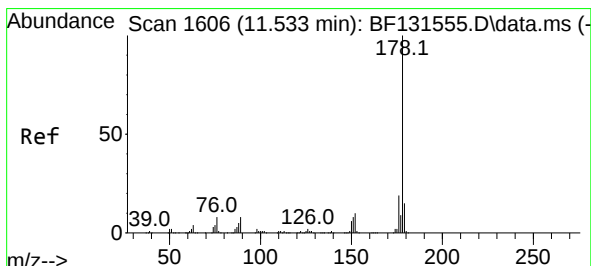
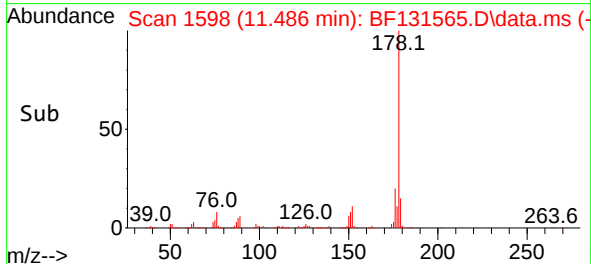
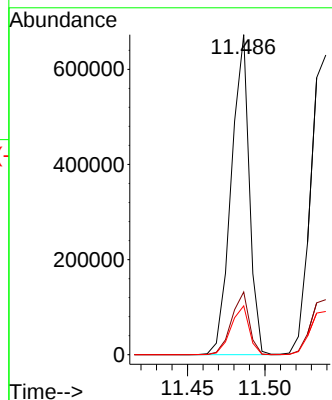
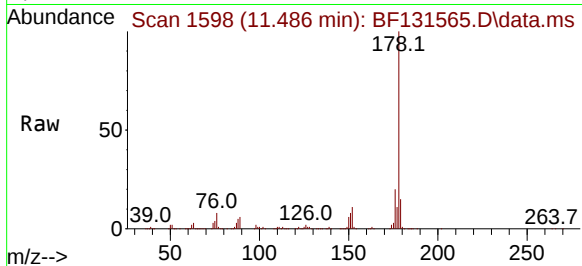




#71
Phenanthrene
Concen: 42.475 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

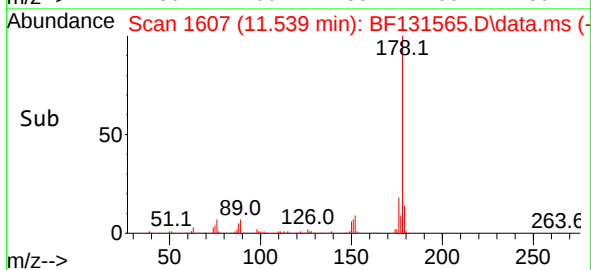
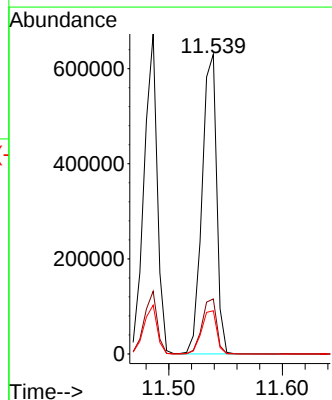
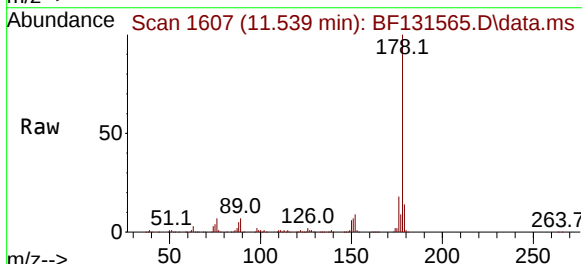
Instrument :
BNA_F
ClientSampleId :
PB149479BS

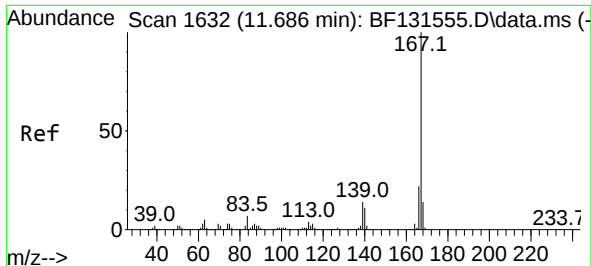
Tgt Ion:178 Resp: 543862
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.2 12.2 18.4



#72
Anthracene
Concen: 45.061 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:178 Resp: 561341
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 14.4 12.3 18.5

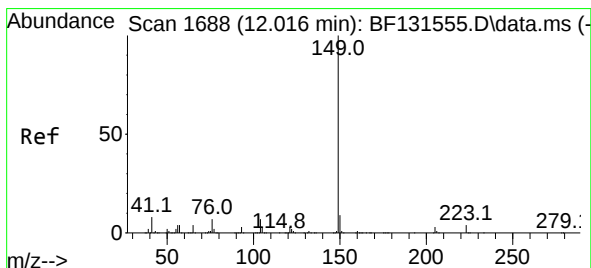
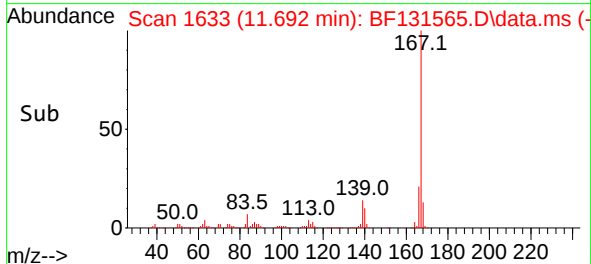
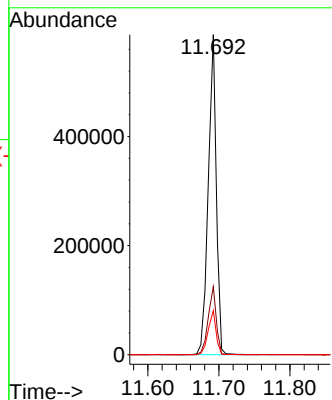
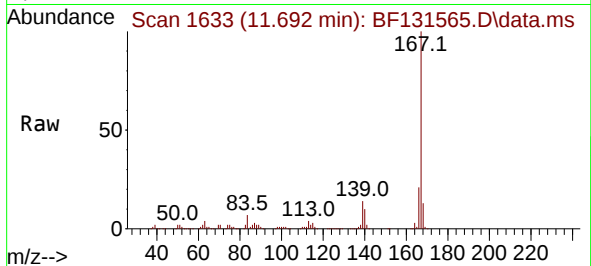




#73
Carbazole
Concen: 45.639 ng
RT: 11.692 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

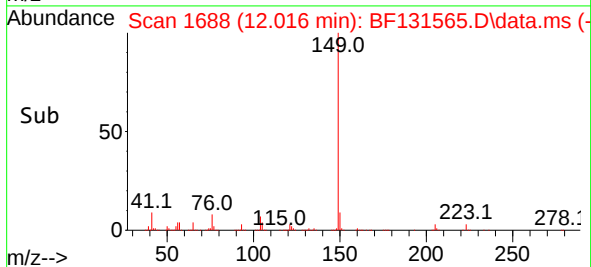
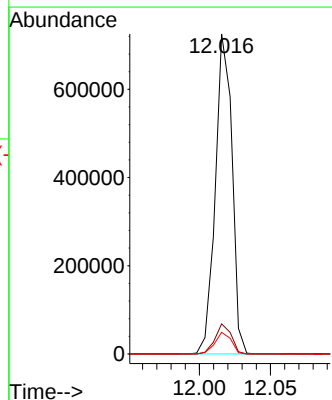
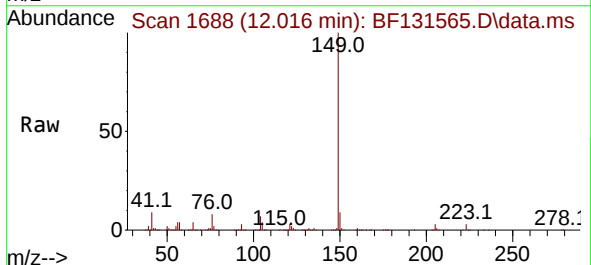
Instrument :
BNA_F
ClientSampleId :
PB149479BS

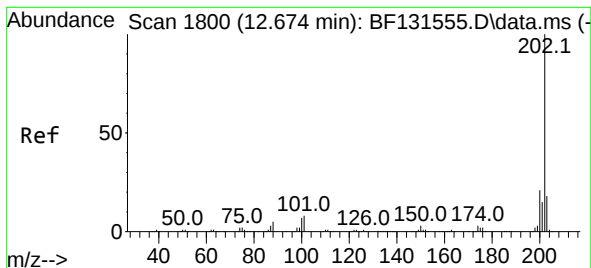
Tgt Ion:167 Resp: 464069
Ion Ratio Lower Upper
167 100
166 21.3 17.4 26.0
139 13.8 11.0 16.4



#74
Di-n-butylphthalate
Concen: 47.352 ng
RT: 12.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:149 Resp: 590691
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 6.8 5.2 7.8





#75

Fluoranthene

Concen: 44.855 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

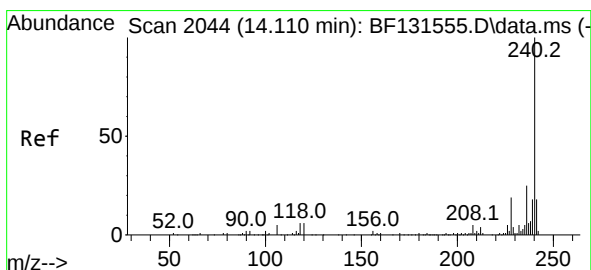
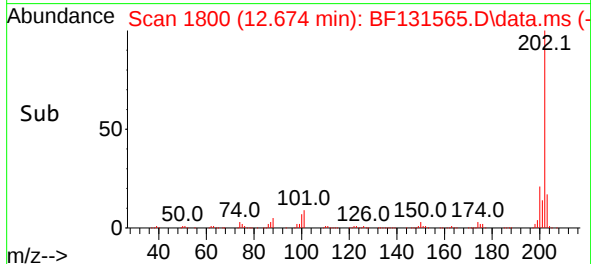
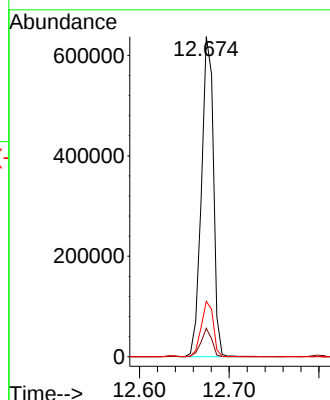
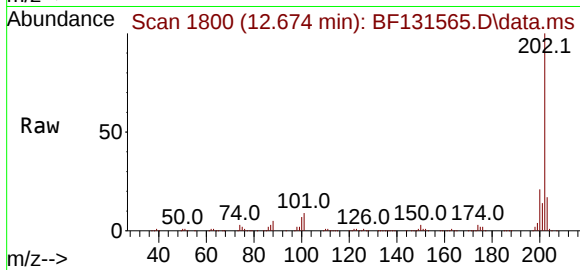
Tgt Ion:202 Resp: 591405

Ion Ratio Lower Upper

202 100

101 8.9 0.0 27.7

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

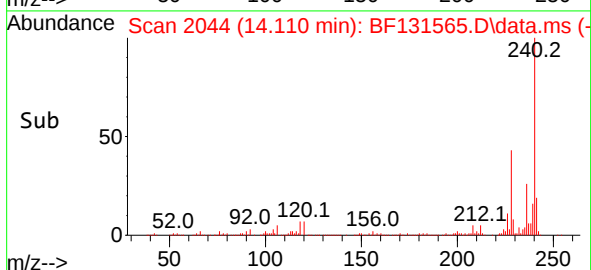
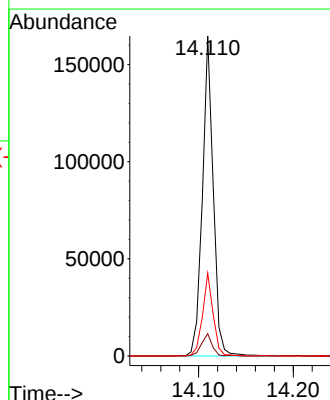
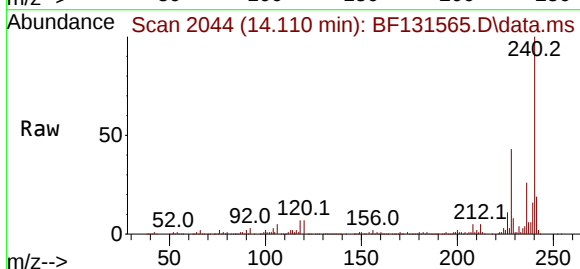
Tgt Ion:240 Resp: 131945

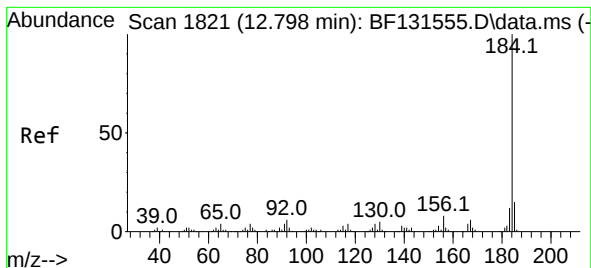
Ion Ratio Lower Upper

240 100

120 7.0 4.6 7.0#

236 25.9 20.2 30.2





#77

Benzidine

Concen: 67.955 ng

RT: 12.798 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

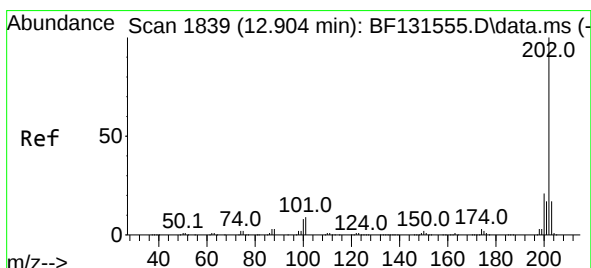
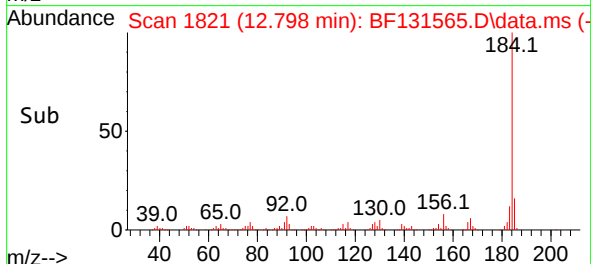
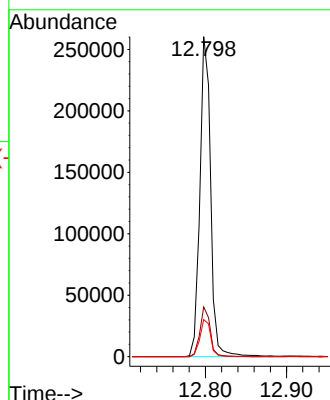
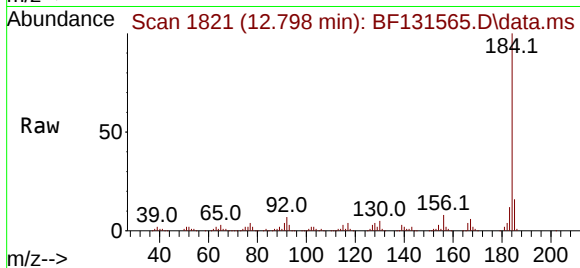
Tgt Ion:184 Resp: 240242

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

183 11.6 9.3 13.9



#78

Pyrene

Concen: 45.609 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

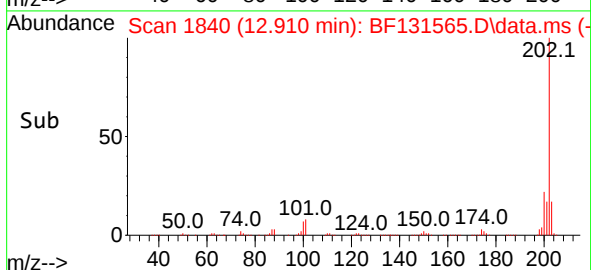
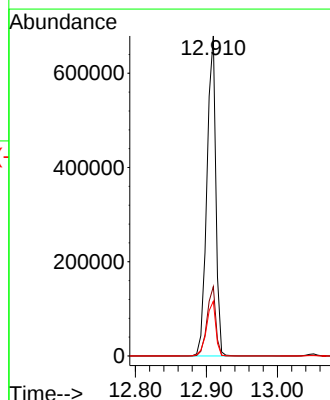
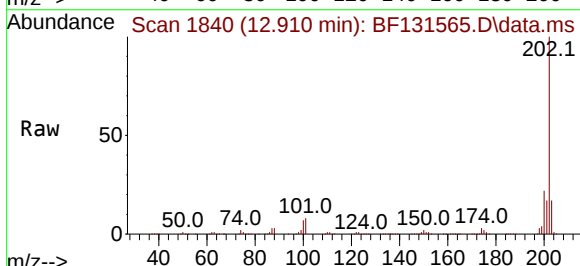
Tgt Ion:202 Resp: 593395

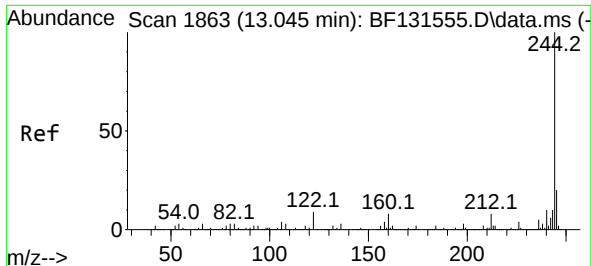
Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

203 17.1 13.8 20.6

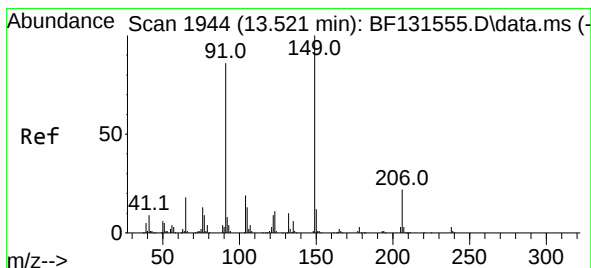
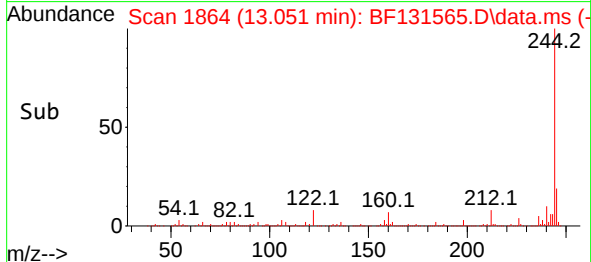
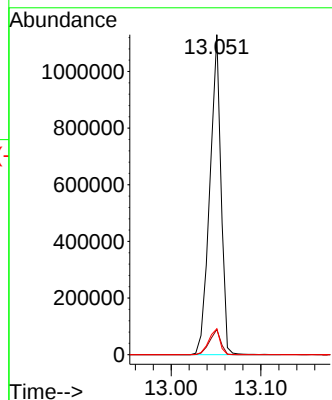
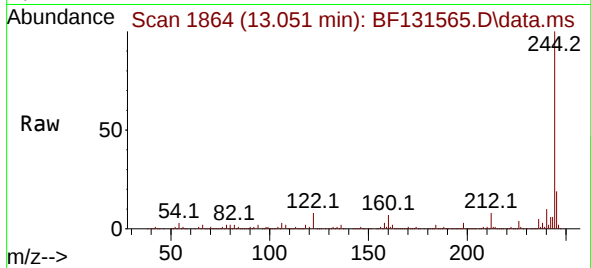




#79
 Terphenyl-d14
 Concen: 101.298 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131565.D
 Acq: 09 Dec 2022 14:20

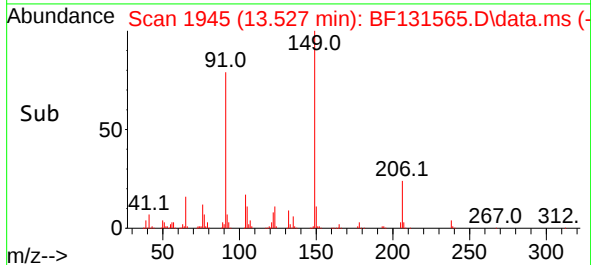
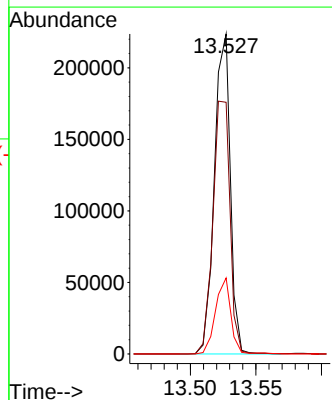
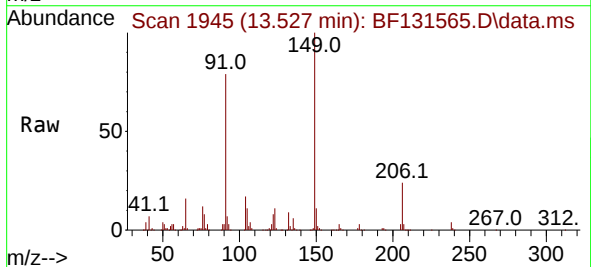
Instrument :
 BNA_F
 ClientSampleId :
 PB149479BS

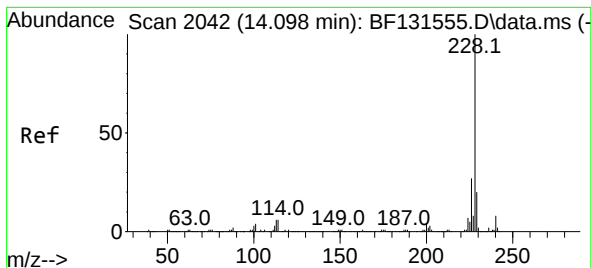
Tgt Ion:244 Resp: 974601
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.1 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 50.011 ng
 RT: 13.527 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: BF131565.D
 Acq: 09 Dec 2022 14:20

Tgt Ion:149 Resp: 188298
 Ion Ratio Lower Upper
 149 100
 91 78.7 69.0 103.4
 206 23.7 17.8 26.8





#81

Benzo(a)anthracene

Concen: 44.354 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

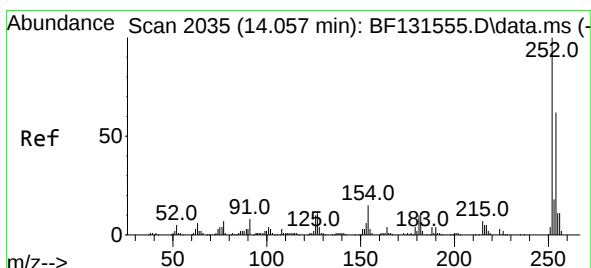
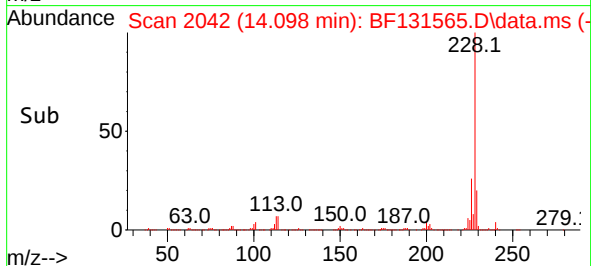
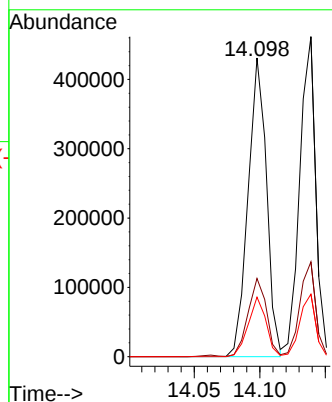
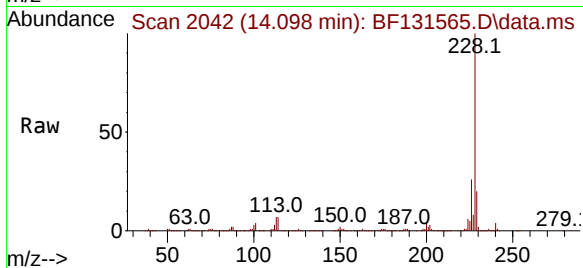
Tgt Ion:228 Resp: 422632

Ion Ratio Lower Upper

228 100

226 26.2 21.5 32.3

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.614 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

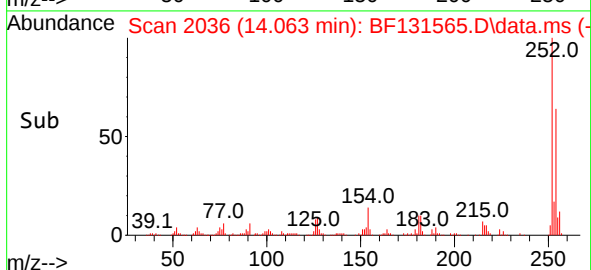
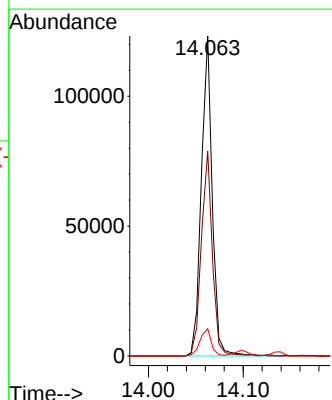
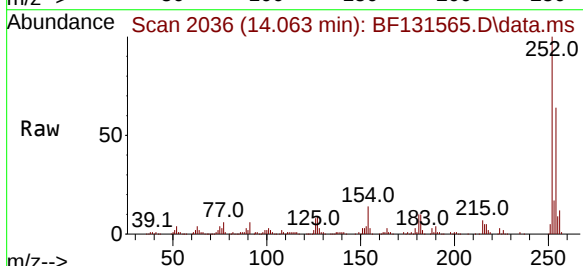
Tgt Ion:252 Resp: 99260

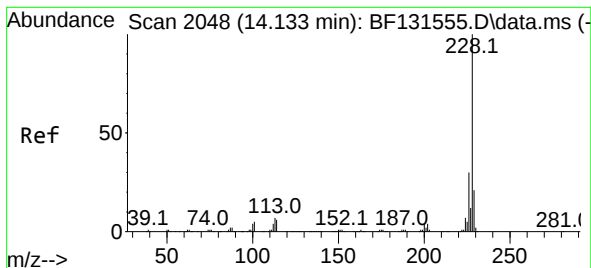
Ion Ratio Lower Upper

252 100

254 64.0 49.6 74.4

126 8.5 7.9 11.9





#83

Chrysene

Concen: 43.649 ng

RT: 14.139 min Scan# 2049

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

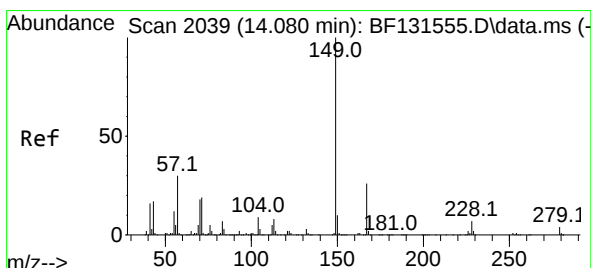
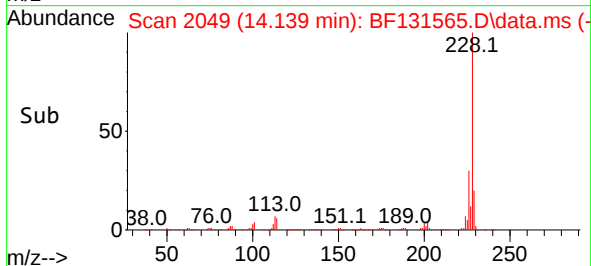
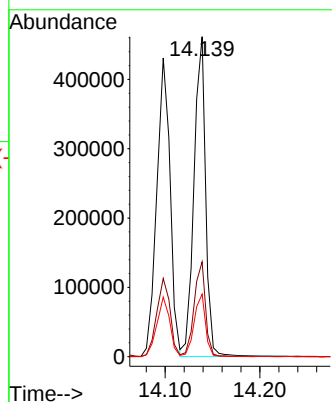
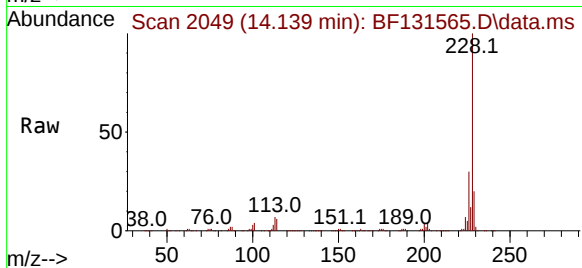
Tgt Ion:228 Resp: 395411

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.6 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.060 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

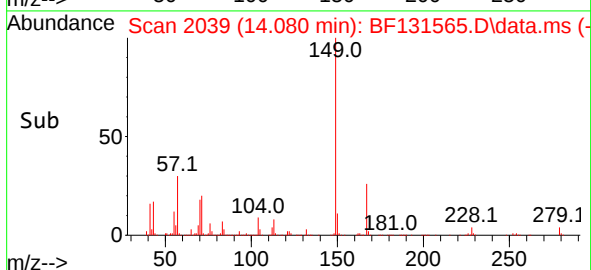
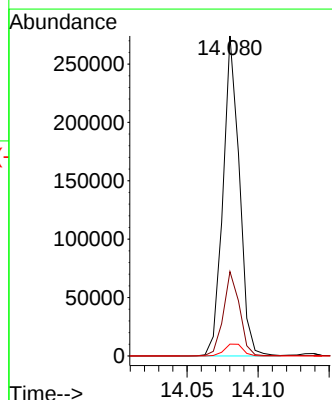
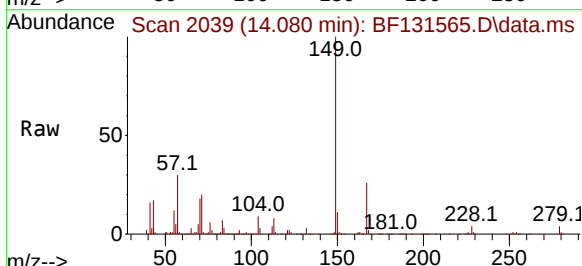
Tgt Ion:149 Resp: 219163

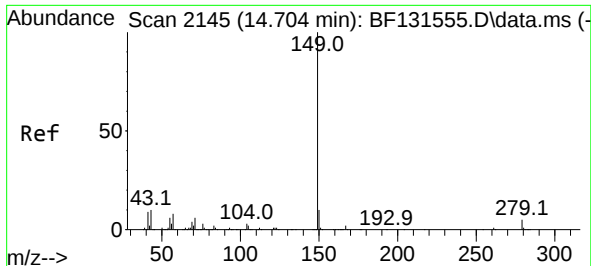
Ion Ratio Lower Upper

149 100

167 26.4 20.8 31.2

279 3.7 3.3 4.9

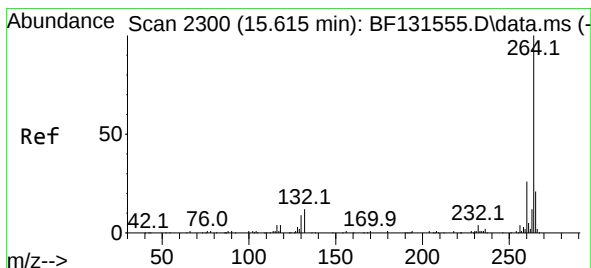
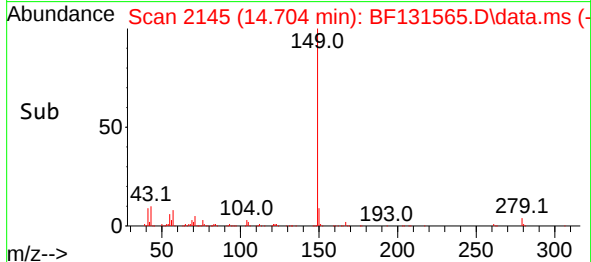
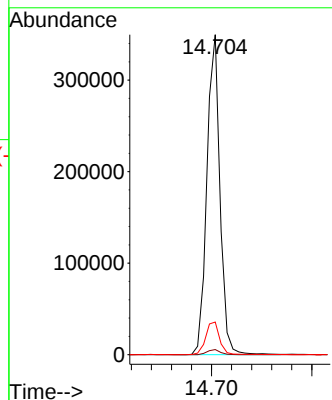
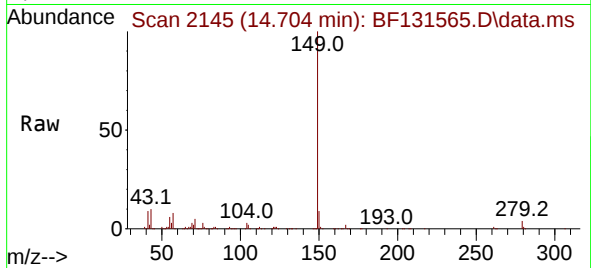




#85
Di-n-octyl phthalate
Concen: 38.949 ng
RT: 14.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

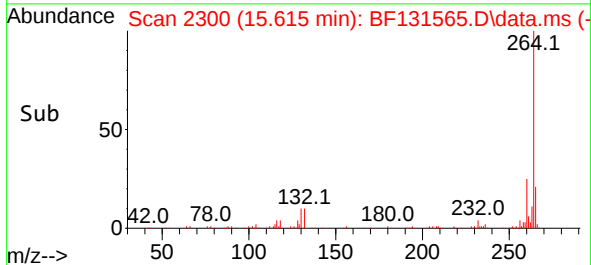
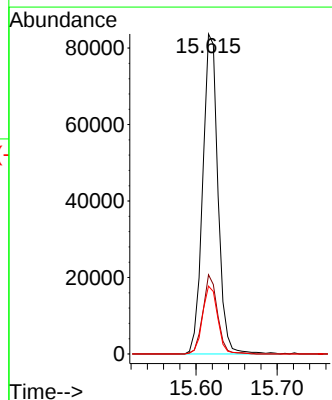
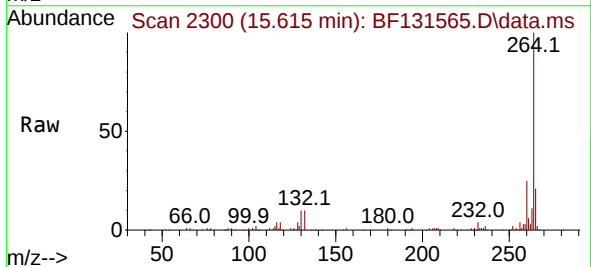
Instrument :
BNA_F
ClientSampleId :
PB149479BS

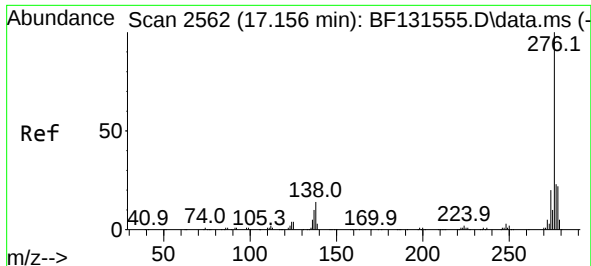
Tgt Ion:149 Resp: 318081
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.1 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:264 Resp: 108893
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 21.2 16.8 25.2

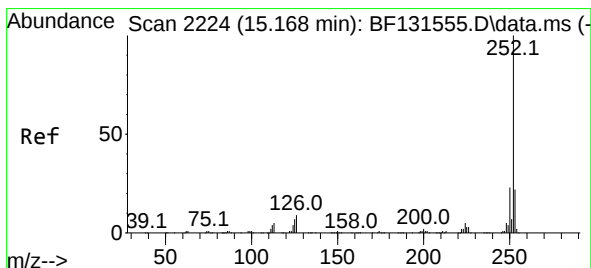
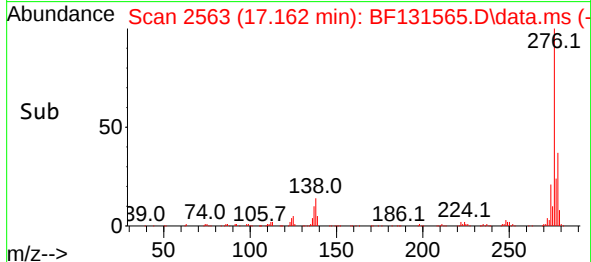
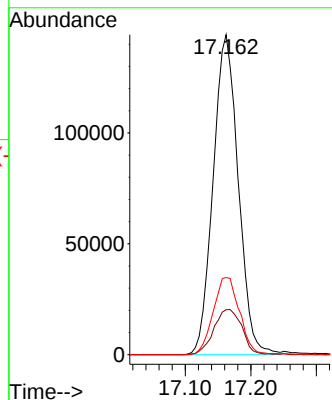
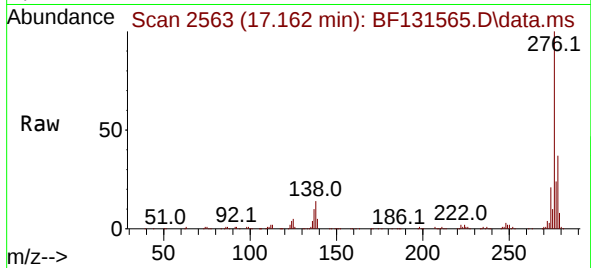




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.148 ng
RT: 17.162 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

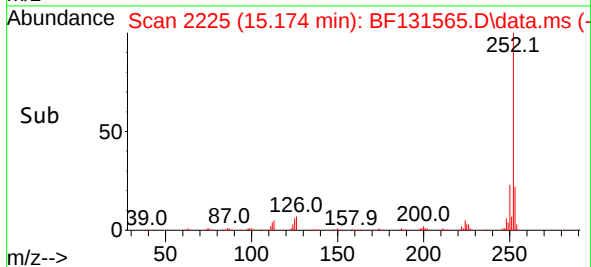
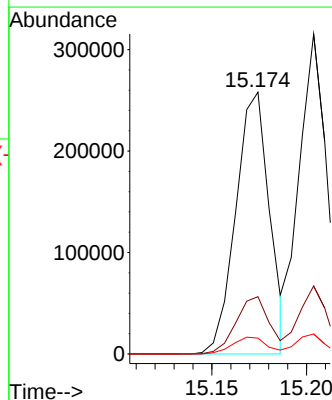
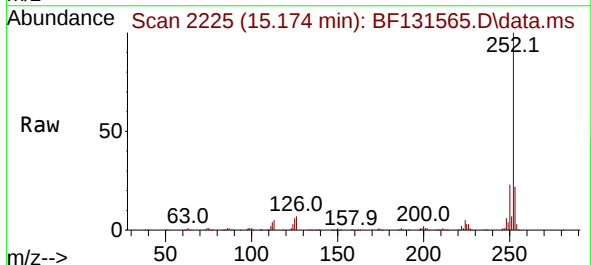
Instrument :
BNA_F
ClientSampleId :
PB149479BS

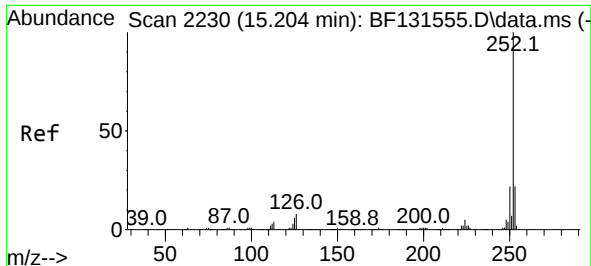
Tgt Ion:276 Resp: 383445
Ion Ratio Lower Upper
276 100
138 15.8 12.7 19.1
277 25.5 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 44.430 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:252 Resp: 318869
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 6.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 43.181 ng

RT: 15.204 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

Instrument :

BNA_F

ClientSampleId :

PB149479BS

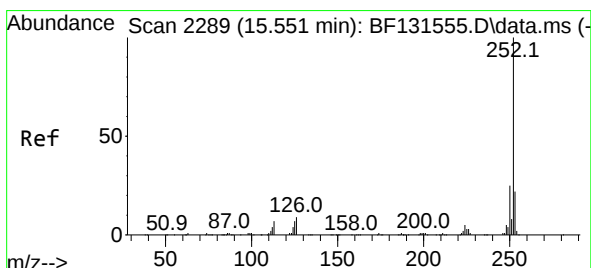
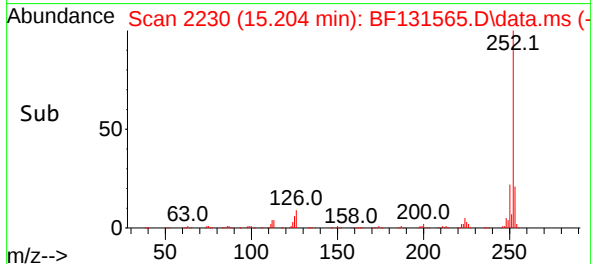
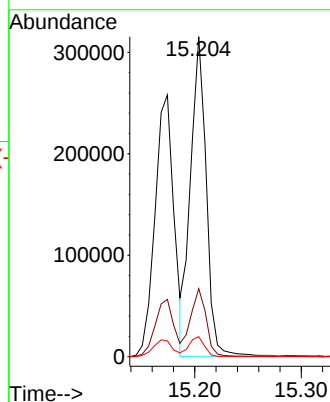
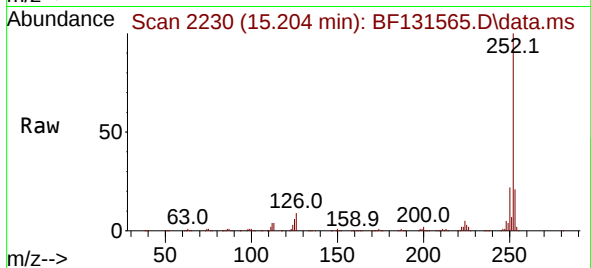
Tgt Ion:252 Resp: 323468

Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 6.2 4.9 7.3



#90

Benzo(a)pyrene

Concen: 46.278 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF131565.D

Acq: 09 Dec 2022 14:20

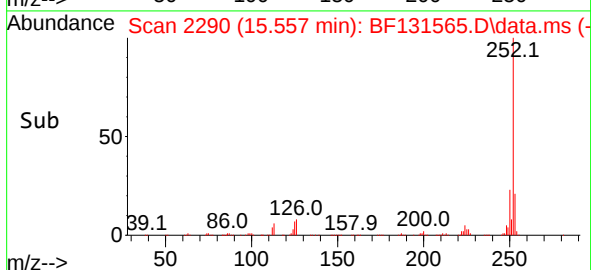
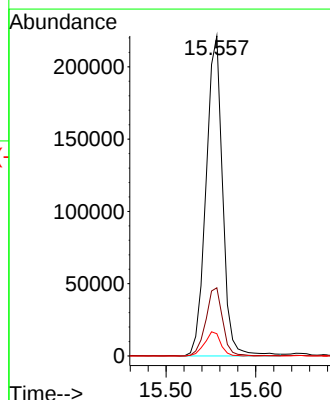
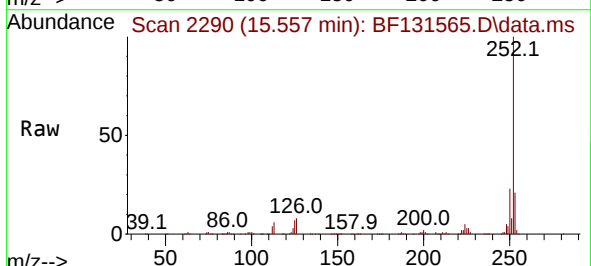
Tgt Ion:252 Resp: 283447

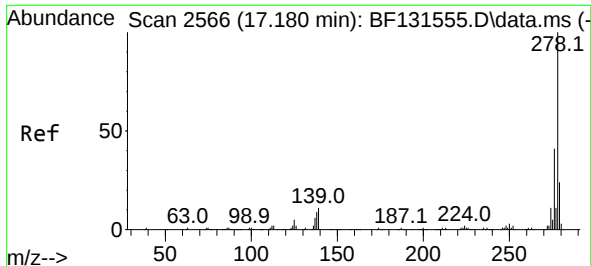
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 7.0 5.6 8.4

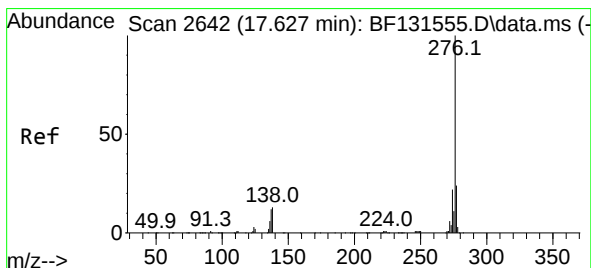
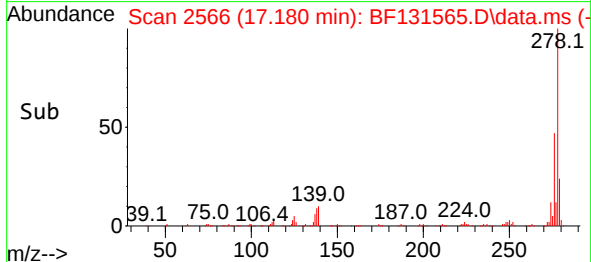
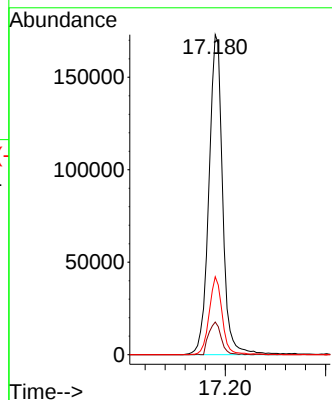
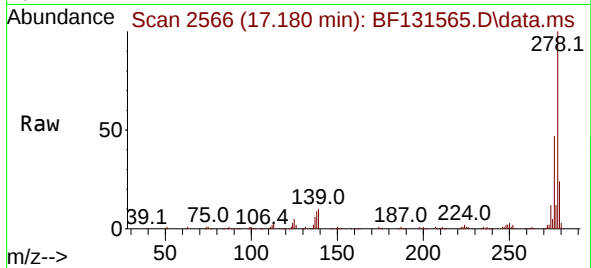




#91
Dibenzo(a,h)anthracene
Concen: 45.006 ng
RT: 17.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Instrument :
BNA_F
ClientSampleId :
PB149479BS

Tgt Ion:278 Resp: 329178
Ion Ratio Lower Upper
278 100
139 10.2 8.9 13.3
279 24.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 44.401 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.006 min
Lab File: BF131565.D
Acq: 09 Dec 2022 14:20

Tgt Ion:276 Resp: 326379
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 13.8 10.7 16.1

