

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131245.D
 Acq On : 15 Nov 2022 22:14
 Operator : CG\JU
 Sample : PB148881BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148881BS

Quant Time: Nov 16 07:03:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	104339	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	401780	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	229199	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	420973	20.000	ng	0.00
76) Chrysene-d12	14.186	240	278722	20.000	ng	0.00
86) Perylene-d12	15.733	264	212984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	769691	130.626	ng	0.02
7) Phenol-d6	6.598	99	974059	130.517	ng	0.00
23) Nitrobenzene-d5	7.545	82	610680	85.314	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	279896	127.845	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1179229	75.292	ng	0.00
79) Terphenyl-d14	13.127	244	1377511	84.872	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	96782	35.851	ng	97
3) Pyridine	3.628	79	260848	34.186	ng	99
4) n-Nitrosodimethylamine	3.599	42	196387	44.157	ng	99
6) Aniline	6.640	93	315523	33.705	ng	99
8) 2-Chlorophenol	6.757	128	301859	45.573	ng	98
9) Benzaldehyde	6.522	77	58792	10.860	ng	99
10) Phenol	6.610	94	366147	43.856	ng	98
11) bis(2-Chloroethyl)ether	6.710	93	287962	44.051	ng	99
12) 1,3-Dichlorobenzene	6.916	146	317631	42.388	ng	99
13) 1,4-Dichlorobenzene	6.992	146	320190	42.250	ng	98
14) 1,2-Dichlorobenzene	7.145	146	306357	43.738	ng	98
15) Benzyl Alcohol	7.116	79	204857	31.601	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.251	45	546243	44.364	ng	98
17) 2-Methylphenol	7.222	107	250686	44.332	ng	98
18) Hexachloroethane	7.492	117	121573	44.127	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	227463	43.739	ng	98
20) 3+4-Methylphenols	7.375	107	313974	42.926	ng	94
22) Acetophenone	7.392	105	429495	41.009	ng	# 97
24) Nitrobenzene	7.563	77	334063	43.231	ng	100
25) Isophorone	7.804	82	618816	43.273	ng	100
26) 2-Nitrophenol	7.881	139	132189	43.176	ng	99
27) 2,4-Dimethylphenol	7.910	122	278024	47.499	ng	97
28) bis(2-Chloroethoxy)met...	8.010	93	352521	43.724	ng	99
29) 2,4-Dichlorophenol	8.116	162	258921	40.904	ng	98
30) 1,2,4-Trichlorobenzene	8.204	180	288768	38.910	ng	100
31) Naphthalene	8.292	128	835384	38.377	ng	99
32) Benzoic acid	8.034	122	178983	43.059	ng	91
33) 4-Chloroaniline	8.334	127	154564	18.038	ng	96
34) Hexachlorobutadiene	8.404	225	183219	39.006	ng	97
35) Caprolactam	8.710	113	43545	23.278	ng	93
36) 4-Chloro-3-methylphenol	8.816	107	279602	41.964	ng	97
37) 2-Methylnaphthalene	8.986	142	570776	39.371	ng	99
38) 1-Methylnaphthalene	9.086	142	539468	38.375	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	291514	39.502	ng	98
41) Hexachlorocyclopentadiene	9.139	237	364398	96.342	ng	97
43) 2,4,6-Trichlorophenol	9.257	196	188132	38.994	ng	99

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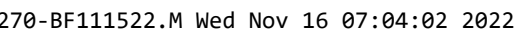
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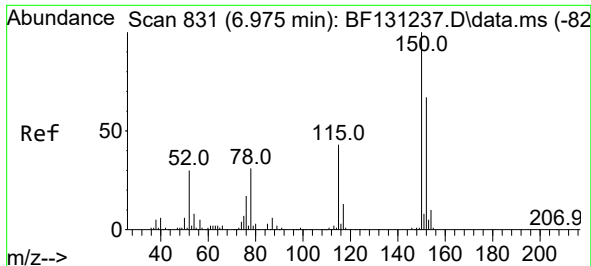
Quant Time: Nov 16 07:03:58 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	213851	41.304	ng	99
46) 1,1'-Biphenyl	9.451	154	706528	40.099	ng	99
47) 2-Chloronaphthalene	9.481	162	557424	39.054	ng	97
48) 2-Nitroaniline	9.575	65	190564	42.147	ng	94
49) Acenaphthylene	9.898	152	862375	39.566	ng	100
50) Dimethylphthalate	9.757	163	640990	39.055	ng	100
51) 2,6-Dinitrotoluene	9.816	165	135543	42.467	ng	87
52) Acenaphthene	10.069	154	587650	43.194	ng	98
53) 3-Nitroaniline	9.986	138	82983	25.495	ng	98
54) 2,4-Dinitrophenol	10.092	184	119334	81.318	ng	92
55) Dibenzofuran	10.245	168	762855	39.136	ng	99
56) 4-Nitrophenol	10.139	139	214646	83.121	ng	89
57) 2,4-Dinitrotoluene	10.222	165	174505	44.044	ng	96
58) Fluorene	10.586	166	593565	38.698	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.357	232	183223	41.774	ng	99
60) Diethylphthalate	10.463	149	612923	39.508	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	301489	39.751	ng	96
62) 4-Nitroaniline	10.610	138	134357	40.042	ng	99
63) Azobenzene	10.739	77	640715	39.446	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	73402	40.303	ng	# 79
66) n-Nitrosodiphenylamine	10.698	169	521826	39.016	ng	98
67) 4-Bromophenyl-phenylether	11.075	248	198341	40.127	ng	92
68) Hexachlorobenzene	11.133	284	212336	39.639	ng	96
69) Atrazine	11.227	200	164505	37.524	ng	98
70) Pentachlorophenol	11.327	266	257013	82.203	ng	98
71) Phenanthrene	11.557	178	886714	38.166	ng	99
72) Anthracene	11.610	178	905139	39.882	ng	99
73) Carbazole	11.763	167	810167	39.880	ng	99
74) Di-n-butylphthalate	12.092	149	911942	38.571	ng	99
75) Fluoranthene	12.751	202	992068	38.718	ng	100
77) Benzidine	12.869	184	202814	33.956	ng	98
78) Pyrene	12.986	202	997674	41.524	ng	98
80) Butylbenzylphthalate	13.604	149	354284	43.510	ng	99
81) Benzo(a)anthracene	14.174	228	747268	38.577	ng	100
82) 3,3'-Dichlorobenzidine	14.139	252	180738	31.887	ng	98
83) Chrysene	14.216	228	716799	37.985	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	434409	42.420	ng	99
85) Di-n-octyl phthalate	14.798	149	600747	41.512	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	628909	44.697	ng	100
88) Benzo(b)fluoranthene	15.274	252	620048	41.697	ng	99
89) Benzo(k)fluoranthene	15.304	252	595262	40.380	ng	99
90) Benzo(a)pyrene	15.668	252	524961	44.163	ng	98
91) Dibenzo(a,h)anthracene	17.351	278	532696	46.145	ng	99
92) Benzo(g,h,i)perylene	17.809	276	539969	42.268	ng	98

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

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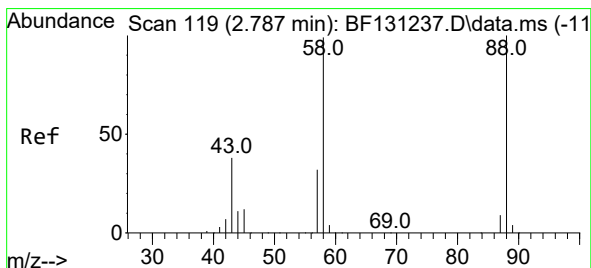
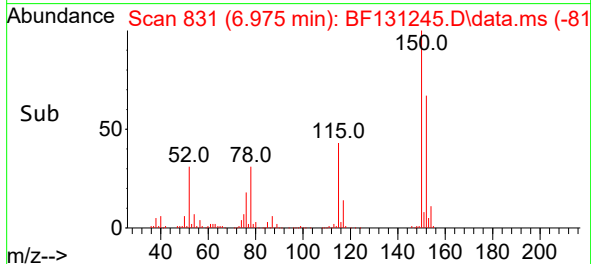
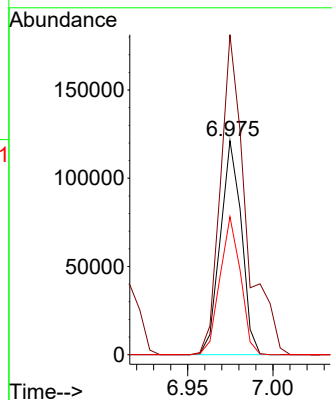
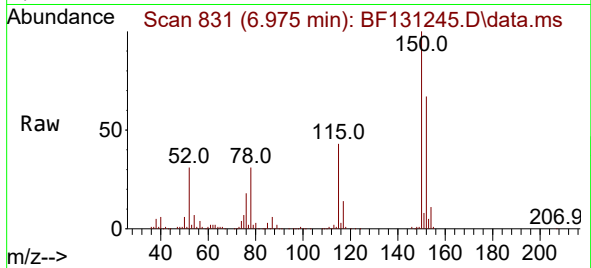




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

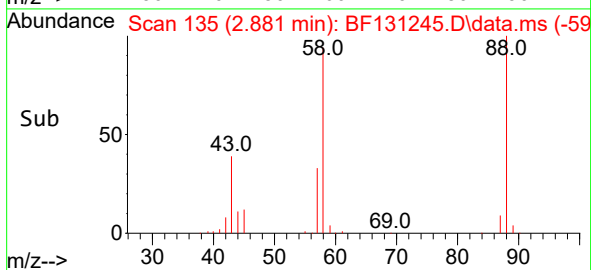
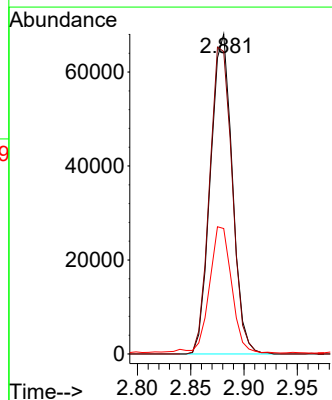
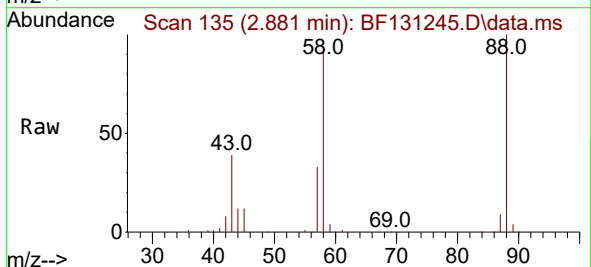
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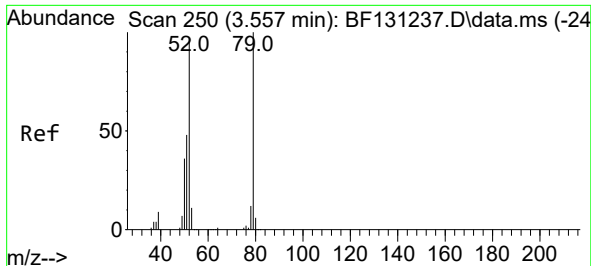
Tgt Ion:152 Resp: 104339
Ion Ratio Lower Upper
152 100
150 149.6 120.2 180.4
115 64.5 51.8 77.8



#2
1,4-Dioxane
Concen: 35.851 ng
RT: 2.881 min Scan# 135
Delta R.T. 0.094 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 88 Resp: 96782
Ion Ratio Lower Upper
88 100
58 99.7 77.1 115.7
43 40.5 31.3 46.9

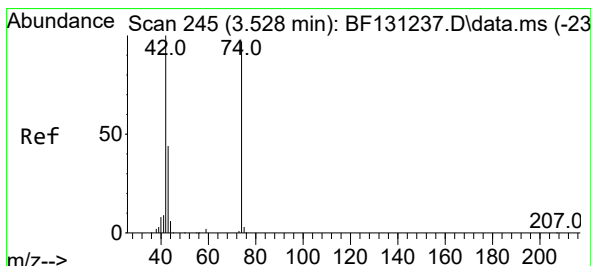
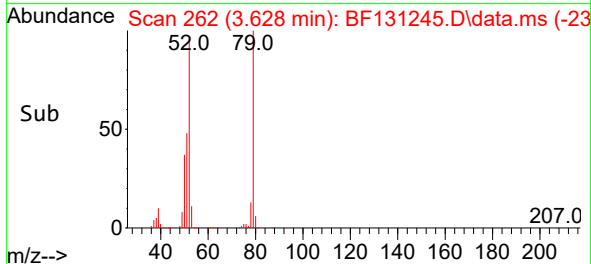
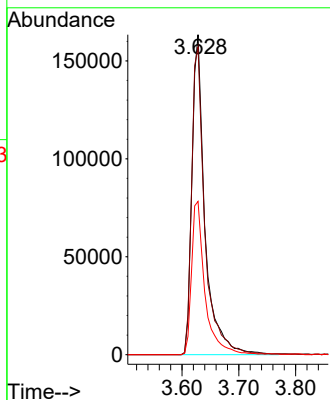
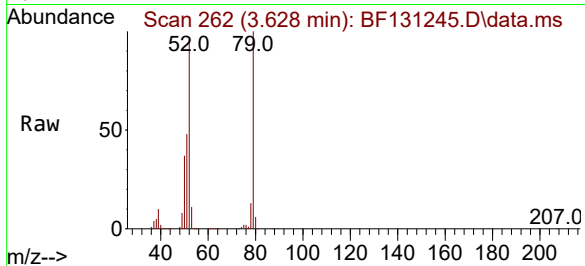




#3
Pyridine
Concen: 34.186 ng
RT: 3.628 min Scan# 207
Delta R.T. 0.071 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

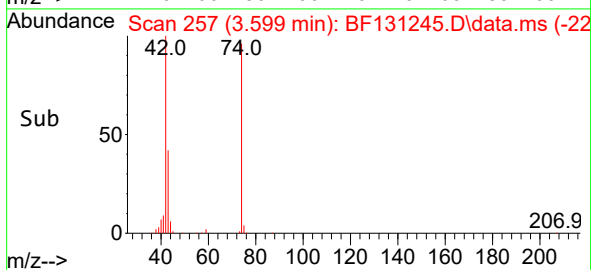
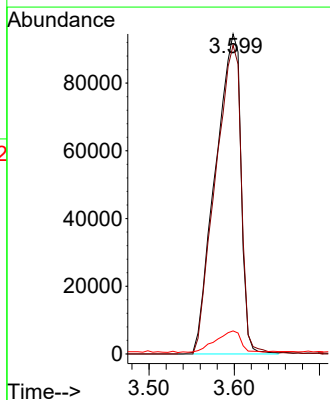
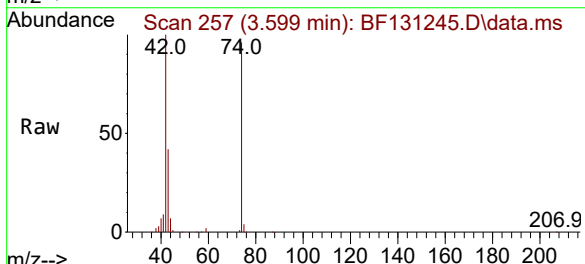
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ClientSampleId :
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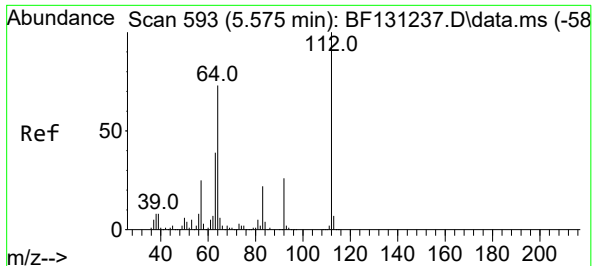
Tgt Ion: 79 Resp: 260848
Ion Ratio Lower Upper
79 100
52 96.1 77.7 116.5
51 47.9 38.7 58.1



#4
n-Nitrosodimethylamine
Concen: 44.157 ng
RT: 3.599 min Scan# 257
Delta R.T. 0.071 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 42 Resp: 196387
Ion Ratio Lower Upper
42 100
74 96.4 77.8 116.6
44 7.2 5.9 8.9

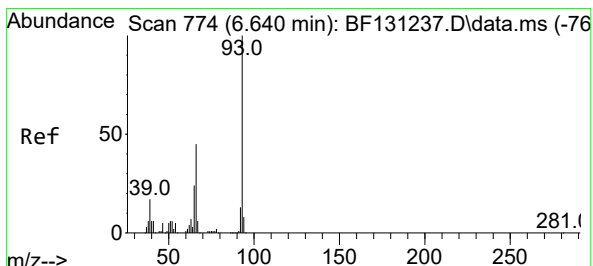
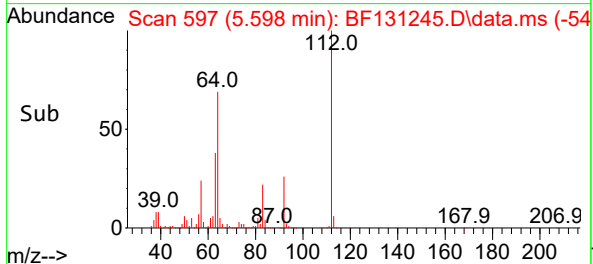
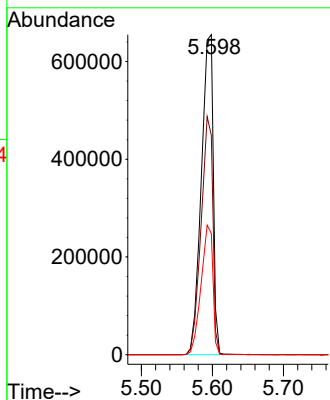
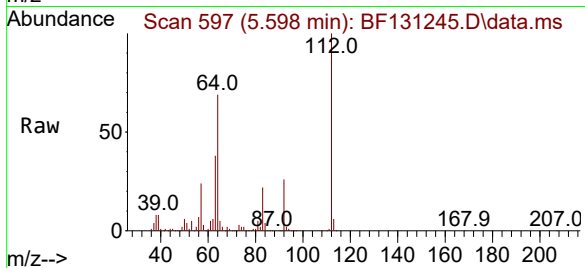




#5
2-Fluorophenol
Concen: 130.626 ng
RT: 5.598 min Scan# 593
Delta R.T. 0.023 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

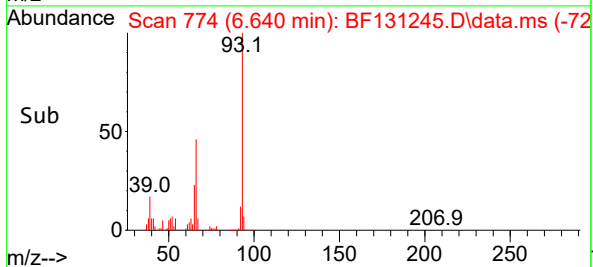
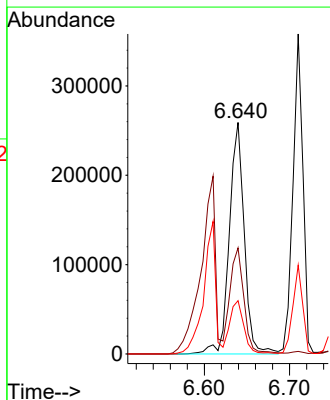
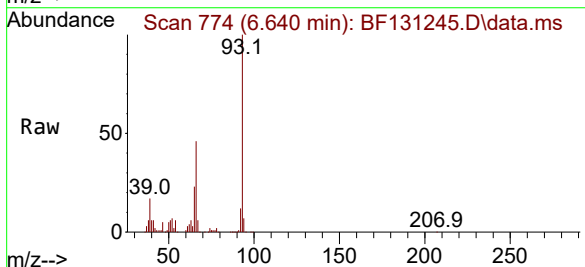
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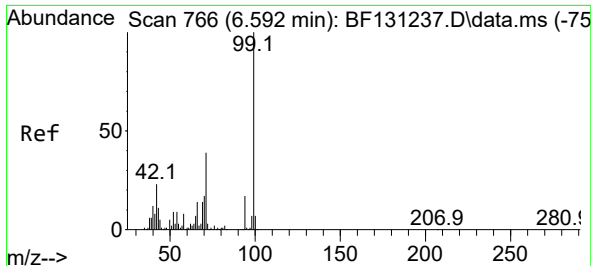
Tgt Ion:112 Resp: 769691
Ion Ratio Lower Upper
112 100
64 68.6 58.4 87.6
63 37.8 31.6 47.4



#6
Aniline
Concen: 33.705 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 93 Resp: 315523
Ion Ratio Lower Upper
93 100
66 45.8 36.6 55.0
65 23.0 19.3 28.9

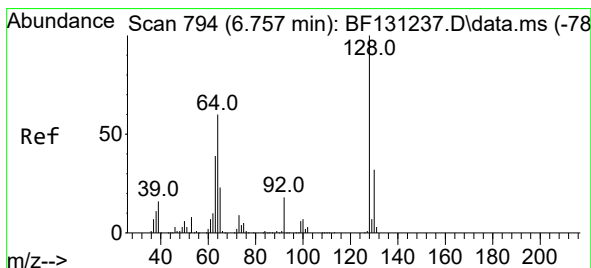
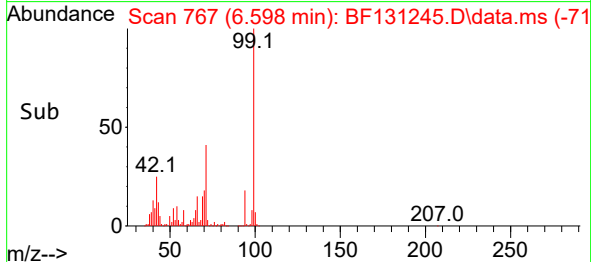
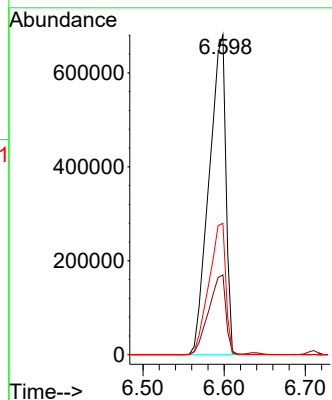
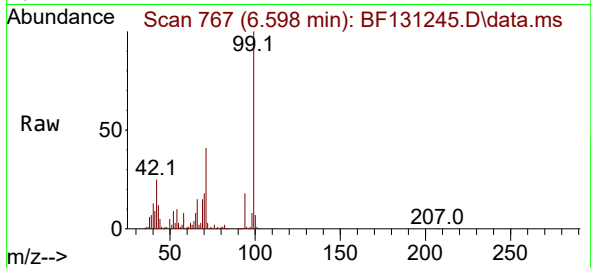




#7
Phenol-d6
Concen: 130.517 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

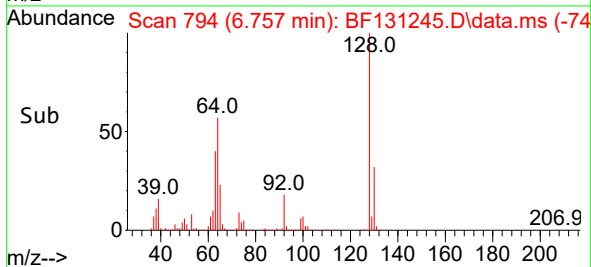
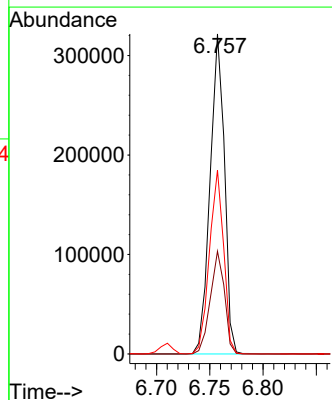
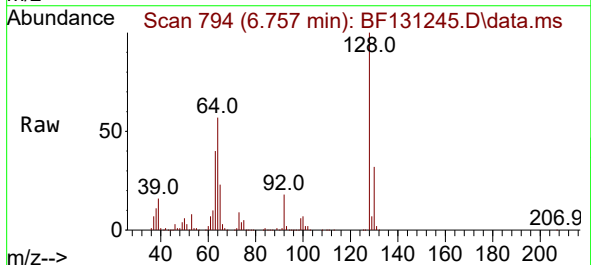
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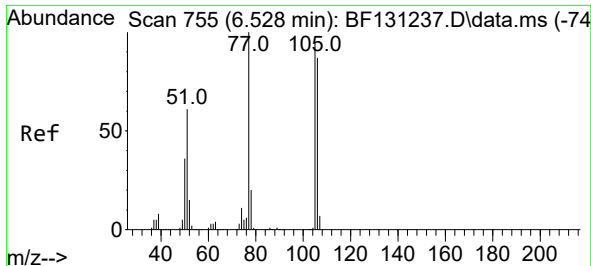
Tgt Ion: 99 Resp: 974059
Ion Ratio Lower Upper
99 100
42 25.0 18.6 28.0
71 41.1 31.1 46.7



#8
2-Chlorophenol
Concen: 45.573 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 128 Resp: 301859
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 57.5 40.1 80.1

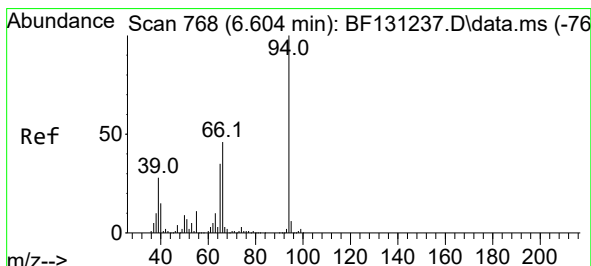
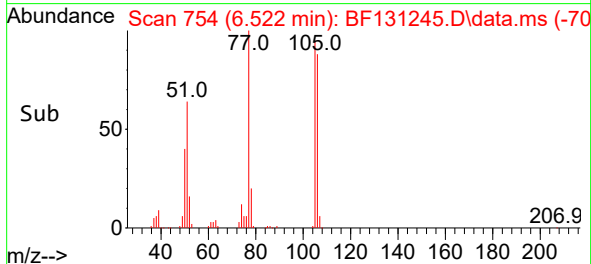
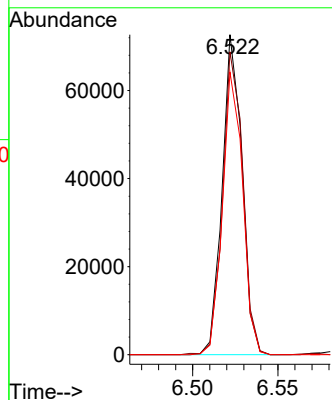
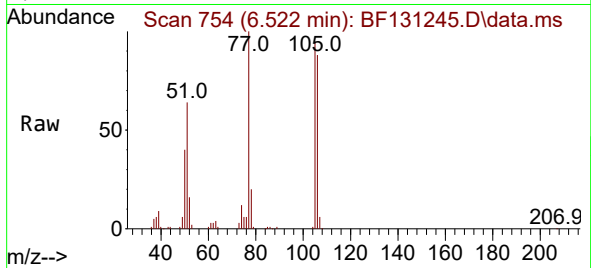




#9
Benzaldehyde
Concen: 10.860 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

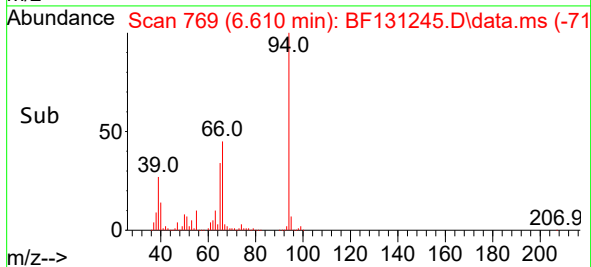
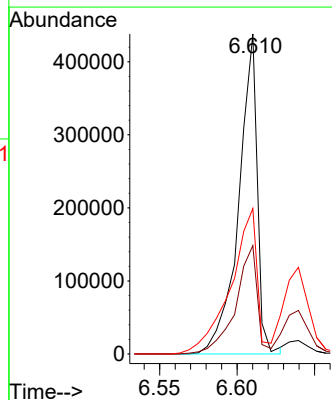
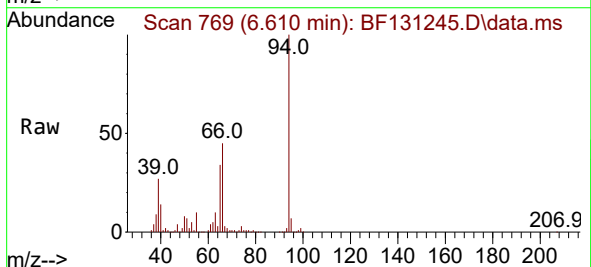
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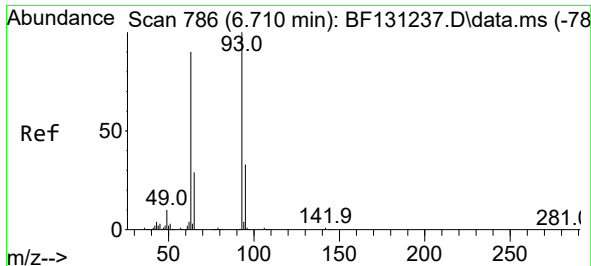
Tgt Ion: 77 Resp: 58792
Ion Ratio Lower Upper
77 100
105 94.6 74.8 114.8
106 88.3 67.3 107.3



#10
Phenol
Concen: 43.856 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 94 Resp: 366147
Ion Ratio Lower Upper
94 100
65 33.8 14.8 54.8
66 45.4 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 44.051 ng

RT: 6.710 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

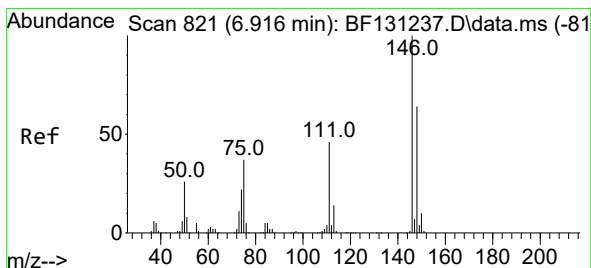
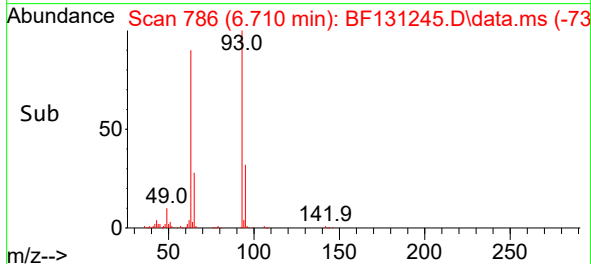
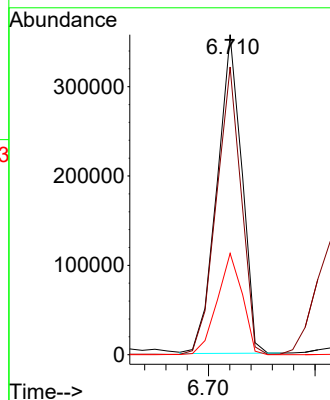
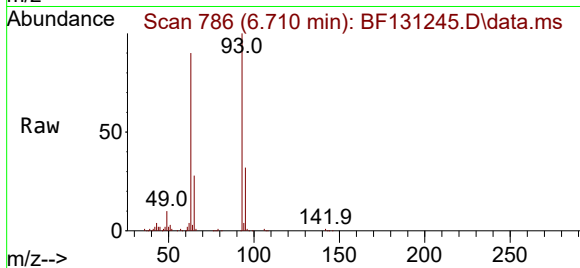
Tgt Ion: 93 Resp: 287962

Ion Ratio Lower Upper

93 100

63 89.9 69.8 109.8

95 31.7 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 42.388 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

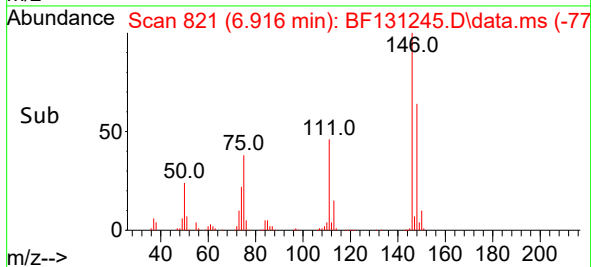
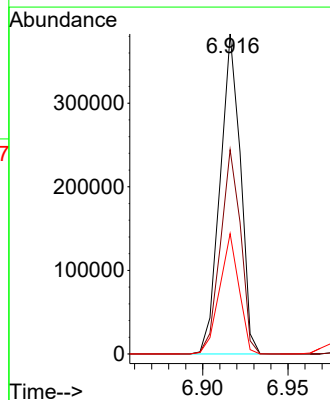
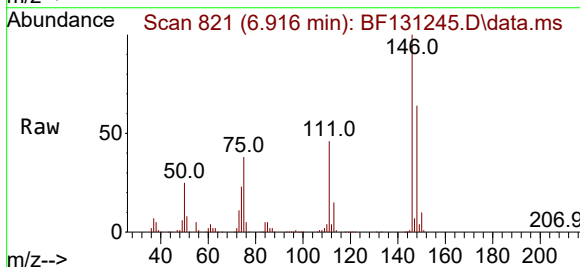
Tgt Ion:146 Resp: 317631

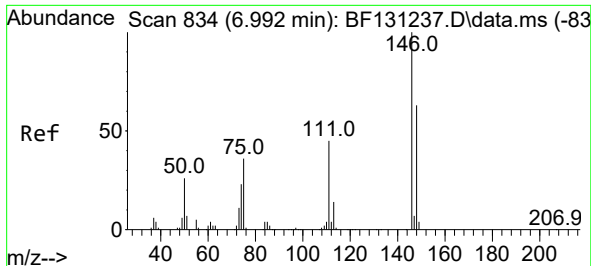
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

75 37.6 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 42.250 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

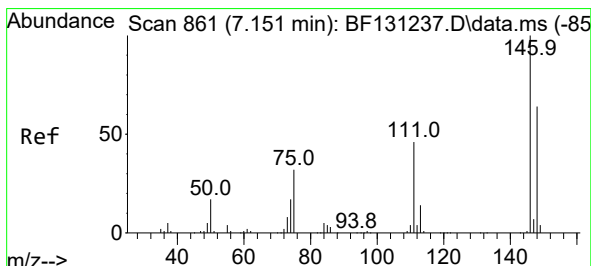
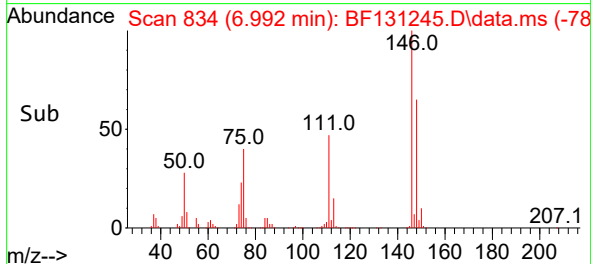
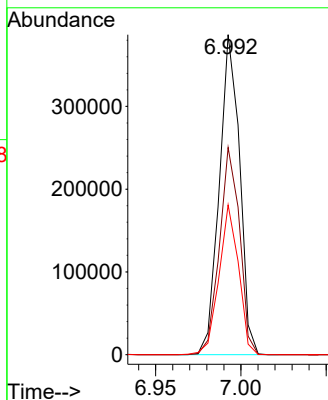
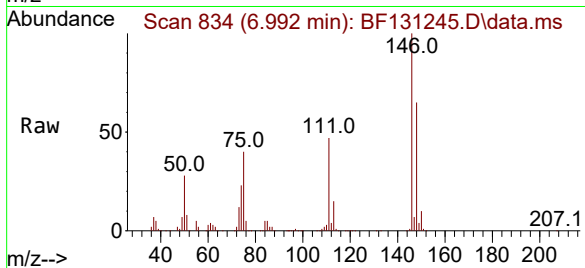
Tgt Ion:146 Resp: 320190

Ion Ratio Lower Upper

146 100

148 64.7 50.1 75.1

111 46.8 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 43.738 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

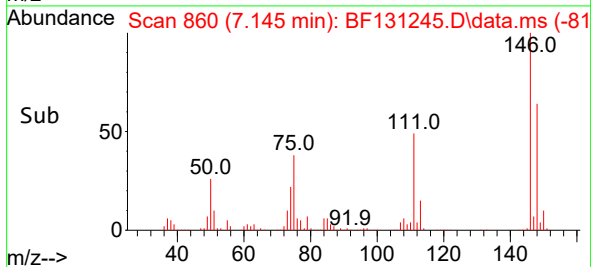
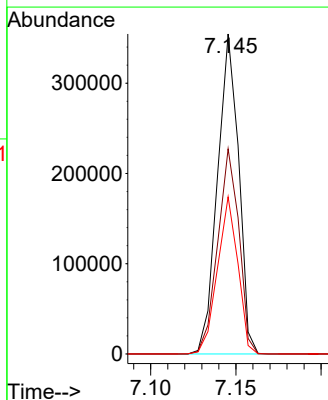
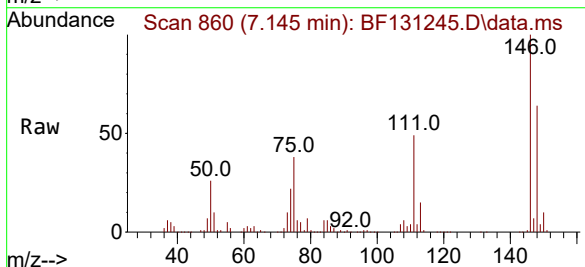
Tgt Ion:146 Resp: 306357

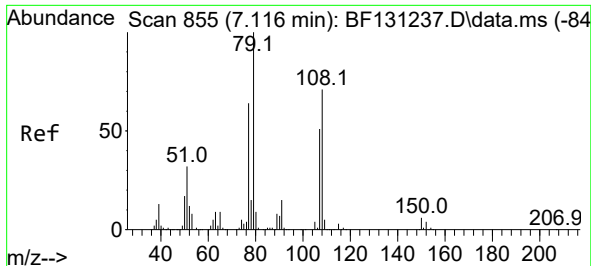
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 49.1 36.9 55.3

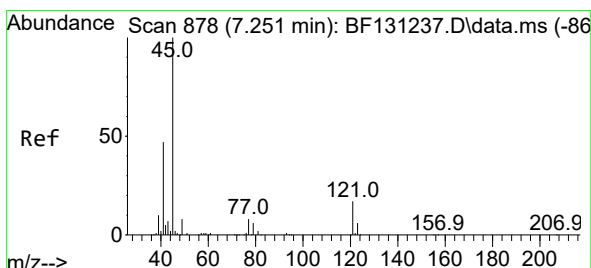
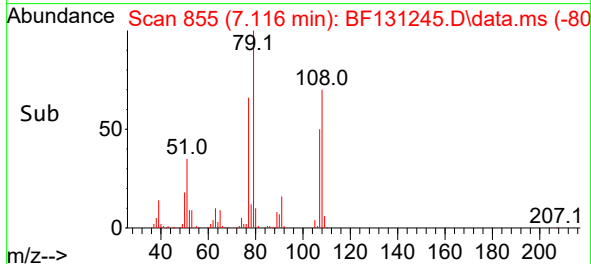
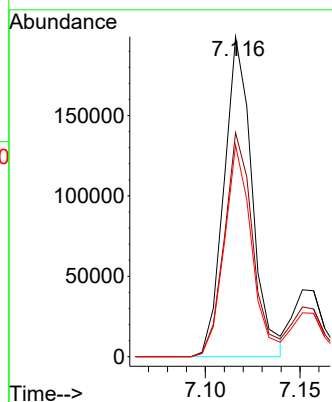
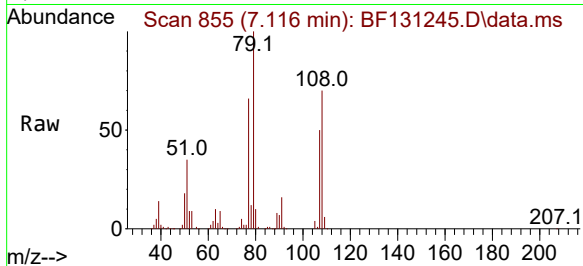




#15
Benzyl Alcohol
Concen: 31.601 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

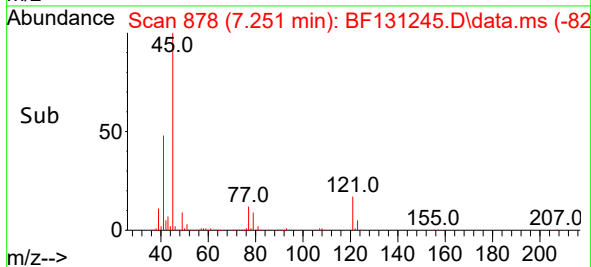
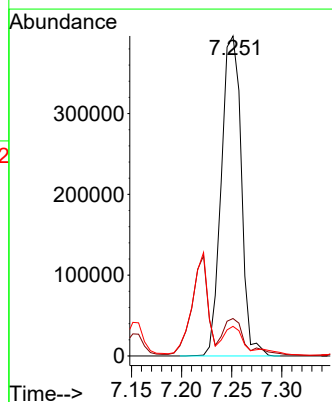
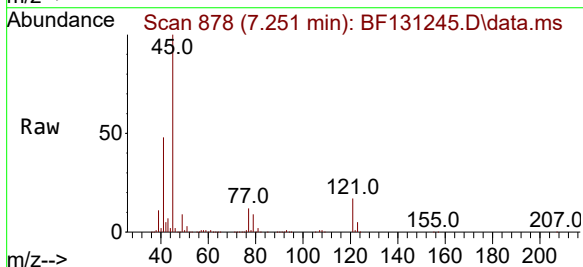
Instrument :
BNA_F
ClientSampleId :
PB148881BS

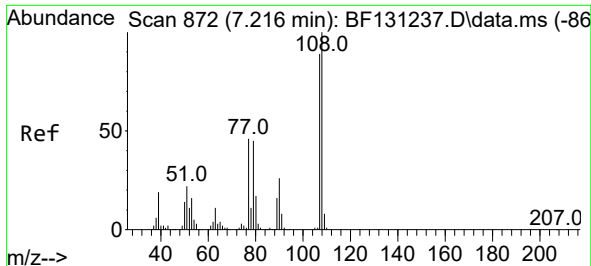
Tgt Ion: 79 Resp: 204857
Ion Ratio Lower Upper
79 100
108 70.0 56.7 85.1
77 66.1 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.364 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

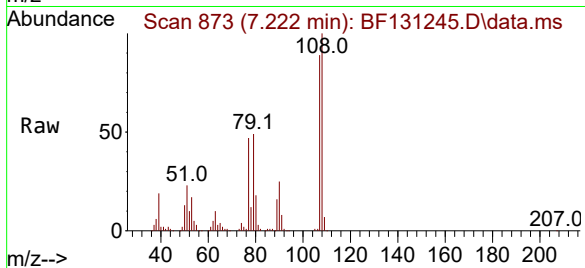
Tgt Ion: 45 Resp: 546243
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.0
79 9.2 0.0 28.5



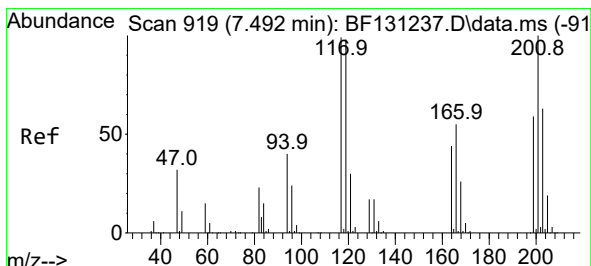
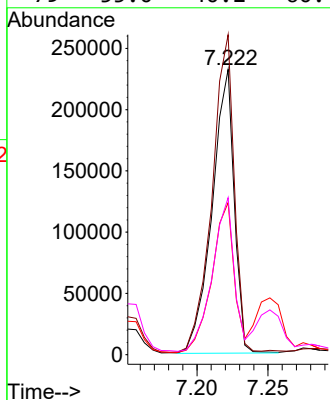
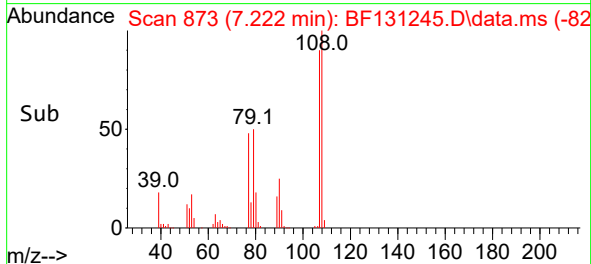


#17
2-Methylphenol
Concen: 44.332 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Instrument :
BNA_F
ClientSampleId :
PB148881BS

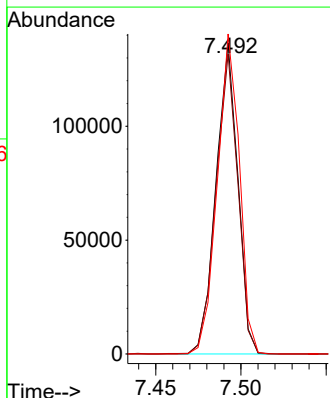
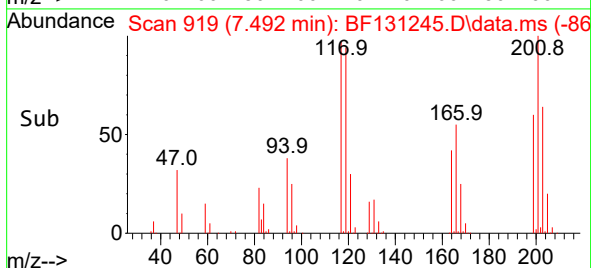
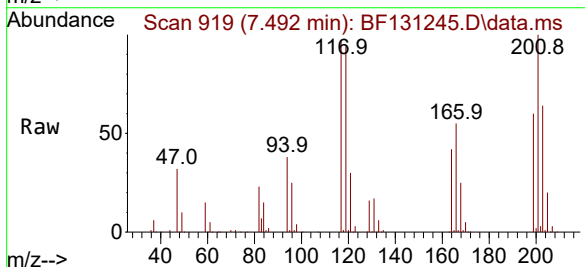


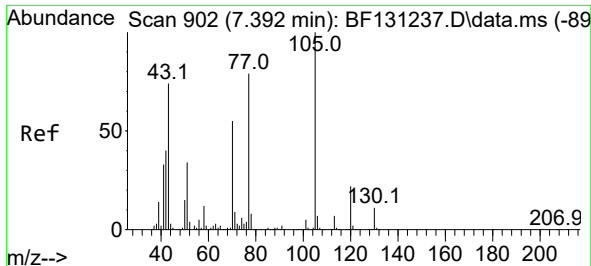
Tgt Ion:107 Resp: 250686
Ion Ratio Lower Upper
107 100
108 112.2 89.8 134.6
77 53.3 41.4 62.0
79 55.0 40.2 60.4



#18
Hexachloroethane
Concen: 44.127 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:117 Resp: 121573
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
201 103.0 80.9 121.3



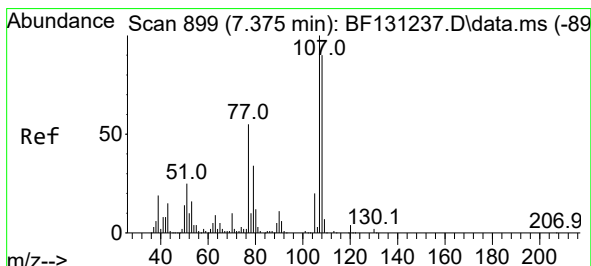
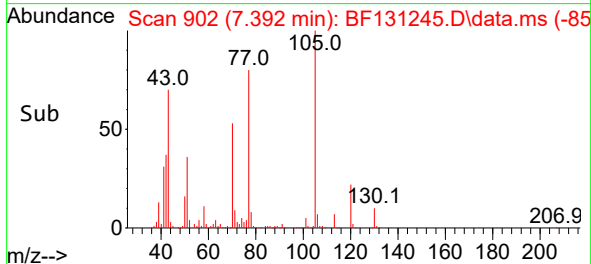
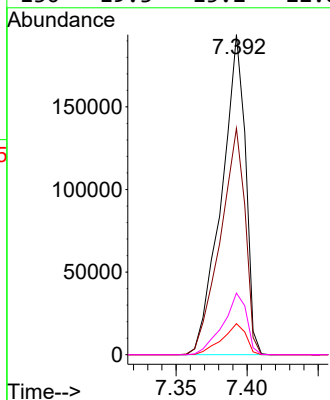
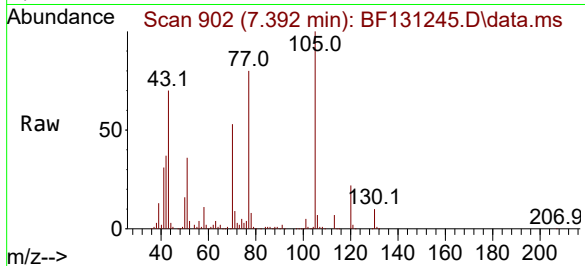


#19
n-Nitroso-di-n-propylamine
Concen: 43.739 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Instrument :
BNA_F
ClientSampleId :
PB148881BS

Tgt Ion: 70 Resp: 227463

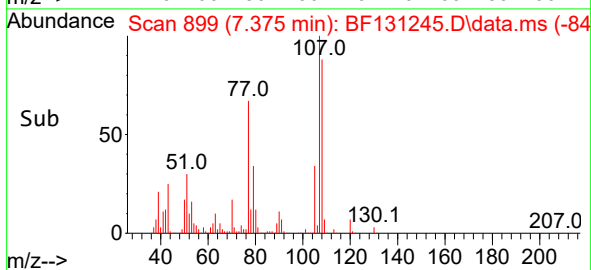
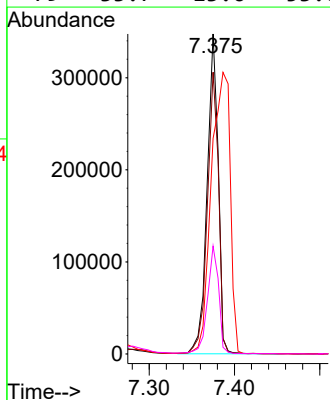
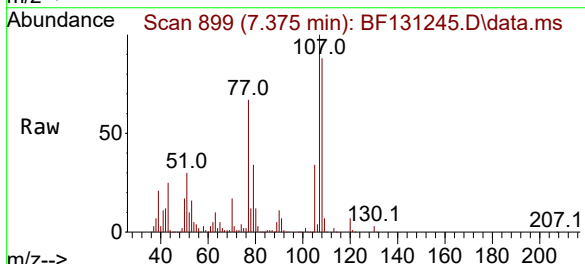
Ion	Ratio	Lower	Upper
70	100		
42	70.8	58.3	87.5
101	9.7	7.2	10.8
130	19.3	15.2	22.8

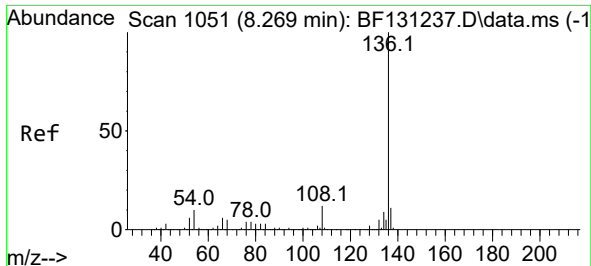


#20
3+4-Methylphenols
Concen: 42.926 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 107 Resp: 313974

Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.5	109.5
77	67.3	35.3	75.3
79	33.7	13.6	53.6

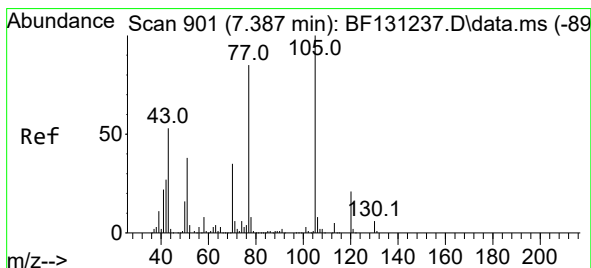
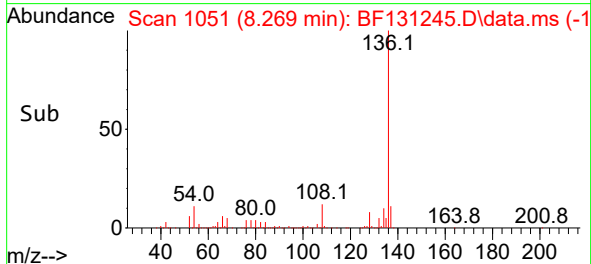
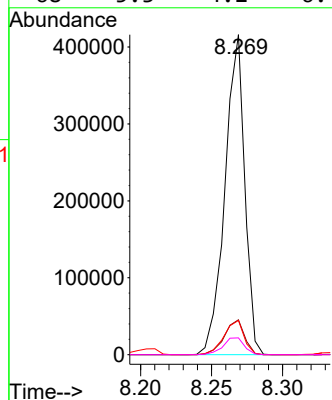
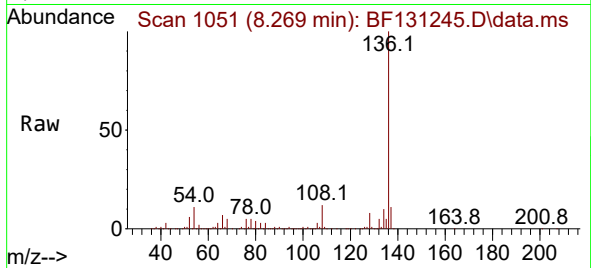




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

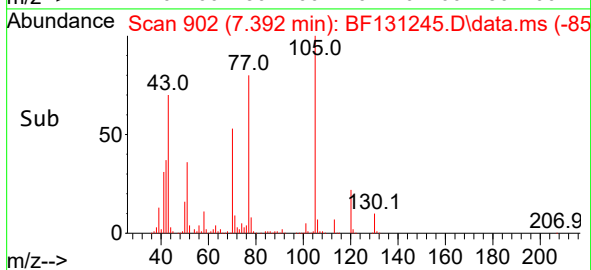
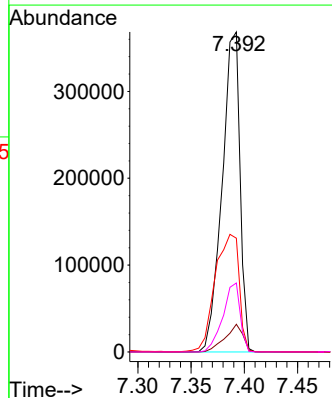
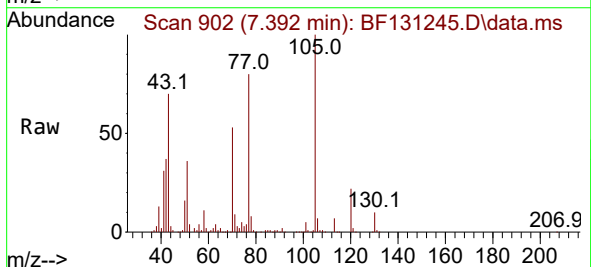
Instrument :
BNA_F
ClientSampleId :
PB148881BS

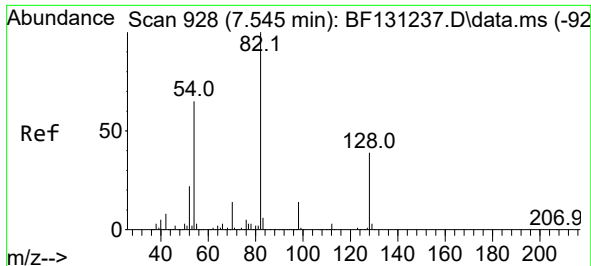
Tgt Ion:136 Resp: 401780
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.7 7.8 11.8
68 5.3 4.2 6.4



#22
Acetophenone
Concen: 41.009 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:105 Resp: 429495
Ion Ratio Lower Upper
105 100
71 8.6 4.7 7.1#
51 35.6 30.2 45.2
120 21.6 17.0 25.4

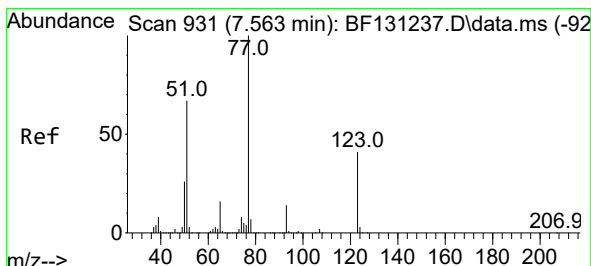
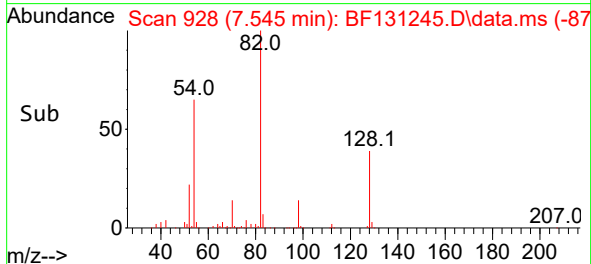
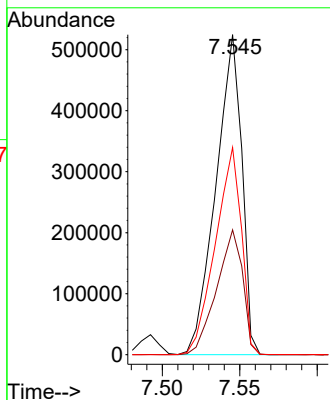
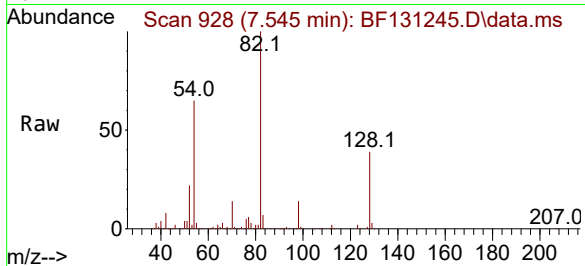




#23
Nitrobenzene-d5
Concen: 85.314 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

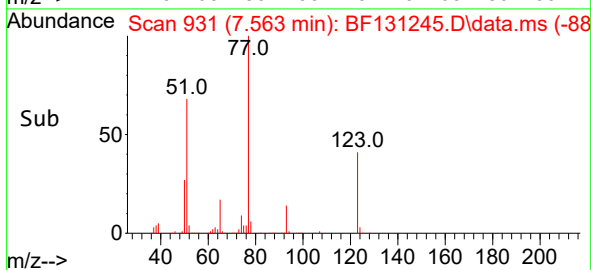
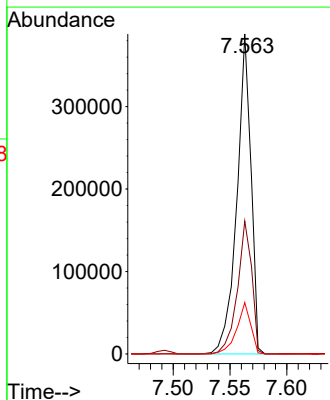
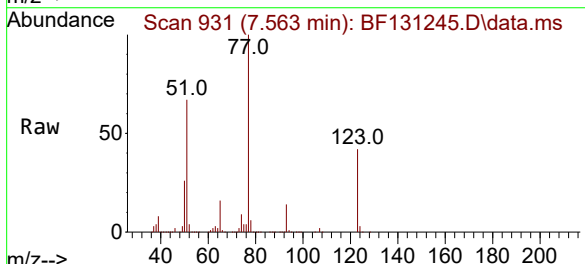
Instrument :
BNA_F
ClientSampleId :
PB148881BS

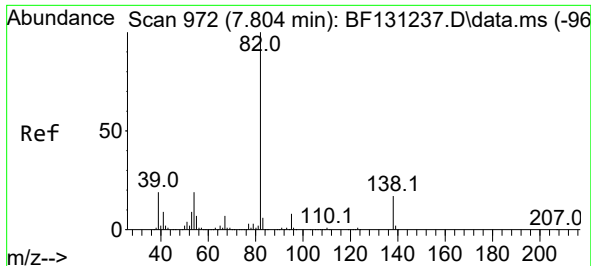
Tgt Ion: 82 Resp: 610680
Ion Ratio Lower Upper
82 100
128 39.0 31.1 46.7
54 64.8 51.8 77.6



#24
Nitrobenzene
Concen: 43.231 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 77 Resp: 334063
Ion Ratio Lower Upper
77 100
123 41.6 33.2 49.8
65 16.0 13.0 19.4

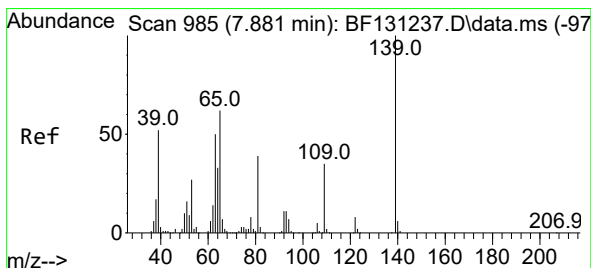
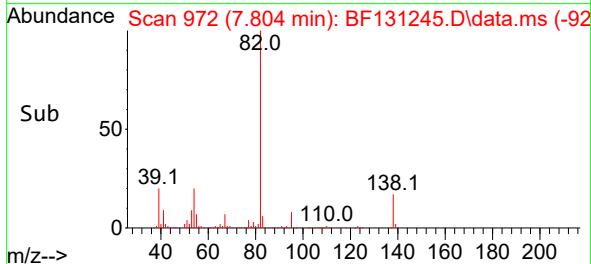
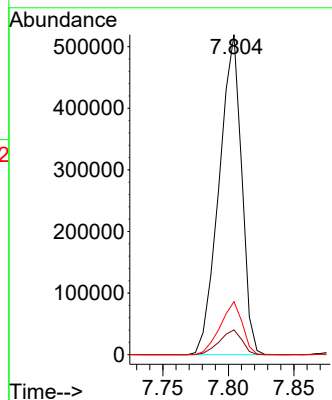
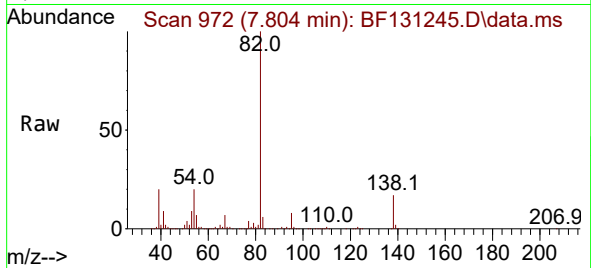




#25
Isophorone
Concen: 43.273 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

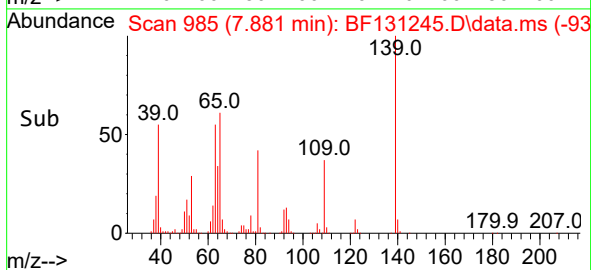
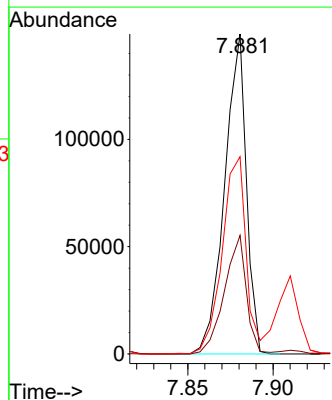
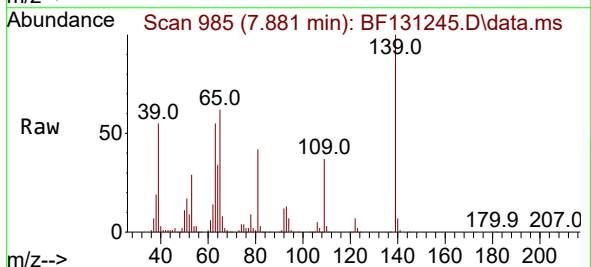
Instrument :
BNA_F
ClientSampleId :
PB148881BS

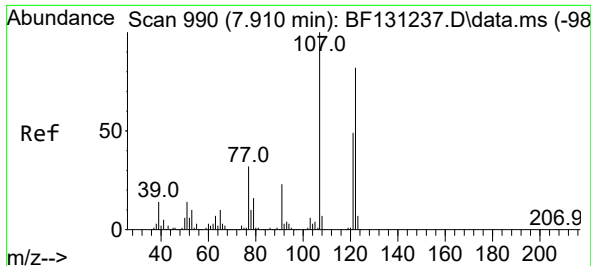
Tgt Ion: 82 Resp: 618816
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 16.5 13.4 20.0



#26
2-Nitrophenol
Concen: 43.176 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 139 Resp: 132189
Ion Ratio Lower Upper
139 100
109 37.1 28.0 42.0
65 61.6 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 47.499 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF131245.D

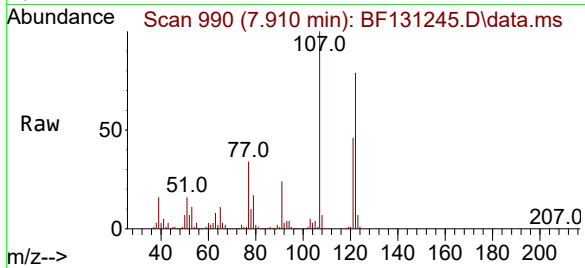
Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS



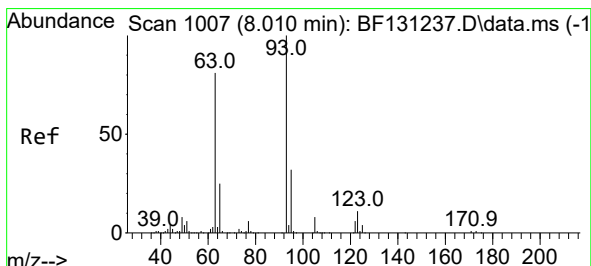
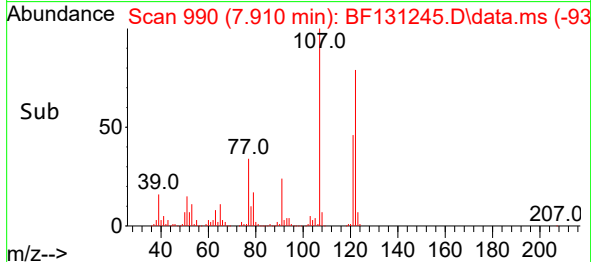
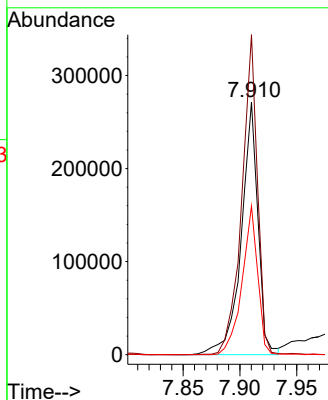
Tgt Ion:122 Resp: 278024

Ion Ratio Lower Upper

122 100

107 126.7 97.1 145.7

121 58.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.724 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

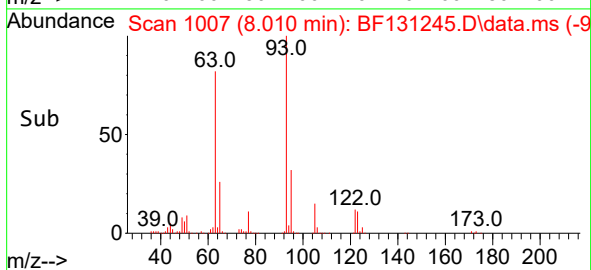
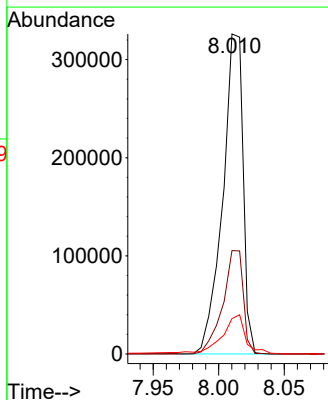
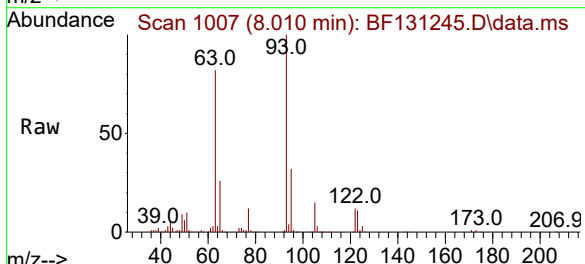
Tgt Ion: 93 Resp: 352521

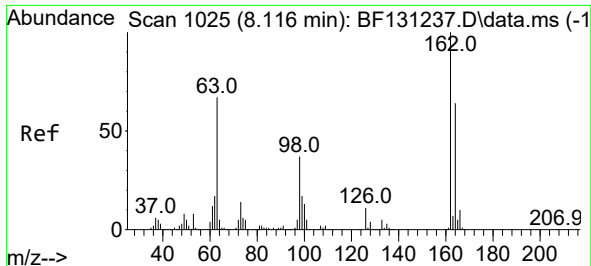
Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.904 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

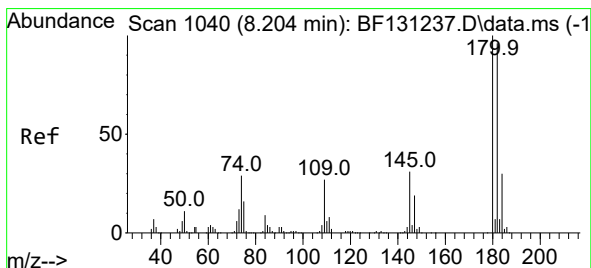
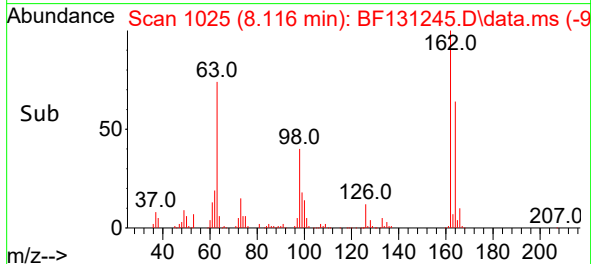
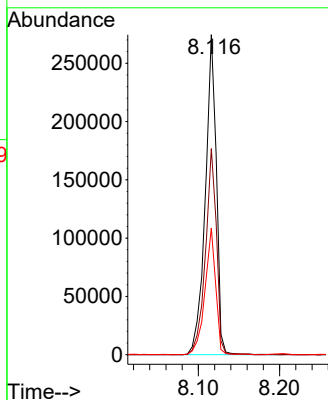
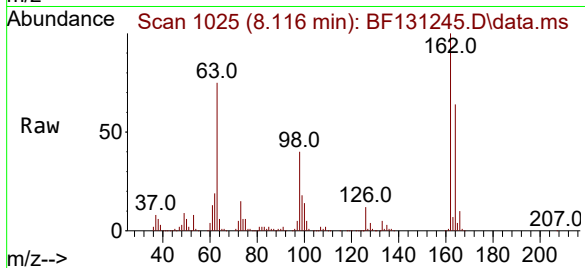
Tgt Ion:162 Resp: 258921

Ion Ratio Lower Upper

162 100

164 64.4 43.5 83.5

98 39.6 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 38.910 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

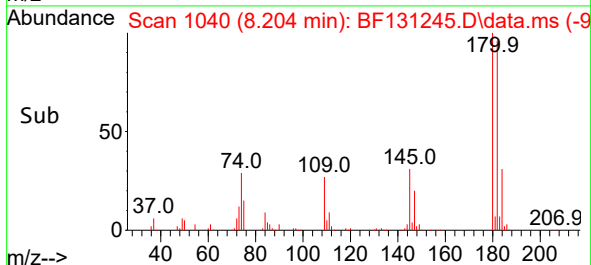
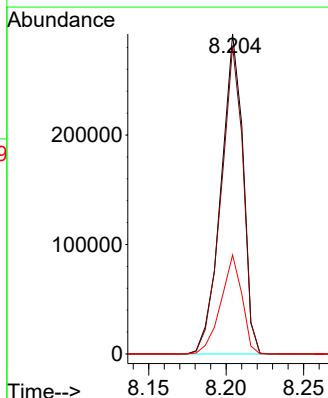
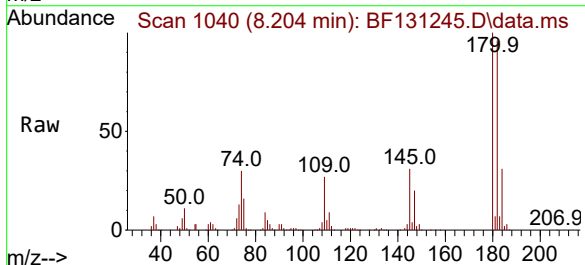
Tgt Ion:180 Resp: 288768

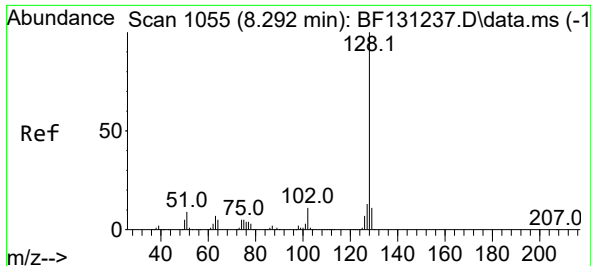
Ion Ratio Lower Upper

180 100

182 96.3 76.6 115.0

145 31.0 24.8 37.2

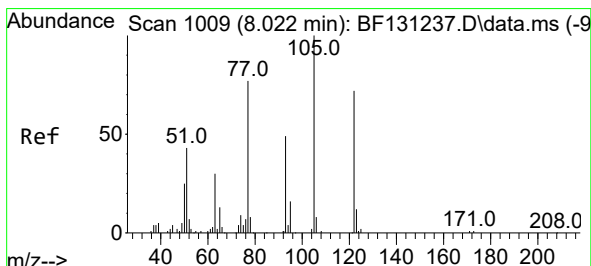
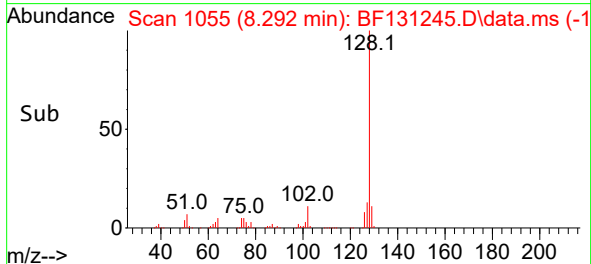
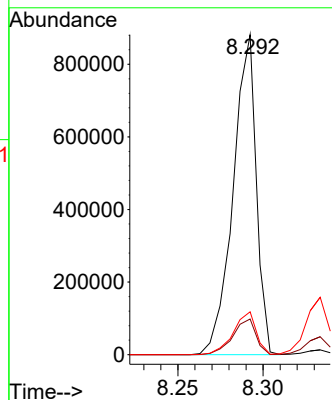
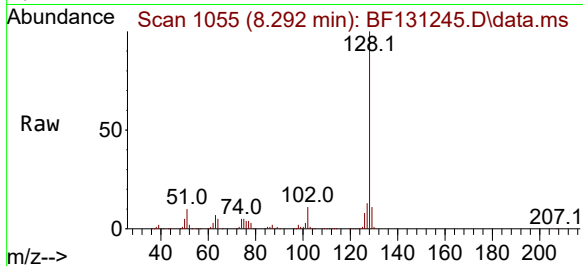




#31
Naphthalene
Concen: 38.377 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

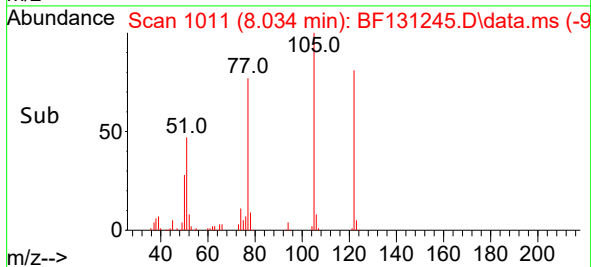
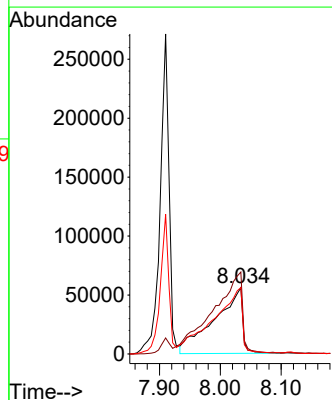
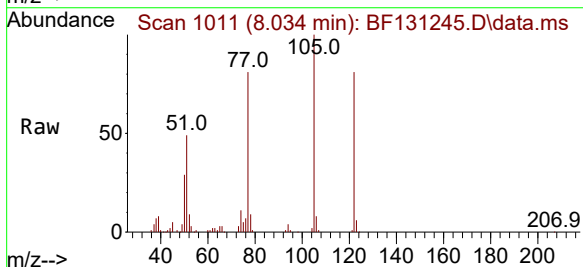
Instrument :
BNA_F
ClientSampleId :
PB148881BS

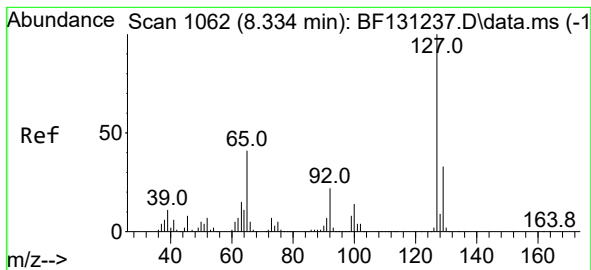
Tgt Ion:128 Resp: 835384
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 43.059 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.012 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:122 Resp: 178983
Ion Ratio Lower Upper
122 100
105 123.7 116.9 156.9
77 100.1 86.9 126.9

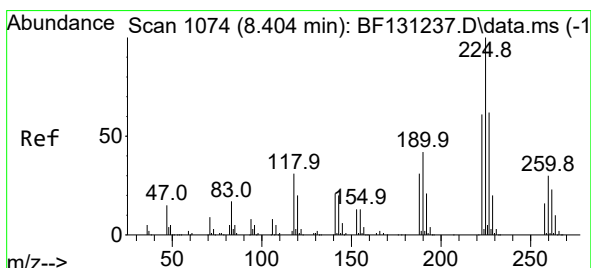
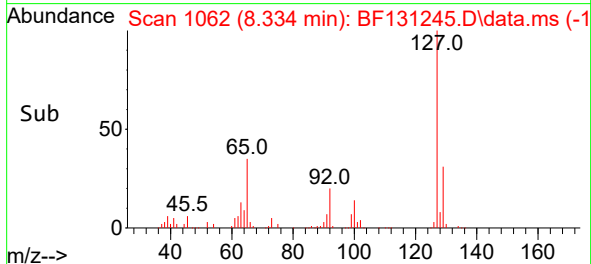
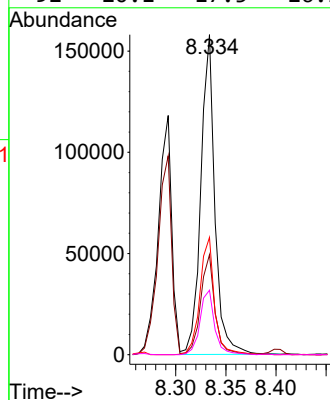
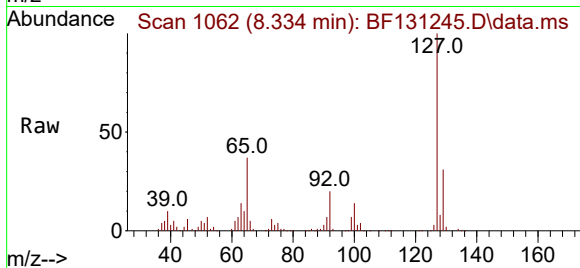




#33
4-Chloroaniline
Concen: 18.038 ng
RT: 8.334 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

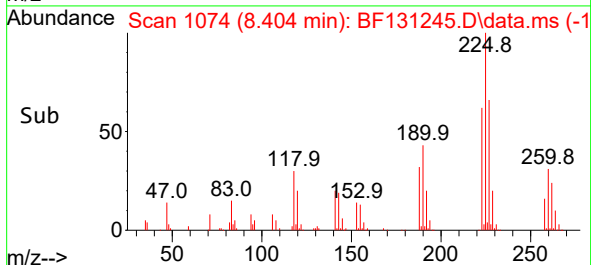
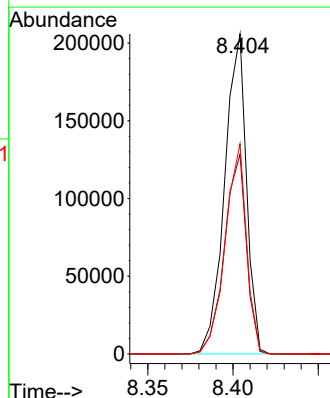
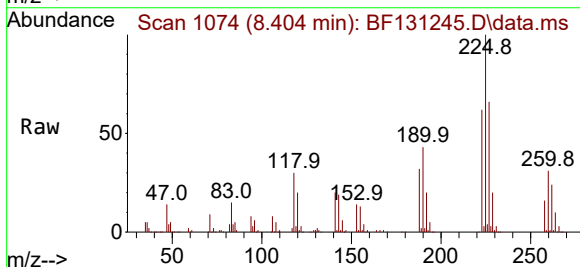
Instrument :
BNA_F
ClientSampleId :
PB148881BS

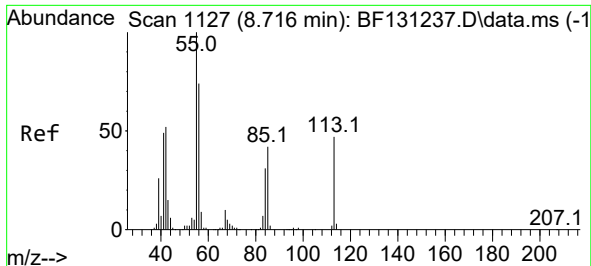
Tgt Ion:	127	Resp:	154564
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	36.7	32.6	48.8
92	20.1	17.5	26.3



#34
Hexachlorobutadiene
Concen: 39.006 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:	225	Resp:	183219
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.1	73.7
227	65.7	50.0	75.0

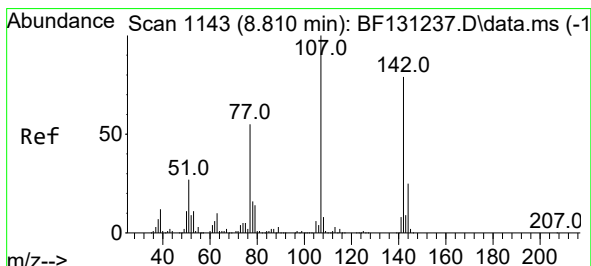
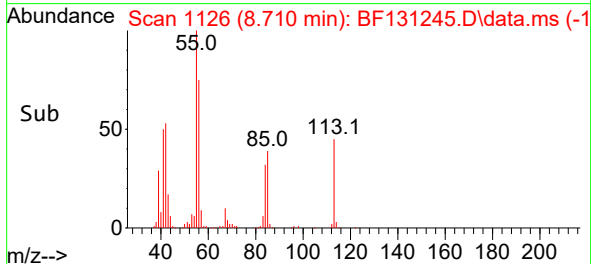
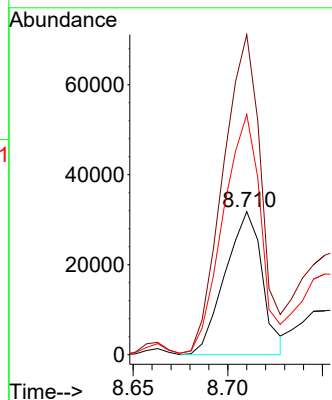
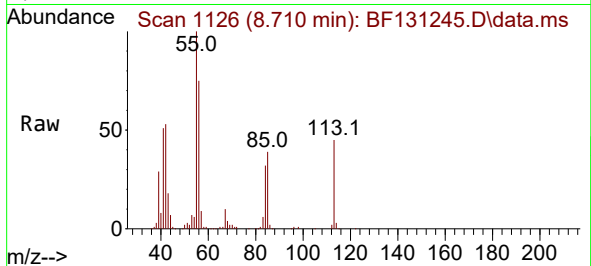




#35
 Caprolactam
 Concen: 23.278 ng
 RT: 8.710 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

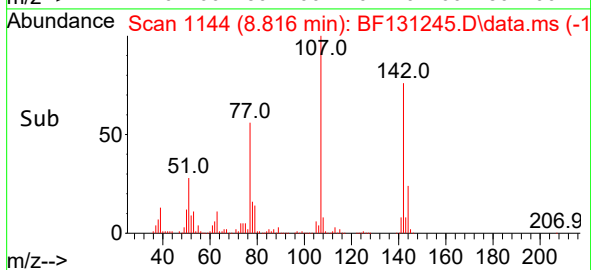
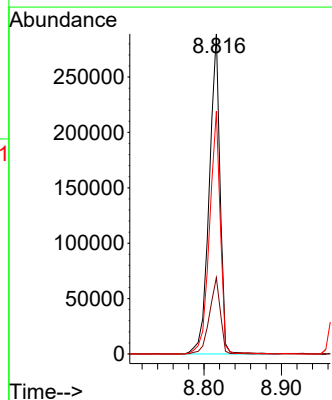
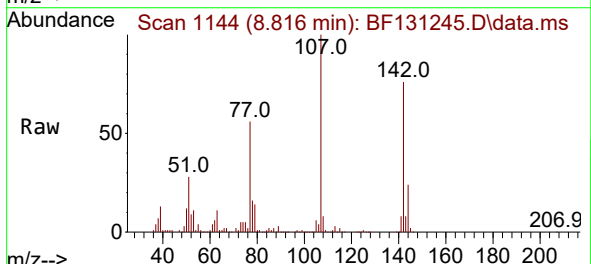
Instrument :
 BNA_F
 ClientSampleId :
 PB148881BS

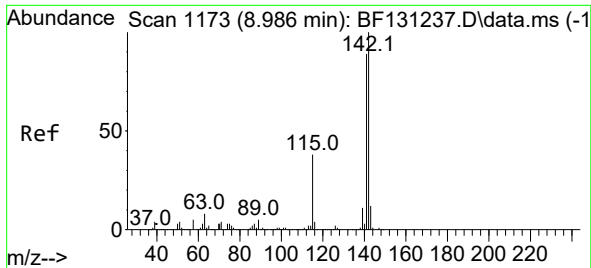
Tgt Ion:113 Resp: 43545
 Ion Ratio Lower Upper
 113 100
 55 223.6 193.2 233.2
 56 167.9 137.2 177.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.964 ng
 RT: 8.816 min Scan# 1144
 Delta R.T. 0.006 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

Tgt Ion:107 Resp: 279602
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.2 30.2
 142 75.8 63.0 94.6

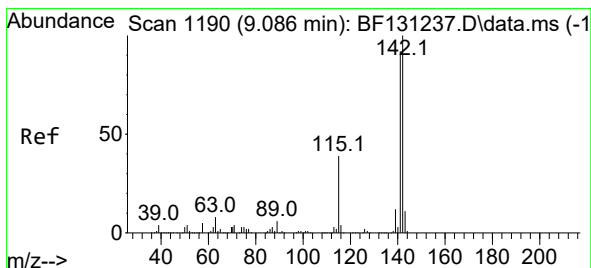
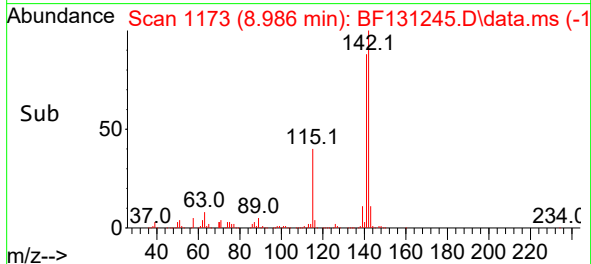
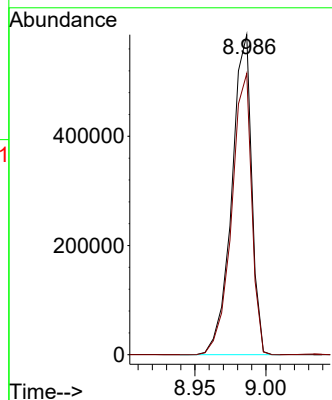
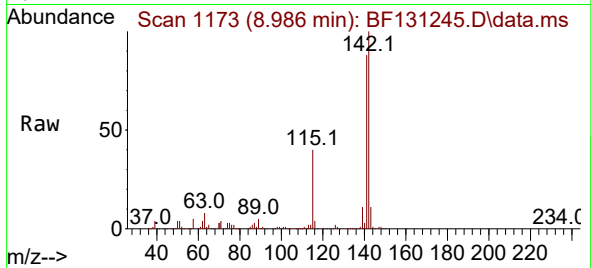




#37
2-Methylnaphthalene
Concen: 39.371 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

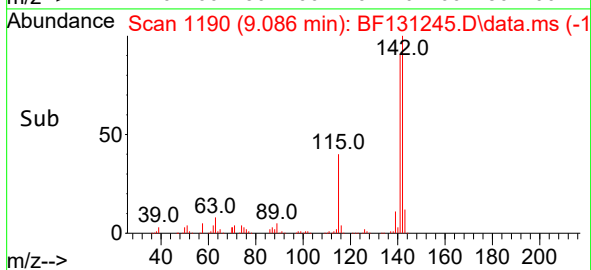
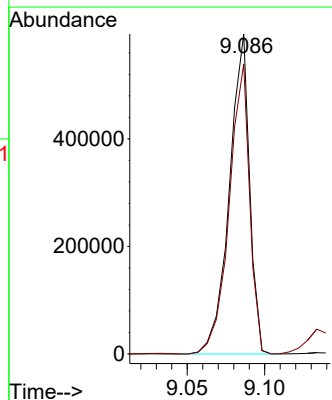
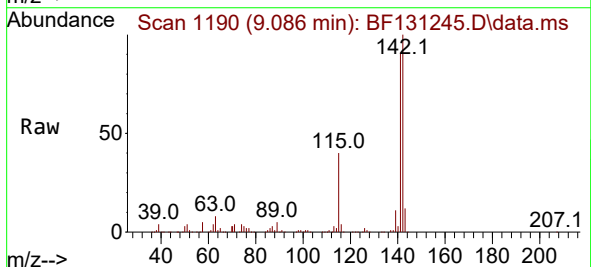
Instrument :
BNA_F
ClientSampleId :
PB148881BS

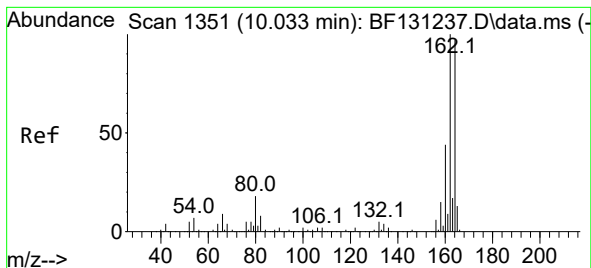
Tgt Ion:142 Resp: 570776
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 38.375 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:142 Resp: 539468
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

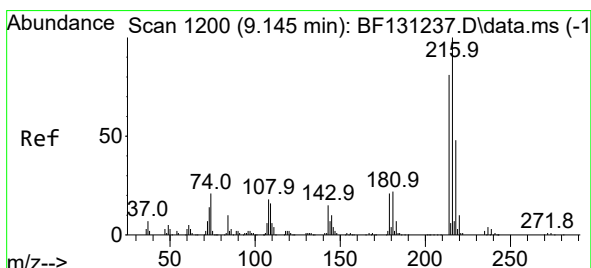
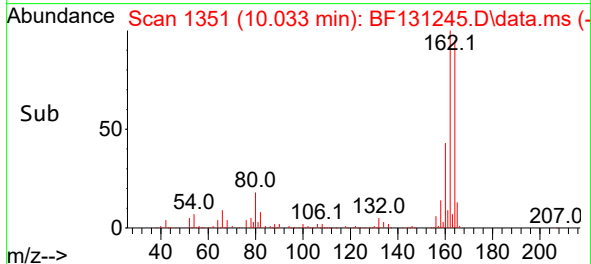
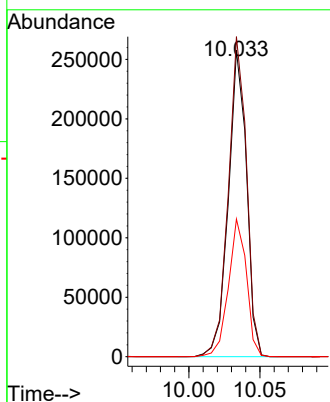
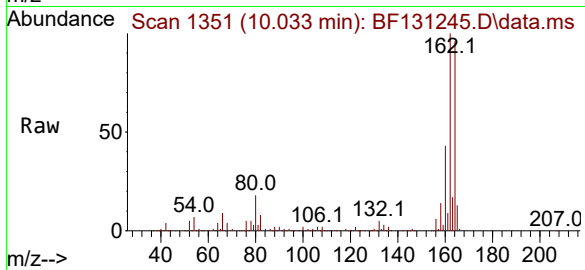
Tgt Ion:164 Resp: 229199

Ion Ratio Lower Upper

164 100

162 104.5 82.1 123.1

160 45.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.502 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Tgt Ion:216 Resp: 291514

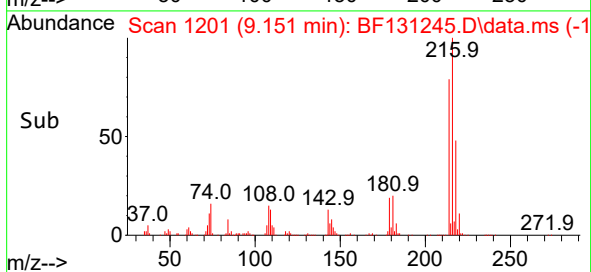
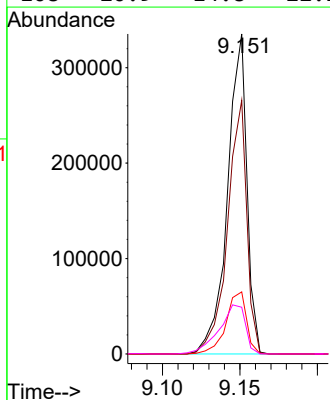
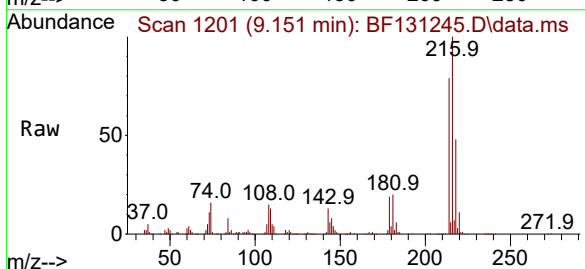
Ion Ratio Lower Upper

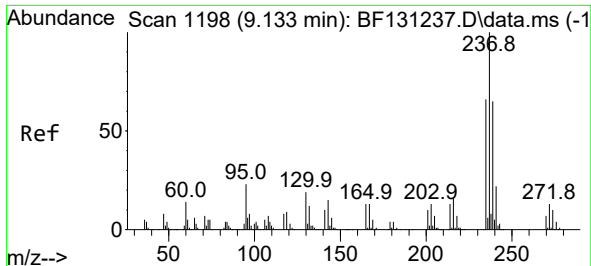
216 100

214 78.6 63.7 95.5

179 20.6 16.5 24.7

108 20.9 14.8 22.2

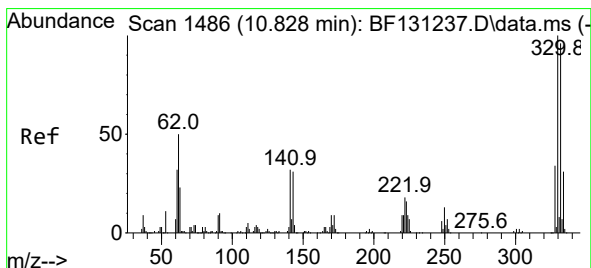
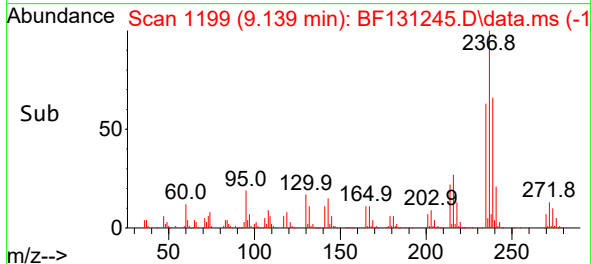
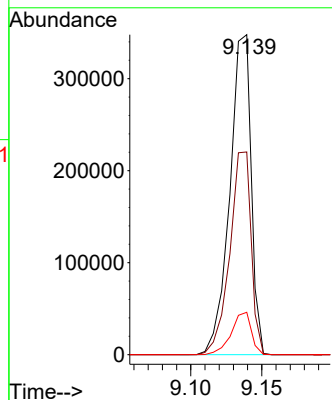
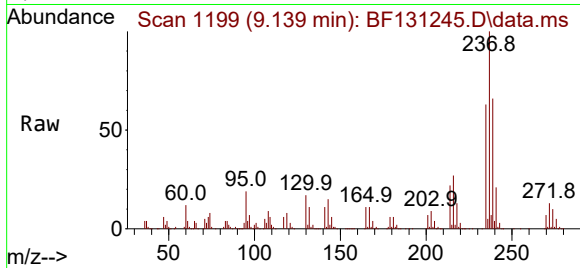




#41
 Hexachlorocyclopentadiene
 Concen: 96.342 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. 0.006 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

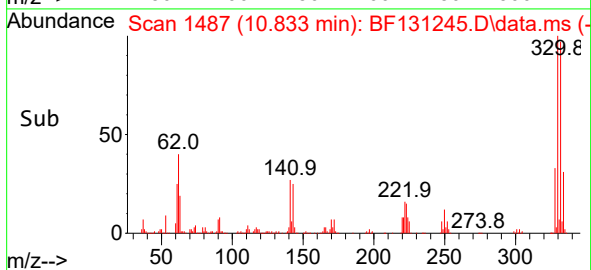
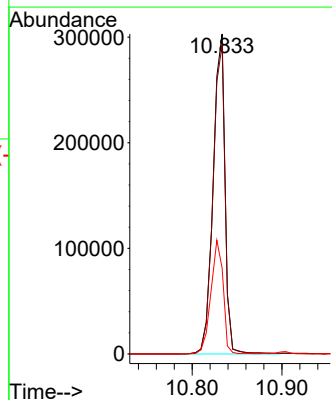
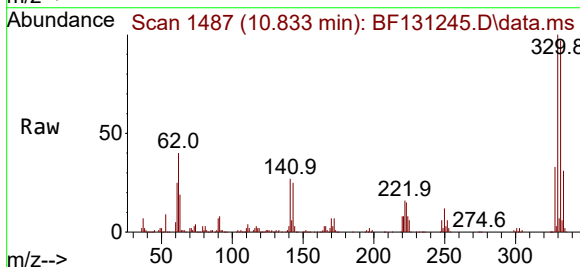
Instrument :
 BNA_F
 ClientSampleId :
 PB148881BS

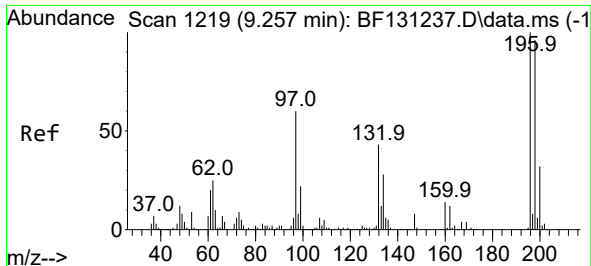
Tgt Ion:237 Resp: 364398
 Ion Ratio Lower Upper
 237 100
 235 63.4 45.6 85.6
 272 13.3 0.0 32.6



#42
 2,4,6-Tribromophenol
 Concen: 127.845 ng
 RT: 10.833 min Scan# 1487
 Delta R.T. 0.005 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

Tgt Ion:330 Resp: 279896
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 36.4 29.6 44.4

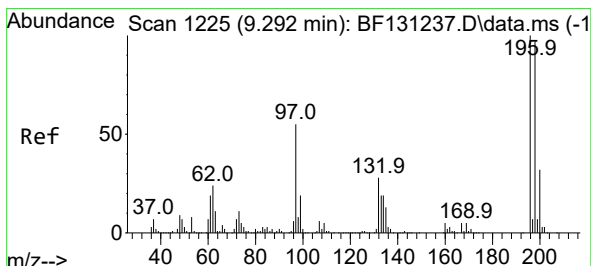
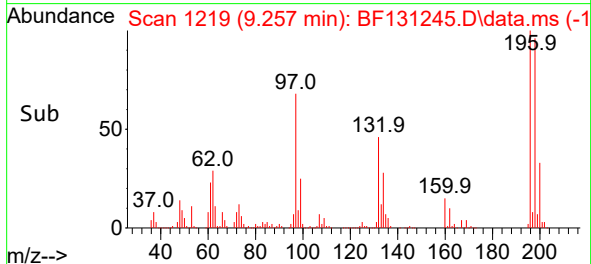
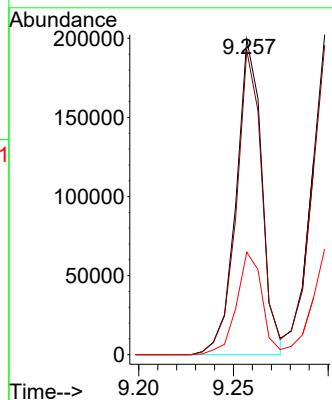
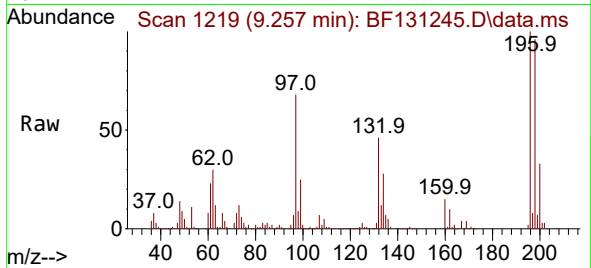




#43
 2,4,6-Trichlorophenol
 Concen: 38.994 ng
 RT: 9.257 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

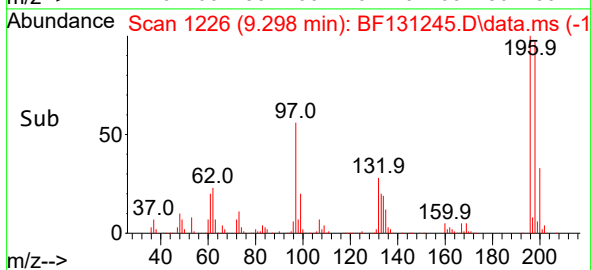
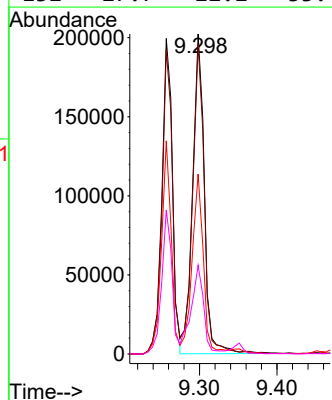
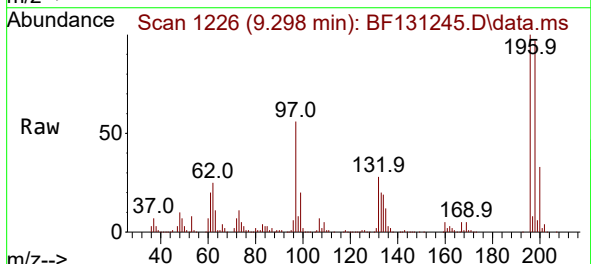
Instrument :
 BNA_F
 ClientSampleId :
 PB148881BS

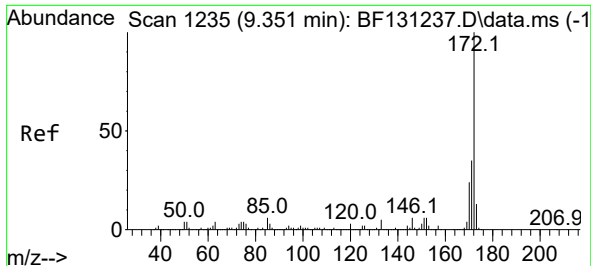
Tgt Ion:196 Resp: 188132
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.5 114.7
 200 32.5 25.3 37.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.304 ng
 RT: 9.298 min Scan# 1226
 Delta R.T. 0.006 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

Tgt Ion:196 Resp: 213851
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.0 115.6
 97 56.2 44.3 66.5
 132 27.7 22.2 33.4

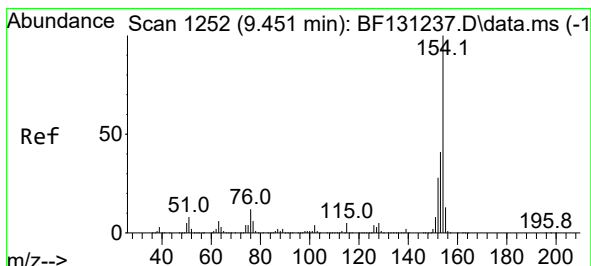
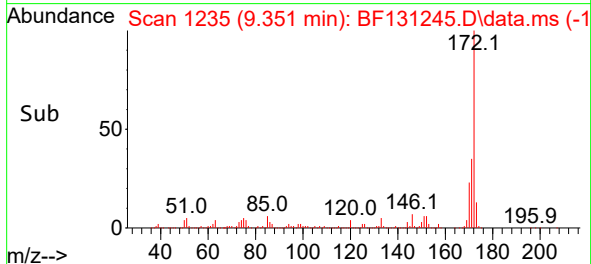
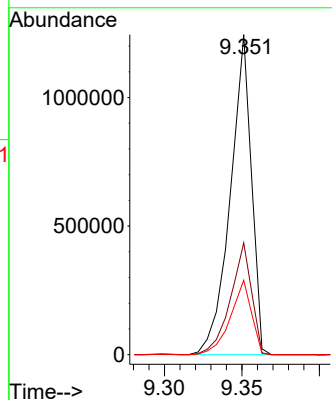
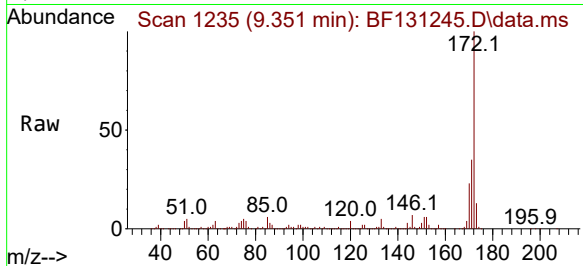




#45
2-Fluorobiphenyl
Concen: 75.292 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

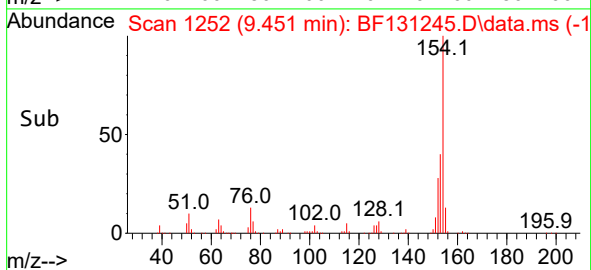
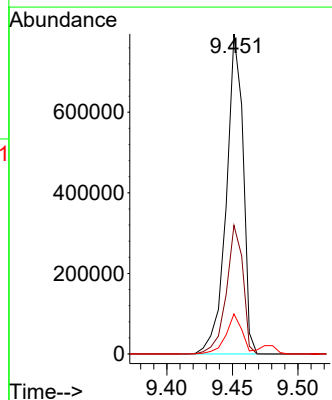
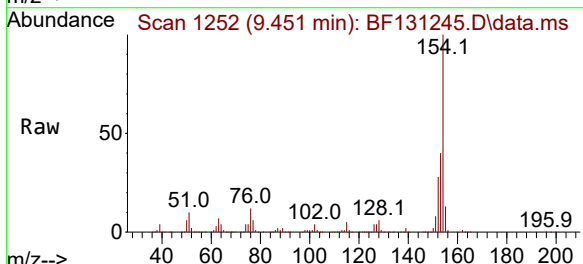
Instrument :
BNA_F
ClientSampleId :
PB148881BS

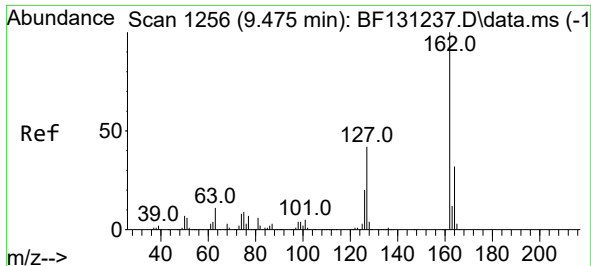
Tgt Ion:172 Resp: 1179229
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 40.099 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:154 Resp: 706528
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 12.5 0.0 31.6





#47

2-Chloronaphthalene

Concen: 39.054 ng

RT: 9.481 min Scan# 1257

Delta R.T. 0.006 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

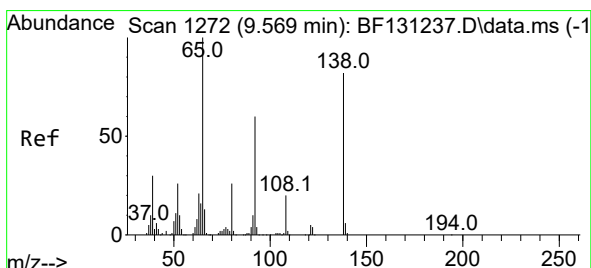
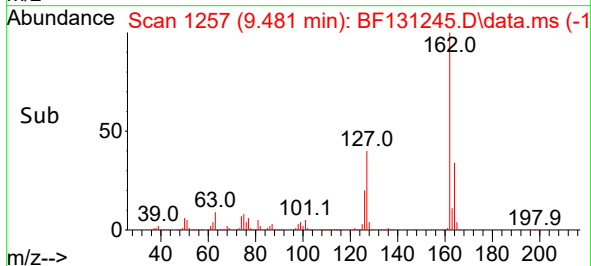
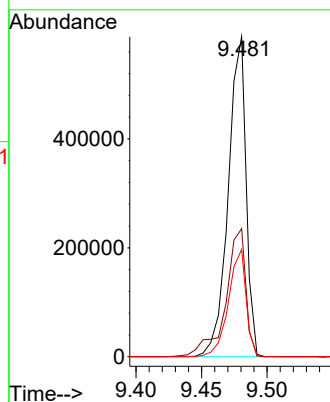
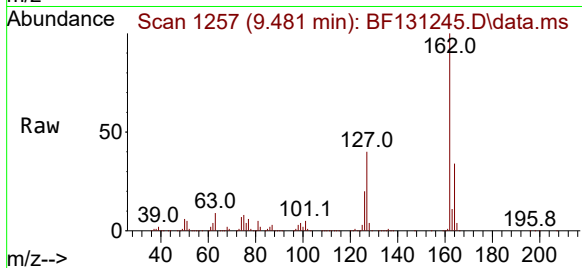
Tgt Ion:162 Resp: 557424

Ion Ratio Lower Upper

162 100

127 40.0 34.1 51.1

164 33.5 25.9 38.9



#48

2-Nitroaniline

Concen: 42.147 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.006 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

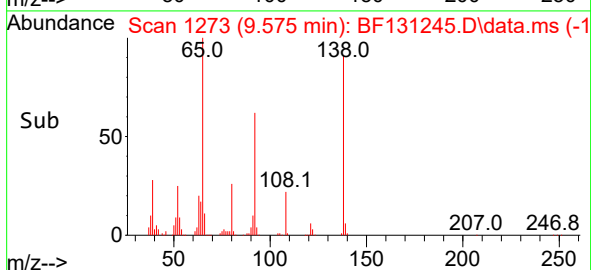
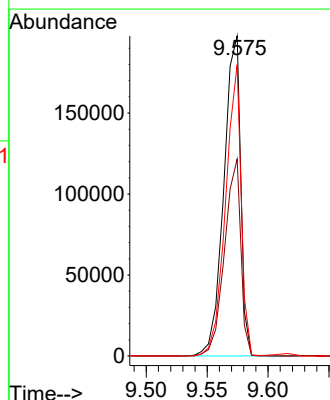
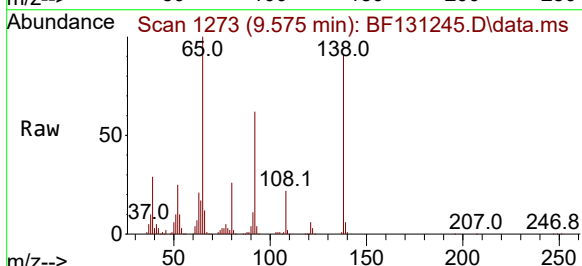
Tgt Ion: 65 Resp: 190564

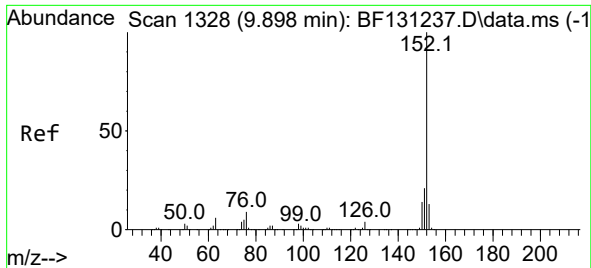
Ion Ratio Lower Upper

65 100

92 61.5 48.2 72.2

138 91.1 65.8 98.8

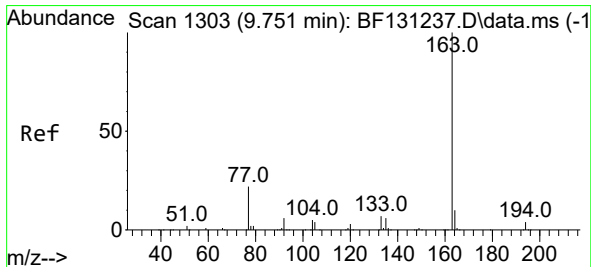
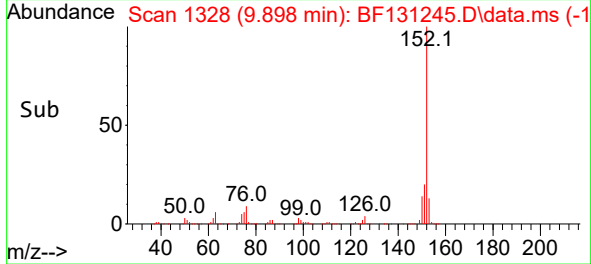
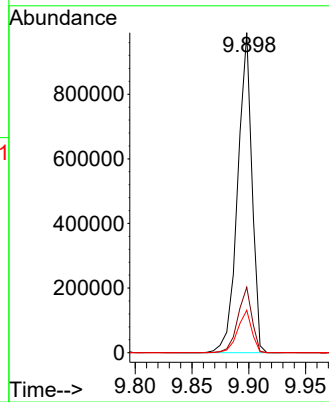
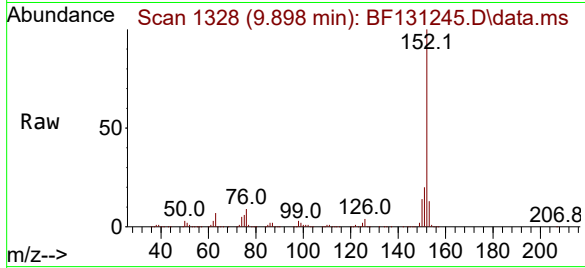




#49
Acenaphthylene
Concen: 39.566 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

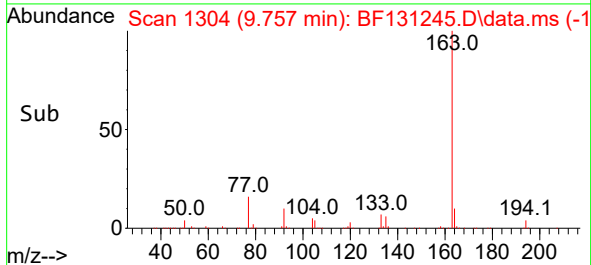
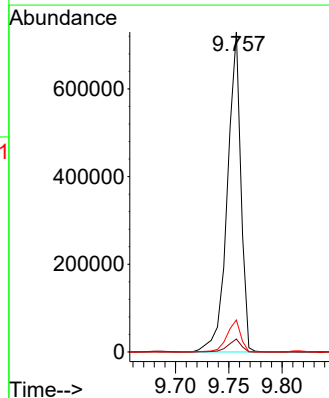
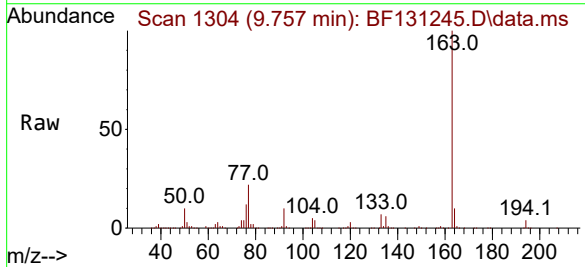
Instrument :
BNA_F
ClientSampleId :
PB148881BS

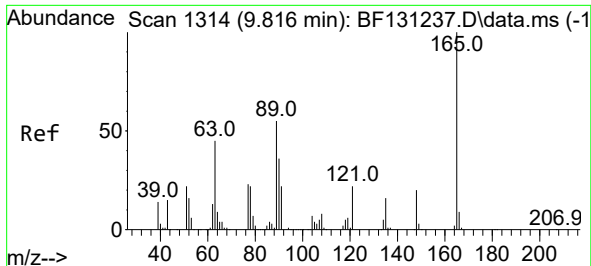
Tgt Ion:152 Resp: 862375
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 39.055 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:163 Resp: 640990
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 7.9 11.9

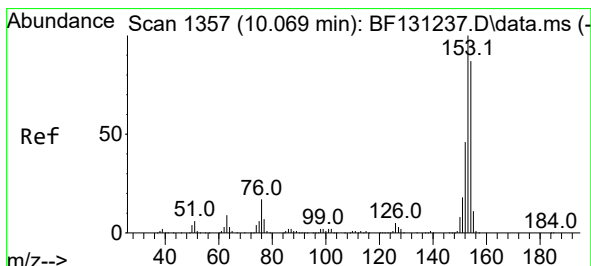
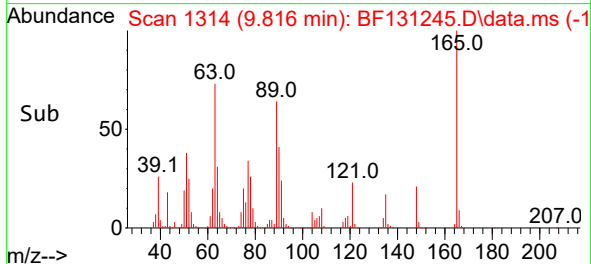
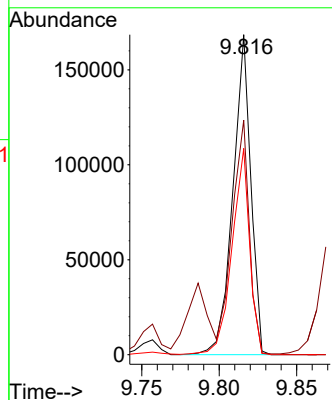
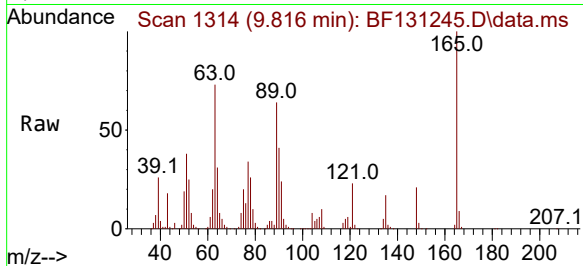




#51
2,6-Dinitrotoluene
Concen: 42.467 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

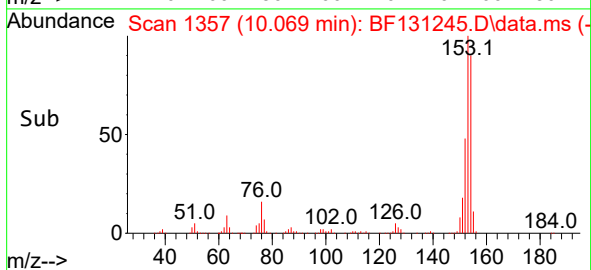
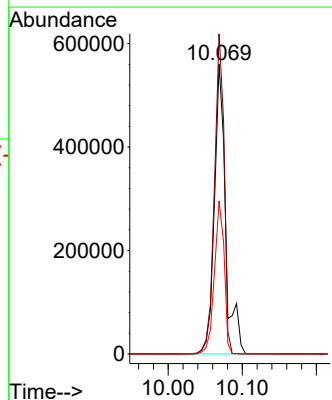
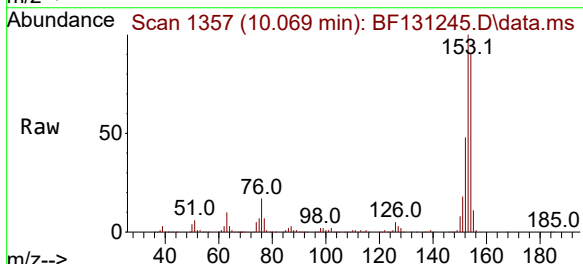
Instrument :
BNA_F
ClientSampleId :
PB148881BS

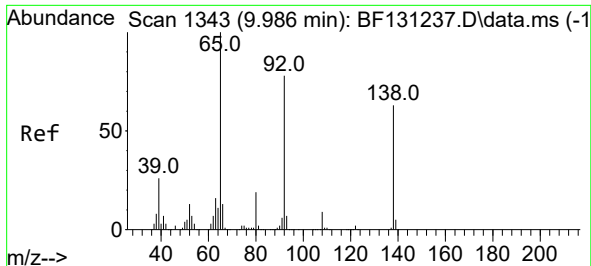
Tgt Ion:165 Resp: 135543
Ion Ratio Lower Upper
165 100
63 73.3 49.8 74.6
89 64.5 44.5 66.7



#52
Acenaphthene
Concen: 43.194 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:154 Resp: 587650
Ion Ratio Lower Upper
154 100
153 110.5 91.4 137.2
152 52.9 42.4 63.6

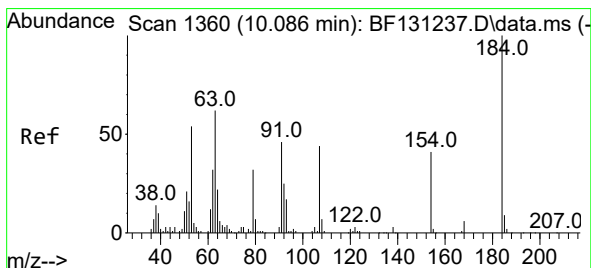
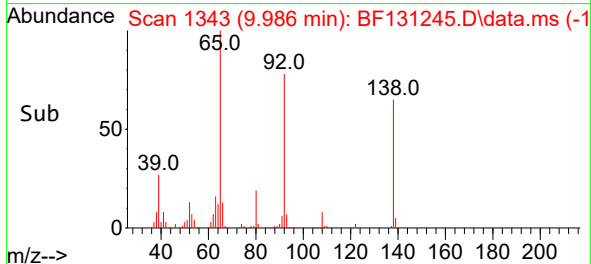
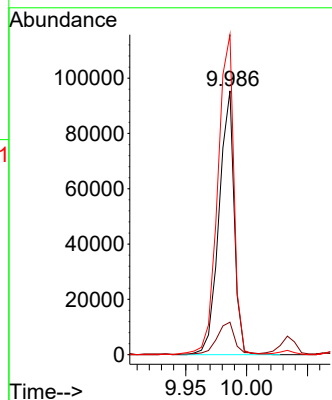
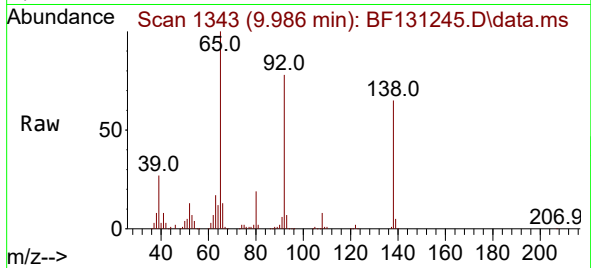




#53
3-Nitroaniline
Concen: 25.495 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

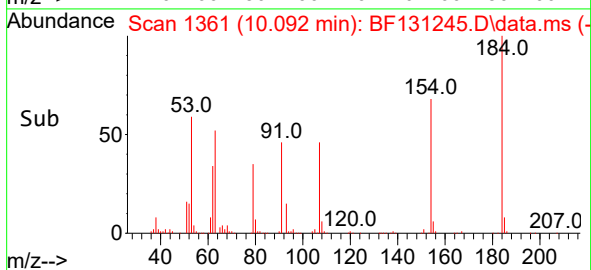
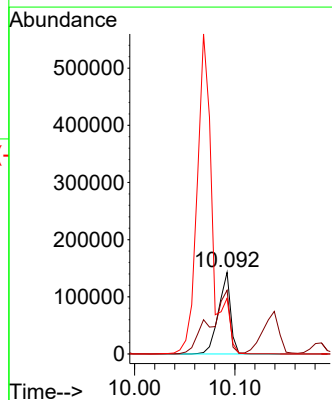
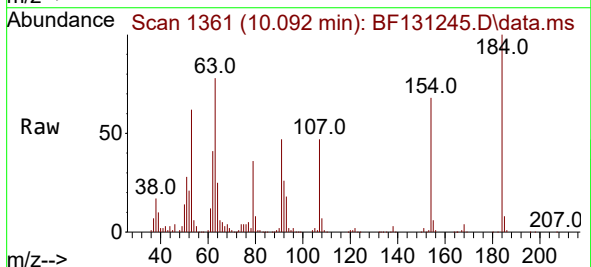
Instrument :
BNA_F
ClientSampleId :
PB148881BS

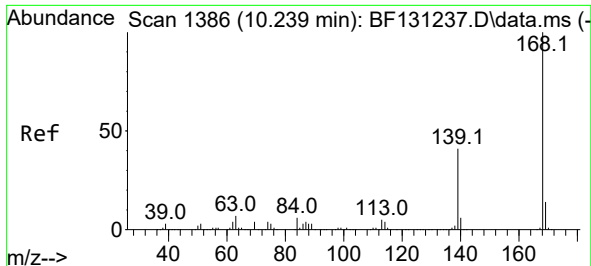
Tgt Ion:138 Resp: 82983
Ion Ratio Lower Upper
138 100
108 12.3 11.4 17.2
92 121.2 98.6 148.0



#54
2,4-Dinitrophenol
Concen: 81.318 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:184 Resp: 119334
Ion Ratio Lower Upper
184 100
63 78.0 52.5 78.7
154 68.2 54.0 81.0

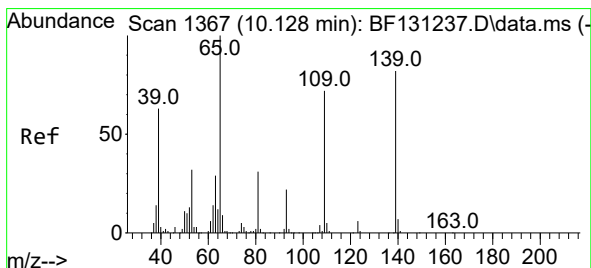
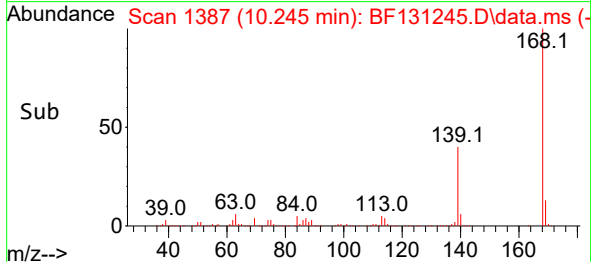
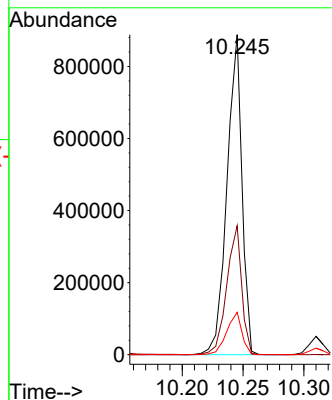
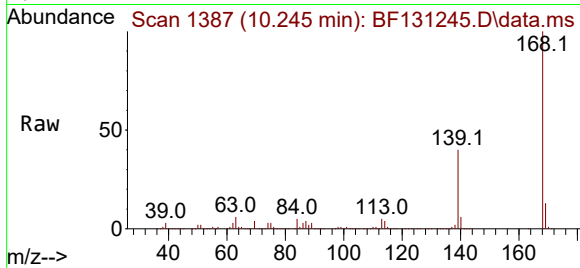




#55
Dibenzenofuran
Concen: 39.136 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

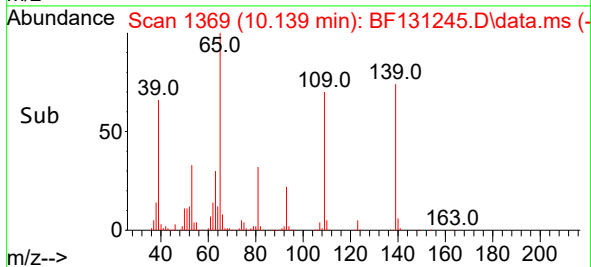
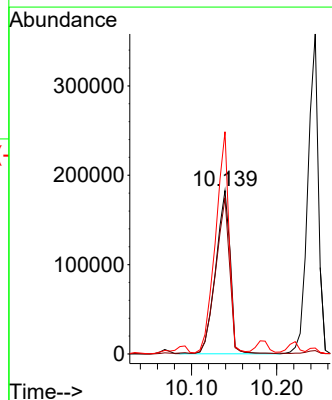
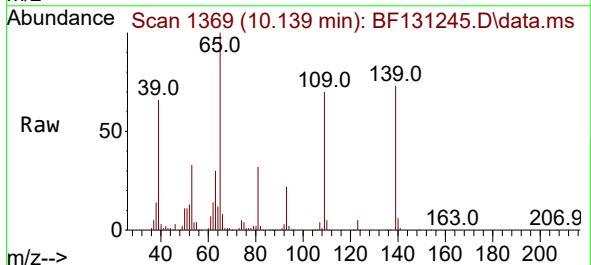
Instrument :
BNA_F
ClientSampleId :
PB148881BS

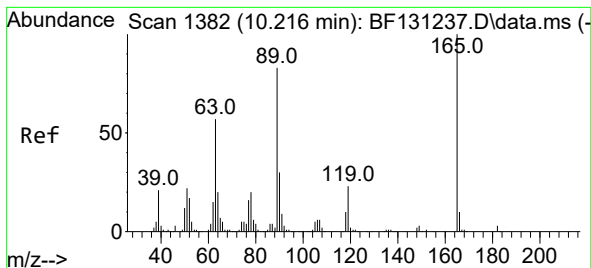
Tgt Ion:168 Resp: 762855
Ion Ratio Lower Upper
168 100
139 40.3 32.9 49.3
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 83.121 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:139 Resp: 214646
Ion Ratio Lower Upper
139 100
109 95.5 68.1 108.1
65 136.1 101.6 141.6

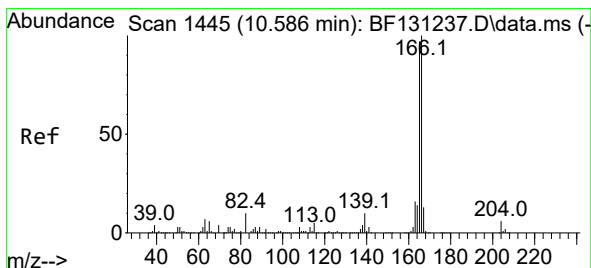
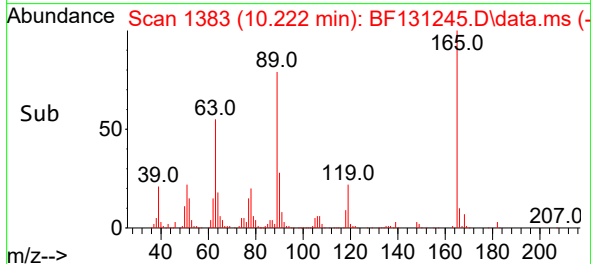
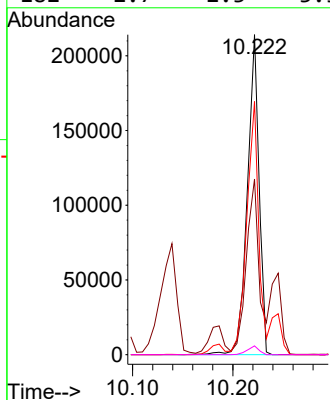
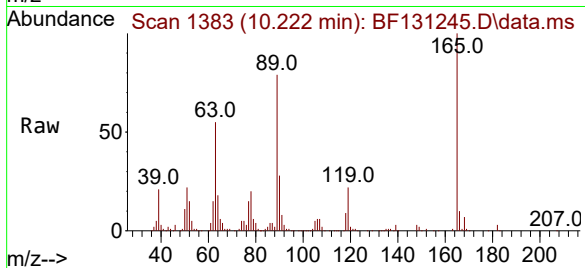




#57
2,4-Dinitrotoluene
Concen: 44.044 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

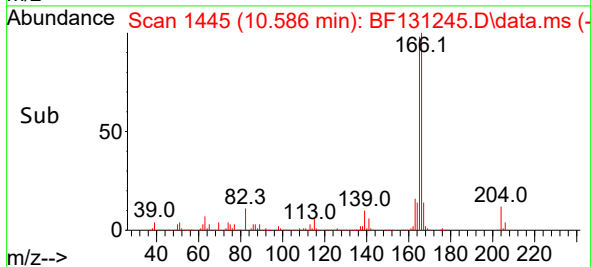
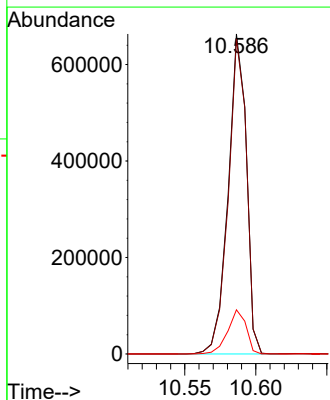
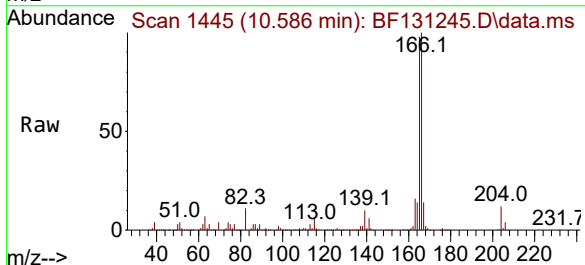
Instrument :
BNA_F
ClientSampleId :
PB148881BS

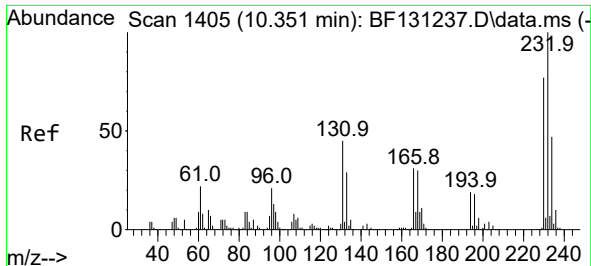
Tgt Ion:165 Resp: 174505
Ion Ratio Lower Upper
165 100
63 54.9 46.0 69.0
89 79.1 66.2 99.4
182 2.7 2.3 3.5



#58
Fluorene
Concen: 38.698 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:166 Resp: 593565
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.0
167 13.8 10.5 15.7

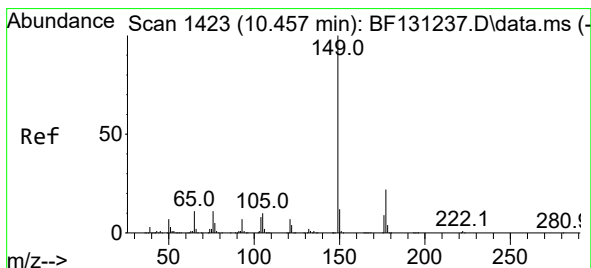
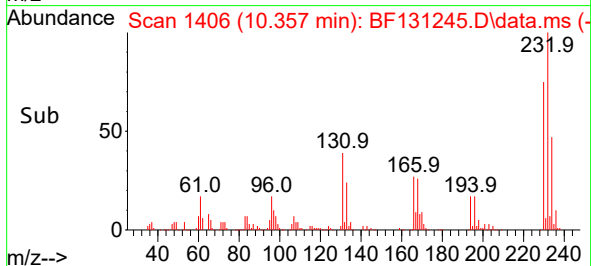
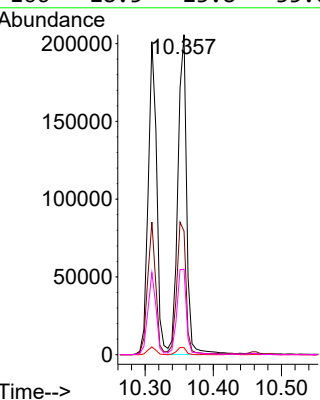
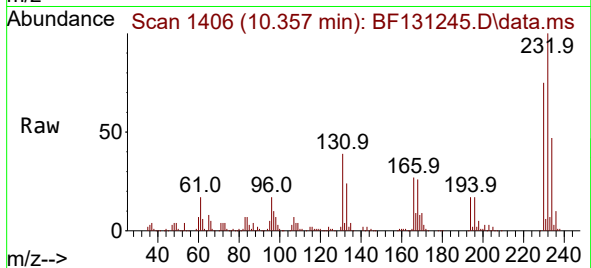




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.774 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

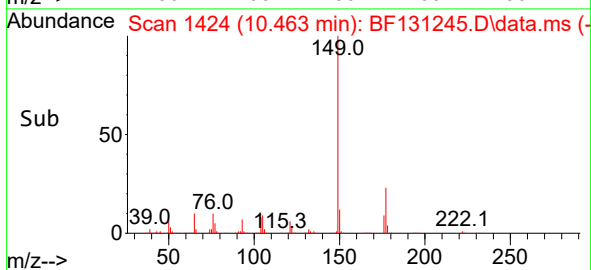
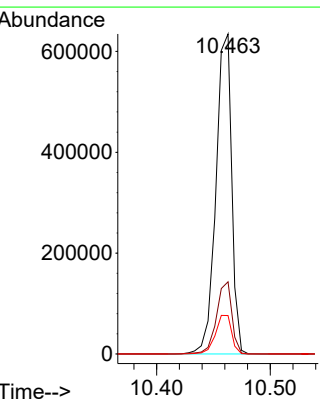
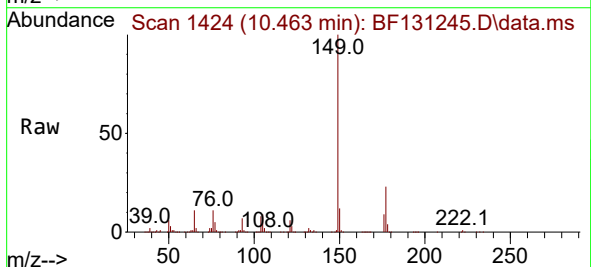
Instrument :
BNA_F
ClientSampleId :
PB148881BS

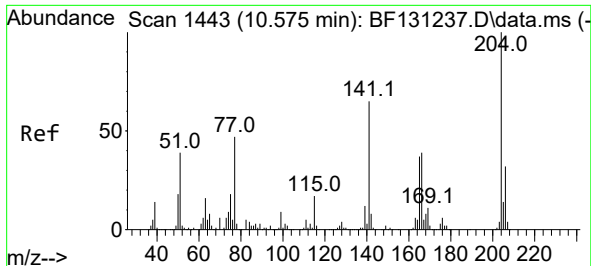
Tgt Ion:232 Resp: 183223
Ion Ratio Lower Upper
232 100
131 42.8 34.6 51.8
130 2.4 1.9 2.9
166 28.5 23.8 35.6



#60
Diethylphthalate
Concen: 39.508 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:149 Resp: 612923
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.0 9.9 14.9

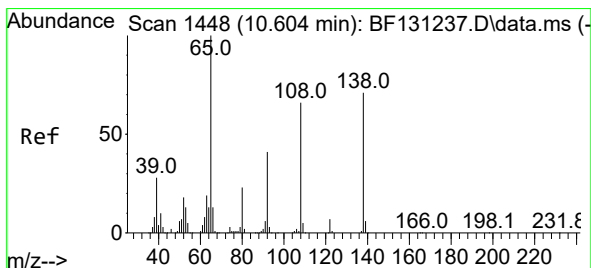
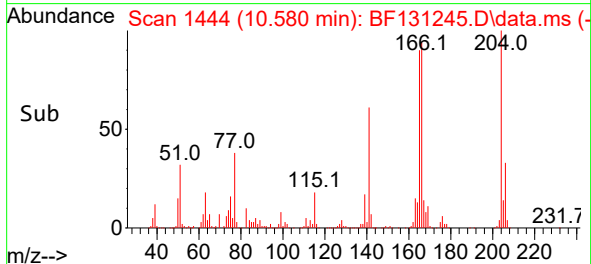
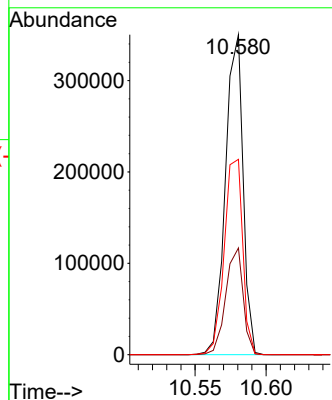
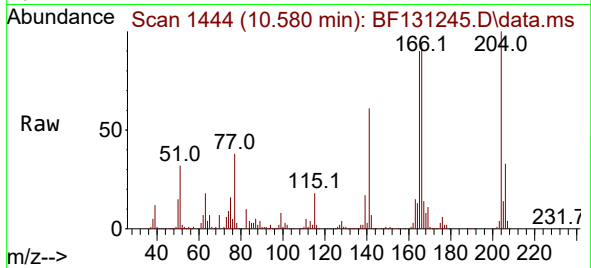




#61
4-Chlorophenyl-phenylether
Concen: 39.751 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

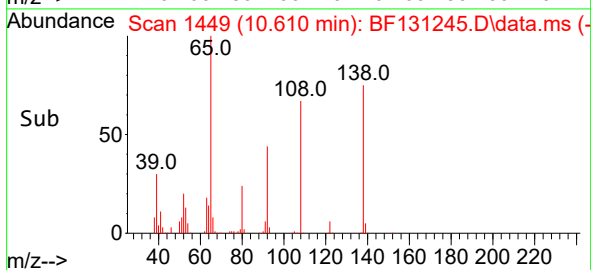
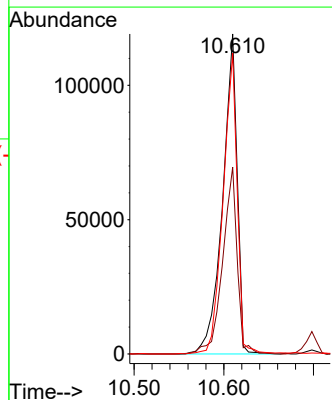
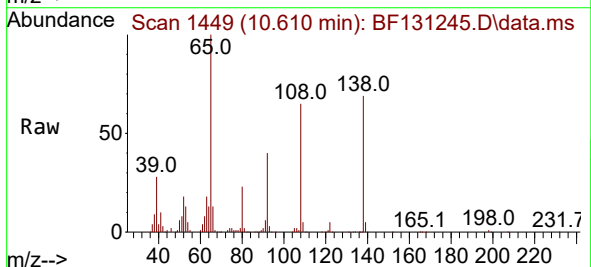
Instrument :
BNA_F
ClientSampleId :
PB148881BS

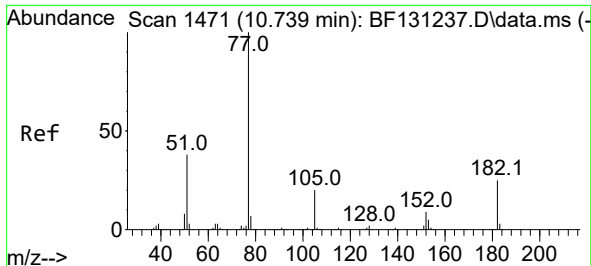
Tgt Ion:204 Resp: 301489
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 61.1 52.1 78.1



#62
4-Nitroaniline
Concen: 40.042 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:138 Resp: 134357
Ion Ratio Lower Upper
138 100
92 58.4 37.6 77.6
108 93.9 73.2 113.2

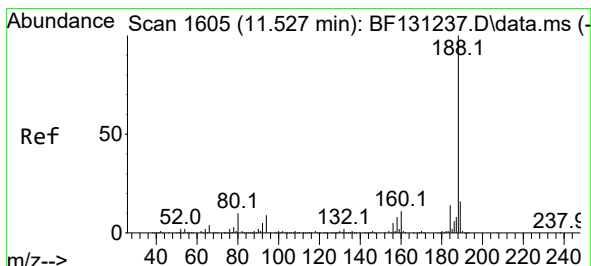
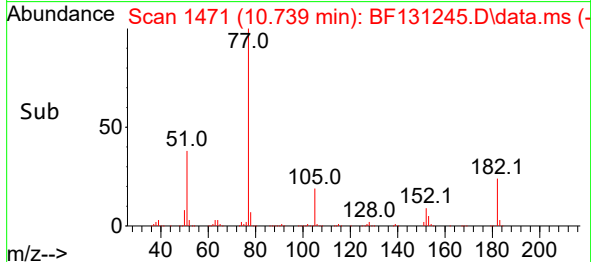
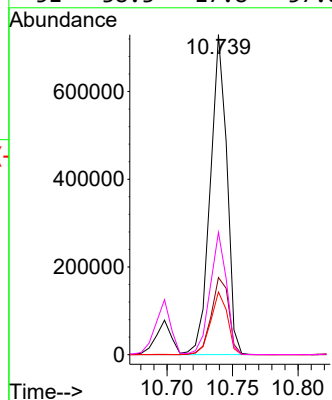
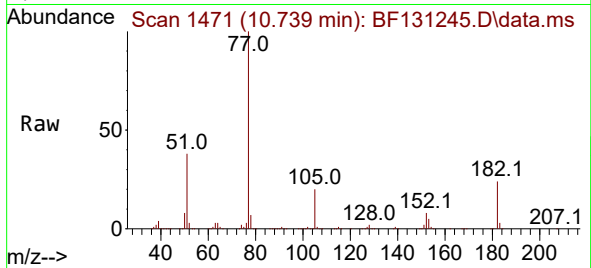




#63
Azobenzene
Concen: 39.446 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

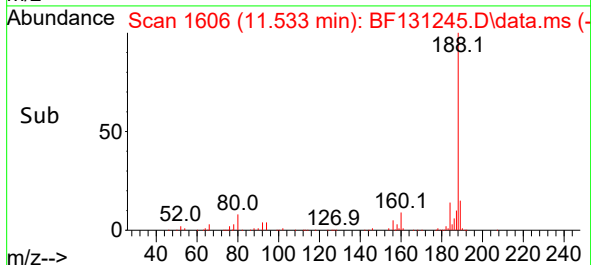
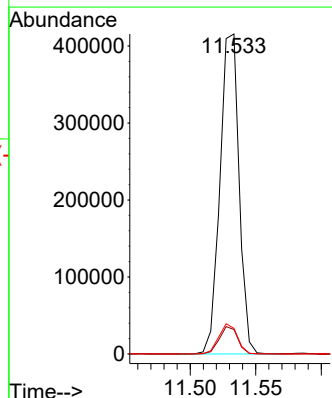
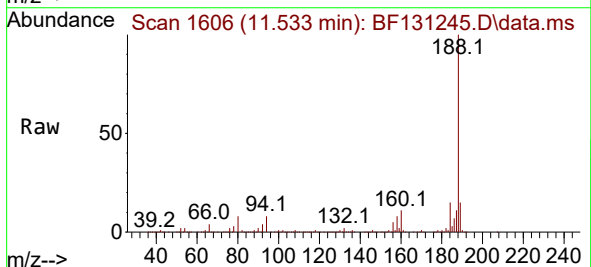
Instrument :
BNA_F
ClientSampleId :
PB148881BS

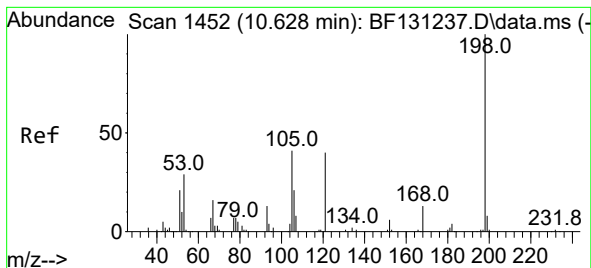
Tgt Ion: 77 Resp: 640715
Ion Ratio Lower Upper
77 100
182 24.1 5.0 45.0
105 19.6 0.1 40.1
51 38.3 17.8 57.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion: 188 Resp: 420973
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.0 8.0 12.0

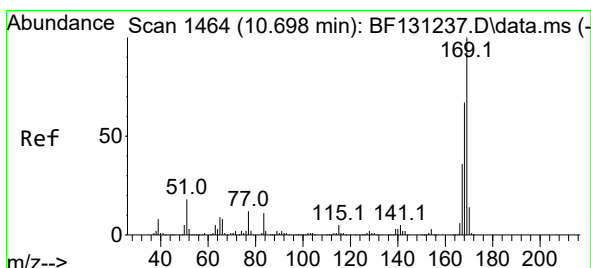
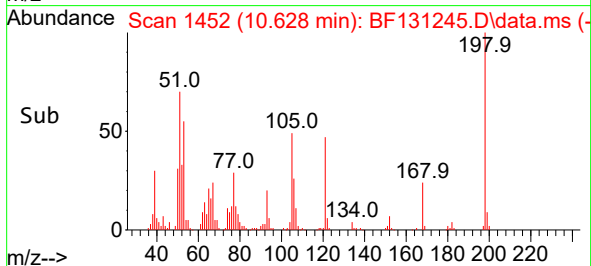
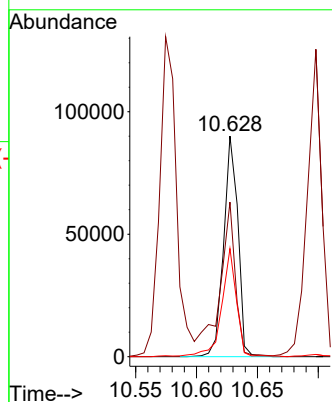
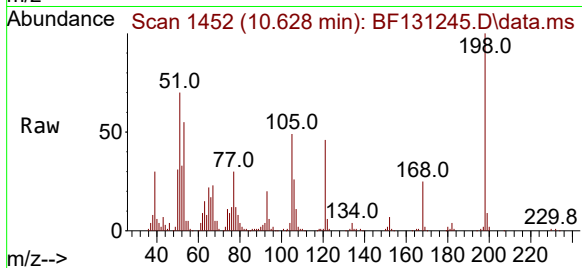




#65
4,6-Dinitro-2-methylphenol
Concen: 40.303 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

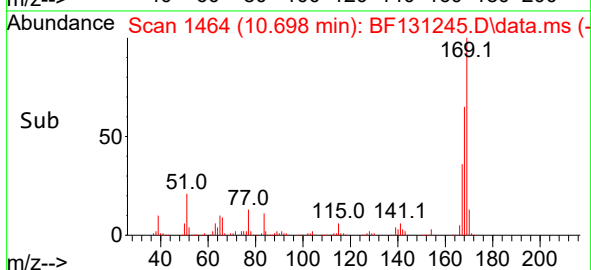
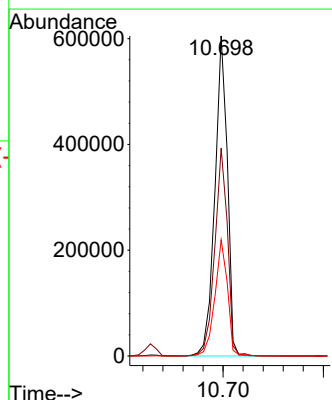
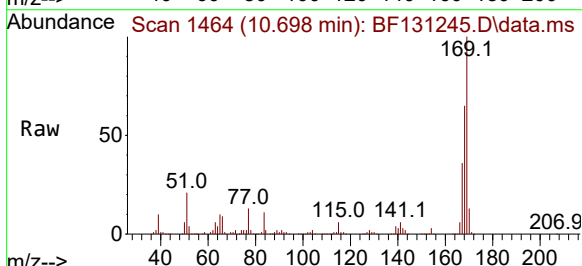
Instrument :
BNA_F
ClientSampleId :
PB148881BS

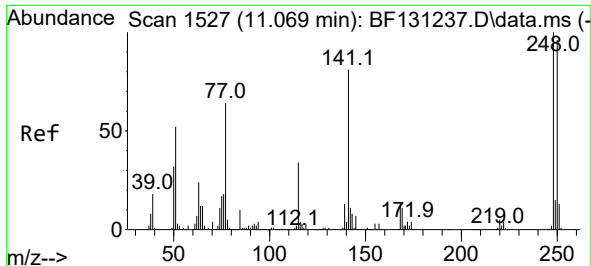
Tgt Ion:198 Resp: 73402
Ion Ratio Lower Upper
198 100
51 70.0 29.4 69.4#
105 49.0 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 39.016 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:169 Resp: 521826
Ion Ratio Lower Upper
169 100
168 64.9 53.4 80.0
167 36.3 28.9 43.3

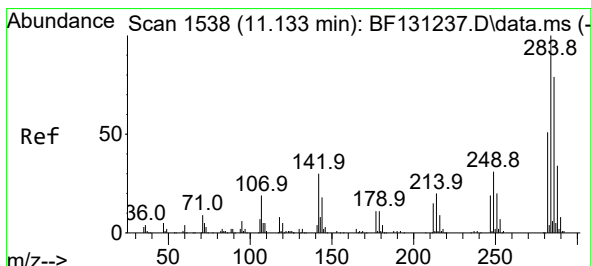
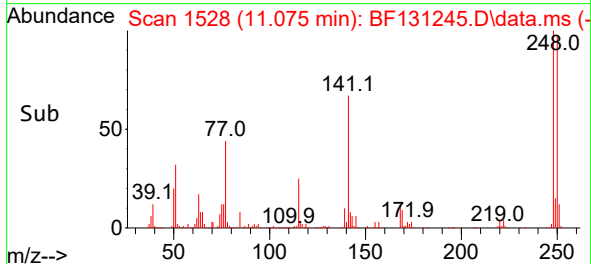
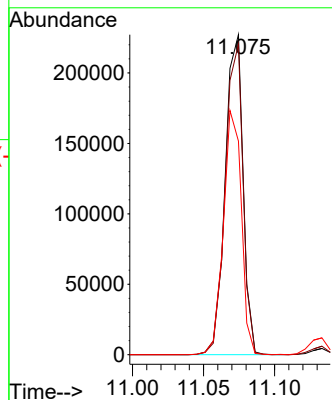
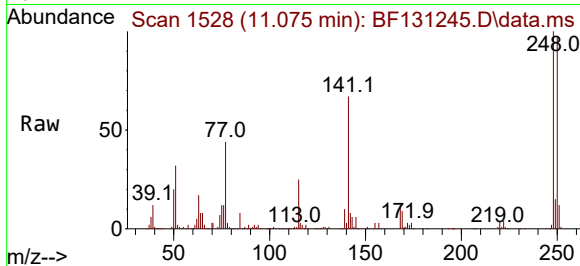




#67
4-Bromophenyl-phenylether
Concen: 40.127 ng
RT: 11.075 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

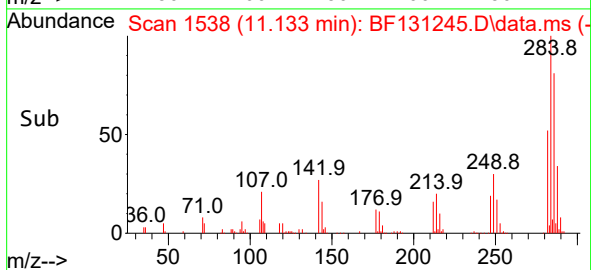
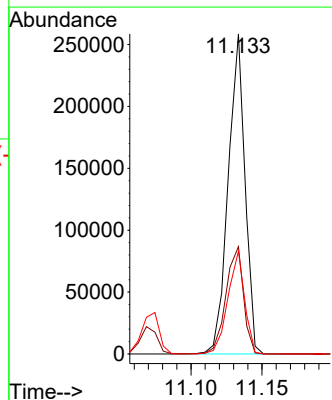
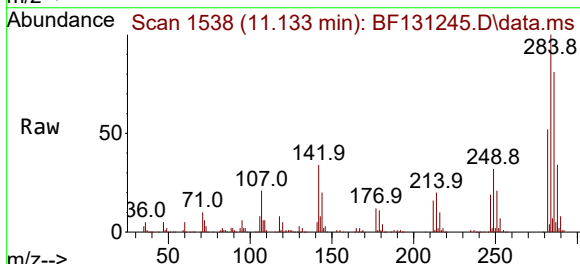
Instrument :
BNA_F
ClientSampleId :
PB148881BS

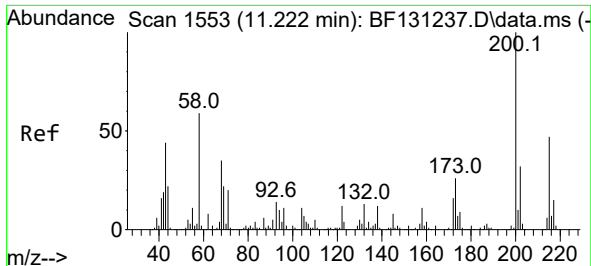
Tgt Ion:248 Resp: 198341
Ion Ratio Lower Upper
248 100
250 97.0 76.6 114.8
141 66.8 64.7 97.1



#68
Hexachlorobenzene
Concen: 39.639 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:284 Resp: 212336
Ion Ratio Lower Upper
284 100
142 33.6 24.3 36.5
249 32.1 24.8 37.2

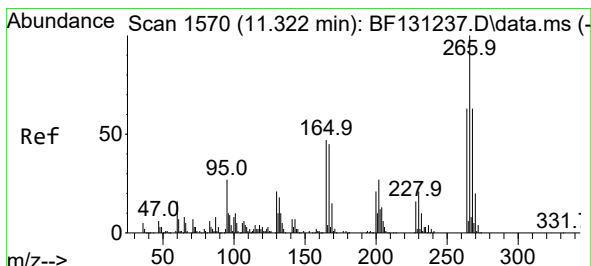
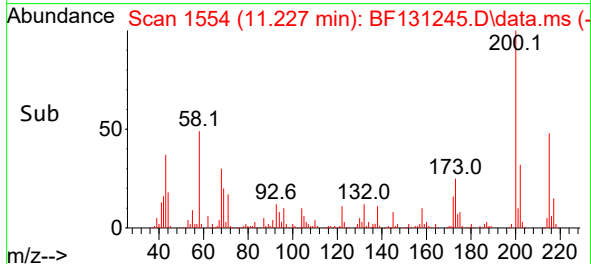
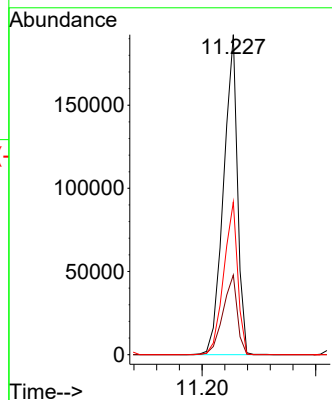
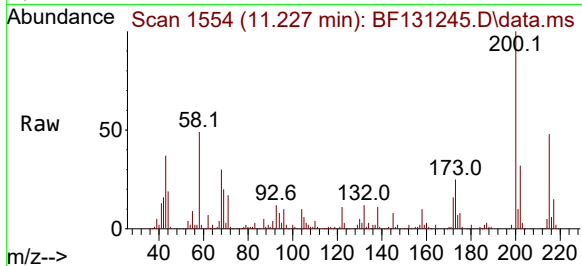




#69
Atrazine
Concen: 37.524 ng
RT: 11.227 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

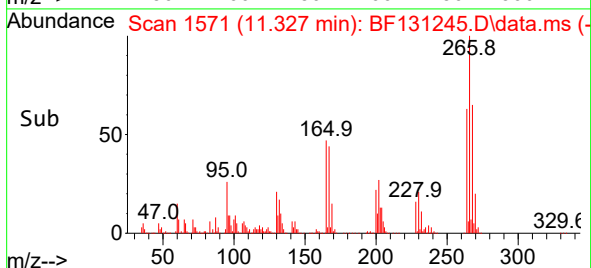
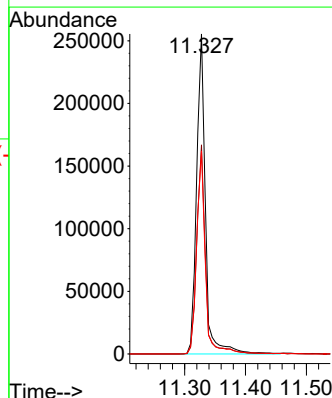
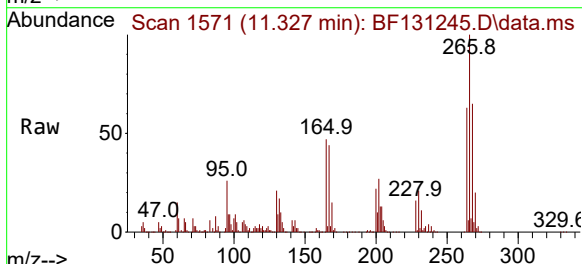
Instrument :
BNA_F
ClientSampleId :
PB148881BS

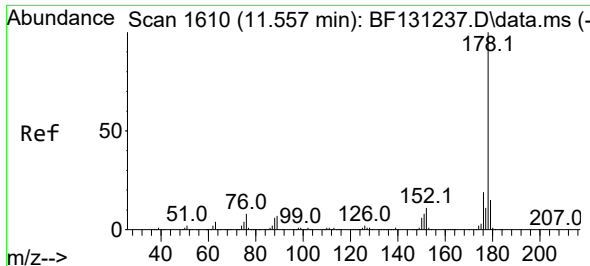
Tgt Ion:200 Resp: 164505
Ion Ratio Lower Upper
200 100
173 24.9 6.4 46.4
215 47.7 26.5 66.5



#70
Pentachlorophenol
Concen: 82.203 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:266 Resp: 257013
Ion Ratio Lower Upper
266 100
268 65.4 50.5 75.7
264 63.4 50.4 75.6

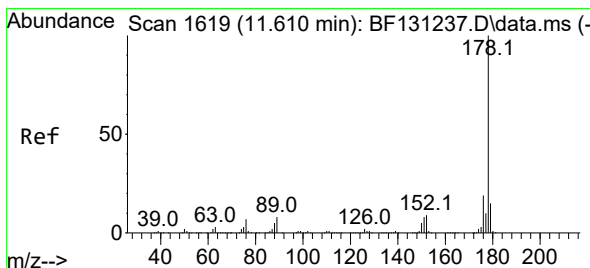
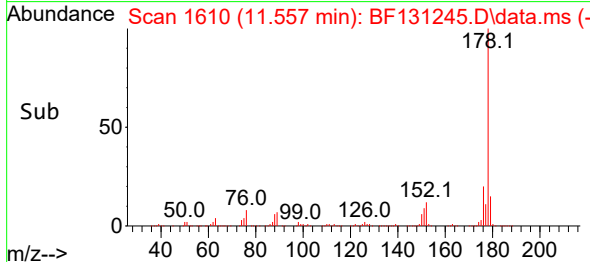
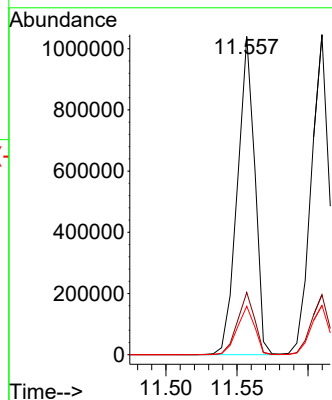
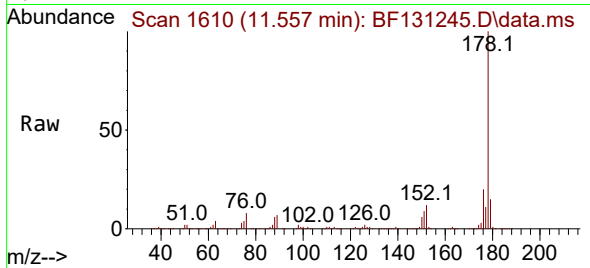




#71
Phenanthrene
Concen: 38.166 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

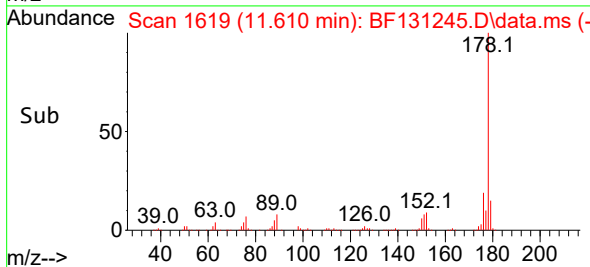
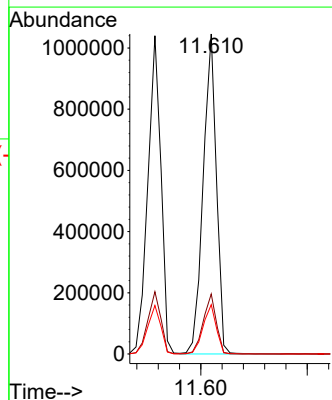
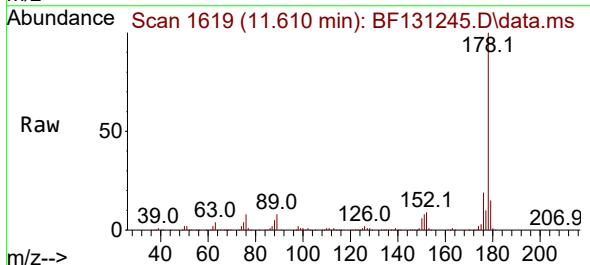
Instrument :
BNA_F
ClientSampleId :
PB148881BS

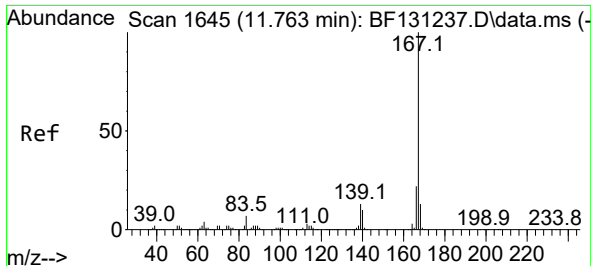
Tgt Ion:178 Resp: 886714
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.2 12.1 18.1



#72
Anthracene
Concen: 39.882 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:178 Resp: 905139
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.4 12.2 18.2

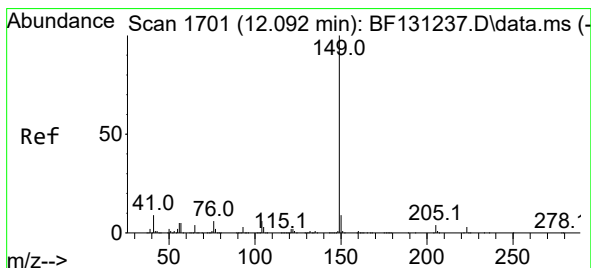
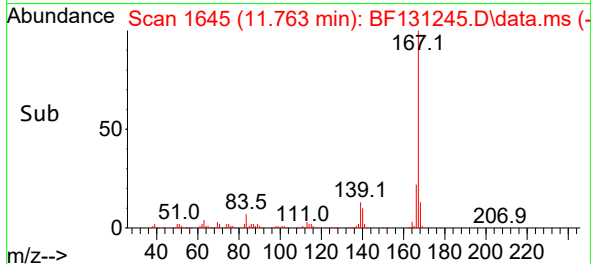
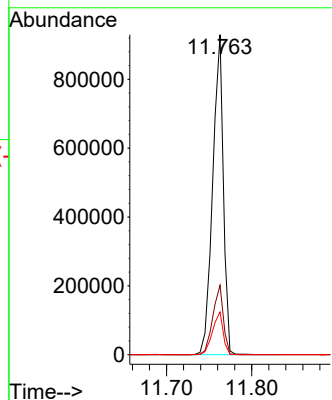
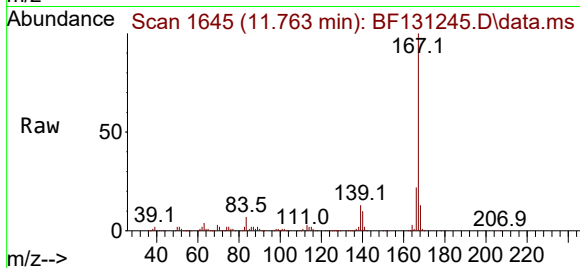




#73
 Carbazole
 Concen: 39.880 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

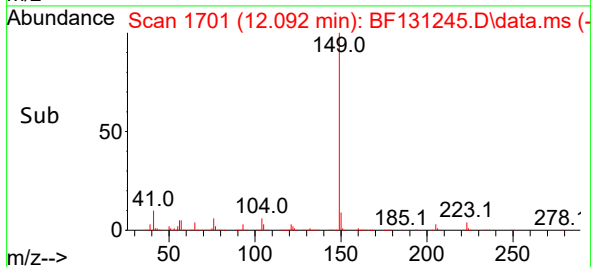
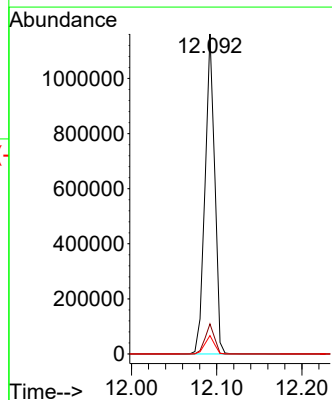
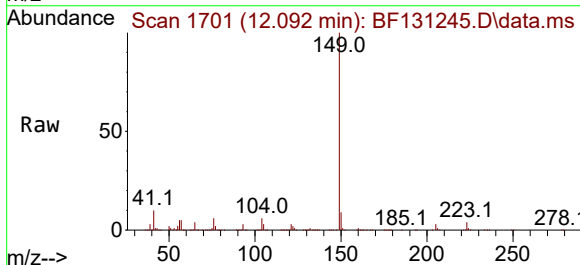
Instrument :
 BNA_F
 ClientSampleId :
 PB148881BS

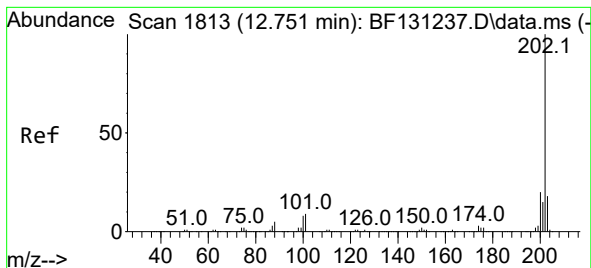
Tgt Ion:167 Resp: 810167
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.4 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 38.571 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

Tgt Ion:149 Resp: 911942
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 38.718 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

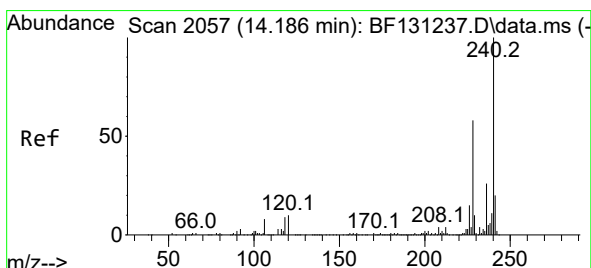
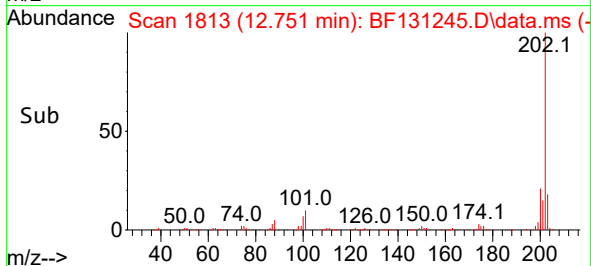
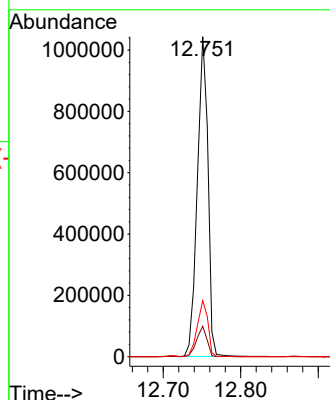
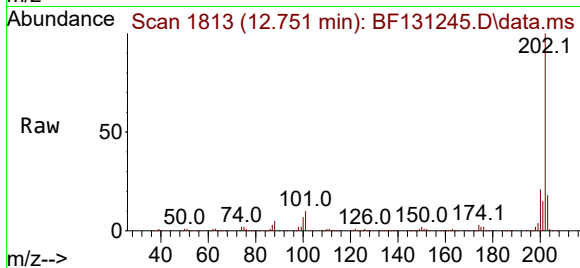
Tgt Ion:202 Resp: 992068

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.4

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

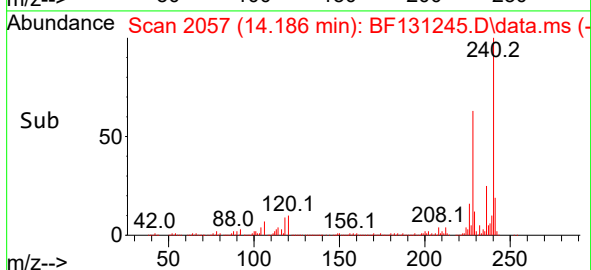
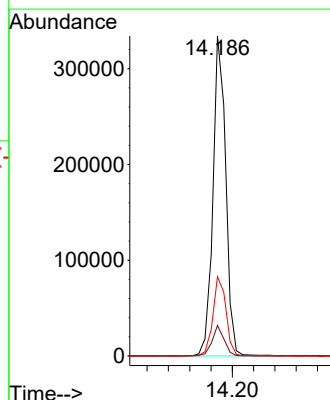
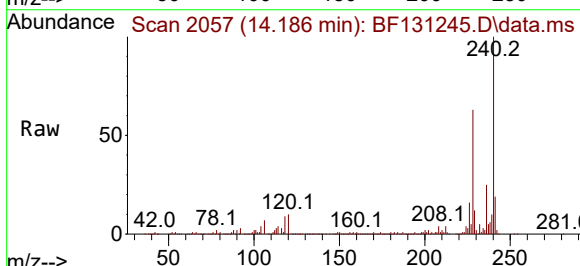
Tgt Ion:240 Resp: 278722

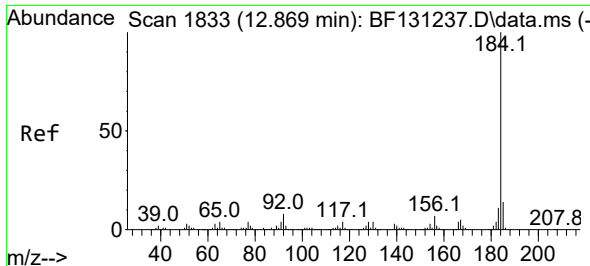
Ion Ratio Lower Upper

240 100

120 9.6 7.8 11.6

236 24.8 20.6 31.0

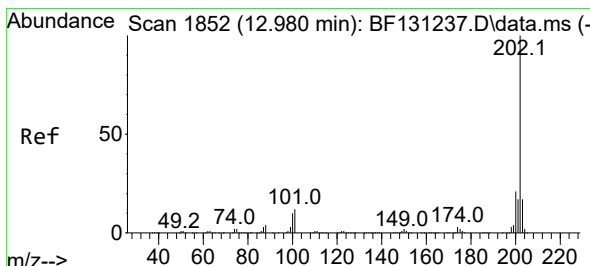
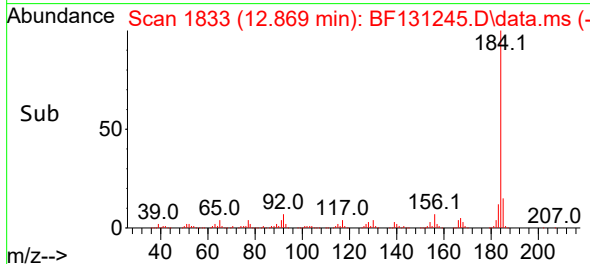
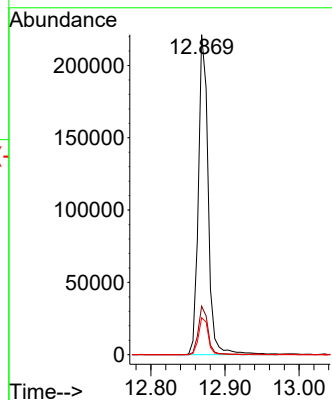
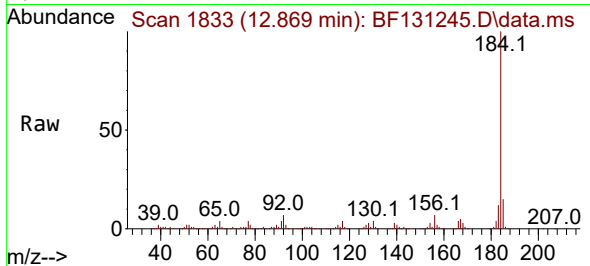




#77
Benzidine
Concen: 33.956 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

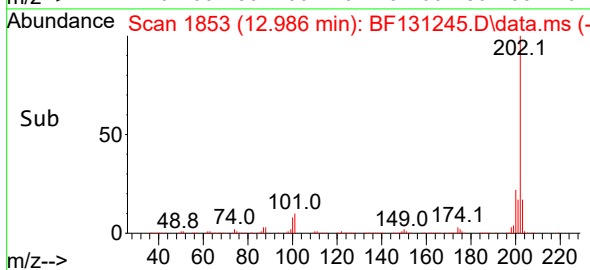
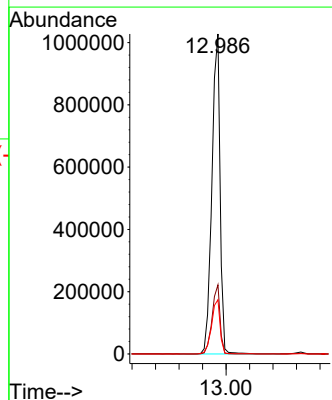
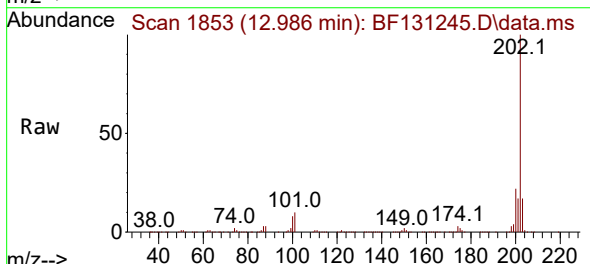
Instrument :
BNA_F
ClientSampleId :
PB148881BS

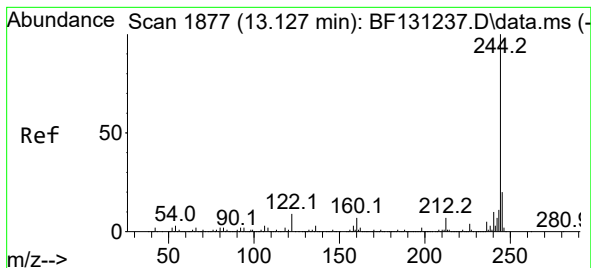
Tgt Ion:184 Resp: 202814
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 11.6 9.0 13.4



#78
Pyrene
Concen: 41.524 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:202 Resp: 997674
Ion Ratio Lower Upper
202 100
200 21.6 16.4 24.6
203 16.9 14.0 21.0





#79

Terphenyl-d14

Concen: 84.872 ng

RT: 13.127 min Scan# 1877

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

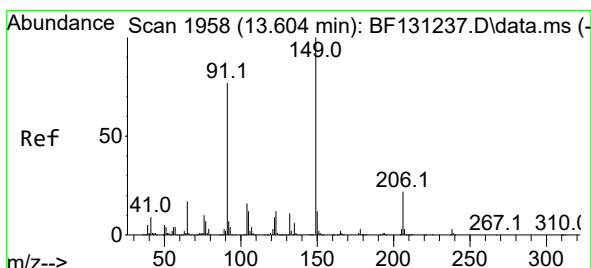
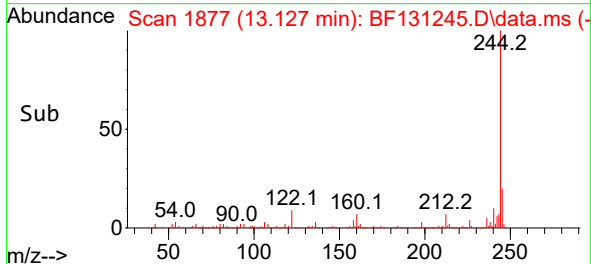
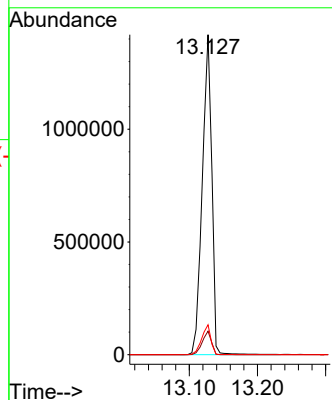
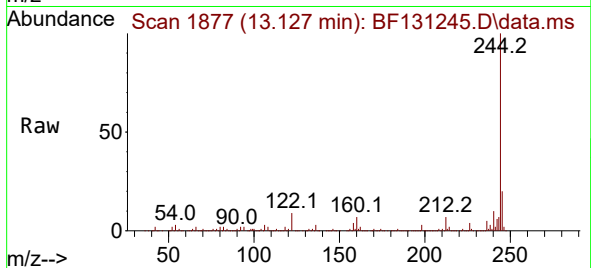
Tgt Ion:244 Resp: 1377511

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 43.510 ng

RT: 13.604 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

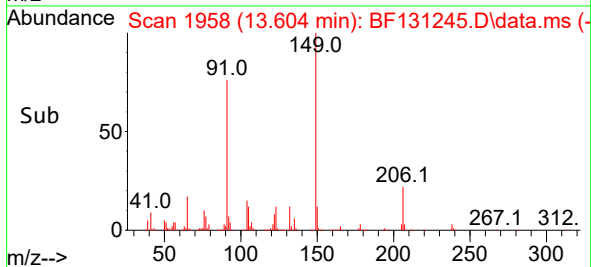
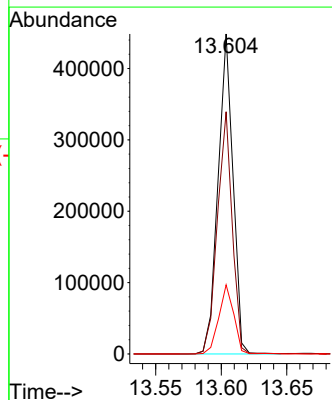
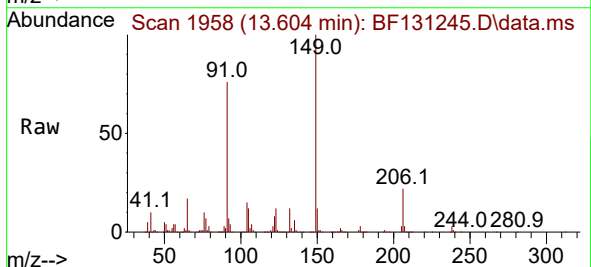
Tgt Ion:149 Resp: 354284

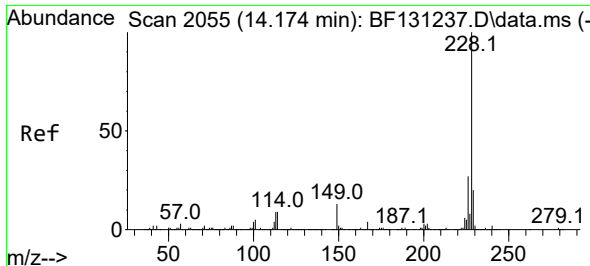
Ion Ratio Lower Upper

149 100

91 75.7 61.5 92.3

206 21.6 17.4 26.2

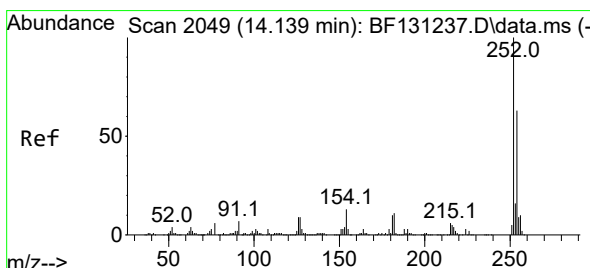
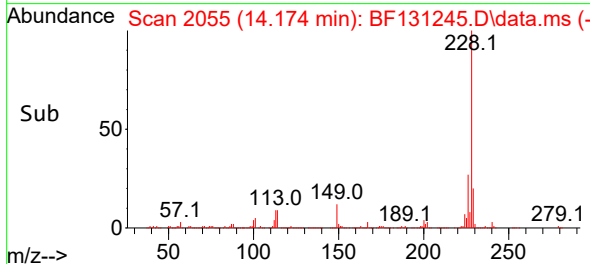
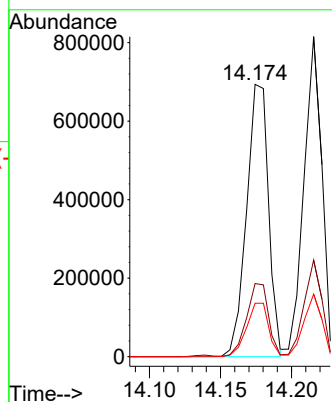
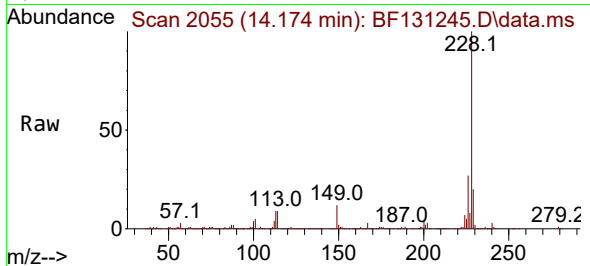




#81
Benzo(a)anthracene
Concen: 38.577 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

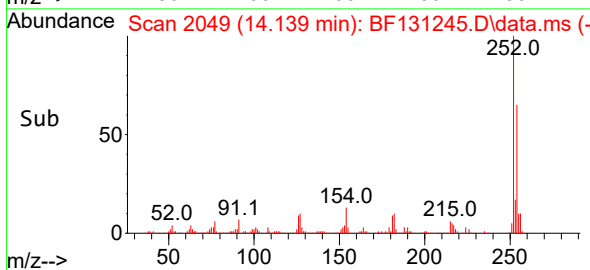
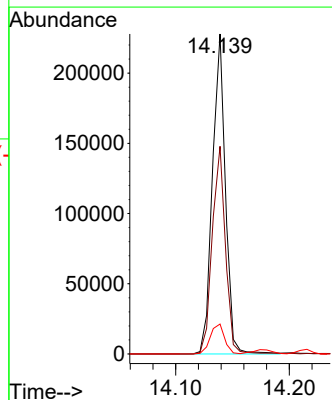
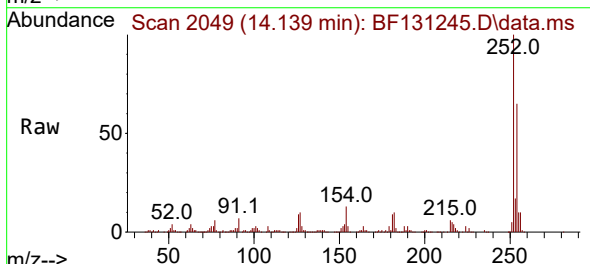
Instrument :
BNA_F
ClientSampleId :
PB148881BS

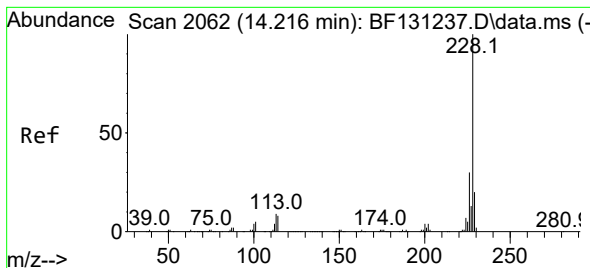
Tgt Ion:228 Resp: 747268
Ion Ratio Lower Upper
228 100
226 26.9 21.3 31.9
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.887 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:252 Resp: 180738
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 9.3 7.4 11.2





#83

Chrysene

Concen: 37.985 ng

RT: 14.216 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

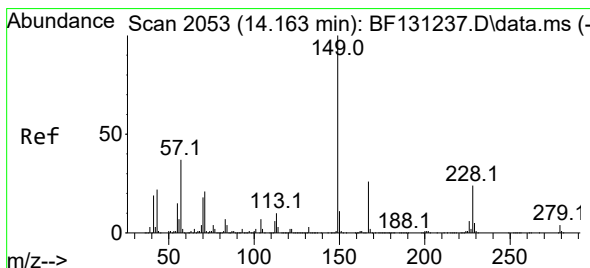
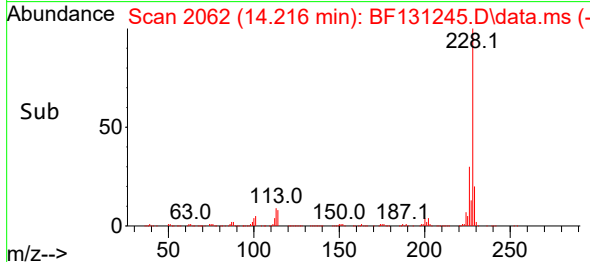
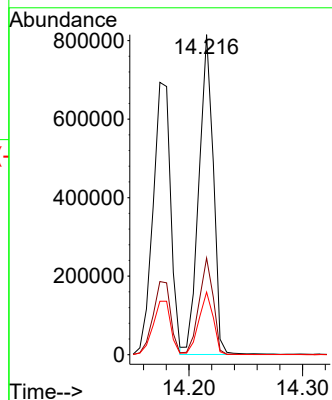
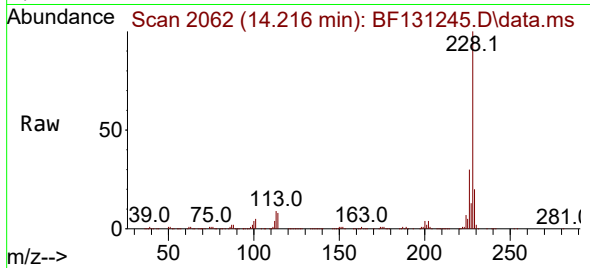
Tgt Ion:228 Resp: 716799

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.420 ng

RT: 14.163 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

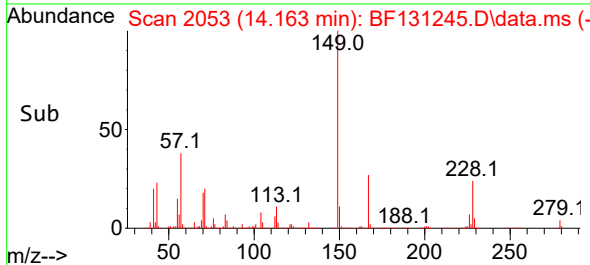
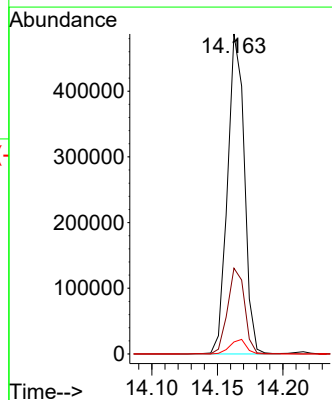
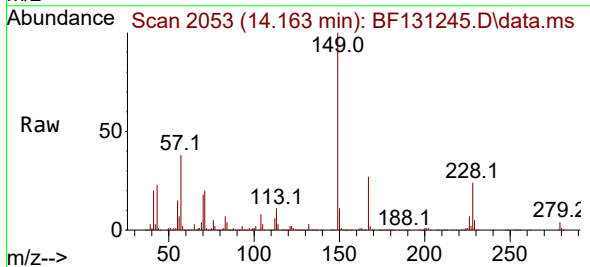
Tgt Ion:149 Resp: 434409

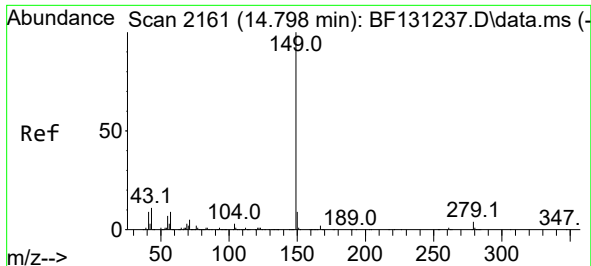
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 3.7 3.1 4.7

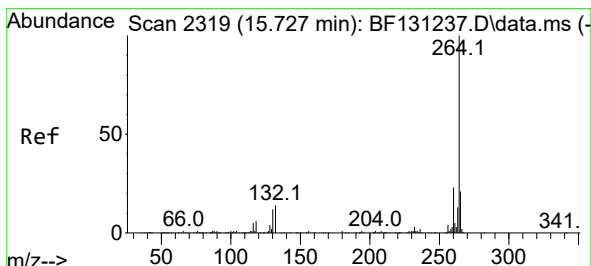
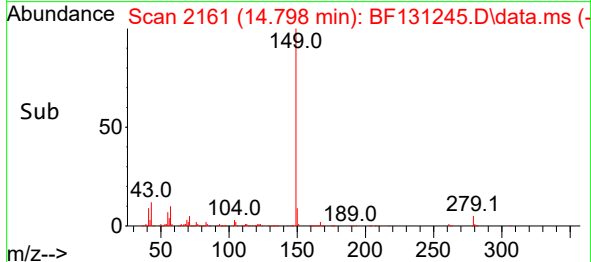
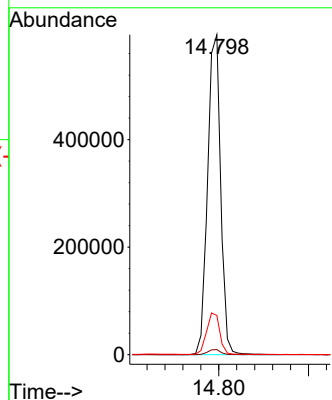
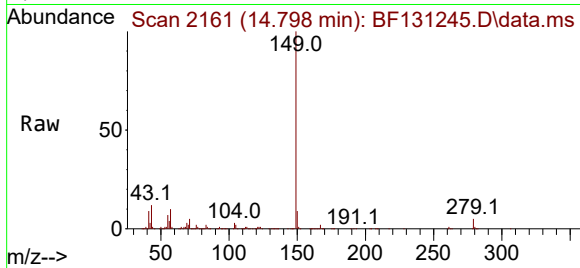




#85
Di-n-octyl phthalate
Concen: 41.512 ng
RT: 14.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

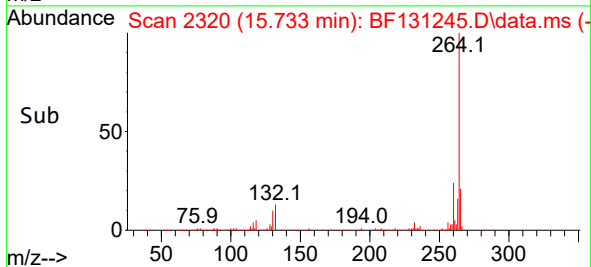
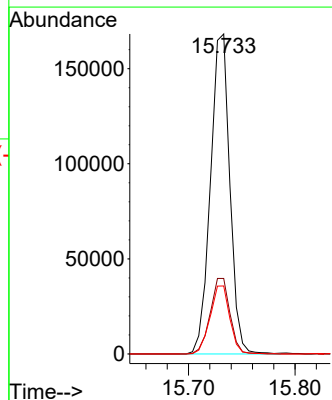
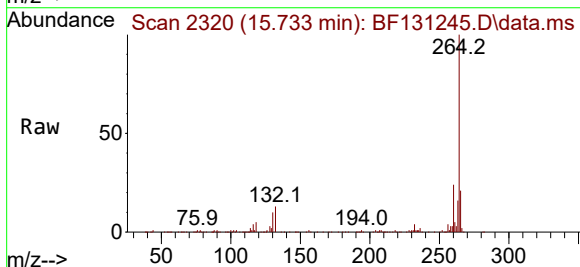
Instrument :
BNA_F
ClientSampleId :
PB148881BS

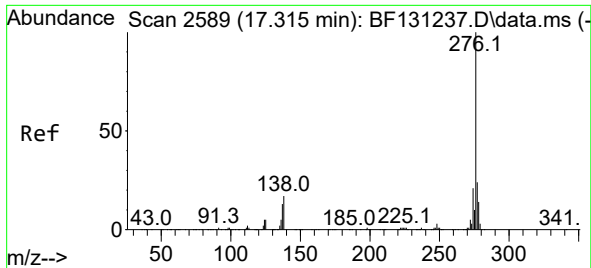
Tgt Ion:149 Resp: 600747
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.0 10.1 15.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:264 Resp: 212984
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.3 16.6 24.8

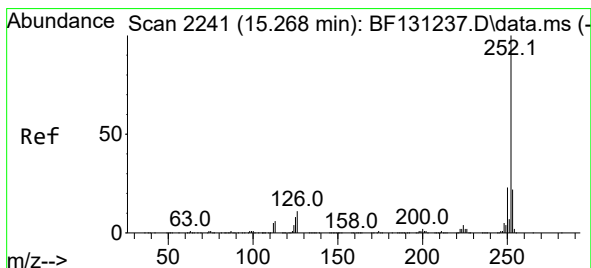
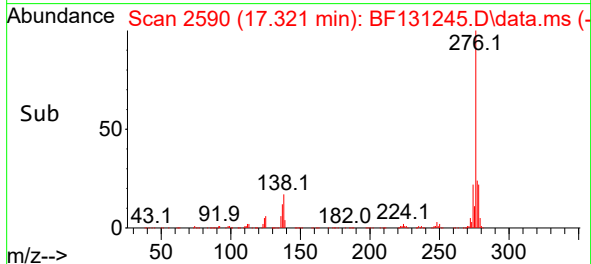
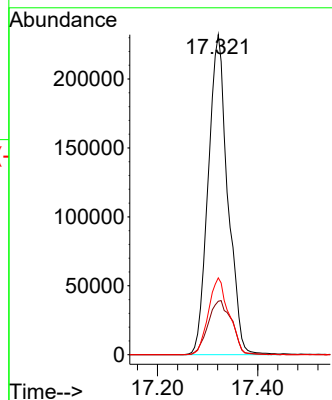
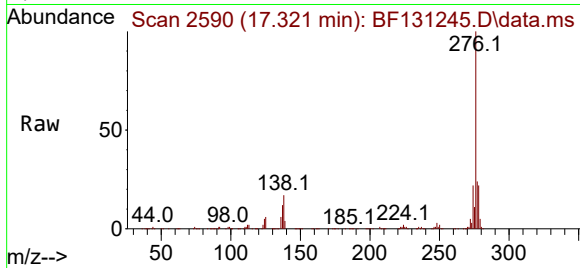




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.697 ng
 RT: 17.321 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

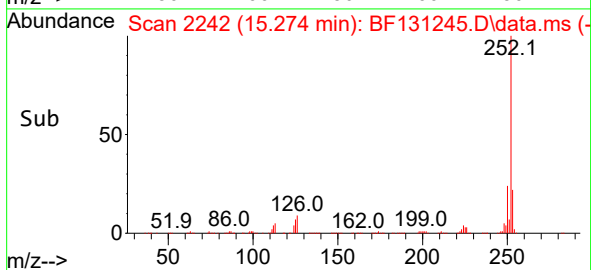
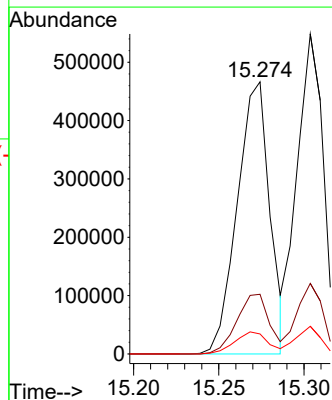
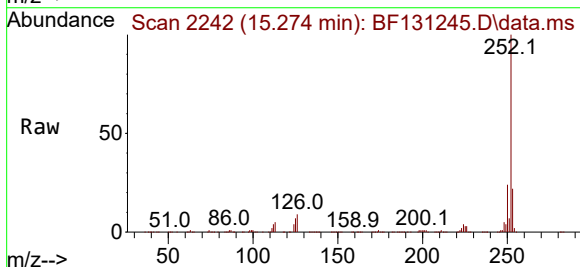
Instrument :
 BNA_F
 ClientSampleId :
 PB148881BS

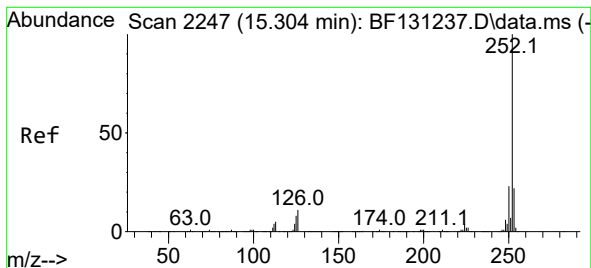
Tgt Ion:276 Resp: 628909
 Ion Ratio Lower Upper
 276 100
 138 20.5 16.6 24.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 41.697 ng
 RT: 15.274 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF131245.D
 Acq: 15 Nov 2022 22:14

Tgt Ion:252 Resp: 620048
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 7.3 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 40.380 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

Instrument :

BNA_F

ClientSampleId :

PB148881BS

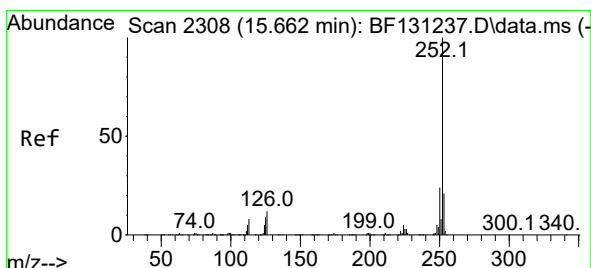
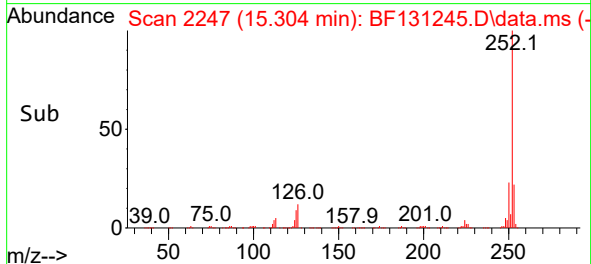
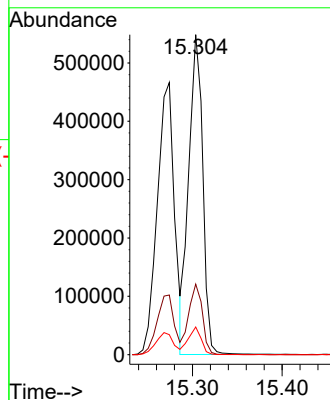
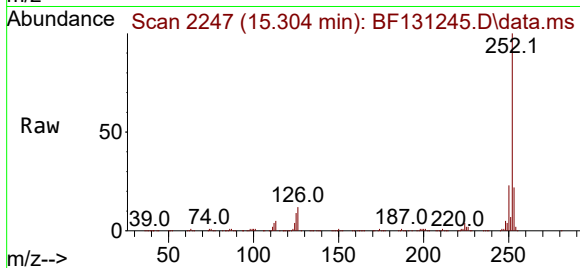
Tgt Ion:252 Resp: 595262

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.6 6.6 9.8



#90

Benzo(a)pyrene

Concen: 44.163 ng

RT: 15.668 min Scan# 2309

Delta R.T. 0.006 min

Lab File: BF131245.D

Acq: 15 Nov 2022 22:14

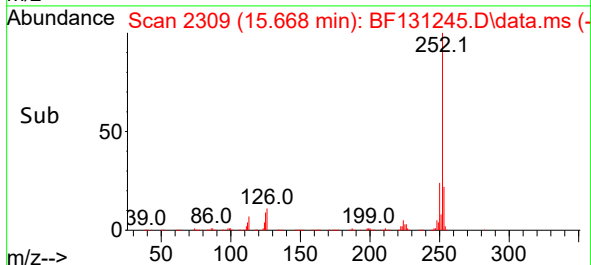
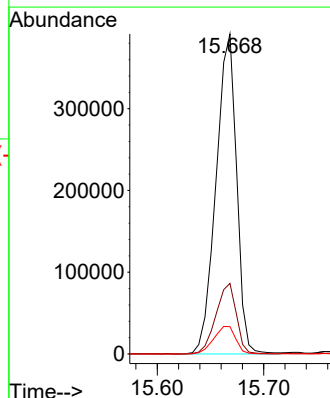
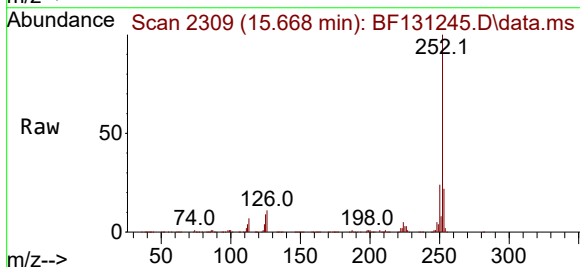
Tgt Ion:252 Resp: 524961

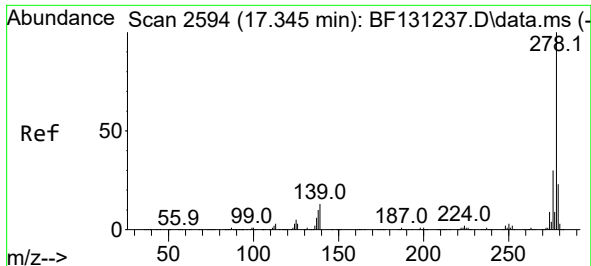
Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

125 8.5 7.0 10.4

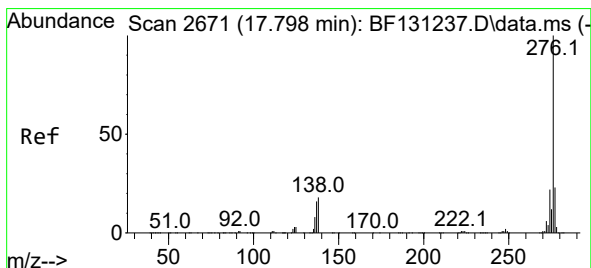
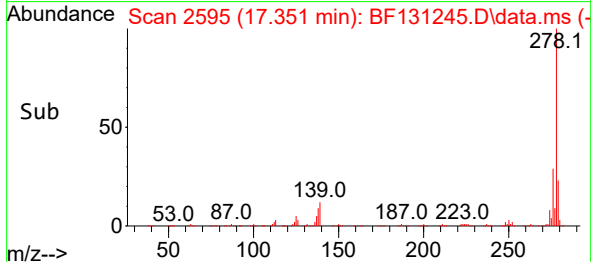
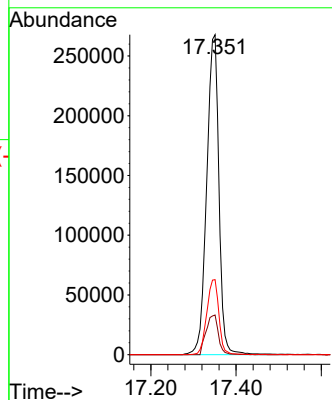
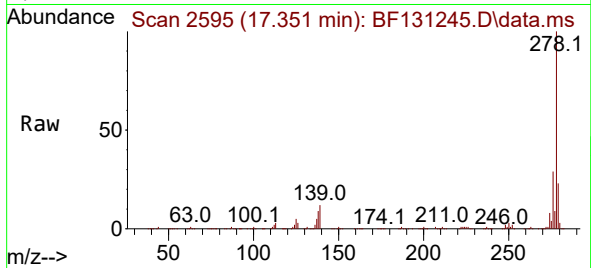




#91
Dibenzo(a,h)anthracene
Concen: 46.145 ng
RT: 17.351 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Instrument :
BNA_F
ClientSampleId :
PB148881BS

Tgt Ion:278 Resp: 532696
Ion Ratio Lower Upper
278 100
139 12.4 10.1 15.1
279 23.4 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 42.268 ng
RT: 17.809 min Scan# 2673
Delta R.T. 0.011 min
Lab File: BF131245.D
Acq: 15 Nov 2022 22:14

Tgt Ion:276 Resp: 539969
Ion Ratio Lower Upper
276 100
277 22.9 18.6 27.8
138 16.0 14.5 21.7

