

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130267.D
 Acq On : 15 Sep 2022 12:40
 Operator : CG\JU
 Sample : PB147629BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147629BS

Quant Time: Sep 16 03:24:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	99198	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	384431	20.000	ng	# 0.00
39) Acenaphthene-d10	9.710	164	204036	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	348538	20.000	ng	0.00
76) Chrysene-d12	13.821	240	214543	20.000	ng	# 0.00
86) Perylene-d12	15.210	264	162954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	895854	156.639	ng	0.02
7) Phenol-d6	6.322	99	1112670	155.486	ng	0.00
23) Nitrobenzene-d5	7.245	82	729572	96.956	ng	0.00
42) 2,4,6-Tribromophenol	10.504	330	364425	186.401	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1362732	97.257	ng	0.00
79) Terphenyl-d14	12.774	244	1462419	112.914	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.410	88	104695	39.859	ng	97
3) Pyridine	3.093	79	276610	40.370	ng	97
4) n-Nitrosodimethylamine	3.052	42	178419	47.877	ng	100
6) Aniline	6.340	93	433405	49.154	ng	98
8) 2-Chlorophenol	6.457	128	347278	53.305	ng	99
9) Benzaldehyde	6.228	77	224657	46.867	ng	95
10) Phenol	6.334	94	429391	51.202	ng	82
11) bis(2-Chloroethyl)ether	6.422	93	309595	51.182	ng	97
12) 1,3-Dichlorobenzene	6.616	146	368497	51.404	ng	99
13) 1,4-Dichlorobenzene	6.692	146	374459	51.224	ng	99
14) 1,2-Dichlorobenzene	6.845	146	352079	51.557	ng	99
15) Benzyl Alcohol	6.828	79	287197	50.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.957	45	434895	49.295	ng	98
17) 2-Methylphenol	6.940	107	275721	52.062	ng	99
18) Hexachloroethane	7.187	117	146786	50.940	ng	98
19) n-Nitroso-di-n-propyla...	7.104	70	245124	50.763	ng	96
20) 3+4-Methylphenols	7.092	107	346553	50.372	ng	# 86
22) Acetophenone	7.092	105	499407	53.135	ng	98
24) Nitrobenzene	7.263	77	378719	49.566	ng	99
25) Isophorone	7.510	82	666723	54.973	ng	98
26) 2-Nitrophenol	7.581	139	180071	57.491	ng	94
27) 2,4-Dimethylphenol	7.622	122	302676	62.761	ng	98
28) bis(2-Chloroethoxy)met...	7.722	93	395782	57.954	ng	99
29) 2,4-Dichlorophenol	7.822	162	284014	53.741	ng	96
30) 1,2,4-Trichlorobenzene	7.904	180	289719	50.705	ng	95
31) Naphthalene	7.981	128	994872	50.232	ng	100
32) Benzoic acid	7.763	122	207986	55.768	ng	98
33) 4-Chloroaniline	8.034	127	320769	42.584	ng	99
34) Hexachlorobutadiene	8.098	225	187864	51.447	ng	98
35) Caprolactam	8.416	113	47101	31.088	ng	88
36) 4-Chloro-3-methylphenol	8.522	107	319705	54.577	ng	97
37) 2-Methylnaphthalene	8.675	142	655667	51.923	ng	99
38) 1-Methylnaphthalene	8.769	142	616808	50.846	ng	99
40) 1,2,4,5-Tetrachloroben...	8.839	216	298021	53.521	ng	98
41) Hexachlorocyclopentadiene	8.828	237	431360	144.694	ng	100
43) 2,4,6-Trichlorophenol	8.951	196	202852	52.199	ng	93

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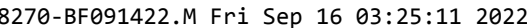
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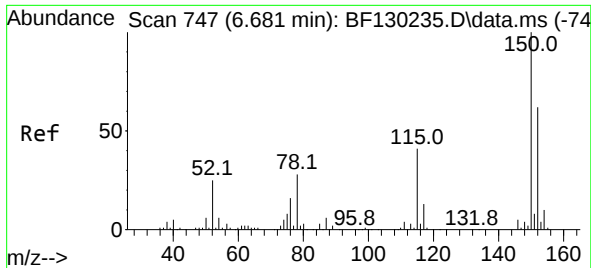
Quant Time: Sep 16 03:24:53 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.992	196	219135	52.255	ng	98
46) 1,1'-Biphenyl	9.139	154	805332	52.849	ng	99
47) 2-Chloronaphthalene	9.163	162	625065	50.708	ng	97
48) 2-Nitroaniline	9.263	65	208089	50.613	ng	95
49) Acenaphthylene	9.575	152	942264	50.982	ng	100
50) Dimethylphthalate	9.445	163	735343	52.174	ng	100
51) 2,6-Dinitrotoluene	9.504	165	162976	55.292	ng	96
52) Acenaphthene	9.745	154	568723	46.834	ng	99
53) 3-Nitroaniline	9.675	138	137767	41.945	ng	91
54) 2,4-Dinitrophenol	9.781	184	183092	111.810	ng	# 88
55) Dibenzofuran	9.916	168	861470	51.003	ng	98
56) 4-Nitrophenol	9.839	139	258711	108.146	ng	95
57) 2,4-Dinitrotoluene	9.904	165	217491	57.735	ng	98
58) Fluorene	10.257	166	711498	51.508	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.033	232	169928	51.770	ng	99
60) Diethylphthalate	10.145	149	741952	52.496	ng	99
61) 4-Chlorophenyl-phenyle...	10.257	204	329761	54.419	ng	92
62) 4-Nitroaniline	10.292	138	169077	51.244	ng	97
63) Azobenzene	10.416	77	709082	48.723	ng	95
65) 4,6-Dinitro-2-methylph...	10.310	198	108514	55.929	ng	95
66) n-Nitrosodiphenylamine	10.375	169	592139	50.840	ng	99
67) 4-Bromophenyl-phenylether	10.739	248	207942	54.082	ng	96
68) Hexachlorobenzene	10.798	284	235660	54.069	ng	# 91
69) Atrazine	10.904	200	203566	59.807	ng	99
70) Pentachlorophenol	10.998	266	268353	114.722	ng	99
71) Phenanthrene	11.216	178	979700	50.065	ng	99
72) Anthracene	11.269	178	992634	52.565	ng	99
73) Carbazole	11.422	167	905346	53.123	ng	99
74) Di-n-butylphthalate	11.763	149	1102930	53.667	ng	99
75) Fluoranthene	12.398	202	982213	51.945	ng	98
77) Benzidine	12.527	184	568651	91.306	ng	99
78) Pyrene	12.627	202	978221	52.121	ng	99
80) Butylbenzylphthalate	13.251	149	389025	55.951	ng	98
81) Benzo(a)anthracene	13.810	228	738273	51.727	ng	98
82) 3,3'-Dichlorobenzidine	13.780	252	193584	49.827	ng	# 98
83) Chrysene	13.845	228	666270	49.165	ng	99
84) Bis(2-ethylhexyl)phtha...	13.810	149	450307	56.542	ng	100
85) Di-n-octyl phthalate	14.421	149	656734	53.914	ng	98
87) Indeno(1,2,3-cd)pyrene	16.539	276	648255	56.098	ng	98
88) Benzo(b)fluoranthene	14.821	252	600541	56.463	ng	98
89) Benzo(k)fluoranthene	14.845	252	554056	52.956	ng	100
90) Benzo(a)pyrene	15.151	252	500712	59.423	ng	98
91) Dibenzo(a,h)anthracene	16.562	278	570203	60.149	ng	98
92) Benzo(g,h,i)perylene	16.951	276	557404	58.370	ng	99

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

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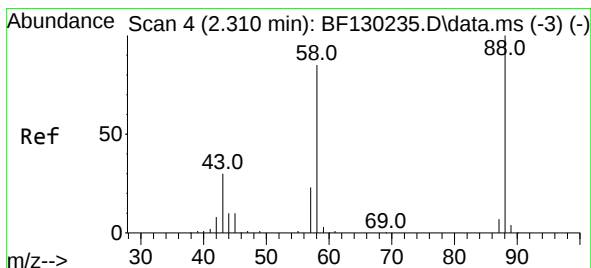
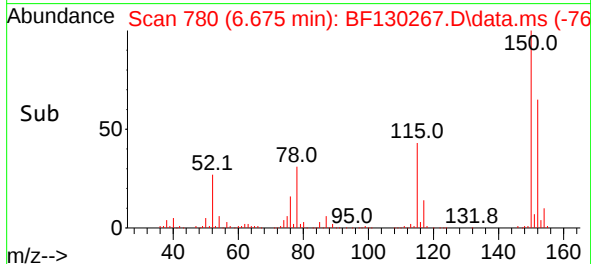
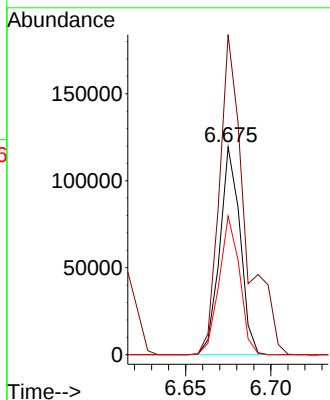
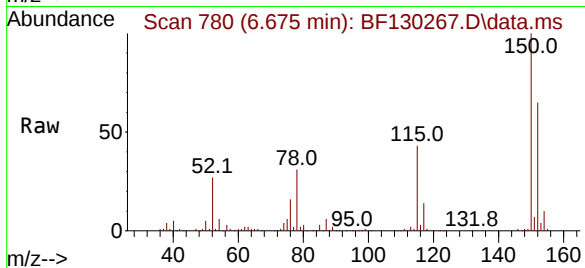




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

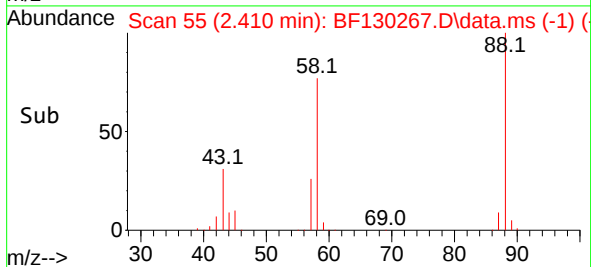
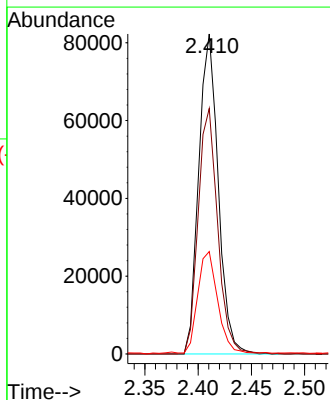
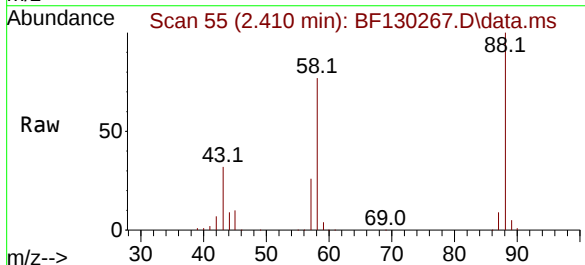
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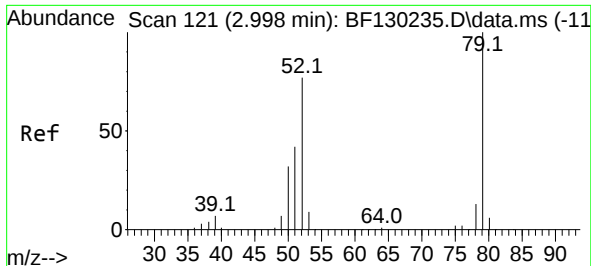
Tgt Ion:152 Resp: 99198
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.8 184.2
 115 66.8 53.8 80.8



#2
 1,4-Dioxane
 Concen: 39.859 ng
 RT: 2.410 min Scan# 55
 Delta R.T. 0.100 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

Tgt Ion: 88 Resp: 104695
 Ion Ratio Lower Upper
 88 100
 58 76.9 61.3 91.9
 43 33.7 23.0 34.6





#3

Pyridine

Concen: 40.370 ng

RT: 3.093 min Scan# 1

Delta R.T. 0.094 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

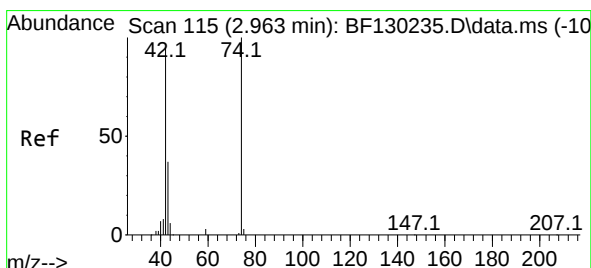
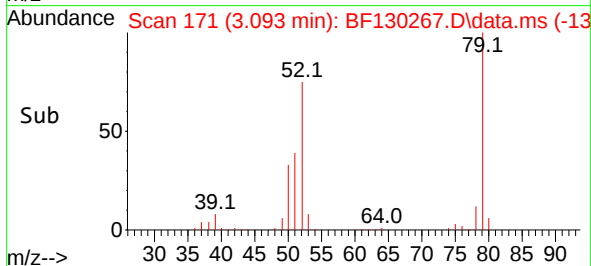
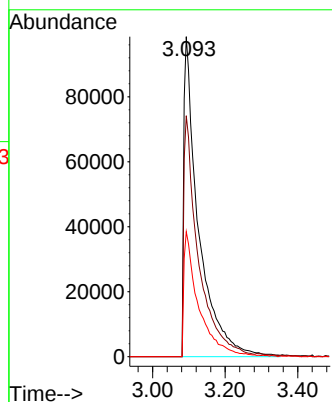
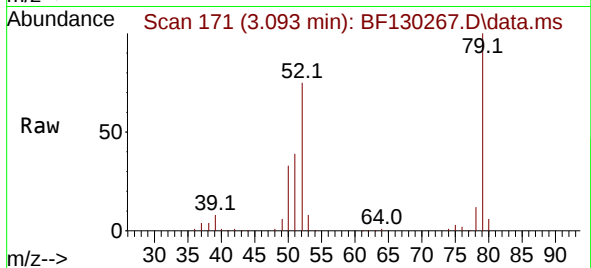
Tgt Ion: 79 Resp: 276610

Ion Ratio Lower Upper

79 100

52 75.3 62.4 93.6

51 39.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 47.877 ng

RT: 3.052 min Scan# 164

Delta R.T. 0.088 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

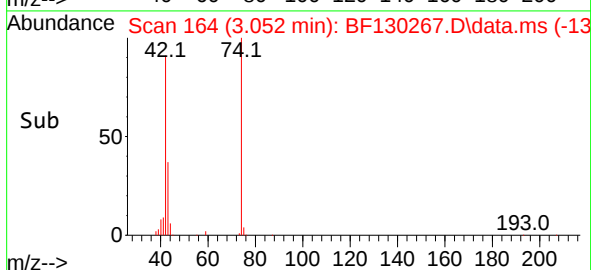
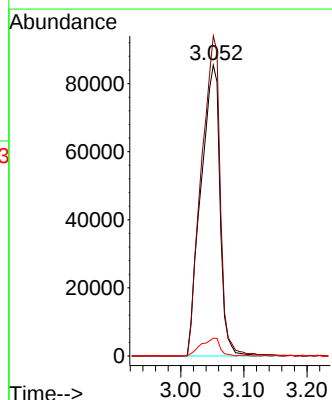
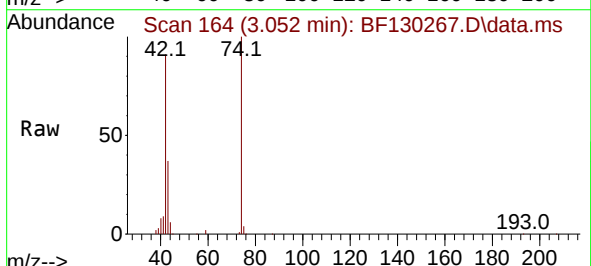
Tgt Ion: 42 Resp: 178419

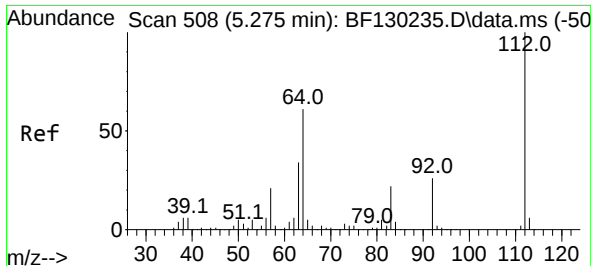
Ion Ratio Lower Upper

42 100

74 110.0 88.4 132.6

44 6.1 5.0 7.4

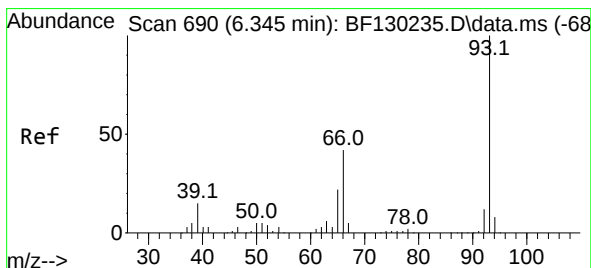
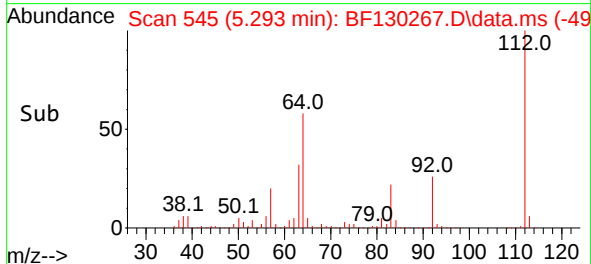
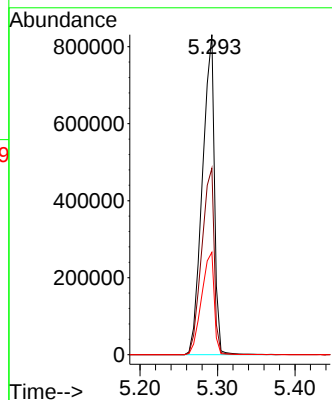
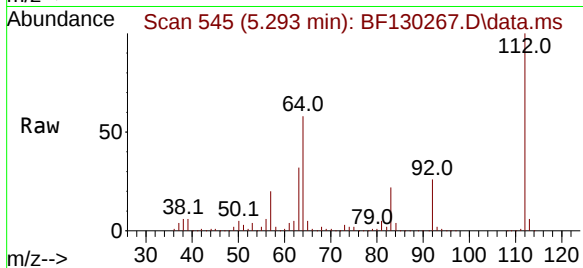




#5
2-Fluorophenol
Concen: 156.639 ng
RT: 5.293 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

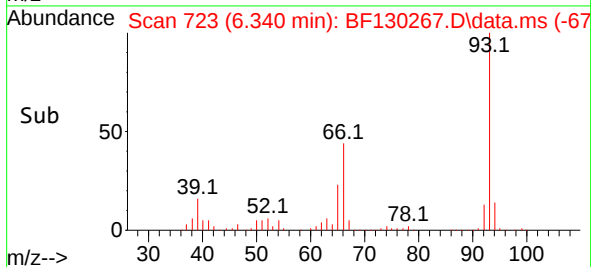
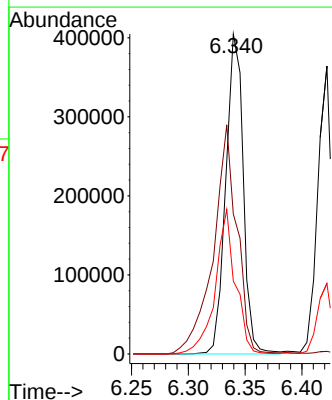
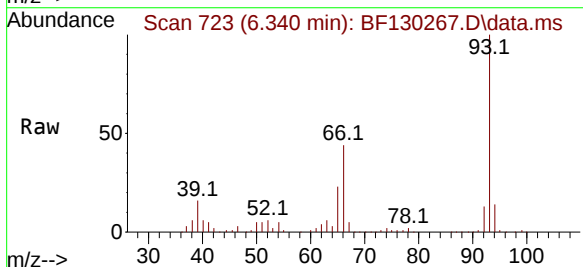
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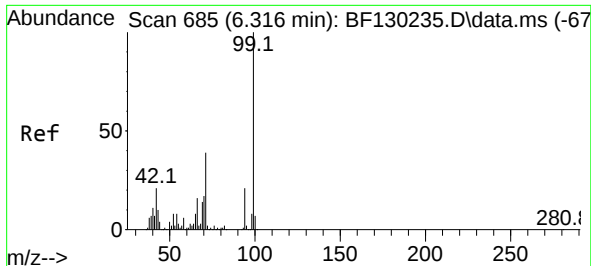
Tgt Ion:112 Resp: 895854
Ion Ratio Lower Upper
112 100
64 58.3 51.4 77.0
63 32.0 28.8 43.2



#6
Aniline
Concen: 49.154 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion: 93 Resp: 433405
Ion Ratio Lower Upper
93 100
66 43.7 34.2 51.4
65 22.7 16.6 24.8

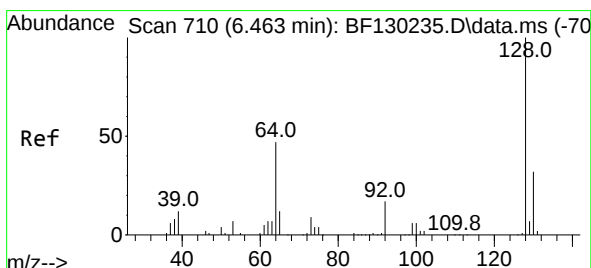
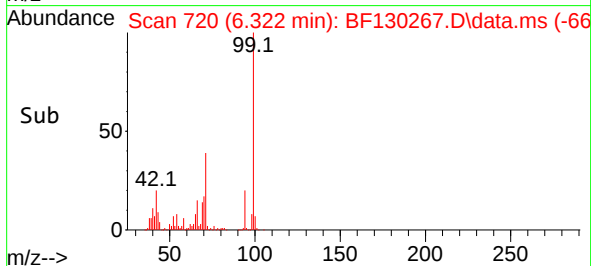
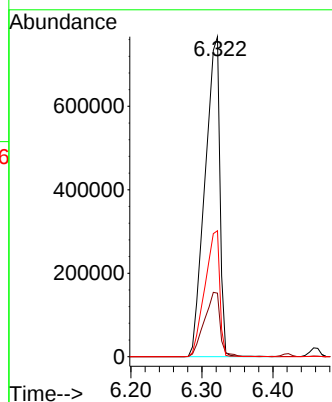
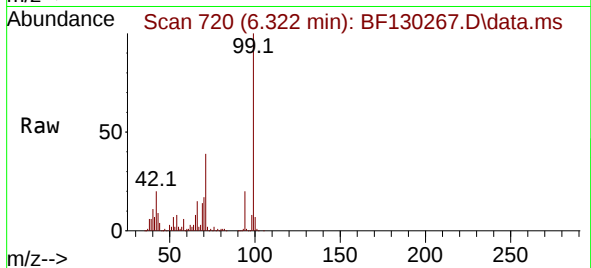




#7
Phenol-d6
Concen: 155.486 ng
RT: 6.322 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

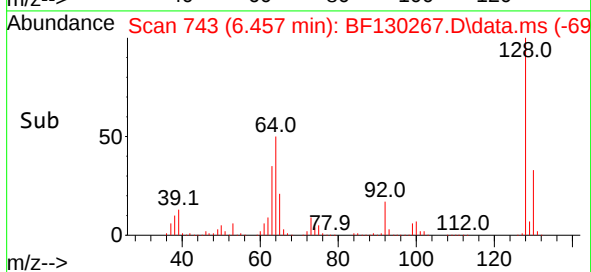
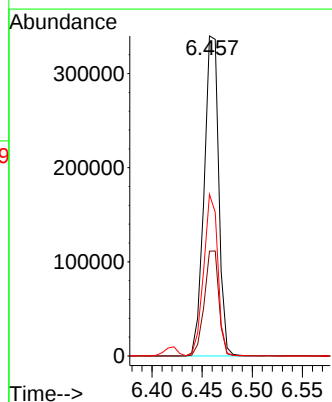
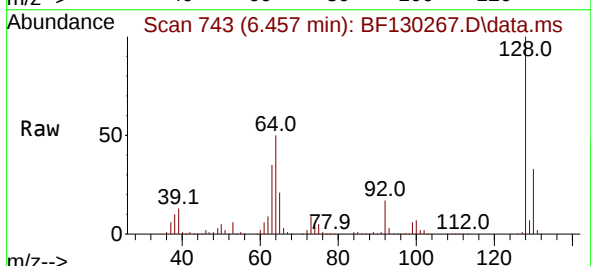
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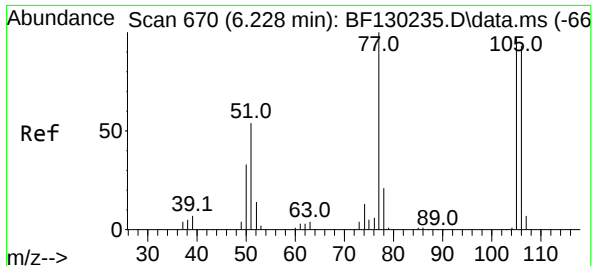
Tgt Ion: 99 Resp: 1112670
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 39.3 32.3 48.5



#8
2-Chlorophenol
Concen: 53.305 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion: 128 Resp: 347278
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 50.5 31.6 71.6

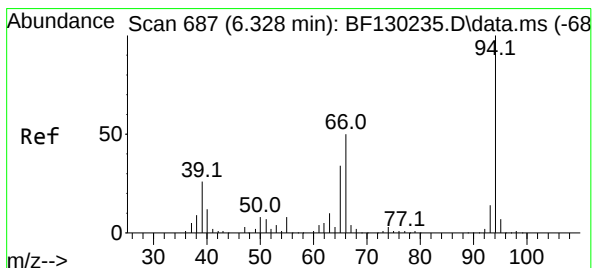
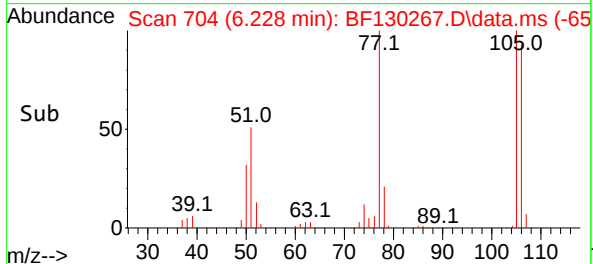
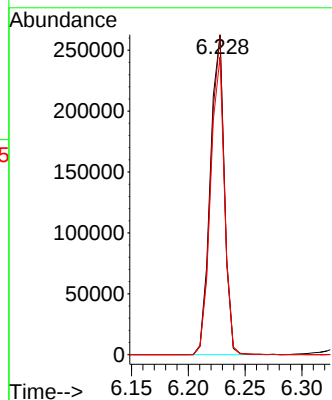
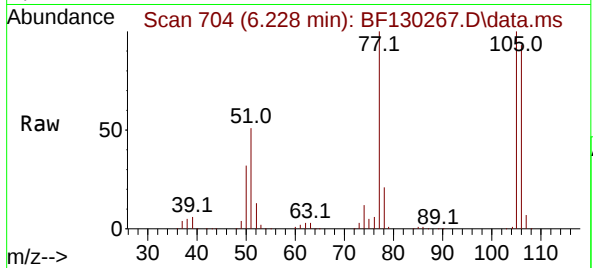




#9
Benzaldehyde
Concen: 46.867 ng
RT: 6.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

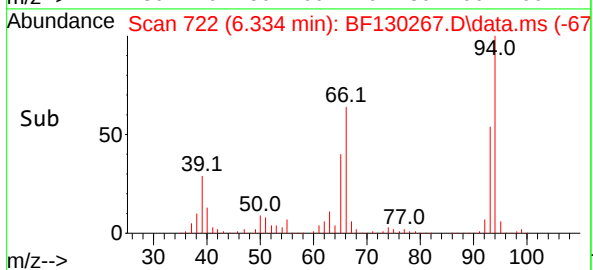
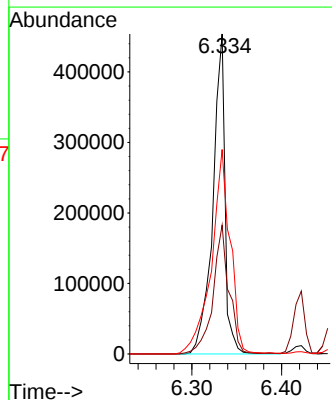
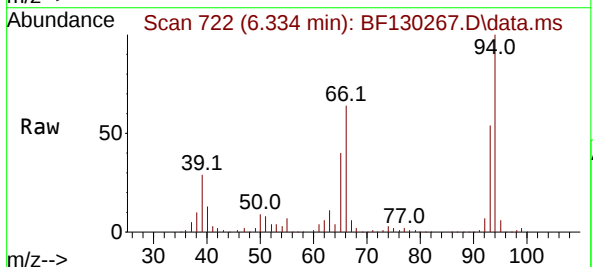
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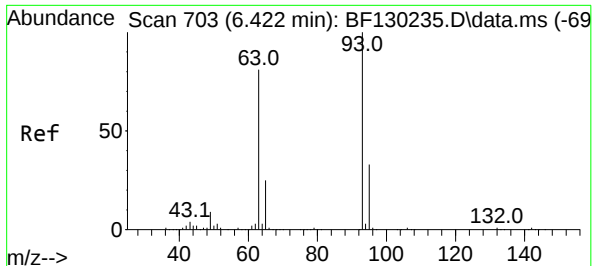
Tgt Ion: 77 Resp: 224657
Ion Ratio Lower Upper
77 100
105 100.3 75.1 115.1
106 93.4 69.7 109.7



#10
Phenol
Concen: 51.202 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion: 94 Resp: 429391
Ion Ratio Lower Upper
94 100
65 40.3 14.1 54.1
66 63.9 28.1 68.1

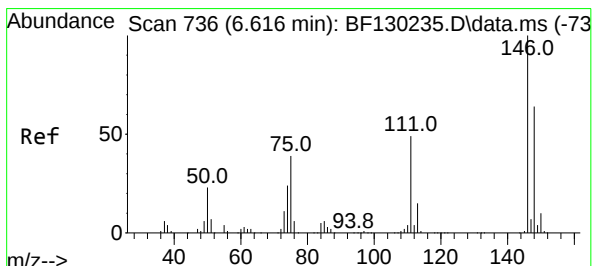
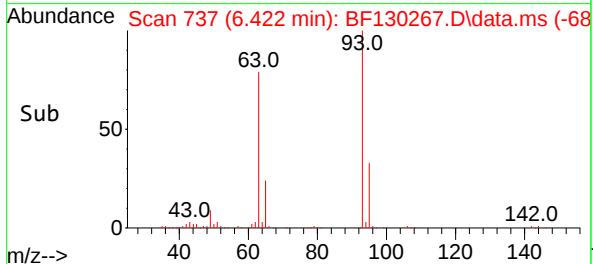
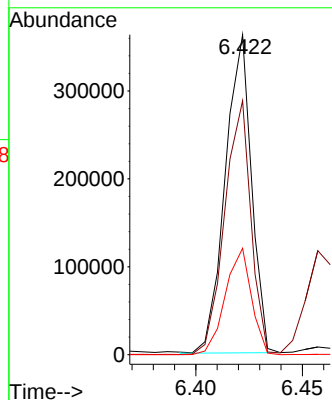
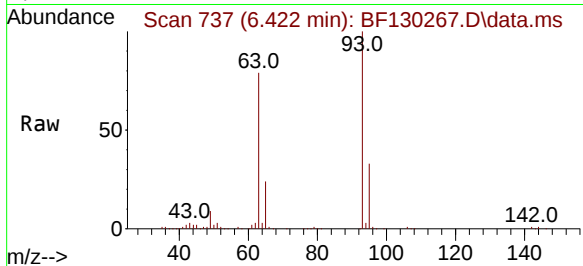




#11
bis(2-Chloroethyl)ether
Concen: 51.182 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

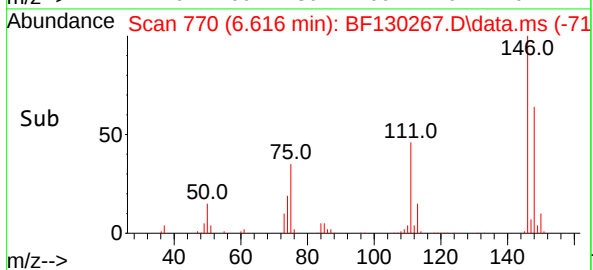
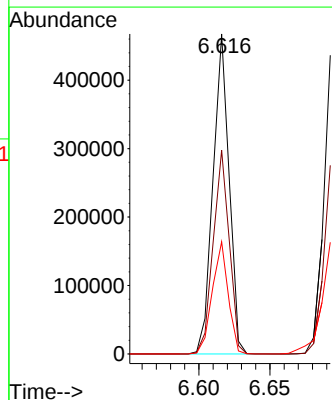
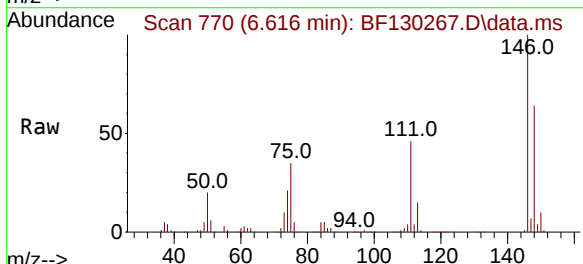
Instrument :
BNA_F
ClientSampleId :
PB147629BS

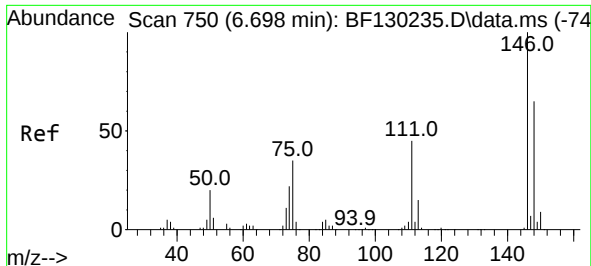
Tgt Ion: 93 Resp: 309595
Ion Ratio Lower Upper
93 100
63 79.4 62.5 102.5
95 33.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 51.404 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:146 Resp: 368497
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 35.1 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 51.224 ng

RT: 6.692 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

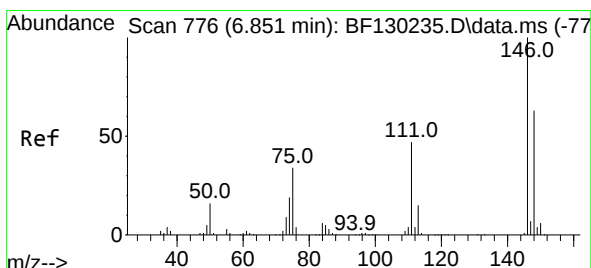
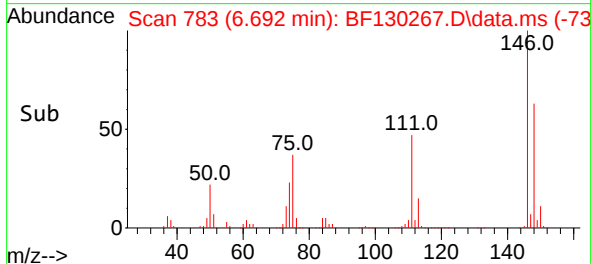
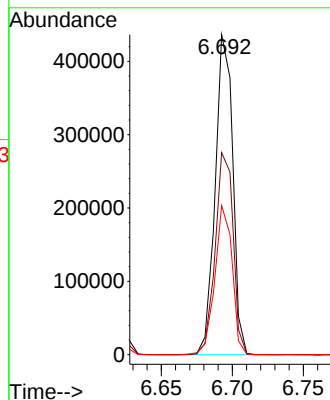
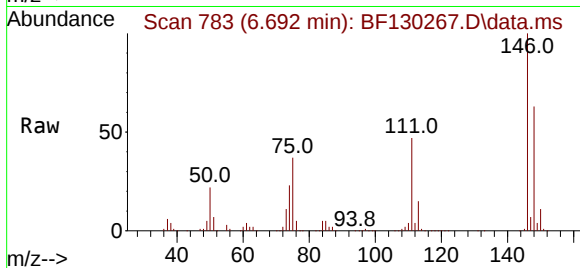
Tgt Ion:146 Resp: 374459

Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

111 46.6 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 51.557 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

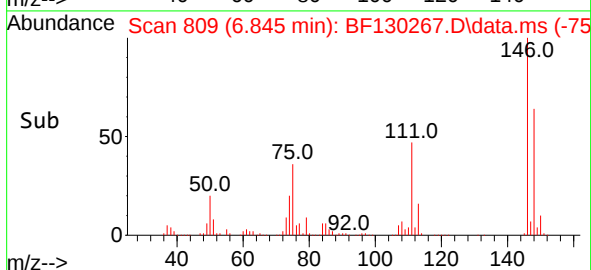
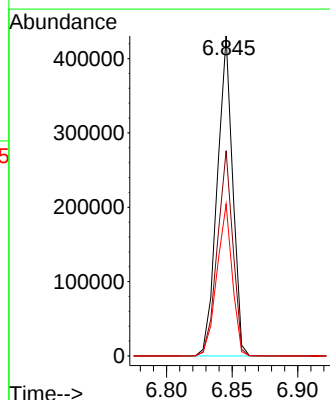
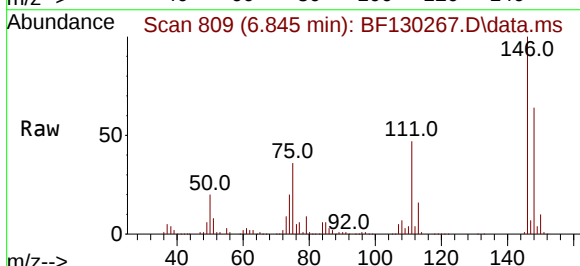
Tgt Ion:146 Resp: 352079

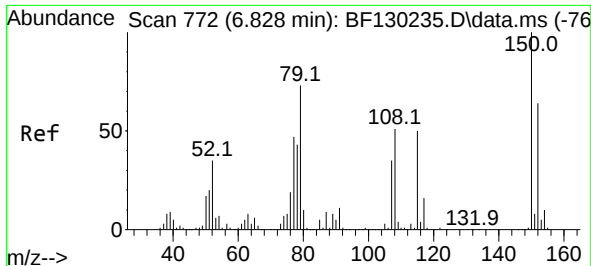
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

111 47.5 39.2 58.8

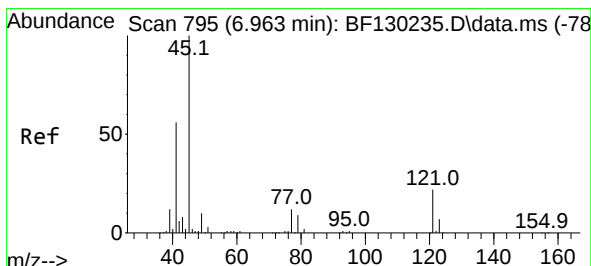
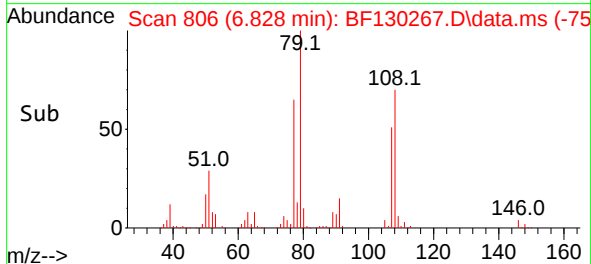
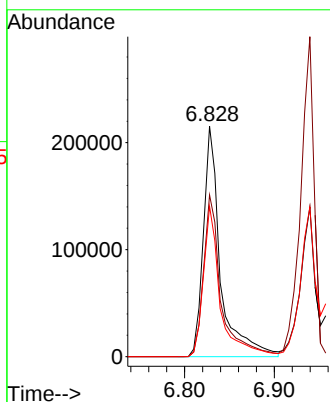
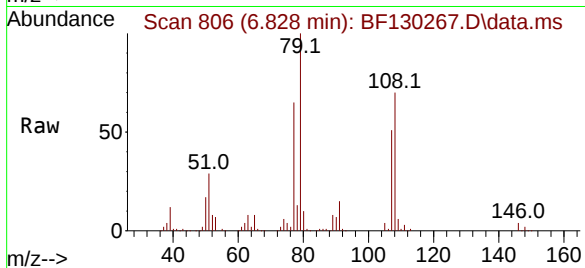




#15
Benzyl Alcohol
Concen: 50.618 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

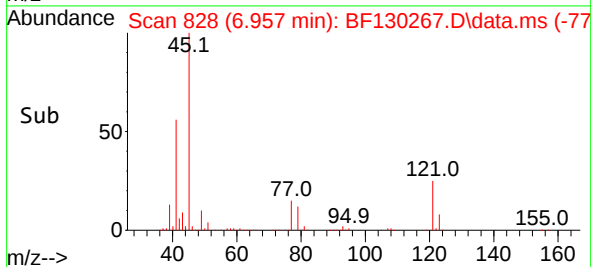
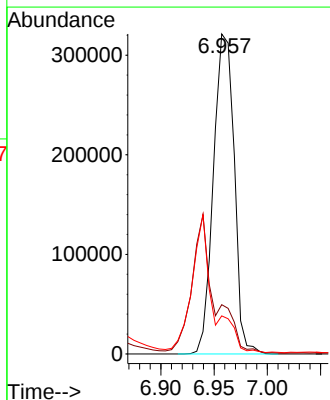
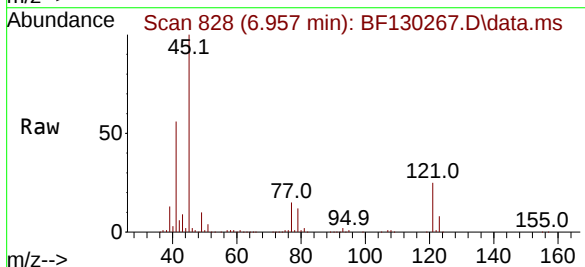
Instrument :
BNA_F
ClientSampleId :
PB147629BS

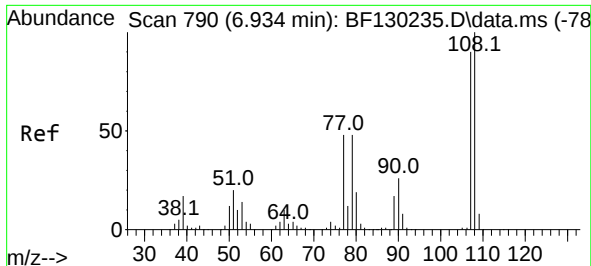
Tgt Ion: 79 Resp: 287197
Ion Ratio Lower Upper
79 100
108 70.2 54.0 81.0
77 65.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.295 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion: 45 Resp: 434895
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.9
79 11.9 0.0 31.0

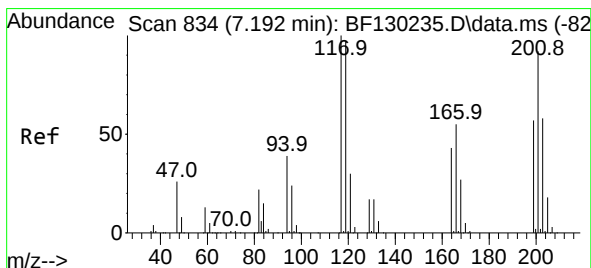
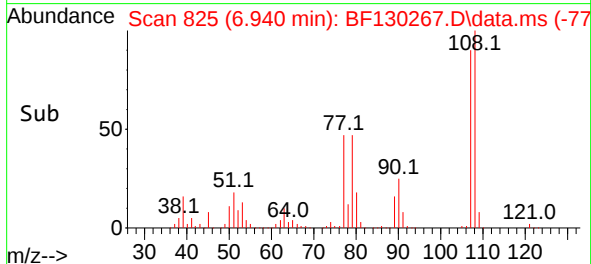
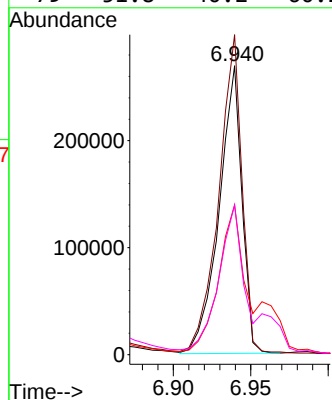
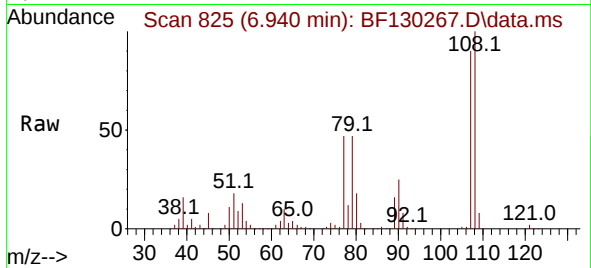




#17
2-Methylphenol
Concen: 52.062 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

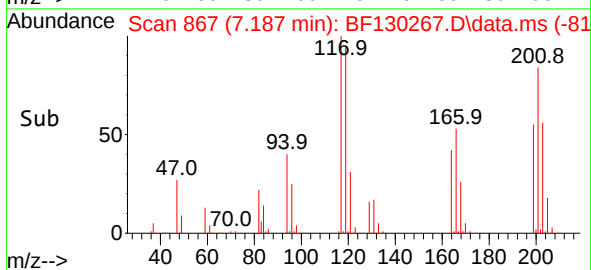
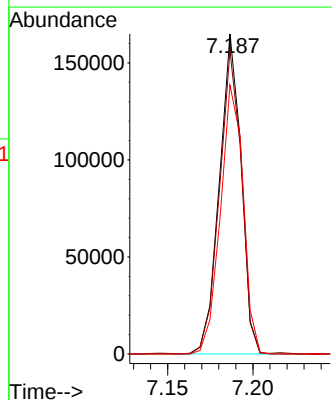
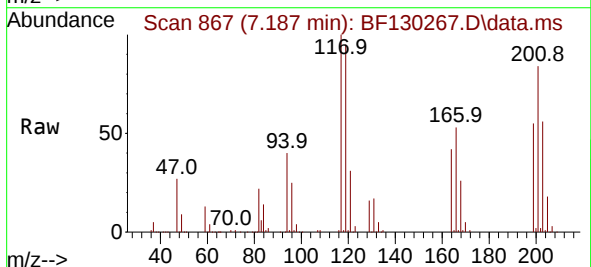
Instrument :
BNA_F
ClientSampleId :
PB147629BS

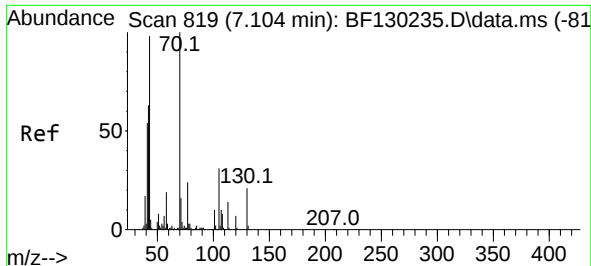
Tgt Ion:107 Resp: 275721
Ion Ratio Lower Upper
107 100
108 110.7 89.4 134.0
77 51.8 40.6 60.8
79 51.8 40.2 60.2



#18
Hexachloroethane
Concen: 50.940 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:117 Resp: 146786
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.6
201 84.1 68.7 103.1

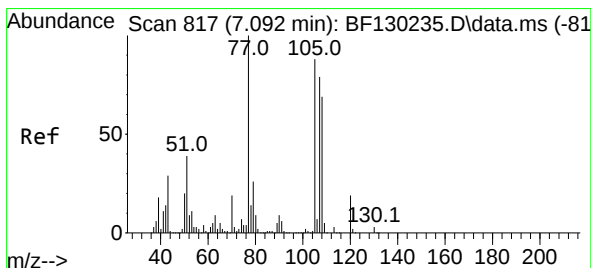
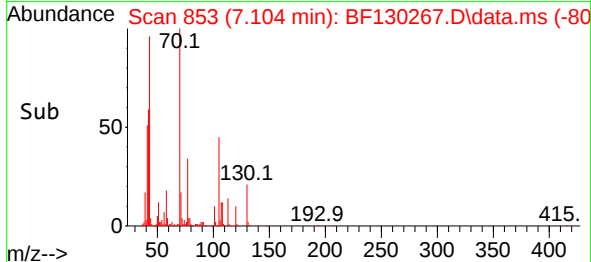
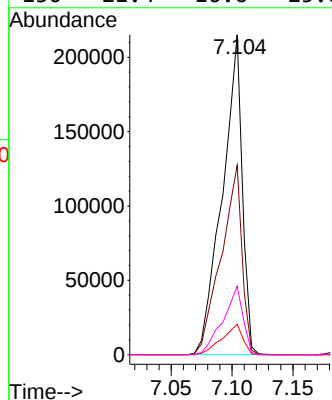
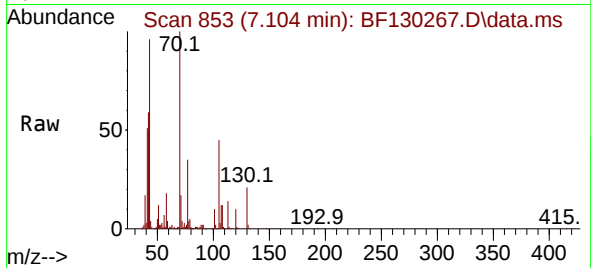




#19
n-Nitroso-di-n-propylamine
Concen: 50.763 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

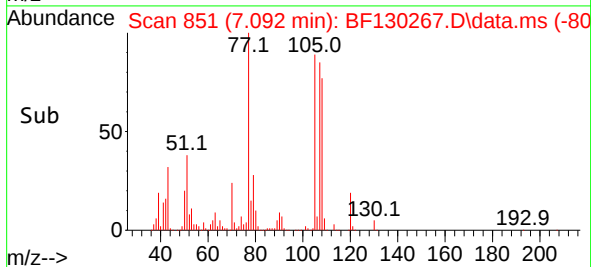
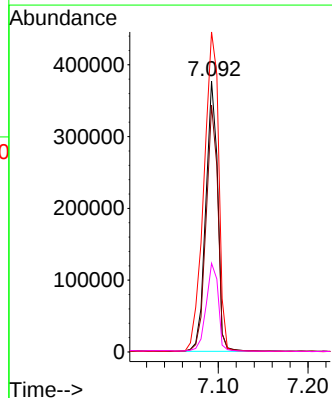
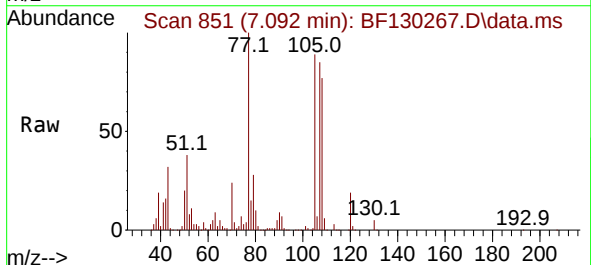
Instrument :
BNA_F
ClientSampleId :
PB147629BS

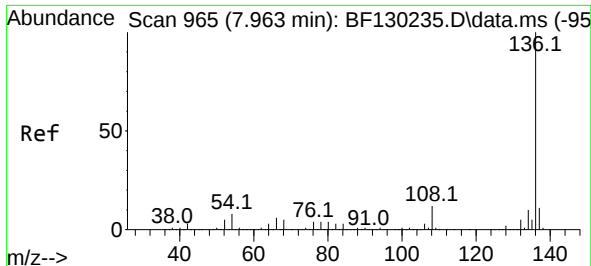
Tgt Ion: 70 Resp: 245124
Ion Ratio Lower Upper
70 100
42 59.2 50.8 76.2
101 9.5 8.2 12.4
130 21.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 50.372 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion: 107 Resp: 346553
Ion Ratio Lower Upper
107 100
108 91.0 74.8 114.8
77 118.1 125.8 165.8#
79 32.7 17.1 57.1

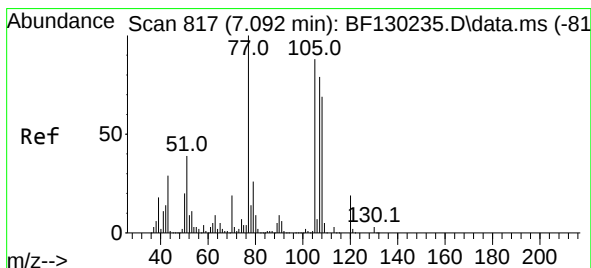
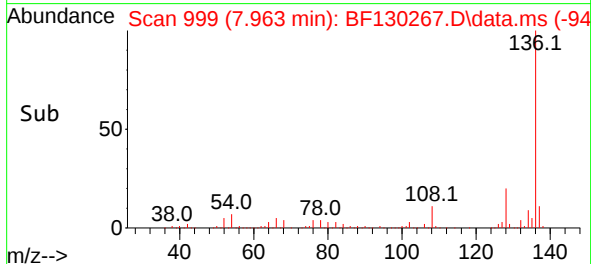
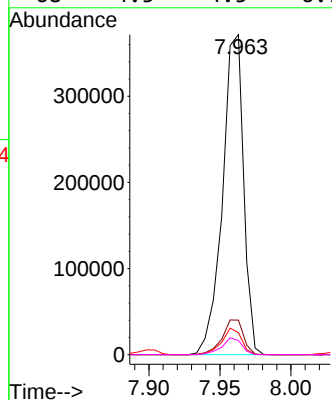
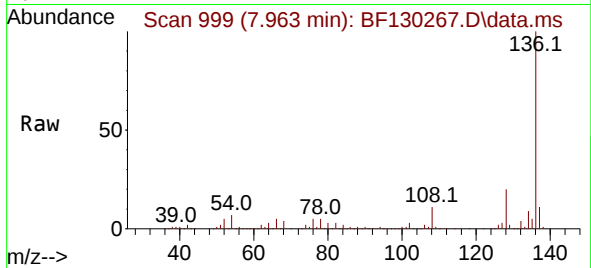




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

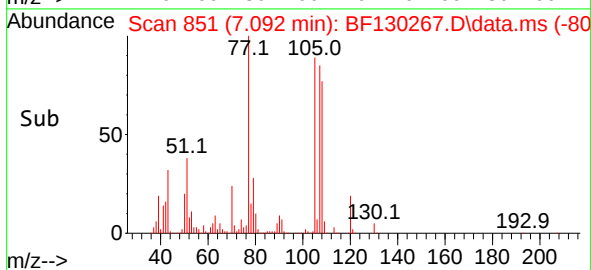
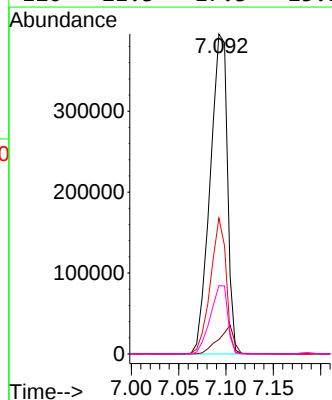
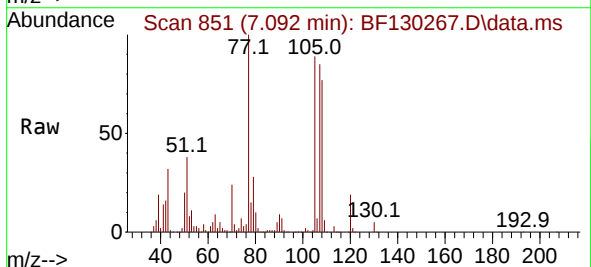
Instrument :
BNA_F
ClientSampleId :
PB147629BS

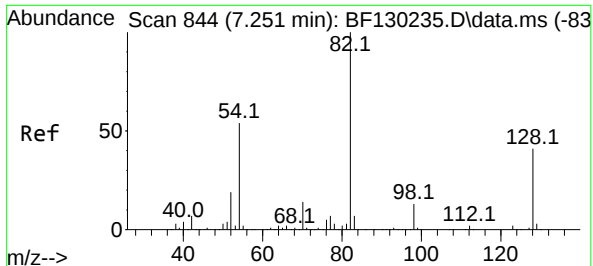
Tgt Ion:136 Resp: 384431
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.9 7.1 10.7#
68 4.5 4.5 6.7#



#22
Acetophenone
Concen: 53.135 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:105 Resp: 499407
Ion Ratio Lower Upper
105 100
71 4.5 3.9 5.9
51 42.5 32.2 48.2
120 21.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 96.956 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

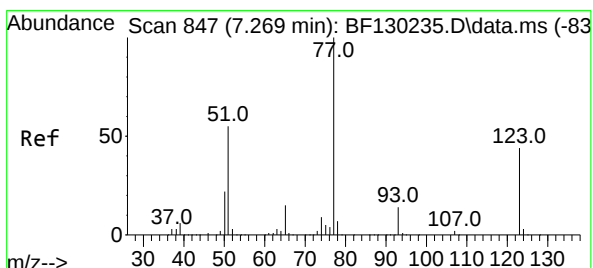
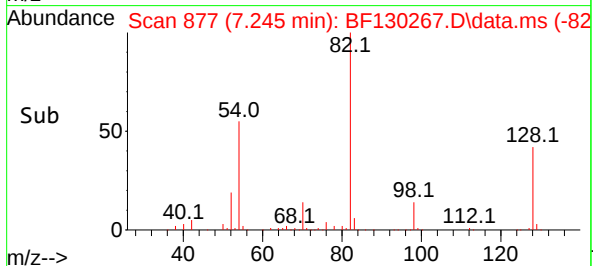
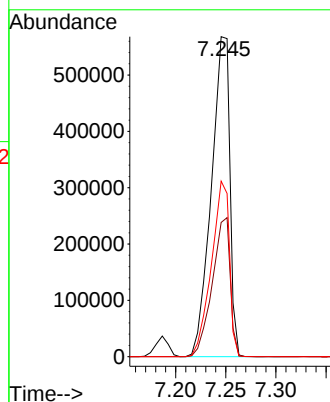
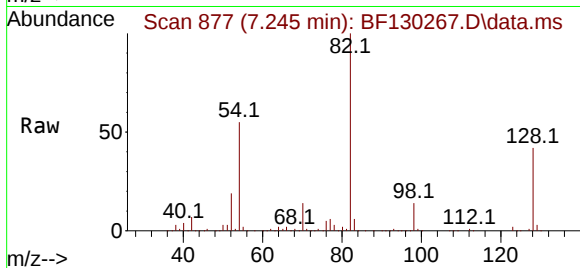
Tgt Ion: 82 Resp: 729572

Ion Ratio Lower Upper

82 100

128 42.0 32.6 49.0

54 54.8 43.8 65.6



#24

Nitrobenzene

Concen: 49.566 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

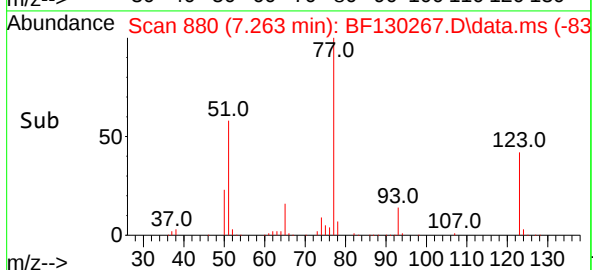
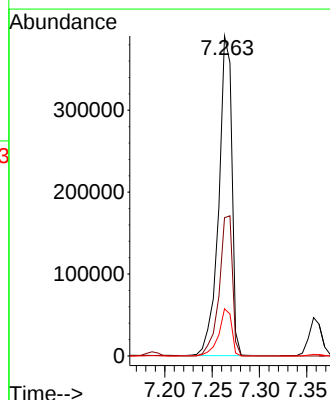
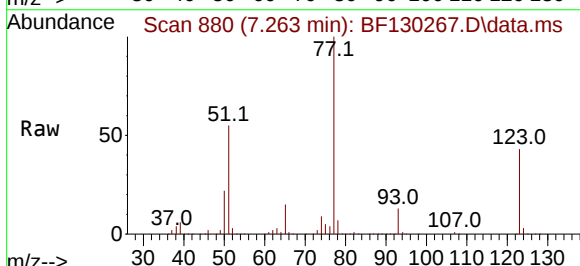
Tgt Ion: 77 Resp: 378719

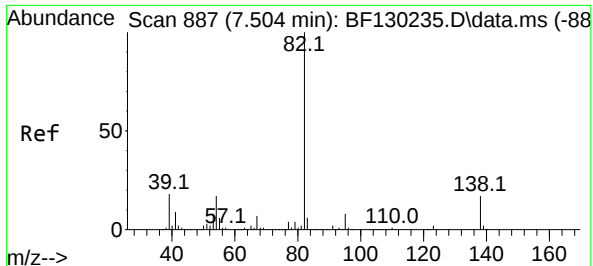
Ion Ratio Lower Upper

77 100

123 43.2 34.3 51.5

65 14.7 12.0 18.0

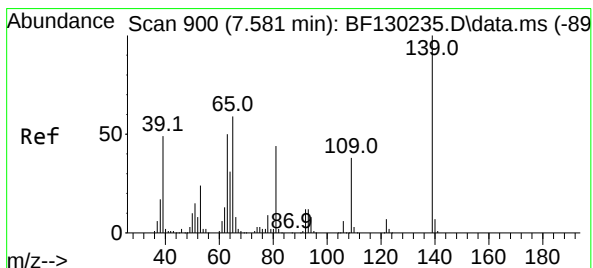
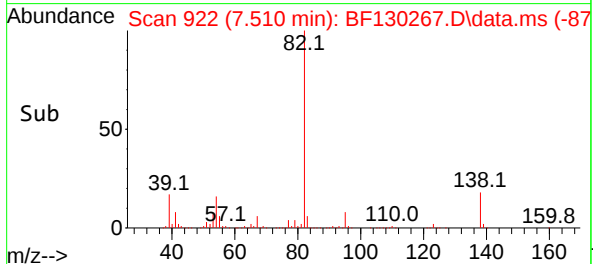
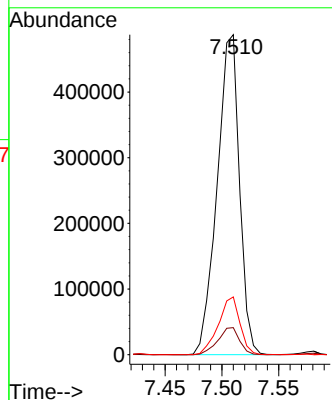
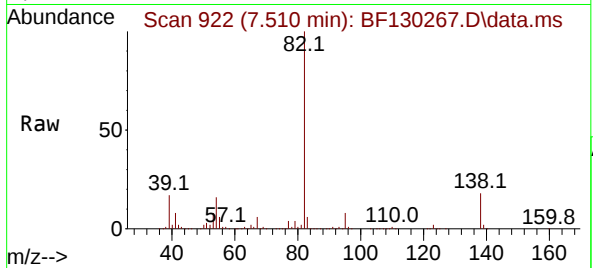




#25
Isophorone
Concen: 54.973 ng
RT: 7.510 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

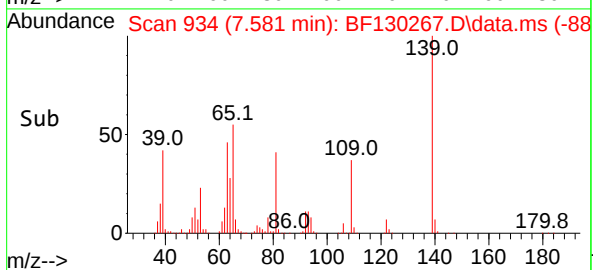
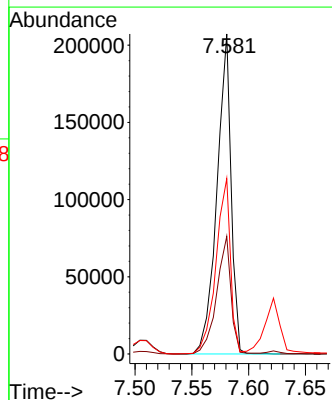
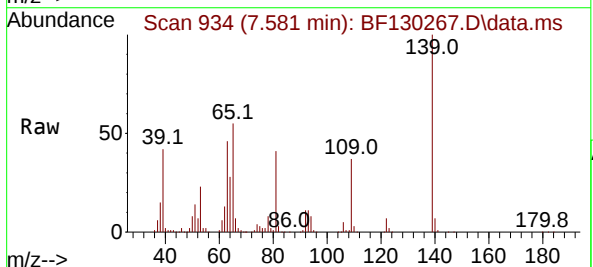
Instrument :
BNA_F
ClientSampleId :
PB147629BS

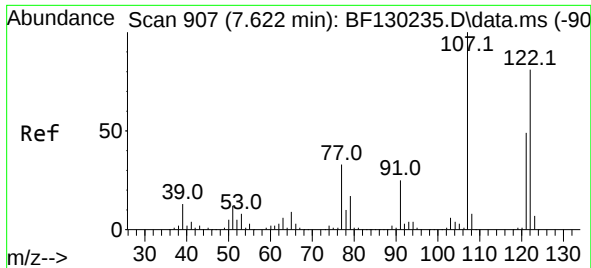
Tgt Ion: 82 Resp: 666723
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 18.0 13.8 20.6



#26
2-Nitrophenol
Concen: 57.491 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion: 139 Resp: 180071
Ion Ratio Lower Upper
139 100
109 36.8 30.2 45.4
65 54.8 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 62.761 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

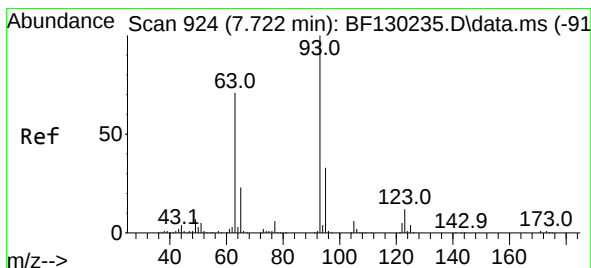
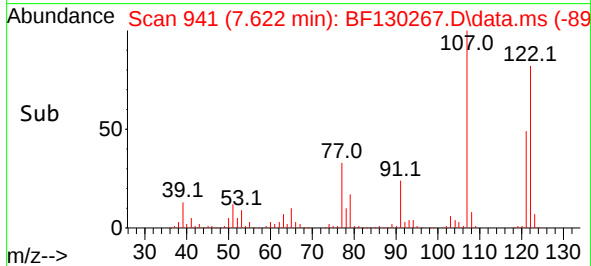
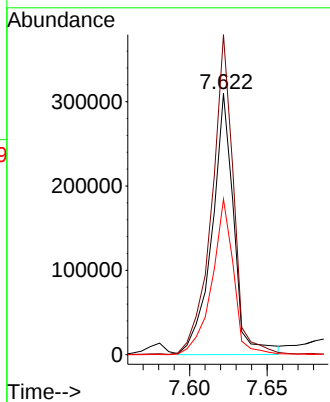
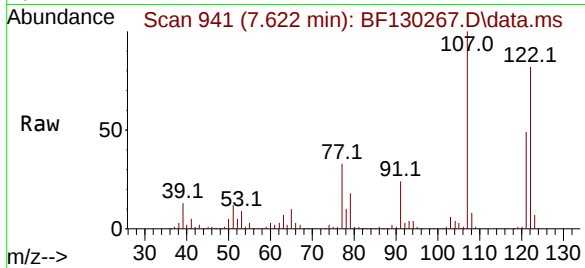
Tgt Ion:122 Resp: 302676

Ion Ratio Lower Upper

122 100

107 122.5 100.2 150.2

121 59.6 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 57.954 ng

RT: 7.722 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

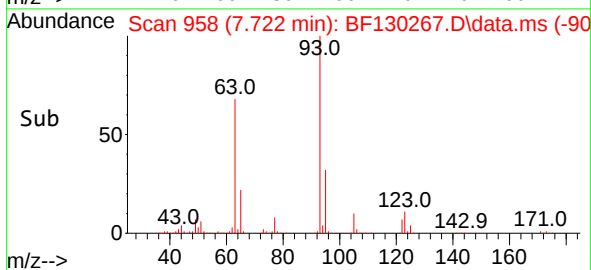
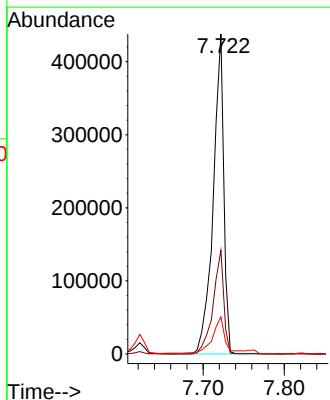
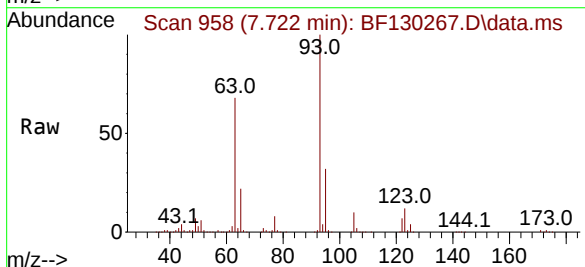
Tgt Ion: 93 Resp: 395782

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 53.741 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

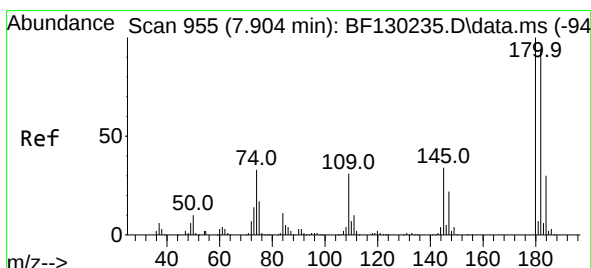
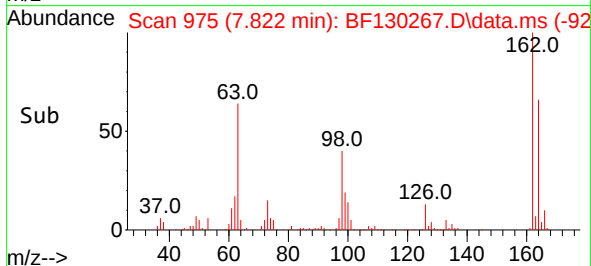
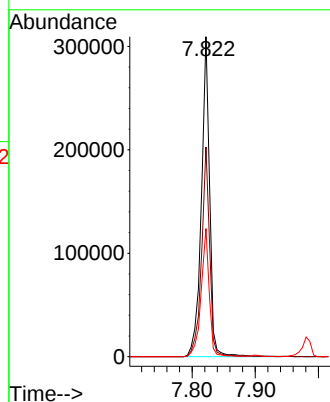
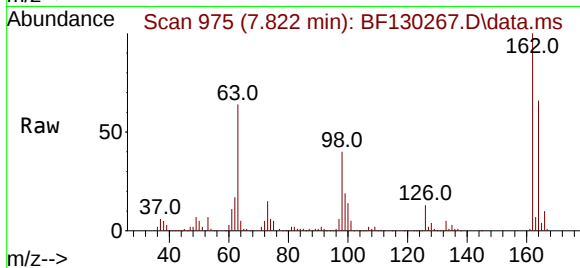
Tgt Ion:162 Resp: 284014

Ion Ratio Lower Upper

162 100

164 65.5 42.2 82.2

98 40.1 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 50.705 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

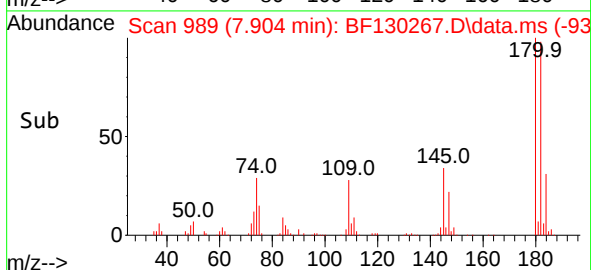
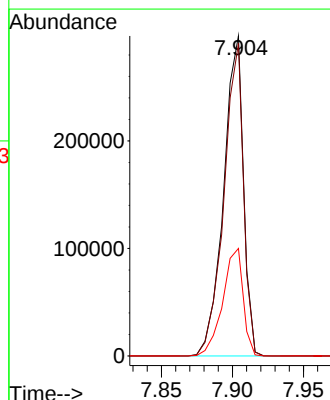
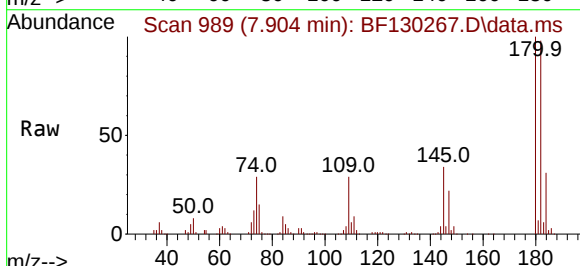
Tgt Ion:180 Resp: 289719

Ion Ratio Lower Upper

180 100

182 97.7 73.3 109.9

145 33.6 28.3 42.5

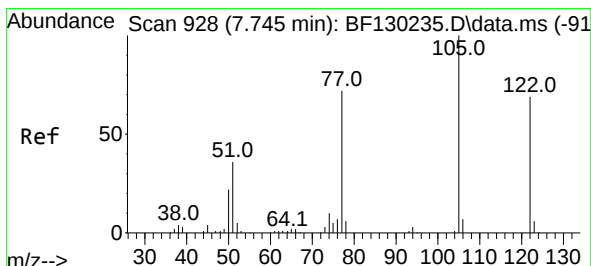
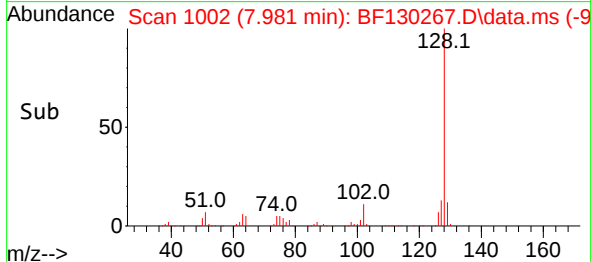
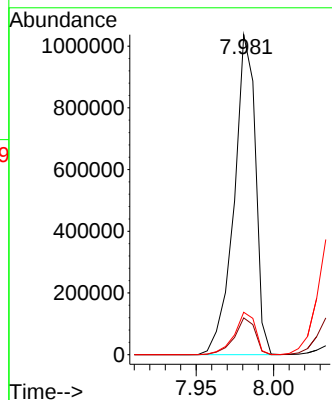
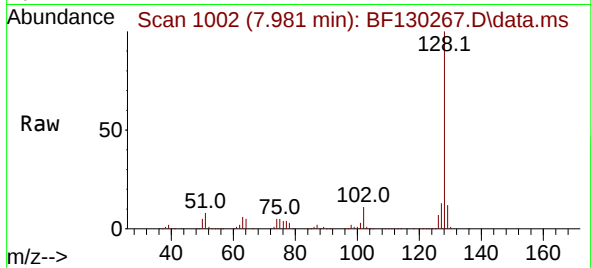




#31
Naphthalene
Concen: 50.232 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

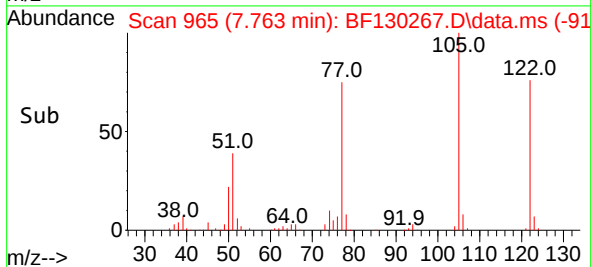
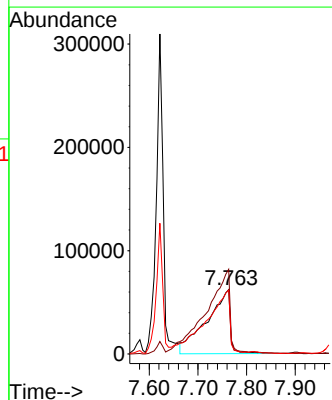
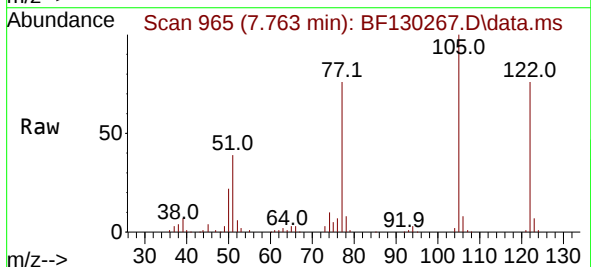
Instrument :
BNA_F
ClientSampleId :
PB147629BS

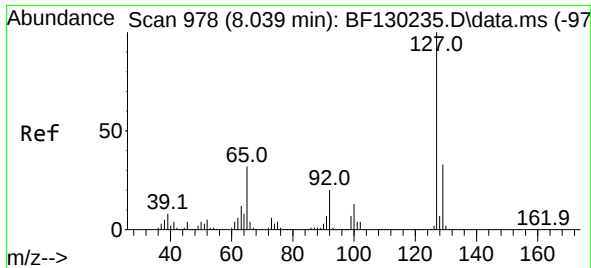
Tgt Ion:128 Resp: 994872
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 55.768 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.018 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:122 Resp: 207986
Ion Ratio Lower Upper
122 100
105 131.5 112.9 152.9
77 99.5 82.8 122.8

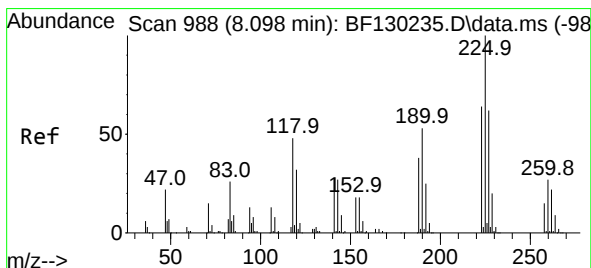
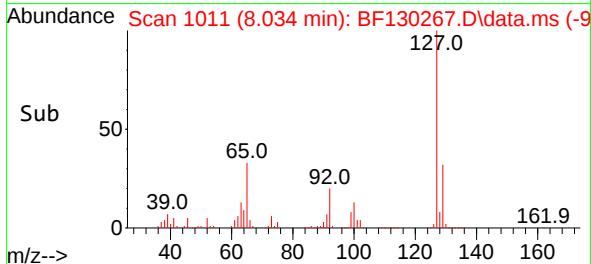
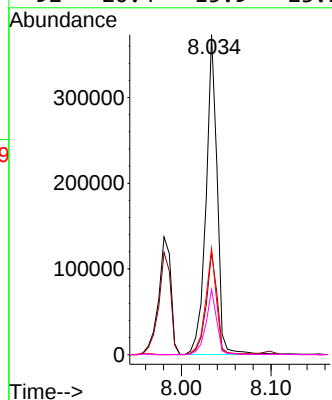
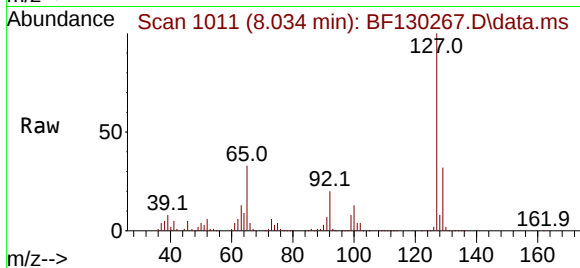




#33
4-Chloroaniline
Concen: 42.584 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

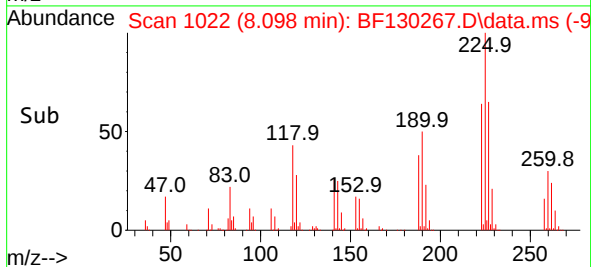
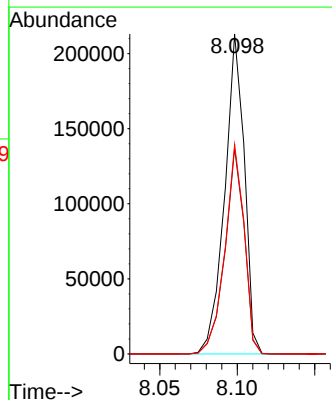
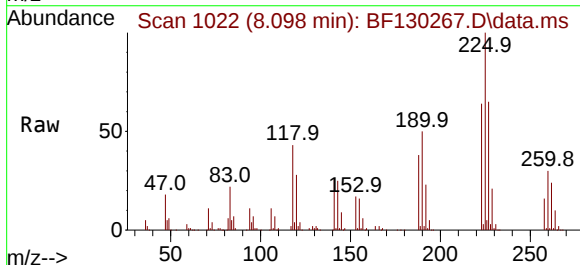
Instrument :
BNA_F
ClientSampleId :
PB147629BS

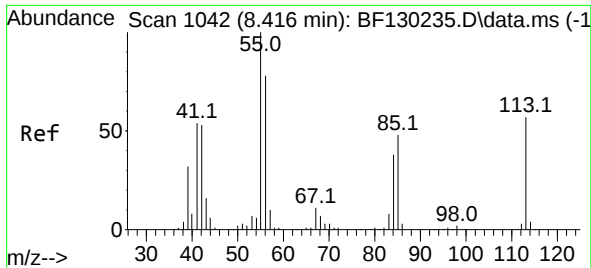
Tgt Ion:	127	Resp:	320769
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.6	38.4
65	33.2	27.0	40.6
92	20.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 51.447 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:	225	Resp:	187864
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.3	75.5
227	65.5	51.1	76.7

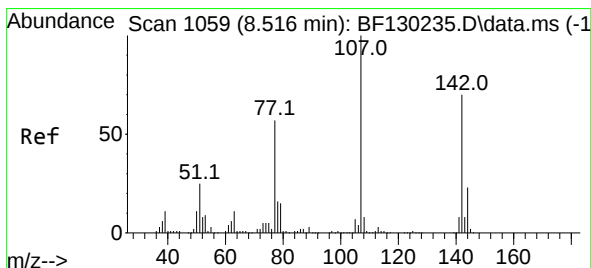
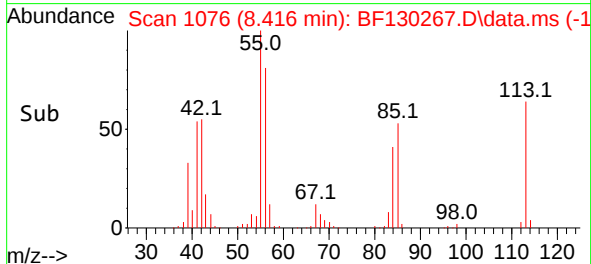
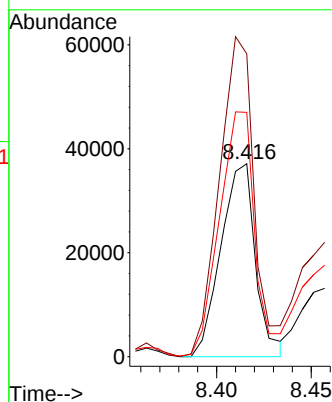
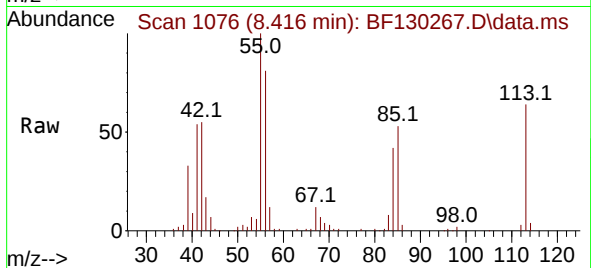




#35
 Caprolactam
 Concen: 31.088 ng
 RT: 8.416 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

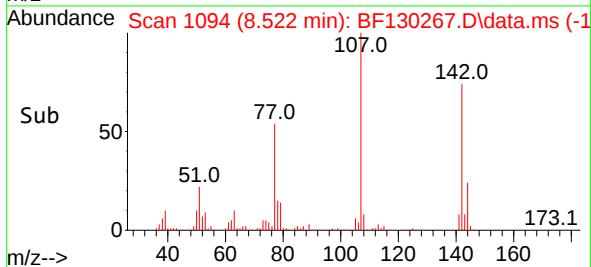
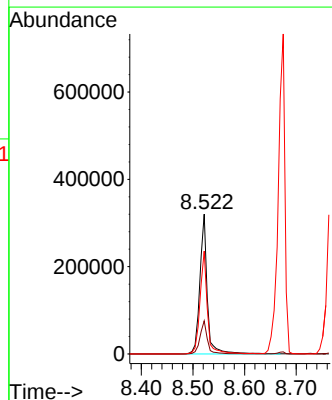
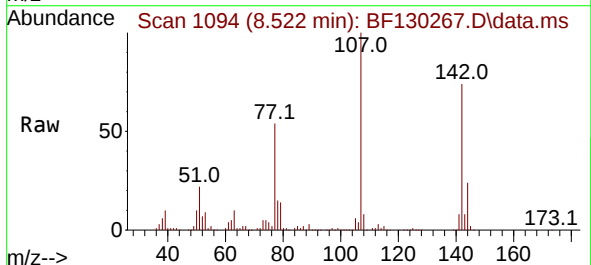
Instrument :
 BNA_F
 ClientSampleId :
 PB147629BS

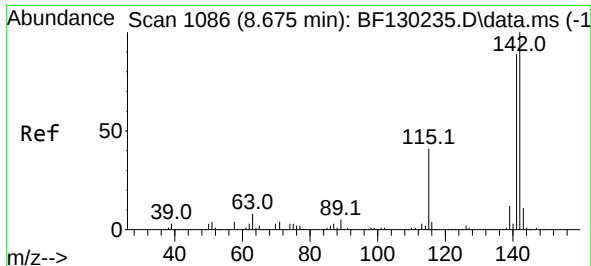
Tgt Ion:113 Resp: 47101
 Ion Ratio Lower Upper
 113 100
 55 157.0 155.4 195.4
 56 126.6 120.4 160.4



#36
 4-Chloro-3-methylphenol
 Concen: 54.577 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

Tgt Ion:107 Resp: 319705
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.0 30.0
 142 73.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 51.923 ng

RT: 8.675 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

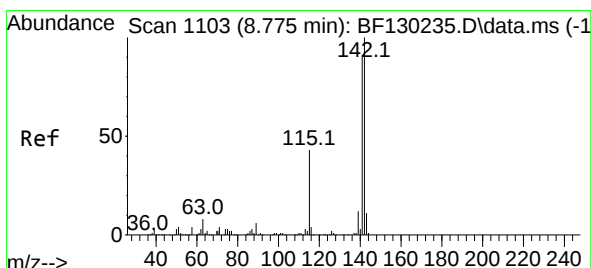
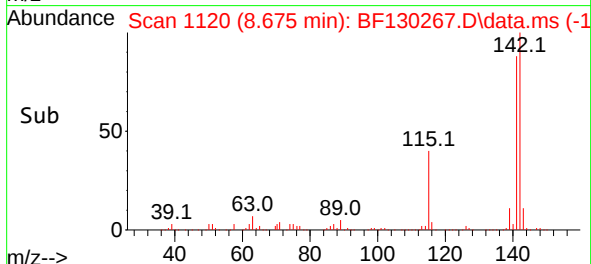
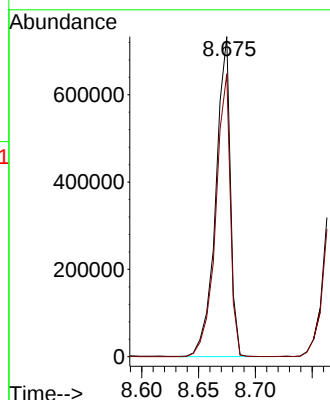
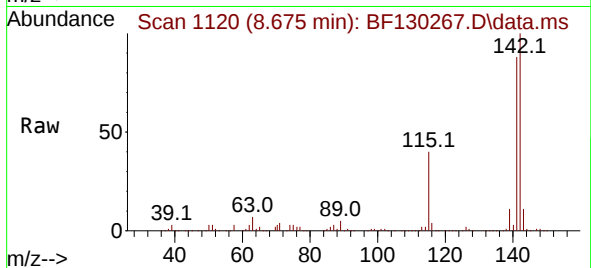
PB147629BS

Tgt Ion:142 Resp: 655667

Ion Ratio Lower Upper

142 100

141 88.4 70.0 105.0



#38

1-Methylnaphthalene

Concen: 50.846 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF130267.D

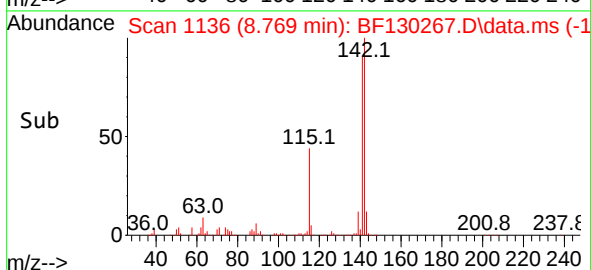
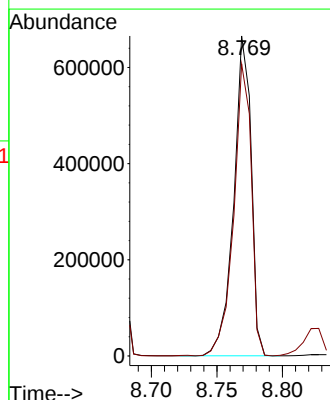
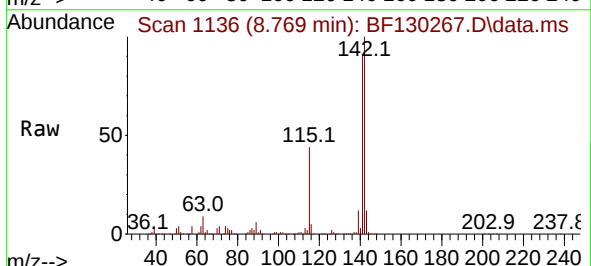
Acq: 15 Sep 2022 12:40

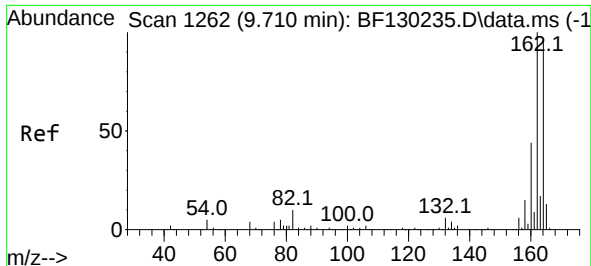
Tgt Ion:142 Resp: 616808

Ion Ratio Lower Upper

142 100

141 91.2 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.710 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

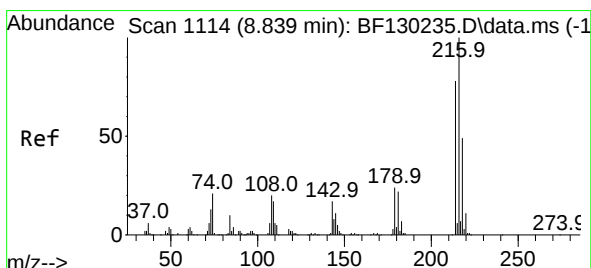
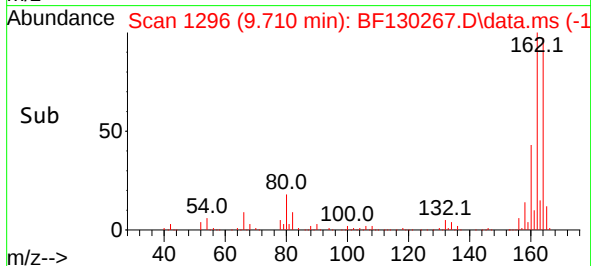
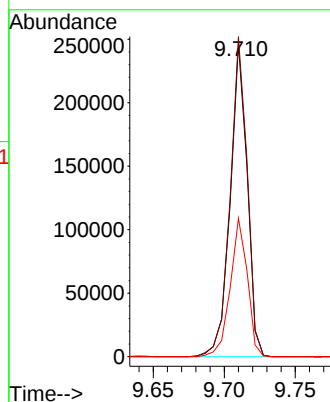
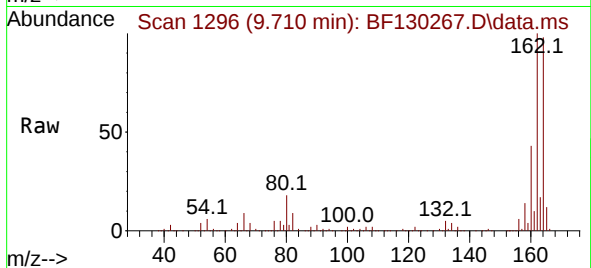
Tgt Ion:164 Resp: 204036

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.0

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.521 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Tgt Ion:216 Resp: 298021

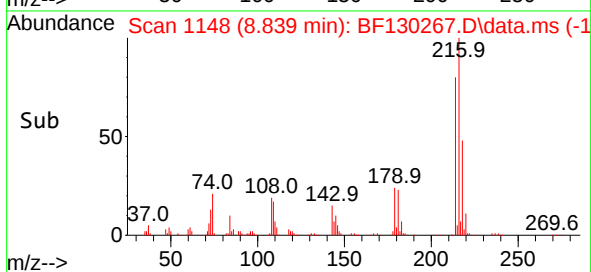
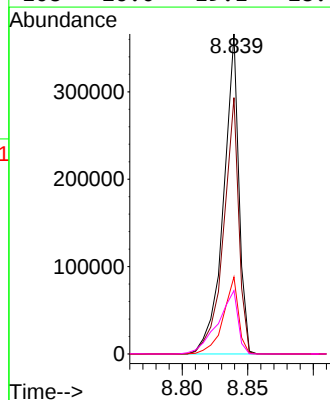
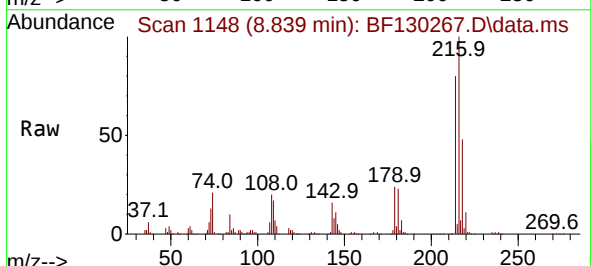
Ion Ratio Lower Upper

216 100

214 79.3 62.8 94.2

179 23.6 19.5 29.3

108 26.0 19.1 28.7

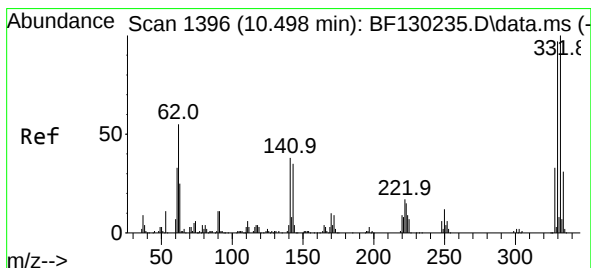
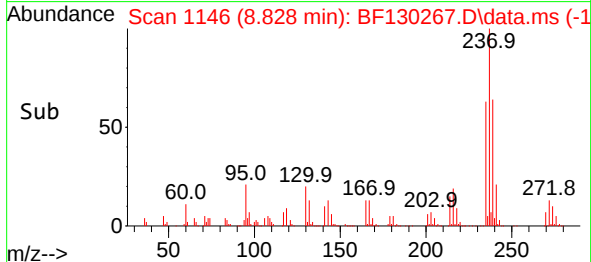
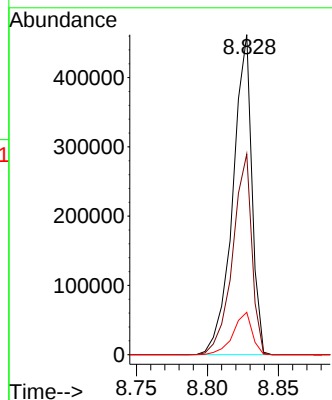
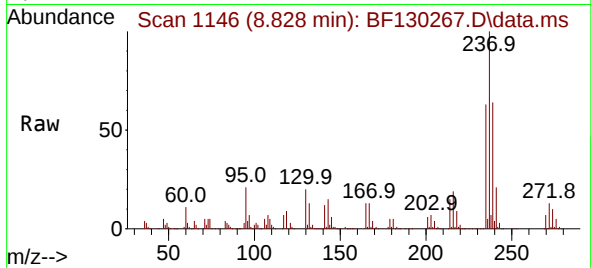




#41
Hexachlorocyclopentadiene
Concen: 144.694 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

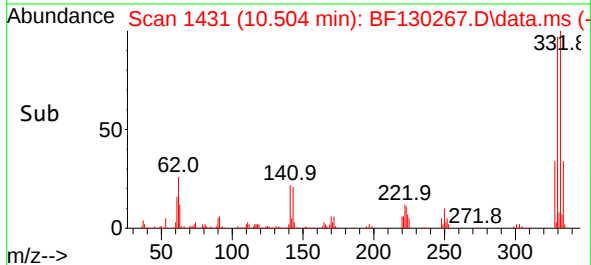
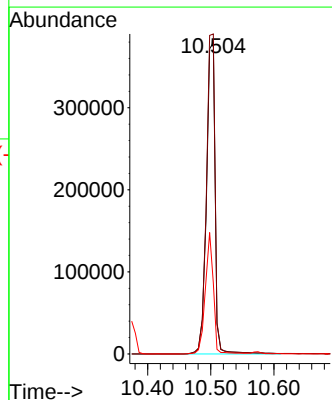
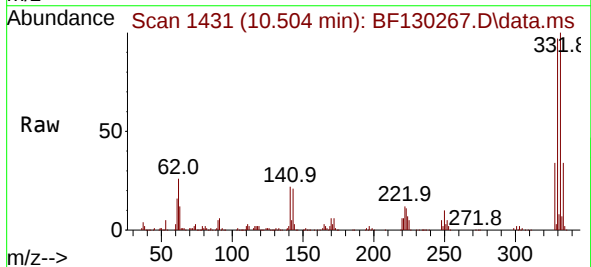
Instrument :
BNA_F
ClientSampleId :
PB147629BS

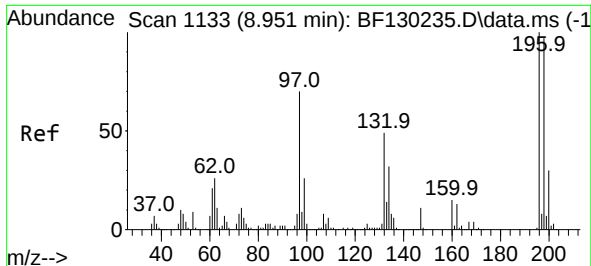
Tgt Ion:237 Resp: 431360
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 13.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 186.401 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:330 Resp: 364425
Ion Ratio Lower Upper
330 100
332 103.9 83.4 125.2
141 36.1 34.0 51.0

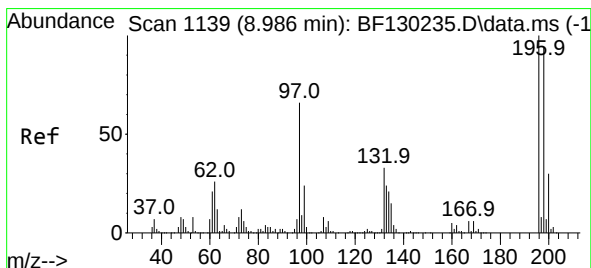
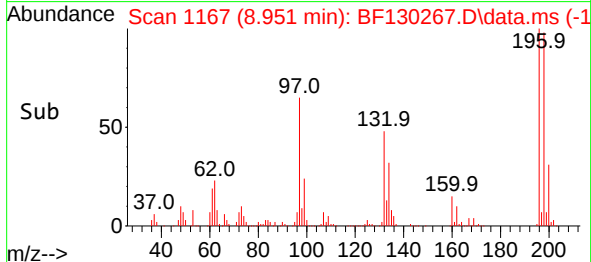
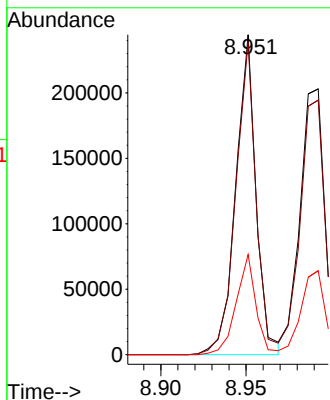
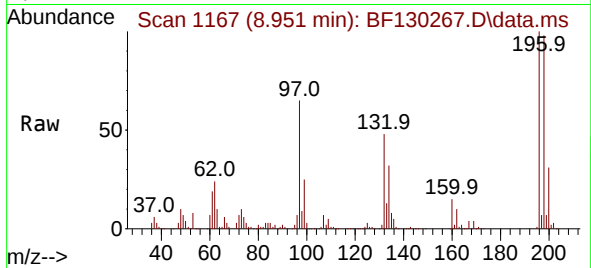




#43
2,4,6-Trichlorophenol
Concen: 52.199 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

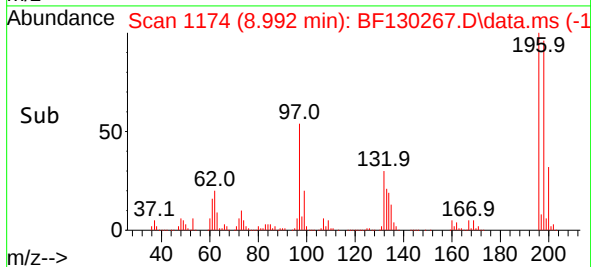
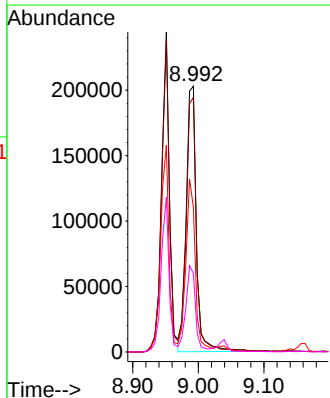
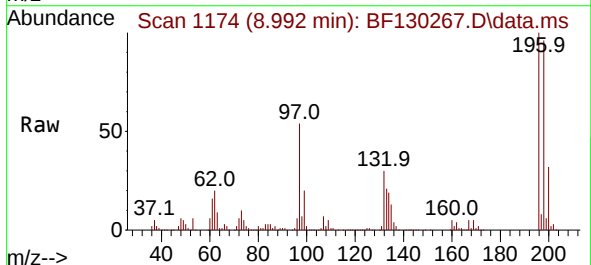
Instrument :
BNA_F
ClientSampleId :
PB147629BS

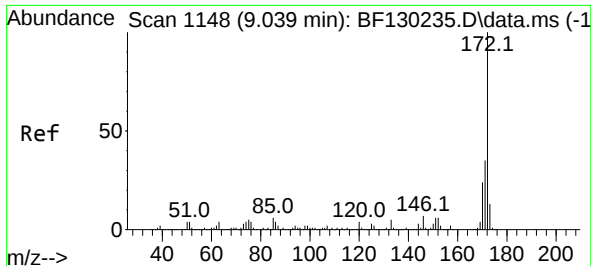
Tgt Ion:196 Resp: 202852
Ion Ratio Lower Upper
196 100
198 97.7 72.4 108.6
200 31.3 23.8 35.6



#44
2,4,5-Trichlorophenol
Concen: 52.255 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:196 Resp: 219135
Ion Ratio Lower Upper
196 100
198 95.8 74.8 112.2
97 54.4 43.7 65.5
132 29.5 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 97.257 ng

RT: 9.039 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

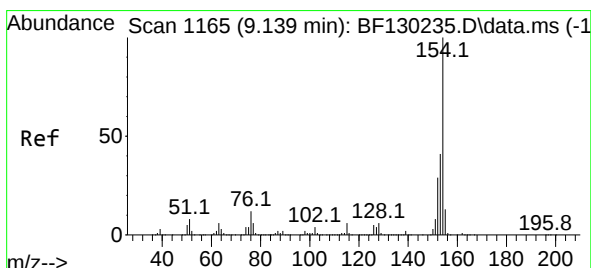
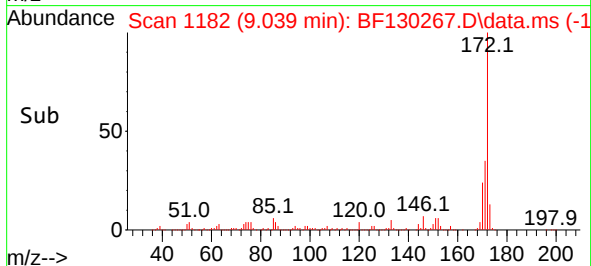
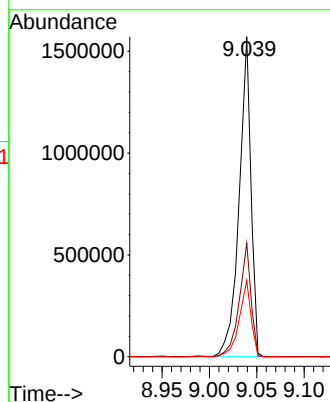
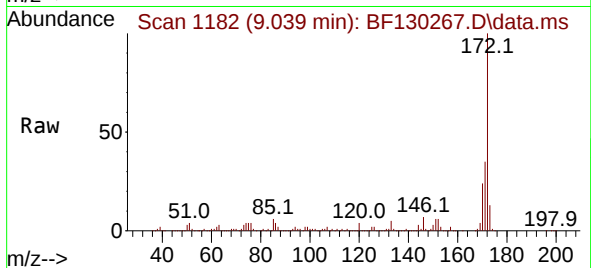
Tgt Ion:172 Resp: 1362732

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 52.849 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

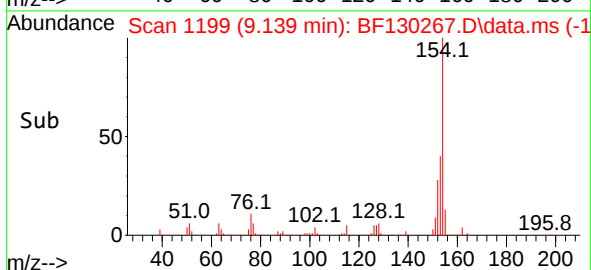
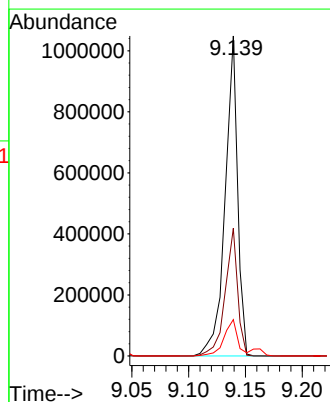
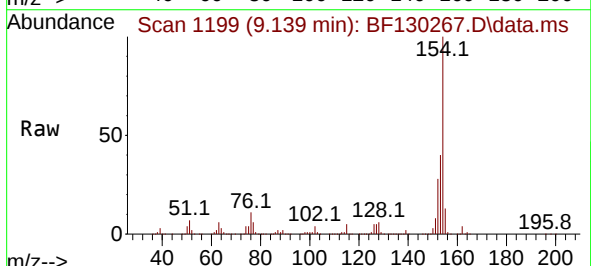
Tgt Ion:154 Resp: 805332

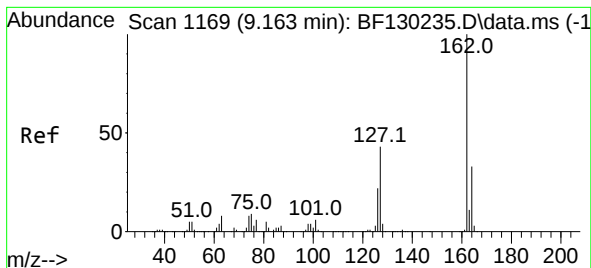
Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

76 11.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.708 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

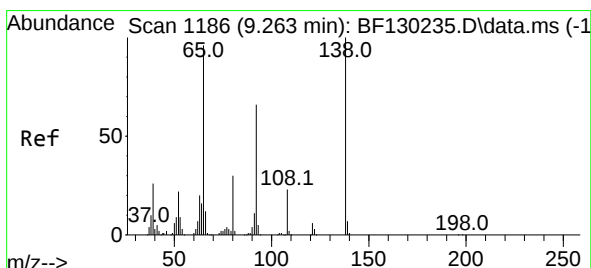
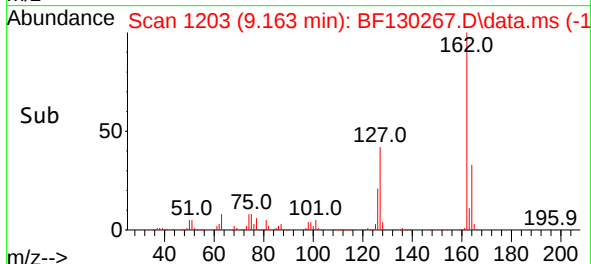
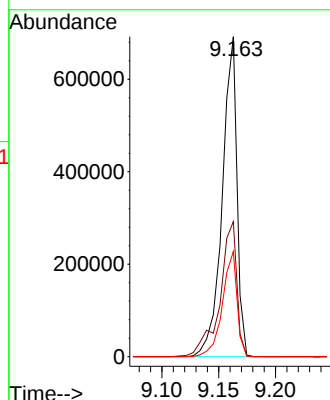
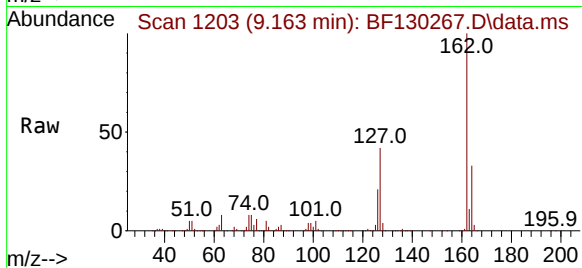
Tgt Ion:162 Resp: 625065

Ion Ratio Lower Upper

162 100

127 42.2 35.9 53.9

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 50.613 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

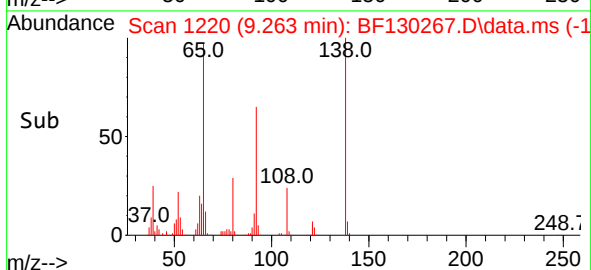
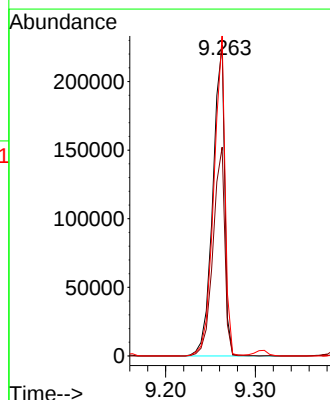
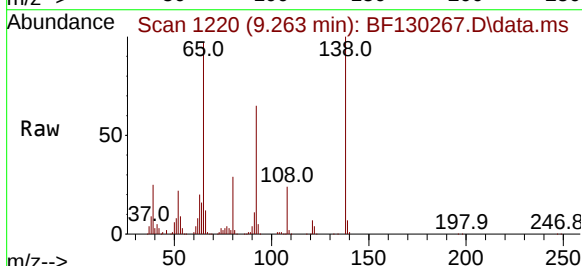
Tgt Ion: 65 Resp: 208089

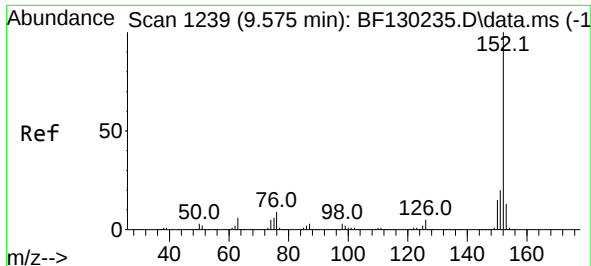
Ion Ratio Lower Upper

65 100

92 67.2 52.2 78.4

138 102.9 77.0 115.4





#49

Acenaphthylene

Concen: 50.982 ng

RT: 9.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

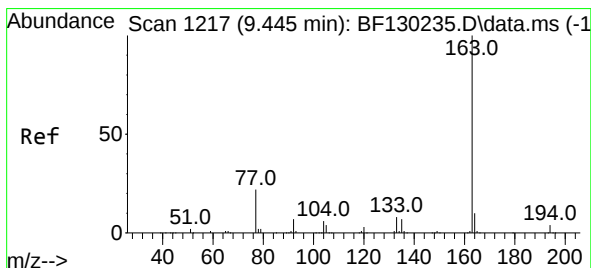
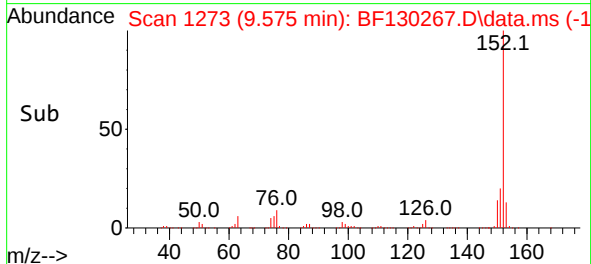
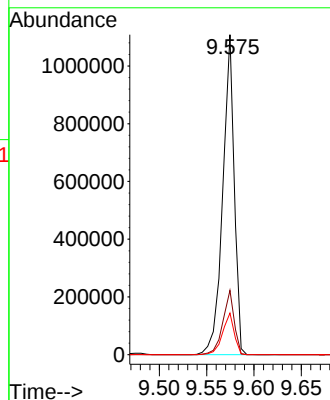
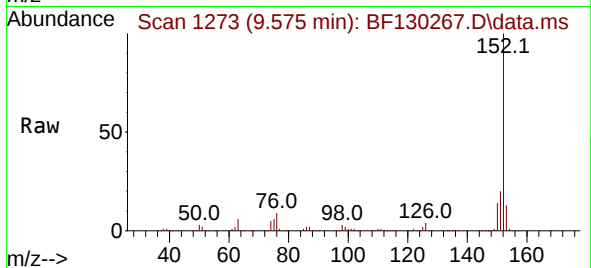
Tgt Ion:152 Resp: 942264

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 52.174 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

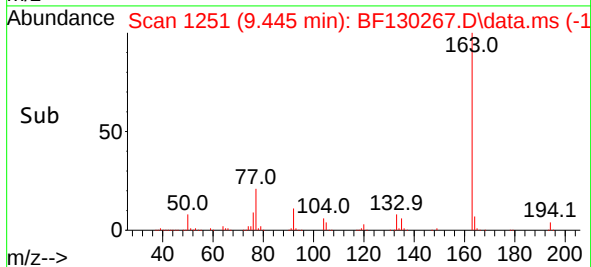
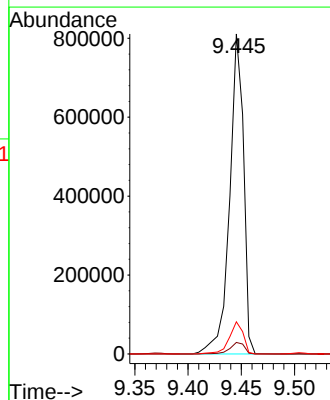
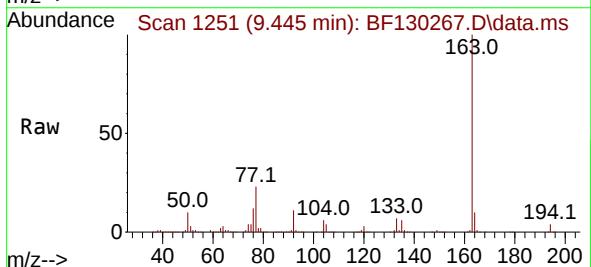
Tgt Ion:163 Resp: 735343

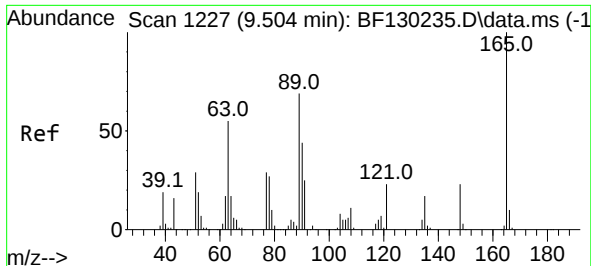
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 55.292 ng

RT: 9.504 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

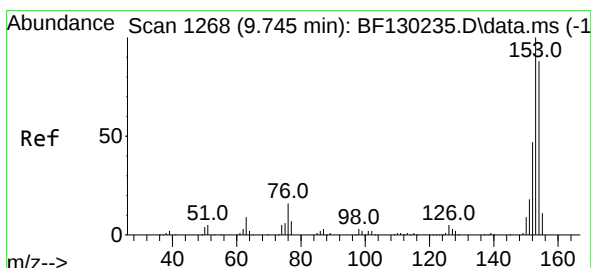
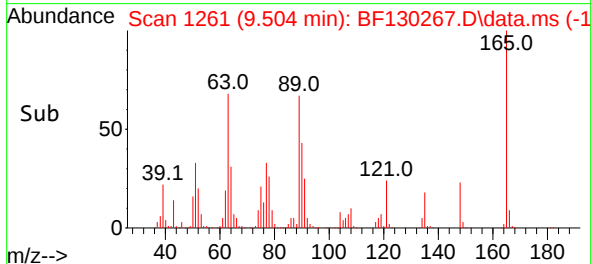
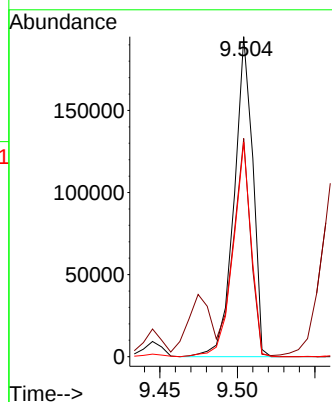
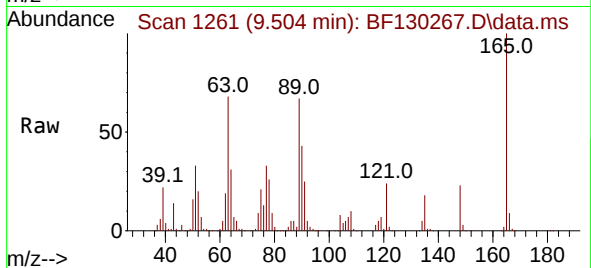
Tgt Ion:165 Resp: 162976

Ion Ratio Lower Upper

165 100

63 68.2 58.8 88.2

89 67.0 54.5 81.7



#52

Acenaphthene

Concen: 46.834 ng

RT: 9.745 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

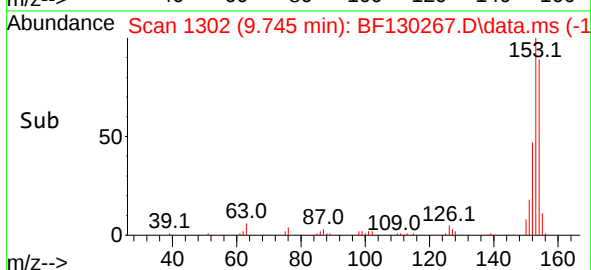
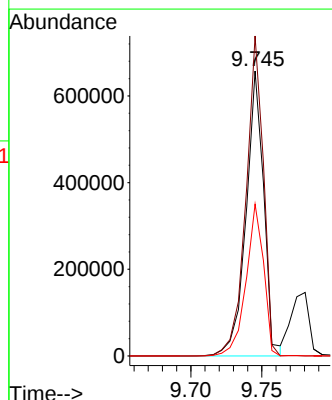
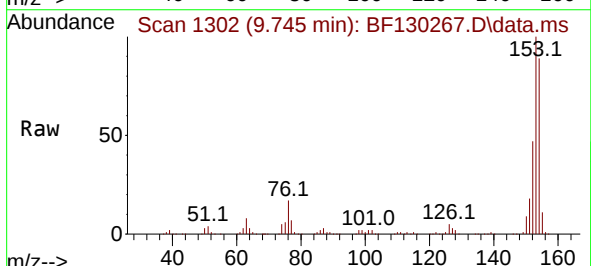
Tgt Ion:154 Resp: 568723

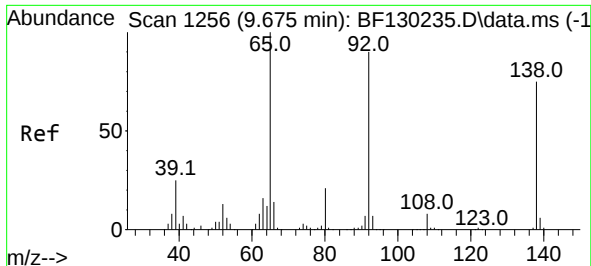
Ion Ratio Lower Upper

154 100

153 112.3 90.6 136.0

152 53.3 43.8 65.6

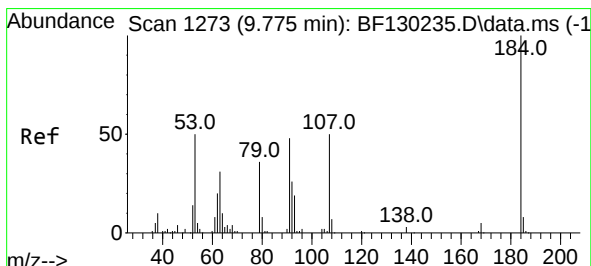
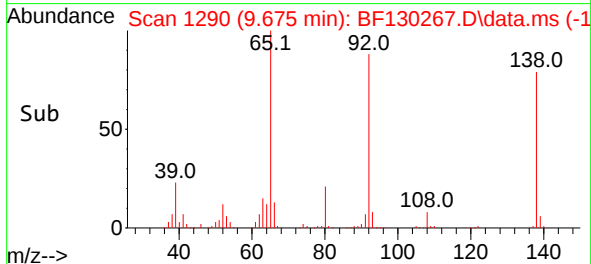
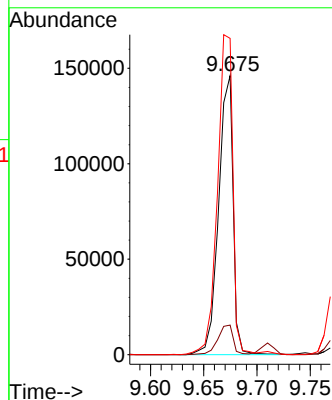
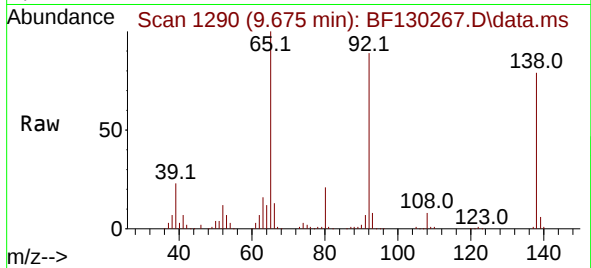




#53
3-Nitroaniline
Concen: 41.945 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

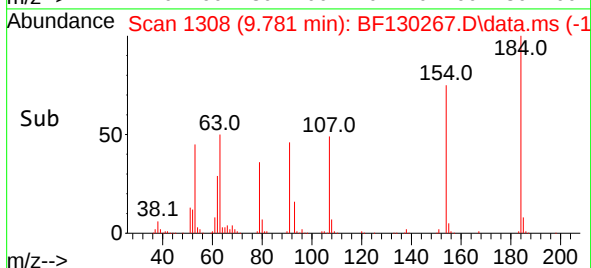
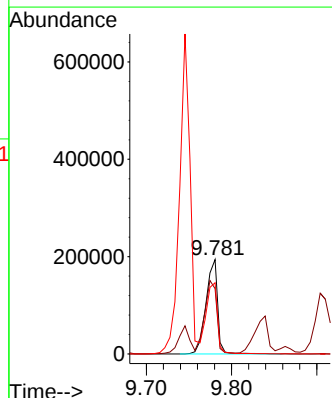
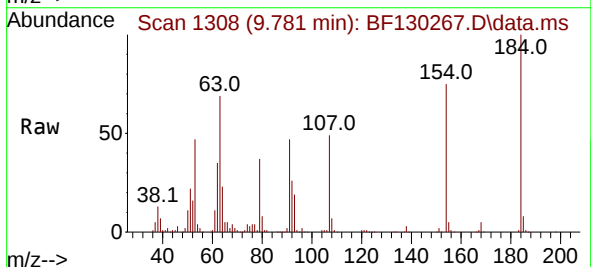
Instrument :
BNA_F
ClientSampleId :
PB147629BS

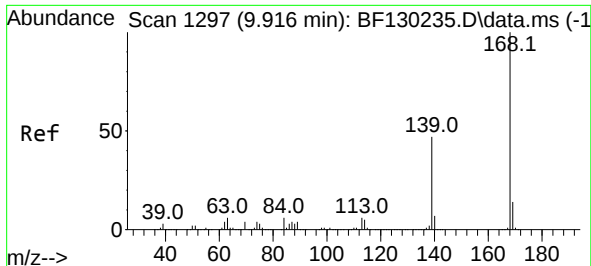
Tgt Ion:138 Resp: 137767
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 113.4 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 111.810 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:184 Resp: 183092
Ion Ratio Lower Upper
184 100
63 69.1 70.0 105.0#
154 75.5 63.0 94.6

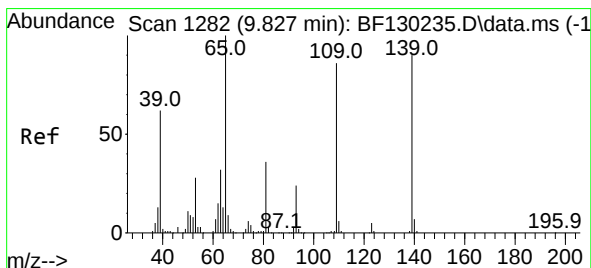
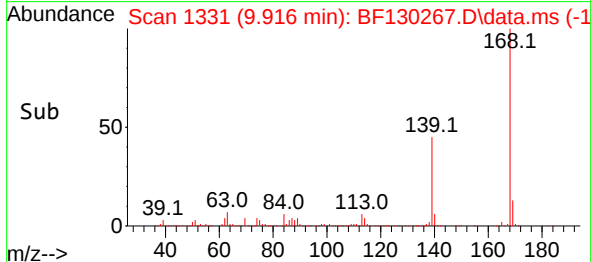
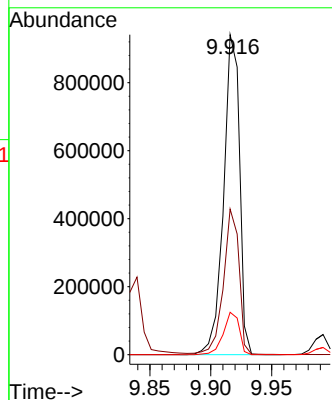
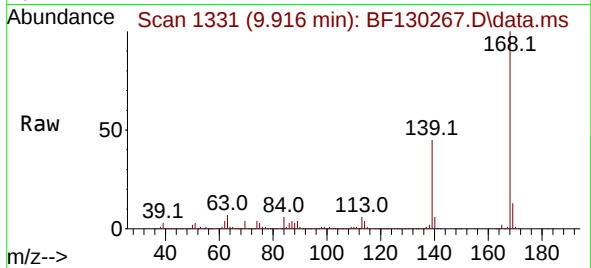




#55
Dibenzofuran
Concen: 51.003 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

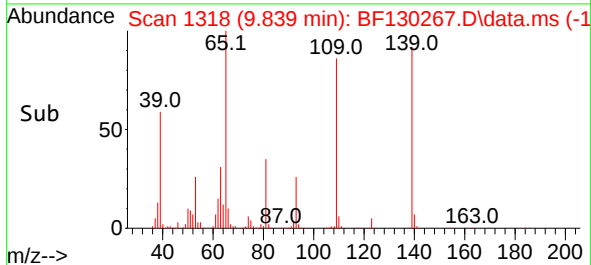
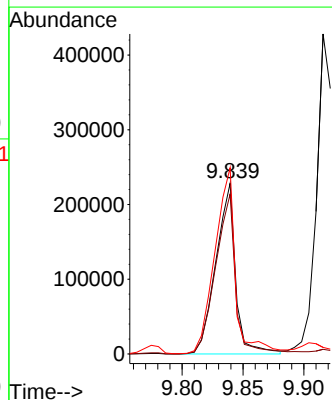
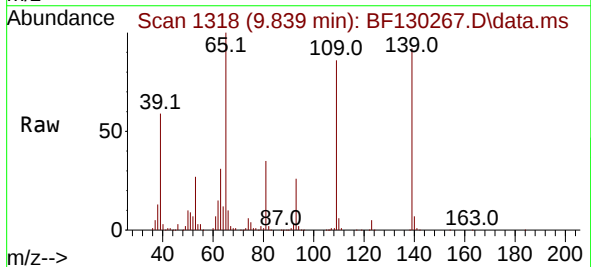
Instrument :
BNA_F
ClientSampleId :
PB147629BS

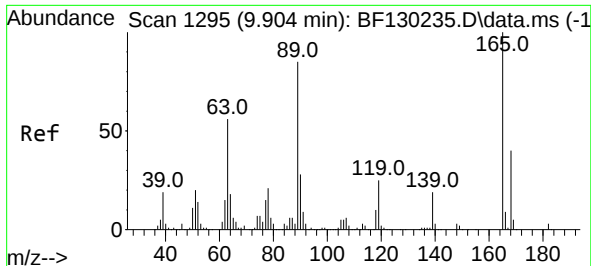
Tgt Ion:168 Resp: 861470
Ion Ratio Lower Upper
168 100
139 45.5 35.0 52.4
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 108.146 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:139 Resp: 258711
Ion Ratio Lower Upper
139 100
109 93.8 72.2 112.2
65 109.1 97.7 137.7

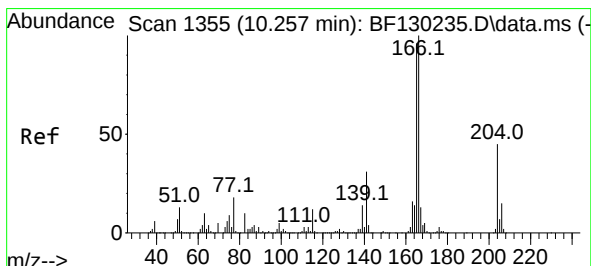
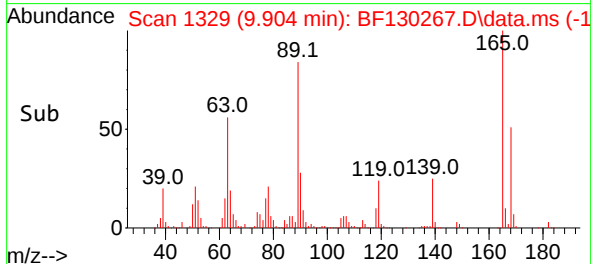
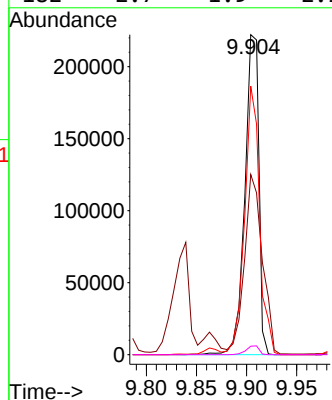
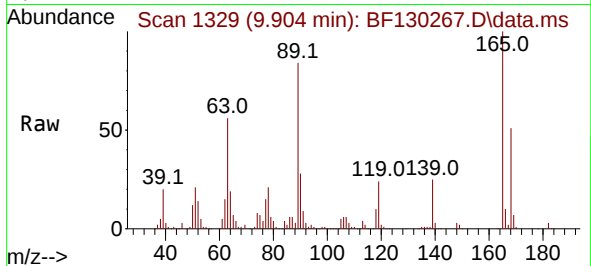




#57
2,4-Dinitrotoluene
Concen: 57.735 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

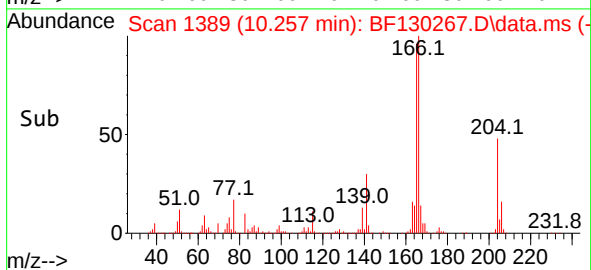
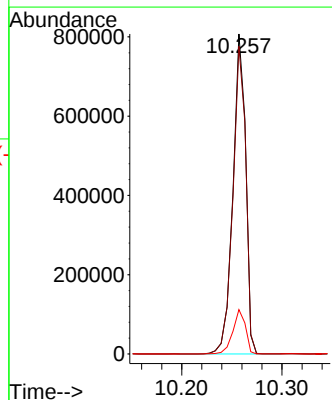
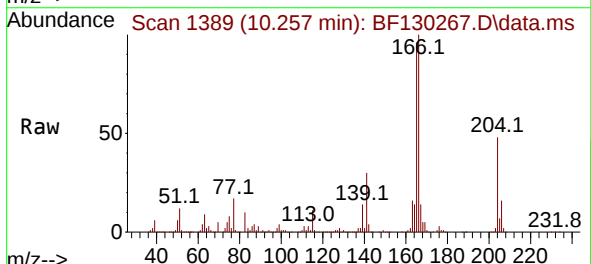
Instrument :
BNA_F
ClientSampleId :
PB147629BS

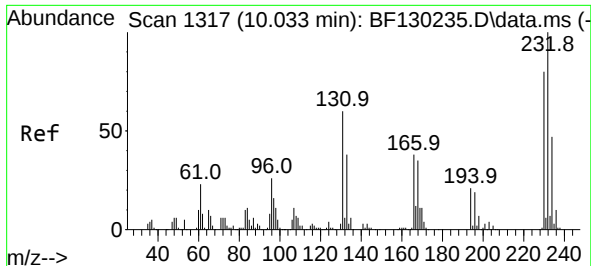
Tgt Ion:165 Resp: 217491
Ion Ratio Lower Upper
165 100
63 56.3 44.7 67.1
89 83.9 69.0 103.4
182 2.7 1.9 2.9



#58
Fluorene
Concen: 51.508 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:166 Resp: 711498
Ion Ratio Lower Upper
166 100
165 96.2 78.8 118.2
167 13.8 10.6 15.8

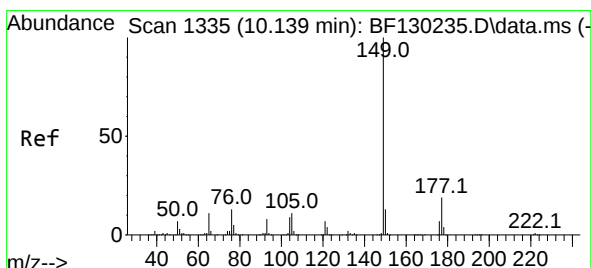
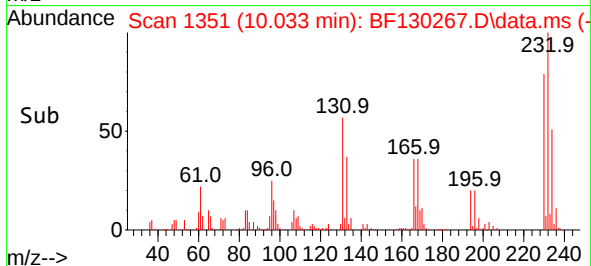
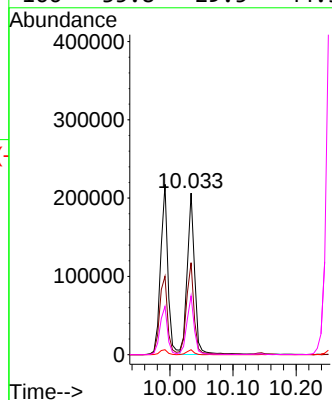
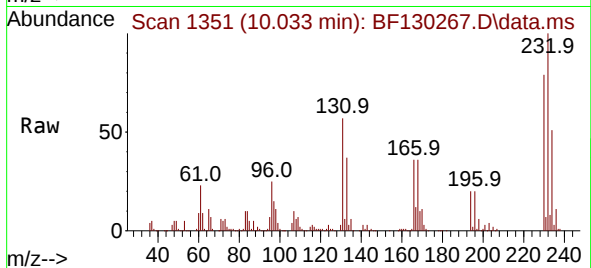




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.770 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

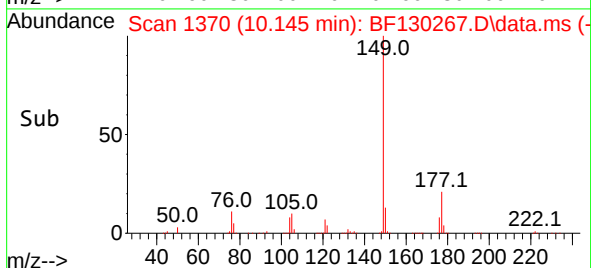
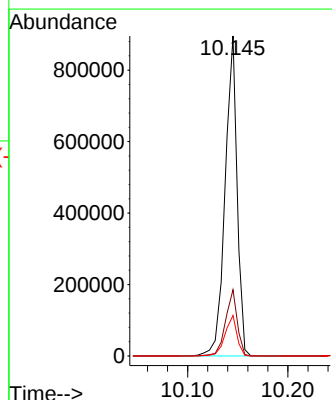
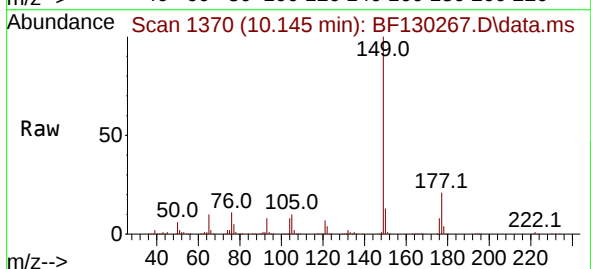
Instrument :
BNA_F
ClientSampleId :
PB147629BS

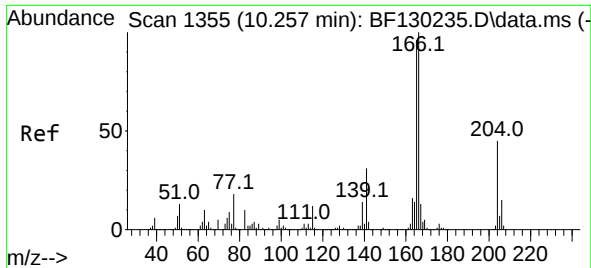
Tgt Ion:232 Resp: 169928
Ion Ratio Lower Upper
232 100
131 57.2 46.4 69.6
130 2.9 2.3 3.5
166 35.8 29.5 44.3



#60
Diethylphthalate
Concen: 52.496 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:149 Resp: 741952
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.7 9.9 14.9

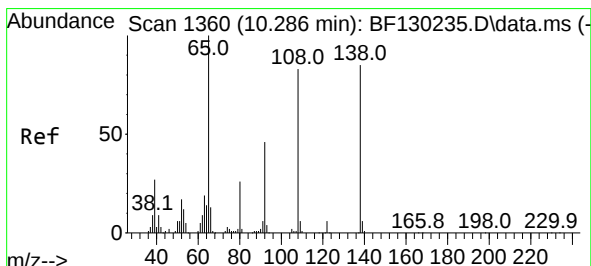
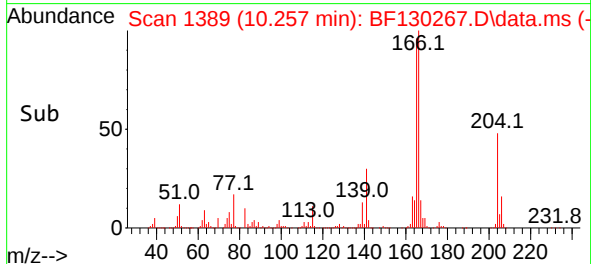
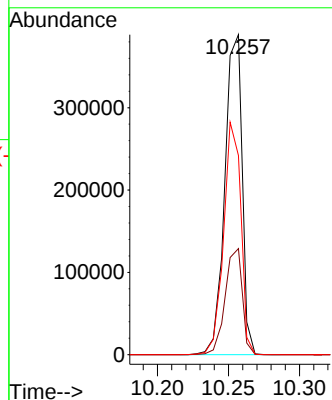
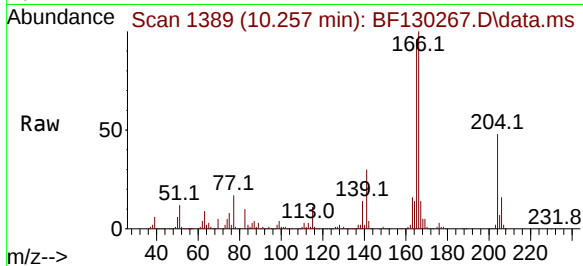




#61
4-Chlorophenyl-phenylether
Concen: 54.419 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

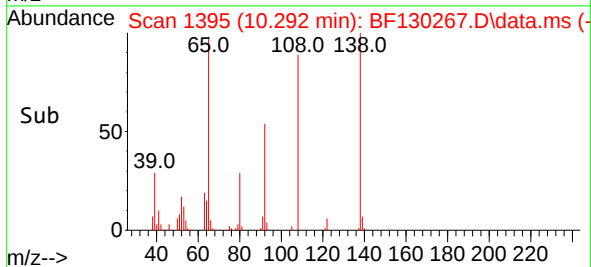
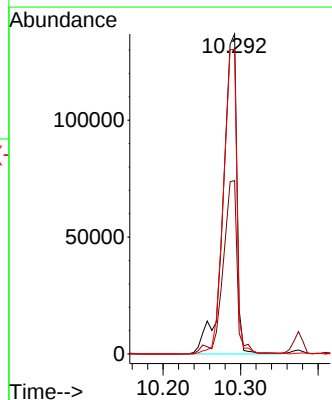
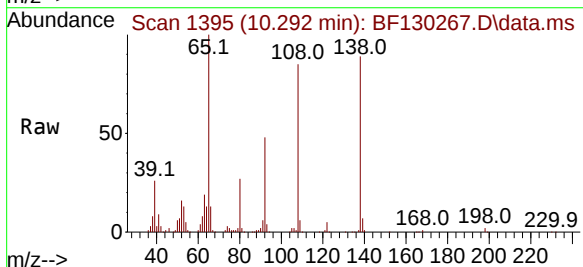
Instrument :
BNA_F
ClientSampleId :
PB147629BS

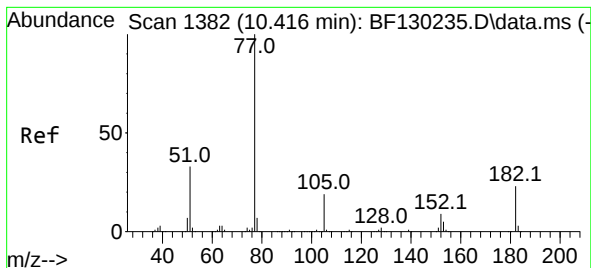
Tgt Ion:204 Resp: 329761
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 62.2 57.1 85.7



#62
4-Nitroaniline
Concen: 51.244 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:138 Resp: 169077
Ion Ratio Lower Upper
138 100
92 54.2 36.7 76.7
108 95.2 78.2 118.2





#63

Azobenzene

Concen: 48.723 ng

RT: 10.416 min Scan# 1416

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

Tgt Ion: 77 Resp: 709082

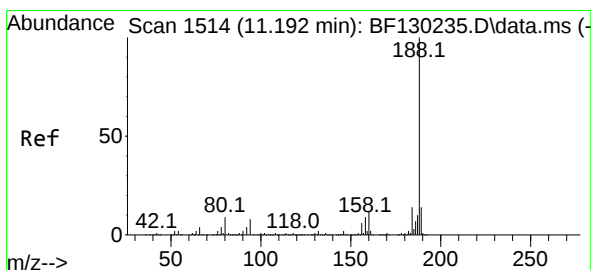
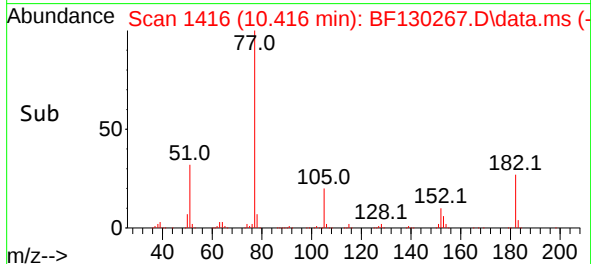
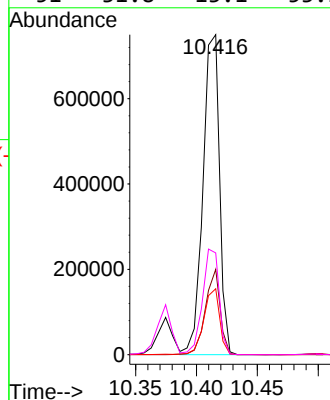
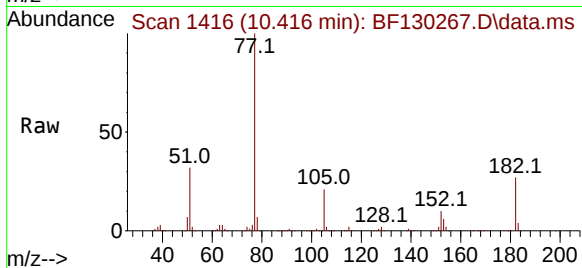
Ion Ratio Lower Upper

77 100

182 26.6 2.1 42.1

105 20.6 0.0 39.4

51 31.8 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

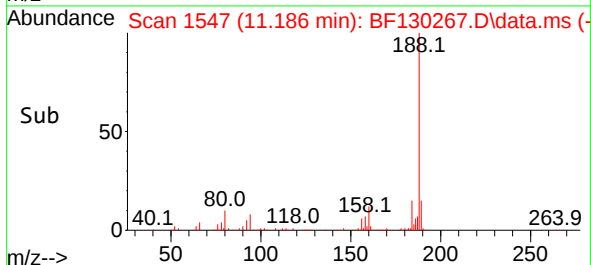
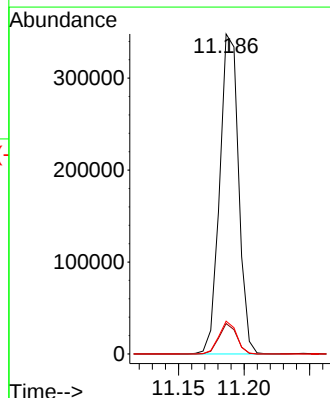
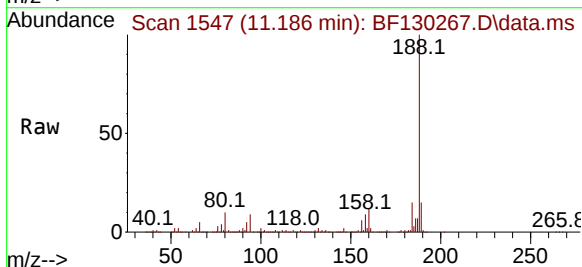
Tgt Ion: 188 Resp: 348538

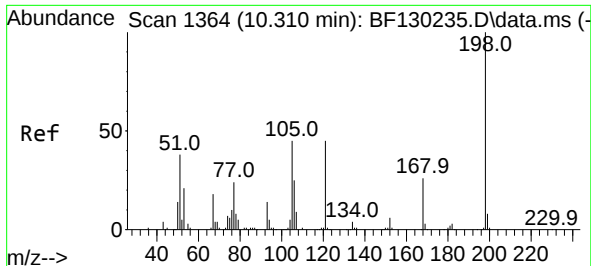
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.3 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 55.929 ng

RT: 10.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

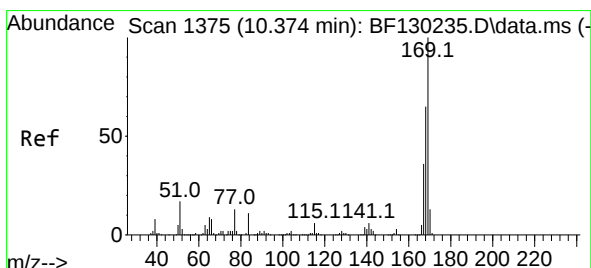
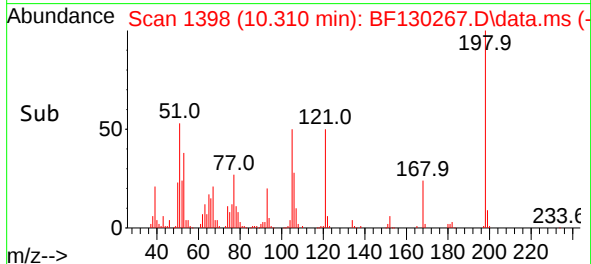
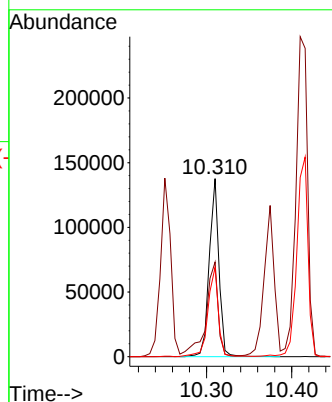
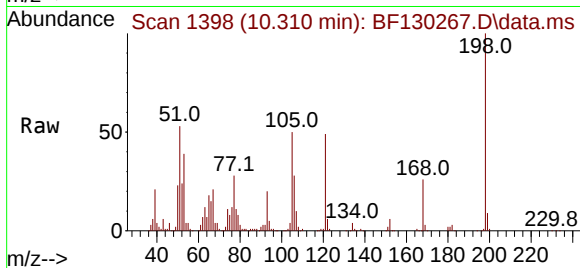
Tgt Ion:198 Resp: 108514

Ion Ratio Lower Upper

198 100

51 53.1 36.9 76.9

105 50.2 33.0 73.0



#66

n-Nitrosodiphenylamine

Concen: 50.840 ng

RT: 10.375 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

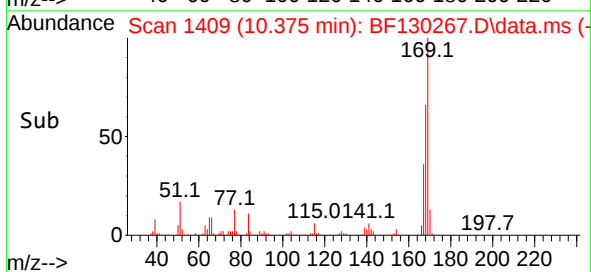
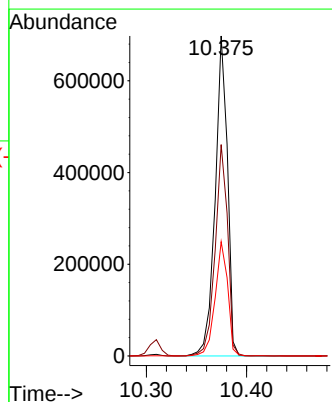
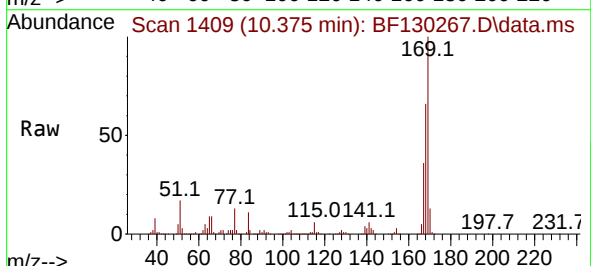
Tgt Ion:169 Resp: 592139

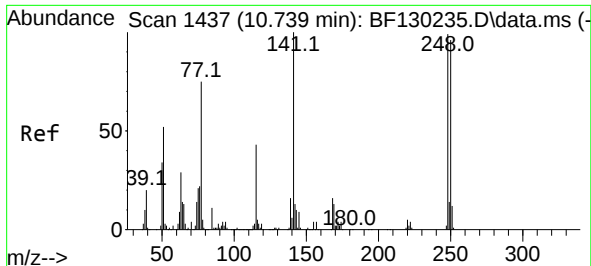
Ion Ratio Lower Upper

169 100

168 66.1 53.2 79.8

167 35.7 29.2 43.8

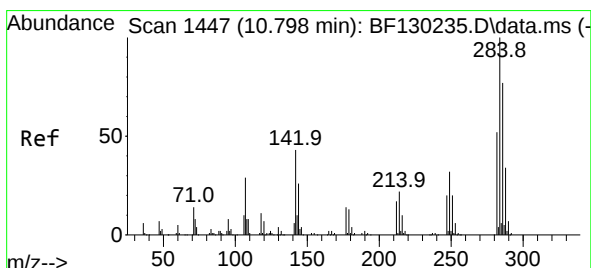
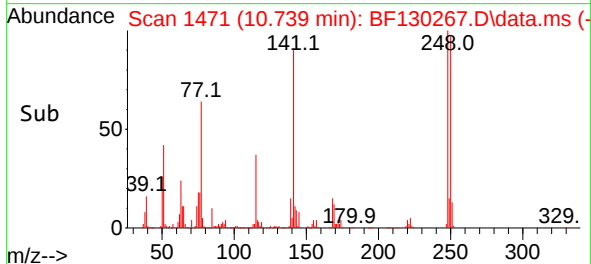
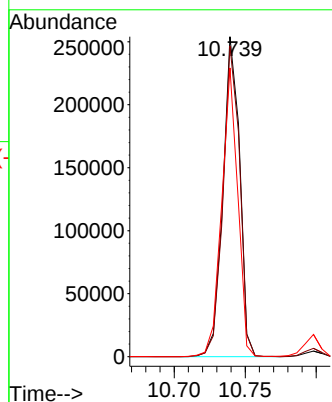
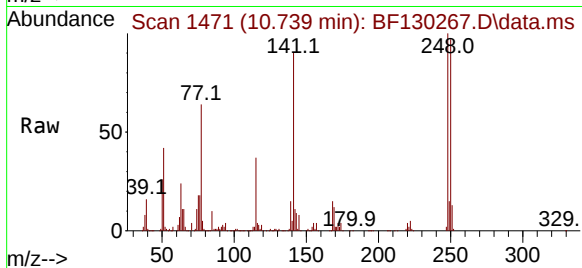




#67
4-Bromophenyl-phenylether
Concen: 54.082 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

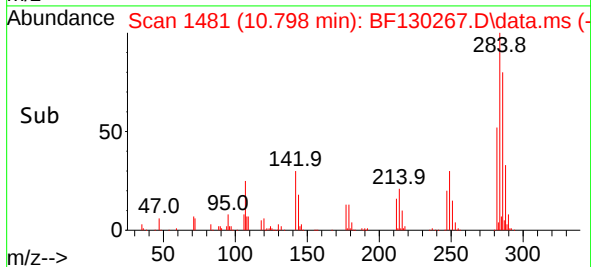
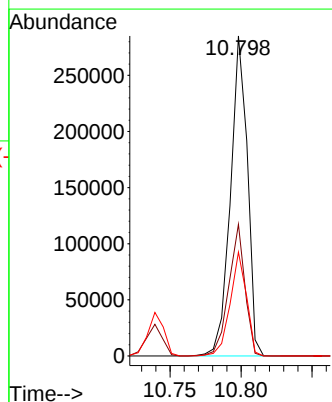
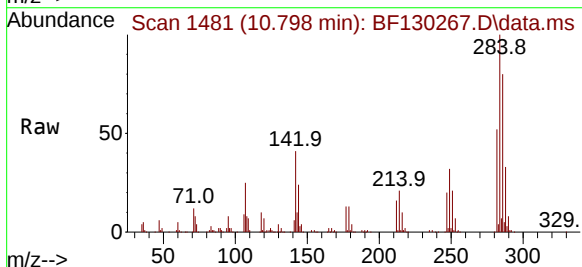
Instrument :
BNA_F
ClientSampleId :
PB147629BS

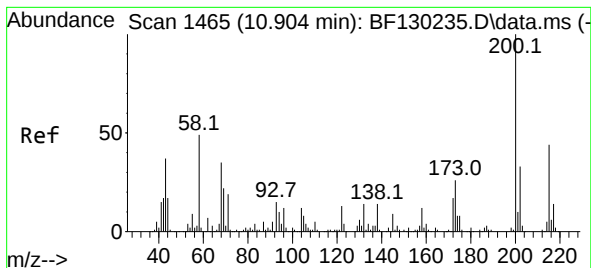
Tgt Ion:248 Resp: 207942
Ion Ratio Lower Upper
248 100
250 97.2 80.0 120.0
141 90.3 68.5 102.7



#68
Hexachlorobenzene
Concen: 54.069 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:284 Resp: 235660
Ion Ratio Lower Upper
284 100
142 41.1 27.2 40.8#
249 32.5 23.8 35.8





#69

Atrazine

Concen: 59.807 ng

RT: 10.904 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

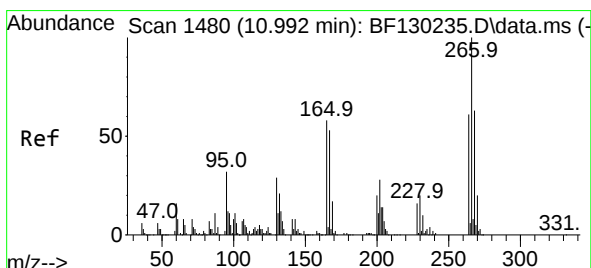
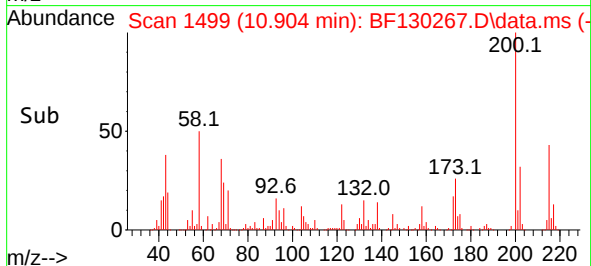
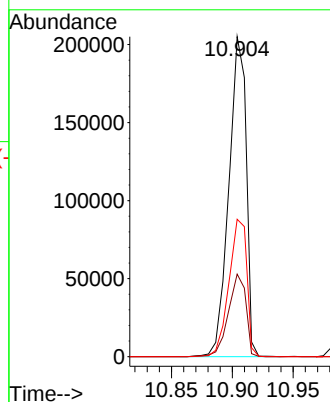
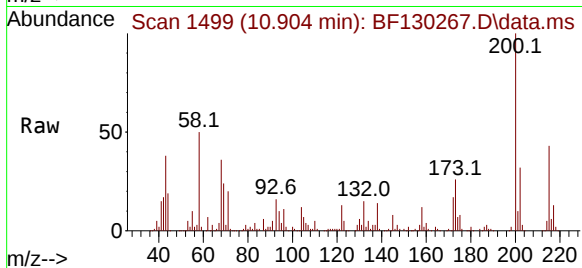
Tgt Ion:200 Resp: 203566

Ion Ratio Lower Upper

200 100

173 25.8 6.2 46.2

215 42.9 22.5 62.5



#70

Pentachlorophenol

Concen: 114.722 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

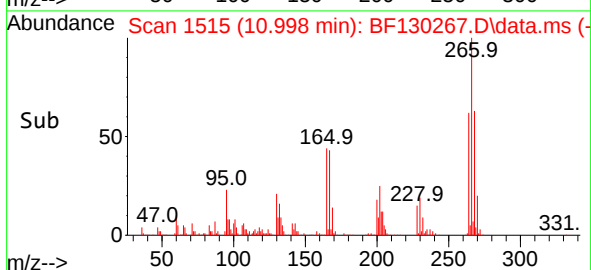
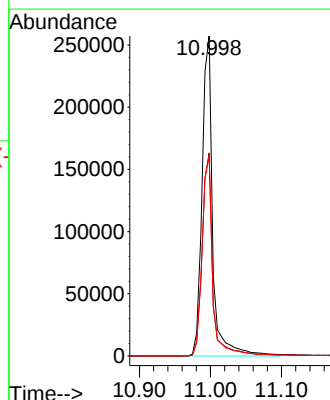
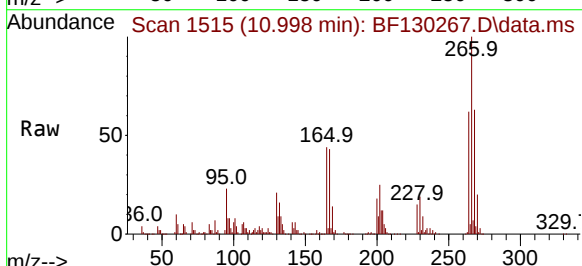
Tgt Ion:266 Resp: 268353

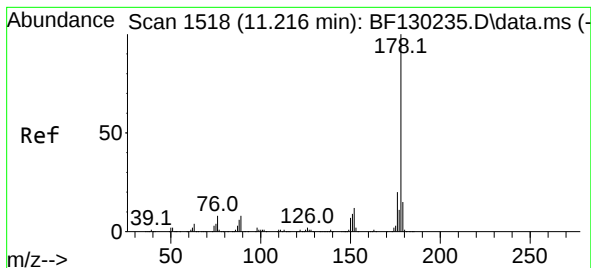
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 62.4 50.5 75.7





#71

Phenanthrene

Concen: 50.065 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

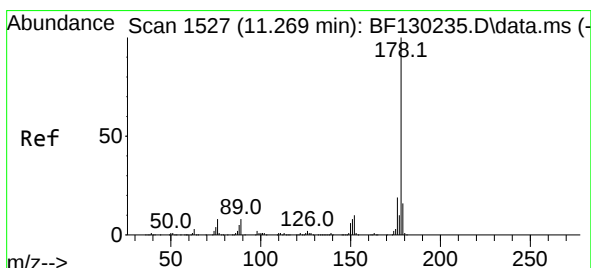
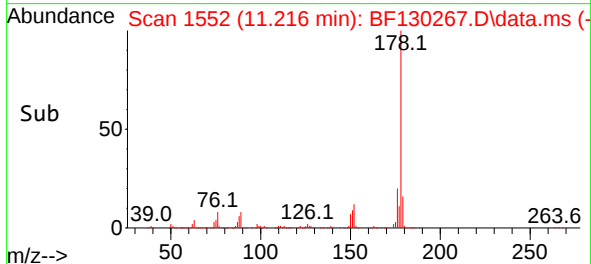
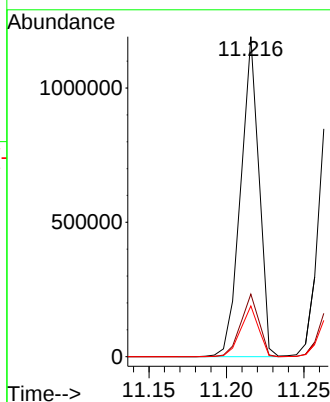
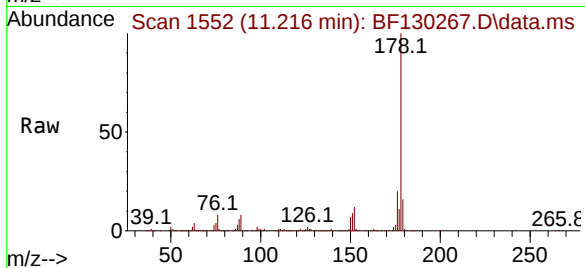
Tgt Ion:178 Resp: 979700

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.9 12.4 18.6



#72

Anthracene

Concen: 52.565 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

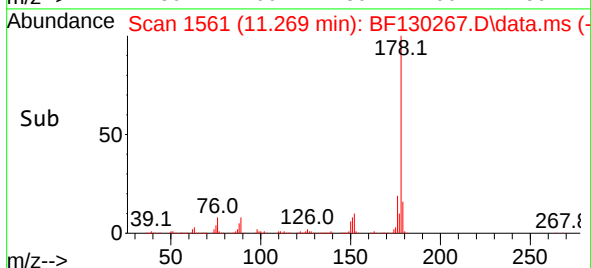
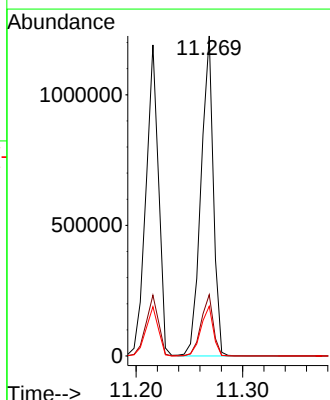
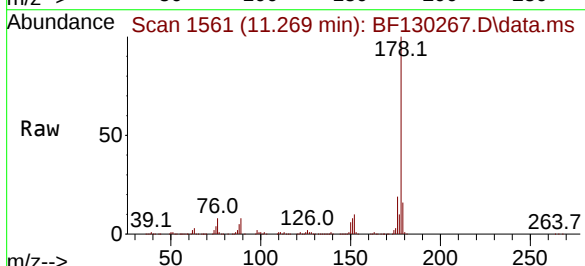
Tgt Ion:178 Resp: 992634

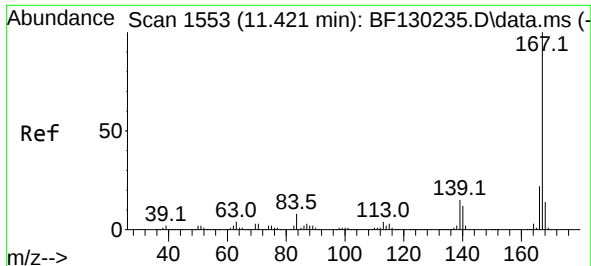
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 15.6 12.7 19.1

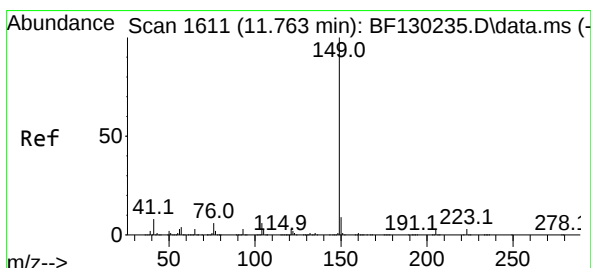
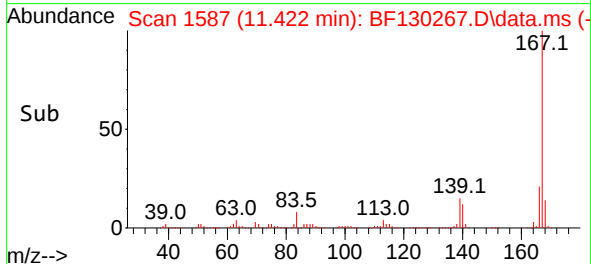
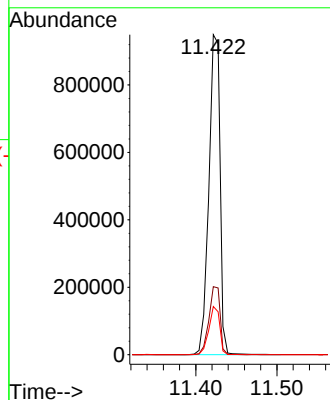
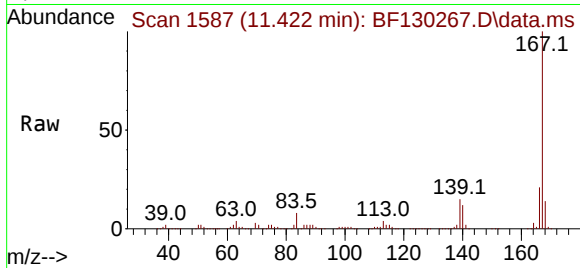




#73
 Carbazole
 Concen: 53.123 ng
 RT: 11.422 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

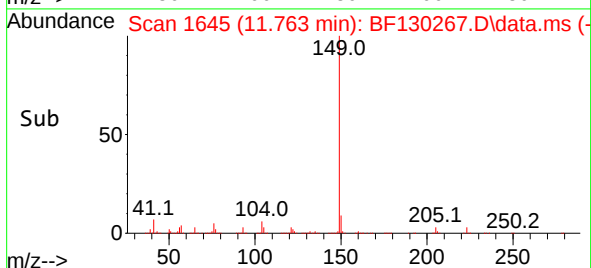
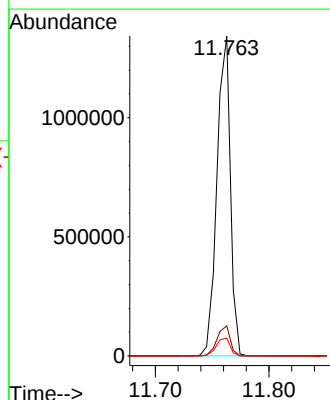
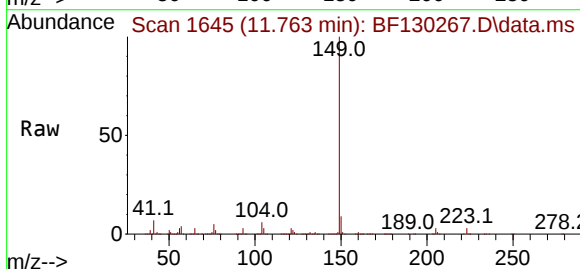
Instrument :
 BNA_F
 ClientSampleId :
 PB147629BS

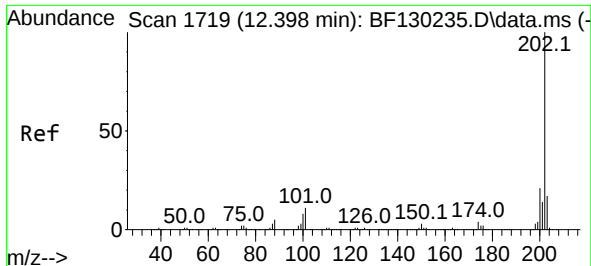
Tgt Ion:167 Resp: 905346
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 15.0 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 53.667 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

Tgt Ion:149 Resp: 1102930
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.6 4.8 7.2

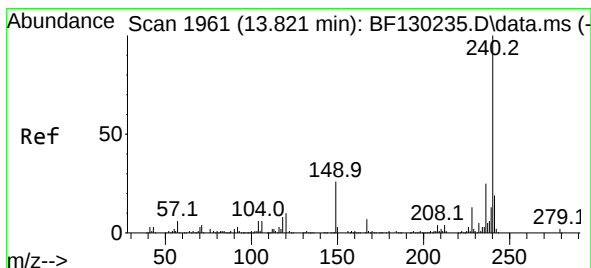
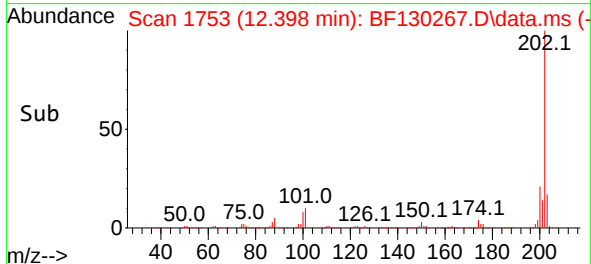
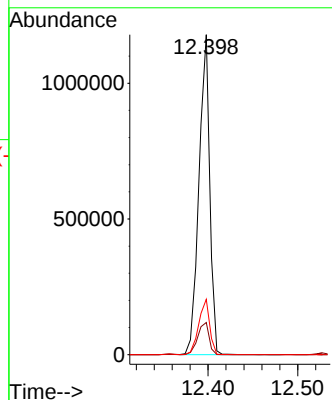
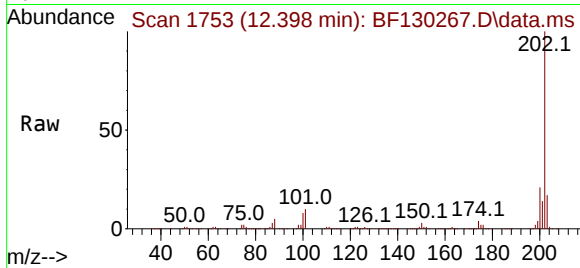




#75
Fluoranthene
Concen: 51.945 ng
RT: 12.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

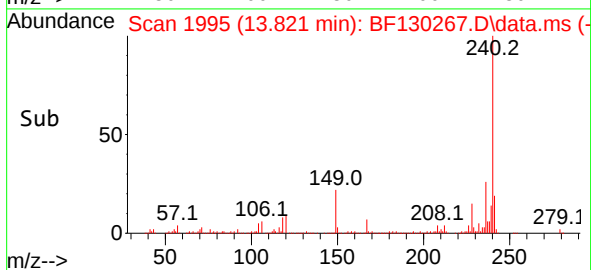
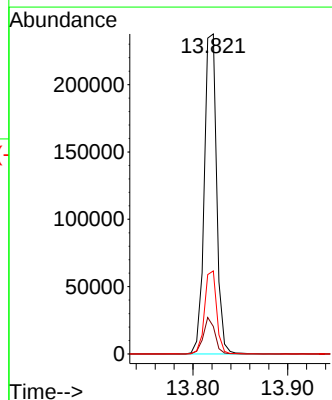
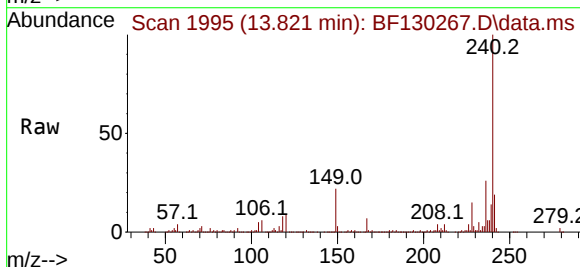
Instrument :
BNA_F
ClientSampleId :
PB147629BS

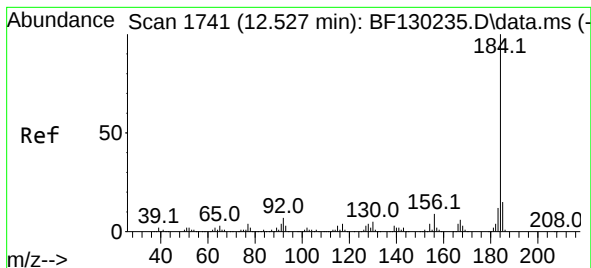
Tgt Ion:202 Resp: 982213
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.821 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:240 Resp: 214543
Ion Ratio Lower Upper
240 100
120 8.6 8.7 13.1#
236 26.0 20.9 31.3





#77

Benzidine

Concen: 91.306 ng

RT: 12.527 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

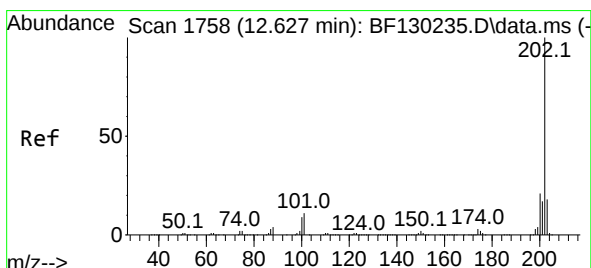
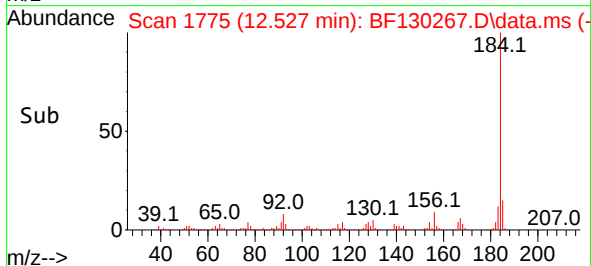
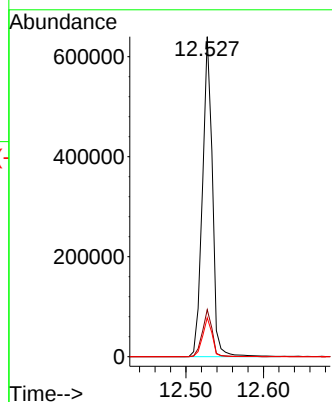
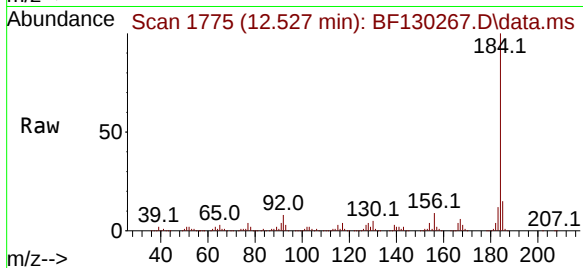
Tgt Ion:184 Resp: 568651

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 12.2 9.1 13.7



#78

Pyrene

Concen: 52.121 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

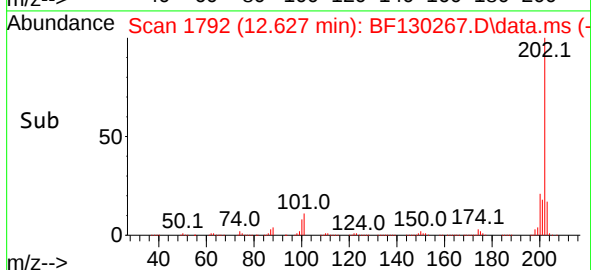
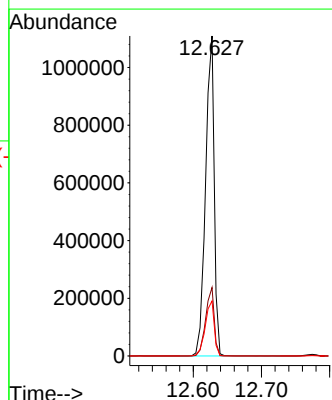
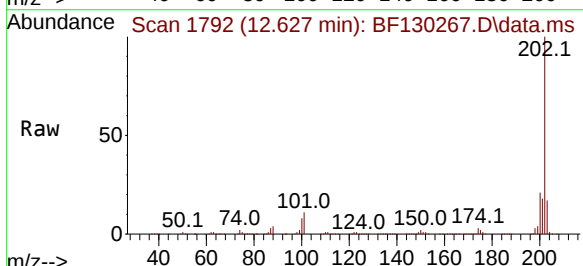
Tgt Ion:202 Resp: 978221

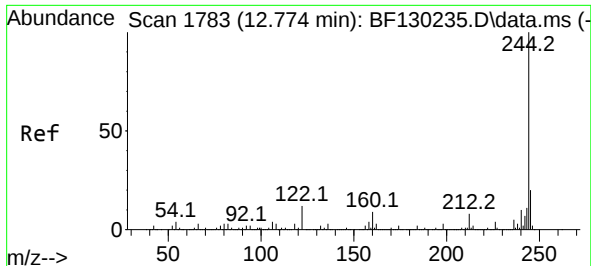
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.2 14.3 21.5

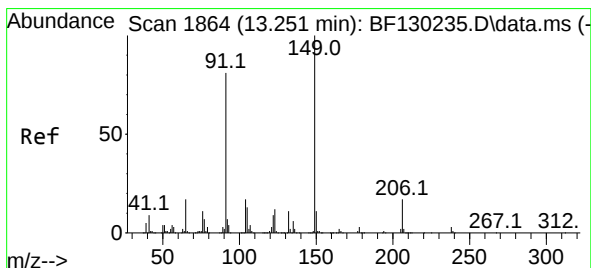
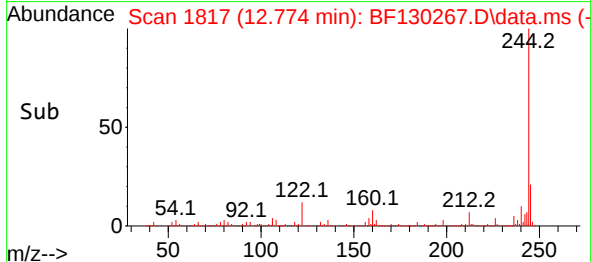
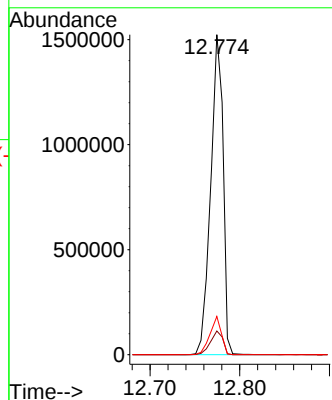
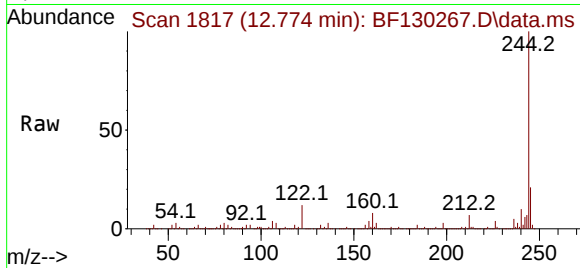




#79
 Terphenyl-d14
 Concen: 112.914 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

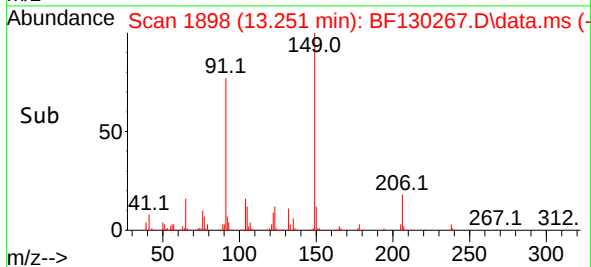
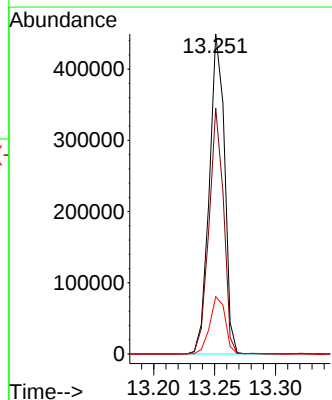
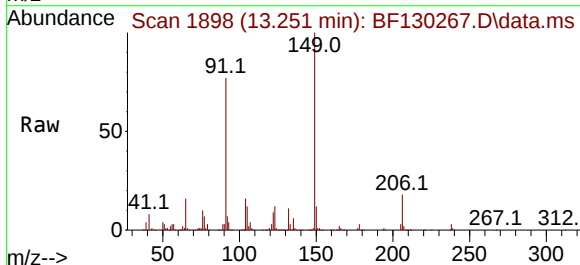
Instrument :
 BNA_F
 ClientSampleId :
 PB147629BS

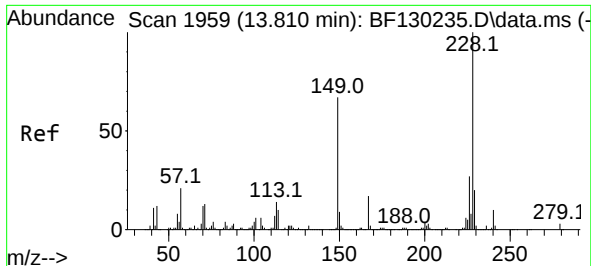
Tgt Ion:244 Resp: 1462419
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.9 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 55.951 ng
 RT: 13.251 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

Tgt Ion:149 Resp: 389025
 Ion Ratio Lower Upper
 149 100
 91 76.8 59.8 89.8
 206 17.9 13.9 20.9

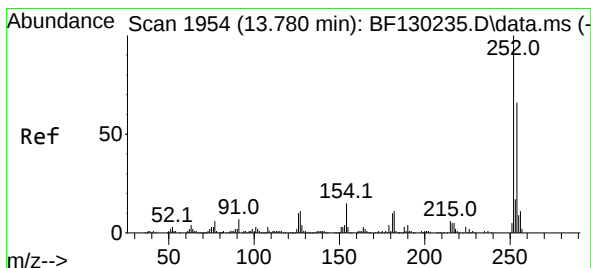
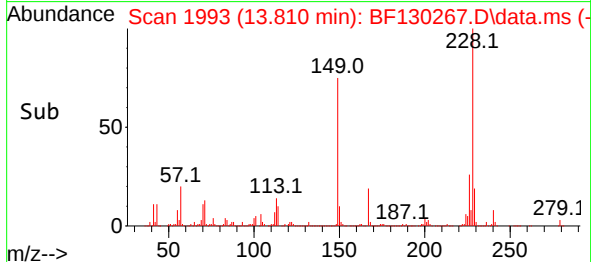
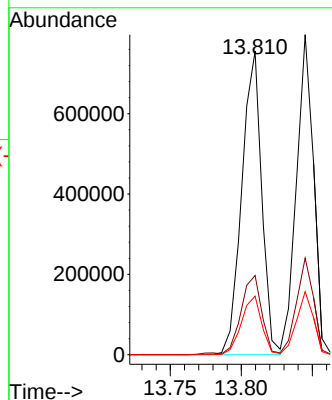
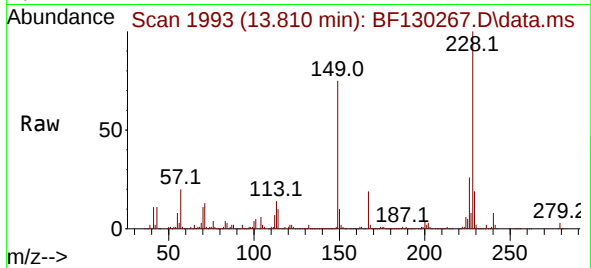




#81
Benzo(a)anthracene
Concen: 51.727 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

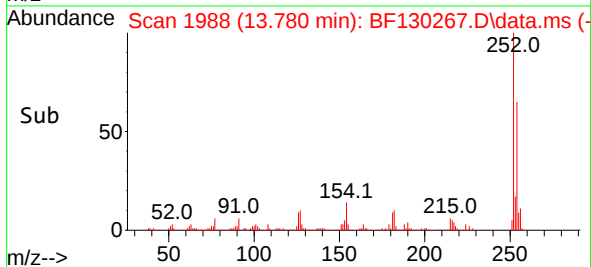
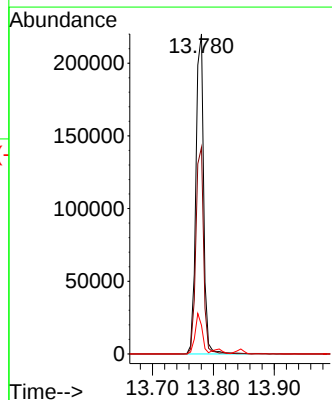
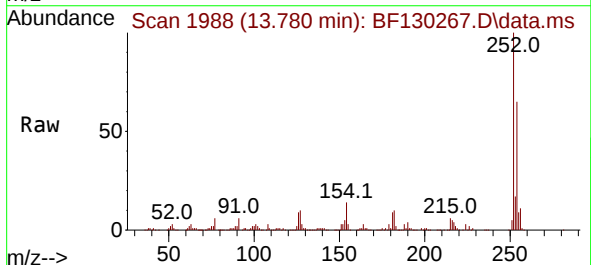
Instrument :
BNA_F
ClientSampleId :
PB147629BS

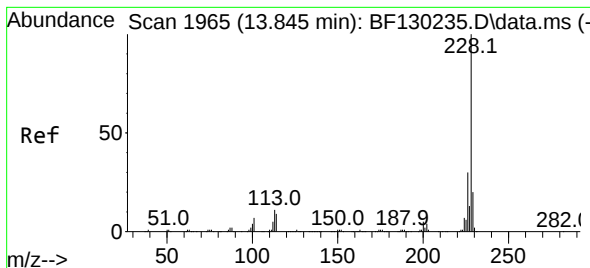
Tgt Ion:228 Resp: 738273
Ion Ratio Lower Upper
228 100
226 26.1 21.9 32.9
229 19.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 49.827 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:252 Resp: 193584
Ion Ratio Lower Upper
252 100
254 64.6 51.1 76.7
126 9.0 10.4 15.6#





#83

Chrysene

Concen: 49.165 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

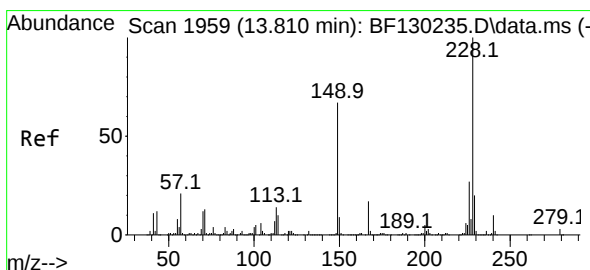
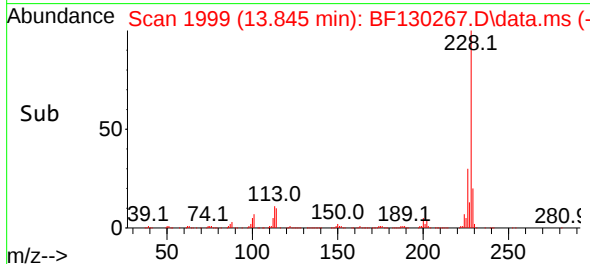
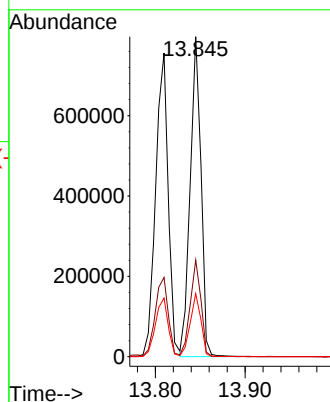
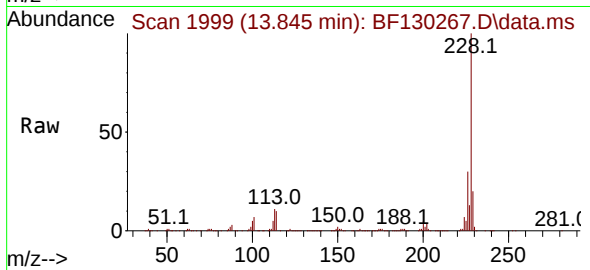
Tgt Ion:228 Resp: 666270

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.7 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.542 ng

RT: 13.810 min Scan# 1993

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

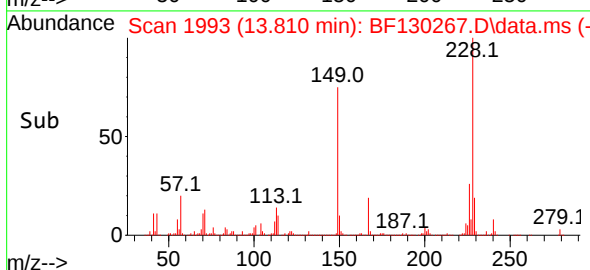
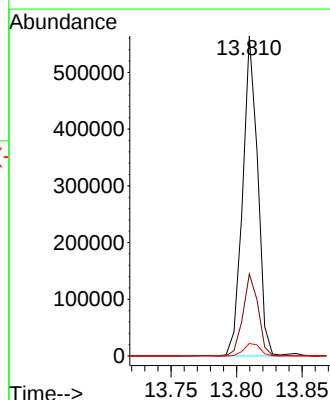
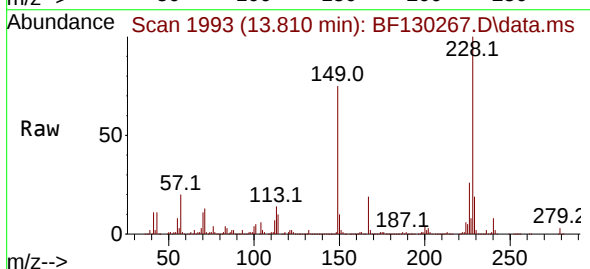
Tgt Ion:149 Resp: 450307

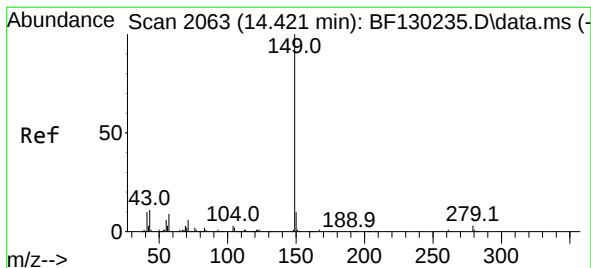
Ion Ratio Lower Upper

149 100

167 25.6 20.5 30.7

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 53.914 ng

RT: 14.421 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

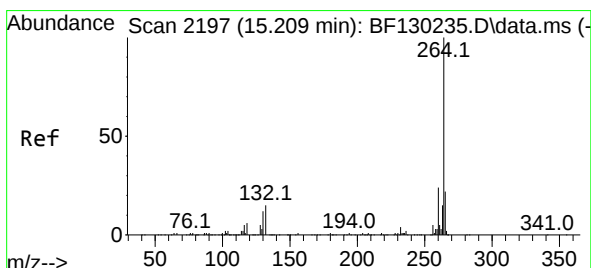
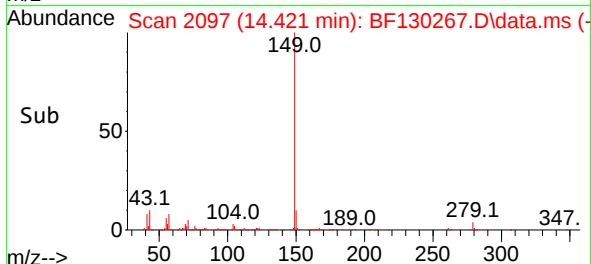
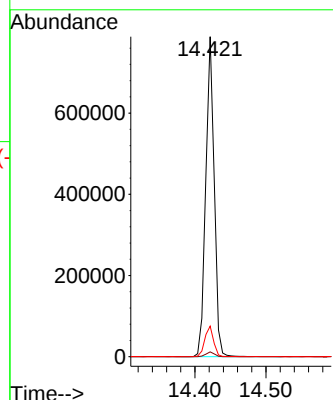
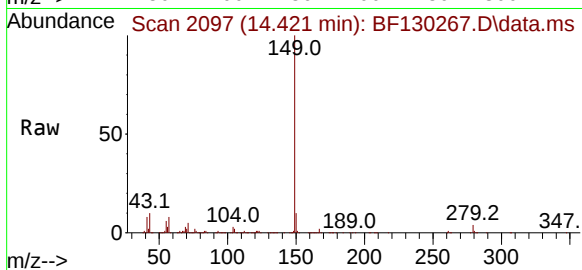
Tgt Ion:149 Resp: 656734

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.210 min Scan# 2231

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

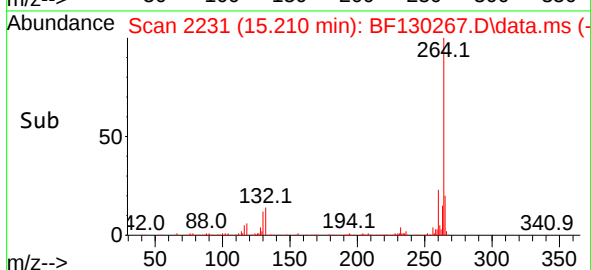
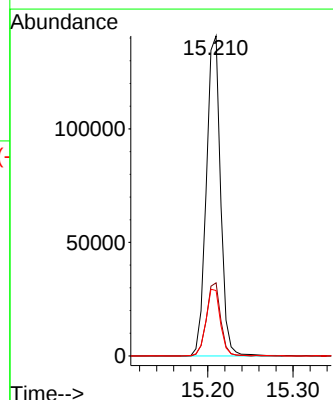
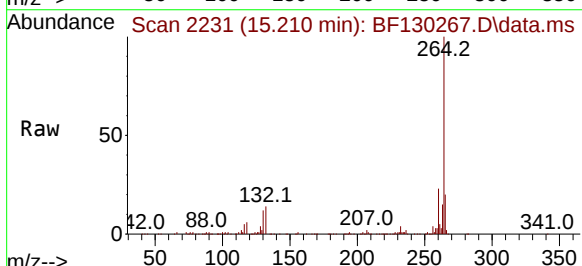
Tgt Ion:264 Resp: 162954

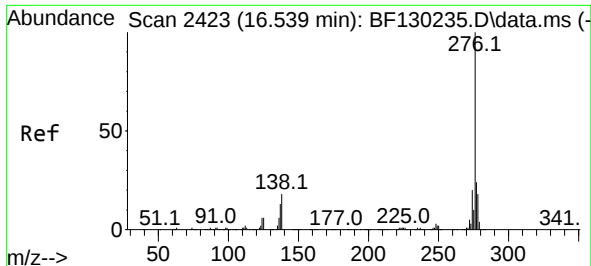
Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 20.4 17.0 25.4

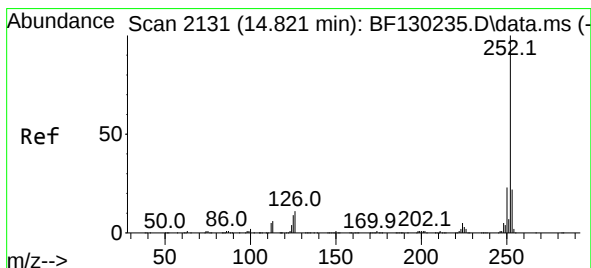
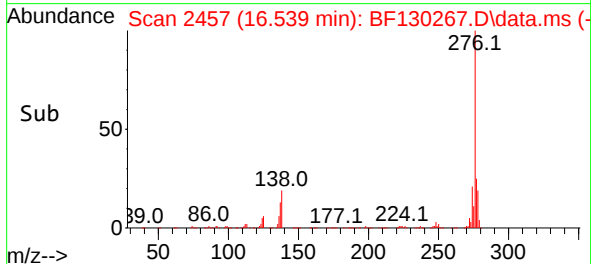
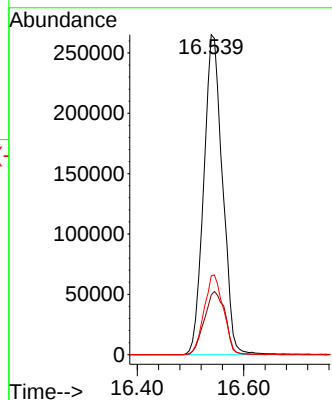
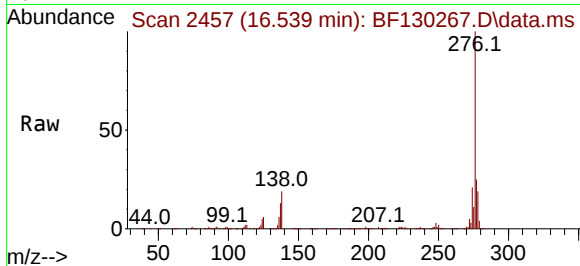




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.098 ng
 RT: 16.539 min Scan# 2423
 Delta R.T. 0.000 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

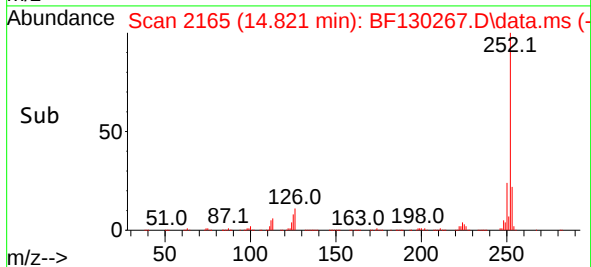
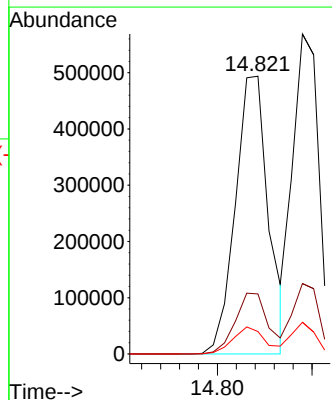
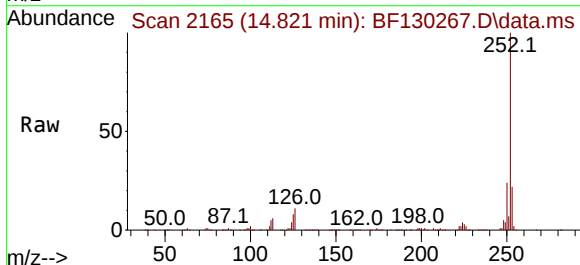
Instrument :
 BNA_F
 ClientSampleId :
 PB147629BS

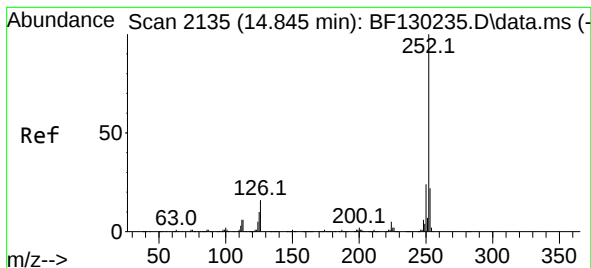
Tgt Ion:276 Resp: 648255
 Ion Ratio Lower Upper
 276 100
 138 22.0 18.5 27.7
 277 25.8 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 56.463 ng
 RT: 14.821 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: BF130267.D
 Acq: 15 Sep 2022 12:40

Tgt Ion:252 Resp: 600541
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 8.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 52.956 ng

RT: 14.845 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB147629BS

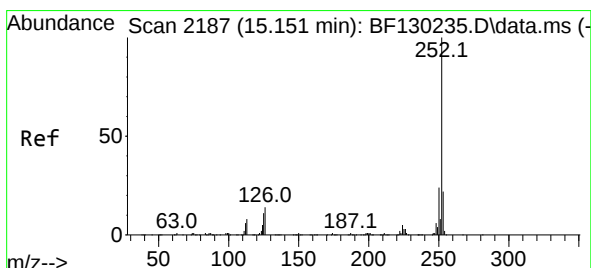
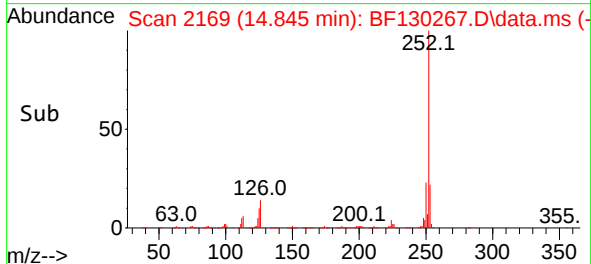
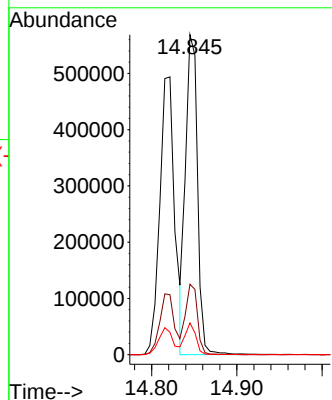
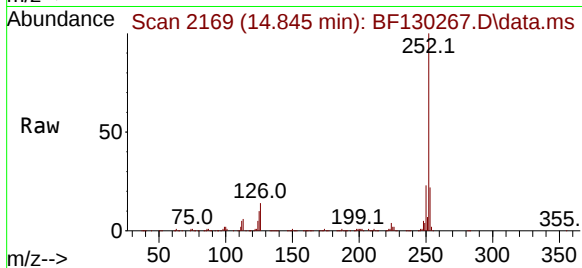
Tgt Ion:252 Resp: 554056

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.9 7.9 11.9



#90

Benzo(a)pyrene

Concen: 59.423 ng

RT: 15.151 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF130267.D

Acq: 15 Sep 2022 12:40

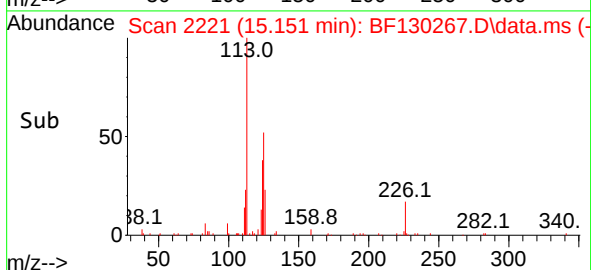
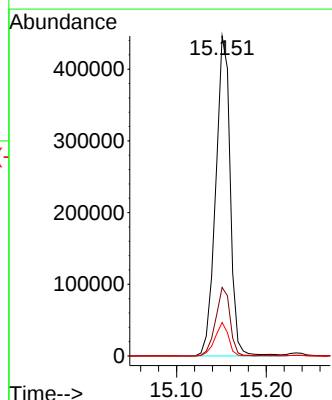
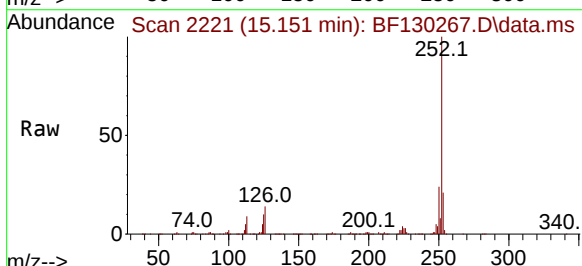
Tgt Ion:252 Resp: 500712

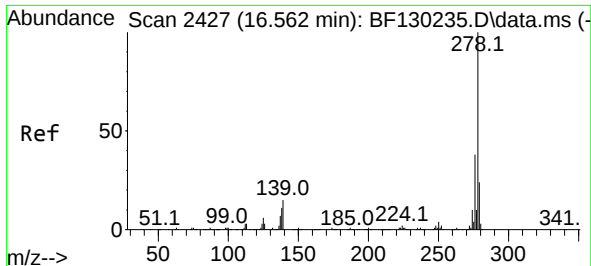
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 10.4 9.0 13.6

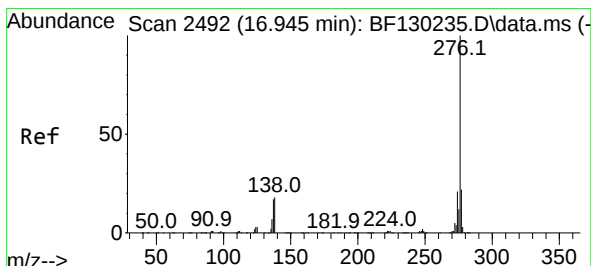
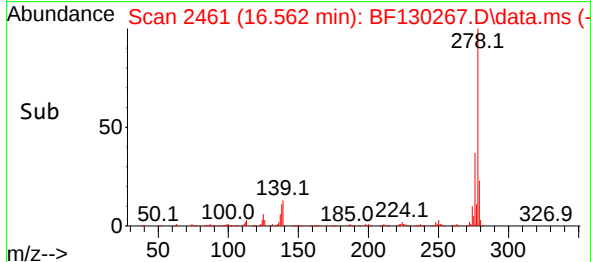
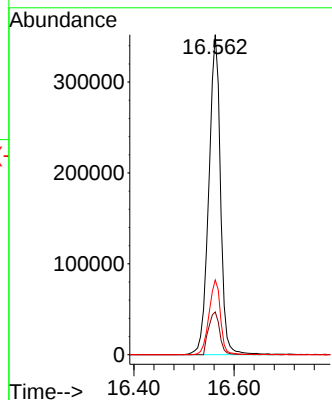
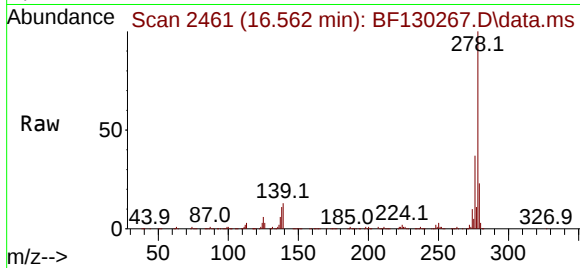




#91
Dibenzo(a,h)anthracene
Concen: 60.149 ng
RT: 16.562 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Instrument :
BNA_F
ClientSampleId :
PB147629BS

Tgt Ion:278 Resp: 570203
Ion Ratio Lower Upper
278 100
139 13.4 11.8 17.8
279 23.4 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 58.370 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF130267.D
Acq: 15 Sep 2022 12:40

Tgt Ion:276 Resp: 557404
Ion Ratio Lower Upper
276 100
277 23.4 18.6 27.8
138 17.3 14.6 21.8

