

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135943.D
 Acq On : 25 Oct 2023 15:09
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 16:27:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 16:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	166485	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	647478	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	322304	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	599589	20.000	ng	0.00
76) Chrysene-d12	14.010	240	321974	20.000	ng	0.00
86) Perylene-d12	15.492	264	348060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1677041	155.547	ng	0.00
7) Phenol-d6	6.469	99	2089680	155.683	ng	0.01
23) Nitrobenzene-d5	7.398	82	1736650	163.807	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	510618	180.999	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2825764	140.388	ng	0.00
79) Terphenyl-d14	12.957	244	3207945	166.465	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	407507	81.366	ng	100
3) Pyridine	3.387	79	1134294	82.055	ng	99
4) n-Nitrosodimethylamine	3.369	42	497457	82.531	ng	99
6) Aniline	6.504	93	1410383	78.221	ng	98
8) 2-Chlorophenol	6.616	128	863258	77.343	ng	99
9) Benzaldehyde	6.381	77	494810	68.147	ng	96
10) Phenol	6.487	94	1177374	84.111	ng	89
11) bis(2-Chloroethyl)ether	6.575	93	840790	76.978	ng	97
12) 1,3-Dichlorobenzene	6.769	146	908821	76.659	ng	98
13) 1,4-Dichlorobenzene	6.845	146	901712	75.732	ng	97
14) 1,2-Dichlorobenzene	7.004	146	819908	74.155	ng	99
15) Benzyl Alcohol	6.975	79	714092	75.257	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1216526	75.630	ng	98
17) 2-Methylphenol	7.081	107	778649	79.154	ng	98
18) Hexachloroethane	7.340	117	319423	78.896	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	601131	78.756	ng	97
20) 3+4-Methylphenols	7.240	107	855215	72.033	ng	# 89
22) Acetophenone	7.245	105	1087691	74.378	ng	# 99
24) Nitrobenzene	7.416	77	895159	81.575	ng	97
25) Isophorone	7.657	82	1681716	82.170	ng	99
26) 2-Nitrophenol	7.728	139	379450	77.110	ng	98
27) 2,4-Dimethylphenol	7.769	122	753796	80.812	ng	100
28) bis(2-Chloroethoxy)met...	7.869	93	993937	79.086	ng	98
29) 2,4-Dichlorophenol	7.969	162	702166	84.064	ng	96
30) 1,2,4-Trichlorobenzene	8.051	180	743852	78.654	ng	100
31) Naphthalene	8.134	128	2366634	75.602	ng	99
32) Benzoic acid	7.916	122	390707	68.003	ng	91
33) 4-Chloroaniline	8.181	127	1080068	78.063	ng	99
34) Hexachlorobutadiene	8.245	225	417885	78.395	ng	98
35) Caprolactam	8.581	113	205847	74.056	ng	98
36) 4-Chloro-3-methylphenol	8.663	107	739692	83.332	ng	98
37) 2-Methylnaphthalene	8.822	142	1569492	75.778	ng	98
38) 1-Methylnaphthalene	8.922	142	1461040	75.493	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	701554	77.067	ng	100
41) Hexachlorocyclopentadiene	8.975	237	412605	91.922	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	471623	88.518	ng	99

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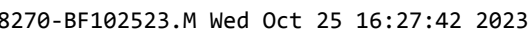
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 BNA_F
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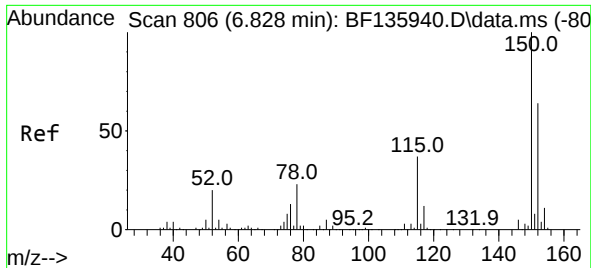
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 16:25:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	539909	85.348	ng	99
46) 1,1'-Biphenyl	9.292	154	1807465	74.010	ng	99
47) 2-Chloronaphthalene	9.316	162	1384209	76.628	ng	97
48) 2-Nitroaniline	9.410	65	450697	79.820	ng	99
49) Acenaphthylene	9.733	152	2162956	75.899	ng	98
50) Dimethylphthalate	9.604	163	1641686	78.545	ng	99
51) 2,6-Dinitrotoluene	9.657	165	370675	81.741	ng	91
52) Acenaphthene	9.904	154	1426879	78.128	ng	99
53) 3-Nitroaniline	9.828	138	441950	81.698	ng	97
54) 2,4-Dinitrophenol	9.928	184	131568	80.012	ng	# 88
55) Dibenzofuran	10.075	168	1983480	75.176	ng	99
56) 4-Nitrophenol	9.981	139	342640	81.165	ng	95
57) 2,4-Dinitrotoluene	10.063	165	464131	81.854	ng	98
58) Fluorene	10.422	166	1420040	71.939	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	420716	88.381	ng	99
60) Diethylphthalate	10.298	149	1563249	78.432	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	680061	71.421	ng	98
62) 4-Nitroaniline	10.451	138	440283	82.102	ng	97
63) Azobenzene	10.575	77	1557284	76.992	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	207000	79.765	ng	98
66) n-Nitrosodiphenylamine	10.539	169	1398963	77.233	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	489739	79.756	ng	97
68) Hexachlorobenzene	10.963	284	516765	78.781	ng	96
69) Atrazine	11.069	200	359838	72.873	ng	99
70) Pentachlorophenol	11.157	266	337509	81.093	ng	98
71) Phenanthrene	11.386	178	2281491	75.210	ng	99
72) Anthracene	11.439	178	2307965	74.305	ng	99
73) Carbazole	11.592	167	2108952	76.115	ng	99
74) Di-n-butylphthalate	11.933	149	2294716	77.829	ng	100
75) Fluoranthene	12.574	202	2389998	74.890	ng	97
77) Benzidine	12.698	184	403031	64.917	ng	96
78) Pyrene	12.810	202	2403873	88.919	ng	99
80) Butylbenzylphthalate	13.439	149	863917	81.643	ng	96
81) Benzo(a)anthracene	13.998	228	1784318	81.504	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	547529	82.206	ng	98
83) Chrysene	14.039	228	1761550	82.615	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	960076	86.363	ng	100
85) Di-n-octyl phthalate	14.627	149	1598787	91.296	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	1938902	98.241	ng	99
88) Benzo(b)fluoranthene	15.063	252	1662131	80.242	ng	100
89) Benzo(k)fluoranthene	15.092	252	1607811	79.033	ng	100
90) Benzo(a)pyrene	15.433	252	1609997	84.334	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	1584257	93.846	ng	99
92) Benzo(g,h,i)perylene	17.480	276	1653427	83.157	ng	99

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

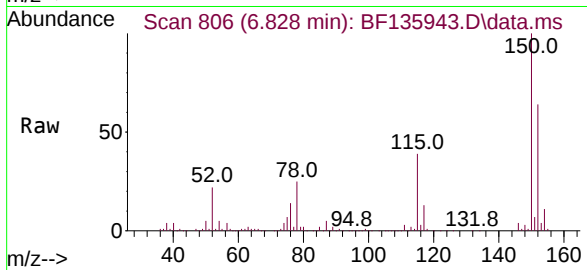
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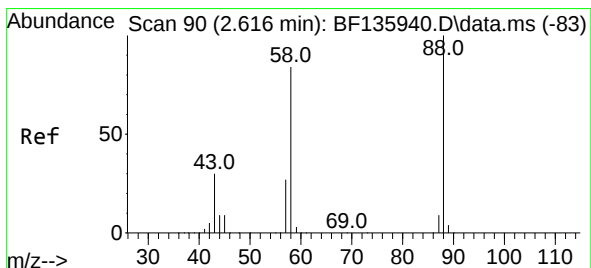
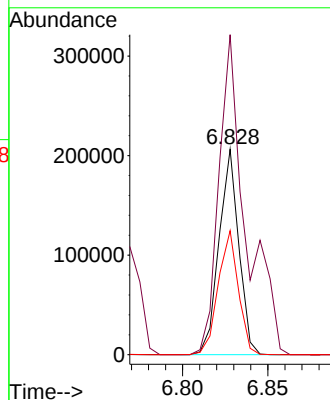
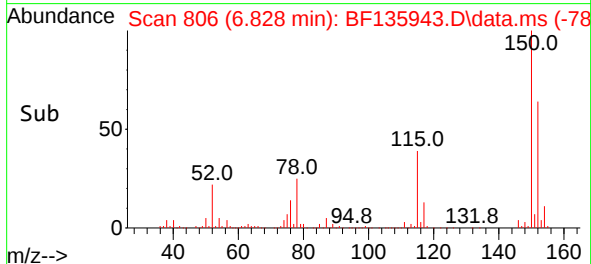


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09

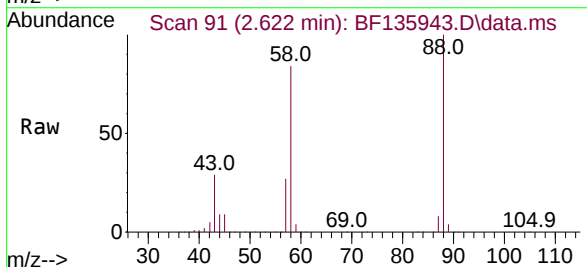
Instrument :
 BNA_F
 ClientSampleId :



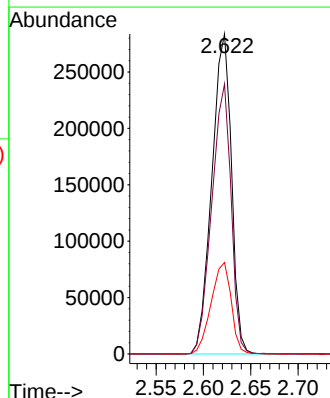
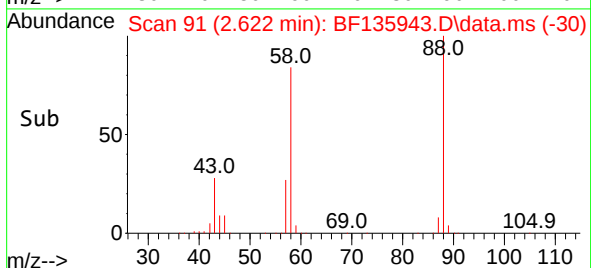
Tgt Ion:152 Resp: 166485
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 60.4 46.6 69.8

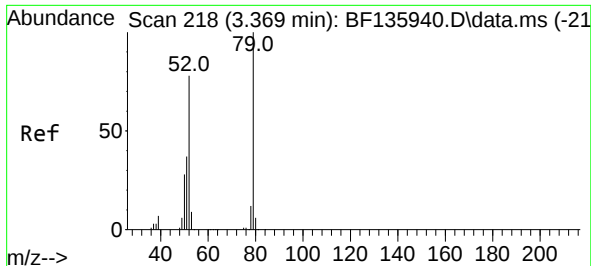


#2
 1,4-Dioxane
 Concen: 81.366 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09



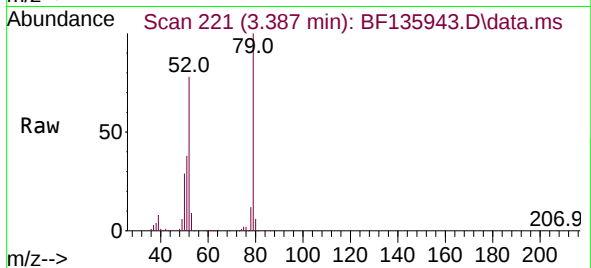
Tgt Ion: 88 Resp: 407507
 Ion Ratio Lower Upper
 88 100
 58 83.2 66.6 100.0
 43 29.4 23.8 35.8





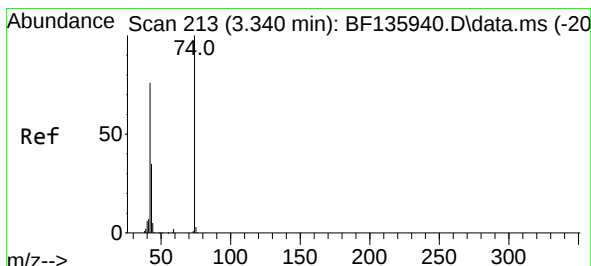
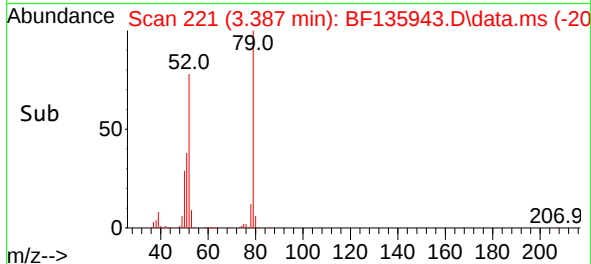
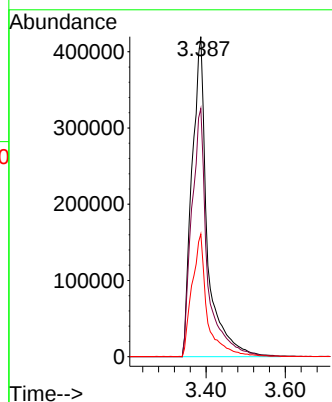
#3
 Pyridine
 Concen: 82.055 ng
 RT: 3.387 min Scan# 218
 Delta R.T. 0.018 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 79 Resp: 1134294

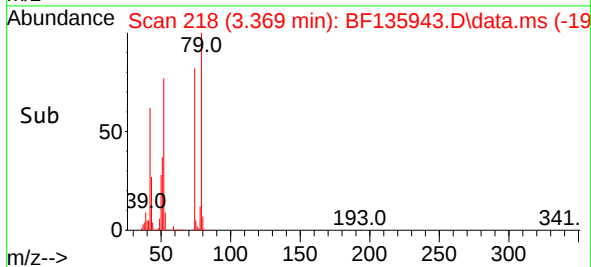
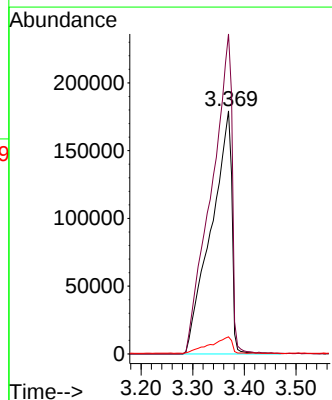
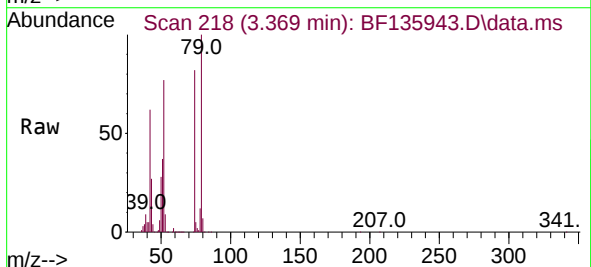
Ion	Ratio	Lower	Upper
79	100		
52	77.6	62.6	93.8
51	38.4	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 82.531 ng
 RT: 3.369 min Scan# 218
 Delta R.T. 0.030 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09

Tgt Ion: 42 Resp: 497457

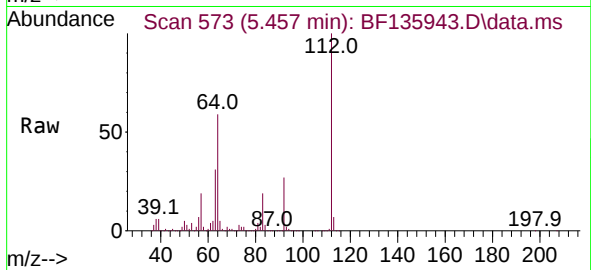
Ion	Ratio	Lower	Upper
42	100		
74	131.7	104.8	157.2
44	7.1	5.9	8.9



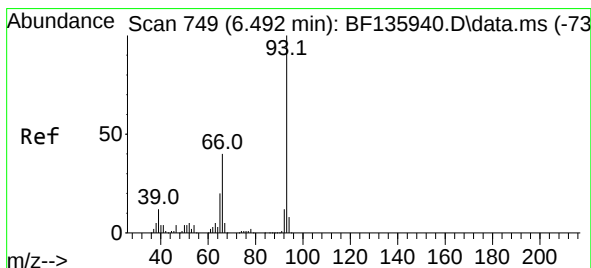
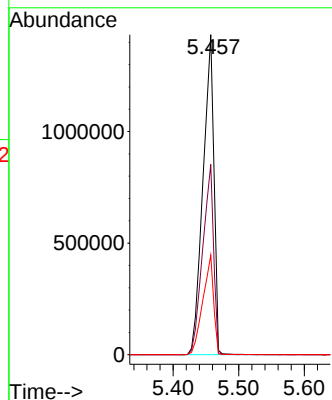
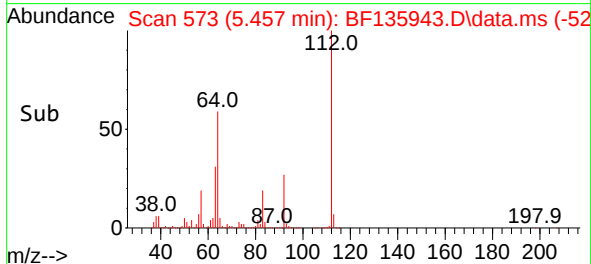


#5
2-Fluorophenol
Concen: 155.547 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Instrument :
BNA_F
ClientSampleId :

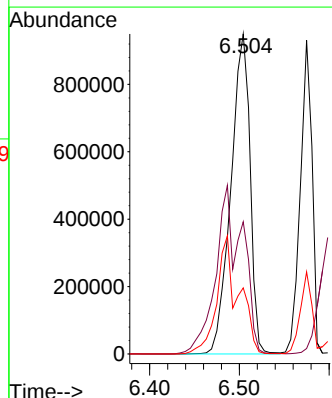
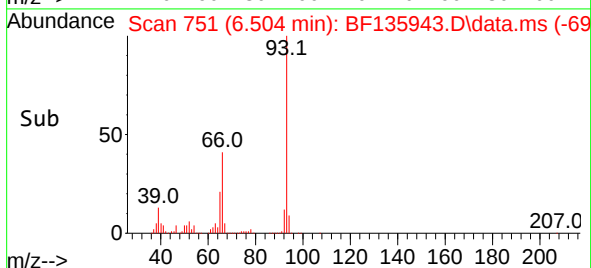
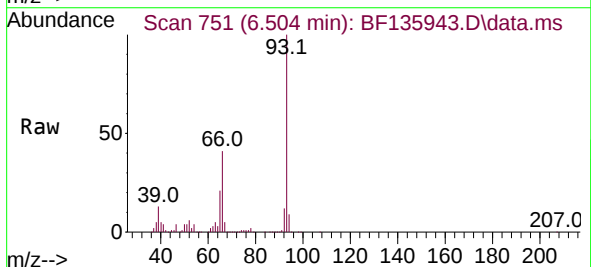


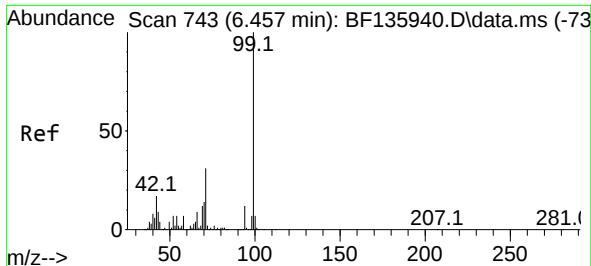
Tgt Ion:112 Resp: 1677041
Ion Ratio Lower Upper
112 100
64 59.5 45.1 67.7
63 31.1 23.0 34.4



#6
Aniline
Concen: 78.221 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion: 93 Resp: 1410383
Ion Ratio Lower Upper
93 100
66 41.3 32.0 48.0
65 20.6 16.2 24.4

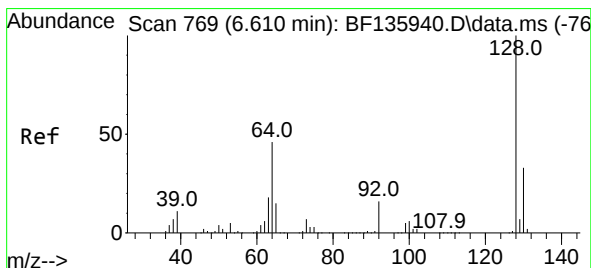
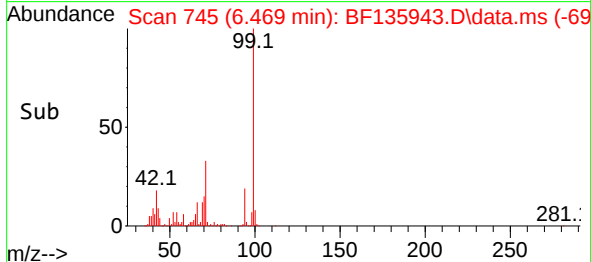
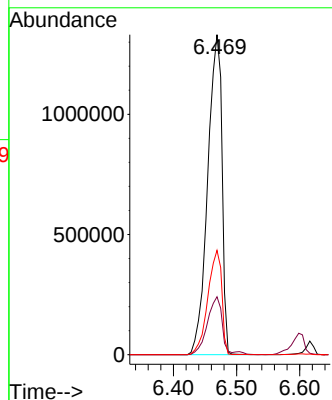
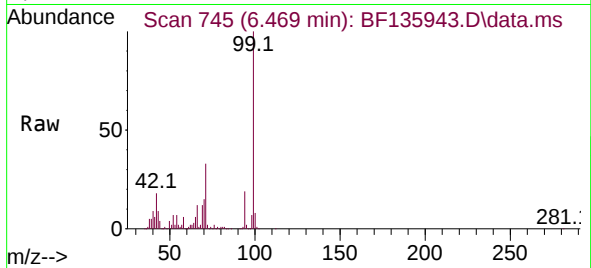




#7
Phenol-d6
Concen: 155.683 ng
RT: 6.469 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

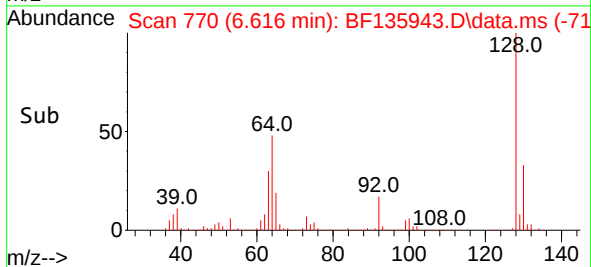
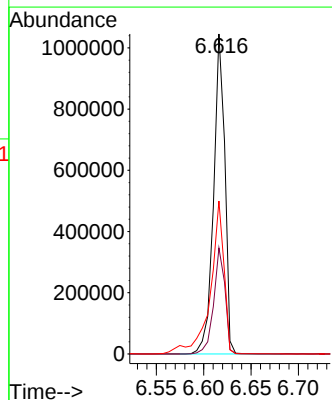
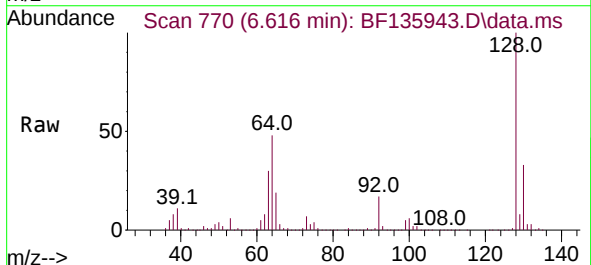
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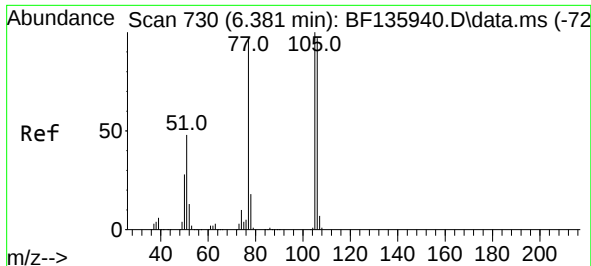
Tgt Ion: 99 Resp: 2089680
Ion Ratio Lower Upper
99 100
42 18.1 13.8 20.8
71 32.6 25.1 37.7



#8
2-Chlorophenol
Concen: 77.343 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion: 128 Resp: 863258
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 47.8 27.0 67.0





#9

Benzaldehyde

Concen: 68.147 ng

RT: 6.381 min Scan# 71

Delta R.T. -0.000 min

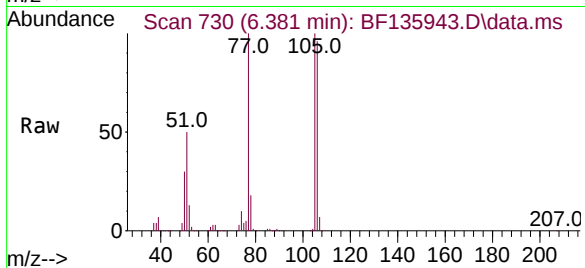
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Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :



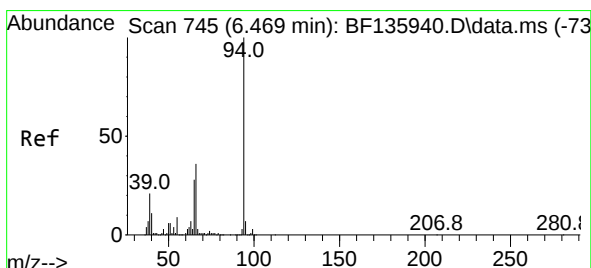
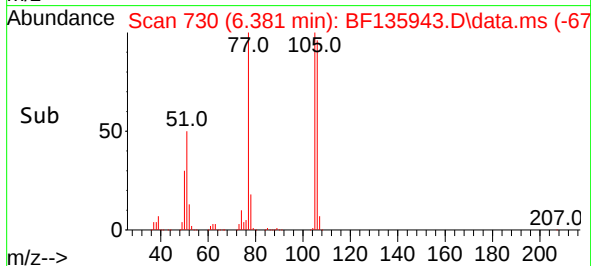
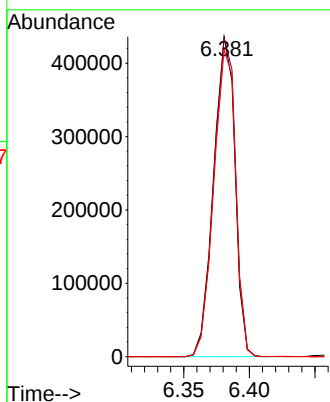
Tgt Ion: 77 Resp: 494810

Ion Ratio Lower Upper

77 100

105 99.6 83.2 123.2

106 95.9 80.0 120.0



#10

Phenol

Concen: 84.111 ng

RT: 6.487 min Scan# 748

Delta R.T. 0.018 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

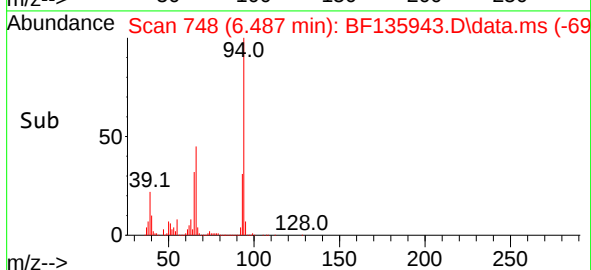
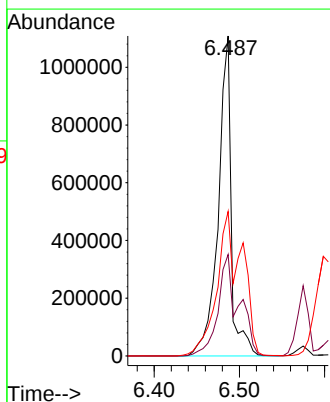
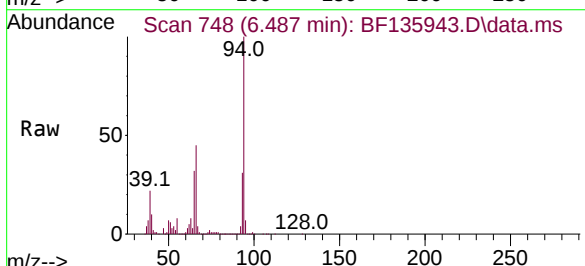
Tgt Ion: 94 Resp: 1177374

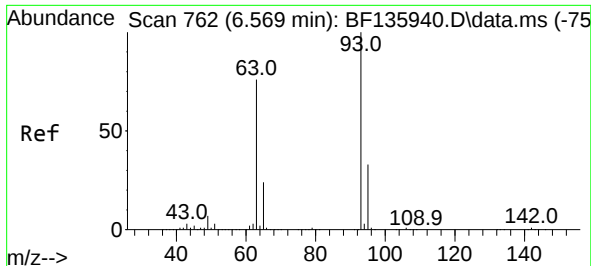
Ion Ratio Lower Upper

94 100

65 31.7 7.8 47.8

66 45.1 16.5 56.5

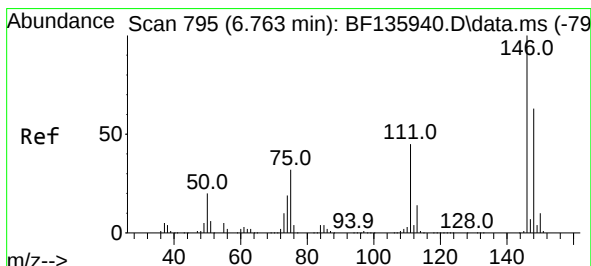
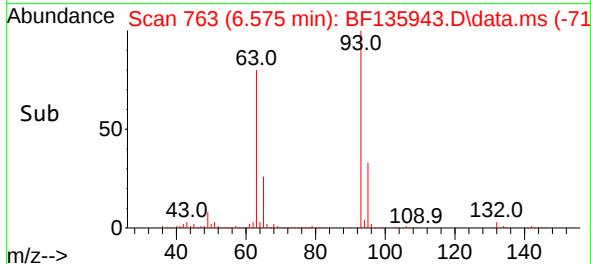
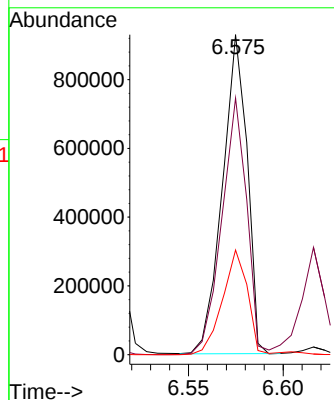
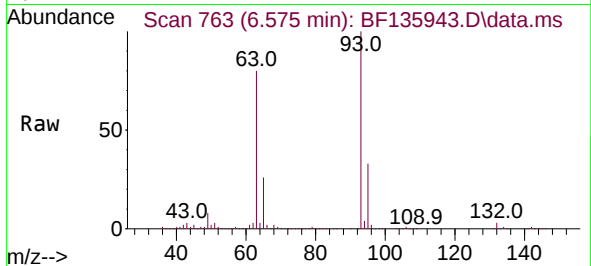




#11
bis(2-Chloroethyl)ether
Concen: 76.978 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

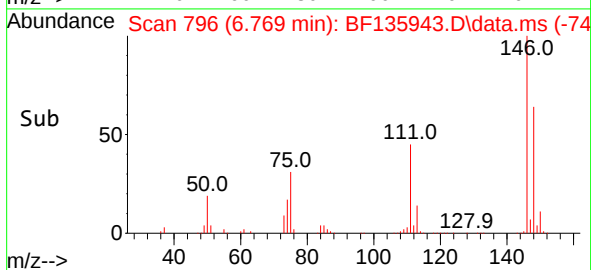
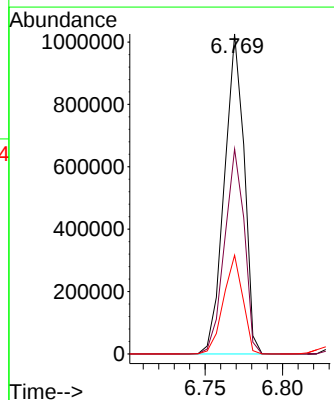
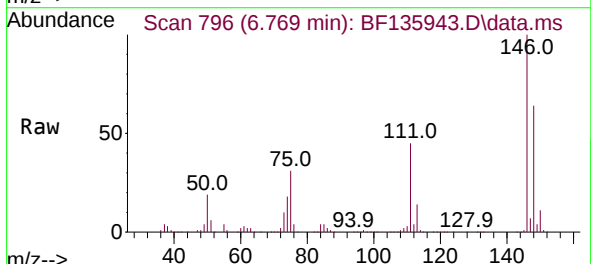
Instrument :
BNA_F
ClientSampleId :

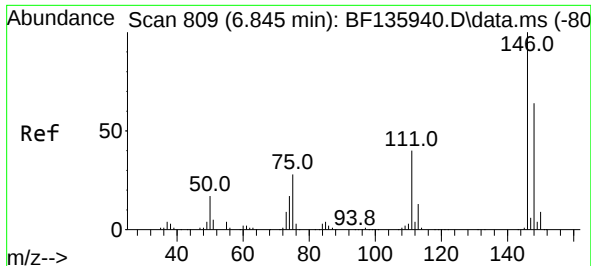
Tgt Ion: 93 Resp: 840790
Ion Ratio Lower Upper
93 100
63 80.2 56.2 96.2
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 76.659 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:146 Resp: 908821
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.4
75 30.8 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 75.732 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

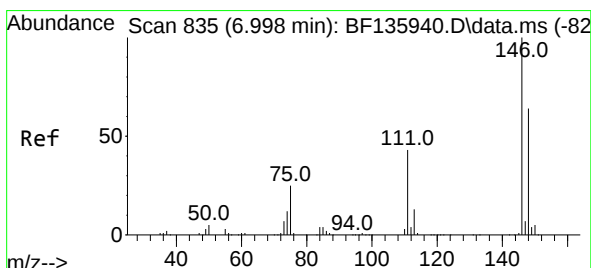
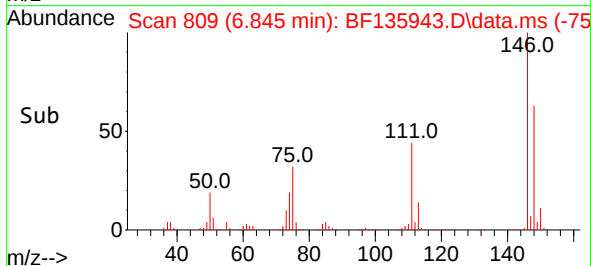
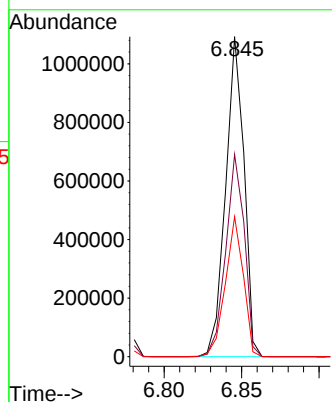
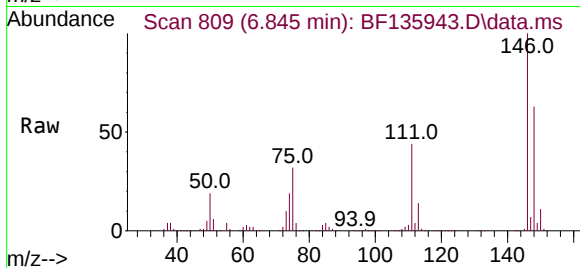
Tgt Ion:146 Resp: 901712

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

111 43.8 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 74.155 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

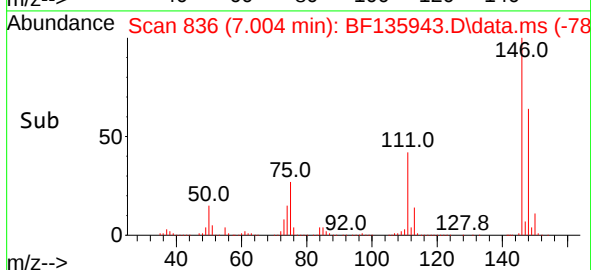
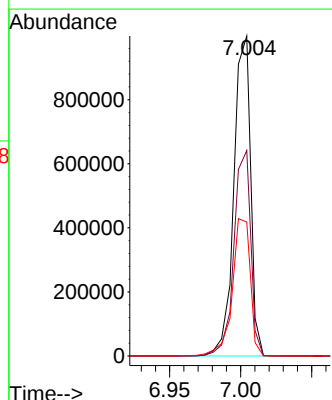
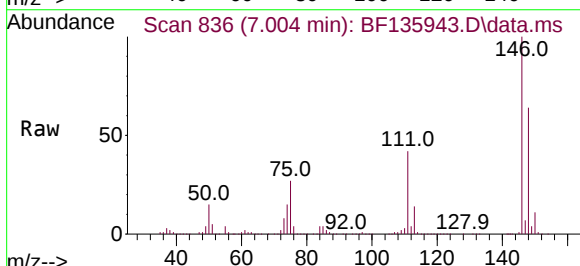
Tgt Ion:146 Resp: 819908

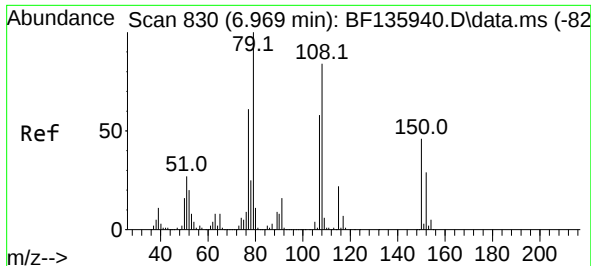
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 41.8 34.2 51.4

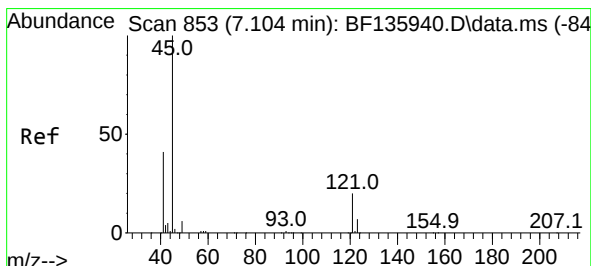
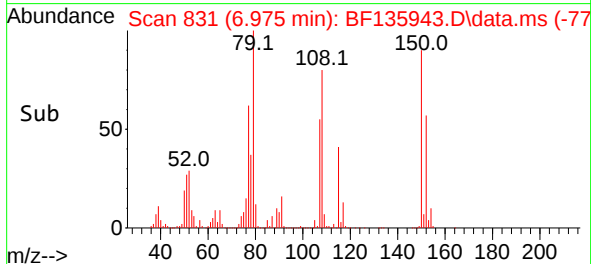
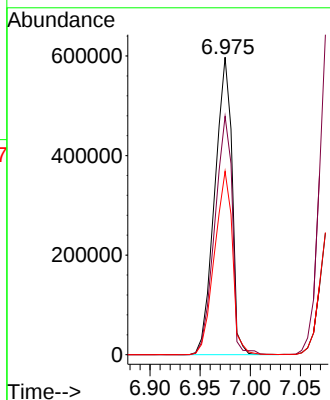
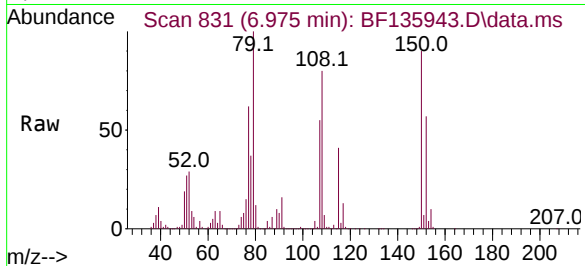




#15
Benzyl Alcohol
Concen: 75.257 ng
RT: 6.975 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

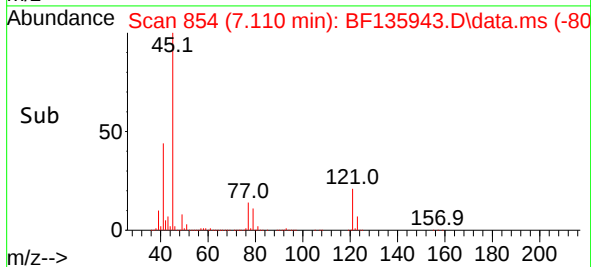
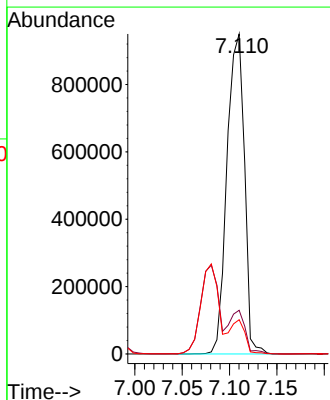
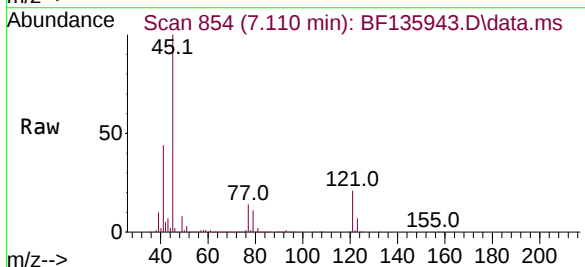
Instrument :
BNA_F
ClientSampleId :

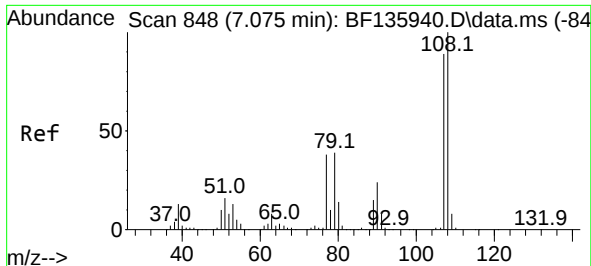
Tgt Ion: 79 Resp: 714092
Ion Ratio Lower Upper
79 100
108 80.1 67.2 100.8
77 61.6 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.630 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

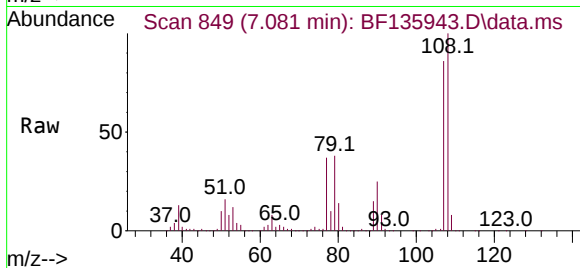
Tgt Ion: 45 Resp: 1216526
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.2
79 10.7 0.0 29.8





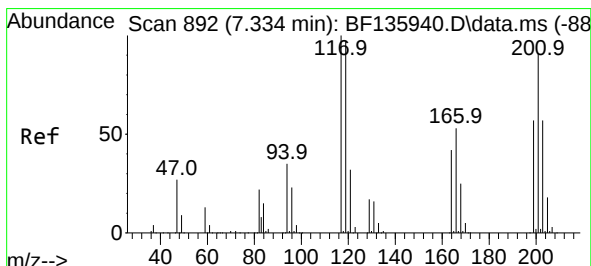
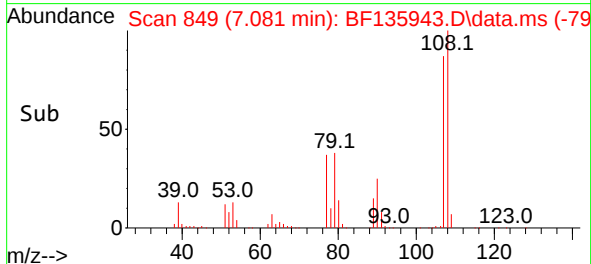
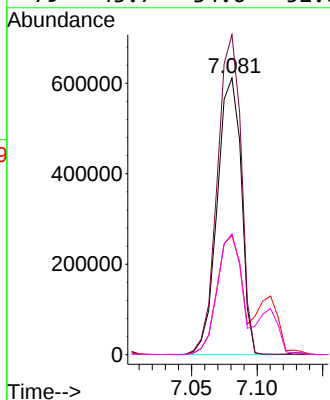
#17
2-Methylphenol
Concen: 79.154 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:107 Resp: 778649

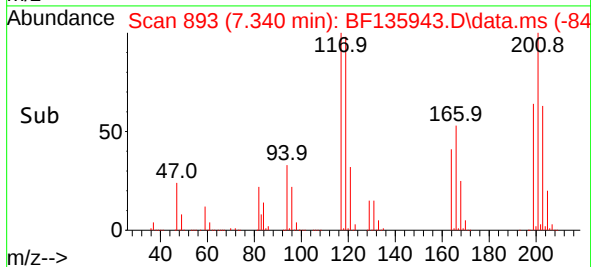
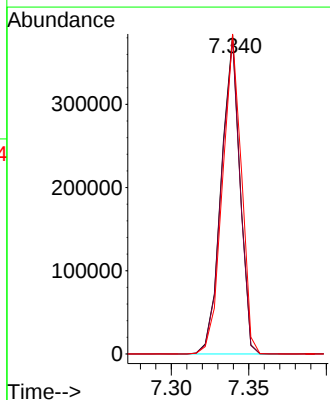
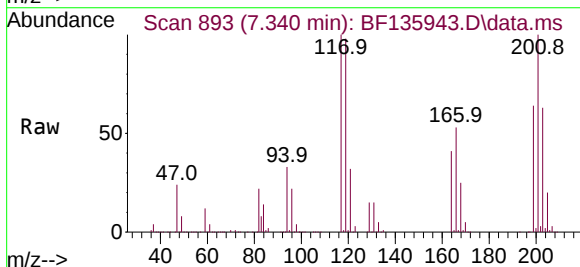
Ion	Ratio	Lower	Upper
107	100		
108	115.7	89.8	134.6
77	43.1	34.2	51.2
79	43.7	34.6	52.0

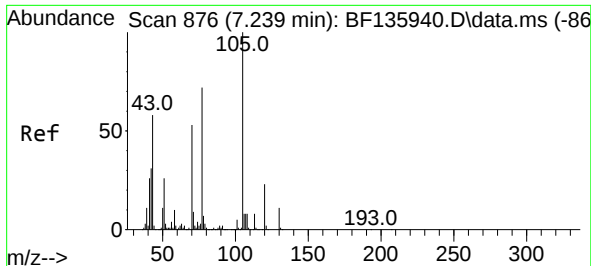


#18
Hexachloroethane
Concen: 78.896 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:117 Resp: 319423

Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.3	115.9
201	100.3	72.8	109.2

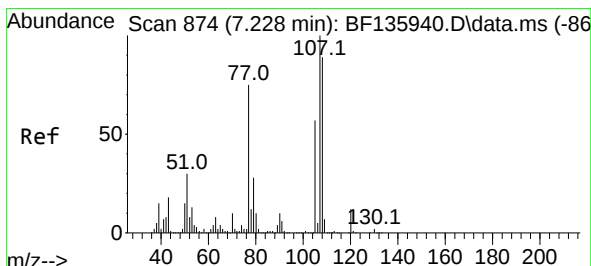
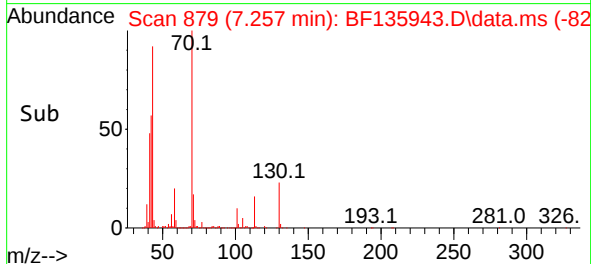
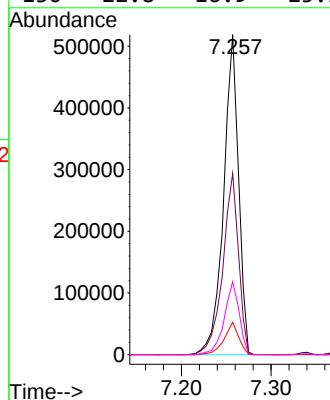
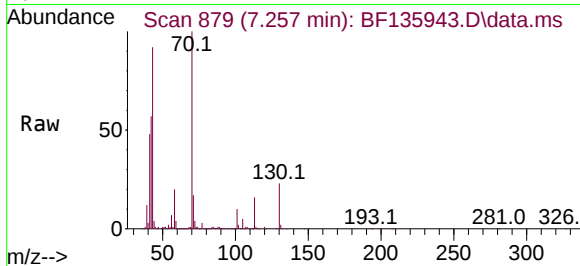




#19
n-Nitroso-di-n-propylamine
Concen: 78.756 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

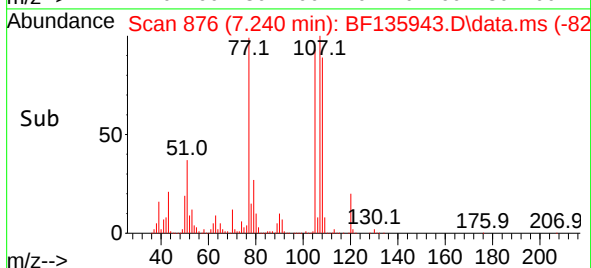
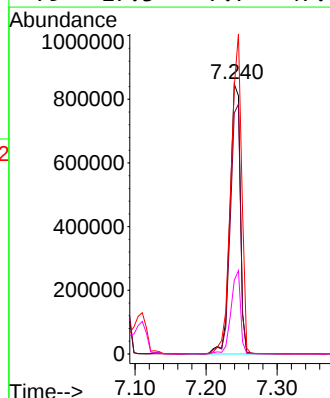
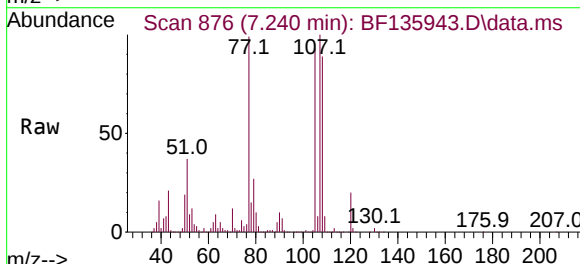
Instrument :
BNA_F
ClientSampleId :

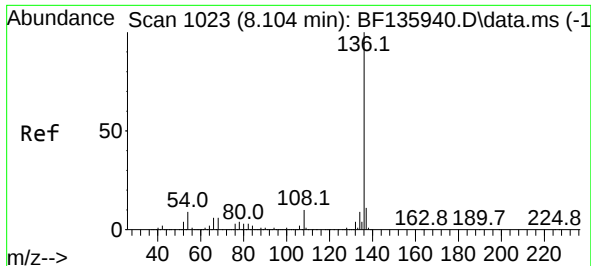
Tgt Ion: 70 Resp: 601131
Ion Ratio Lower Upper
70 100
42 56.7 47.3 70.9
101 10.2 7.8 11.8
130 22.8 16.9 25.3



#20
3+4-Methylphenols
Concen: 72.033 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion: 107 Resp: 855215
Ion Ratio Lower Upper
107 100
108 89.3 69.1 109.1
77 99.2 55.0 95.0#
79 27.3 7.7 47.7



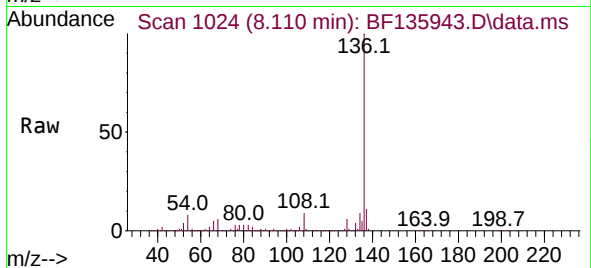


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

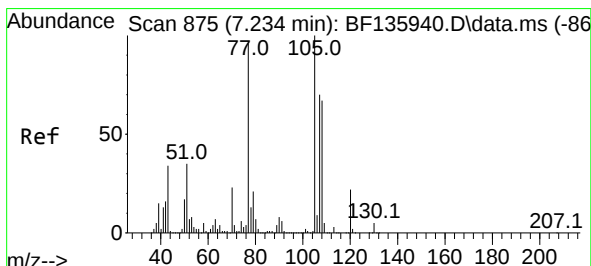
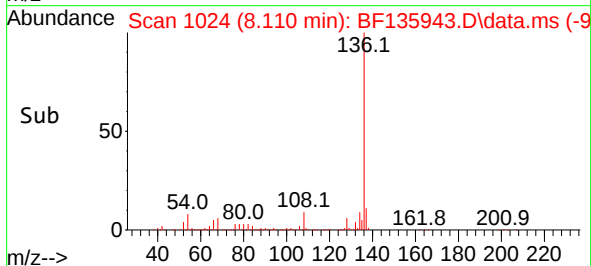
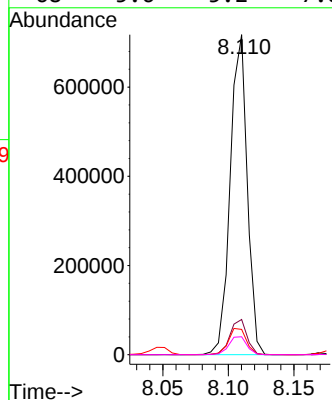
Instrument :

BNA_F

ClientSampleId :

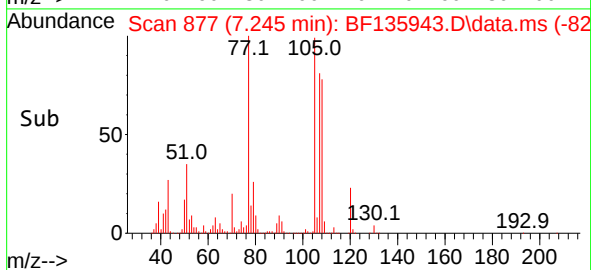
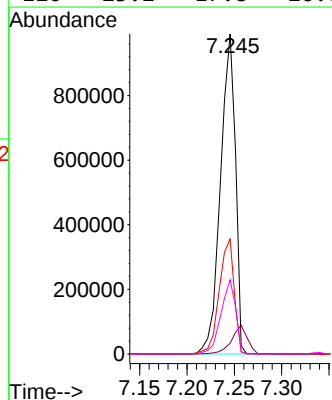
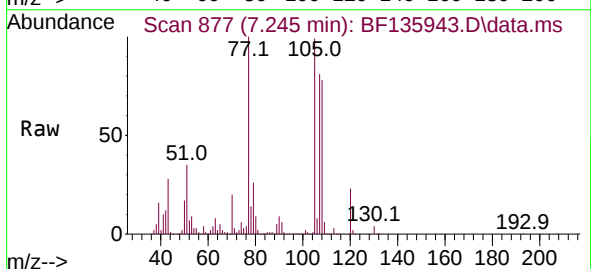


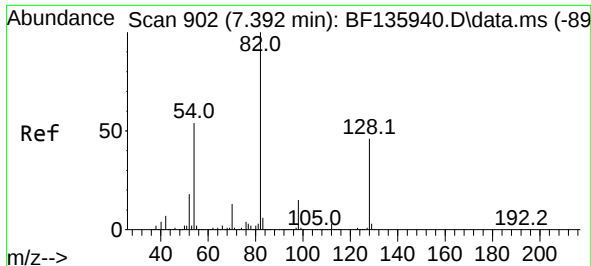
Tgt Ion:136 Resp: 647478
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.9 7.1 10.7
68 5.6 5.2 7.8



#22
Acetophenone
Concen: 74.378 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:105 Resp: 1087691
Ion Ratio Lower Upper
105 100
71 3.4 3.4 5.2#
51 35.9 28.4 42.6
120 23.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 163.807 ng

RT: 7.398 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

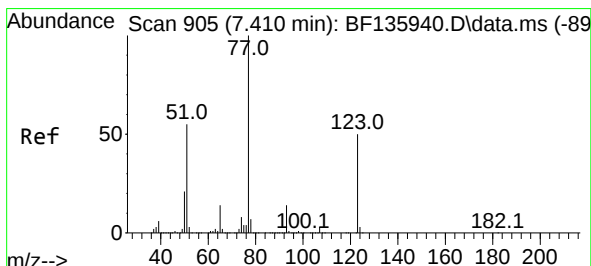
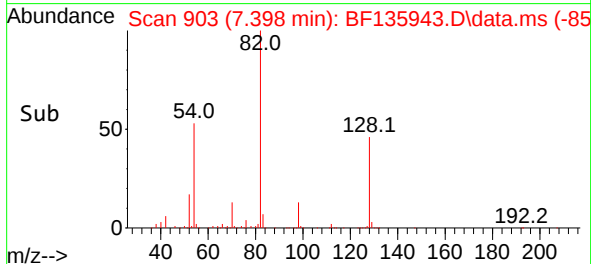
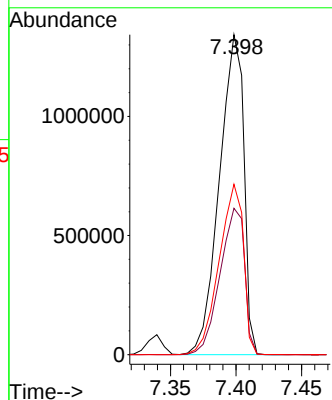
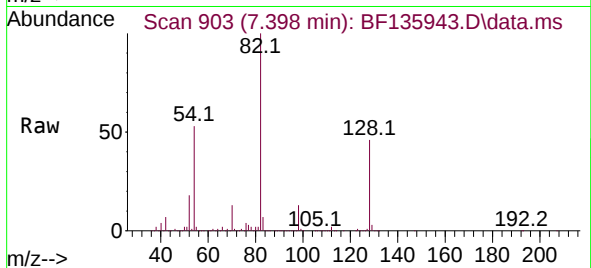
Tgt Ion: 82 Resp: 1736650

Ion Ratio Lower Upper

82 100

128 45.8 36.8 55.2

54 53.3 43.4 65.0



#24

Nitrobenzene

Concen: 81.575 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

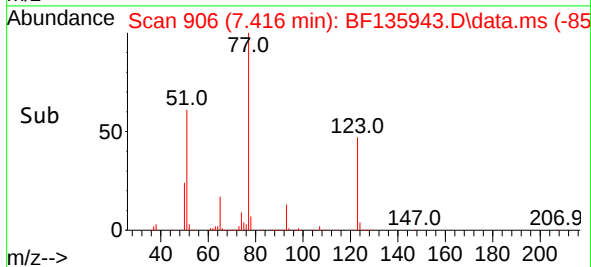
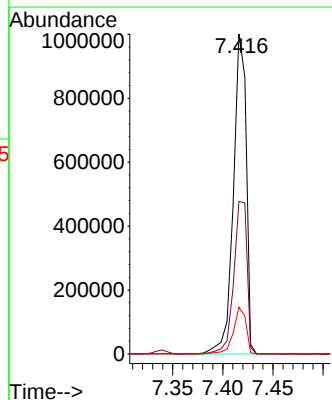
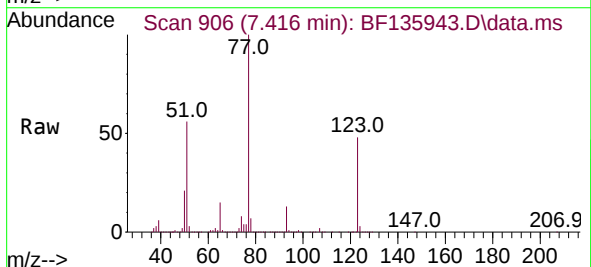
Tgt Ion: 77 Resp: 895159

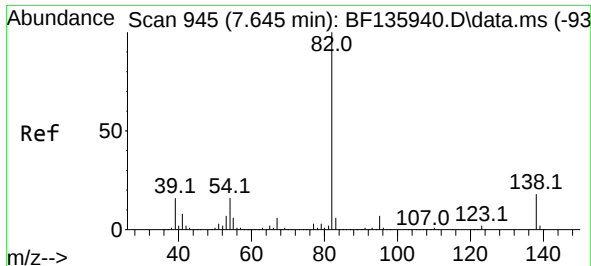
Ion Ratio Lower Upper

77 100

123 47.7 40.2 60.2

65 14.6 11.0 16.4

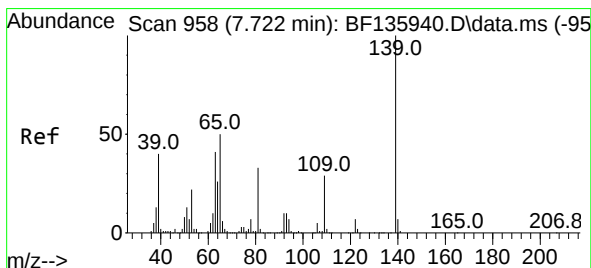
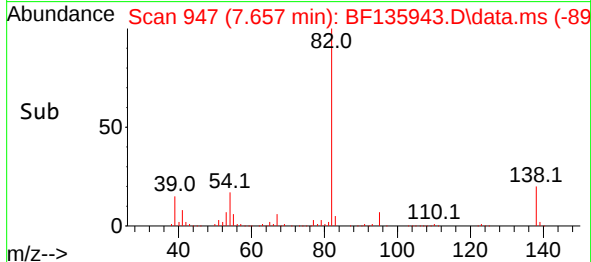
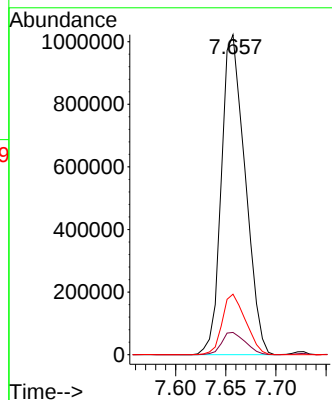
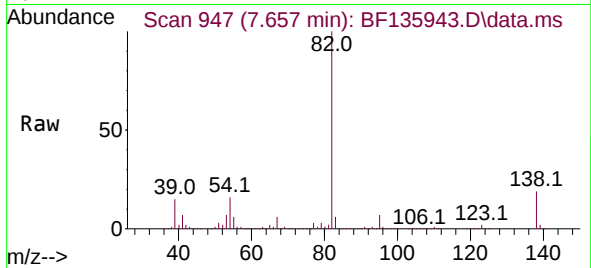




#25
Isophorone
Concen: 82.170 ng
RT: 7.657 min Scan# 945
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

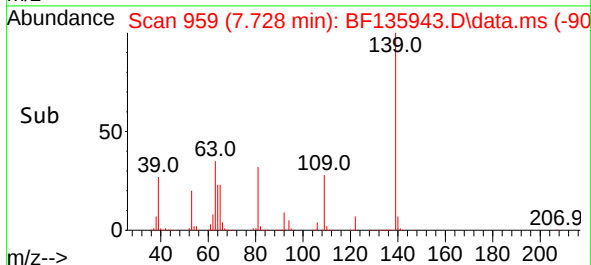
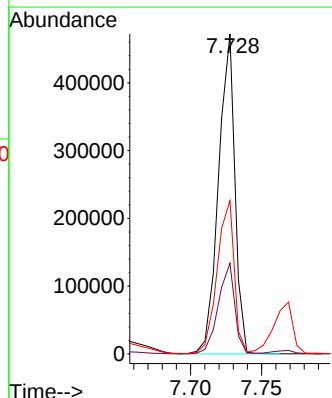
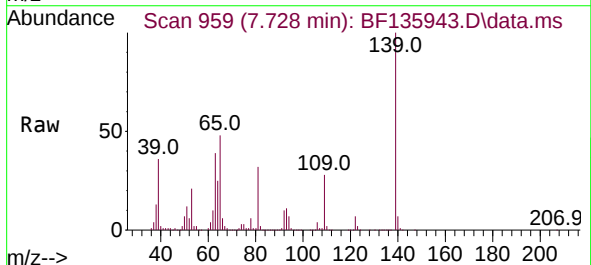
Instrument :
BNA_F
ClientSampleId :

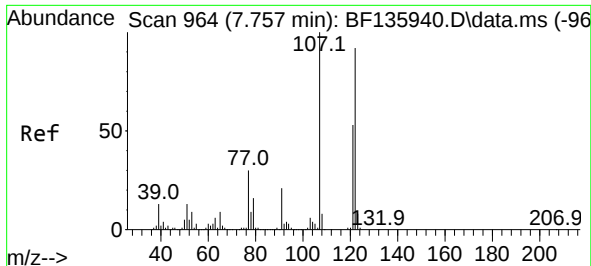
Tgt Ion: 82 Resp: 1681716
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.9 14.8 22.2



#26
2-Nitrophenol
Concen: 77.110 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion: 139 Resp: 379450
Ion Ratio Lower Upper
139 100
109 28.4 23.1 34.7
65 47.9 39.8 59.8

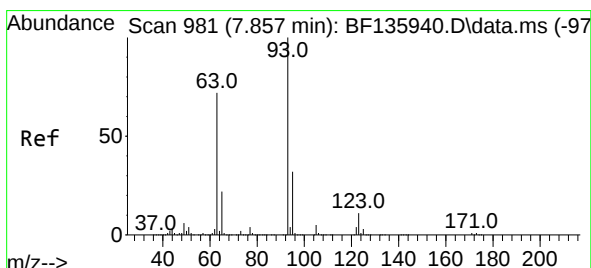
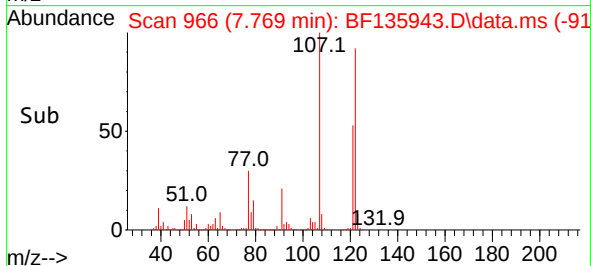
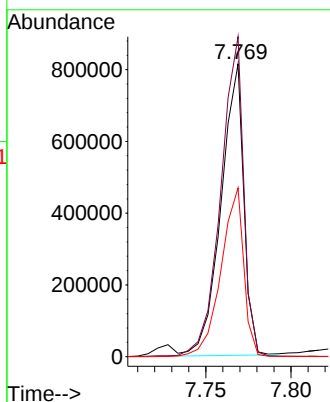
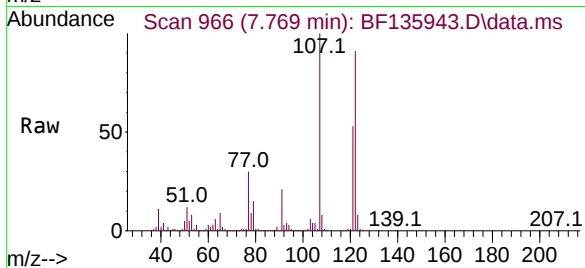




#27
2,4-Dimethylphenol
Concen: 80.812 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

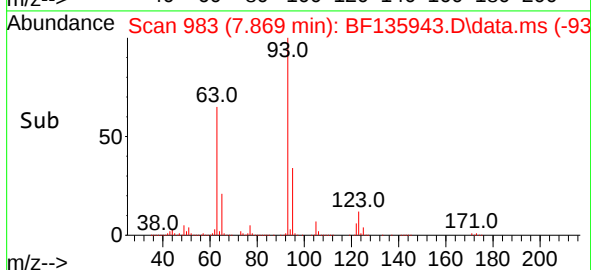
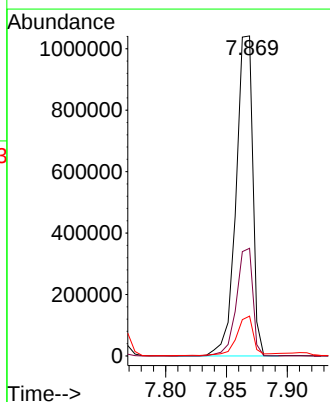
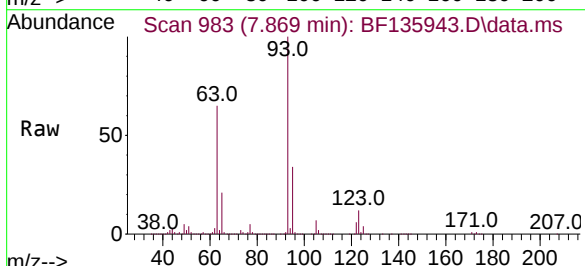
Instrument :
BNA_F
ClientSampleId :

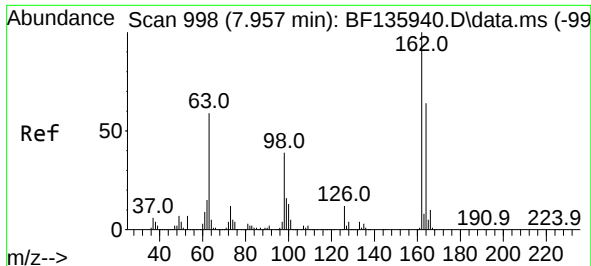
Tgt Ion:122 Resp: 753796
Ion Ratio Lower Upper
122 100
107 109.3 87.1 130.7
121 57.6 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 79.086 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion: 93 Resp: 993937
Ion Ratio Lower Upper
93 100
95 33.7 25.9 38.9
123 12.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 84.064 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.012 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

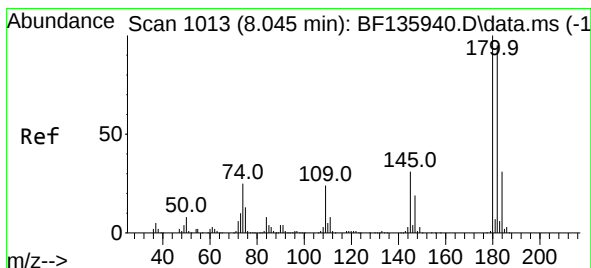
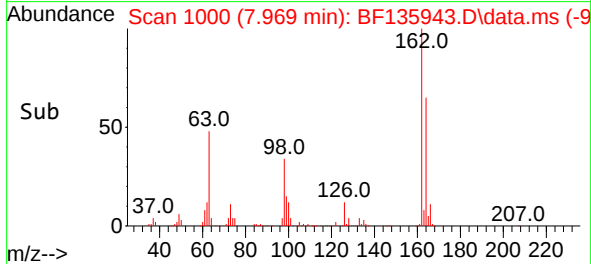
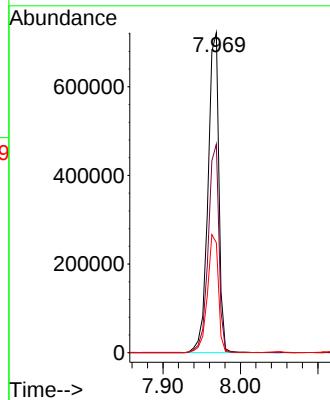
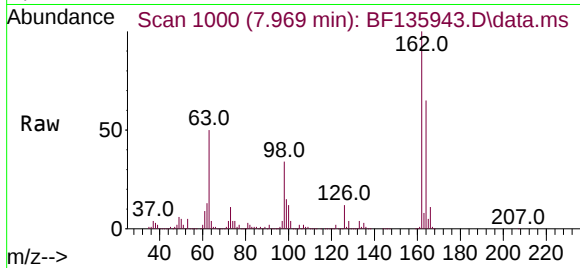
Tgt Ion:162 Resp: 702166

Ion Ratio Lower Upper

162 100

164 65.2 43.7 83.7

98 34.4 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 78.654 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

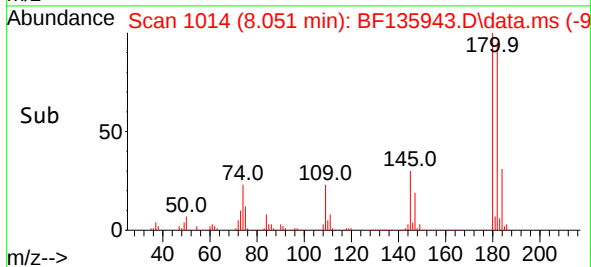
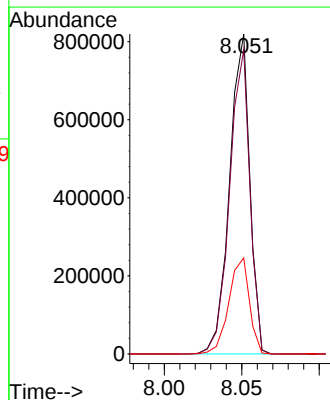
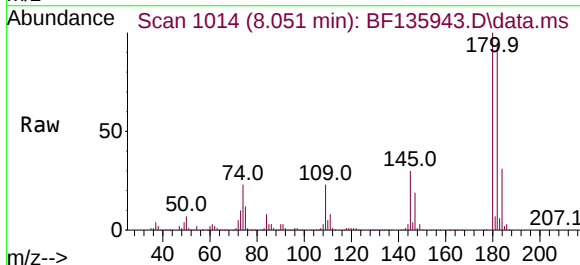
Tgt Ion:180 Resp: 743852

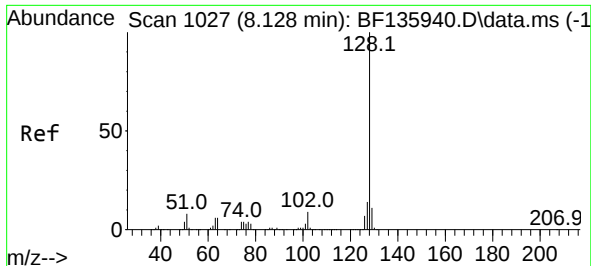
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

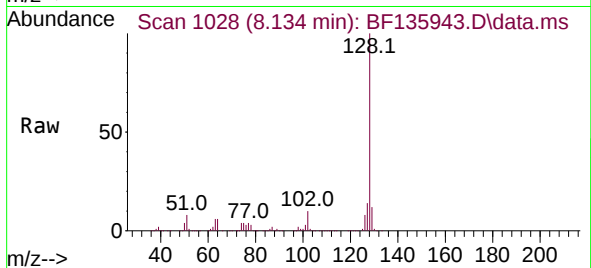
145 30.0 24.6 36.8



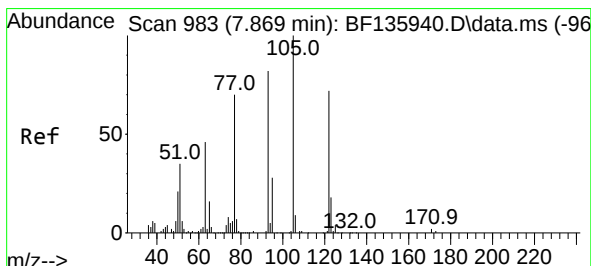
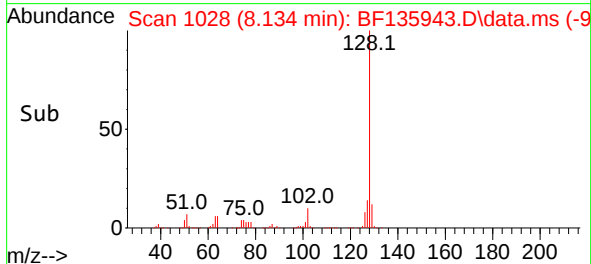
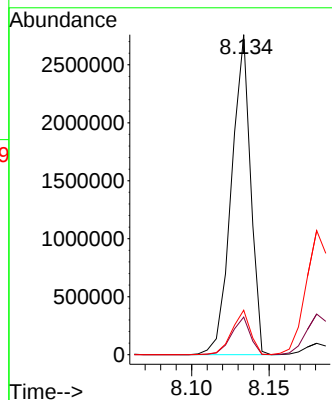


#31
Naphthalene
Concen: 75.602 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Instrument :
BNA_F
ClientSampleId :

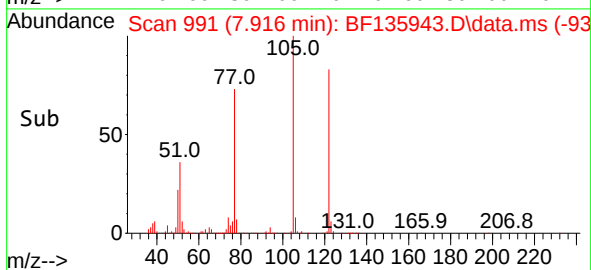
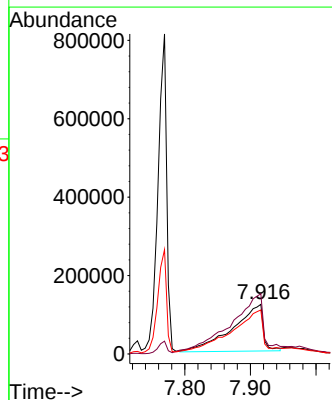
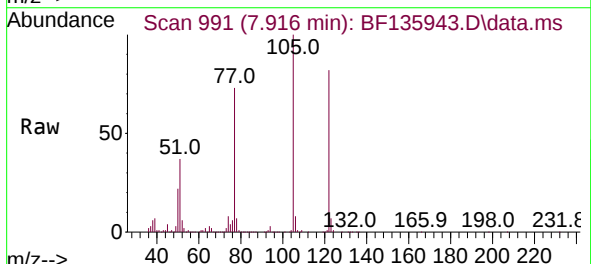


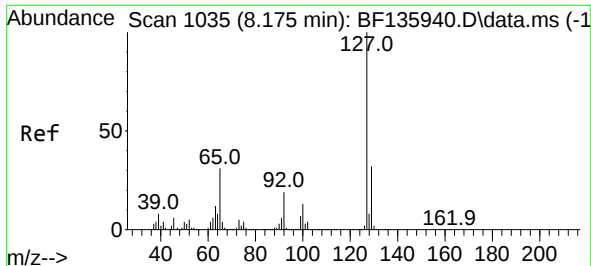
Tgt Ion:128 Resp: 2366634
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 68.003 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.047 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:122 Resp: 390707
Ion Ratio Lower Upper
122 100
105 121.4 113.1 153.1
77 88.6 75.2 115.2



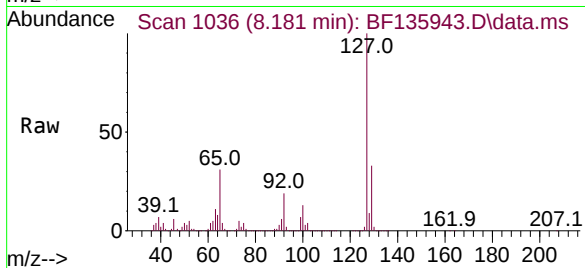


#33
4-Chloroaniline
Concen: 78.063 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Instrument :

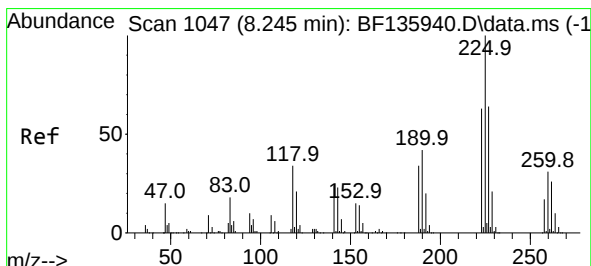
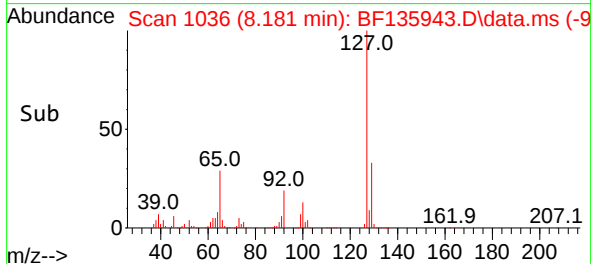
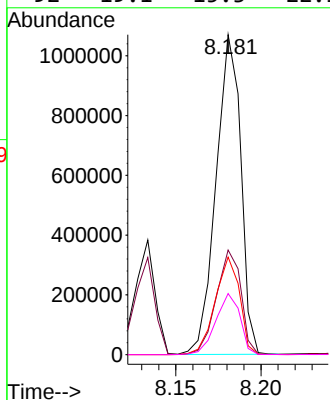
BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 1080068

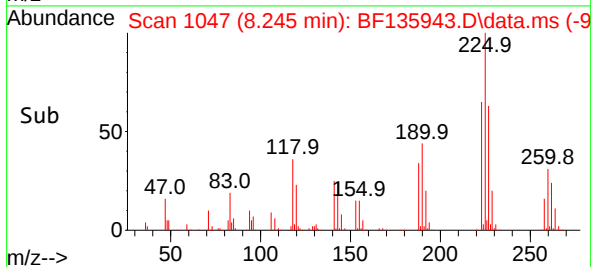
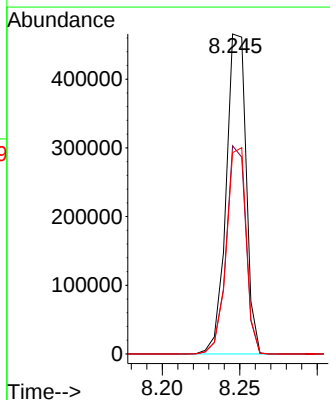
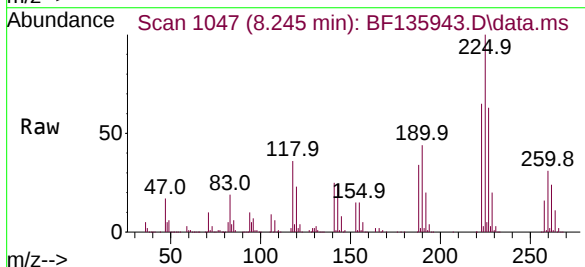
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	30.5	24.8	37.2
92	19.1	15.3	22.9

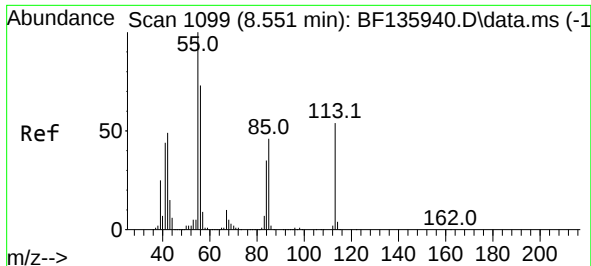


#34
Hexachlorobutadiene
Concen: 78.395 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:225 Resp: 417885

Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	75.8
227	62.9	50.9	76.3

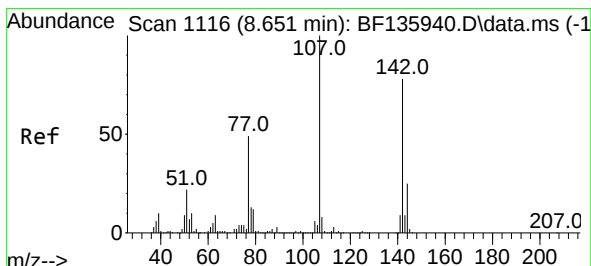
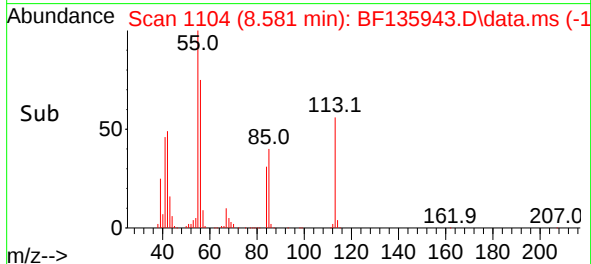
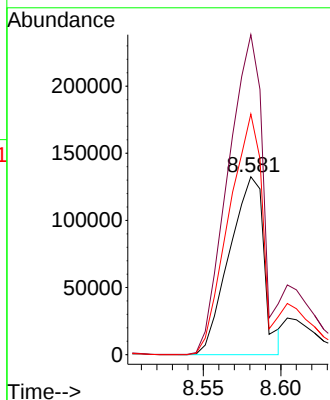
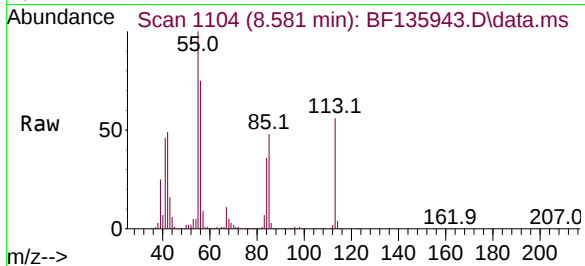




#35
 Caprolactam
 Concen: 74.056 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.030 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09

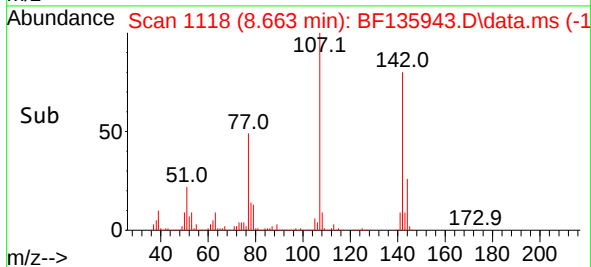
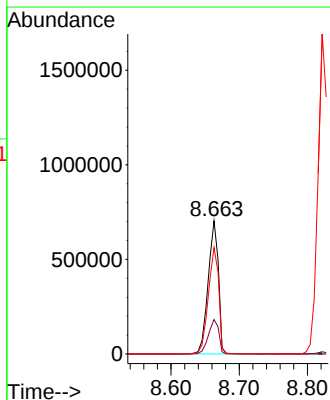
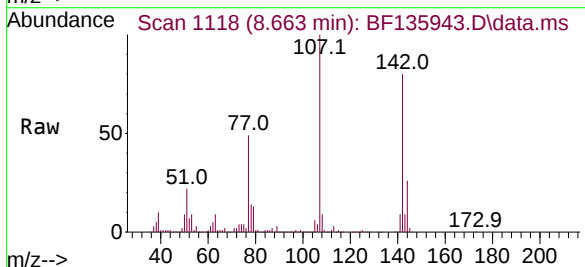
Instrument :
 BNA_F
 ClientSampleId :

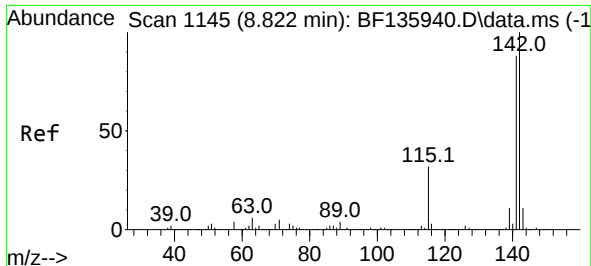
Tgt Ion:113 Resp: 205847
 Ion Ratio Lower Upper
 113 100
 55 179.9 165.4 205.4
 56 135.3 115.2 155.2



#36
 4-Chloro-3-methylphenol
 Concen: 83.332 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09

Tgt Ion:107 Resp: 739692
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.9 29.9
 142 79.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 75.778 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

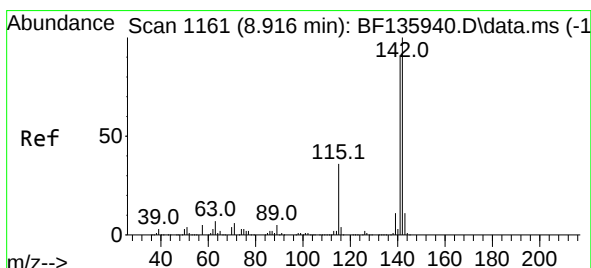
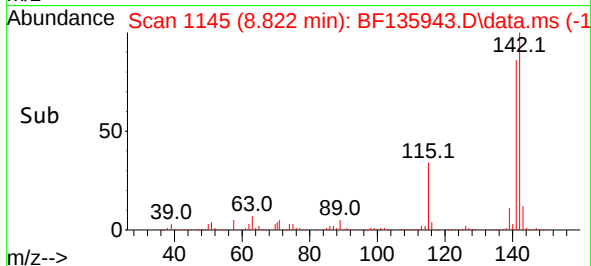
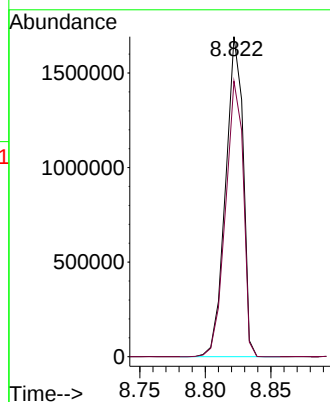
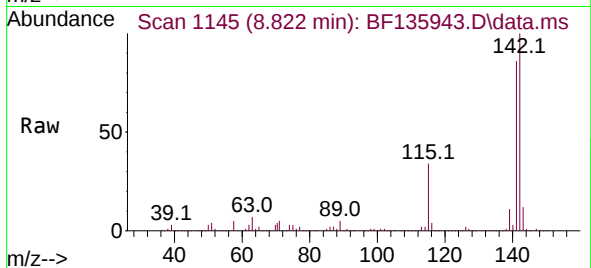
ClientSampleId :

Tgt Ion:142 Resp: 1569492

Ion Ratio Lower Upper

142 100

141 86.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 75.493 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF135943.D

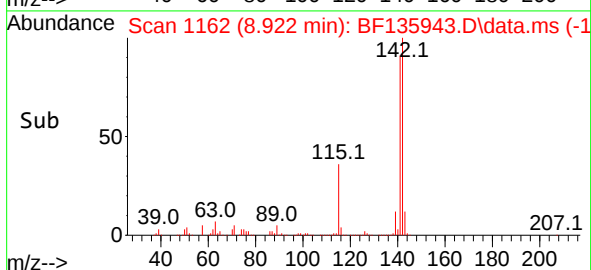
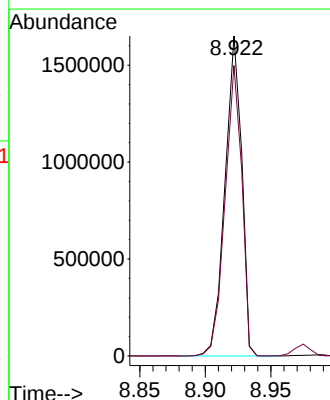
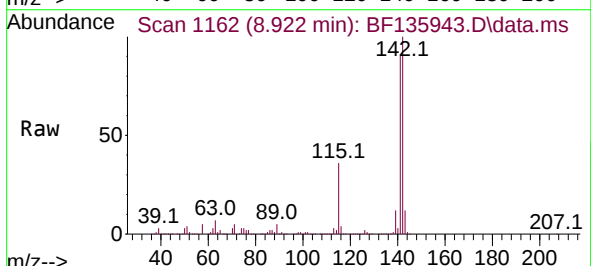
Acq: 25 Oct 2023 15:09

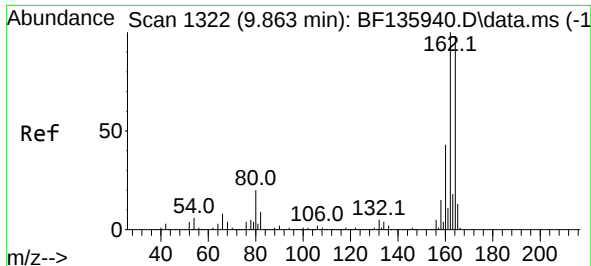
Tgt Ion:142 Resp: 1461040

Ion Ratio Lower Upper

142 100

141 90.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

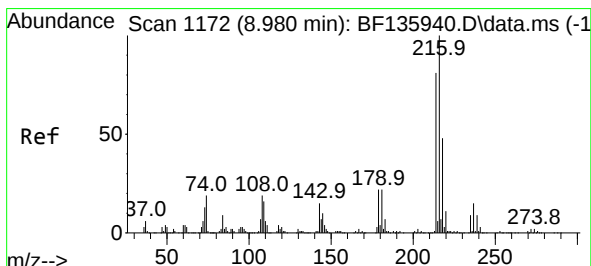
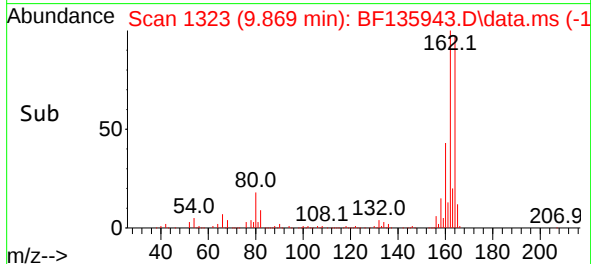
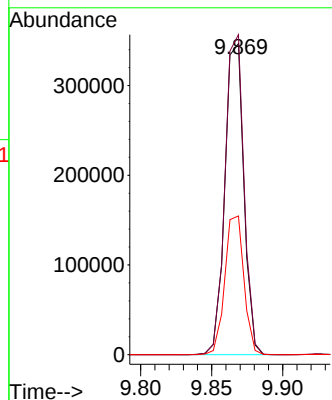
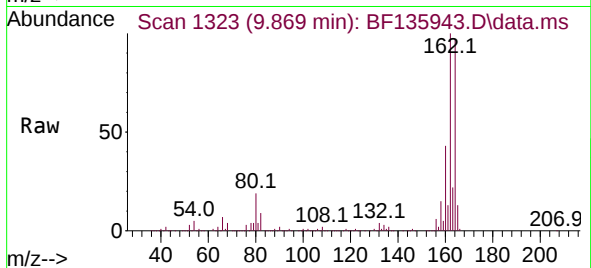
Tgt Ion:164 Resp: 322304

Ion Ratio Lower Upper

164 100

162 102.9 82.0 123.0

160 44.6 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 77.067 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Tgt Ion:216 Resp: 701554

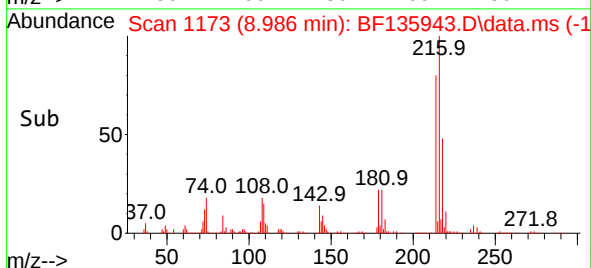
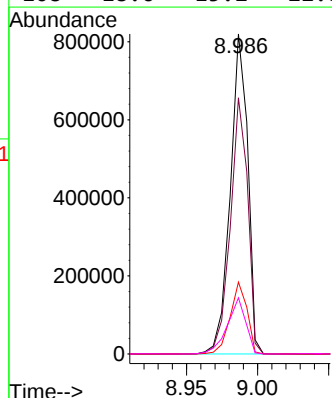
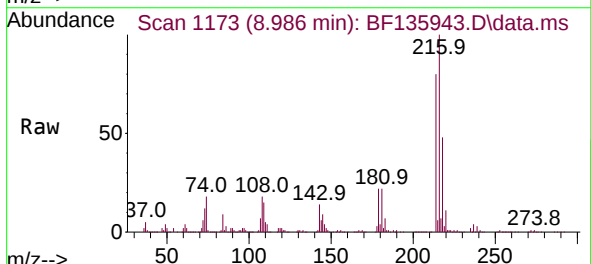
Ion Ratio Lower Upper

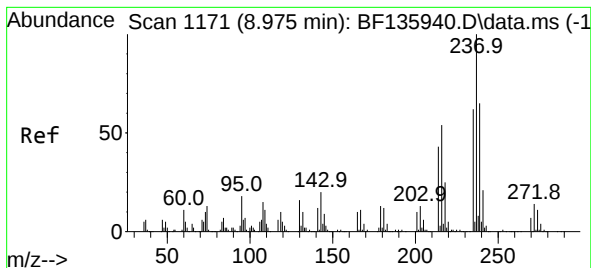
216 100

214 79.4 63.3 94.9

179 21.8 17.3 25.9

108 18.6 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 91.922 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

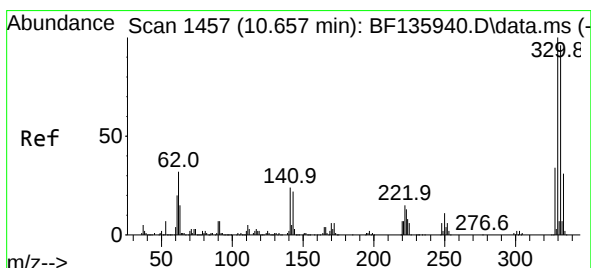
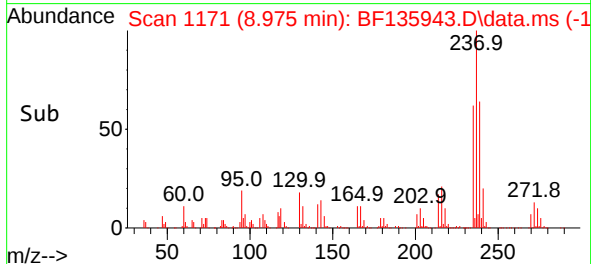
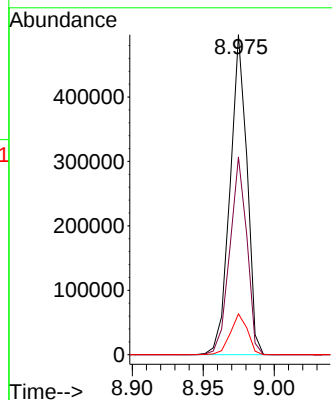
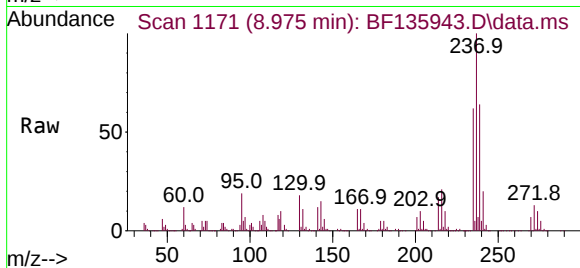
Tgt Ion:237 Resp: 412605

Ion Ratio Lower Upper

237 100

235 61.8 41.7 81.7

272 12.7 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 180.999 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

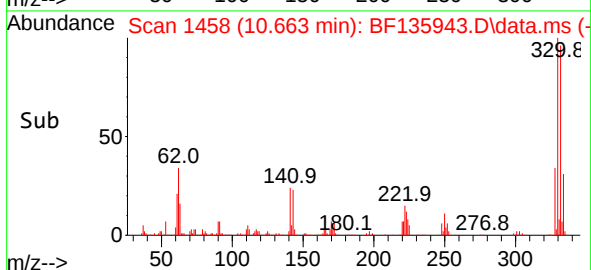
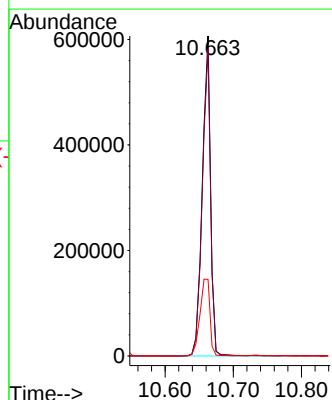
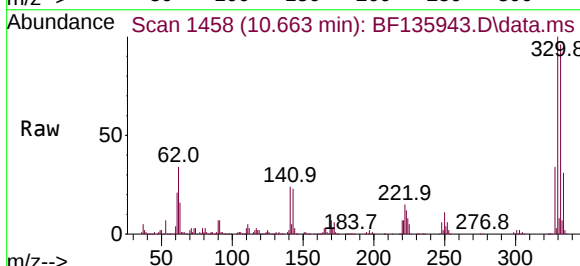
Tgt Ion:330 Resp: 510618

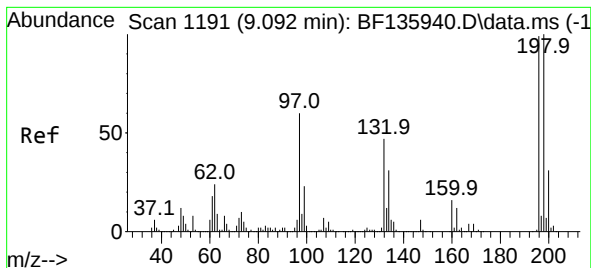
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

141 29.0 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 88.518 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

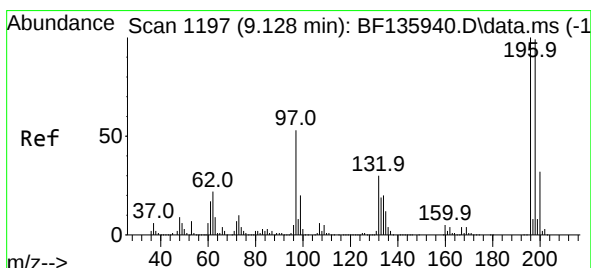
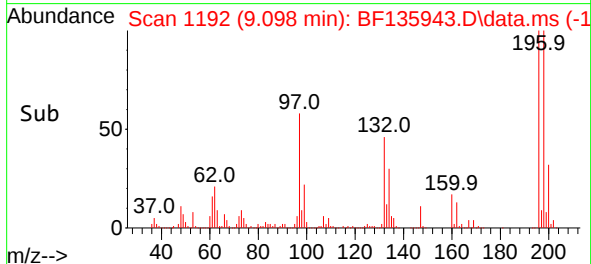
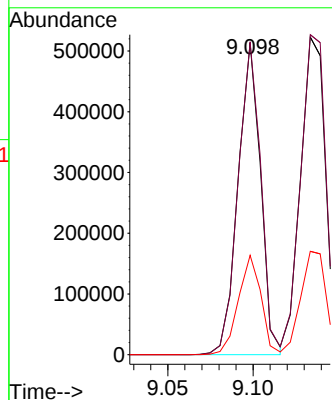
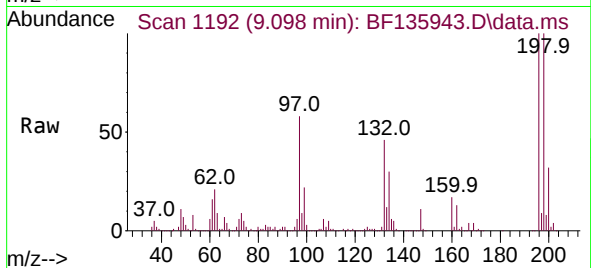
Tgt Ion:196 Resp: 471623

Ion Ratio Lower Upper

196 100

198 100.4 81.0 121.4

200 31.9 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 85.348 ng

RT: 9.134 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Tgt Ion:196 Resp: 539909

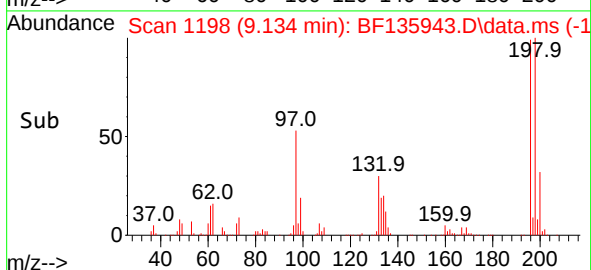
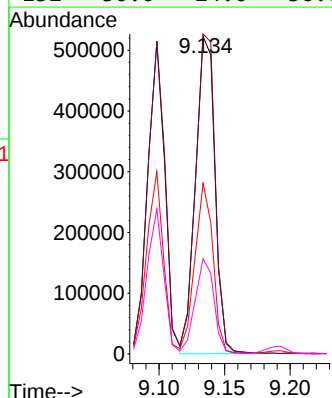
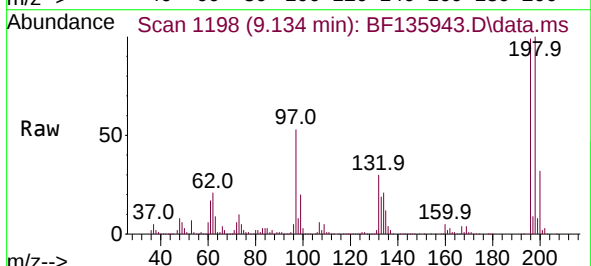
Ion Ratio Lower Upper

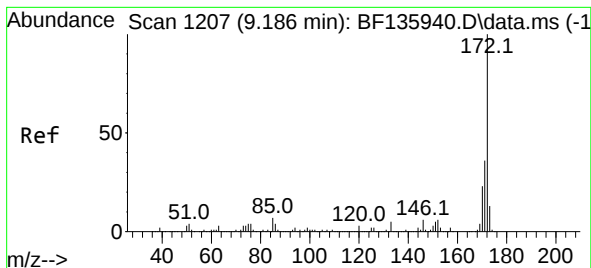
196 100

198 100.7 79.1 118.7

97 53.7 42.3 63.5

132 30.0 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 140.388 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

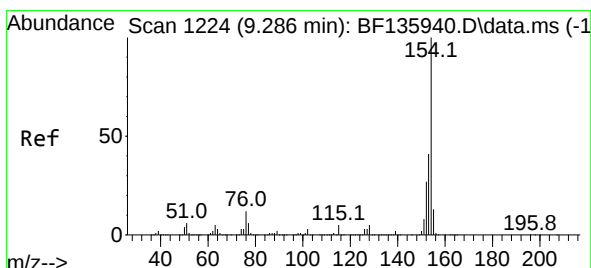
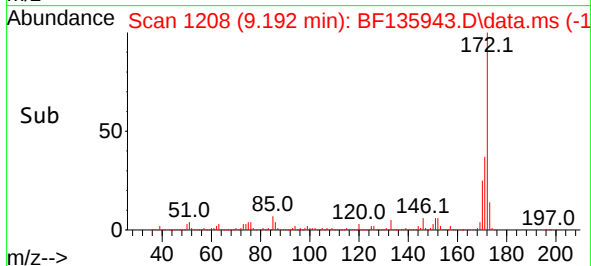
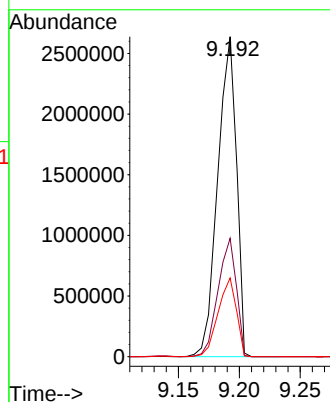
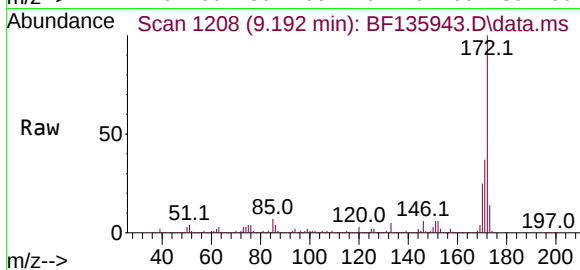
Tgt Ion:172 Resp: 2825764

Ion Ratio Lower Upper

172 100

171 37.0 28.6 43.0

170 24.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 74.010 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

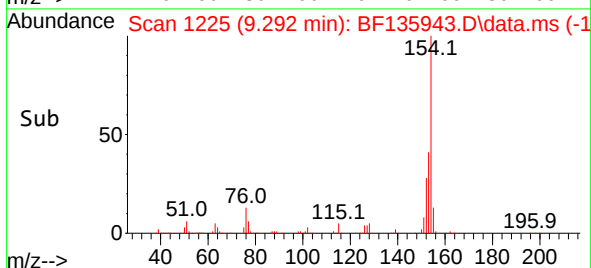
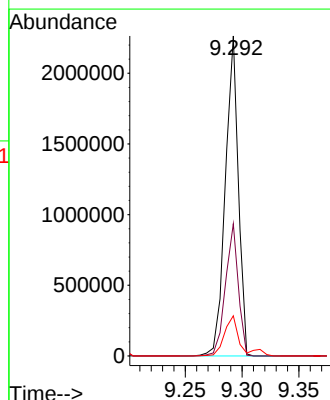
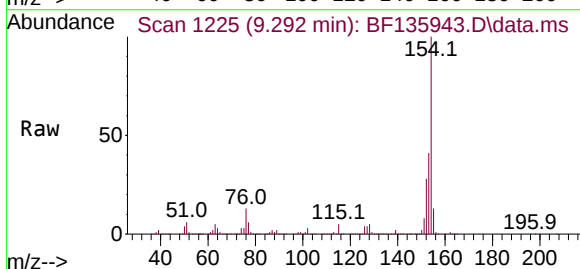
Tgt Ion:154 Resp: 1807465

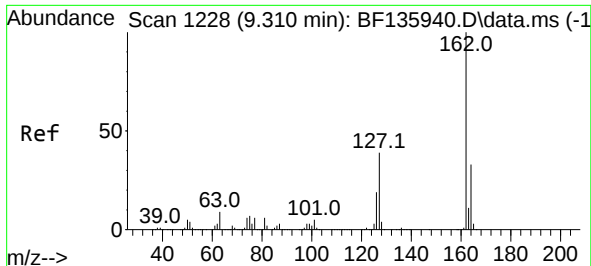
Ion Ratio Lower Upper

154 100

153 41.3 20.7 60.7

76 12.5 0.0 32.4





#47

2-Chloronaphthalene

Concen: 76.628 ng

RT: 9.316 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

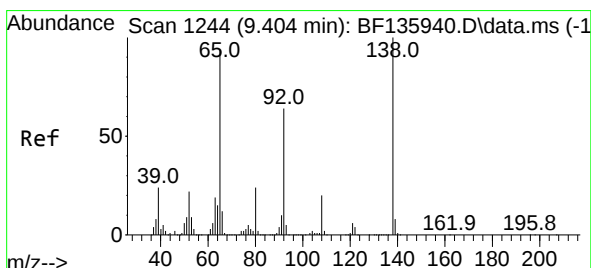
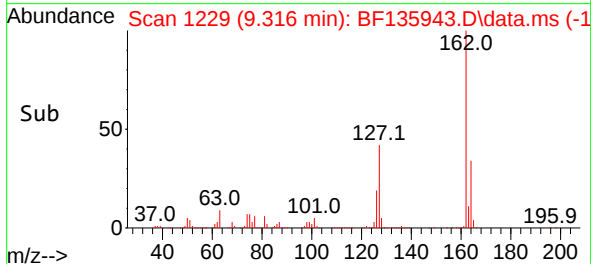
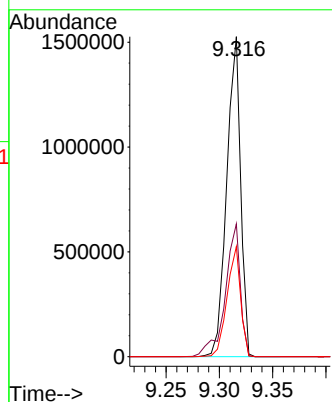
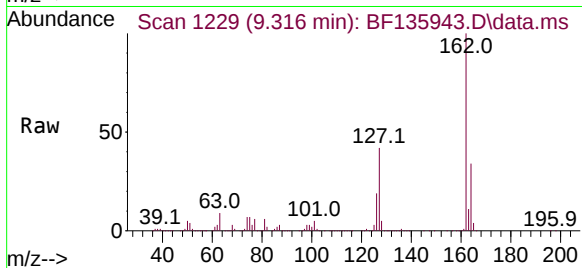
Tgt Ion:162 Resp: 1384209

Ion Ratio Lower Upper

162 100

127 41.5 31.0 46.4

164 34.4 26.6 39.8



#48

2-Nitroaniline

Concen: 79.820 ng

RT: 9.410 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

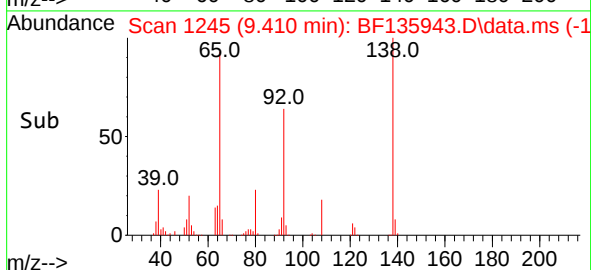
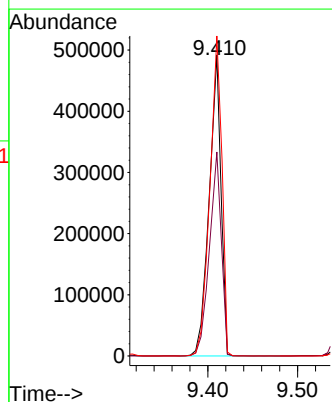
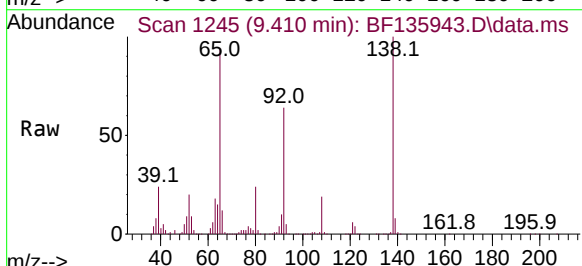
Tgt Ion: 65 Resp: 450697

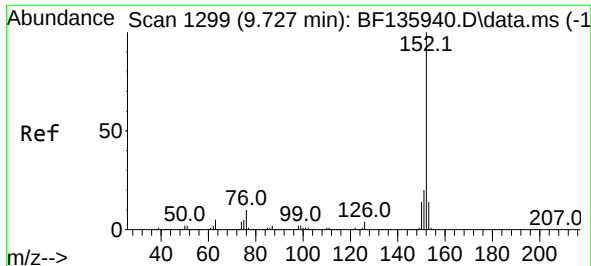
Ion Ratio Lower Upper

65 100

92 67.8 54.9 82.3

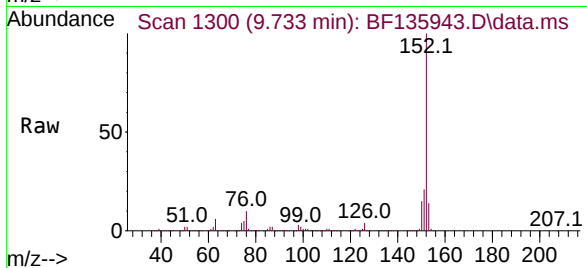
138 106.3 85.2 127.8



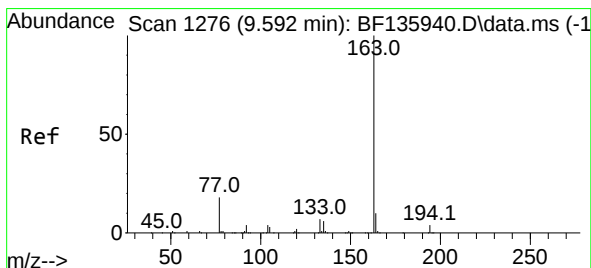
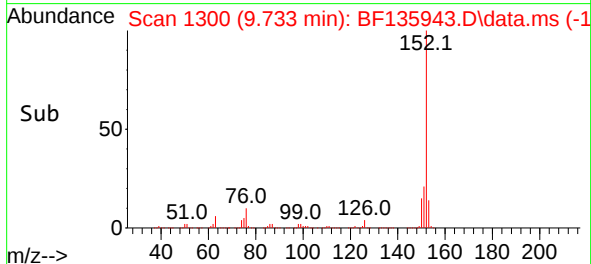
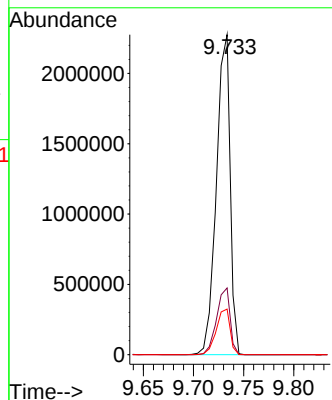


#49
Acenaphthylene
Concen: 75.899 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Instrument :
BNA_F
ClientSampleId :

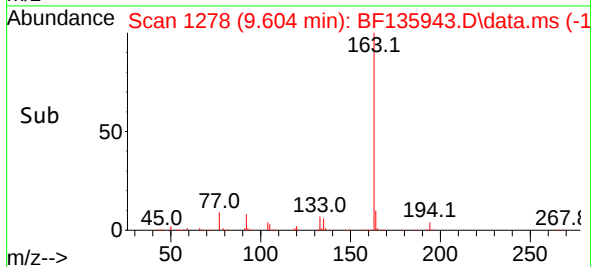
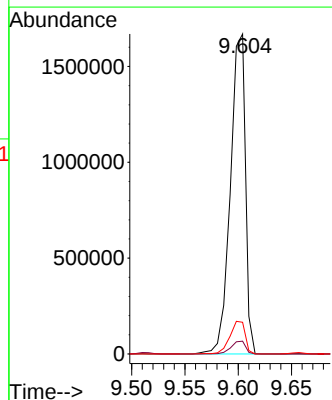
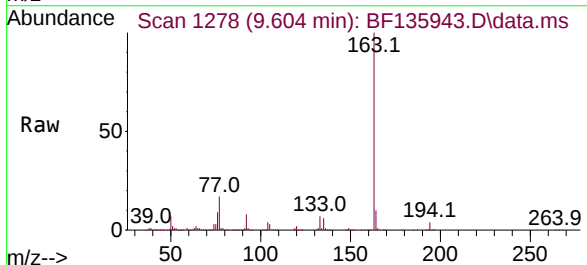


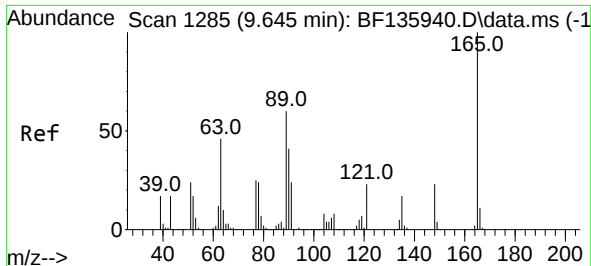
Tgt Ion:152 Resp: 2162956
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.3 11.0 16.6



#50
Dimethylphthalate
Concen: 78.545 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:163 Resp: 1641686
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 81.741 ng

RT: 9.657 min Scan# 1285

Delta R.T. 0.012 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

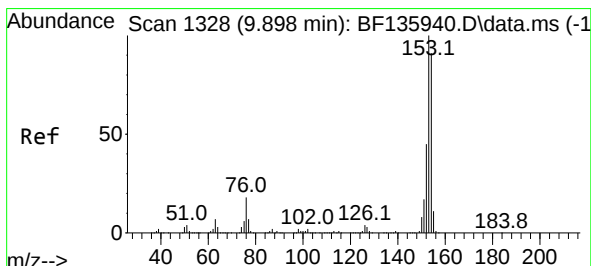
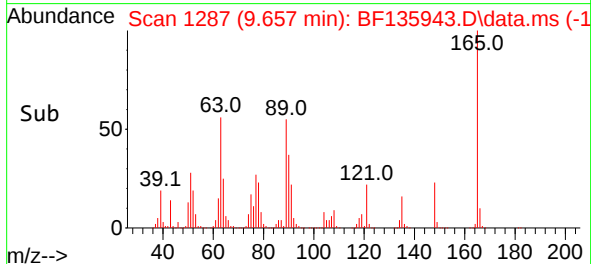
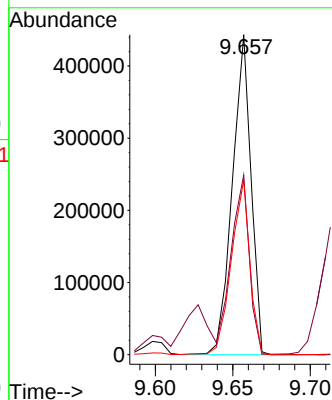
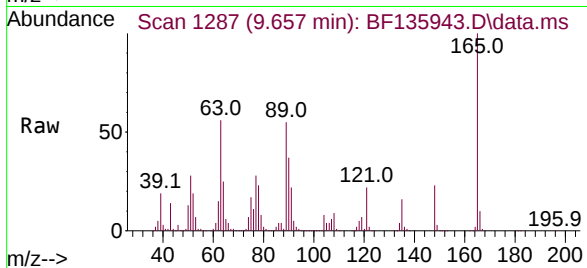
Tgt Ion:165 Resp: 370675

Ion Ratio Lower Upper

165 100

63 56.2 51.7 77.5

89 54.6 48.3 72.5



#52

Acenaphthene

Concen: 78.128 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

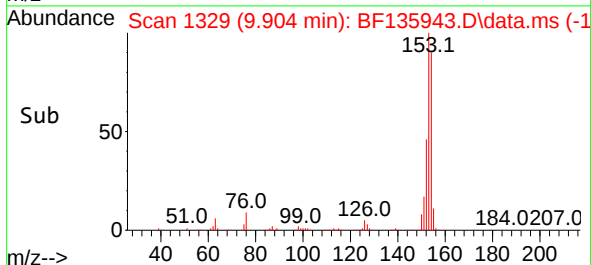
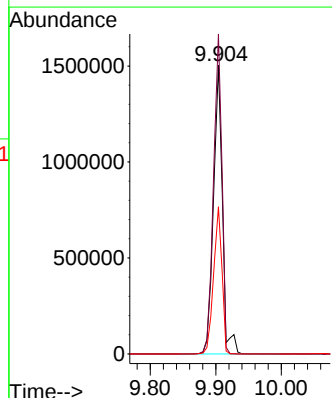
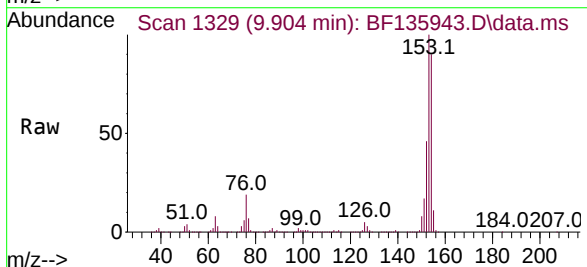
Tgt Ion:154 Resp: 1426879

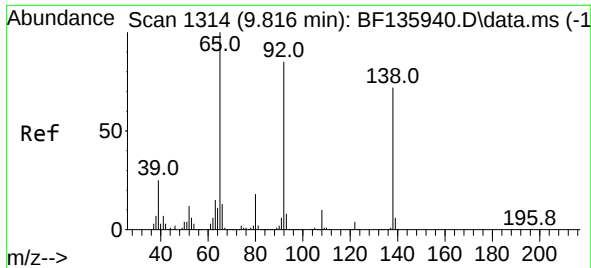
Ion Ratio Lower Upper

154 100

153 110.9 88.0 132.0

152 51.0 39.4 59.2

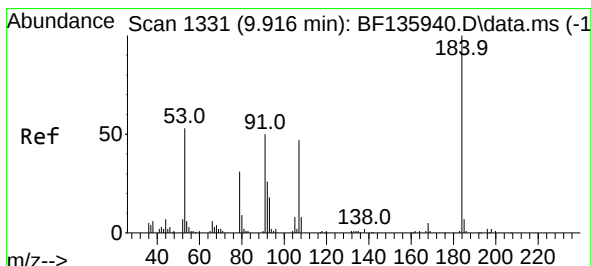
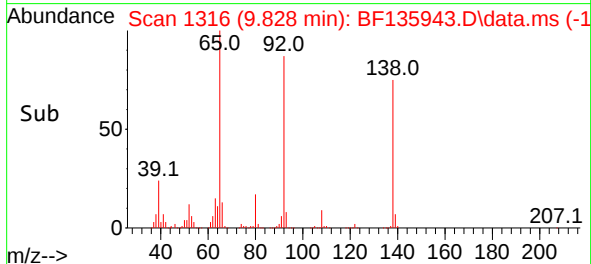
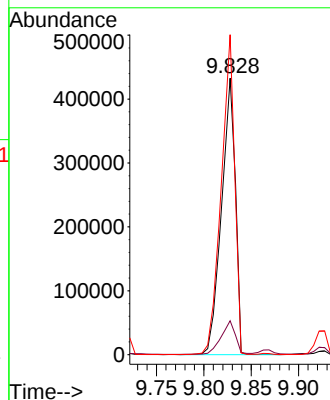
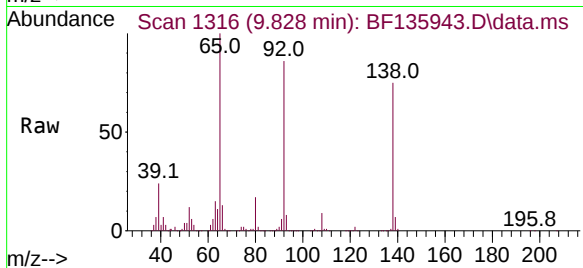




#53
3-Nitroaniline
Concen: 81.698 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

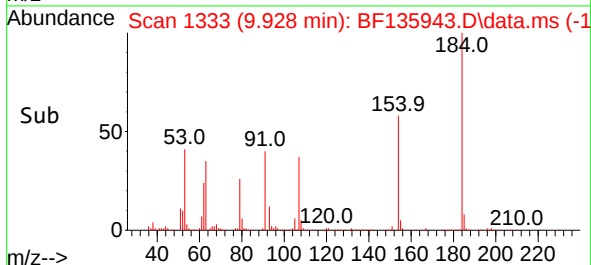
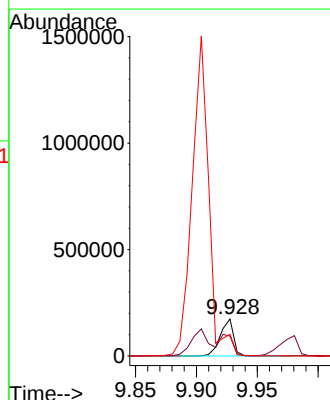
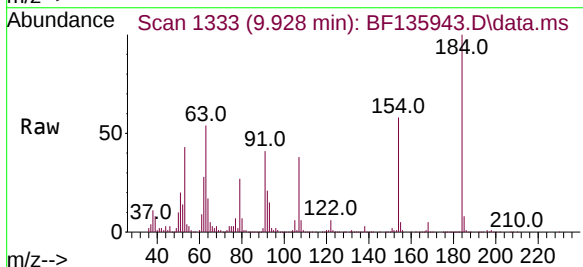
Instrument :
BNA_F
ClientSampleId :

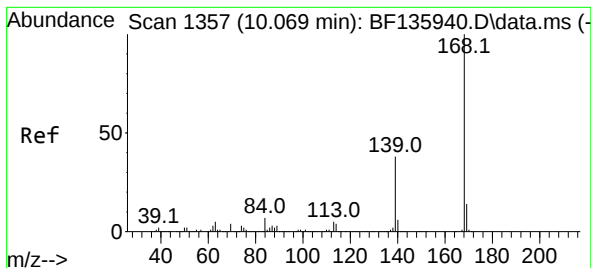
Tgt Ion:138 Resp: 441950
Ion Ratio Lower Upper
138 100
108 12.3 11.3 16.9
92 115.7 95.0 142.6



#54
2,4-Dinitrophenol
Concen: 80.012 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:184 Resp: 131568
Ion Ratio Lower Upper
184 100
63 53.8 56.3 84.5#
154 58.2 48.1 72.1





#55

Dibenzofuran

Concen: 75.176 ng

RT: 10.075 min Scan# 1358

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

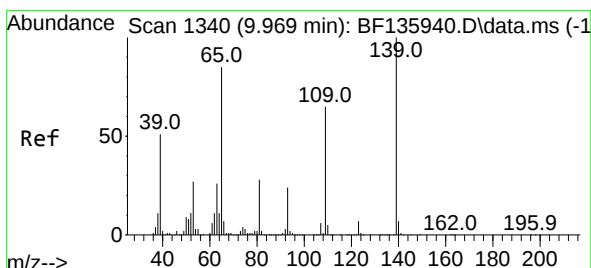
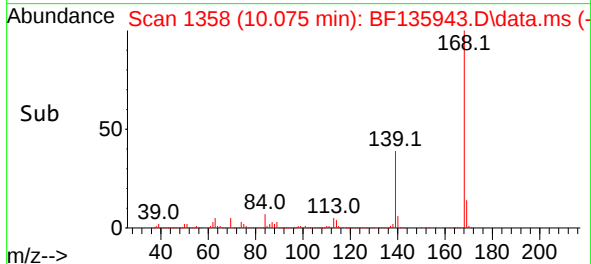
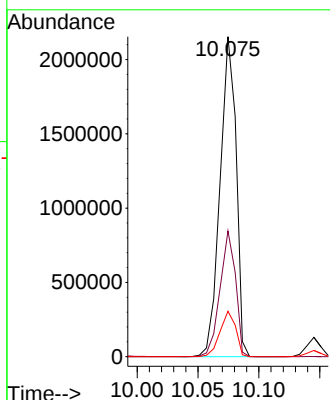
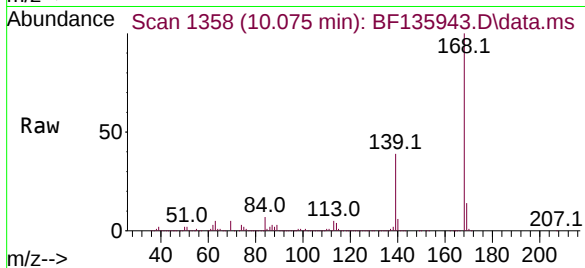
Tgt Ion:168 Resp: 1983480

Ion Ratio Lower Upper

168 100

139 39.3 30.7 46.1

169 14.2 11.1 16.7



#56

4-Nitrophenol

Concen: 81.165 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.012 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

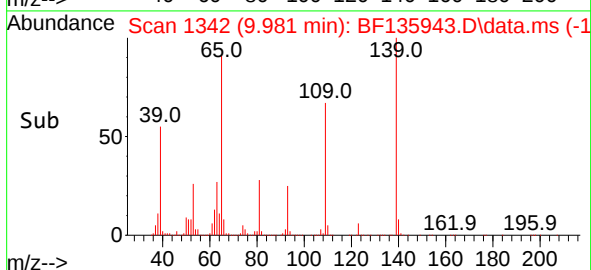
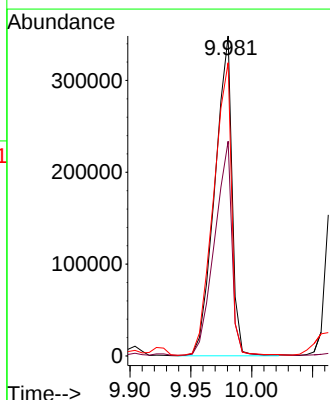
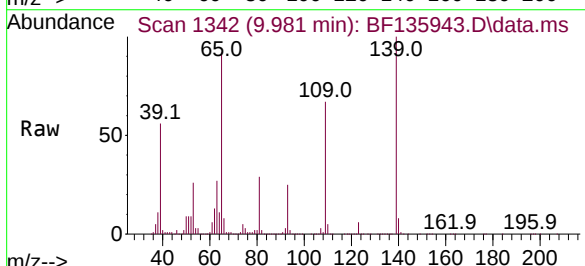
Tgt Ion:139 Resp: 342640

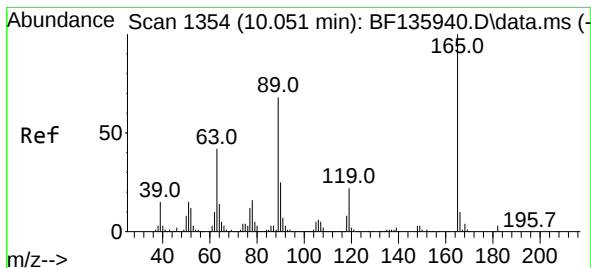
Ion Ratio Lower Upper

139 100

109 67.1 45.2 85.2

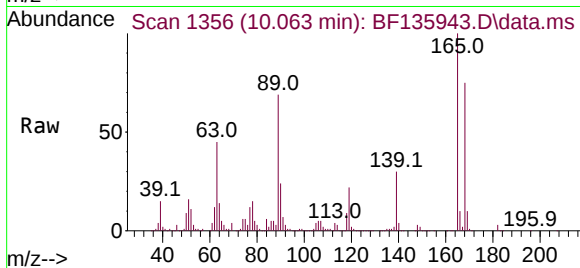
65 91.7 65.1 105.1



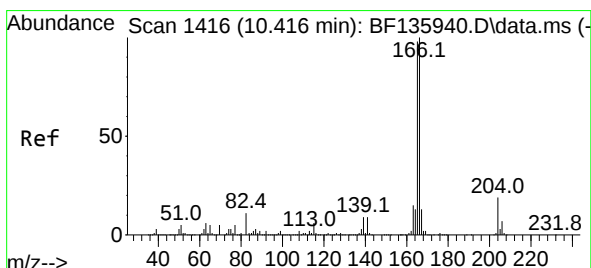
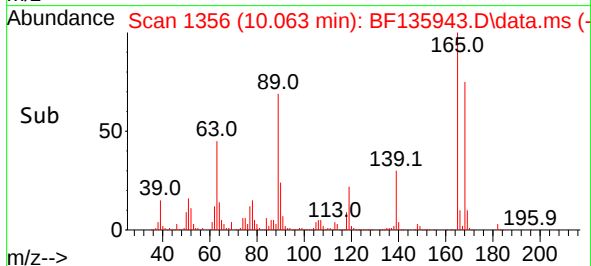
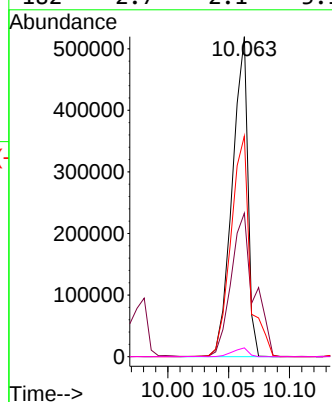


#57
2,4-Dinitrotoluene
Concen: 81.854 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Instrument :
BNA_F
ClientSampleId :

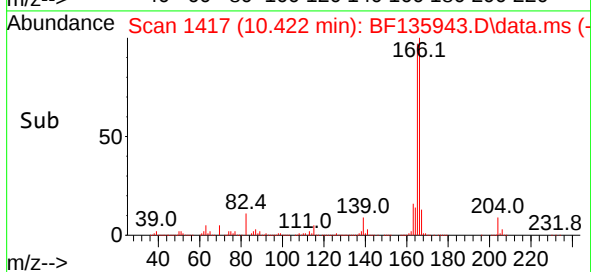
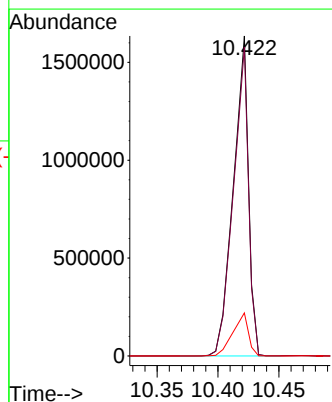
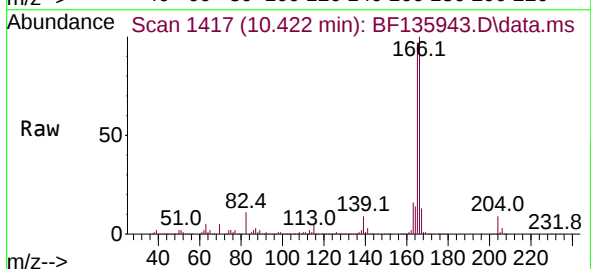


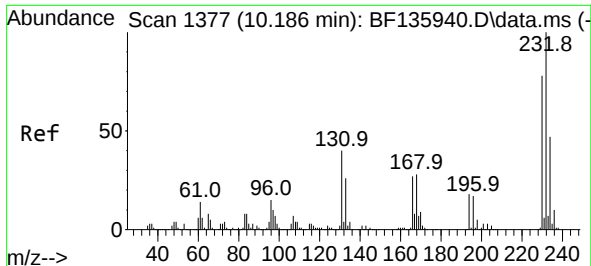
Tgt Ion:165 Resp: 464131
Ion Ratio Lower Upper
165 100
63 44.8 33.7 50.5
89 69.0 54.6 81.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 71.939 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:166 Resp: 1420040
Ion Ratio Lower Upper
166 100
165 96.6 78.0 117.0
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 88.381 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 420716

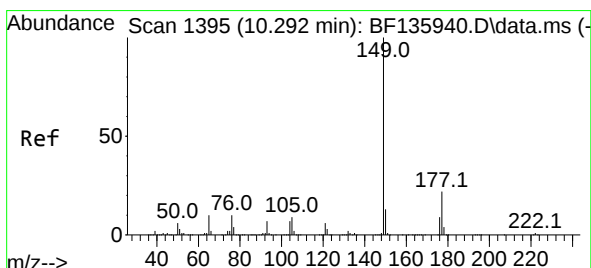
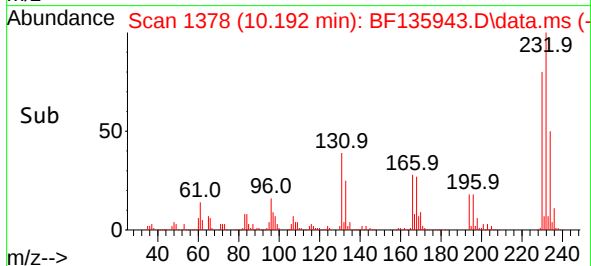
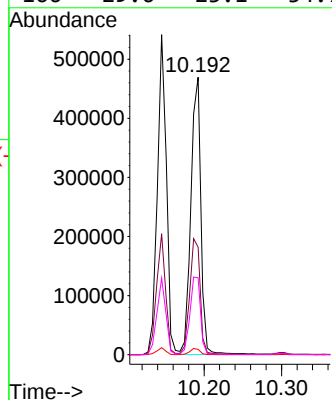
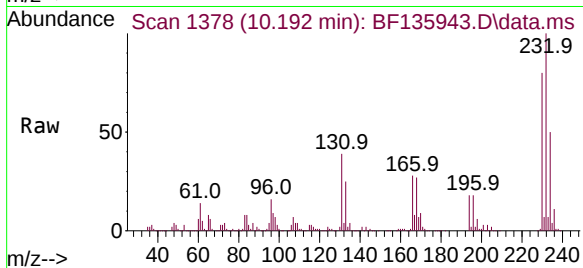
Ion Ratio Lower Upper

232 100

131 43.6 35.2 52.8

130 2.3 1.7 2.5

166 29.6 23.1 34.7



#60

Diethylphthalate

Concen: 78.432 ng

RT: 10.298 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

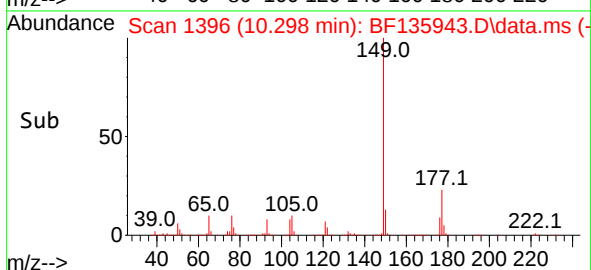
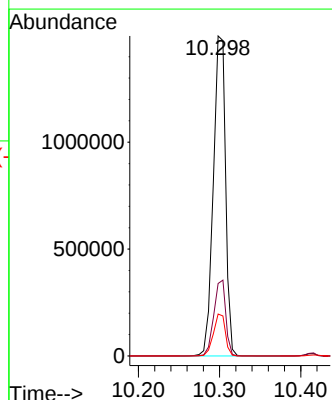
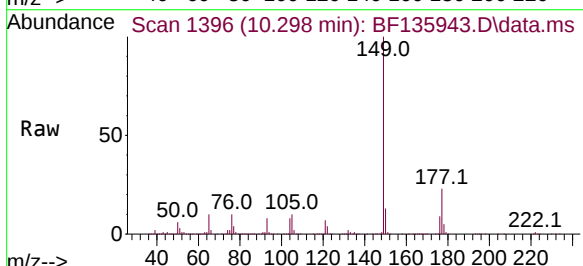
Tgt Ion:149 Resp: 1563249

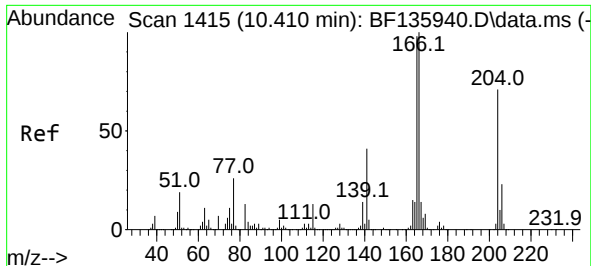
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

150 13.1 10.2 15.2

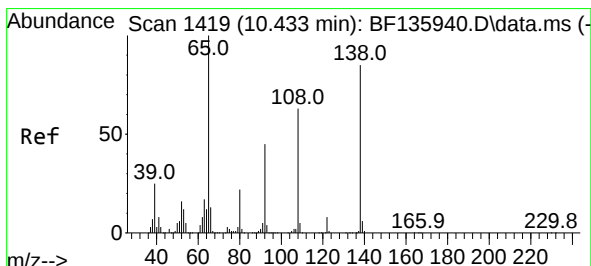
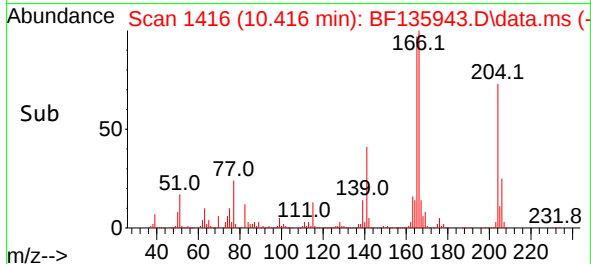
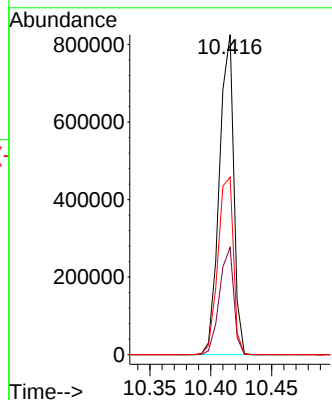
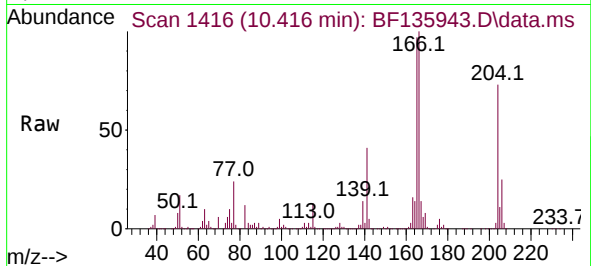




#61
4-Chlorophenyl-phenylether
Concen: 71.421 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

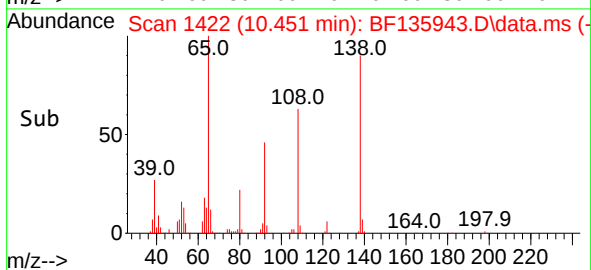
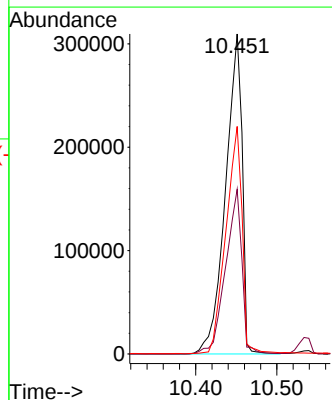
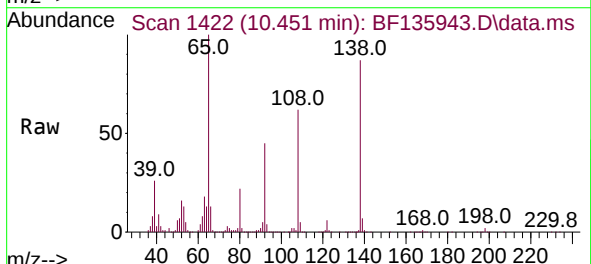
Instrument :
BNA_F
ClientSampleId :

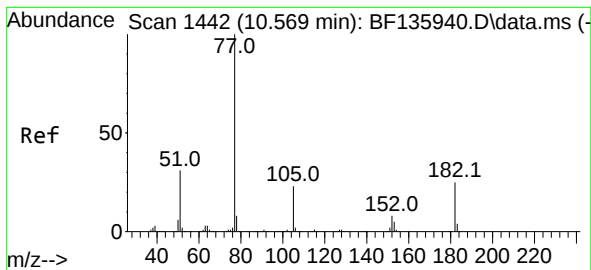
Tgt Ion:204 Resp: 680061
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 55.5 46.2 69.2



#62
4-Nitroaniline
Concen: 82.102 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.018 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:138 Resp: 440283
Ion Ratio Lower Upper
138 100
92 51.4 32.9 72.9
108 71.1 53.5 93.5

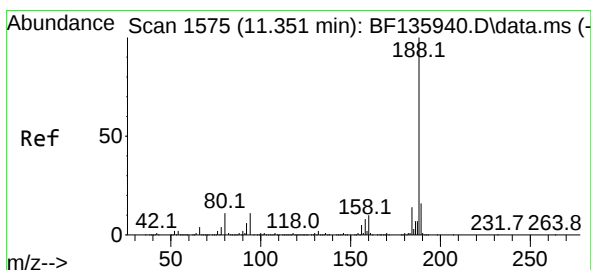
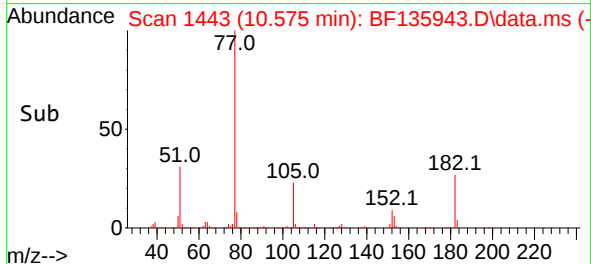
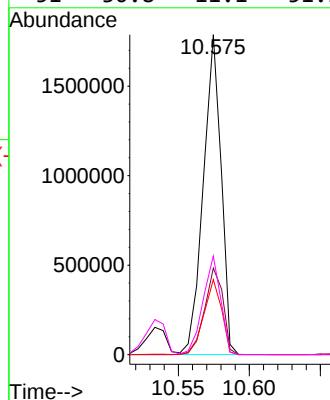
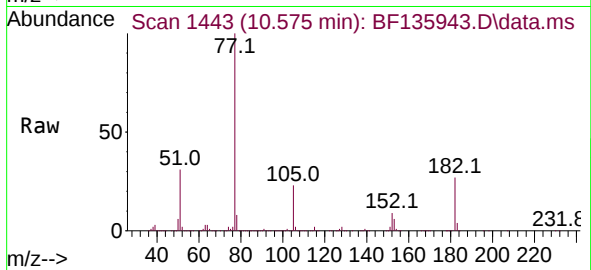




#63
Azobenzene
Concen: 76.992 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

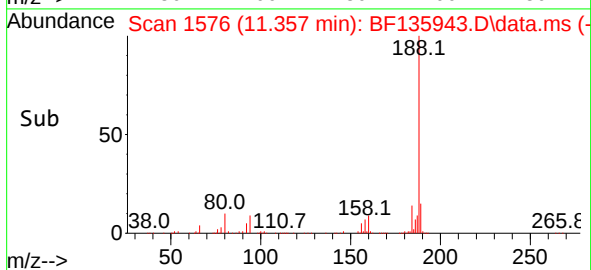
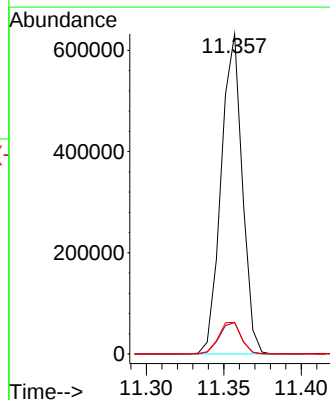
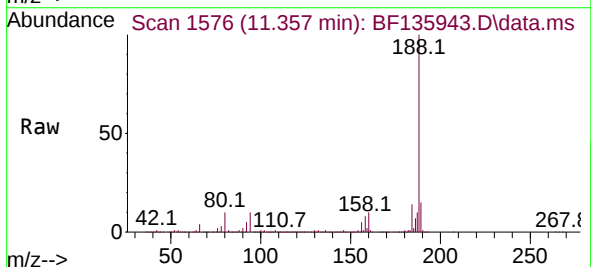
Instrument :
BNA_F
ClientSampleId :

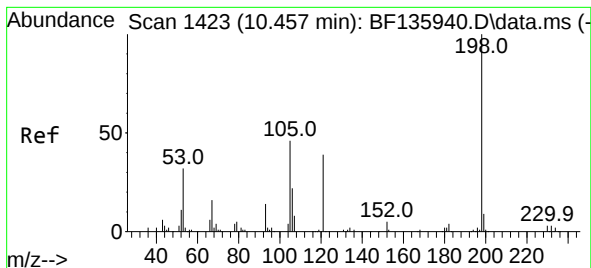
Tgt Ion: 77 Resp: 1557284
Ion Ratio Lower Upper
77 100
182 27.1 5.1 45.1
105 23.5 2.8 42.8
51 30.8 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion: 188 Resp: 599589
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 9.9 9.0 13.6

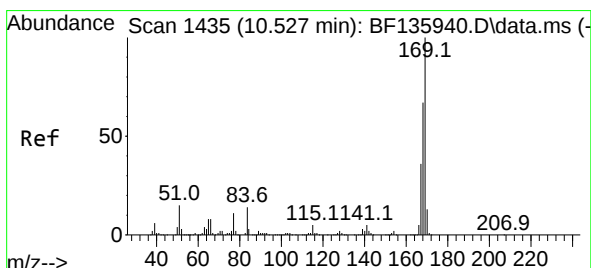
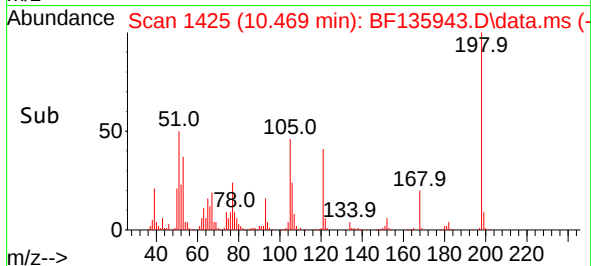
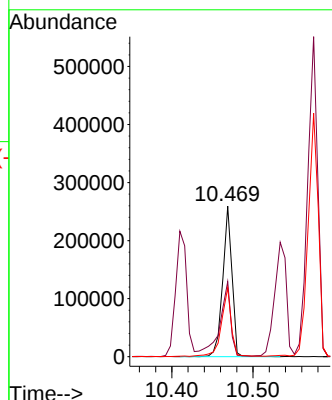
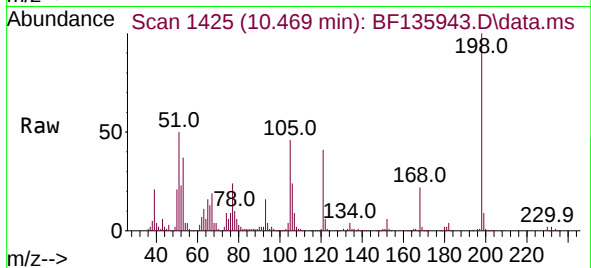




#65
4,6-Dinitro-2-methylphenol
Concen: 79.765 ng
RT: 10.469 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

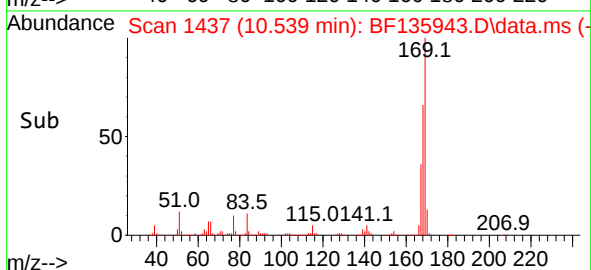
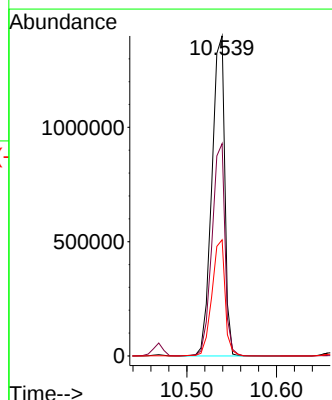
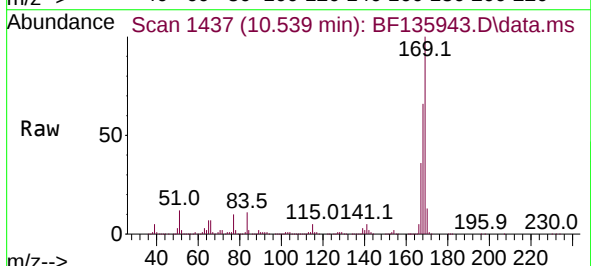
Instrument :
BNA_F
ClientSampleId :

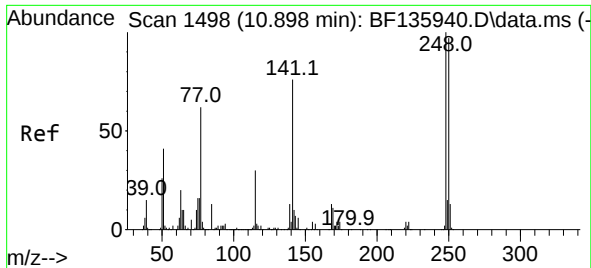
Tgt Ion:198 Resp: 207000
Ion Ratio Lower Upper
198 100
51 49.8 28.7 68.7
105 45.8 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 77.233 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.012 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:169 Resp: 1398963
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 36.3 29.0 43.4

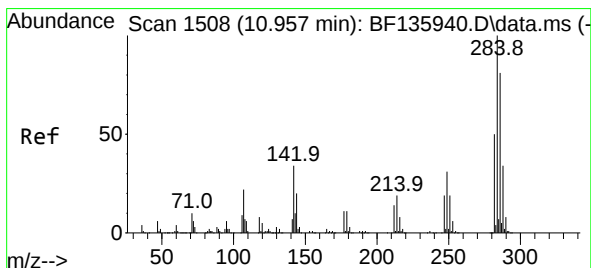
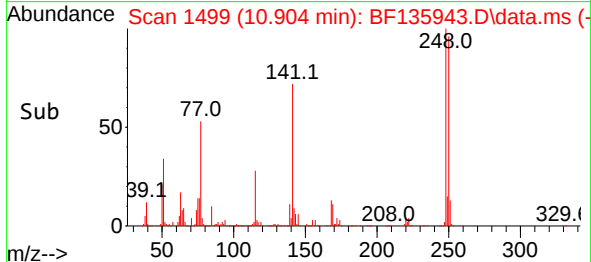
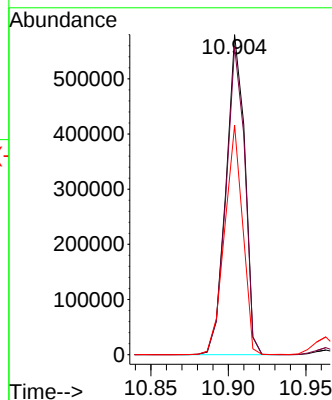
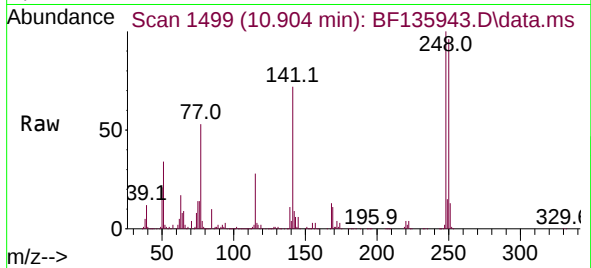




#67
4-Bromophenyl-phenylether
Concen: 79.756 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

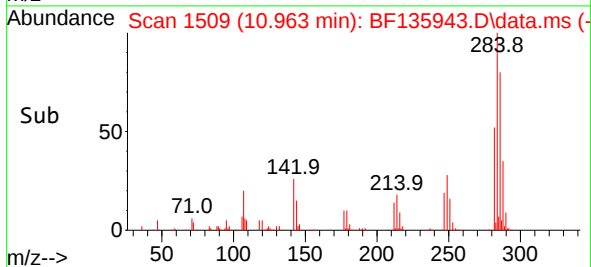
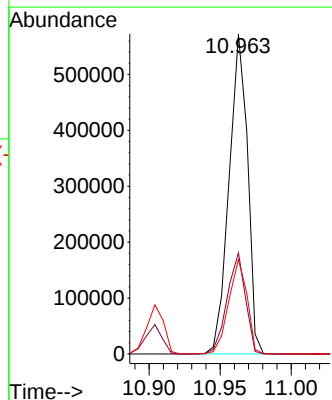
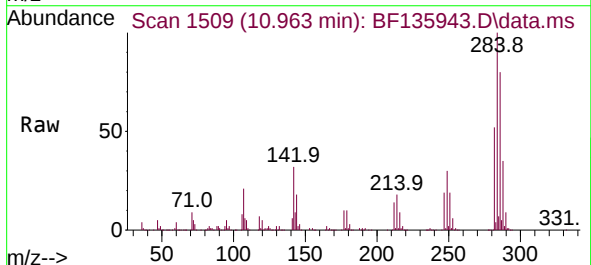
Instrument :
BNA_F
ClientSampleId :

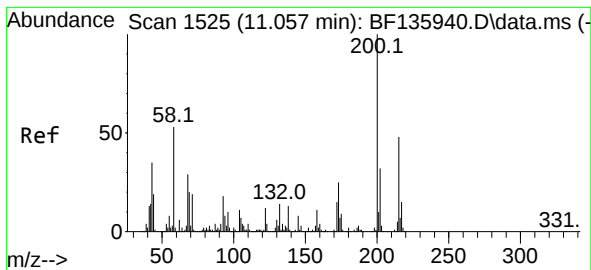
Tgt Ion:248 Resp: 489739
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 71.8 60.8 91.2



#68
Hexachlorobenzene
Concen: 78.781 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:284 Resp: 516765
Ion Ratio Lower Upper
284 100
142 31.6 27.6 41.4
249 29.5 24.7 37.1





#69

Atrazine

Concen: 72.873 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

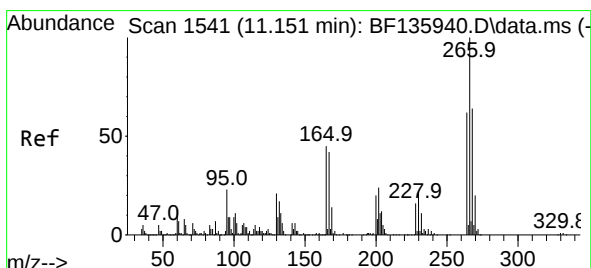
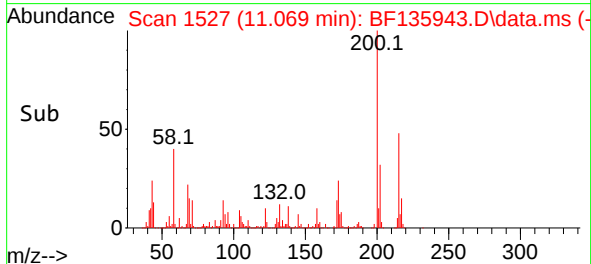
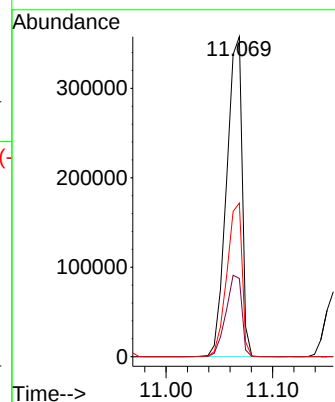
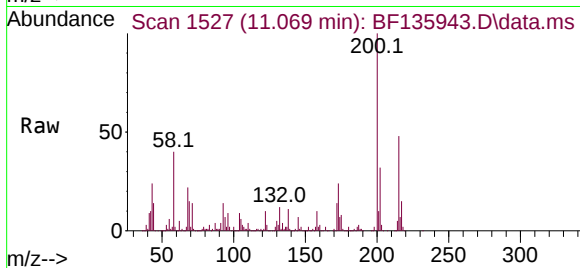
Tgt Ion:200 Resp: 359838

Ion Ratio Lower Upper

200 100

173 24.4 5.5 45.5

215 48.0 27.5 67.5



#70

Pentachlorophenol

Concen: 81.093 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

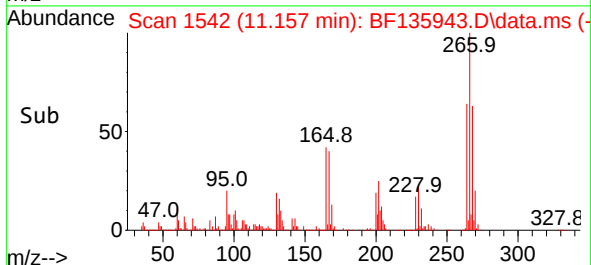
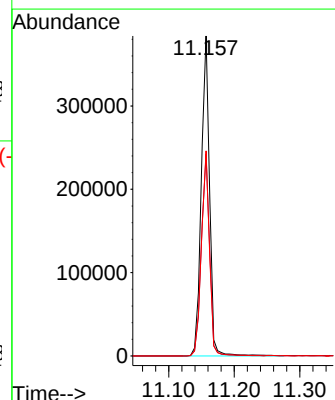
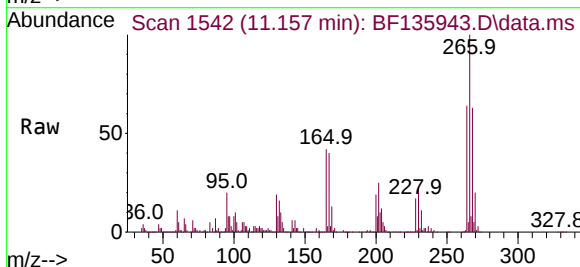
Tgt Ion:266 Resp: 337509

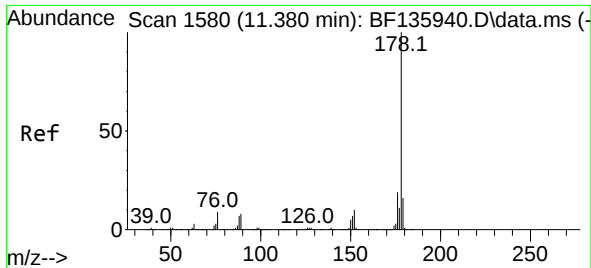
Ion Ratio Lower Upper

266 100

268 63.0 50.8 76.2

264 64.1 49.8 74.6

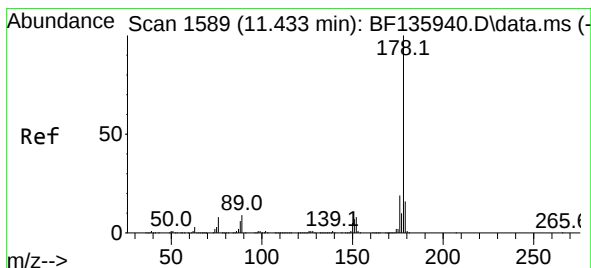
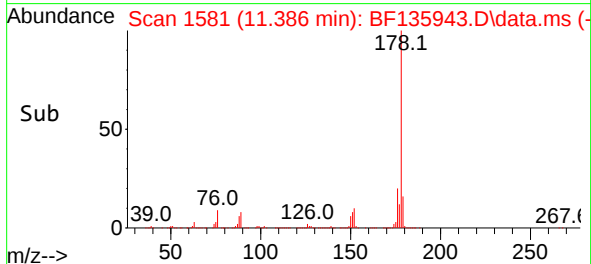
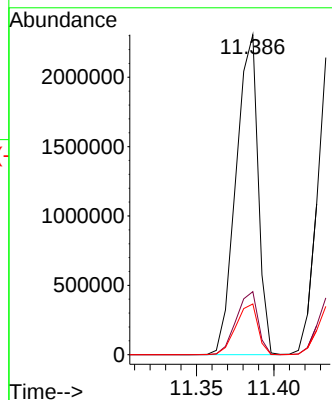
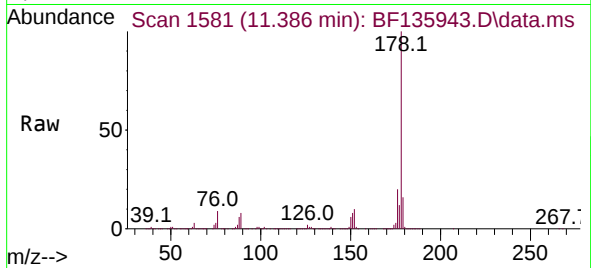




#71
Phenanthrene
Concen: 75.210 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

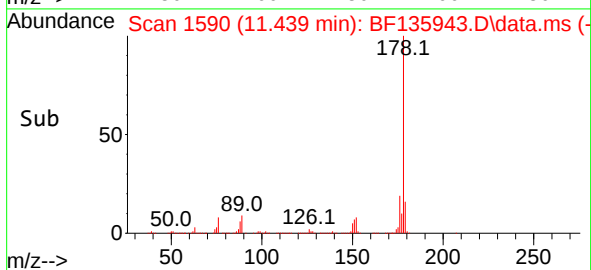
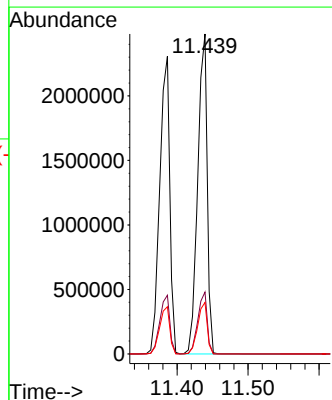
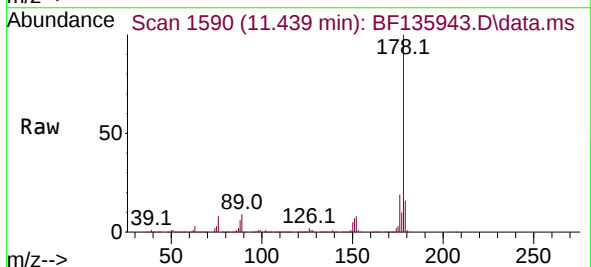
Instrument :
BNA_F
ClientSampleId :

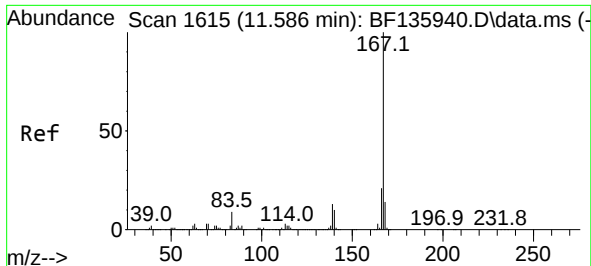
Tgt Ion:178 Resp: 2281491
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.8 12.5 18.7



#72
Anthracene
Concen: 74.305 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:178 Resp: 2307965
Ion Ratio Lower Upper
178 100
176 19.4 14.9 22.3
179 16.1 12.5 18.7

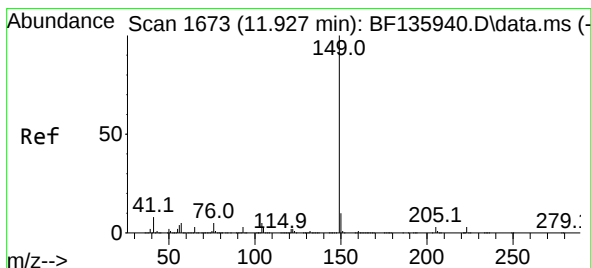
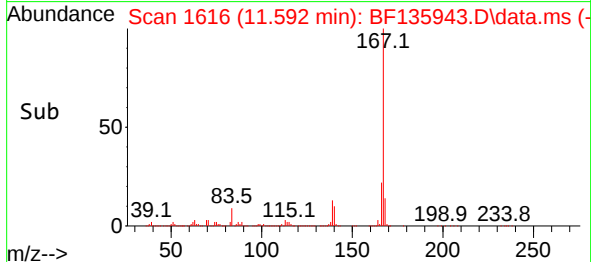
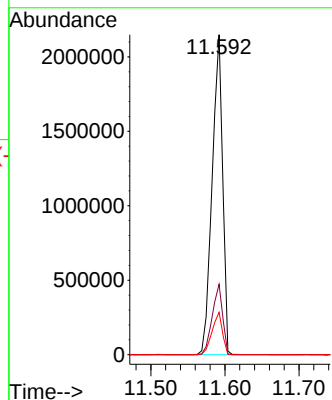
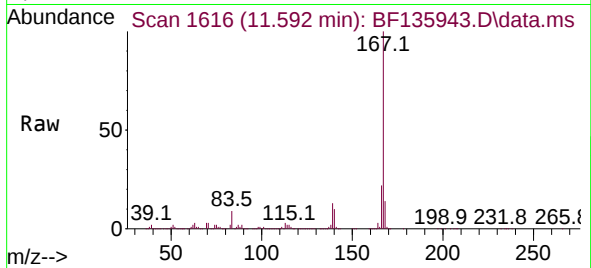




#73
Carbazole
Concen: 76.115 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

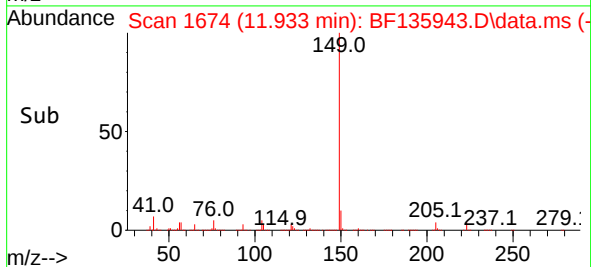
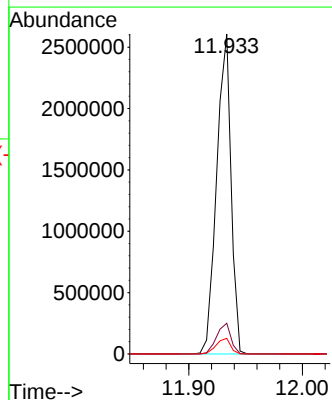
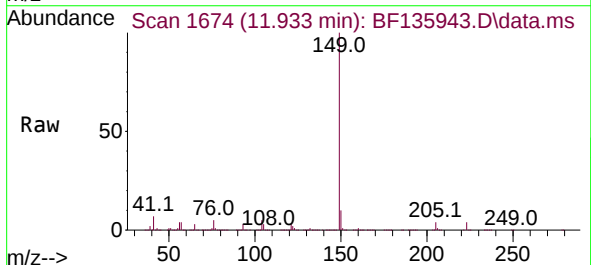
Instrument :
BNA_F
ClientSampleId :

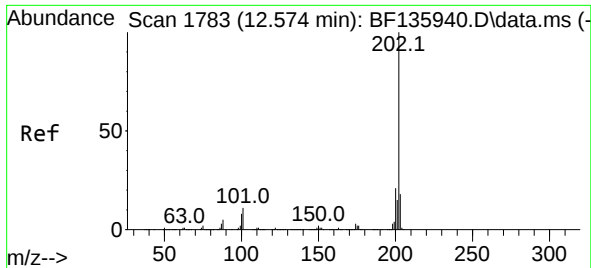
Tgt Ion:167 Resp: 2108952
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.6
139 13.3 10.4 15.6



#74
Di-n-butylphthalate
Concen: 77.829 ng
RT: 11.933 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:149 Resp: 2294716
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.9 3.9 5.9

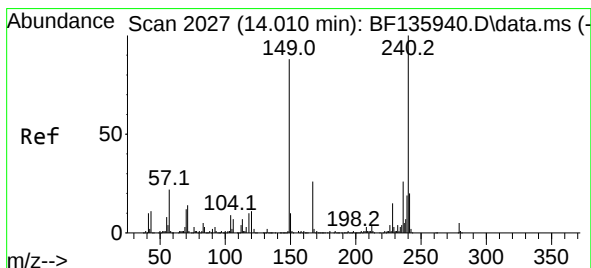
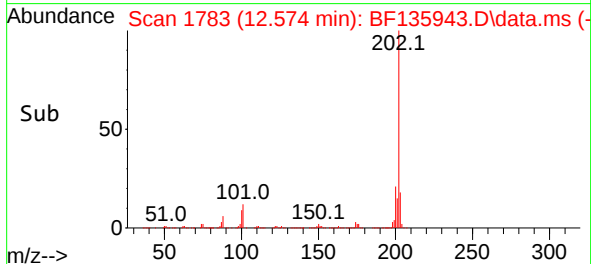
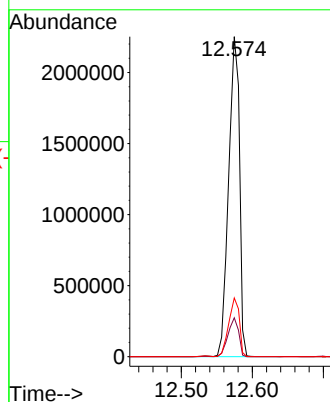
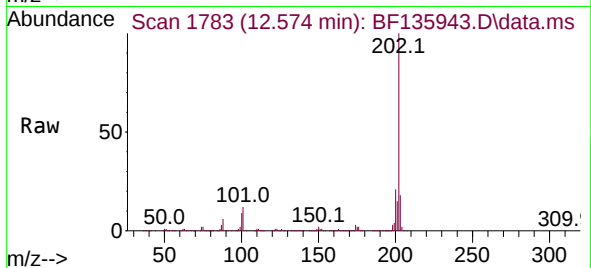




#75
Fluoranthene
Concen: 74.890 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

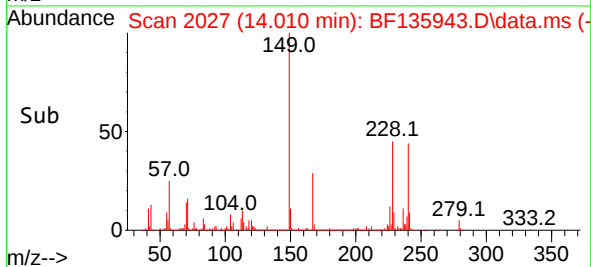
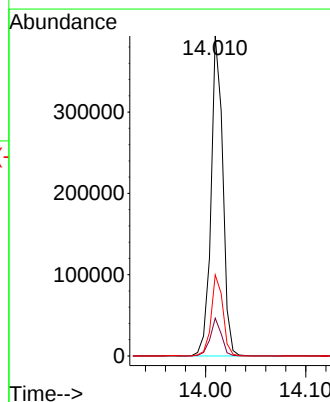
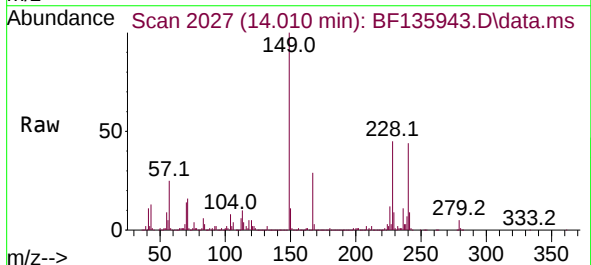
Instrument :
BNA_F
ClientSampleId :

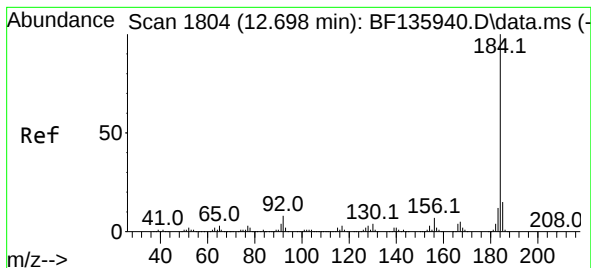
Tgt Ion:202 Resp: 2389998
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.6
203 18.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:240 Resp: 321974
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 25.4 20.6 30.8





#77

Benzidine

Concen: 64.917 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

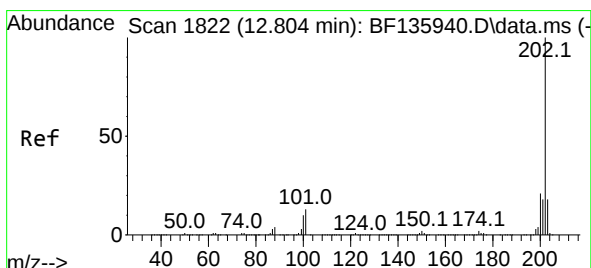
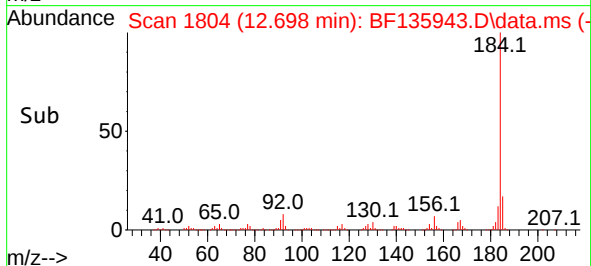
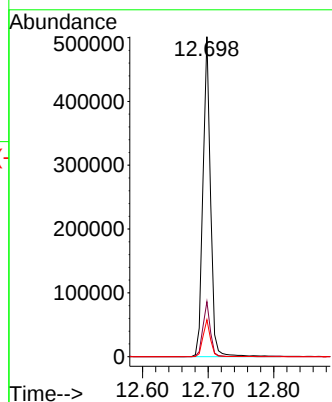
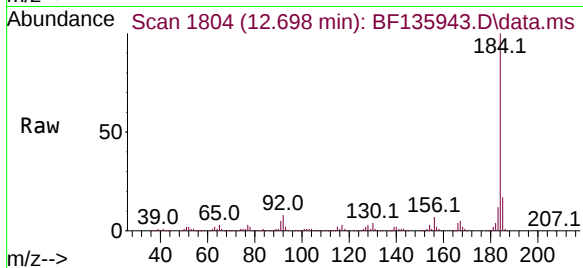
Tgt Ion:184 Resp: 403031

Ion Ratio Lower Upper

184 100

185 17.2 11.7 17.5

183 11.6 9.2 13.8



#78

Pyrene

Concen: 88.919 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

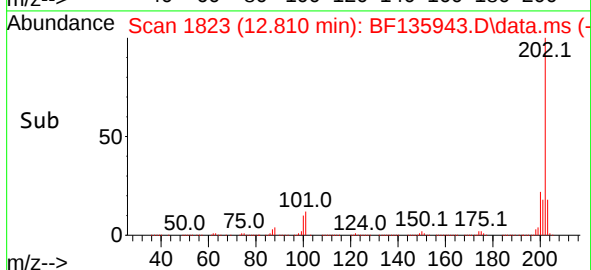
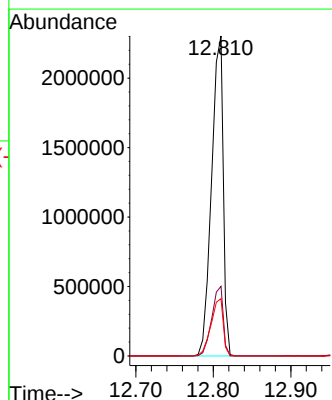
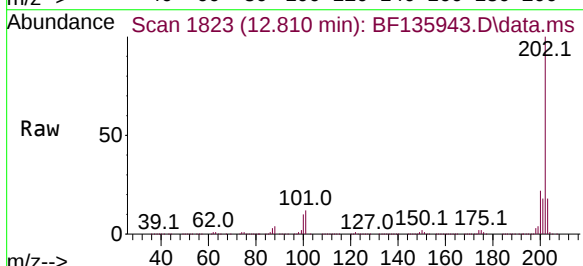
Tgt Ion:202 Resp: 2403873

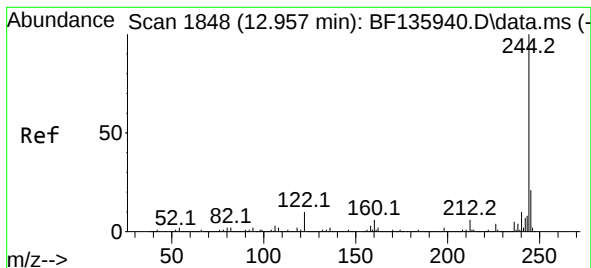
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

203 17.9 14.5 21.7





#79

Terphenyl-d14

Concen: 166.465 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

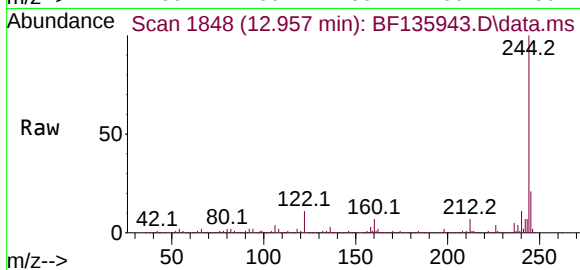
Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :



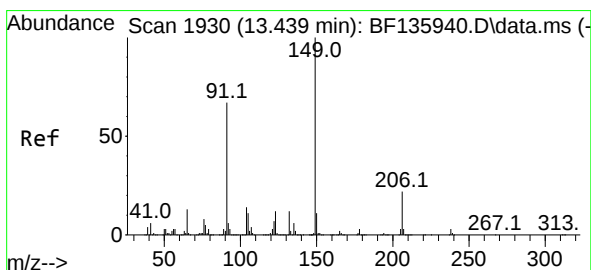
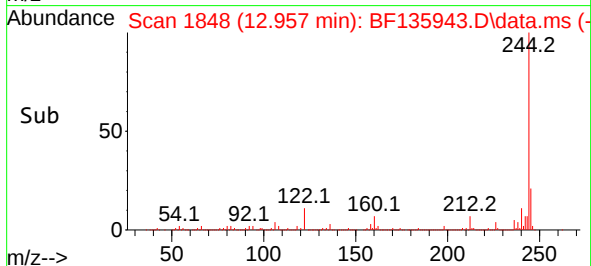
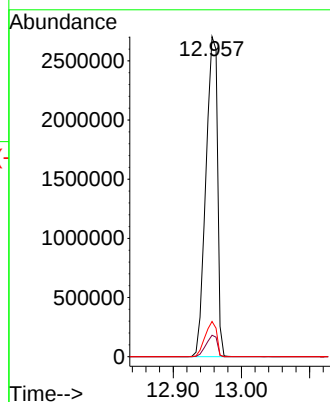
Tgt Ion:244 Resp: 3207945

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.6

122 11.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 81.643 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

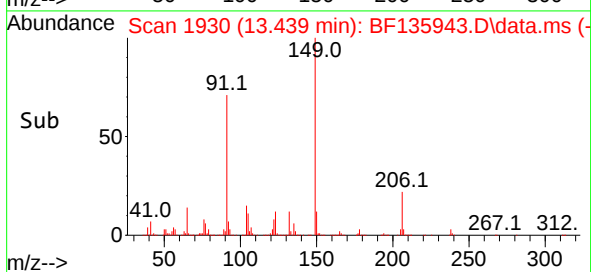
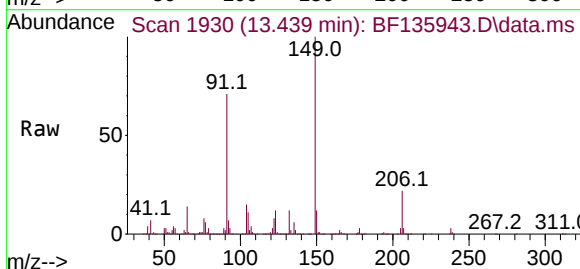
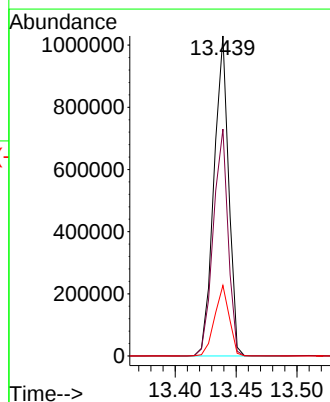
Tgt Ion:149 Resp: 863917

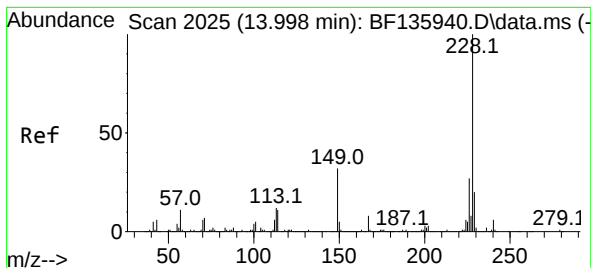
Ion Ratio Lower Upper

149 100

91 70.9 53.4 80.0

206 22.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 81.504 ng

RT: 13.998 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

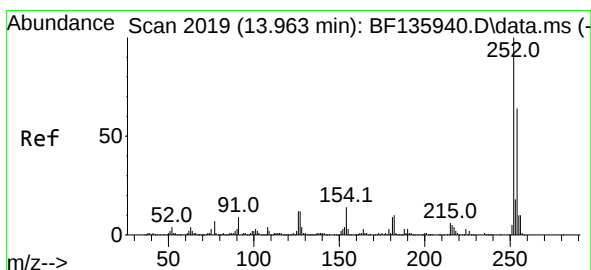
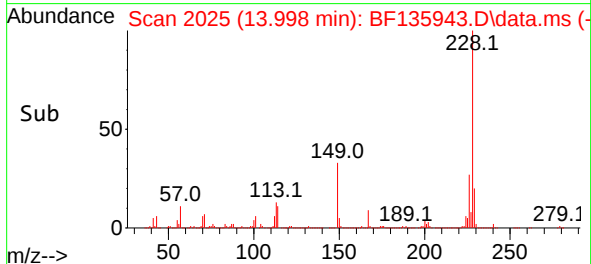
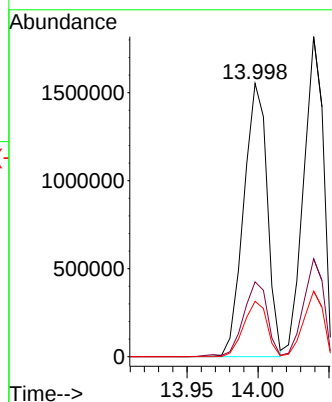
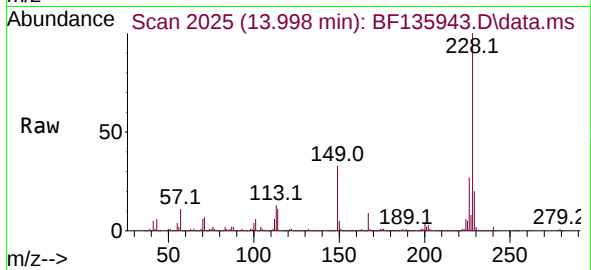
Tgt Ion:228 Resp: 1784318

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 20.3 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 82.206 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

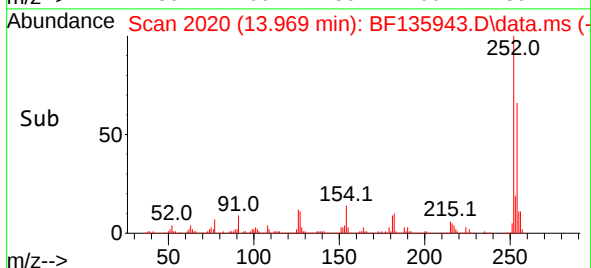
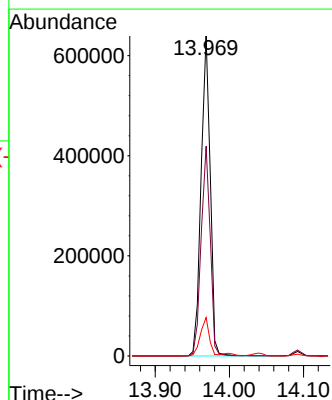
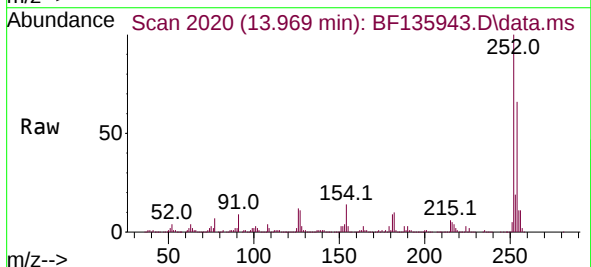
Tgt Ion:252 Resp: 547529

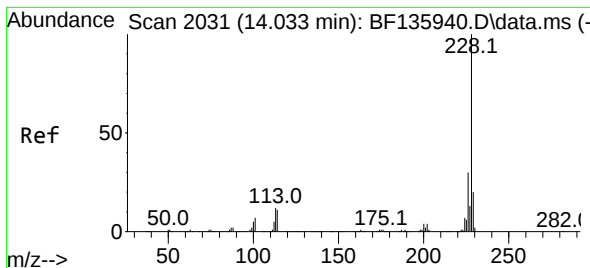
Ion Ratio Lower Upper

252 100

254 65.5 50.9 76.3

126 12.0 9.8 14.6





#83

Chrysene

Concen: 82.615 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

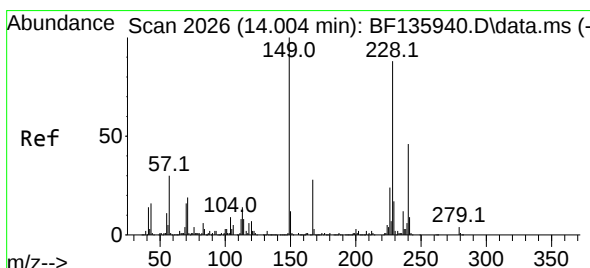
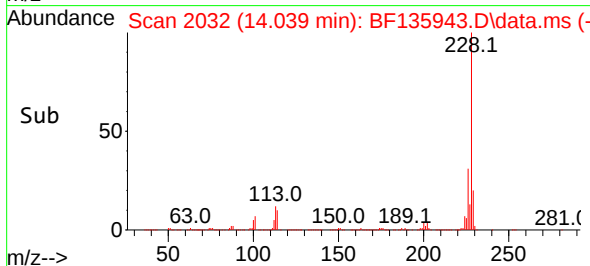
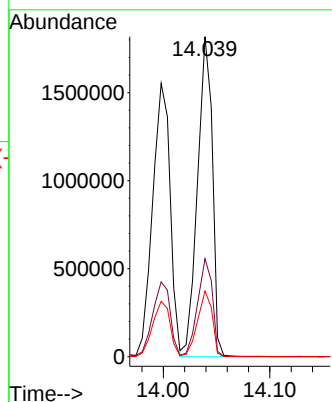
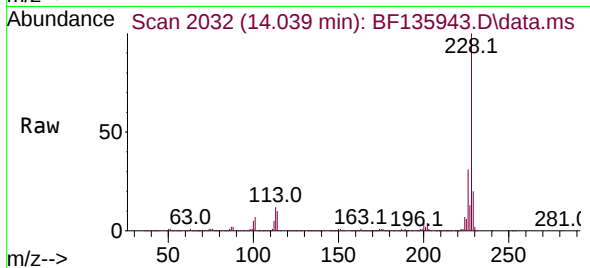
Tgt Ion:228 Resp: 1761550

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 20.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 86.363 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

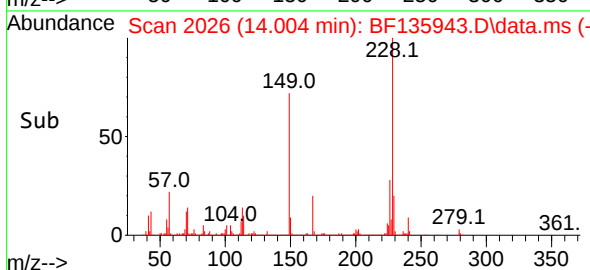
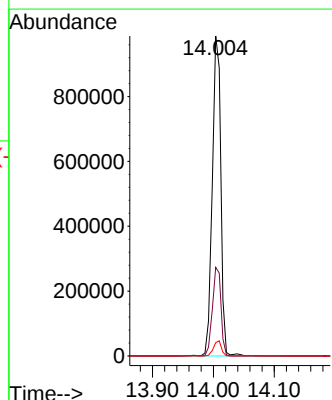
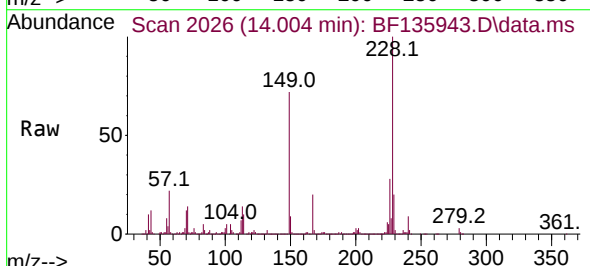
Tgt Ion:149 Resp: 960076

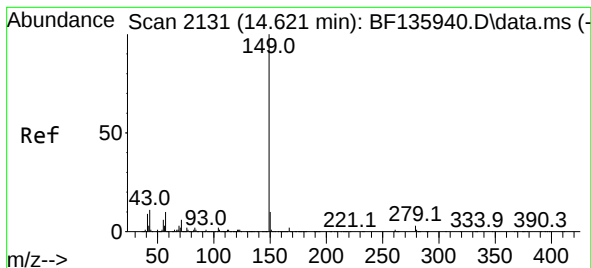
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 91.296 ng

RT: 14.627 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

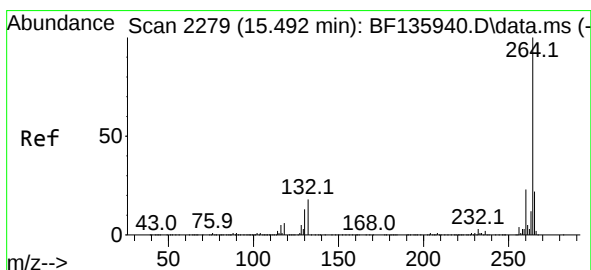
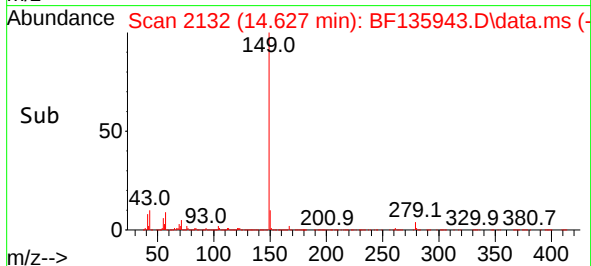
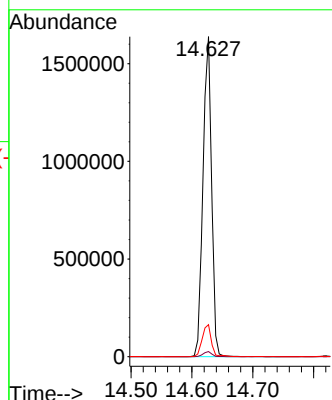
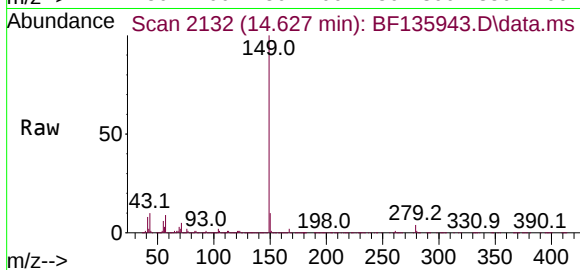
Tgt Ion:149 Resp: 1598787

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

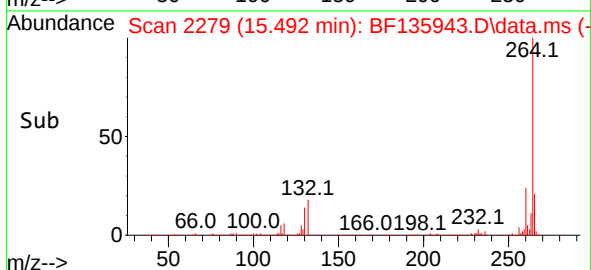
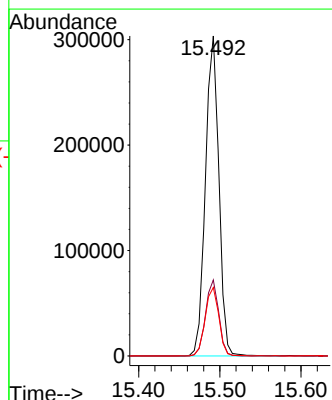
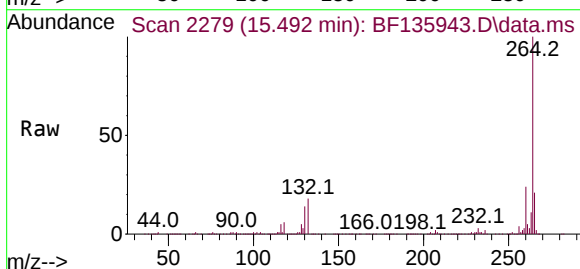
Tgt Ion:264 Resp: 348060

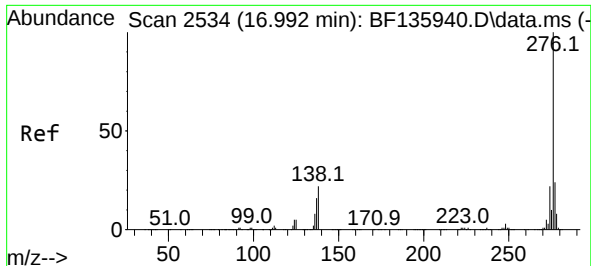
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

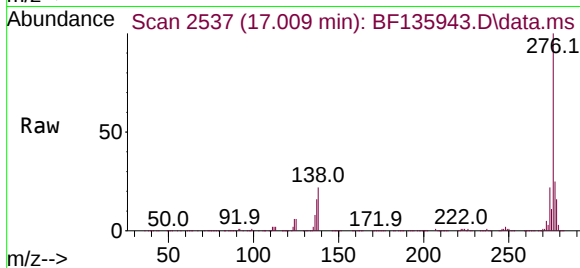
265 21.4 17.3 25.9



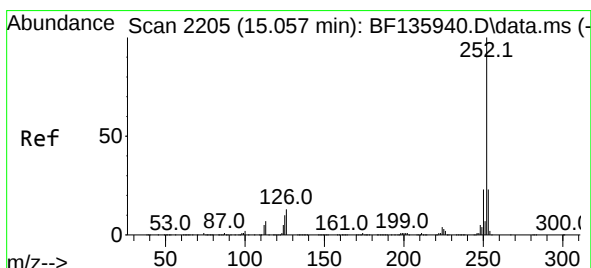
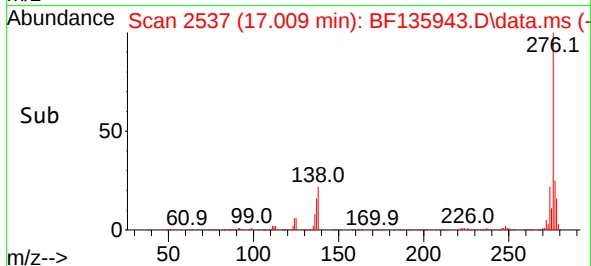
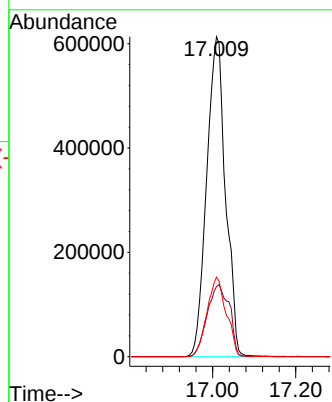


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 98.241 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09

Instrument :
 BNA_F
 ClientSampleId :

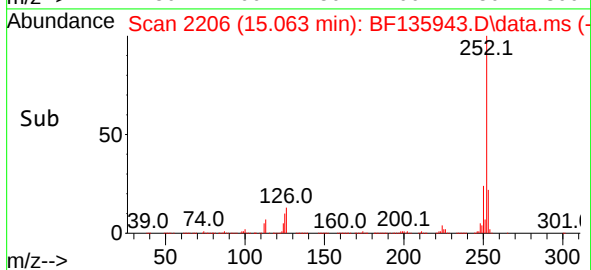
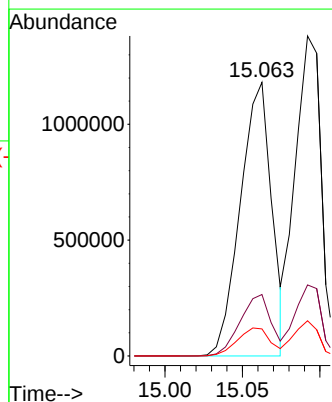
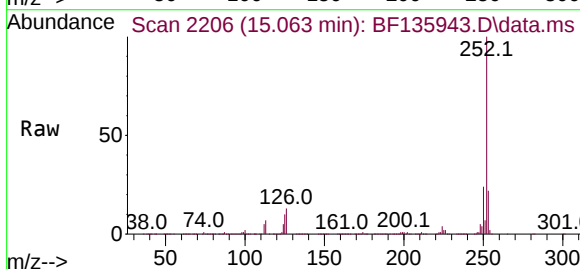


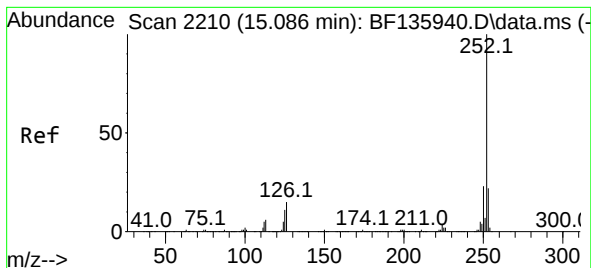
Tgt Ion:276 Resp: 1938902
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.8 32.6
 277 25.4 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 80.242 ng
 RT: 15.063 min Scan# 2206
 Delta R.T. 0.006 min
 Lab File: BF135943.D
 Acq: 25 Oct 2023 15:09

Tgt Ion:252 Resp: 1662131
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 79.033 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

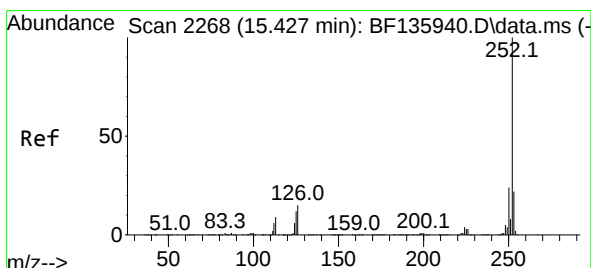
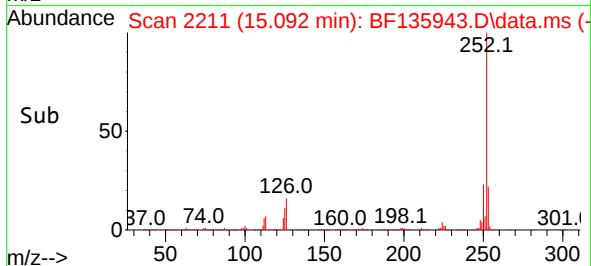
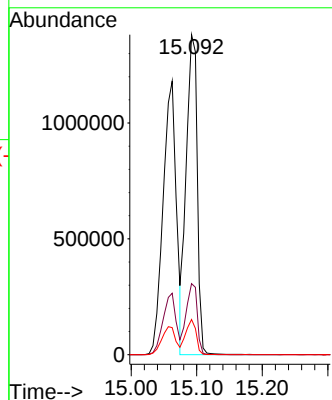
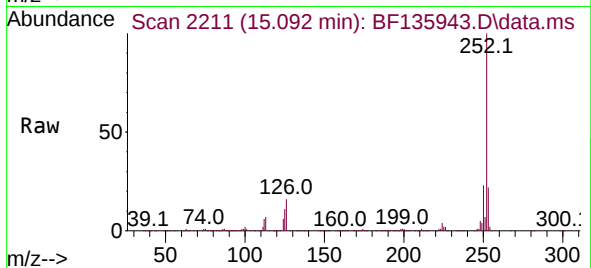
Tgt Ion:252 Resp: 1607811

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.0 8.5 12.7



#90

Benzo(a)pyrene

Concen: 84.334 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF135943.D

Acq: 25 Oct 2023 15:09

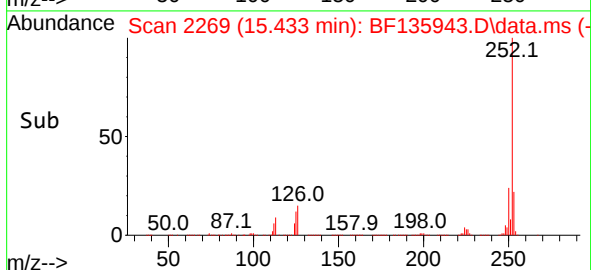
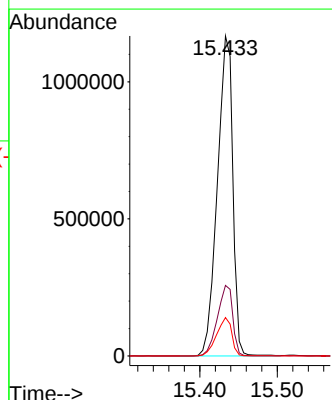
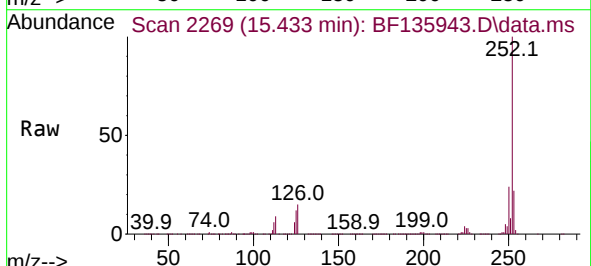
Tgt Ion:252 Resp: 1609997

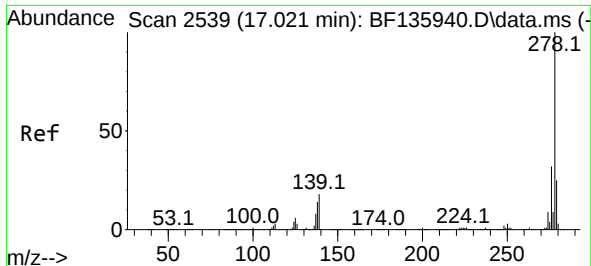
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

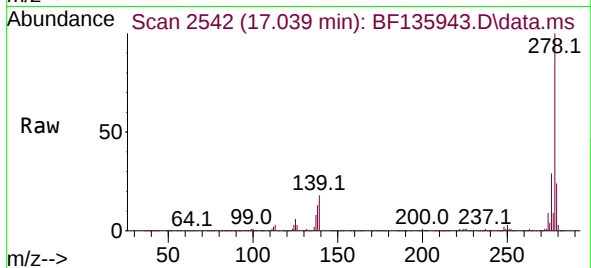
125 12.0 9.6 14.4



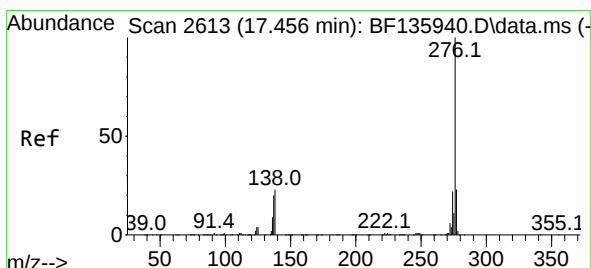
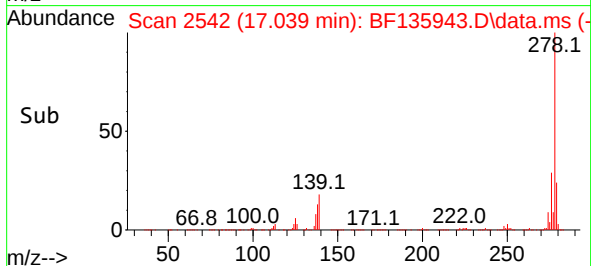
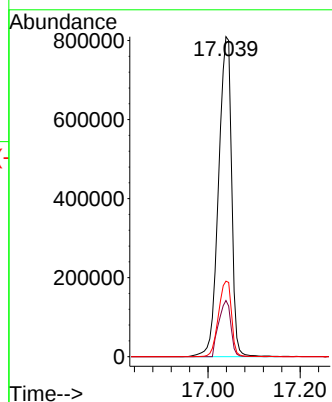


#91
Dibenzo(a,h)anthracene
Concen: 93.846 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 1584257
Ion Ratio Lower Upper
278 100
139 17.5 14.0 21.0
279 23.6 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 83.157 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.024 min
Lab File: BF135943.D
Acq: 25 Oct 2023 15:09

Tgt Ion:276 Resp: 1653427
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 22.7 18.4 27.6

