

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135351.D
 Acq On : 20 Sep 2023 11:52
 Operator : CG\JU
 Sample : PB155675BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155675BS

Quant Time: Sep 20 12:53:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	158746	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	629940	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	312398	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	595724	20.000	ng	0.00
76) Chrysene-d12	13.951	240	304835	20.000	ng	0.00
86) Perylene-d12	15.410	264	304832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1061917	108.800	ng	0.02
7) Phenol-d6	6.410	99	1369447	110.343	ng	0.00
23) Nitrobenzene-d5	7.328	82	885903	76.405	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	320600	103.270	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1481429	71.545	ng	0.00
79) Terphenyl-d14	12.886	244	1449000	73.687	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	176623	41.279	ng	95
3) Pyridine	3.322	79	334139	29.016	ng	98
4) n-Nitrosodimethylamine	3.281	42	274817	44.972	ng	100
6) Aniline	6.428	93	219791	13.505	ng	# 1
8) 2-Chlorophenol	6.545	128	465053	44.634	ng	100
10) Phenol	6.422	94	529011	38.872	ng	94
11) bis(2-Chloroethyl)ether	6.504	93	440102	43.113	ng	99
12) 1,3-Dichlorobenzene	6.698	146	445783	42.099	ng	99
13) 1,4-Dichlorobenzene	6.775	146	445864	41.387	ng	99
14) 1,2-Dichlorobenzene	6.928	146	417119	41.693	ng	98
15) Benzyl Alcohol	6.910	79	354540	39.810	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	837017	43.501	ng	94
17) 2-Methylphenol	7.028	107	382986	41.654	ng	# 94
18) Hexachloroethane	7.263	117	171381	43.054	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	291972	37.981	ng	94
20) 3+4-Methylphenols	7.181	107	420631	38.045	ng	# 83
22) Acetophenone	7.169	105	587526	40.795	ng	# 95
24) Nitrobenzene	7.345	77	478822	41.781	ng	100
25) Isophorone	7.587	82	898205	42.187	ng	99
26) 2-Nitrophenol	7.663	139	246880	44.885	ng	94
27) 2,4-Dimethylphenol	7.704	122	412541	44.621	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	551682	43.292	ng	100
29) 2,4-Dichlorophenol	7.904	162	368588	43.025	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	373418	41.702	ng	98
31) Naphthalene	8.063	128	1246045	40.711	ng	99
32) Benzoic acid	7.857	122	319646	45.914	ng	99
33) 4-Chloroaniline	8.116	127	256753	19.120	ng	99
34) Hexachlorobutadiene	8.175	225	213143	39.476	ng	99
35) Caprolactam	8.498	113	79891	27.786	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	406360	42.678	ng	99
37) 2-Methylnaphthalene	8.751	142	797185	38.747	ng	98
38) 1-Methylnaphthalene	8.851	142	749159	38.893	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	370944	40.986	ng	99
41) Hexachlorocyclopentadiene	8.904	237	229366	59.591	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	246252	41.557	ng	100
44) 2,4,5-Trichlorophenol	9.092	196	270438	39.630	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.222	154	982821	40.938	ng	98
47) 2-Chloronaphthalene	9.245	162	735531	42.227	ng	98
48) 2-Nitroaniline	9.351	65	296782	43.857	ng	99
49) Acenaphthylene	9.663	152	1149558	39.710	ng	100
50) Dimethylphthalate	9.528	163	880674	41.696	ng	99
51) 2,6-Dinitrotoluene	9.592	165	199782	43.178	ng	98
52) Acenaphthene	9.833	154	705679	41.265	ng	98
53) 3-Nitroaniline	9.763	138	187286	34.483	ng	97
54) 2,4-Dinitrophenol	9.881	184	221688	84.054	ng	93
55) Dibenzofuran	10.010	168	990845	37.969	ng	100
56) 4-Nitrophenol	9.945	139	288484	83.573	ng	97
57) 2,4-Dinitrotoluene	10.004	165	227568	39.286	ng	# 80
58) Fluorene	10.351	166	781297	38.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	225094	42.880	ng	99
60) Diethylphthalate	10.233	149	869350	41.013	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	361051	37.465	ng	98
62) 4-Nitroaniline	10.386	138	230221	44.097	ng	98
63) Azobenzene	10.504	77	876306	42.241	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	153873	48.631	ng	97
66) n-Nitrosodiphenylamine	10.469	169	748151	41.483	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	236170	39.861	ng	94
68) Hexachlorobenzene	10.898	284	256479	42.491	ng	# 92
69) Atrazine	10.992	200	69940	14.412	ng	99
70) Pentachlorophenol	11.098	266	252709	69.975	ng	99
71) Phenanthrene	11.316	178	1172760	41.624	ng	98
72) Anthracene	11.369	178	1188960	41.054	ng	100
73) Carbazole	11.527	167	1164343	44.164	ng	100
74) Di-n-butylphthalate	11.857	149	1320865	42.518	ng	99
75) Fluoranthene	12.510	202	1240648	42.259	ng	98
77) Benzidine	12.639	184	91116	14.590	ng	97
78) Pyrene	12.739	202	1267245	43.664	ng	100
80) Butylbenzylphthalate	13.363	149	475733	46.557	ng	96
81) Benzo(a)anthracene	13.939	228	829544	42.143	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	260205	42.321	ng	97
83) Chrysene	13.974	228	817965	41.796	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	523006	49.877	ng	99
85) Di-n-octyl phthalate	14.545	149	847591	50.863	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	902103	45.135	ng	97
88) Benzo(b)fluoranthene	14.986	252	853103	51.698	ng	# 97
89) Benzo(k)fluoranthene	14.986	252	853103	52.335	ng	98
90) Benzo(a)pyrene	15.351	252	719546	45.725	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	745748	45.602	ng	99
92) Benzo(g,h,i)perylene	17.351	276	787689	46.120	ng	96

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

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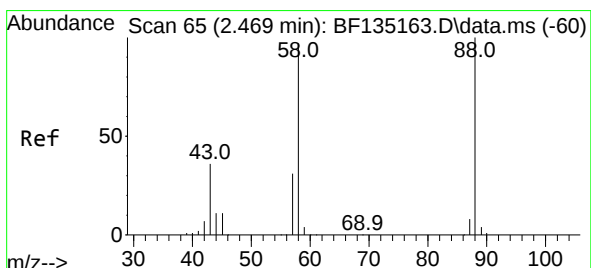
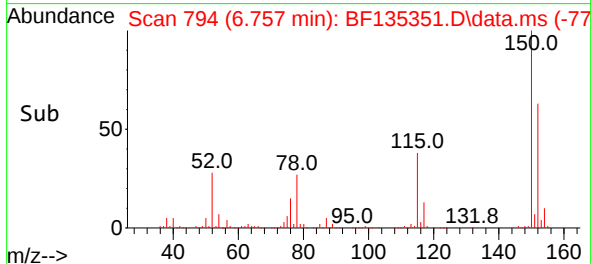
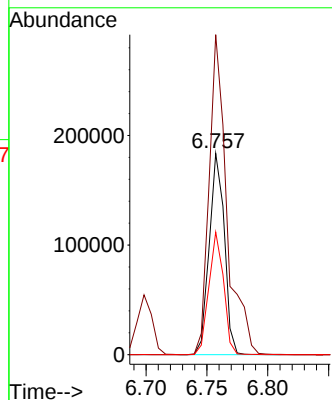
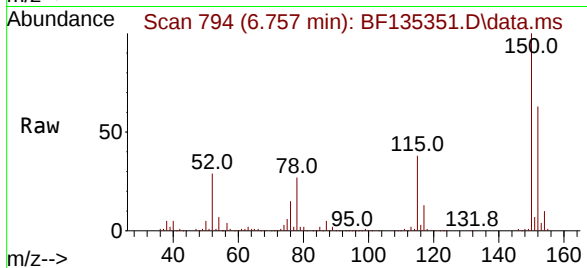




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135351.D
 Acq: 20 Sep 2023 11:52

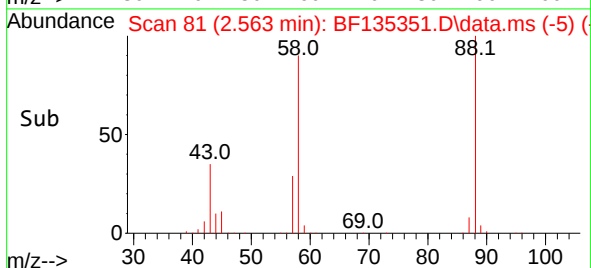
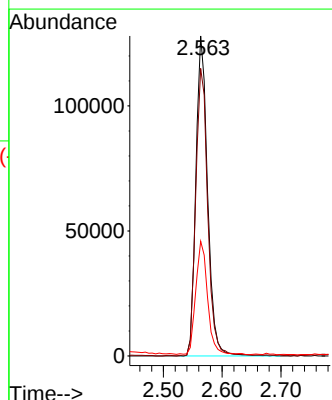
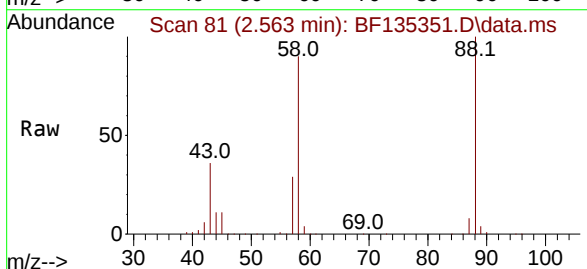
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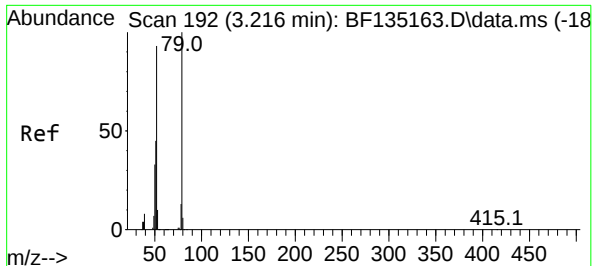
Tgt Ion:152 Resp: 158746
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.8 191.6
 115 60.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 41.279 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.094 min
 Lab File: BF135351.D
 Acq: 20 Sep 2023 11:52

Tgt Ion: 88 Resp: 176623
 Ion Ratio Lower Upper
 88 100
 58 92.2 78.3 117.5
 43 36.0 29.4 44.0

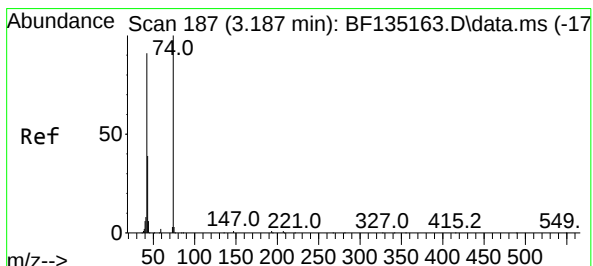
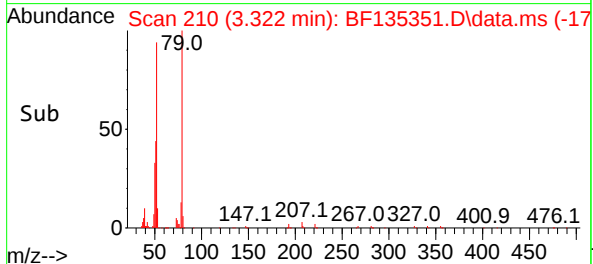
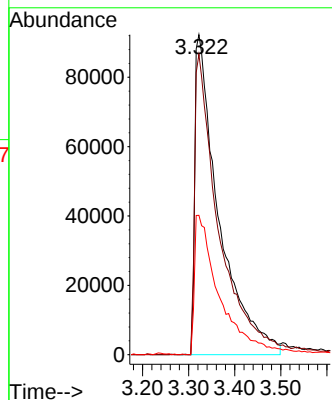
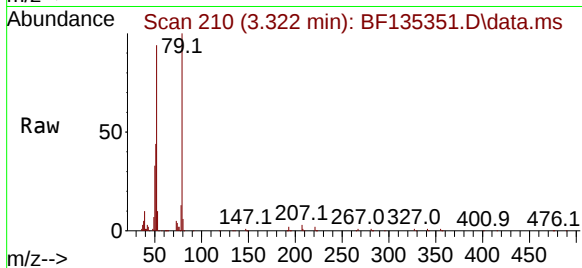




#3
Pyridine
Concen: 29.016 ng
RT: 3.322 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

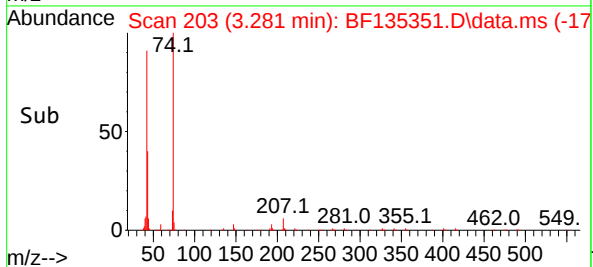
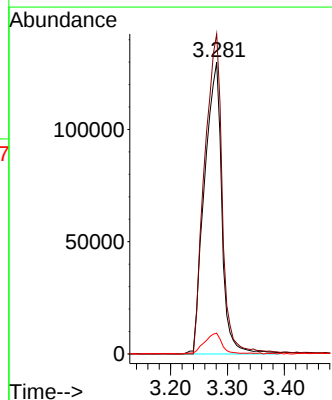
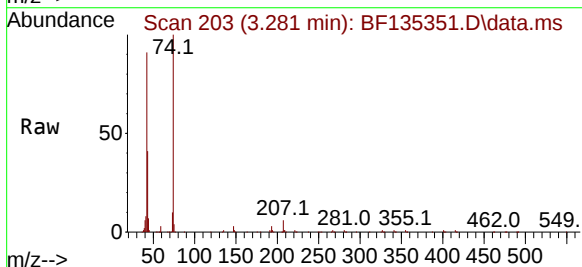
Instrument :
BNA_F
ClientSampleId :
PB155675BS

Tgt Ion: 79 Resp: 334139
Ion Ratio Lower Upper
79 100
52 93.9 74.1 111.1
51 43.6 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 44.972 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.094 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 42 Resp: 274817
Ion Ratio Lower Upper
42 100
74 109.7 87.7 131.5
44 7.2 5.6 8.4

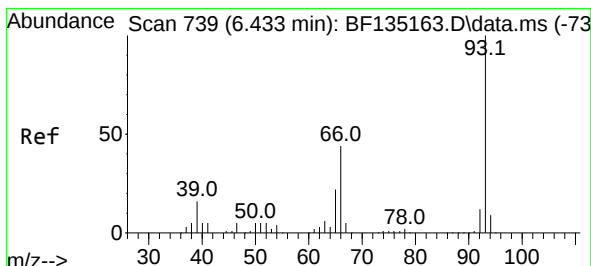
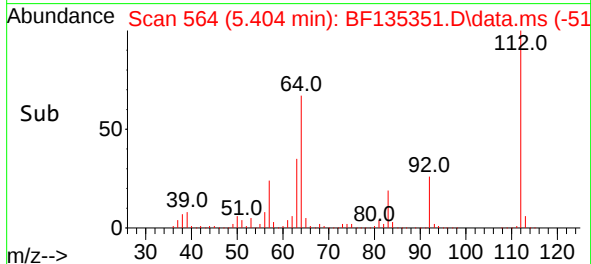
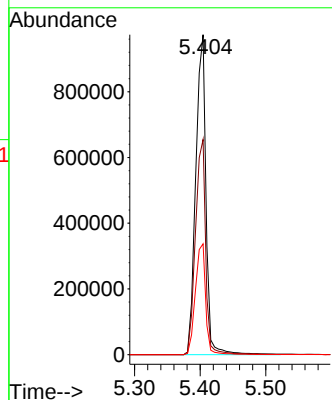
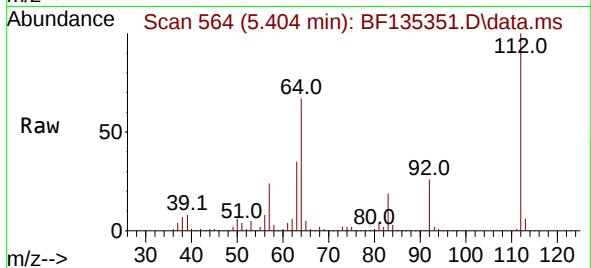




#5
2-Fluorophenol
Concen: 108.800 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

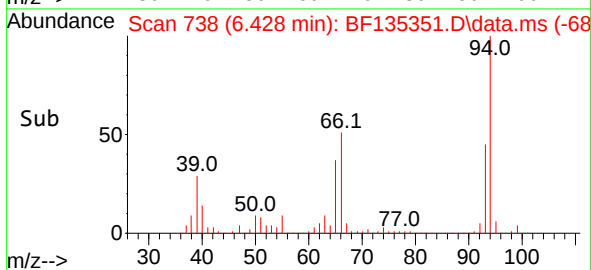
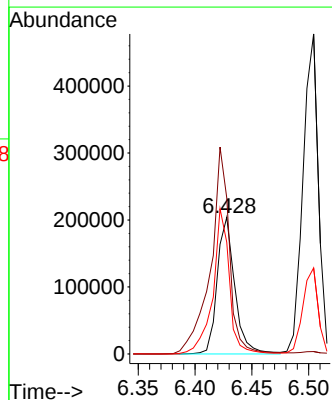
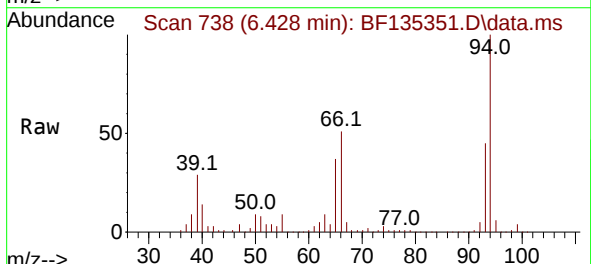
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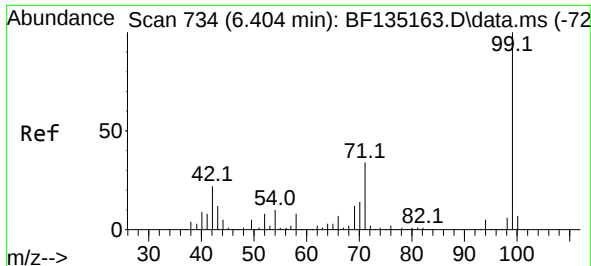
Tgt Ion:112 Resp: 1061917
Ion Ratio Lower Upper
112 100
64 67.2 55.9 83.9
63 34.6 29.0 43.6



#6
Aniline
Concen: 13.505 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 93 Resp: 219791
Ion Ratio Lower Upper
93 100
66 114.2 35.4 53.0#
65 81.8 17.8 26.8#

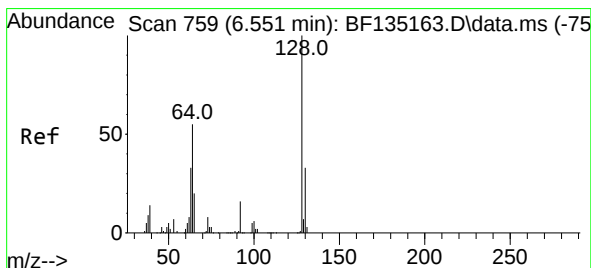
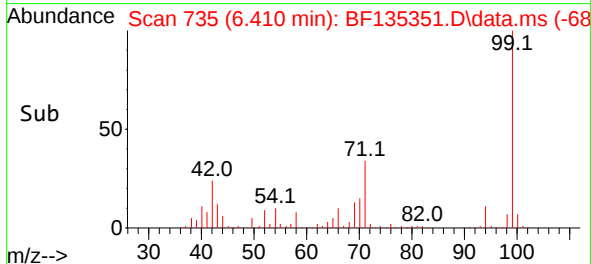
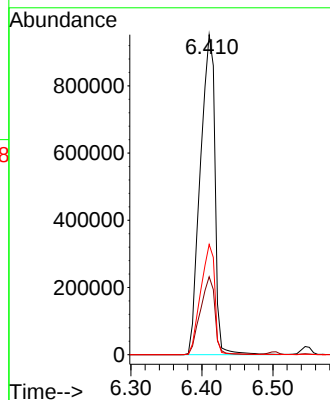
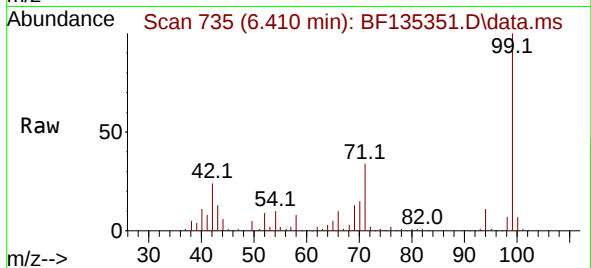




#7
Phenol-d6
Concen: 110.343 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135351.D
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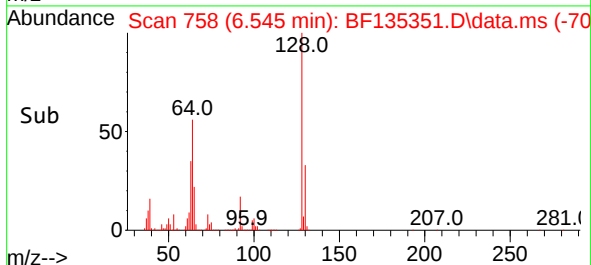
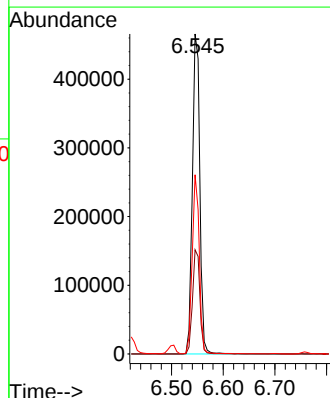
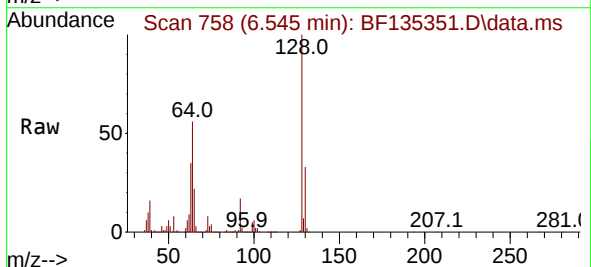
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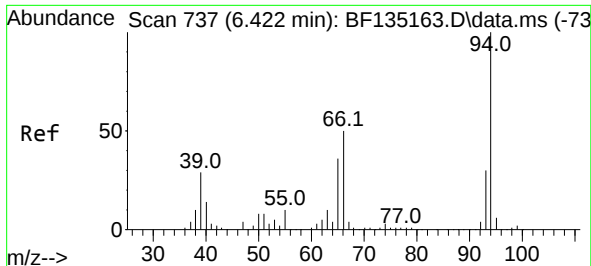
Tgt Ion: 99 Resp: 1369447
Ion Ratio Lower Upper
99 100
42 24.4 17.9 26.9
71 34.4 27.0 40.6



#8
2-Chlorophenol
Concen: 44.634 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 465053
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 56.0 35.9 75.9

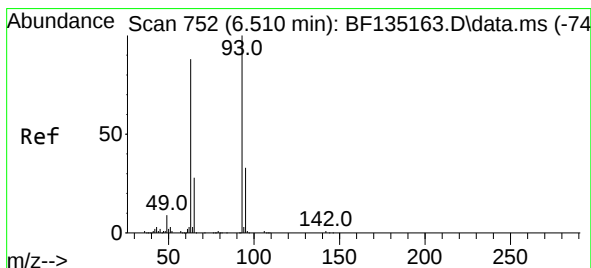
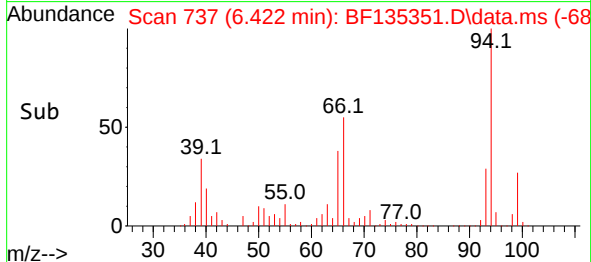
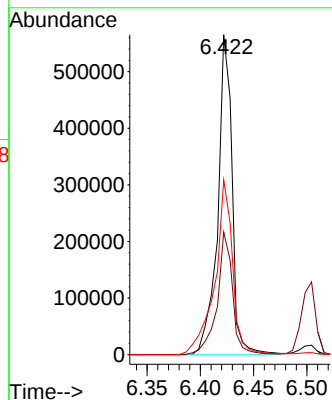
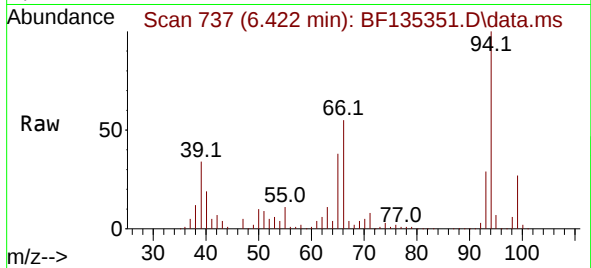




#10
Phenol
Concen: 38.872 ng
RT: 6.422 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

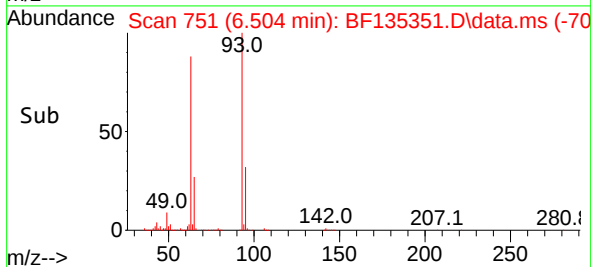
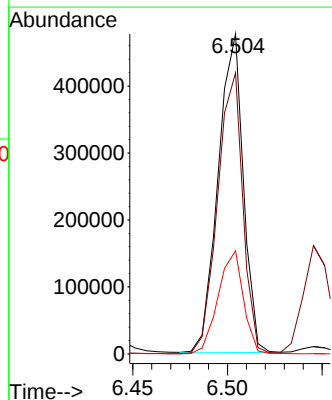
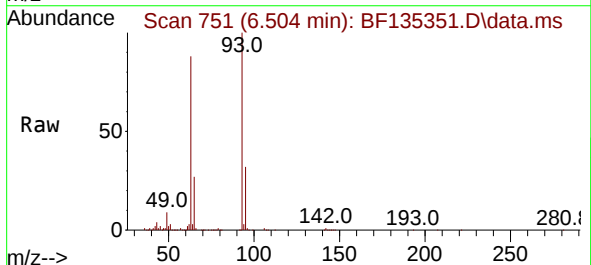
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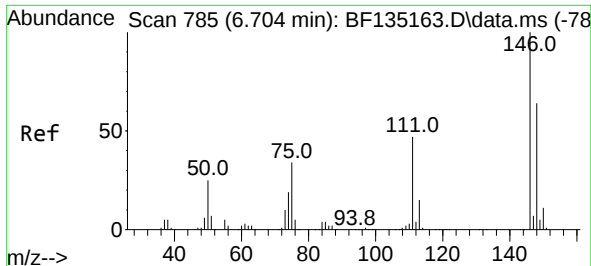
Tgt Ion: 94 Resp: 529011
Ion Ratio Lower Upper
94 100
65 38.4 15.9 55.9
66 54.6 29.8 69.8



#11
bis(2-Chloroethyl)ether
Concen: 43.113 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 93 Resp: 440102
Ion Ratio Lower Upper
93 100
63 87.8 67.3 107.3
95 32.3 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 42.099 ng

RT: 6.698 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF135351.D

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Instrument :

BNA_F

ClientSampleId :

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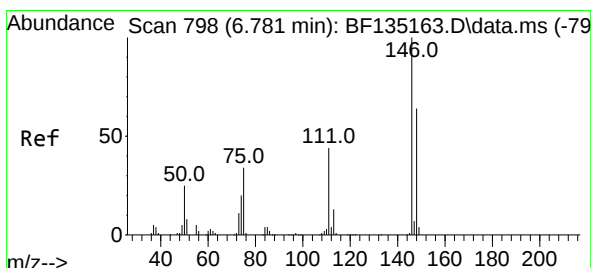
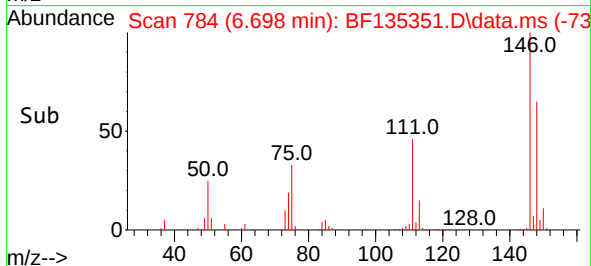
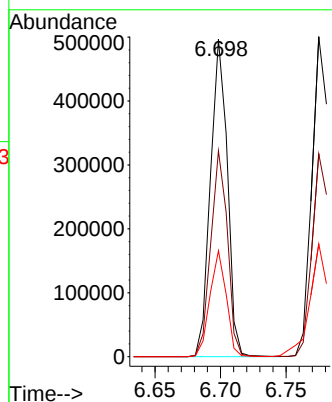
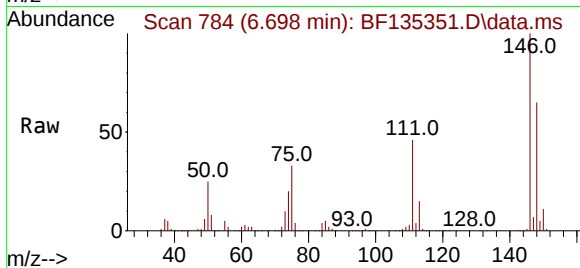
Tgt Ion:146 Resp: 445783

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

75 33.3 27.4 41.2



#13

1,4-Dichlorobenzene

Concen: 41.387 ng

RT: 6.775 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

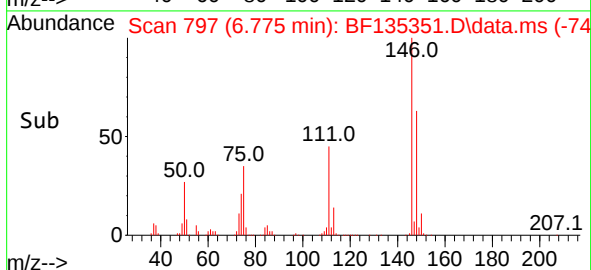
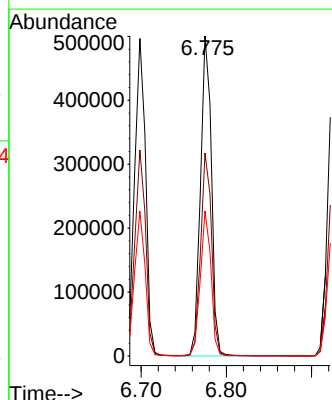
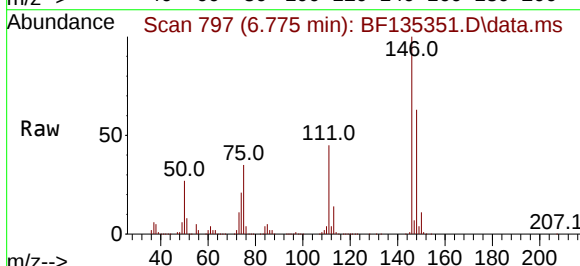
Tgt Ion:146 Resp: 445864

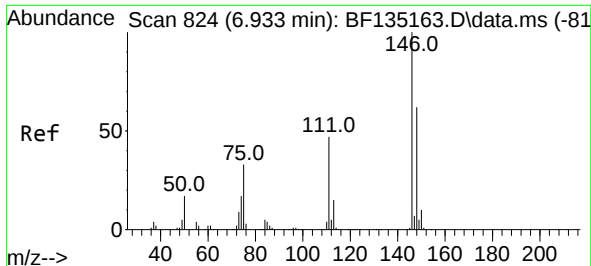
Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

111 45.3 35.1 52.7

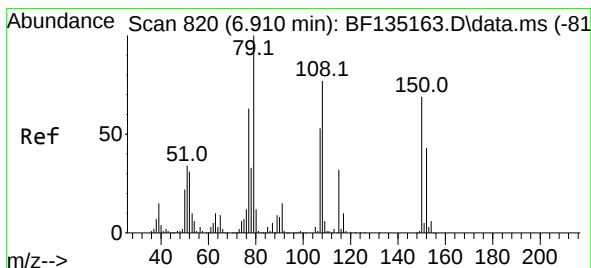
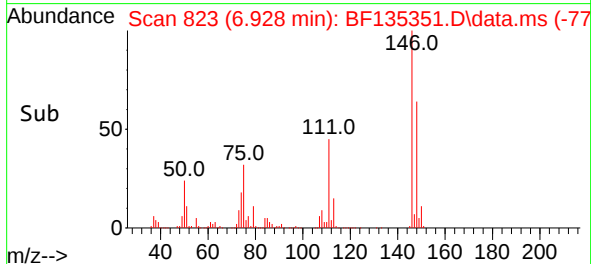
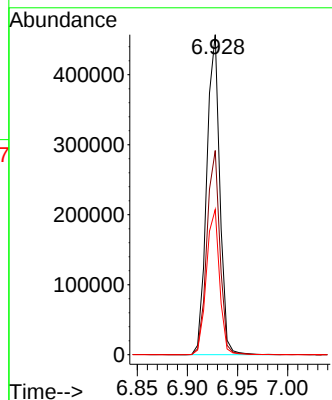
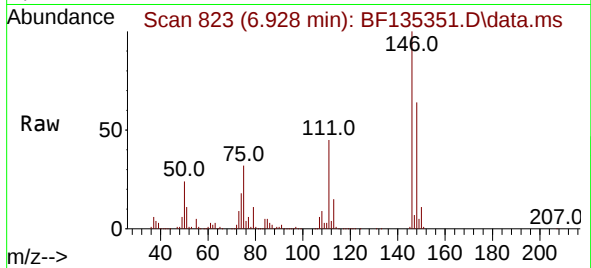




#14
1,2-Dichlorobenzene
Concen: 41.693 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

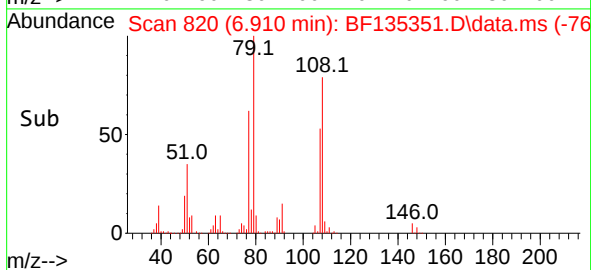
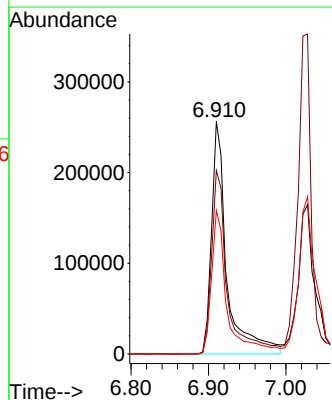
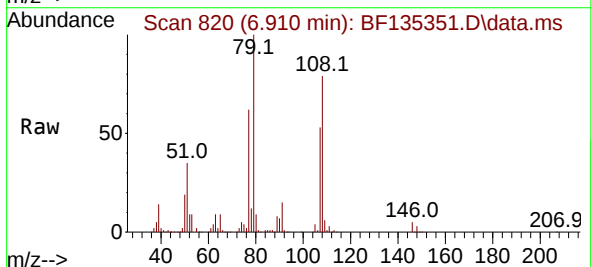
Instrument :
BNA_F
ClientSampleId :
PB155675BS

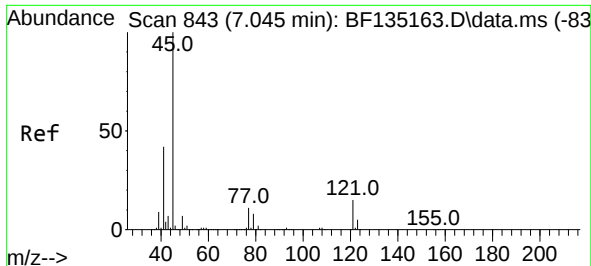
Tgt Ion:146 Resp: 417119
Ion Ratio Lower Upper
146 100
148 63.8 49.7 74.5
111 45.4 37.4 56.2



#15
Benzyl Alcohol
Concen: 39.810 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 79 Resp: 354540
Ion Ratio Lower Upper
79 100
108 78.9 61.2 91.8
77 61.7 50.5 75.7

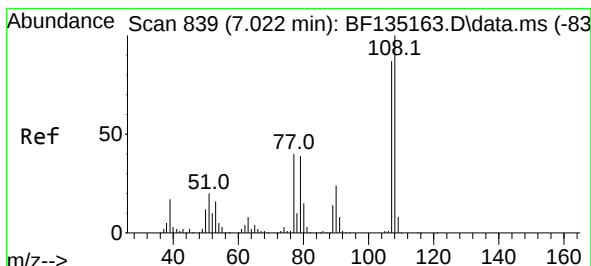
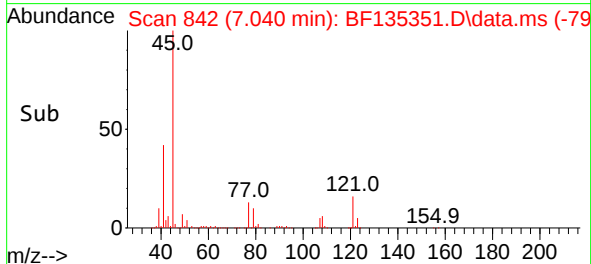
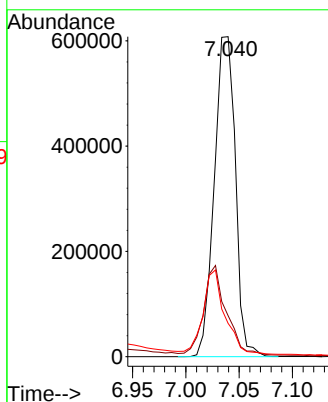
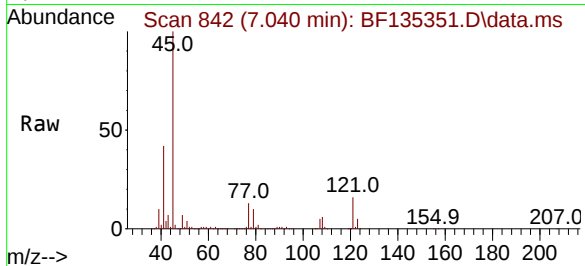




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.501 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

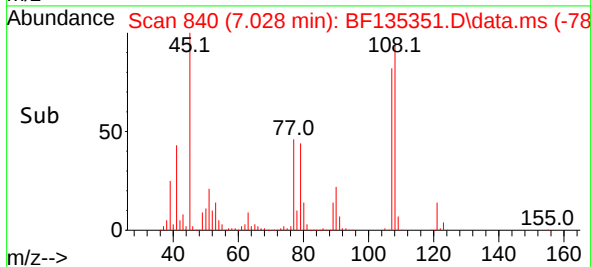
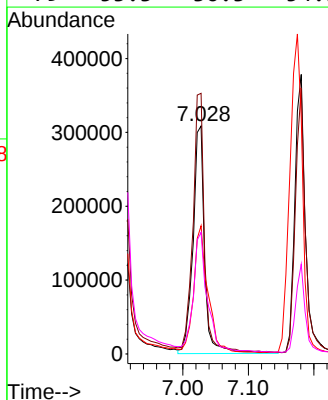
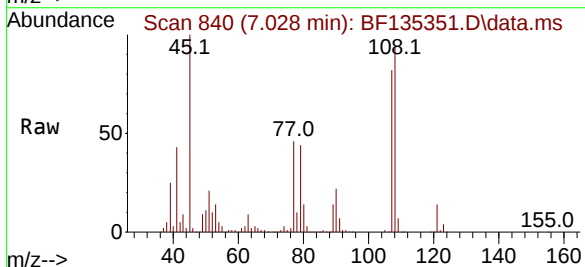
Instrument :
BNA_F
ClientSampleId :
PB155675BS

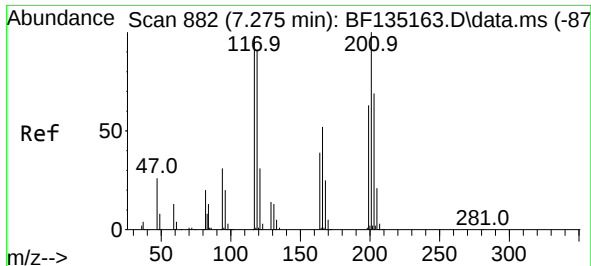
Tgt Ion: 45 Resp: 837017
Ion Ratio Lower Upper
45 100
77 12.8 0.0 30.6
79 10.4 0.0 28.3



#17
2-Methylphenol
Concen: 41.654 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:107 Resp: 382986
Ion Ratio Lower Upper
107 100
108 114.3 92.0 138.0
77 56.2 36.7 55.1#
79 53.3 36.3 54.5

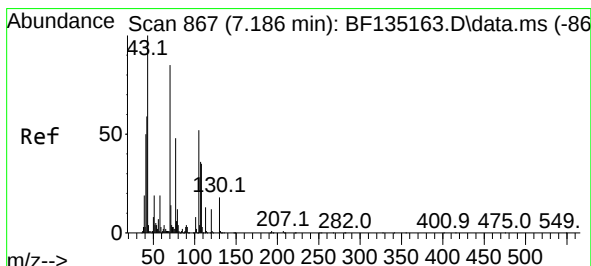
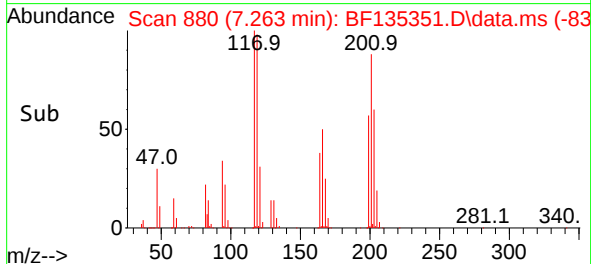
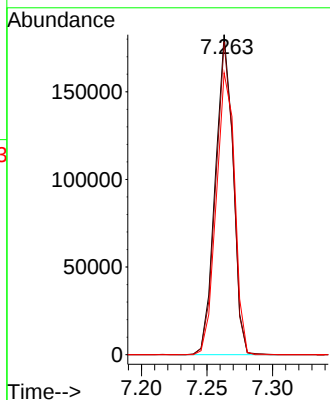
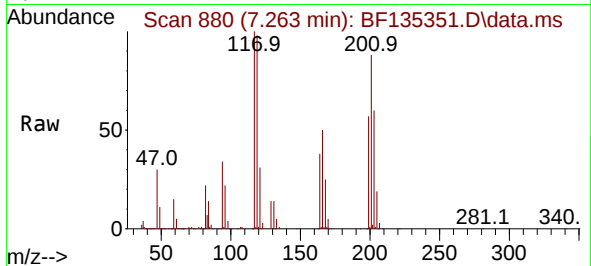




#18
Hexachloroethane
Concen: 43.054 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

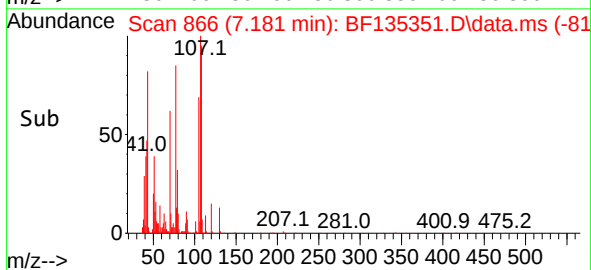
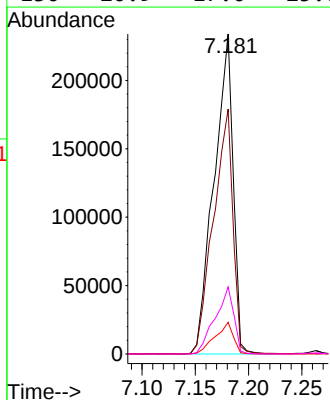
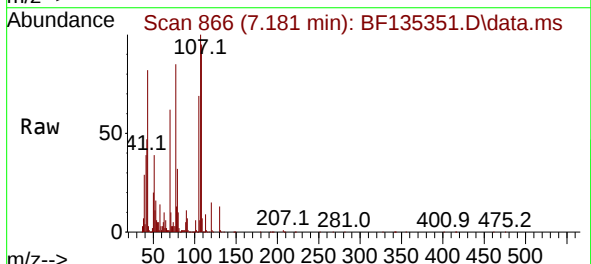
Instrument :
BNA_F
ClientSampleId :
PB155675BS

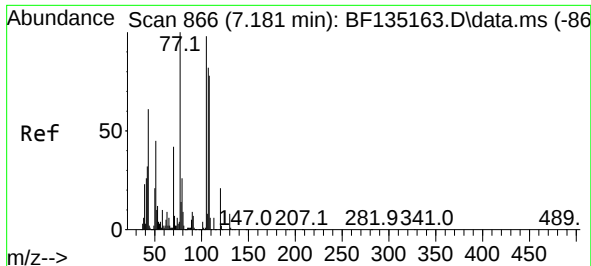
Tgt Ion:117 Resp: 171381
Ion Ratio Lower Upper
117 100
119 97.8 74.7 112.1
201 88.1 81.8 122.8



#19
n-Nitroso-di-n-propylamine
Concen: 37.981 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 70 Resp: 291972
Ion Ratio Lower Upper
70 100
42 76.5 55.4 83.0
101 9.9 7.7 11.5
130 20.9 17.0 25.6

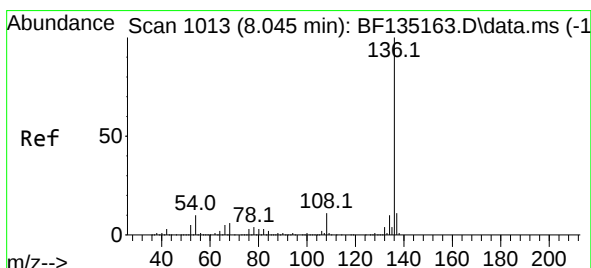
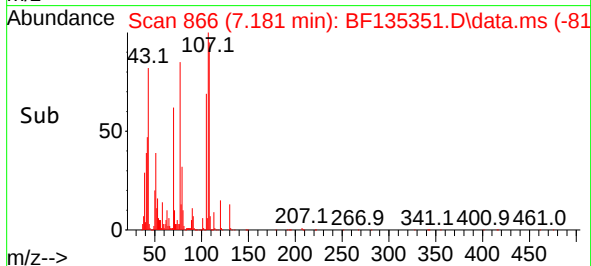
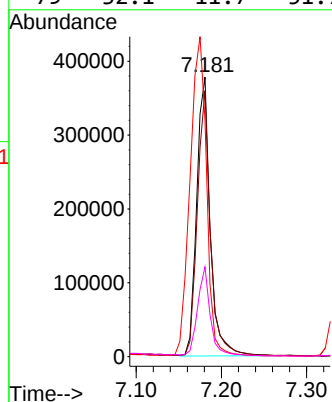
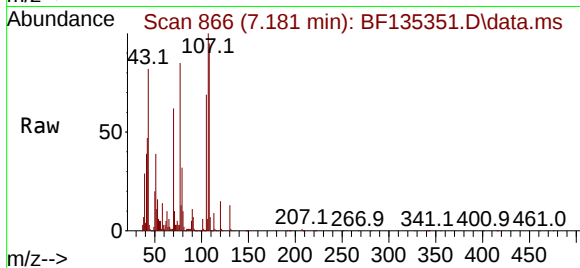




#20
3+4-Methylphenols
Concen: 38.045 ng
RT: 7.181 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

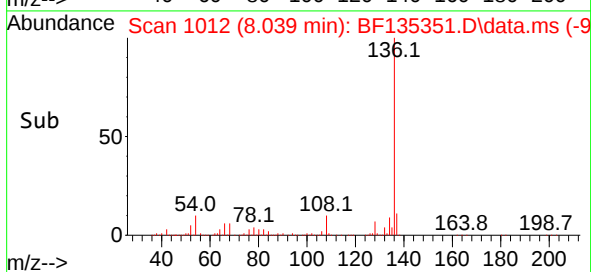
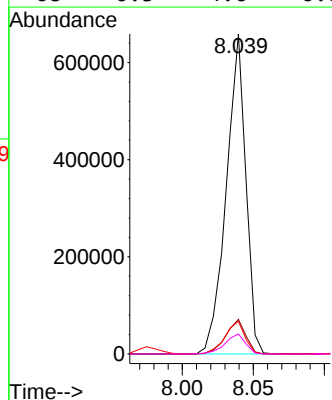
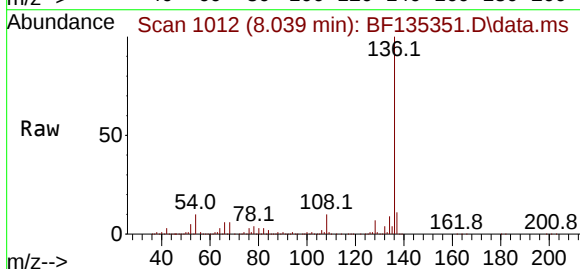
Instrument :
BNA_F
ClientSampleId :
PB155675BS

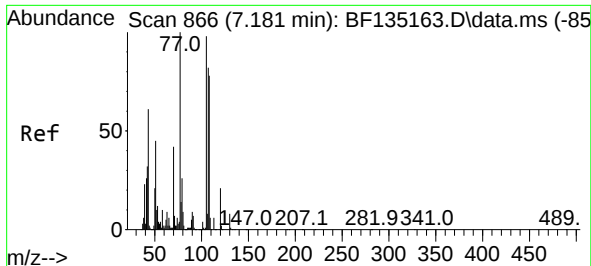
Tgt Ion:107 Resp: 420631
Ion Ratio Lower Upper
107 100
108 95.2 74.7 114.7
77 84.5 102.0 142.0#
79 32.1 11.7 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:136 Resp: 629940
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 7.7 11.5
68 6.3 4.6 6.8

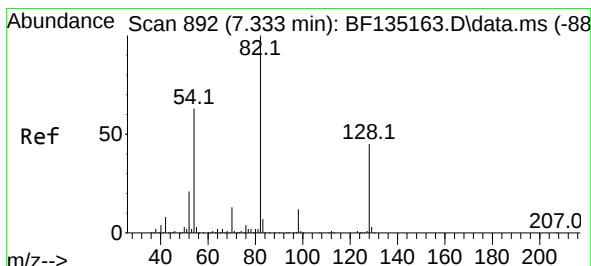
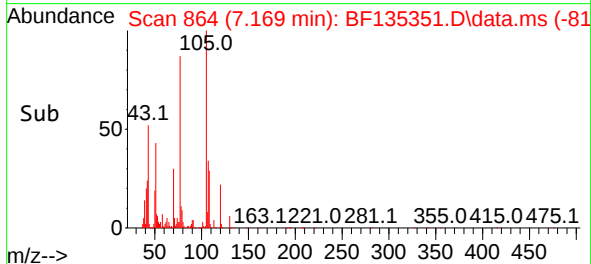
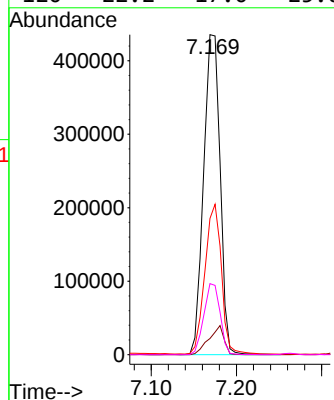
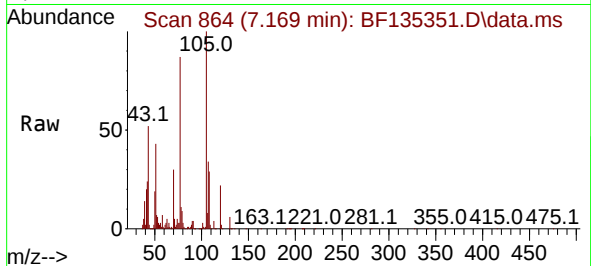




#22
Acetophenone
Concen: 40.795 ng
RT: 7.169 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

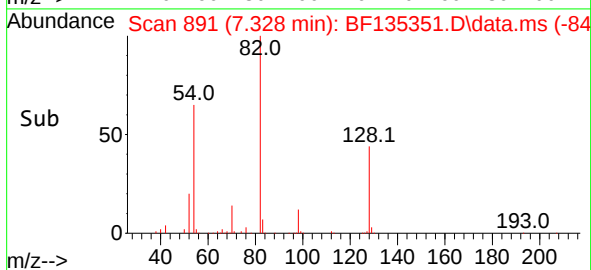
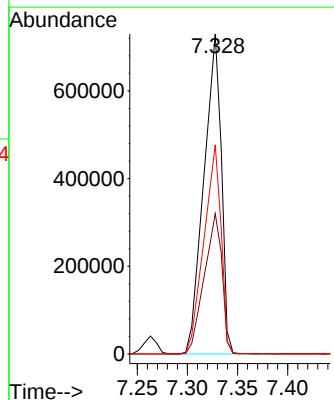
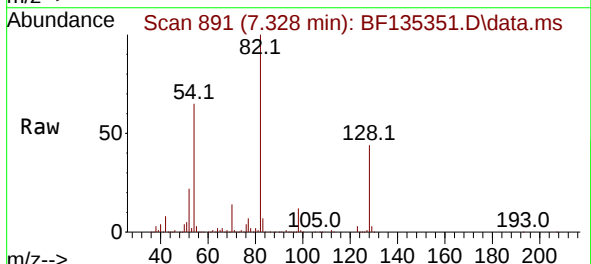
Instrument :
BNA_F
ClientSampleId :
PB155675BS

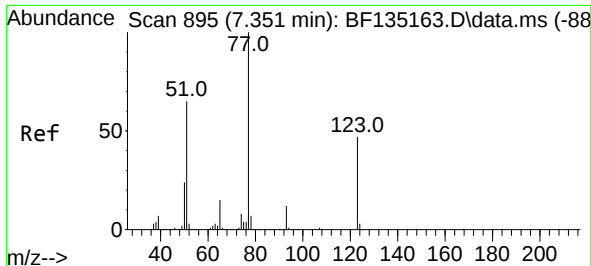
Tgt Ion: 105 Resp: 587526
Ion Ratio Lower Upper
105 100
71 5.1 5.8 8.6#
51 42.5 37.0 55.4
120 22.2 17.0 25.6



#23
Nitrobenzene-d5
Concen: 76.405 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 82 Resp: 885903
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 65.4 50.6 76.0

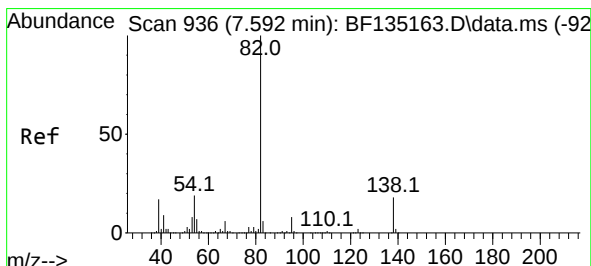
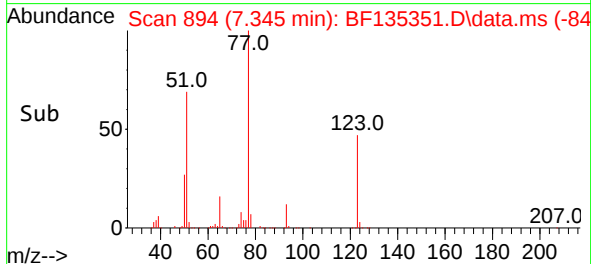
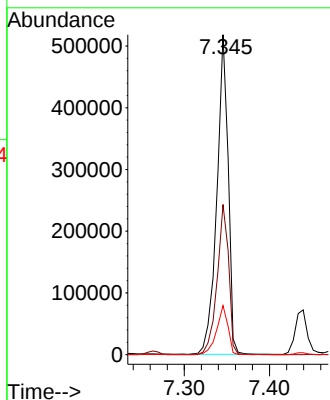
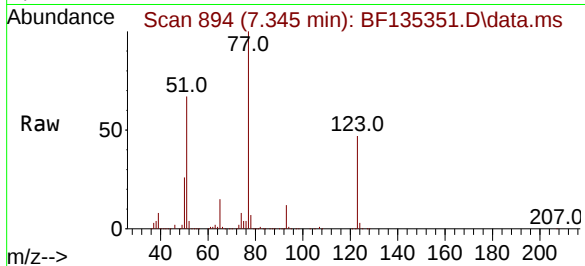




#24
Nitrobenzene
Concen: 41.781 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

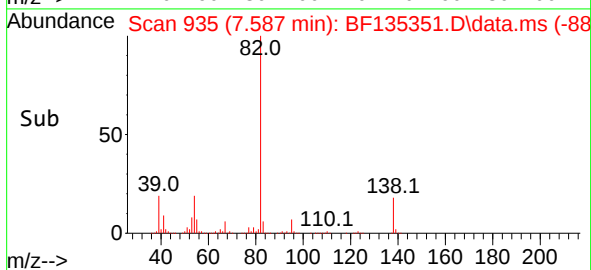
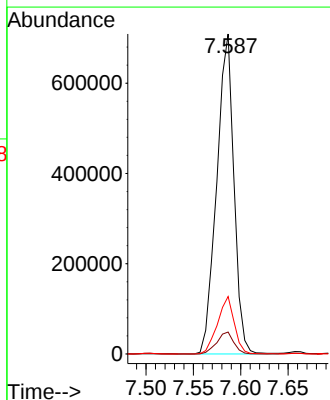
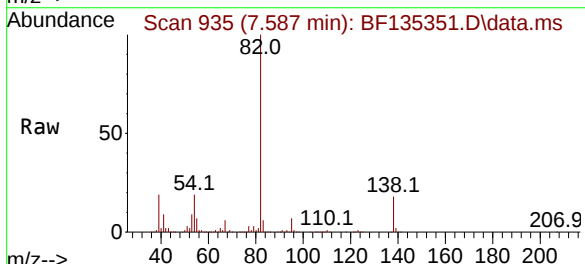
Instrument :
BNA_F
ClientSampleId :
PB155675BS

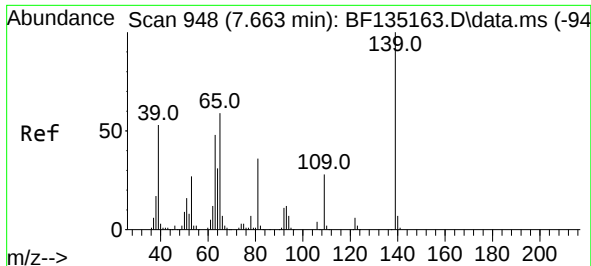
Tgt Ion: 77 Resp: 478822
Ion Ratio Lower Upper
77 100
123 47.0 37.6 56.4
65 15.3 12.2 18.4



#25
Isophorone
Concen: 42.187 ng
RT: 7.587 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 82 Resp: 898205
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.9 14.5 21.7

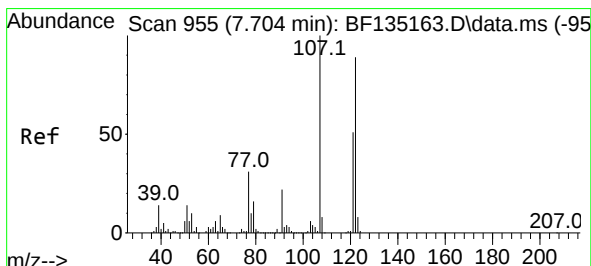
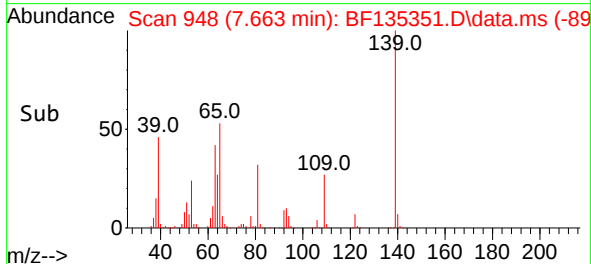
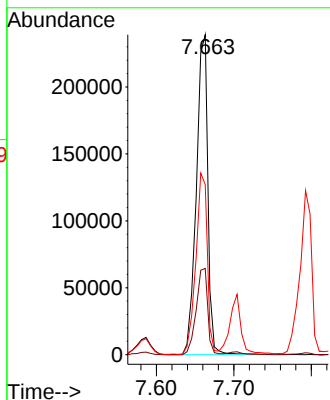
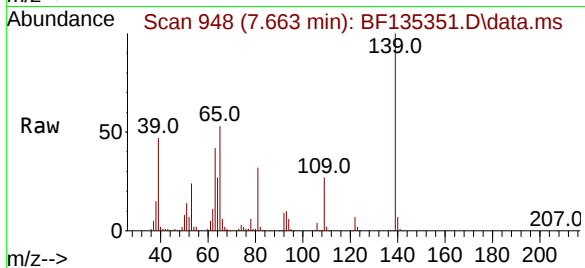




#26
2-Nitrophenol
Concen: 44.885 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

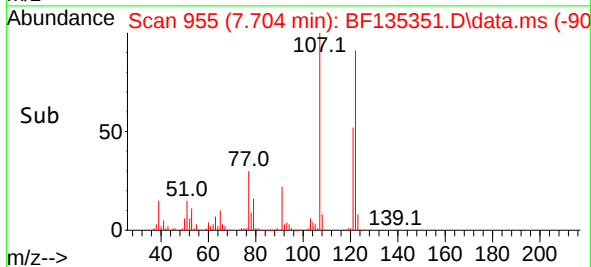
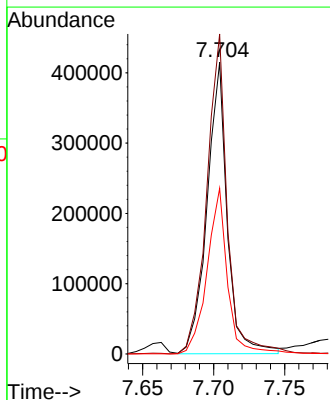
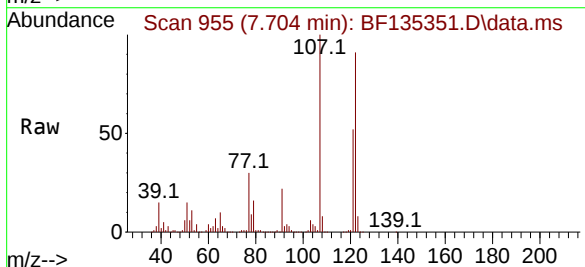
Instrument :
BNA_F
ClientSampleId :
PB155675BS

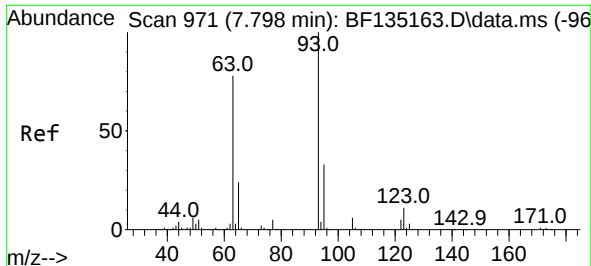
Tgt Ion:139 Resp: 246880
Ion Ratio Lower Upper
139 100
109 26.9 22.6 33.8
65 53.2 47.0 70.4



#27
2,4-Dimethylphenol
Concen: 44.621 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:122 Resp: 412541
Ion Ratio Lower Upper
122 100
107 109.7 90.2 135.4
121 56.8 46.3 69.5

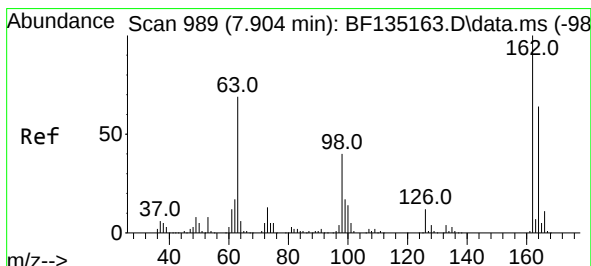
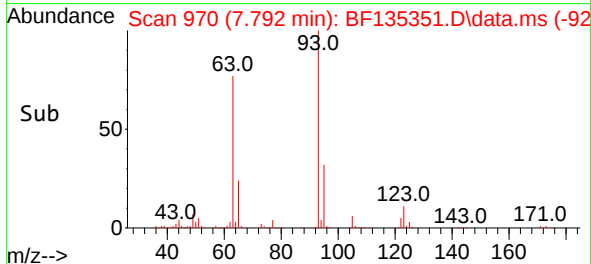
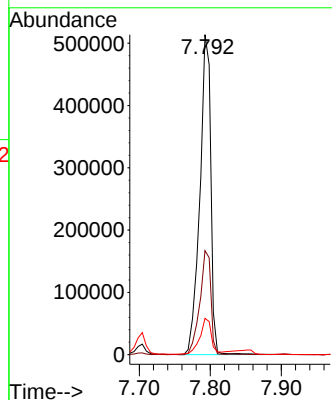
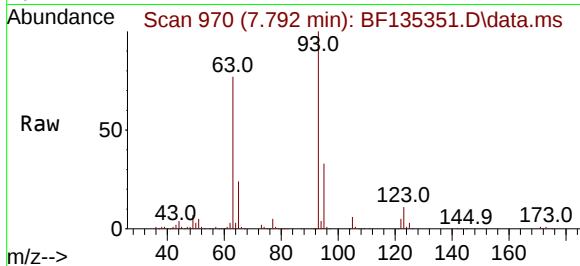




#28
bis(2-Chloroethoxy)methane
Concen: 43.292 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

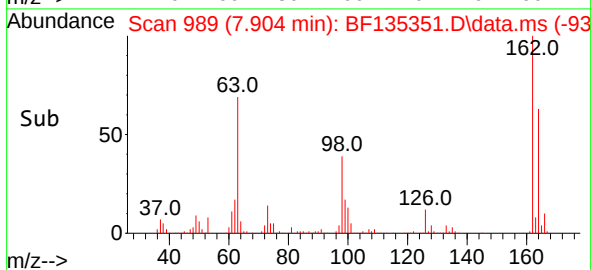
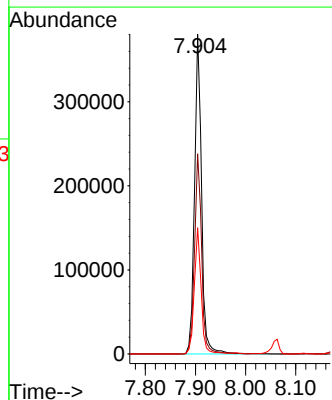
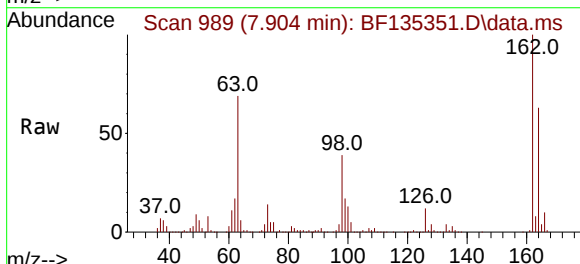
Instrument :
BNA_F
ClientSampleId :
PB155675BS

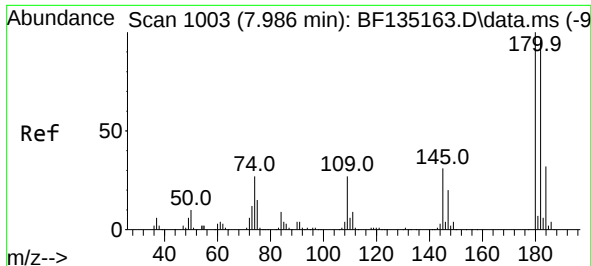
Tgt Ion: 93 Resp: 551682
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 11.3 8.8 13.2



#29
2,4-Dichlorophenol
Concen: 43.025 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:162 Resp: 368588
Ion Ratio Lower Upper
162 100
164 62.6 44.1 84.1
98 39.4 20.3 60.3





#30

1,2,4-Trichlorobenzene

Concen: 41.702 ng

RT: 7.981 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

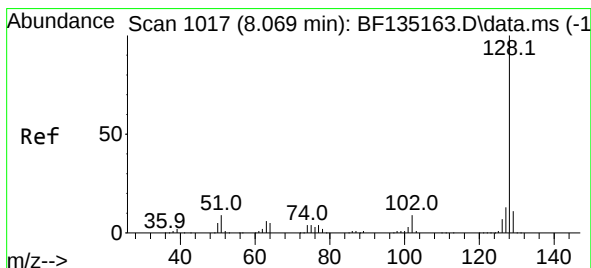
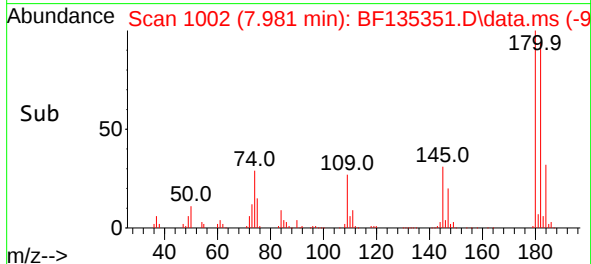
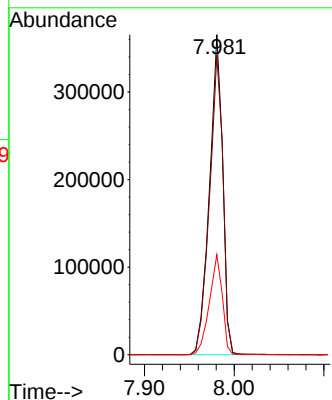
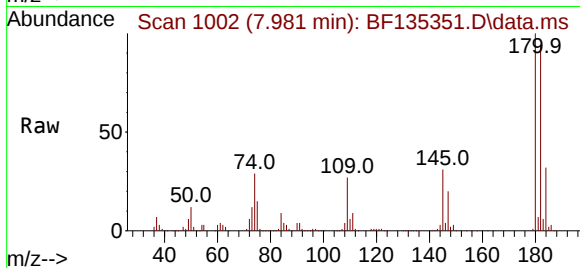
Tgt Ion:180 Resp: 373418

Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 31.2 24.5 36.7



#31

Naphthalene

Concen: 40.711 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

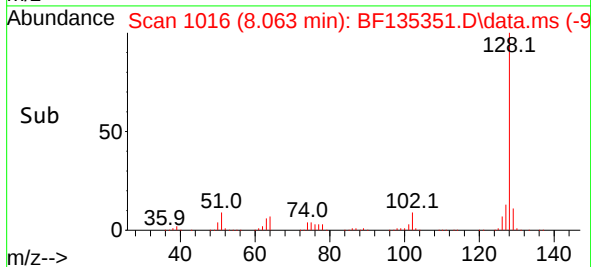
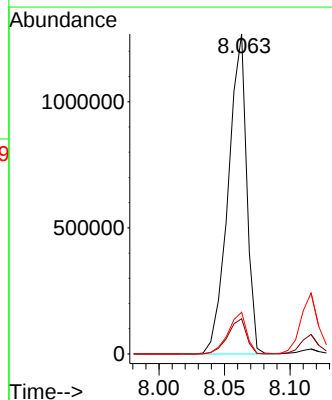
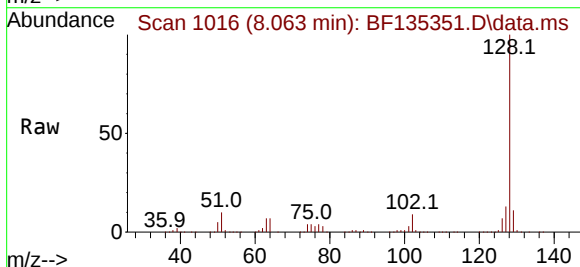
Tgt Ion:128 Resp: 1246045

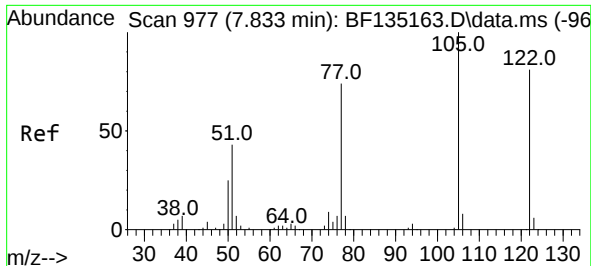
Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.7 16.1





#32

Benzoic acid

Concen: 45.914 ng

RT: 7.857 min Scan# 91

Delta R.T. 0.024 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

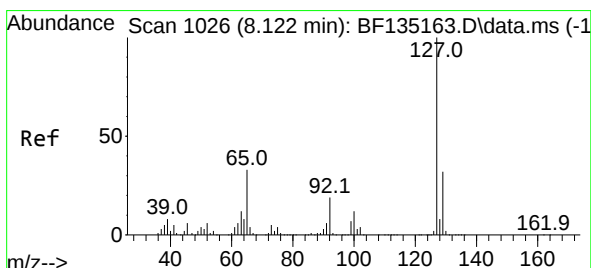
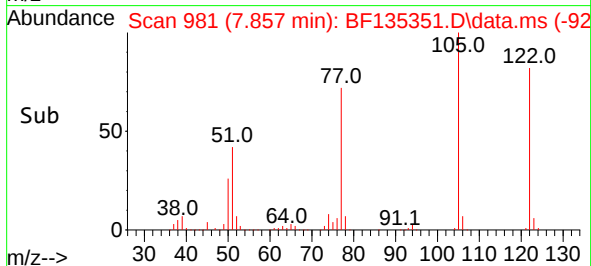
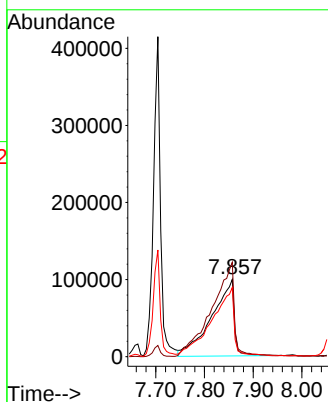
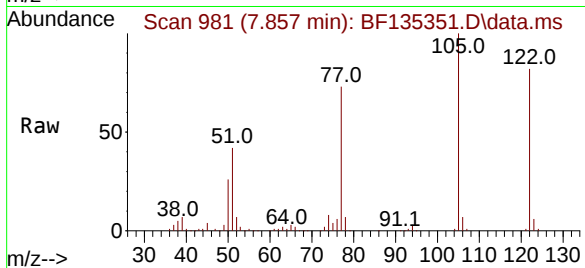
Tgt Ion:122 Resp: 319646

Ion Ratio Lower Upper

122 100

105 122.0 99.9 139.9

77 89.5 70.0 110.0



#33

4-Chloroaniline

Concen: 19.120 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Tgt Ion:127 Resp: 256753

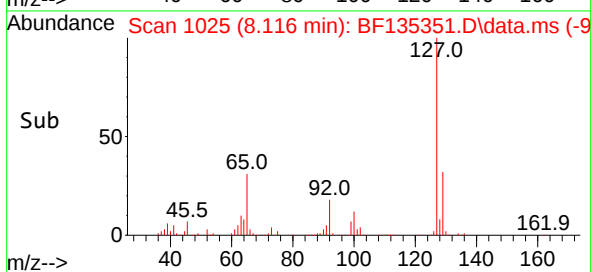
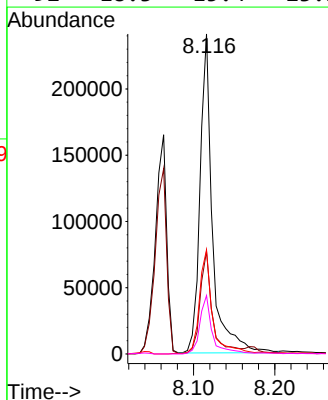
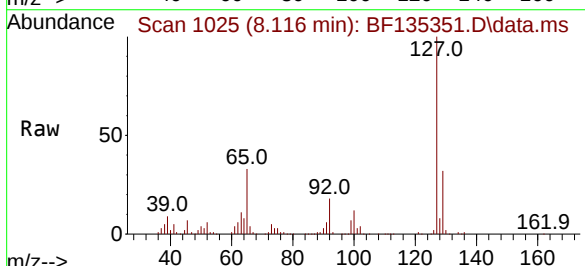
Ion Ratio Lower Upper

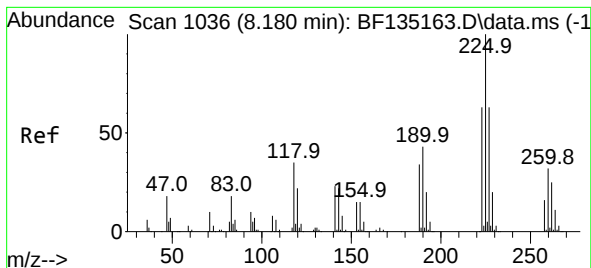
127 100

129 32.1 25.8 38.8

65 32.6 26.6 39.8

92 18.3 15.4 23.2





#34

Hexachlorobutadiene

Concen: 39.476 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

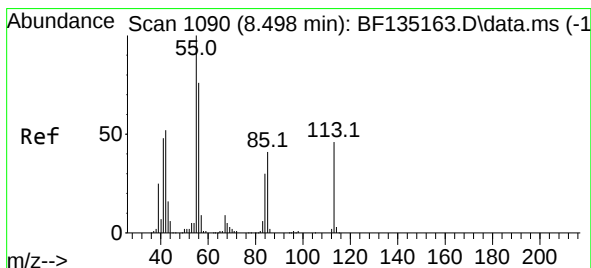
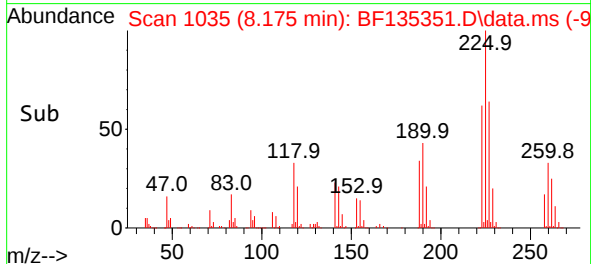
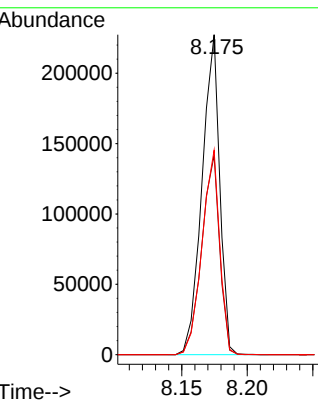
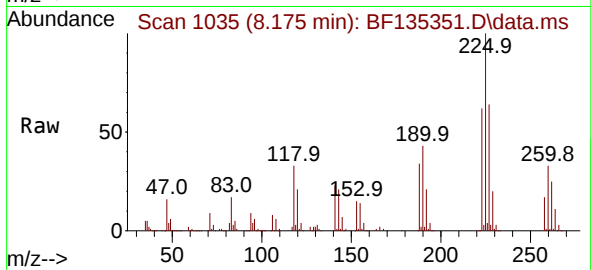
Tgt Ion:225 Resp: 213143

Ion Ratio Lower Upper

225 100

223 62.2 50.6 75.8

227 63.9 50.8 76.2



#35

Caprolactam

Concen: 27.786 ng

RT: 8.498 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

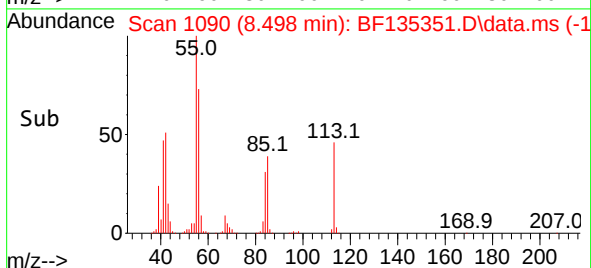
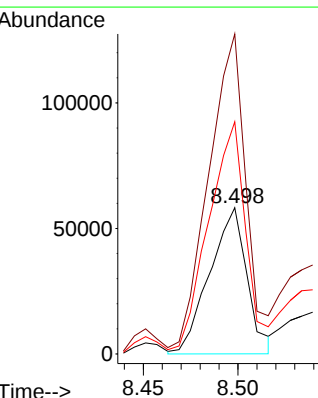
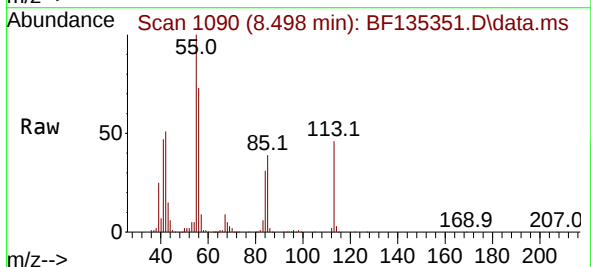
Tgt Ion:113 Resp: 79891

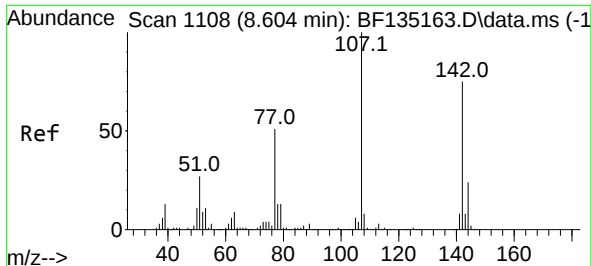
Ion Ratio Lower Upper

113 100

55 218.7 199.3 239.3

56 158.7 146.3 186.3

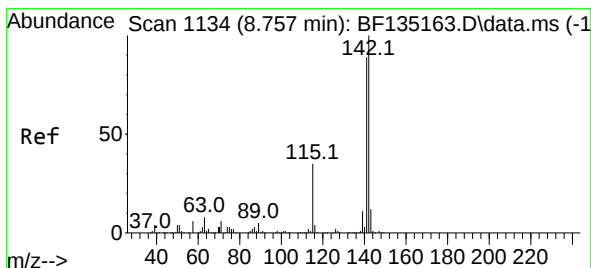
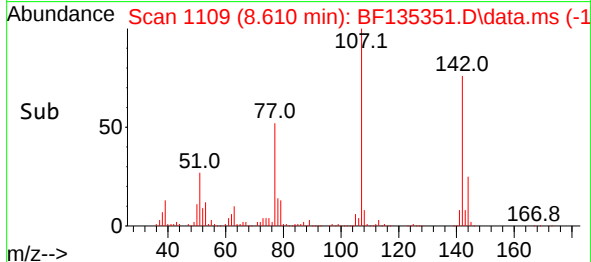
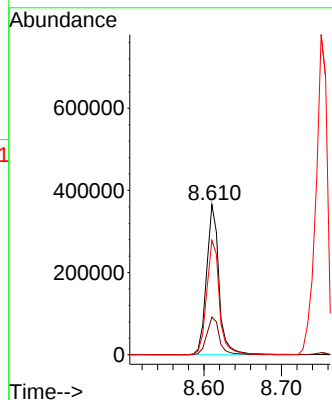
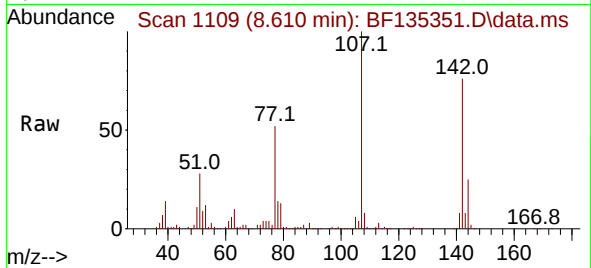




#36
4-Chloro-3-methylphenol
Concen: 42.678 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

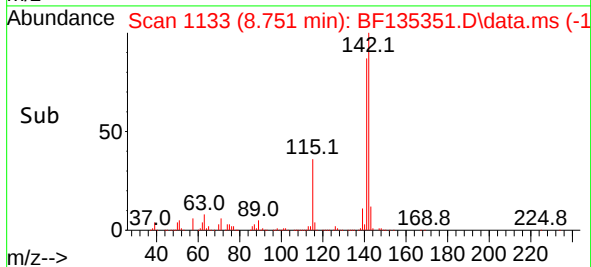
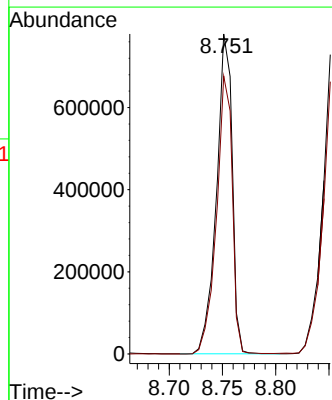
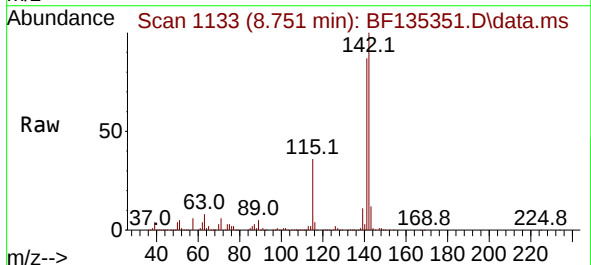
Instrument :
BNA_F
ClientSampleId :
PB155675BS

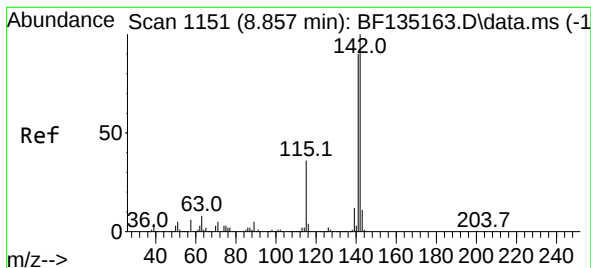
Tgt Ion:107 Resp: 406360
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.4
142 76.1 60.2 90.2



#37
2-Methylnaphthalene
Concen: 38.747 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:142 Resp: 797185
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.6





#38

1-Methylnaphthalene

Concen: 38.893 ng

RT: 8.851 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

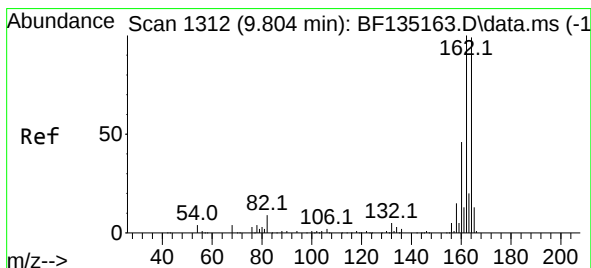
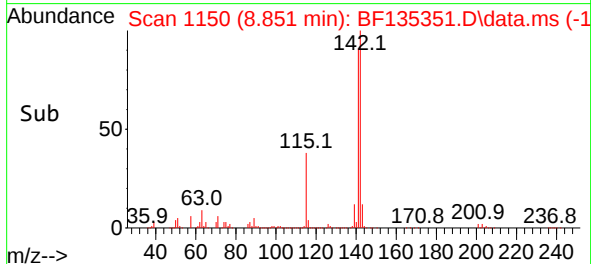
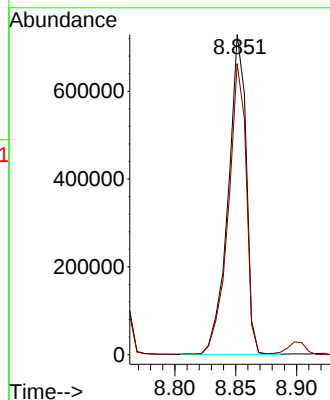
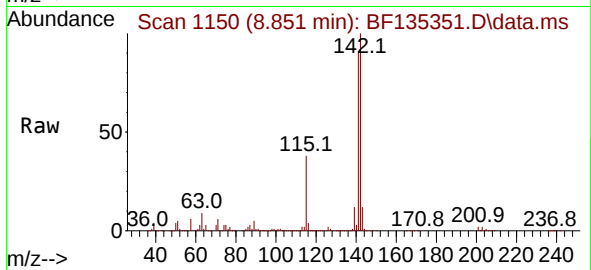
PB155675BS

Tgt Ion:142 Resp: 749159

Ion Ratio Lower Upper

142 100

141 91.0 72.4 108.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

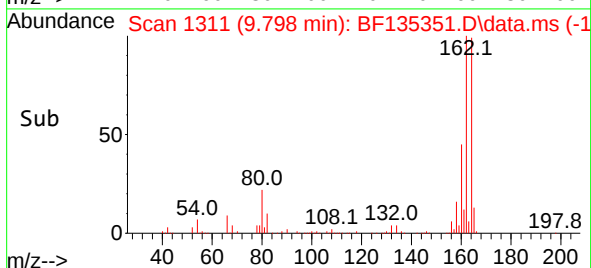
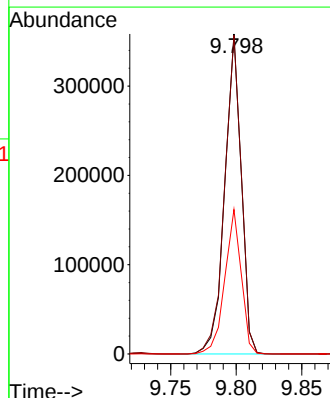
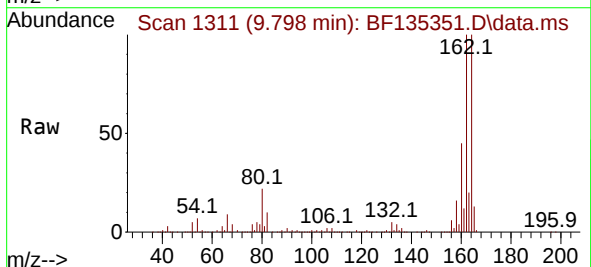
Tgt Ion:164 Resp: 312398

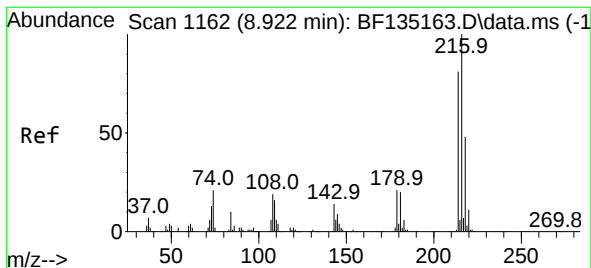
Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.4

160 45.1 37.0 55.4

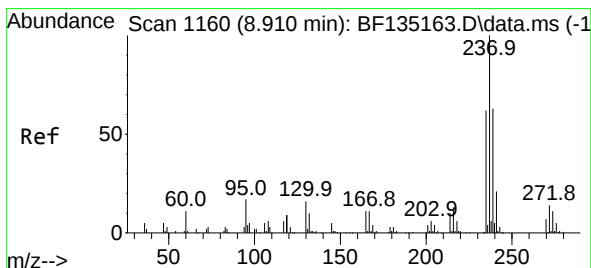
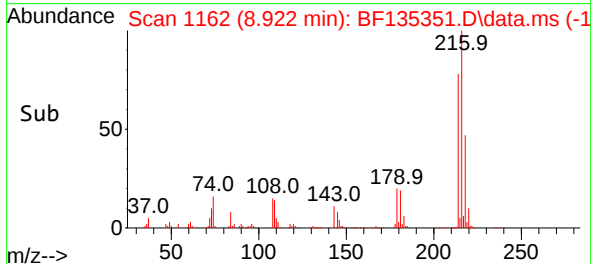
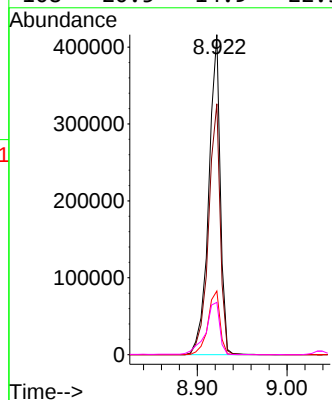
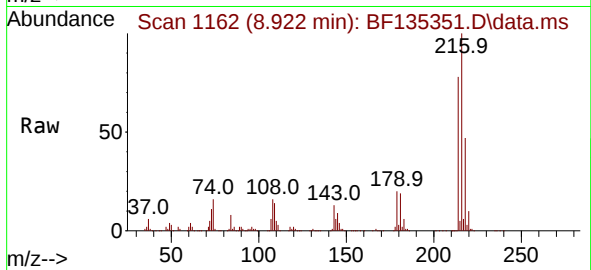




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.986 ng
RT: 8.922 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

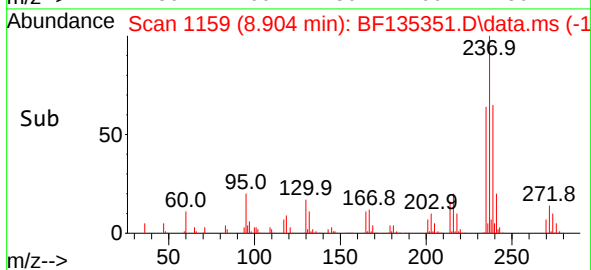
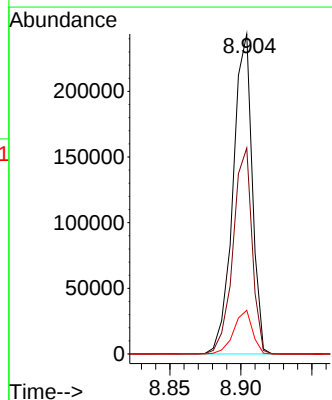
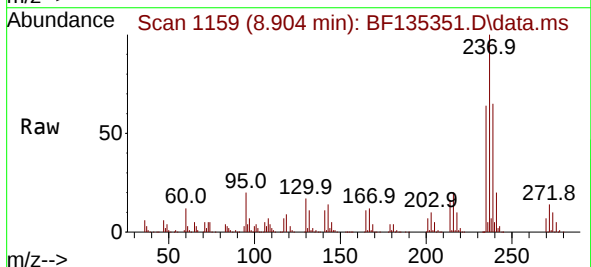
Instrument :
BNA_F
ClientSampleId :
PB155675BS

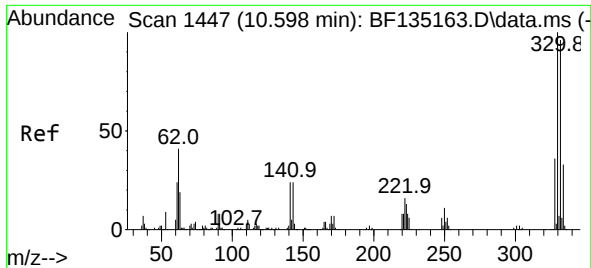
Tgt Ion:	216	Resp:	370944
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.7	95.5
179	20.8	16.7	25.1
108	20.5	14.9	22.3



#41
Hexachlorocyclopentadiene
Concen: 59.591 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:	237	Resp:	229366
Ion Ratio	Lower	Upper	
237	100		
235	64.4	41.8	81.8
272	13.6	0.0	33.6

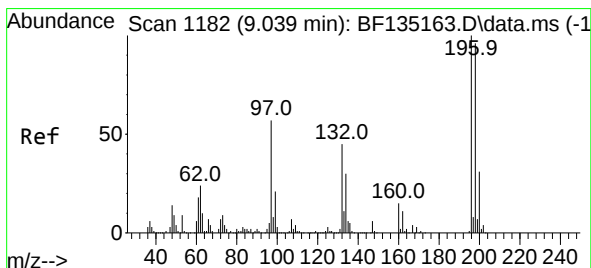
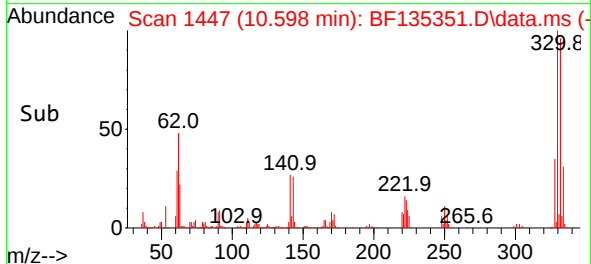
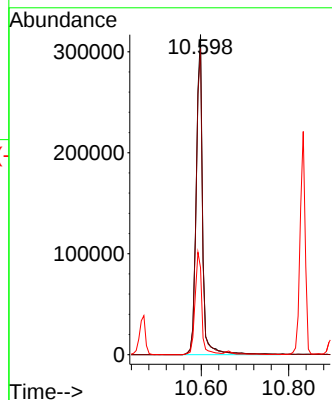
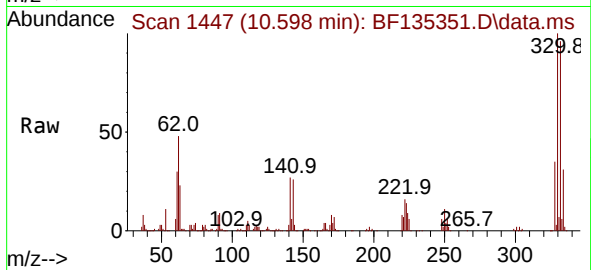




#42
2,4,6-Tribromophenol
Concen: 103.270 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

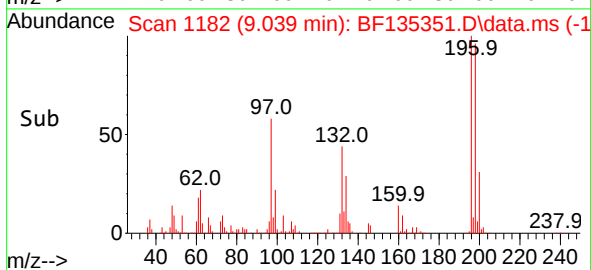
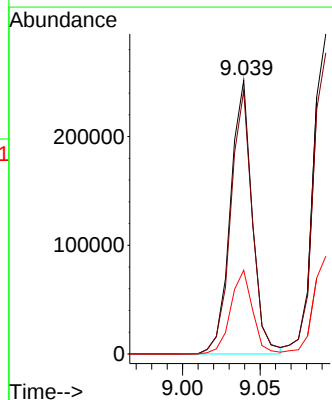
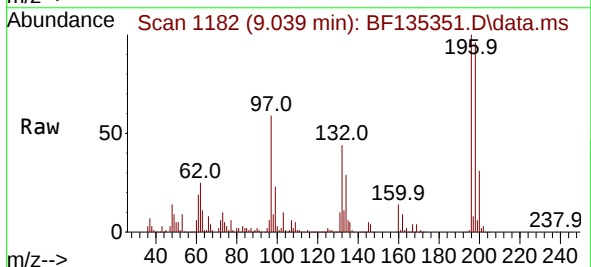
Instrument :
BNA_F
ClientSampleId :
PB155675BS

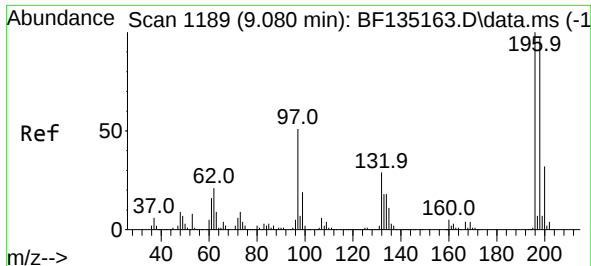
Tgt Ion:330 Resp: 320600
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.6 25.8 38.8



#43
2,4,6-Trichlorophenol
Concen: 41.557 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

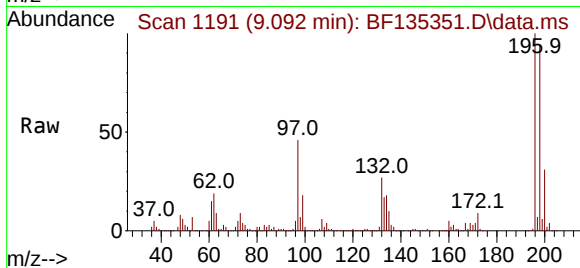
Tgt Ion:196 Resp: 246252
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.6
200 30.6 24.5 36.7



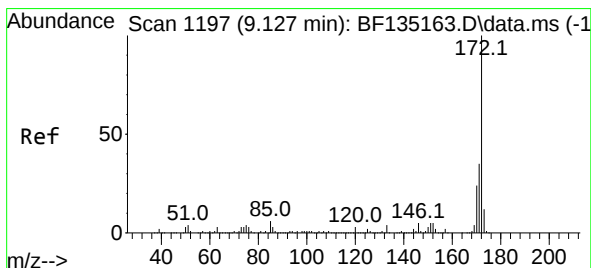
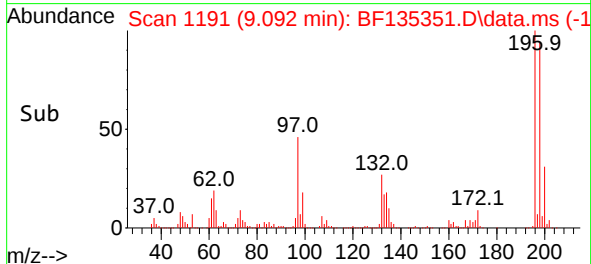
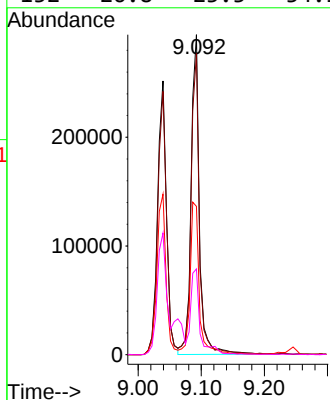


#44
2,4,5-Trichlorophenol
Concen: 39.630 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Instrument :
BNA_F
ClientSampleId :
PB155675BS

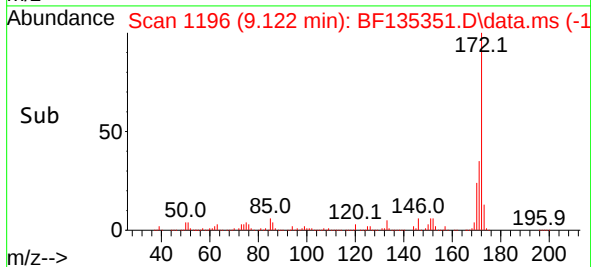
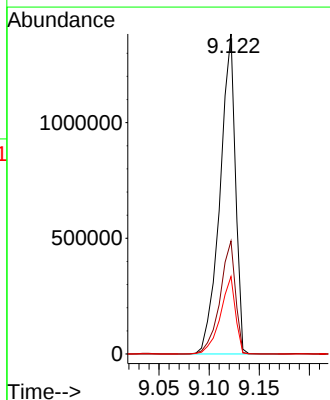
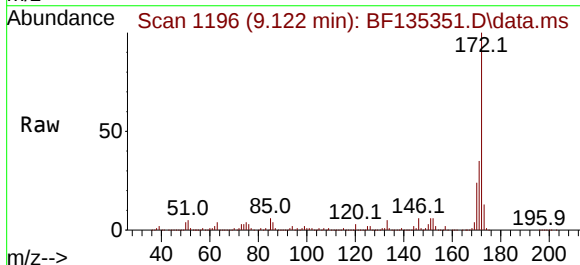


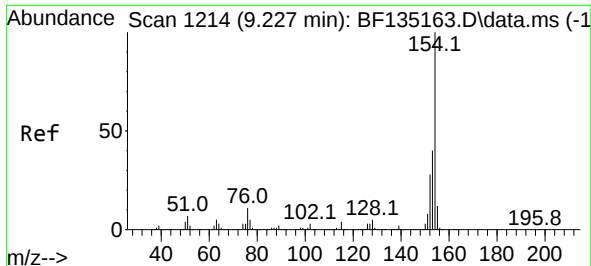
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.5	116.3
97	46.3	40.5	60.7
132	26.8	23.3	34.9



#45
2-Fluorobiphenyl
Concen: 71.545 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	24.2	19.0	28.4





#46

1,1'-Biphenyl

Concen: 40.938 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

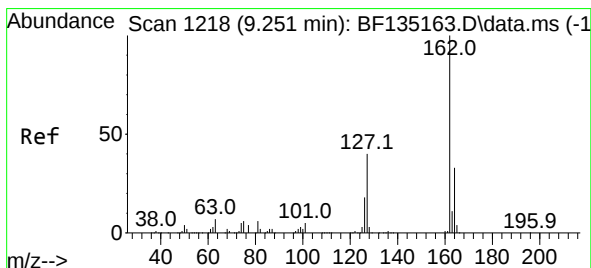
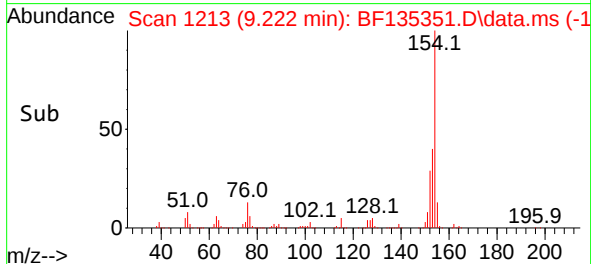
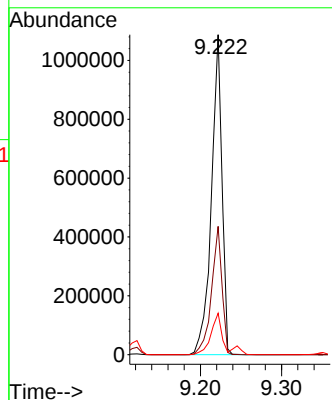
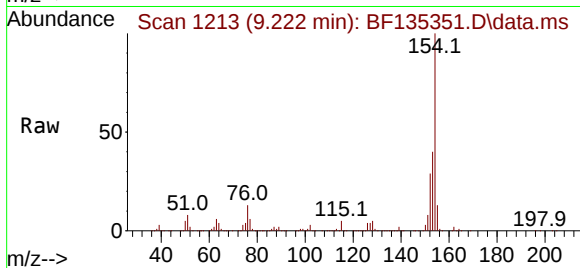
Tgt Ion:154 Resp: 982821

Ion Ratio Lower Upper

154 100

153 40.1 19.6 59.6

76 13.0 0.0 31.0



#47

2-Chloronaphthalene

Concen: 42.227 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

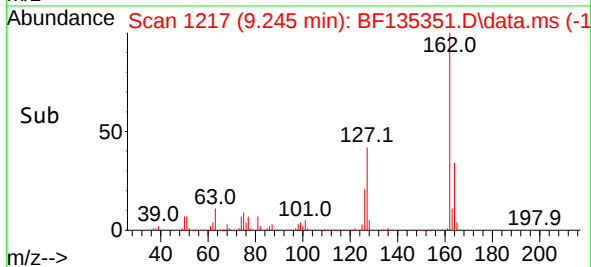
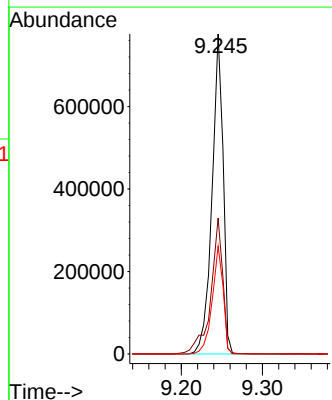
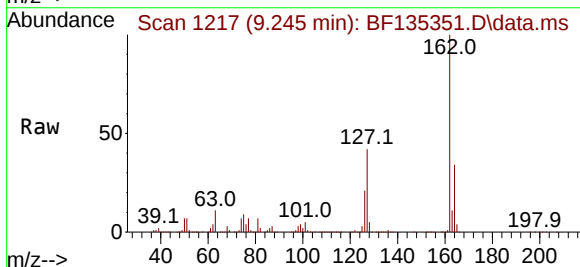
Tgt Ion:162 Resp: 735531

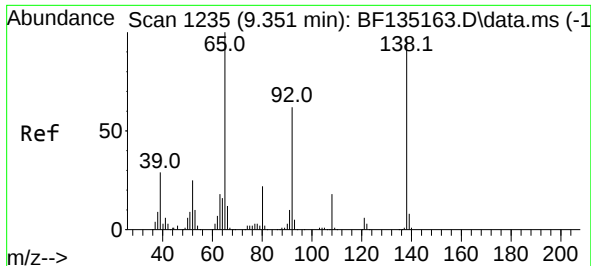
Ion Ratio Lower Upper

162 100

127 42.5 32.6 48.8

164 33.7 26.2 39.2

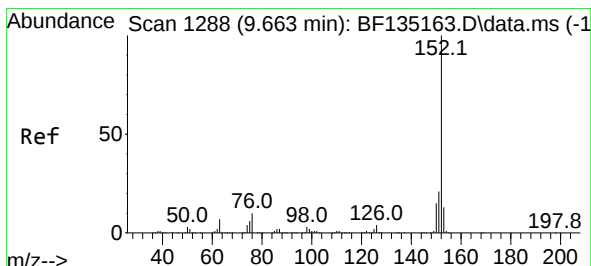
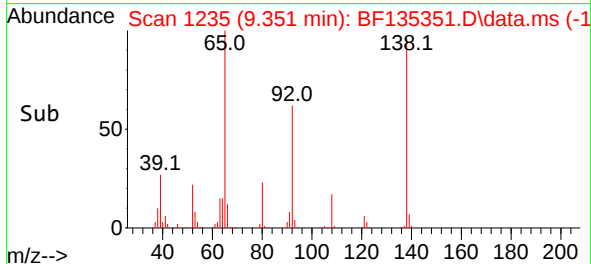
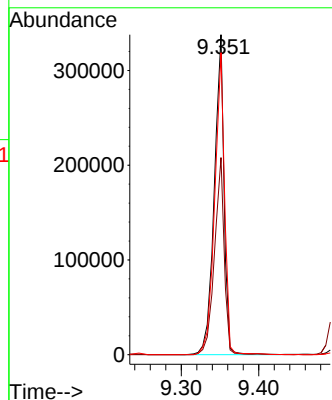
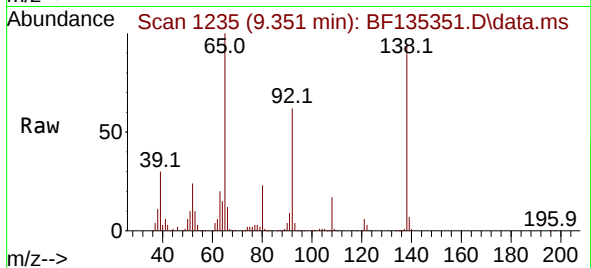




#48
2-Nitroaniline
Concen: 43.857 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

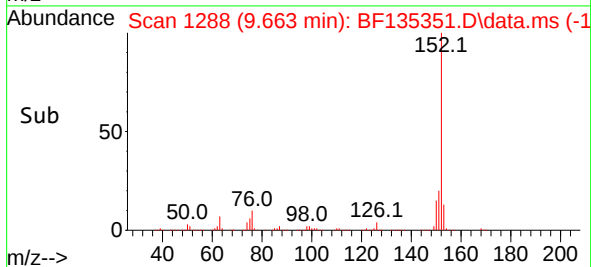
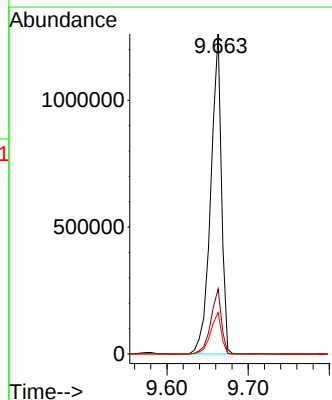
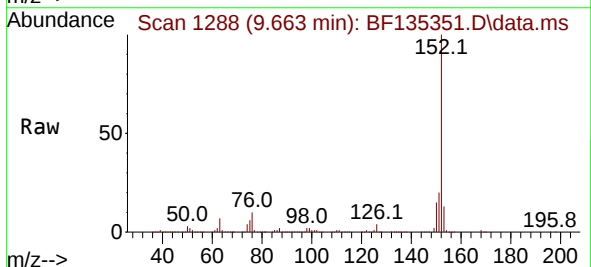
Instrument :
BNA_F
ClientSampleId :
PB155675BS

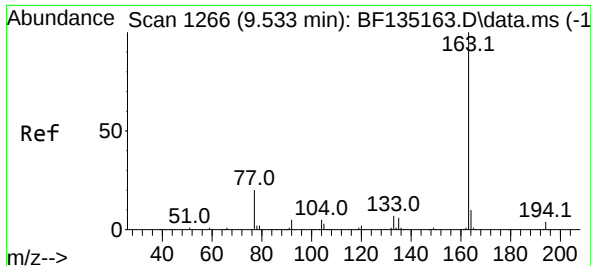
Tgt Ion: 65 Resp: 296782
Ion Ratio Lower Upper
65 100
92 61.6 49.4 74.0
138 94.4 77.4 116.0



#49
Acenaphthylene
Concen: 39.710 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 152 Resp: 1149558
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.0 10.4 15.6

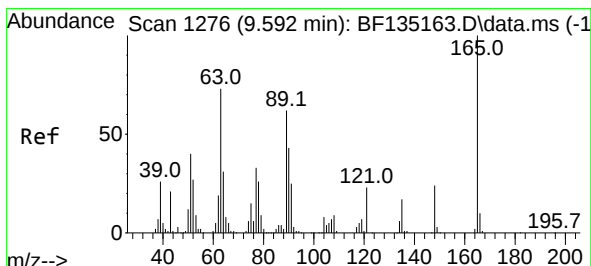
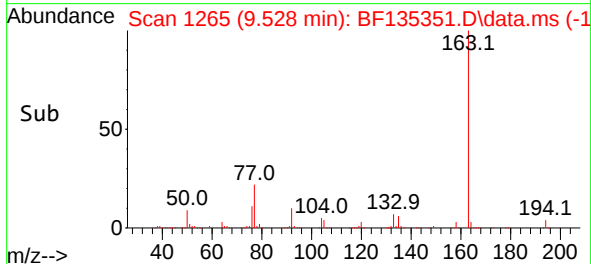
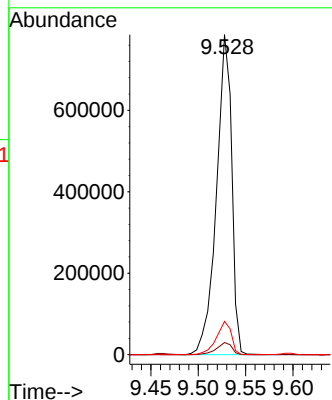
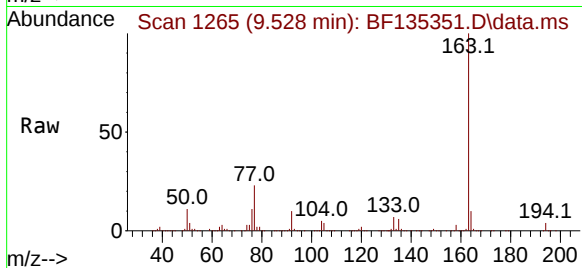




#50
Dimethylphthalate
Concen: 41.696 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

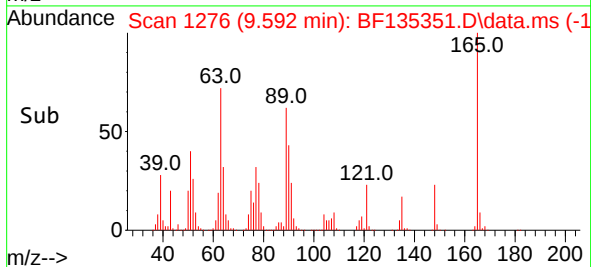
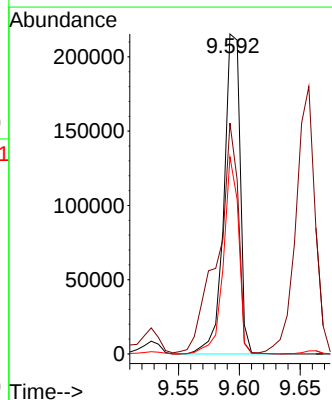
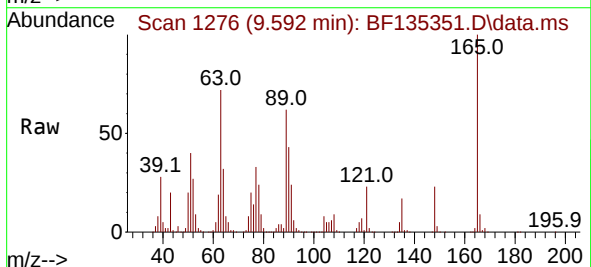
Instrument :
BNA_F
ClientSampleId :
PB155675BS

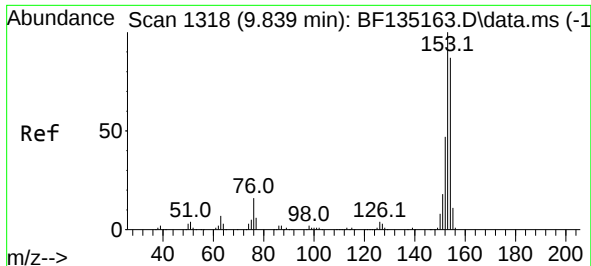
Tgt Ion:163 Resp: 880674
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 43.178 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:165 Resp: 199782
Ion Ratio Lower Upper
165 100
63 72.2 59.4 89.2
89 61.6 49.8 74.8

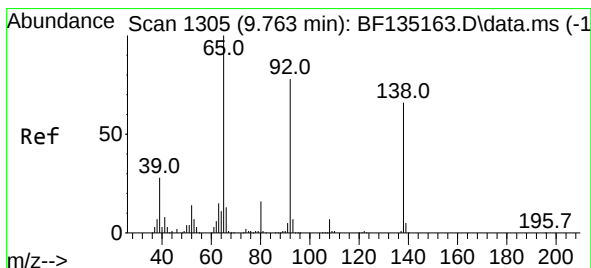
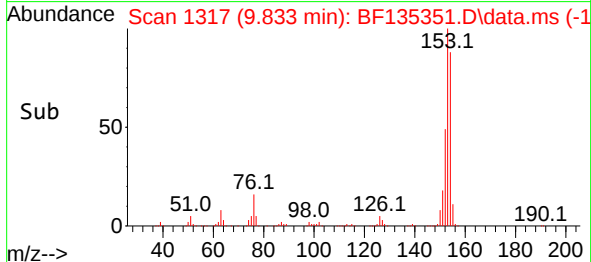
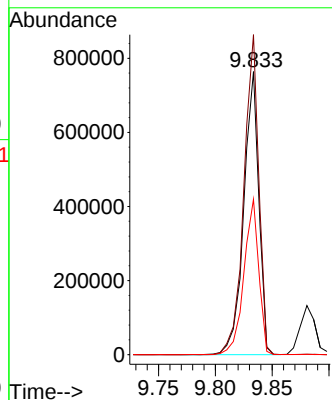
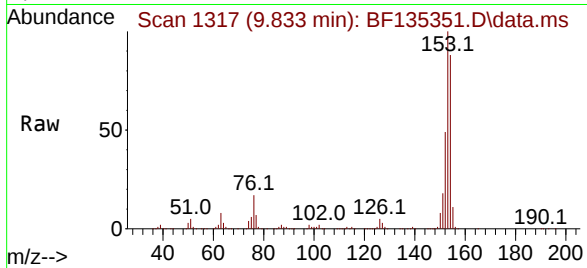




#52
Acenaphthene
Concen: 41.265 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

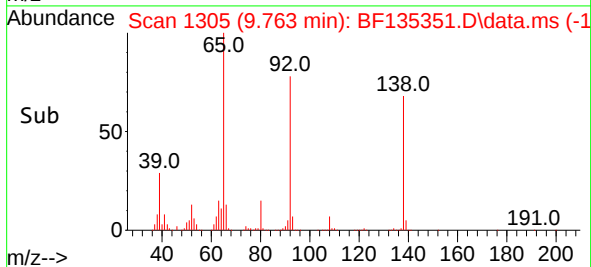
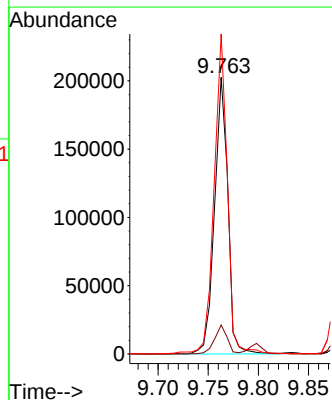
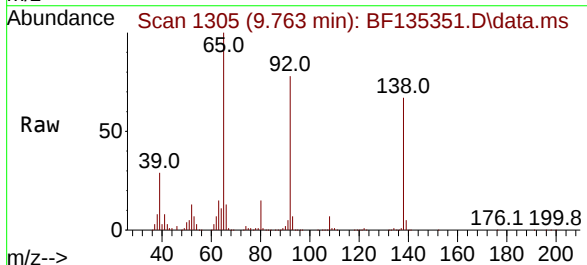
Instrument :
BNA_F
ClientSampleId :
PB155675BS

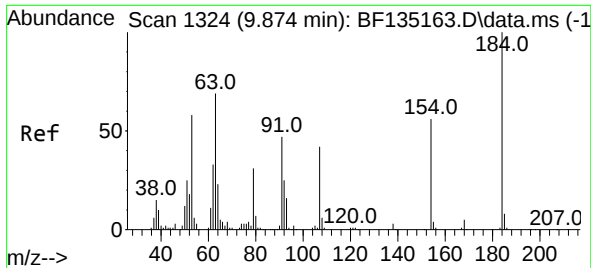
Tgt Ion:154 Resp: 705679
Ion Ratio Lower Upper
154 100
153 113.0 92.1 138.1
152 54.9 43.1 64.7



#53
3-Nitroaniline
Concen: 34.483 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:138 Resp: 187286
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 115.7 95.4 143.0

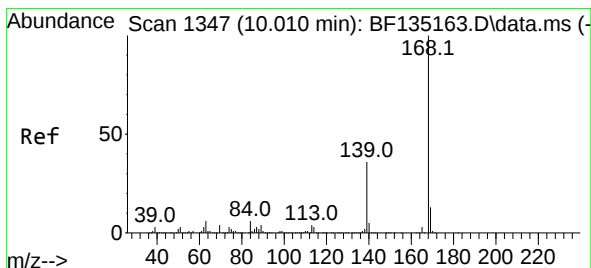
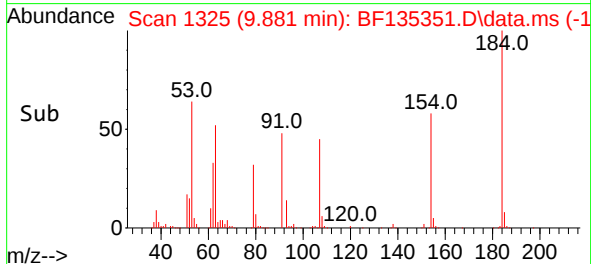
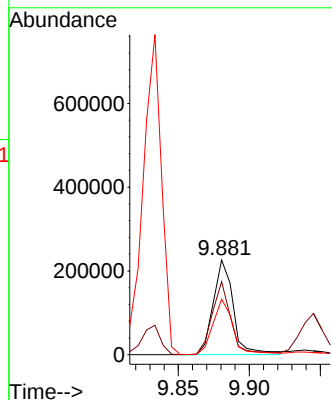
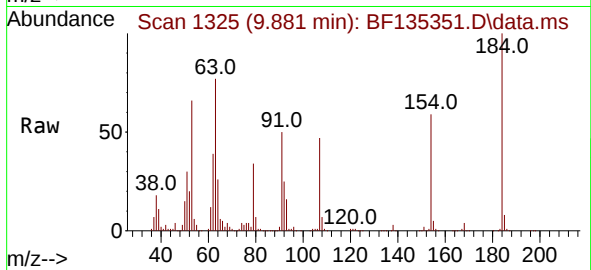




#54
2,4-Dinitrophenol
Concen: 84.054 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

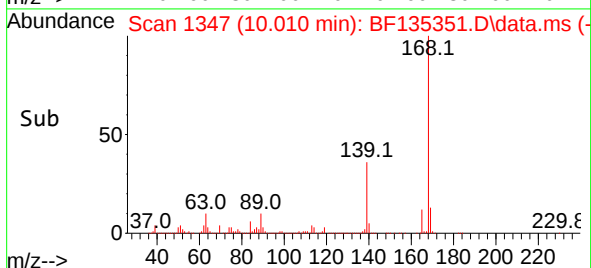
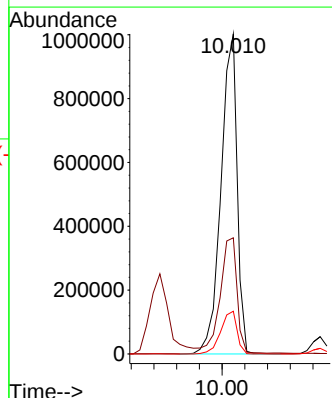
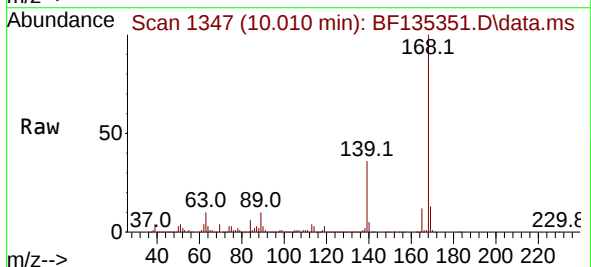
Instrument :
BNA_F
ClientSampleId :
PB155675BS

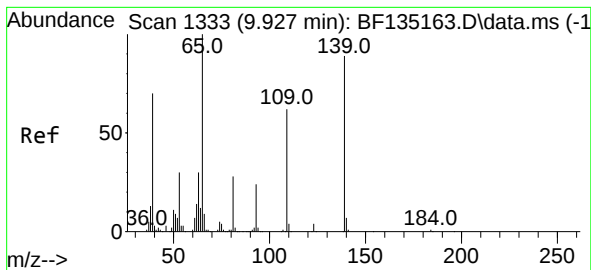
Tgt Ion:184 Resp: 221688
Ion Ratio Lower Upper
184 100
63 77.1 55.1 82.7
154 58.6 48.4 72.6



#55
Dibenzofuran
Concen: 37.969 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:168 Resp: 990845
Ion Ratio Lower Upper
168 100
139 36.3 29.0 43.6
169 13.4 10.4 15.6

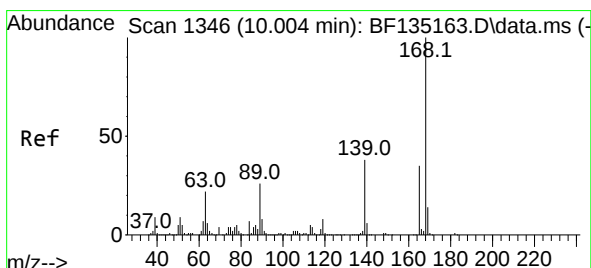
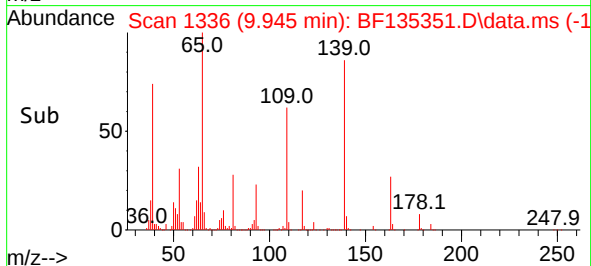
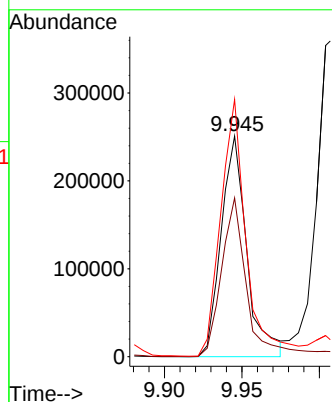
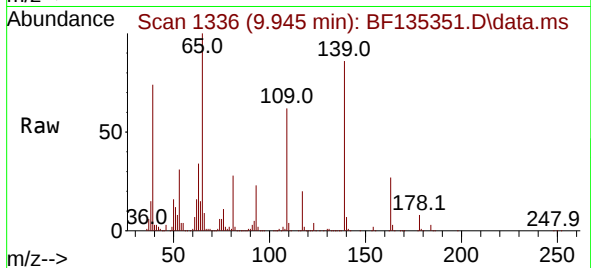




#56
4-Nitrophenol
Concen: 83.573 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

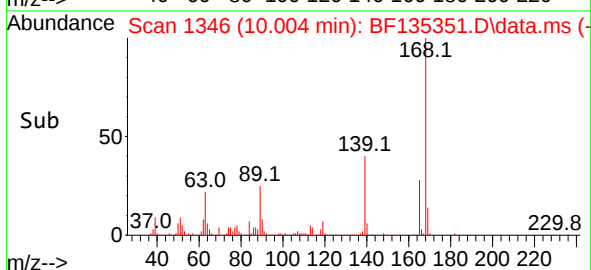
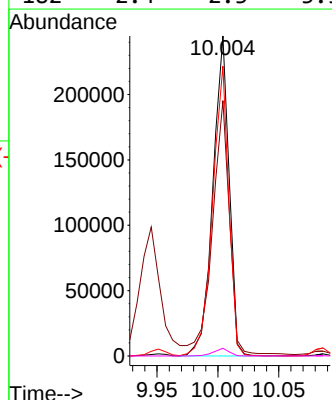
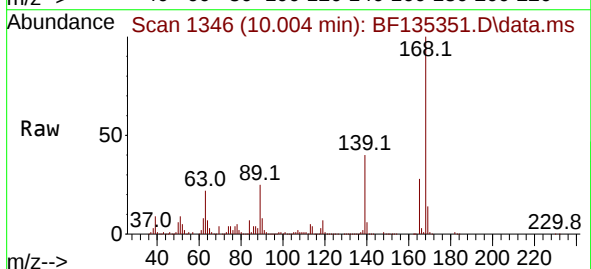
Instrument :
BNA_F
ClientSampleId :
PB155675BS

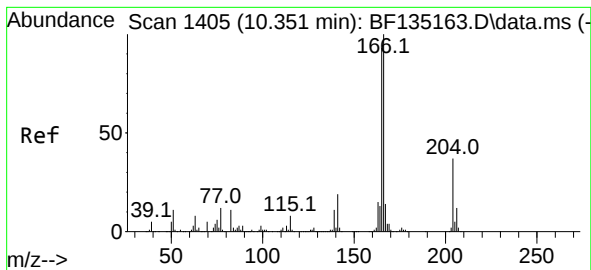
Tgt Ion:139 Resp: 288484
Ion Ratio Lower Upper
139 100
109 71.9 49.8 89.8
65 116.6 92.7 132.7



#57
2,4-Dinitrotoluene
Concen: 39.286 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:165 Resp: 227568
Ion Ratio Lower Upper
165 100
63 79.8 50.1 75.1#
89 90.6 59.3 88.9#
182 2.4 2.3 3.5





#58

Fluorene

Concen: 38.944 ng

RT: 10.351 min Scan# 1405

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

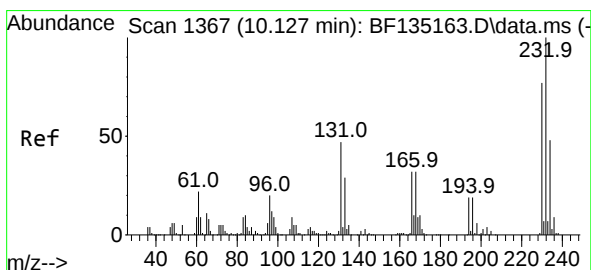
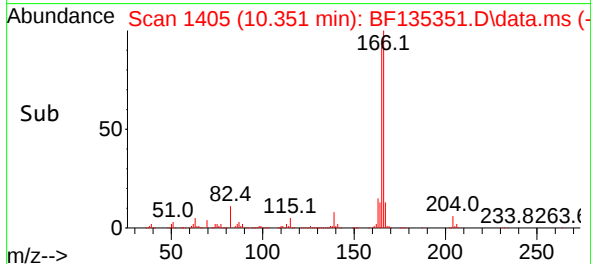
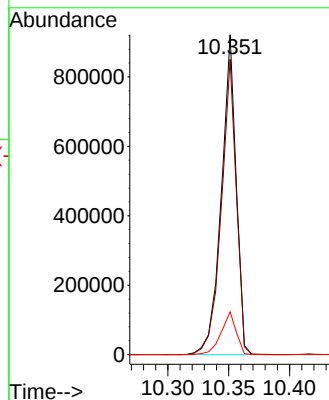
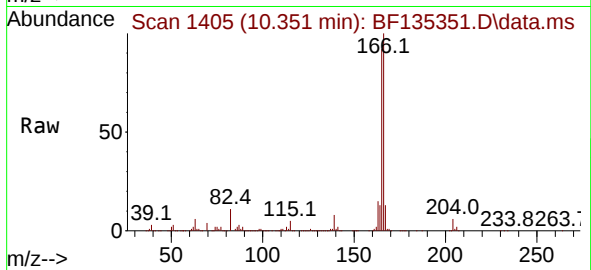
Tgt Ion:166 Resp: 781297

Ion Ratio Lower Upper

166 100

165 92.3 74.3 111.5

167 13.4 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.880 ng

RT: 10.128 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Tgt Ion:232 Resp: 225094

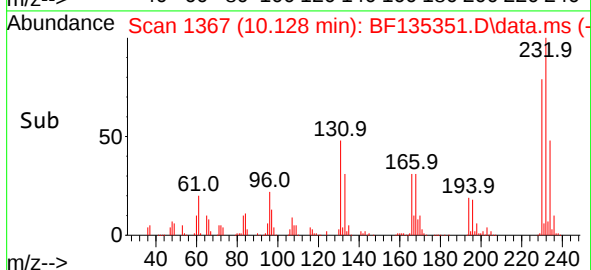
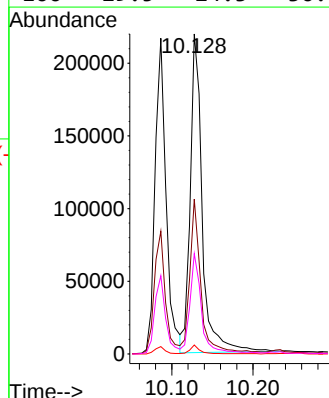
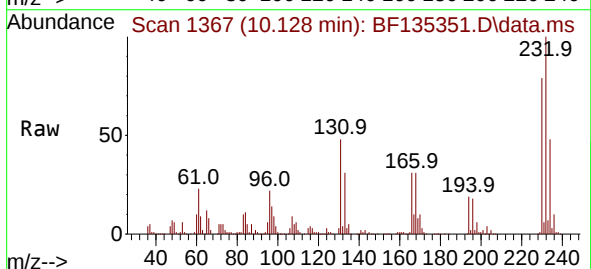
Ion Ratio Lower Upper

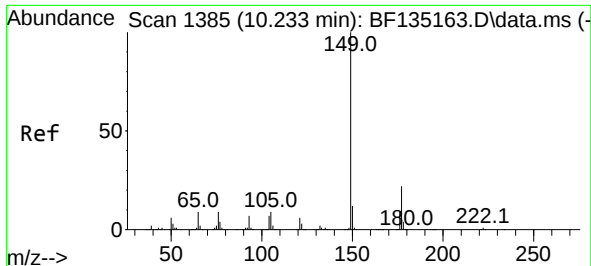
232 100

131 45.1 35.4 53.2

130 2.3 1.8 2.8

166 29.5 24.3 36.5

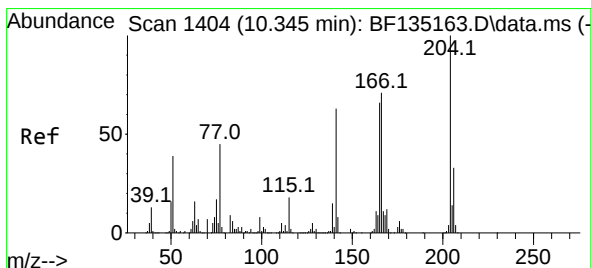
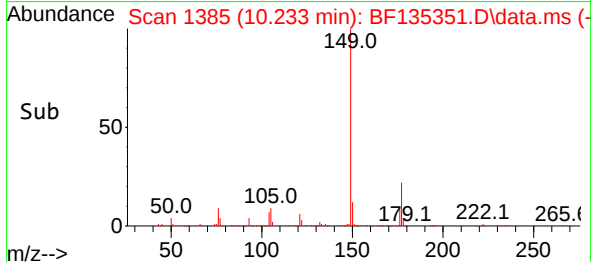
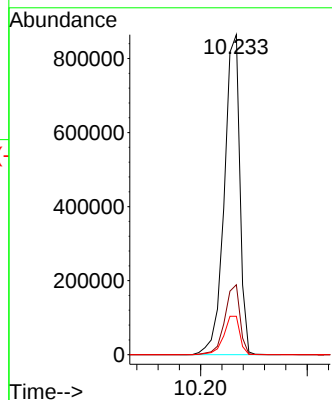
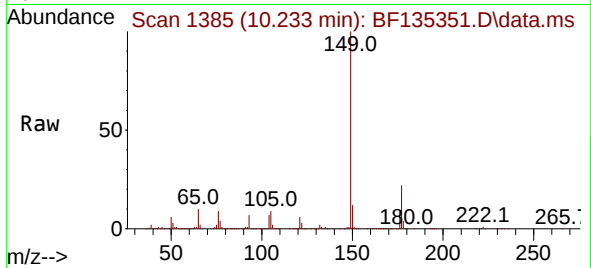




#60
Diethylphthalate
Concen: 41.013 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

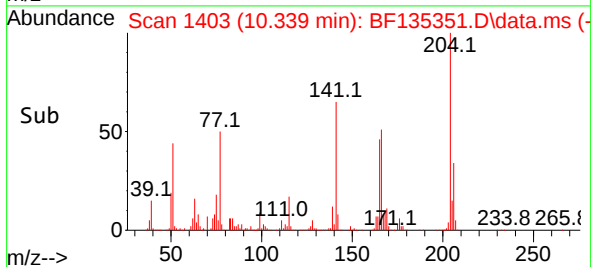
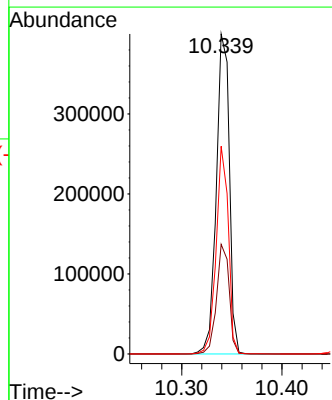
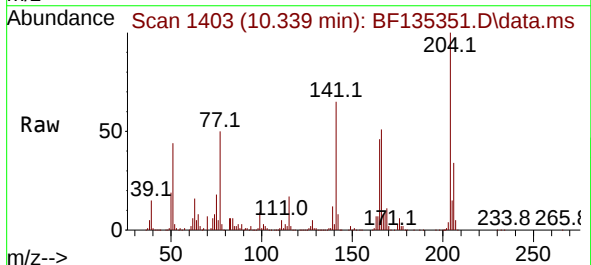
Instrument :
BNA_F
ClientSampleId :
PB155675BS

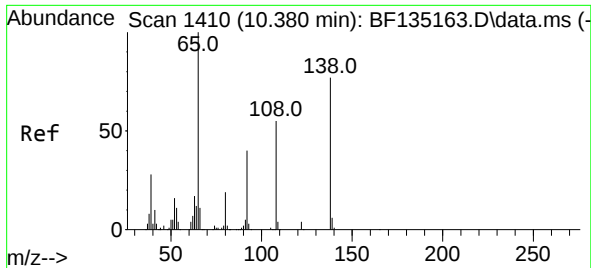
Tgt Ion:149 Resp: 869350
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.0 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 37.465 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:204 Resp: 361051
Ion Ratio Lower Upper
204 100
206 34.2 26.7 40.1
141 64.9 50.6 75.8

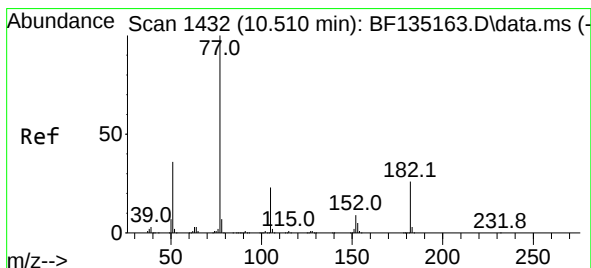
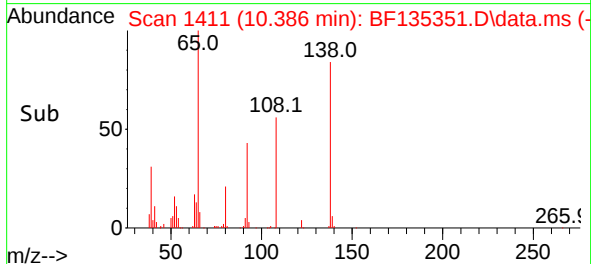
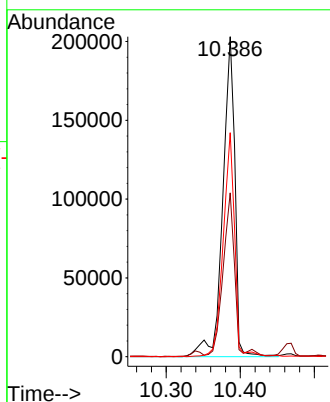
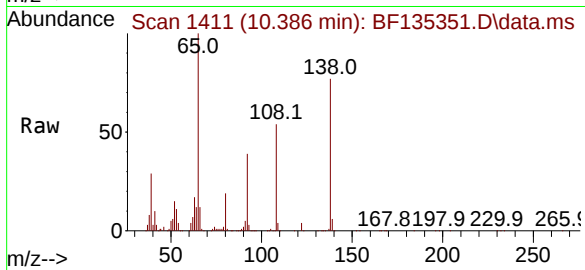




#62
4-Nitroaniline
Concen: 44.097 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

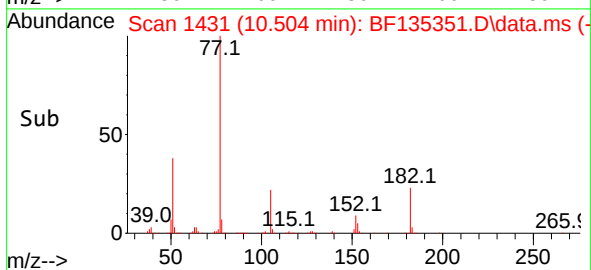
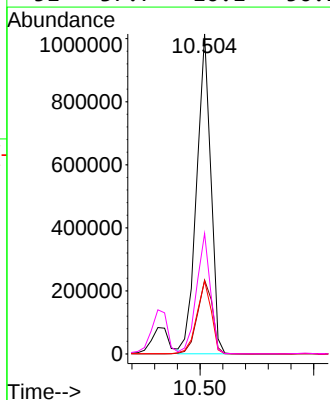
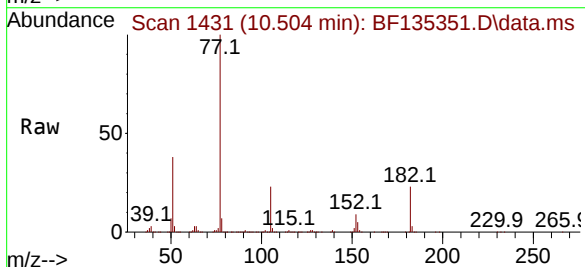
Instrument :
BNA_F
ClientSampleId :
PB155675BS

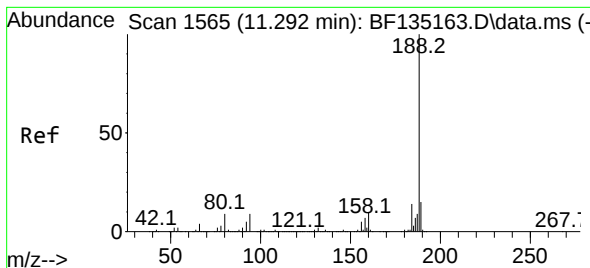
Tgt Ion:138 Resp: 230221
Ion Ratio Lower Upper
138 100
92 51.2 31.8 71.8
108 70.0 52.0 92.0



#63
Azobenzene
Concen: 42.241 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion: 77 Resp: 876306
Ion Ratio Lower Upper
77 100
182 23.1 6.4 46.4
105 22.8 3.1 43.1
51 37.7 16.1 56.1

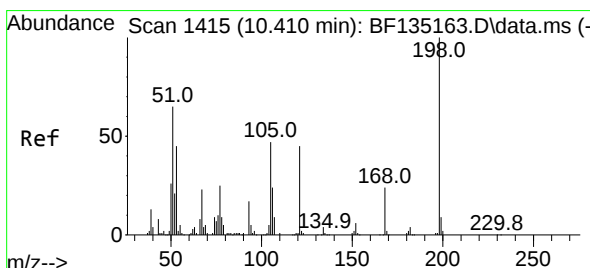
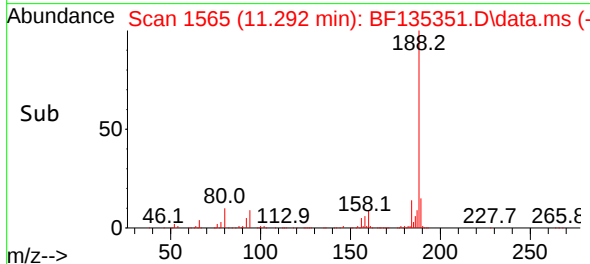
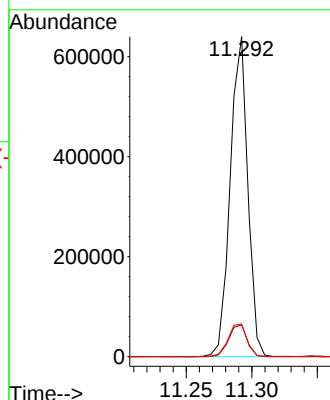
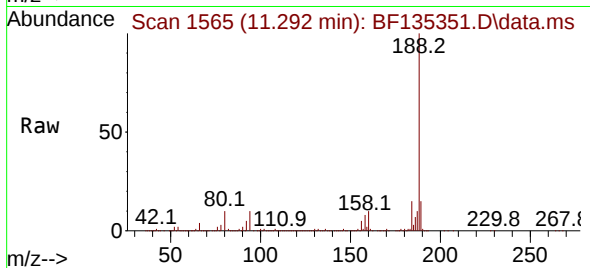




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

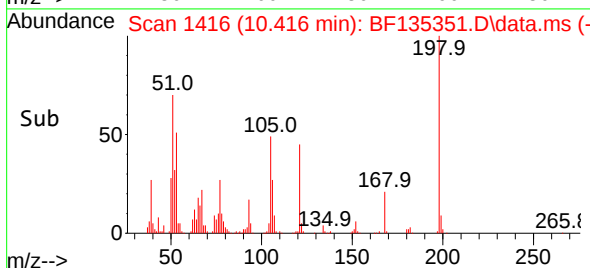
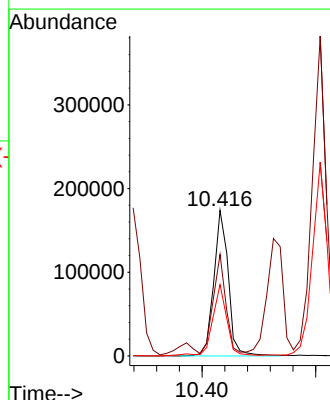
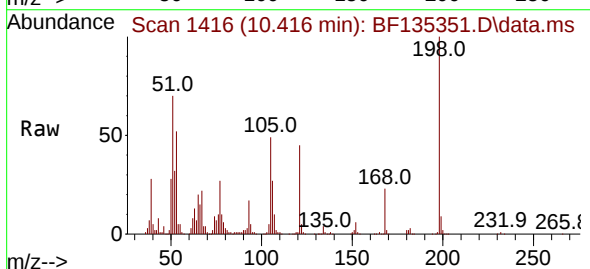
Instrument :
BNA_F
ClientSampleId :
PB155675BS

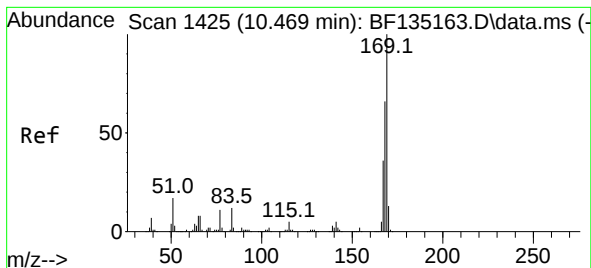
Tgt Ion:188 Resp: 595724
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.2 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 48.631 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:198 Resp: 153873
Ion Ratio Lower Upper
198 100
51 69.8 47.7 87.7
105 49.0 27.4 67.4

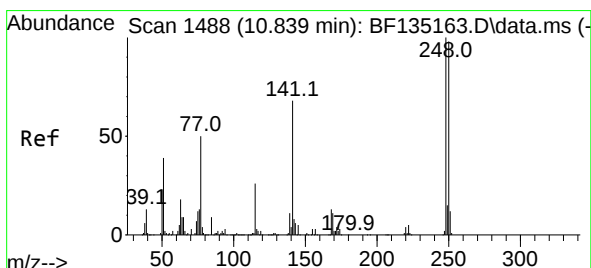
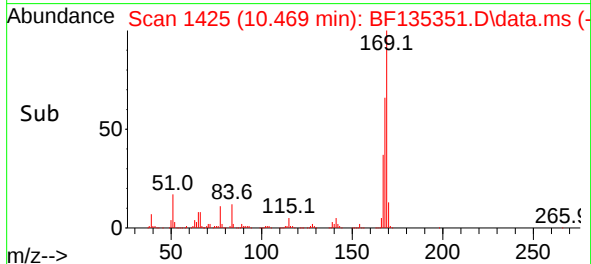
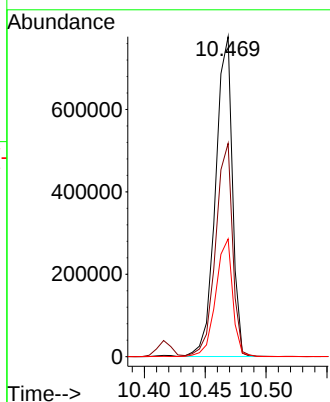
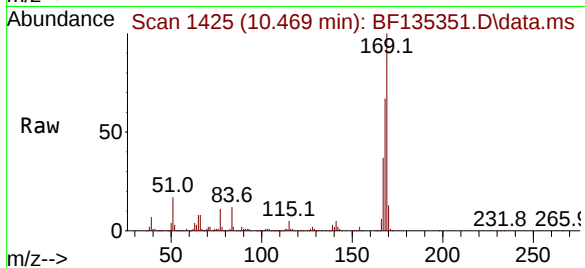




#66
 n-Nitrosodiphenylamine
 Concen: 41.483 ng
 RT: 10.469 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: BF135351.D
 Acq: 20 Sep 2023 11:52

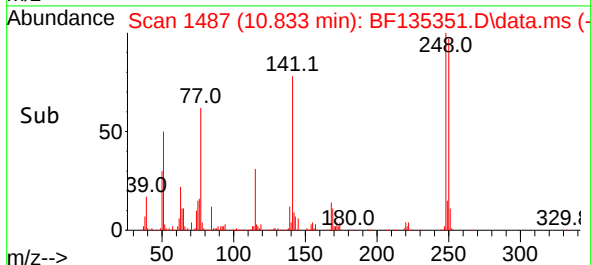
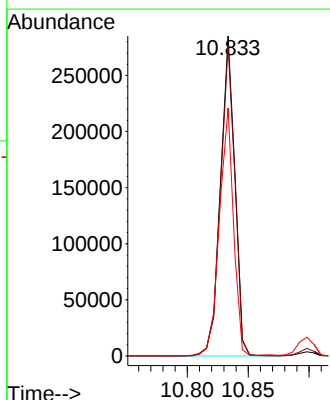
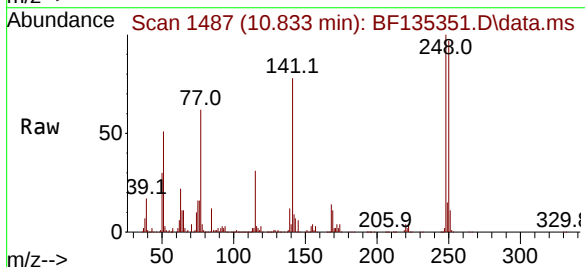
Instrument :
 BNA_F
 ClientSampleId :
 PB155675BS

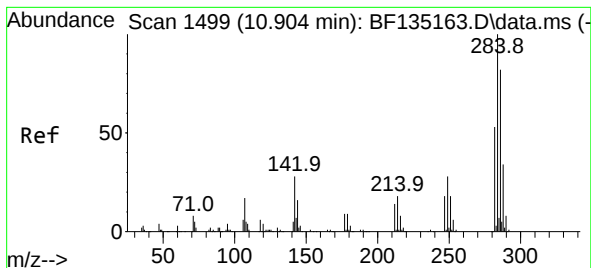
Tgt Ion:169 Resp: 748151
 Ion Ratio Lower Upper
 169 100
 168 66.6 52.8 79.2
 167 36.8 29.0 43.6



#67
 4-Bromophenyl-phenylether
 Concen: 39.861 ng
 RT: 10.833 min Scan# 1487
 Delta R.T. -0.006 min
 Lab File: BF135351.D
 Acq: 20 Sep 2023 11:52

Tgt Ion:248 Resp: 236170
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.6 117.8
 141 77.5 54.2 81.2





#68

Hexachlorobenzene

Concen: 42.491 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

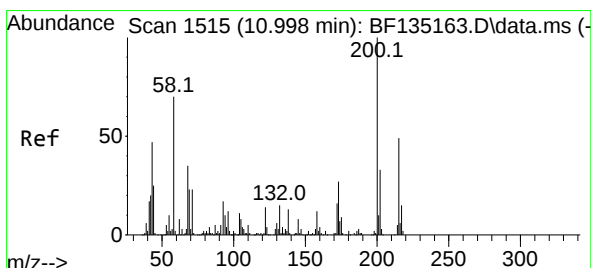
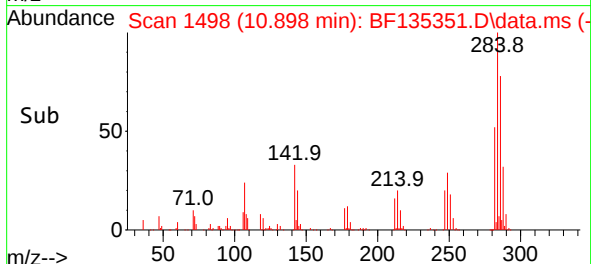
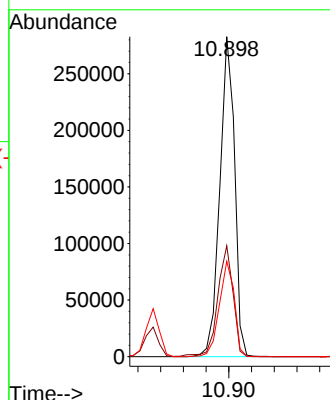
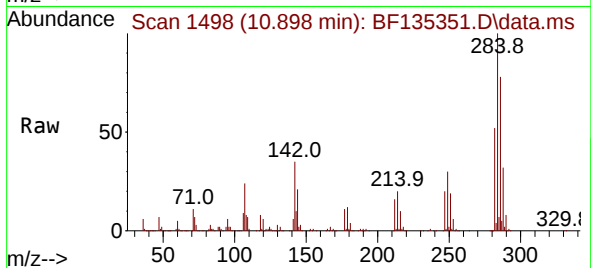
Tgt Ion:284 Resp: 256479

Ion Ratio Lower Upper

284 100

142 34.7 22.2 33.4#

249 29.8 22.5 33.7



#69

Atrazine

Concen: 14.412 ng

RT: 10.992 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

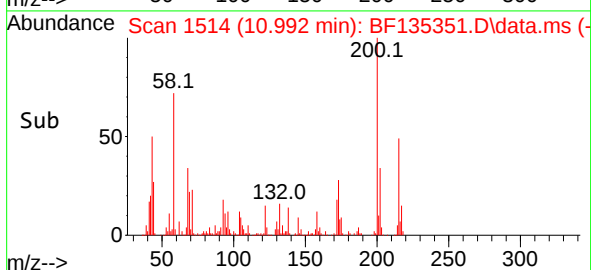
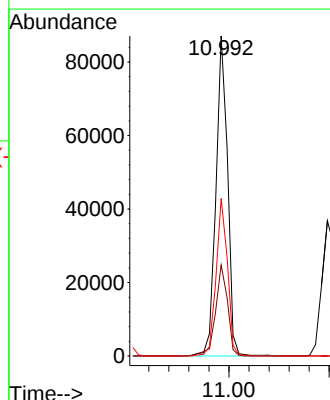
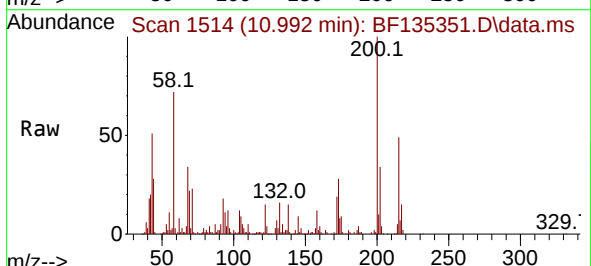
Tgt Ion:200 Resp: 69940

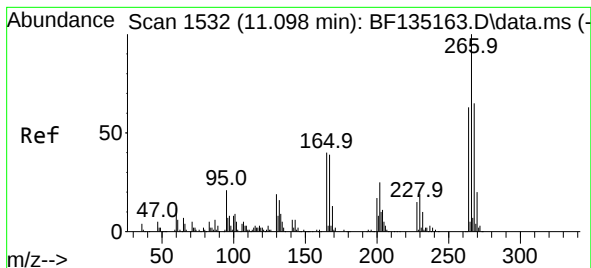
Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 49.2 28.6 68.6





#70

Pentachlorophenol

Concen: 69.975 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

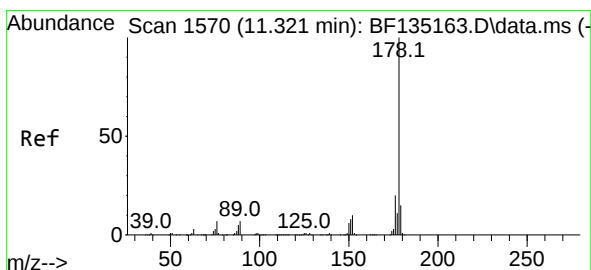
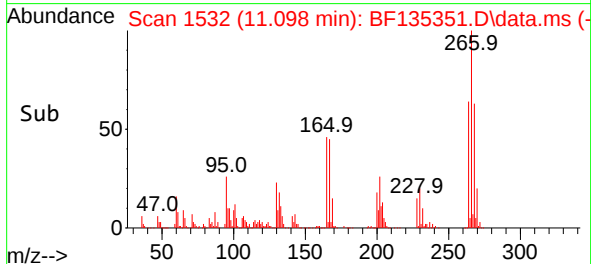
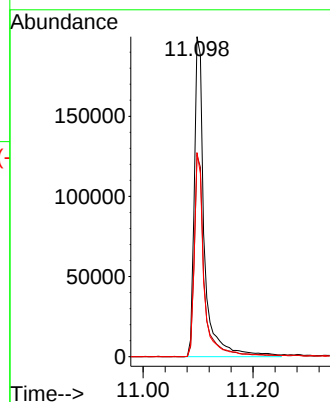
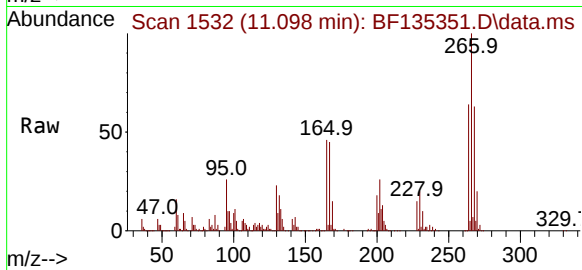
Tgt Ion:266 Resp: 252709

Ion Ratio Lower Upper

266 100

268 63.0 52.1 78.1

264 63.7 50.8 76.2



#71

Phenanthrene

Concen: 41.624 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

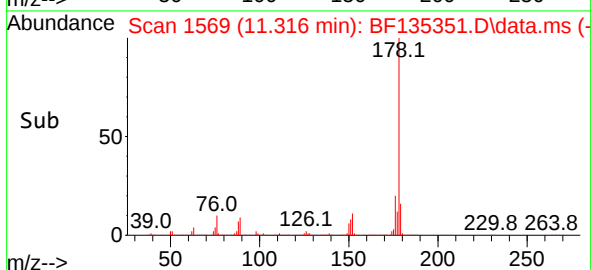
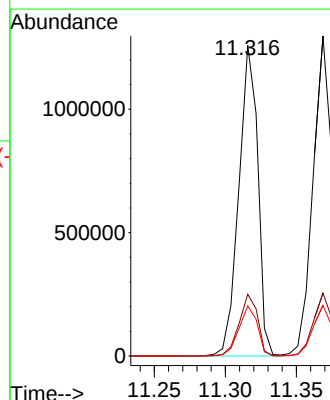
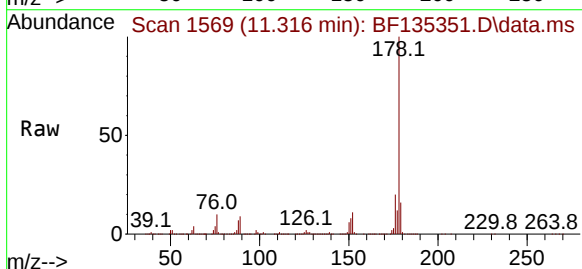
Tgt Ion:178 Resp: 1172760

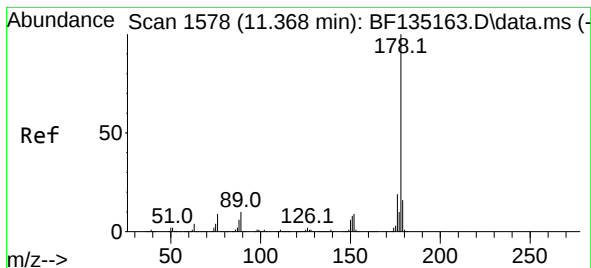
Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 16.1 12.0 18.0





#72

Anthracene

Concen: 41.054 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

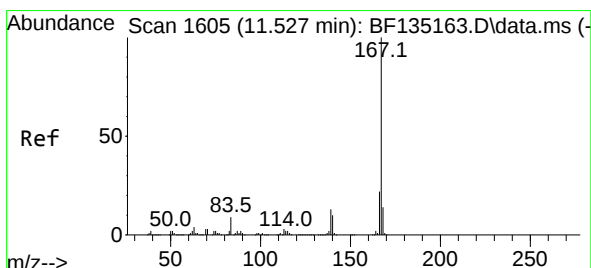
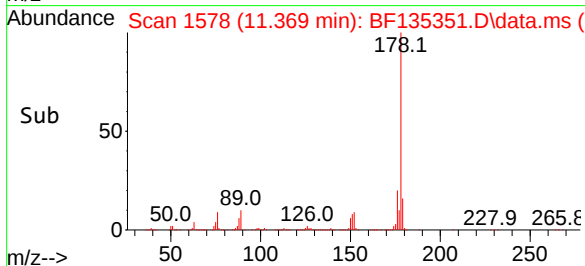
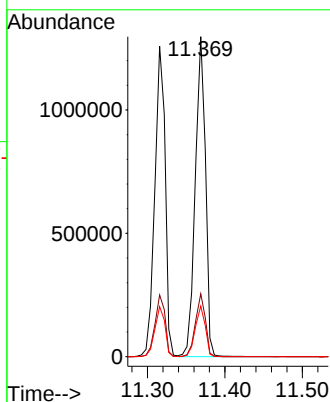
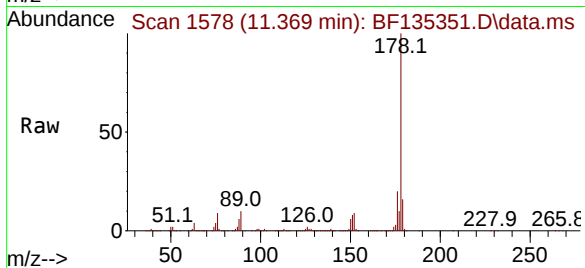
Tgt Ion:178 Resp: 1188960

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.8 12.6 19.0



#73

Carbazole

Concen: 44.164 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

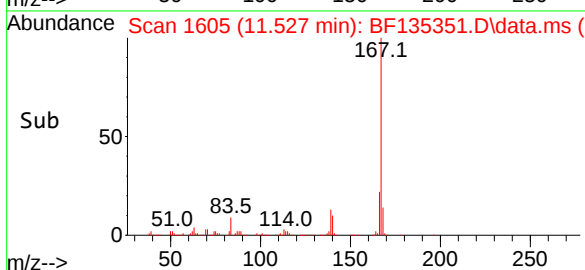
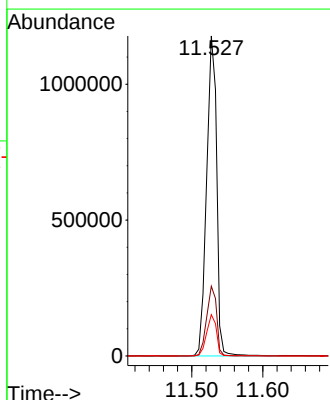
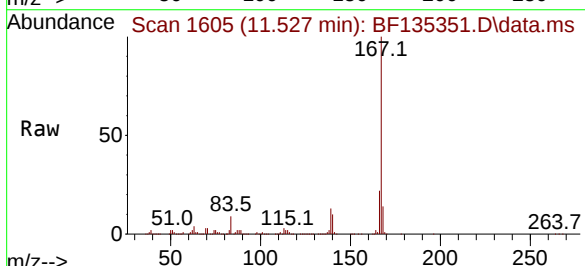
Tgt Ion:167 Resp: 1164343

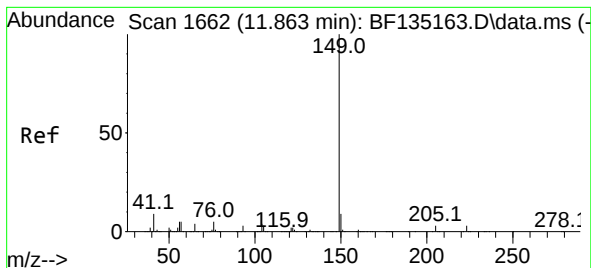
Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.9 10.6 15.8





#74

Di-n-butylphthalate

Concen: 42.518 ng

RT: 11.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

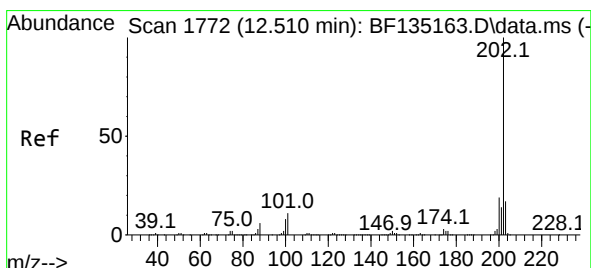
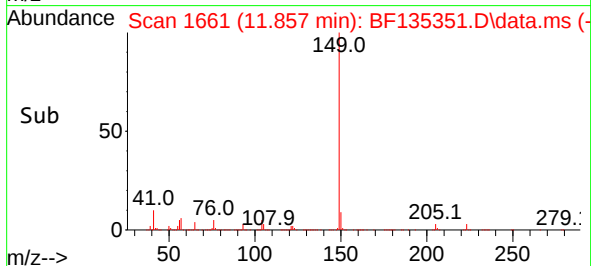
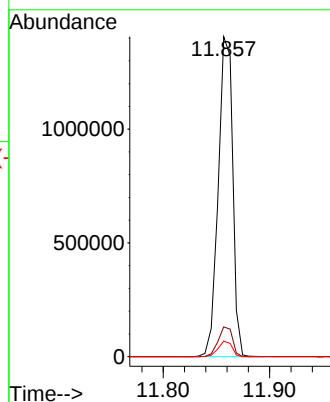
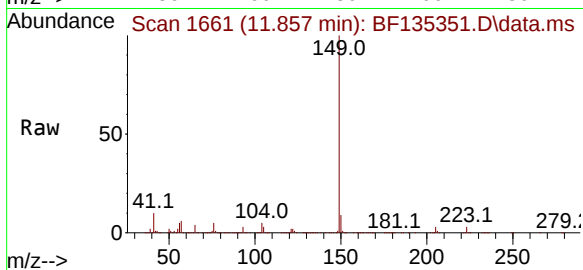
Tgt Ion:149 Resp: 1320865

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.9 3.6 5.4



#75

Fluoranthene

Concen: 42.259 ng

RT: 12.510 min Scan# 1772

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

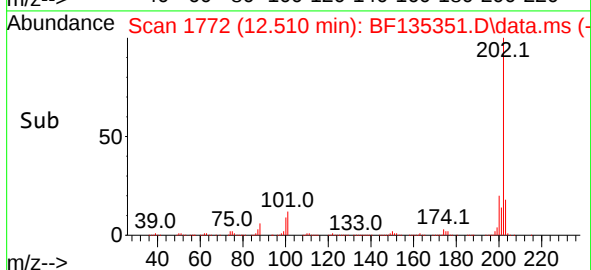
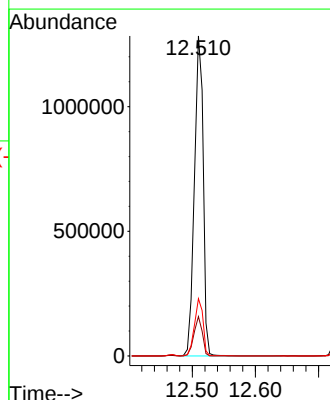
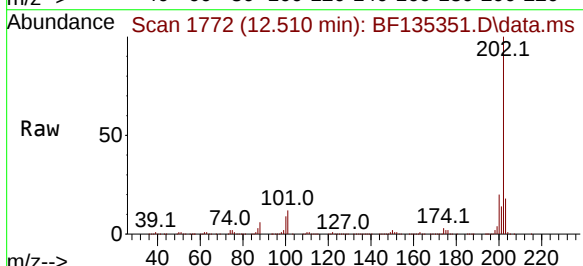
Tgt Ion:202 Resp: 1240648

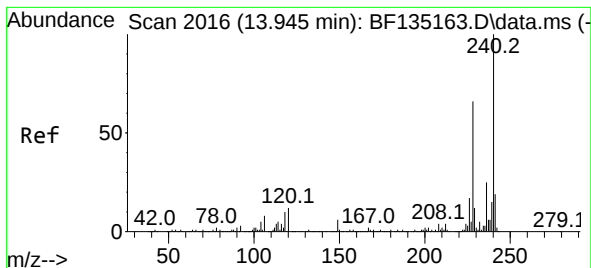
Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.3

203 17.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

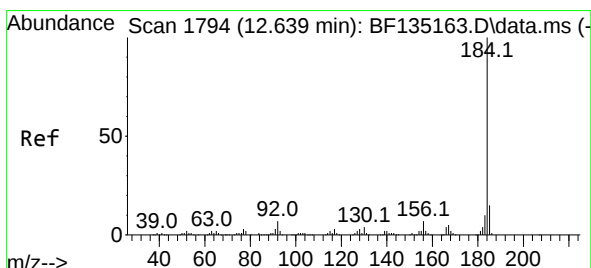
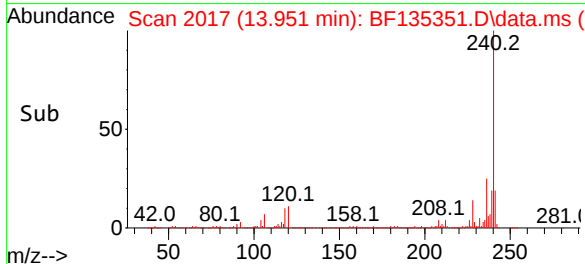
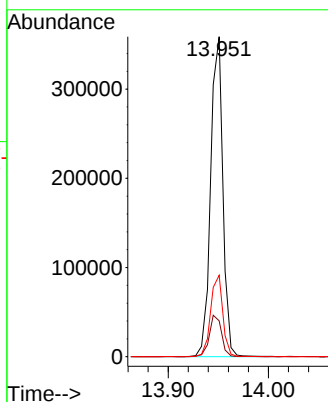
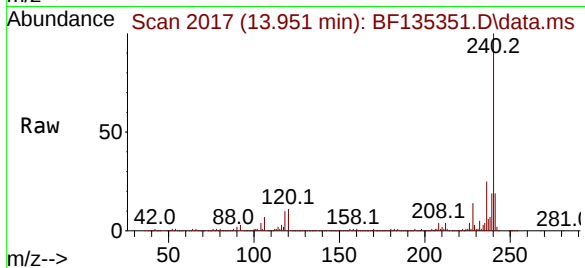
Tgt Ion:240 Resp: 304835

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 25.5 19.8 29.8



#77

Benzidine

Concen: 14.590 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

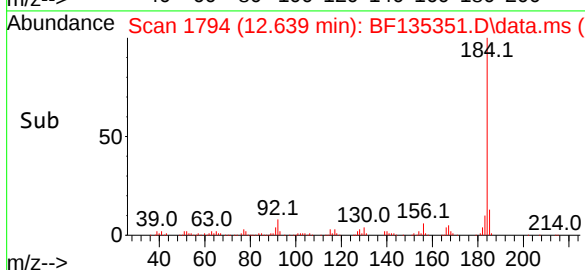
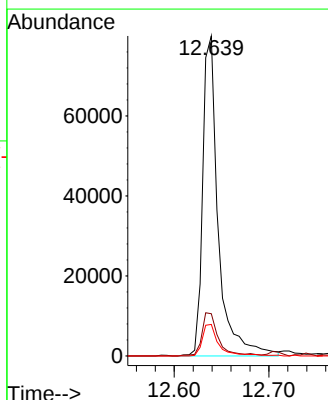
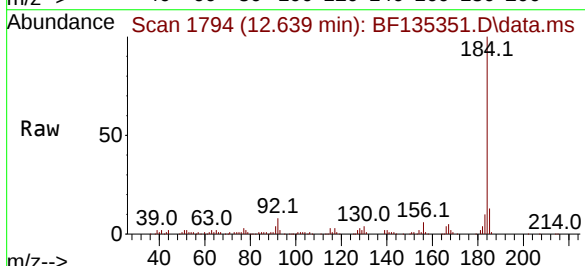
Tgt Ion:184 Resp: 91116

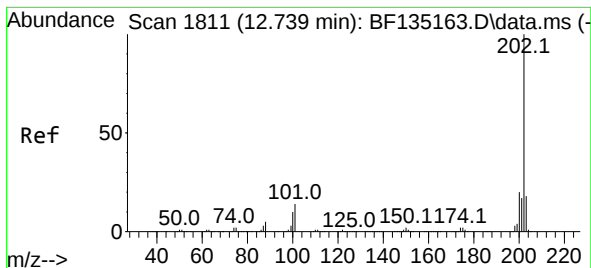
Ion Ratio Lower Upper

184 100

185 13.2 11.7 17.5

183 9.8 8.2 12.4





#78

Pyrene

Concen: 43.664 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

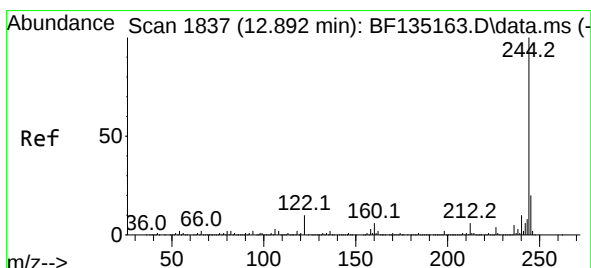
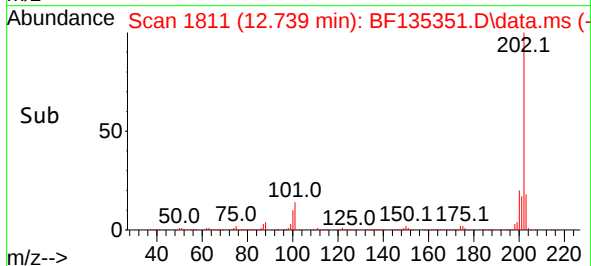
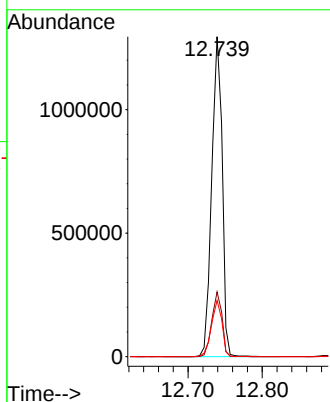
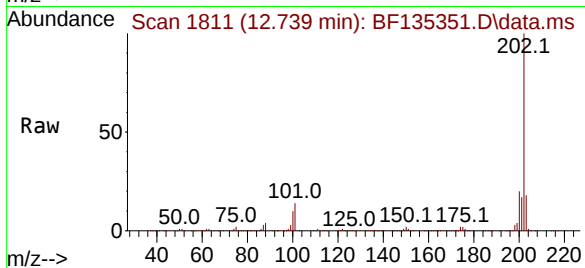
Tgt Ion:202 Resp: 1267245

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.5 14.2 21.4



#79

Terphenyl-d14

Concen: 73.687 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

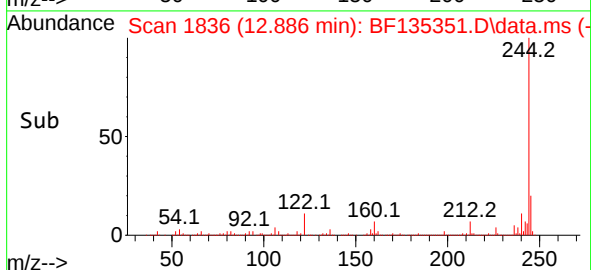
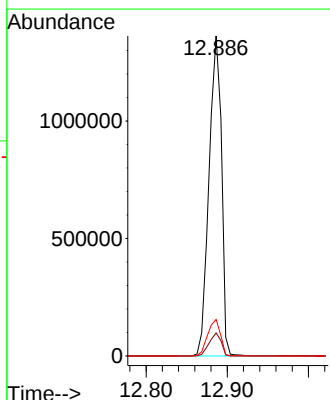
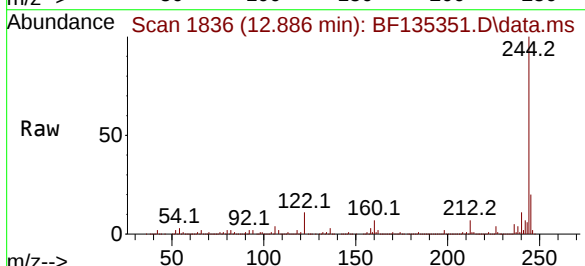
Tgt Ion:244 Resp: 1449000

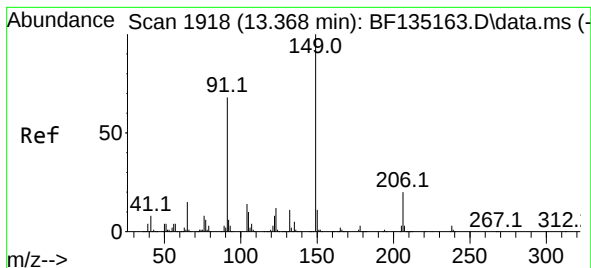
Ion Ratio Lower Upper

244 100

212 7.2 5.1 7.7

122 11.4 7.9 11.9





#80

Butylbenzylphthalate

Concen: 46.557 ng

RT: 13.363 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

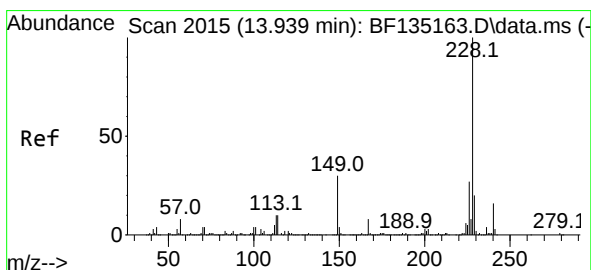
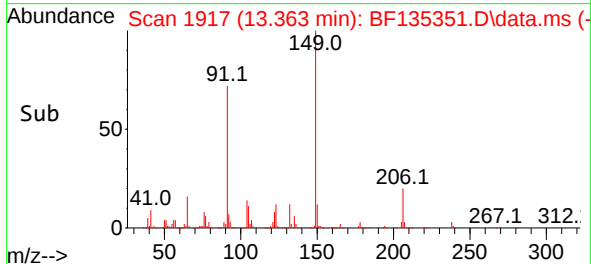
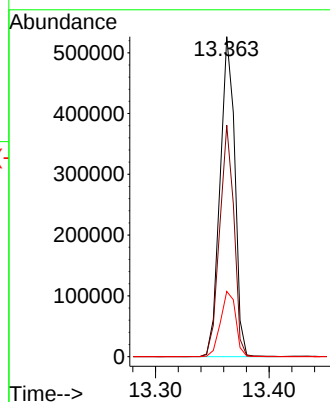
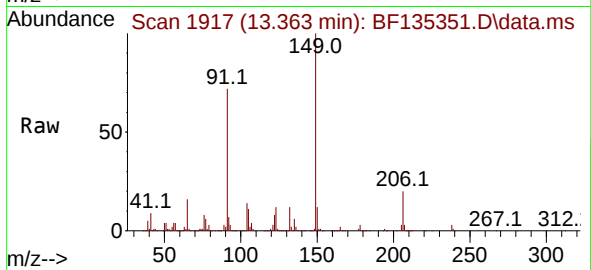
Tgt Ion:149 Resp: 475733

Ion Ratio Lower Upper

149 100

91 72.4 54.7 82.1

206 20.4 16.3 24.5



#81

Benzo(a)anthracene

Concen: 42.143 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

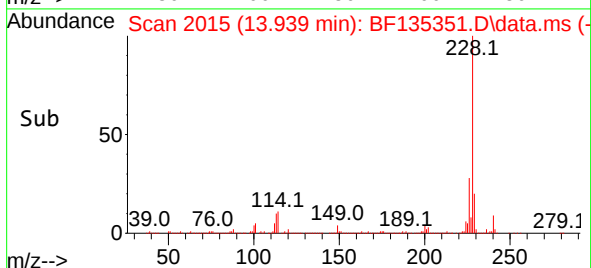
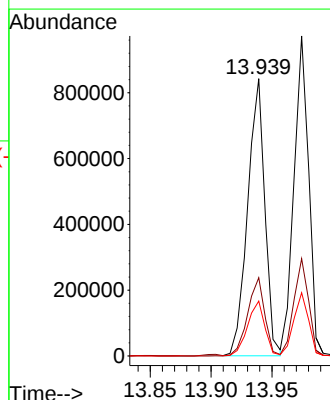
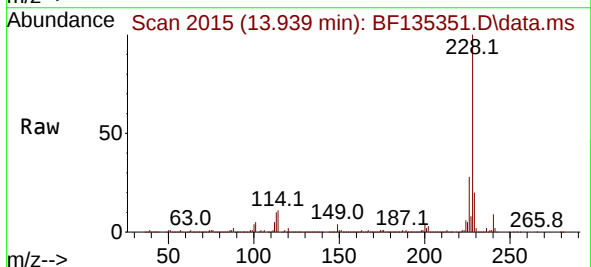
Tgt Ion:228 Resp: 829544

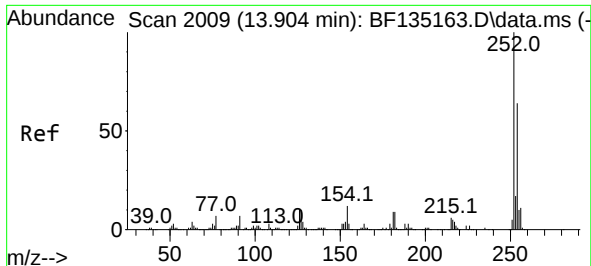
Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

229 19.8 15.8 23.8

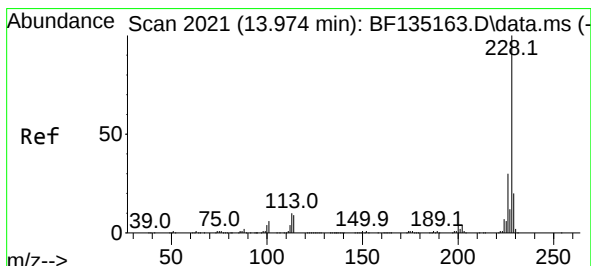
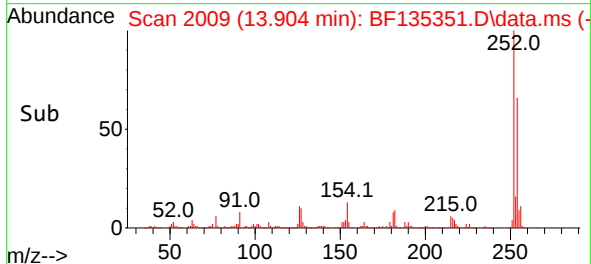
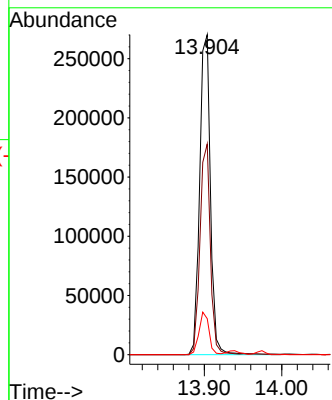
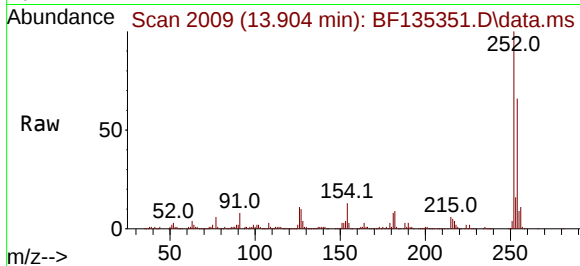




#82
 3,3'-Dichlorobenzidine
 Concen: 42.321 ng
 RT: 13.904 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: BF135351.D
 Acq: 20 Sep 2023 11:52

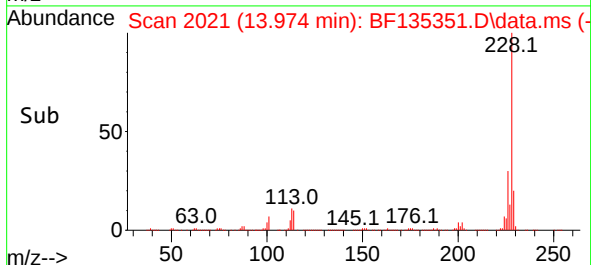
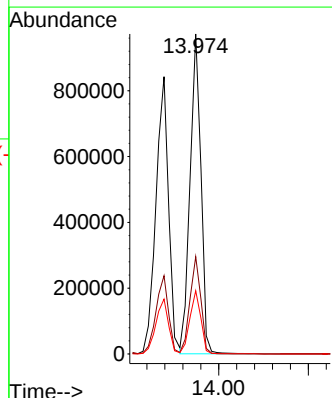
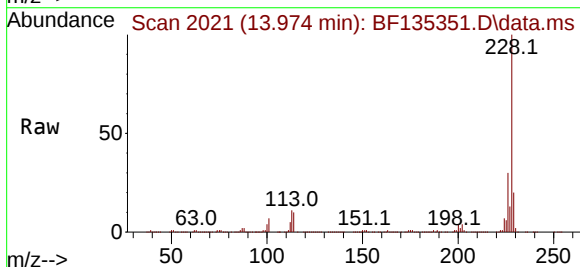
Instrument :
 BNA_F
 ClientSampleId :
 PB155675BS

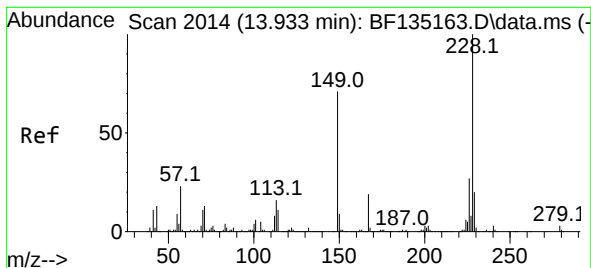
Tgt Ion:252 Resp: 260205
 Ion Ratio Lower Upper
 252 100
 254 65.9 51.0 76.4
 126 11.3 7.8 11.8



#83
 Chrysene
 Concen: 41.796 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: BF135351.D
 Acq: 20 Sep 2023 11:52

Tgt Ion:228 Resp: 817965
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 19.7 16.0 24.0

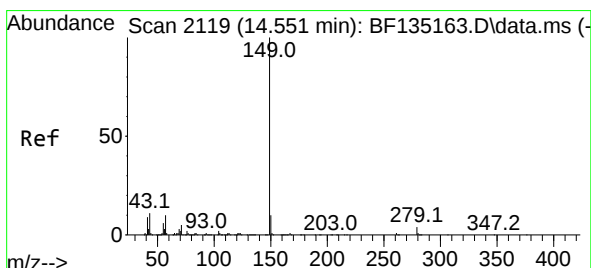
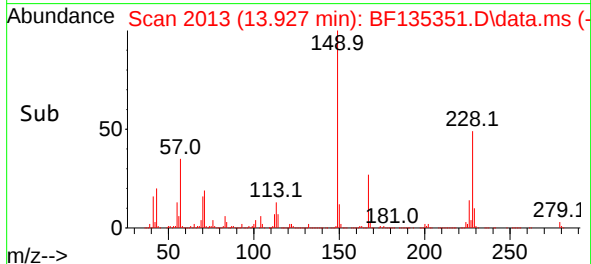
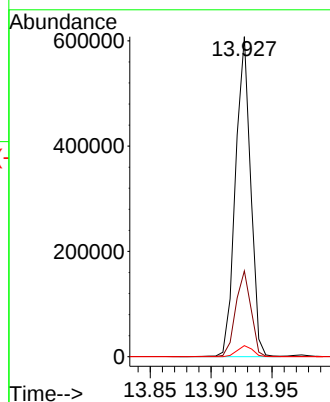
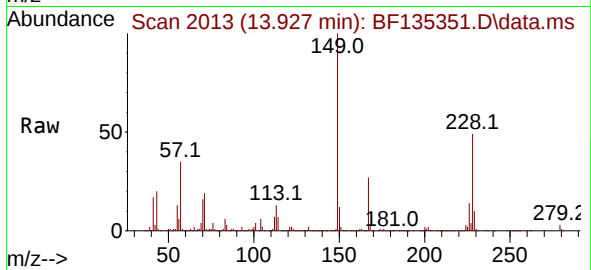




#84
Bis(2-ethylhexyl)phthalate
Concen: 49.877 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

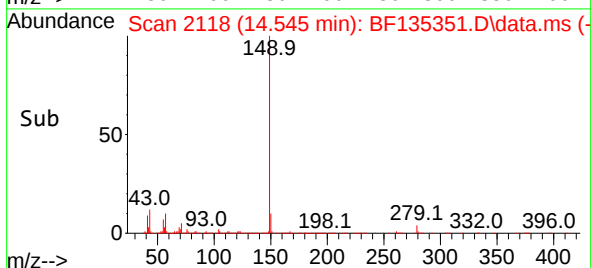
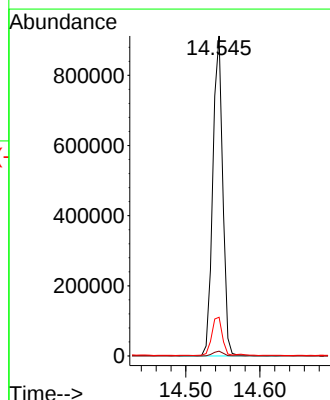
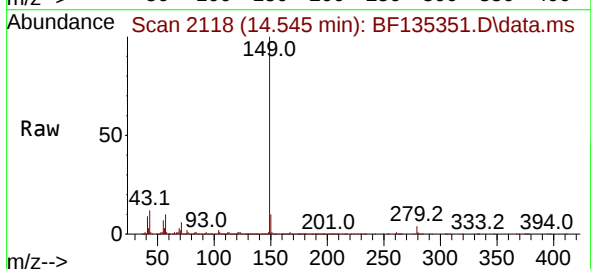
Instrument :
BNA_F
ClientSampleId :
PB155675BS

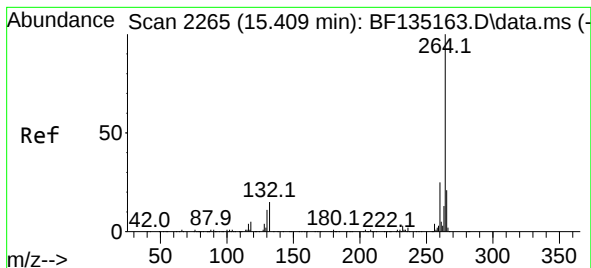
Tgt Ion:149 Resp: 523006
Ion Ratio Lower Upper
149 100
167 26.8 21.9 32.9
279 3.4 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 50.863 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF135351.D
Acq: 20 Sep 2023 11:52

Tgt Ion:149 Resp: 847591
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.6 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

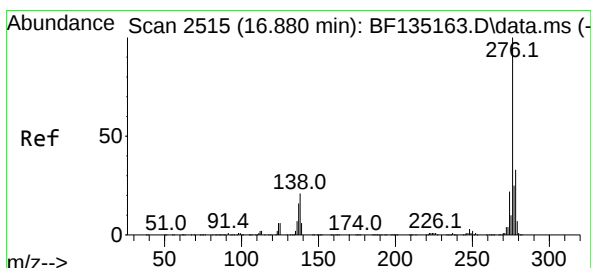
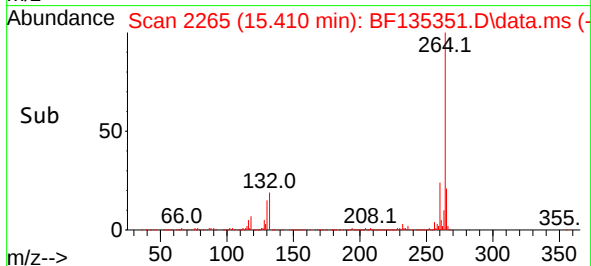
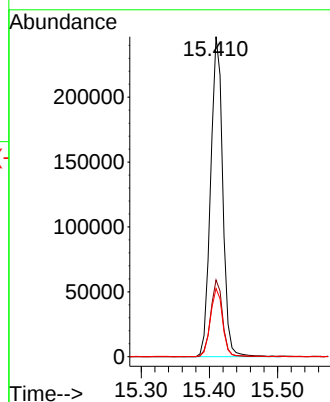
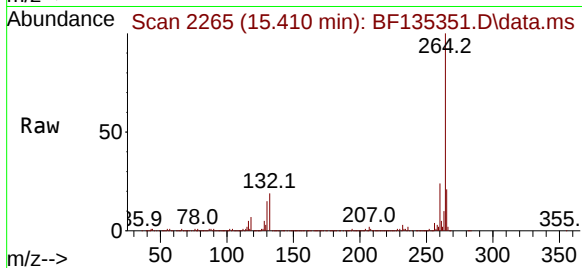
Tgt Ion:264 Resp: 304832

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.3 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.135 ng

RT: 16.904 min Scan# 2519

Delta R.T. 0.024 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

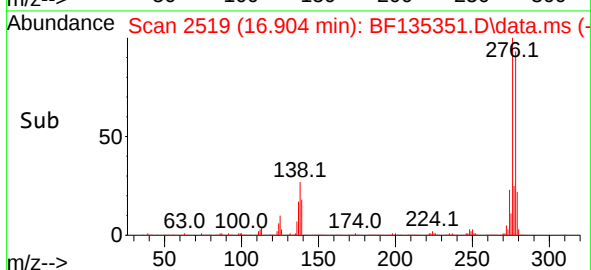
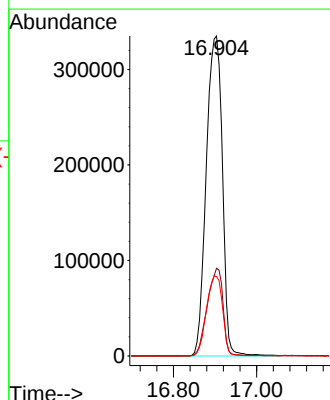
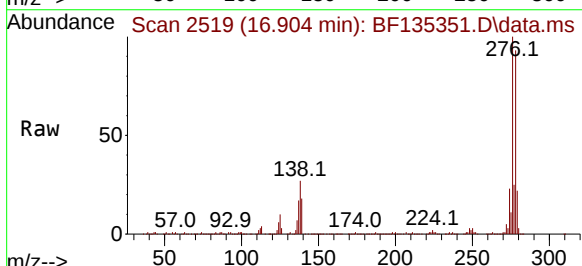
Tgt Ion:276 Resp: 902103

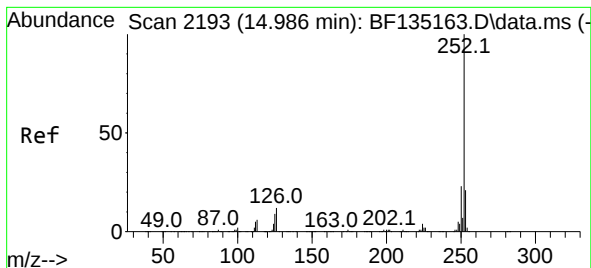
Ion Ratio Lower Upper

276 100

138 26.7 19.2 28.8

277 24.9 19.7 29.5





#88

Benzo(b)fluoranthene

Concen: 51.698 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

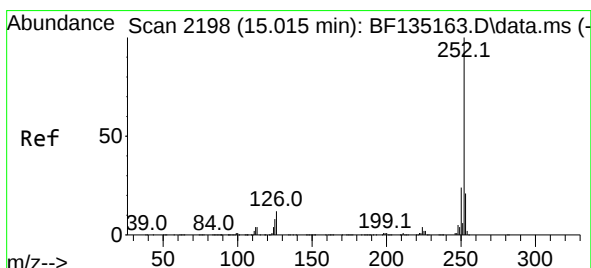
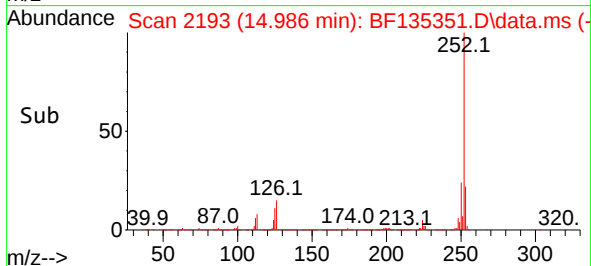
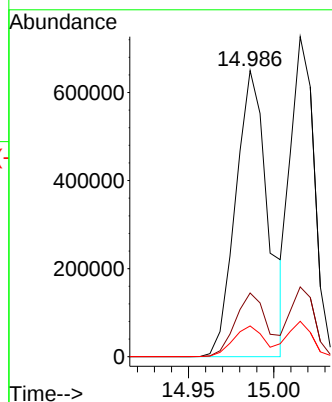
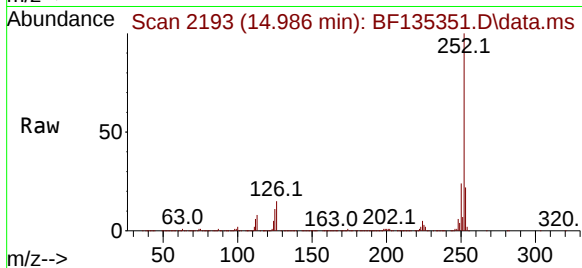
Tgt Ion:252 Resp: 853103

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 10.7 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 52.335 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.029 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

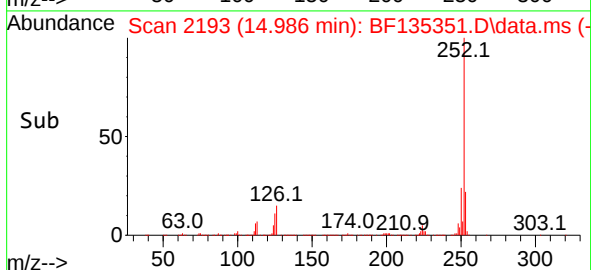
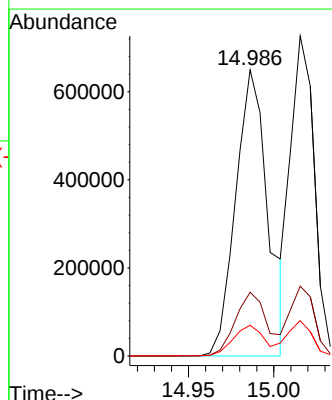
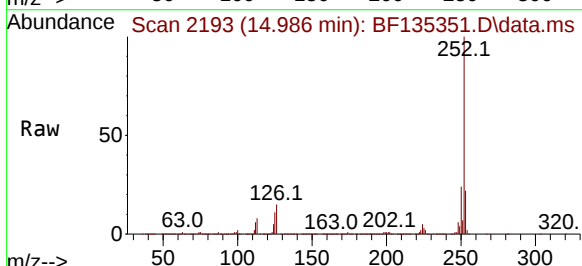
Tgt Ion:252 Resp: 853103

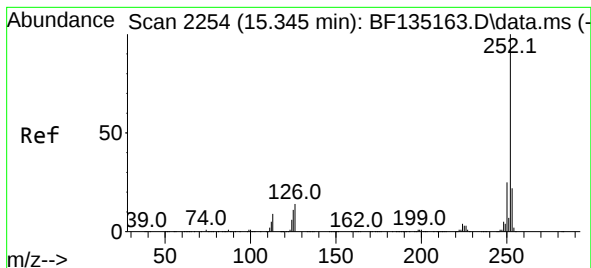
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.7 7.2 10.8





#90

Benzo(a)pyrene

Concen: 45.725 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS

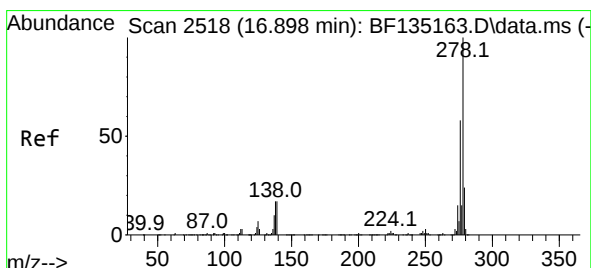
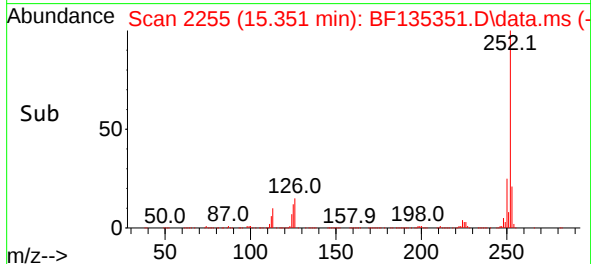
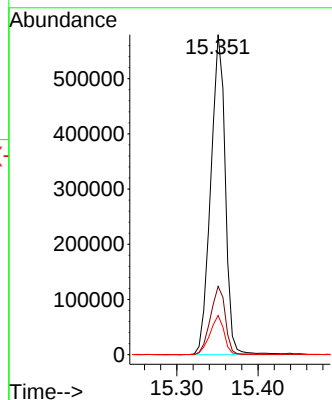
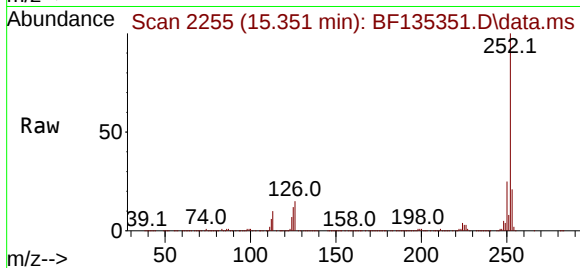
Tgt Ion:252 Resp: 719546

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 12.2 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 45.602 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135351.D

Acq: 20 Sep 2023 11:52

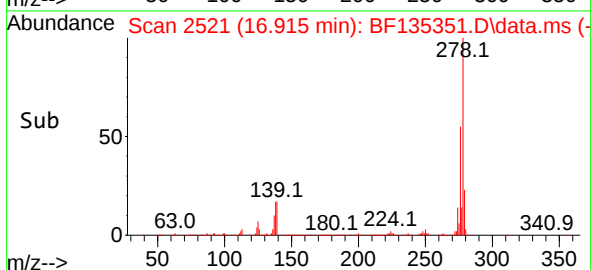
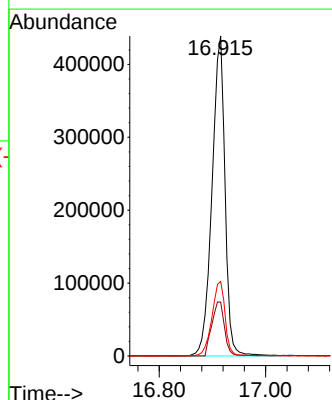
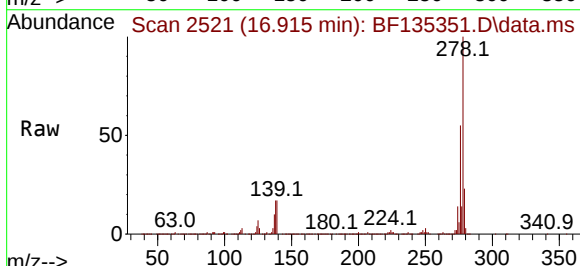
Tgt Ion:278 Resp: 745748

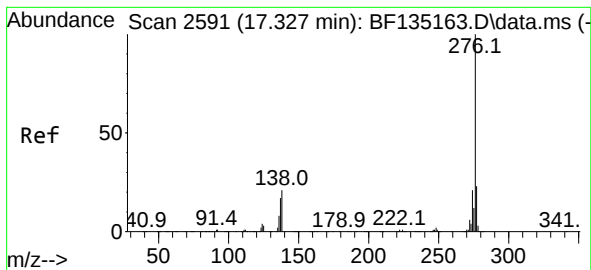
Ion Ratio Lower Upper

278 100

139 16.9 13.4 20.0

279 23.3 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 46.120 ng

RT: 17.351 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF135351.D

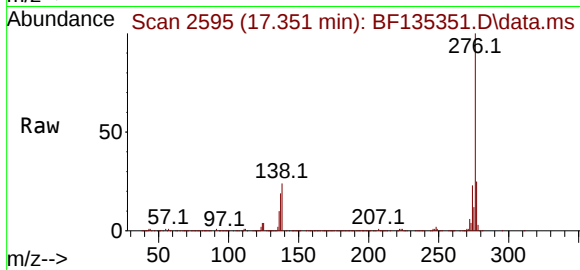
Acq: 20 Sep 2023 11:52

Instrument :

BNA_F

ClientSampleId :

PB155675BS



Tgt Ion:276 Resp: 787689

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 23.9 16.9 25.3

