

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135492.D
 Acq On : 28 Sep 2023 14:27
 Operator : CG\JU
 Sample : PB155842BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155842BSD

Quant Time: Sep 29 00:22:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	154134	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	610635	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	305360	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	569430	20.000	ng	0.00
76) Chrysene-d12	13.927	240	292104	20.000	ng	0.00
86) Perylene-d12	15.380	264	285325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1114971	117.654	ng	0.01
7) Phenol-d6	6.398	99	1384986	114.935	ng	0.00
23) Nitrobenzene-d5	7.316	82	883882	78.641	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	298961	98.519	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1422305	70.273	ng	0.00
79) Terphenyl-d14	12.869	244	1416017	75.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	168327	40.518	ng	92
3) Pyridine	3.287	79	428540	38.327	ng	99
4) n-Nitrosodimethylamine	3.246	42	270019	45.509	ng	94
6) Aniline	6.416	93	458408	29.010	ng	# 85
8) 2-Chlorophenol	6.534	128	449152	44.398	ng	98
9) Benzaldehyde	6.304	77	139325	20.296	ng	98
10) Phenol	6.410	94	537166	40.653	ng	87
11) bis(2-Chloroethyl)ether	6.487	93	437910	44.182	ng	99
12) 1,3-Dichlorobenzene	6.687	146	440467	42.842	ng	97
13) 1,4-Dichlorobenzene	6.763	146	448998	42.925	ng	99
14) 1,2-Dichlorobenzene	6.910	146	420845	43.324	ng	99
15) Benzyl Alcohol	6.898	79	354259	40.969	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.022	45	793621	42.479	ng	86
17) 2-Methylphenol	7.010	107	363743	40.745	ng	97
18) Hexachloroethane	7.251	117	165394	42.793	ng	94
19) n-Nitroso-di-n-propyla...	7.163	70	283544	37.989	ng	94
20) 3+4-Methylphenols	7.163	107	427811	39.853	ng	95
22) Acetophenone	7.157	105	565326	40.494	ng	95
24) Nitrobenzene	7.334	77	472374	42.521	ng	98
25) Isophorone	7.569	82	859533	41.647	ng	98
26) 2-Nitrophenol	7.645	139	235811	44.228	ng	97
27) 2,4-Dimethylphenol	7.687	122	366955	40.945	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	542717	43.934	ng	100
29) 2,4-Dichlorophenol	7.893	162	348912	42.015	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	363378	41.864	ng	99
31) Naphthalene	8.045	128	1230559	41.476	ng	100
32) Benzoic acid	7.834	122	269685	39.962	ng	95
33) 4-Chloroaniline	8.104	127	341088	26.203	ng	98
34) Hexachlorobutadiene	8.157	225	202704	38.729	ng	99
35) Caprolactam	8.475	113	71297	25.581	ng	97
36) 4-Chloro-3-methylphenol	8.598	107	391051	42.369	ng	94
37) 2-Methylnaphthalene	8.740	142	765860	38.402	ng	96
38) 1-Methylnaphthalene	8.839	142	730364	39.116	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	355289	40.161	ng	99
41) Hexachlorocyclopentadiene	8.887	237	191560	51.991	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	232950	40.218	ng	99

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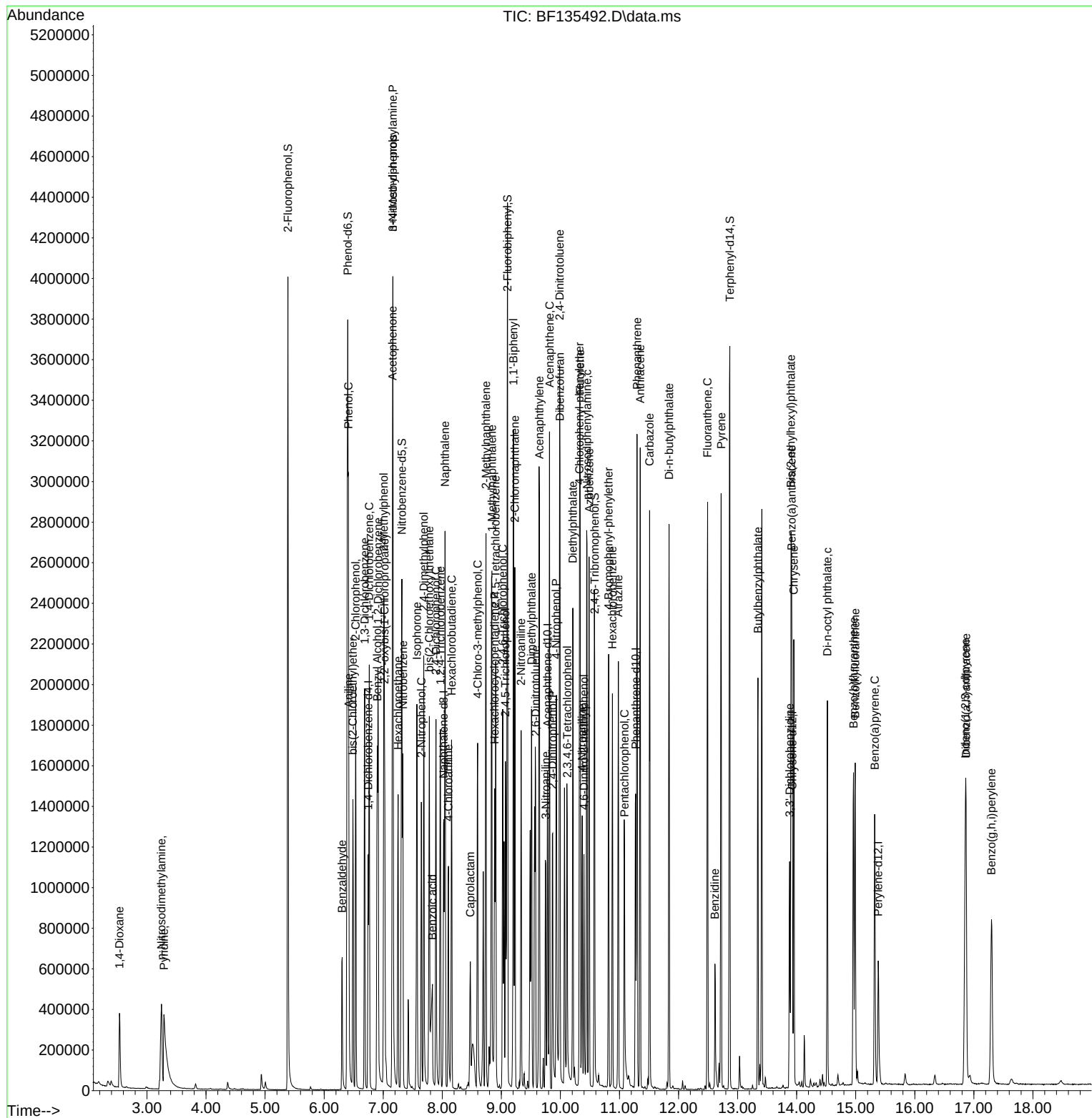
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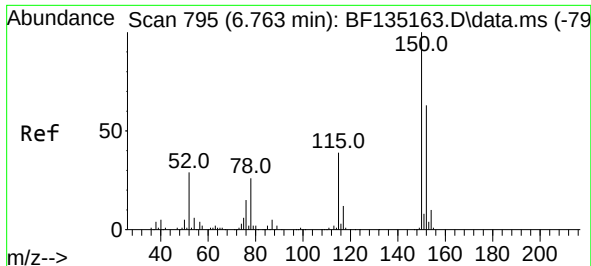
Quant Time: Sep 29 00:22:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	255348	38.281	ng	95
46) 1,1'-Biphenyl	9.204	154	930565	39.655	ng	98
47) 2-Chloronaphthalene	9.228	162	712400	41.841	ng	98
48) 2-Nitroaniline	9.334	65	289906	43.828	ng	96
49) Acenaphthylene	9.645	152	1153717	40.773	ng	99
50) Dimethylphthalate	9.510	163	836298	40.508	ng	99
51) 2,6-Dinitrotoluene	9.581	165	189166	41.826	ng	# 83
52) Acenaphthene	9.816	154	680388	40.703	ng	97
53) 3-Nitroaniline	9.751	138	175741	33.103	ng	91
54) 2,4-Dinitrophenol	9.869	184	184529	72.505	ng	89
55) Dibenzofuran	9.992	168	968750	37.978	ng	99
56) 4-Nitrophenol	9.928	139	256848	76.123	ng	97
57) 2,4-Dinitrotoluene	9.986	165	217521	38.417	ng	# 80
58) Fluorene	10.334	166	772509	39.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	205113	39.974	ng	98
60) Diethylphthalate	10.210	149	828252	39.974	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	356355	37.830	ng	98
62) 4-Nitroaniline	10.369	138	209344	41.022	ng	95
63) Azobenzene	10.486	77	861665	42.492	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	131120	43.354	ng	98
66) n-Nitrosodiphenylamine	10.451	169	720542	41.796	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	224144	39.578	ng	97
68) Hexachlorobenzene	10.881	284	242205	41.979	ng	# 90
69) Atrazine	10.981	200	215187	46.390	ng	99
70) Pentachlorophenol	11.086	266	185334	53.689	ng	99
71) Phenanthrene	11.298	178	1136554	42.202	ng	99
72) Anthracene	11.351	178	1160079	41.906	ng	100
73) Carbazole	11.510	167	1128047	44.763	ng	100
74) Di-n-butylphthalate	11.839	149	1311151	44.155	ng	99
75) Fluoranthene	12.492	202	1193439	42.528	ng	99
77) Benzidine	12.616	184	260396	43.513	ng	99
78) Pyrene	12.722	202	1208687	43.461	ng	100
80) Butylbenzylphthalate	13.345	149	460327	47.012	ng	98
81) Benzo(a)anthracene	13.916	228	812680	43.086	ng	98
82) 3,3'-Dichlorobenzidine	13.880	252	226945	38.520	ng	# 97
83) Chrysene	13.951	228	802201	42.777	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	546951	54.434	ng	100
85) Di-n-octyl phthalate	14.521	149	829142	51.925	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	822618	43.972	ng	97
88) Benzo(b)fluoranthene	14.963	252	712433	46.125	ng	97
89) Benzo(k)fluoranthene	14.992	252	679973	44.566	ng	98
90) Benzo(a)pyrene	15.321	252	640966	43.516	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	669258	43.722	ng	99
92) Benzo(g,h,i)perylene	17.298	276	685964	42.910	ng	96

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

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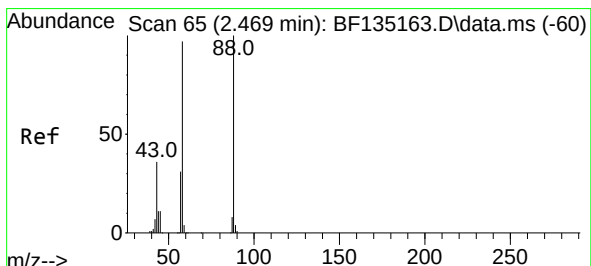
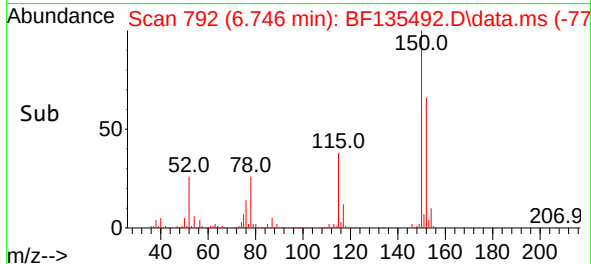
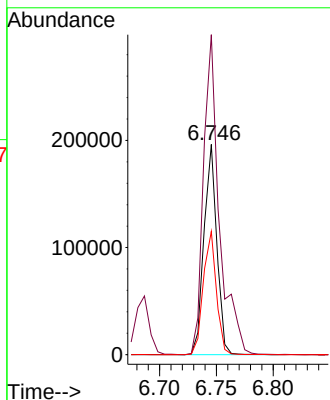
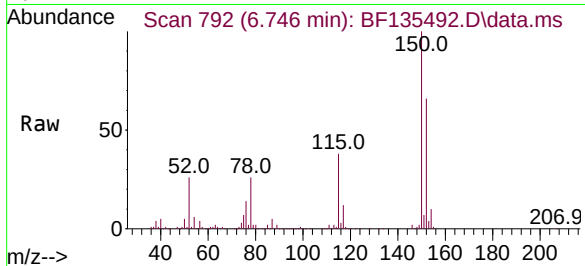




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.746 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

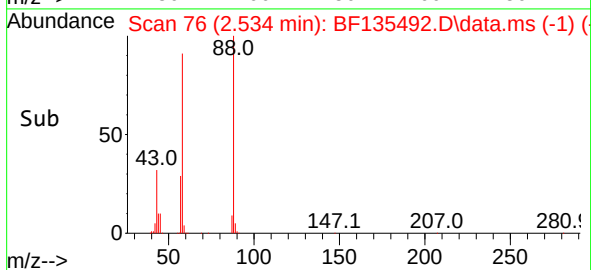
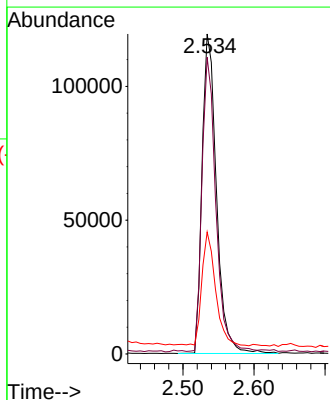
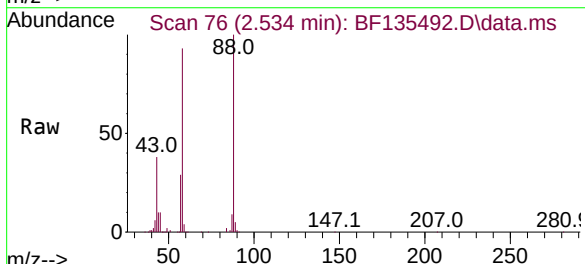
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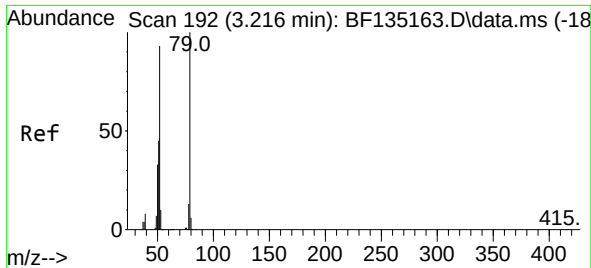
Tgt Ion:152 Resp: 154134
 Ion Ratio Lower Upper
 152 100
 150 152.2 127.8 191.6
 115 58.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.518 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.100 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

Tgt Ion: 88 Resp: 168327
 Ion Ratio Lower Upper
 88 100
 58 88.8 78.3 117.5
 43 33.9 29.4 44.0





#3

Pyridine

Concen: 38.327 ng

RT: 3.287 min Scan# 204

Delta R.T. 0.112 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

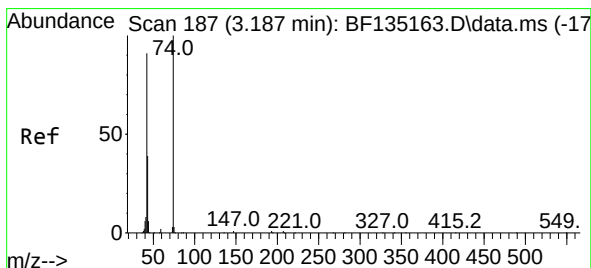
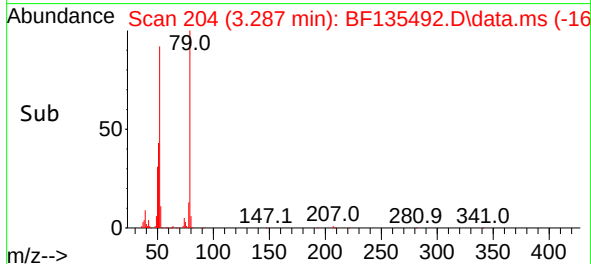
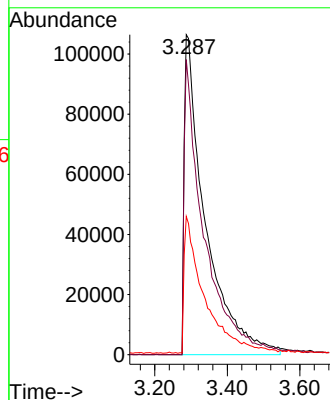
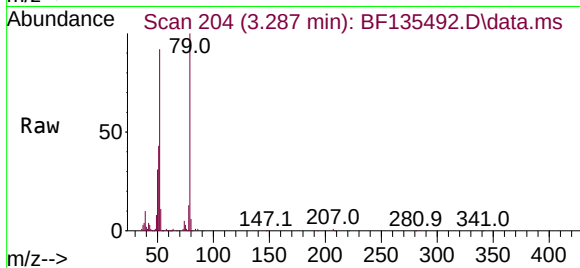
Tgt Ion: 79 Resp: 428540

Ion Ratio Lower Upper

79 100

52 92.2 74.1 111.1

51 43.2 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 45.509 ng

RT: 3.246 min Scan# 197

Delta R.T. 0.094 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

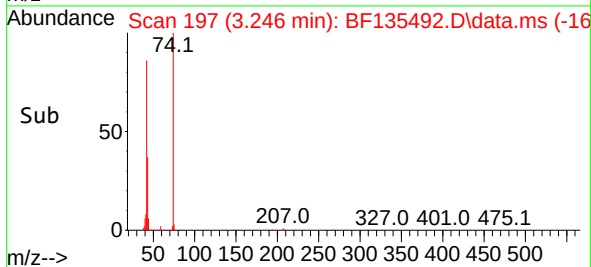
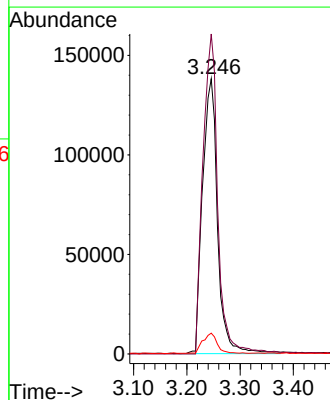
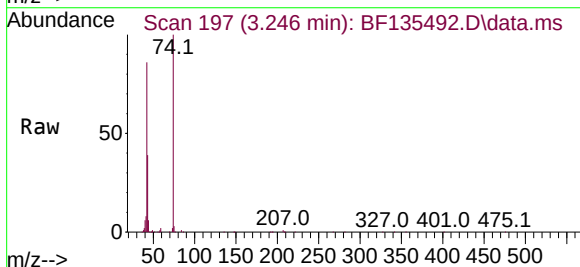
Tgt Ion: 42 Resp: 270019

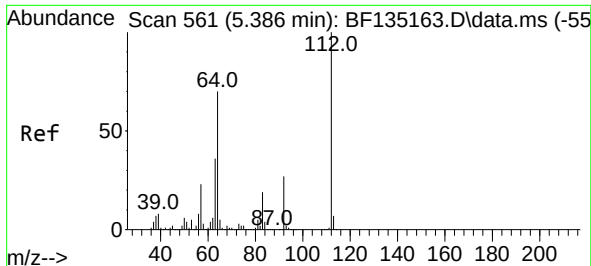
Ion Ratio Lower Upper

42 100

74 116.3 87.7 131.5

44 7.5 5.6 8.4

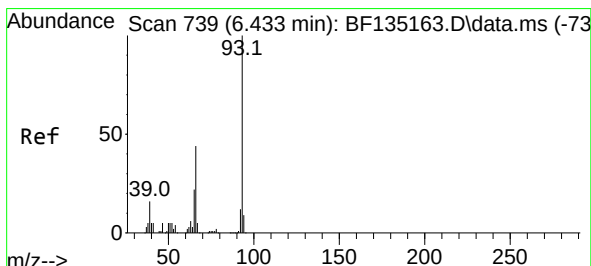
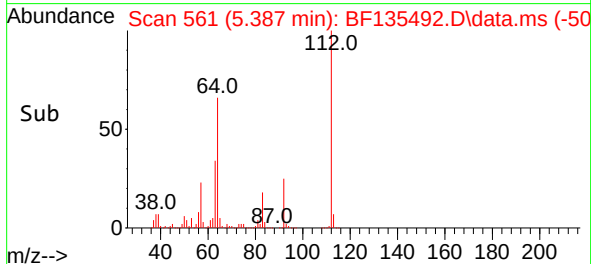
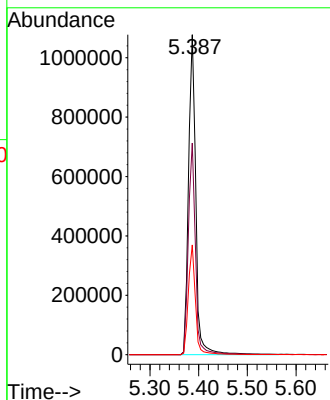
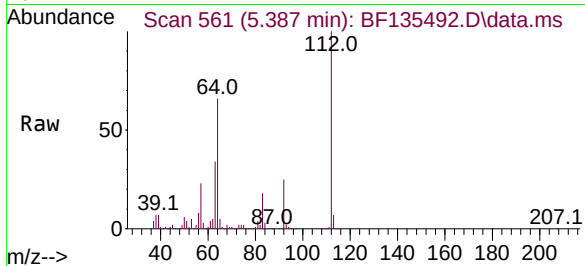




#5
2-Fluorophenol
Concen: 117.654 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

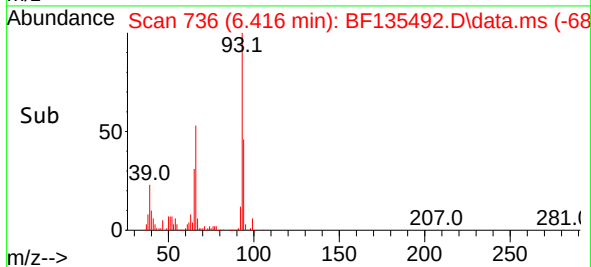
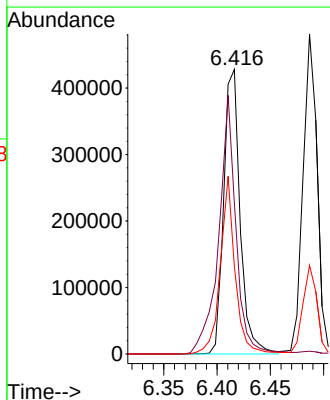
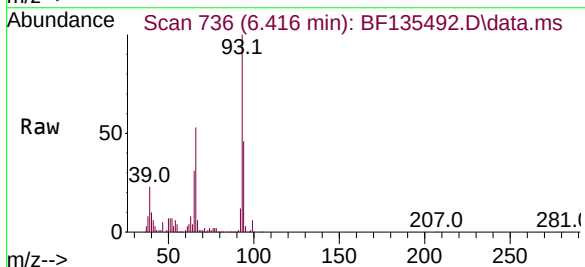
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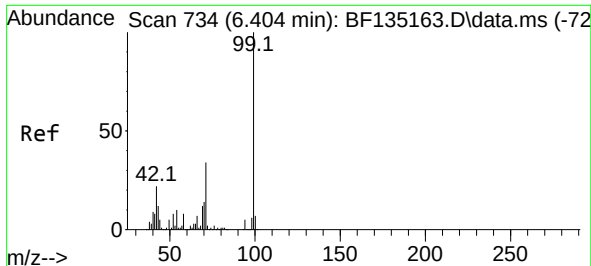
Tgt Ion:112 Resp: 1114971
Ion Ratio Lower Upper
112 100
64 66.1 55.9 83.9
63 34.3 29.0 43.6



#6
Aniline
Concen: 29.010 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 93 Resp: 458408
Ion Ratio Lower Upper
93 100
66 53.0 35.4 53.0
65 30.7 17.8 26.8





#7

Phenol-d6

Concen: 114.935 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

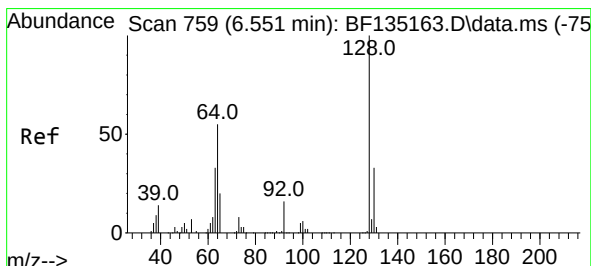
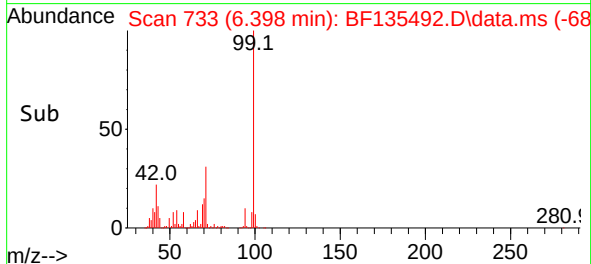
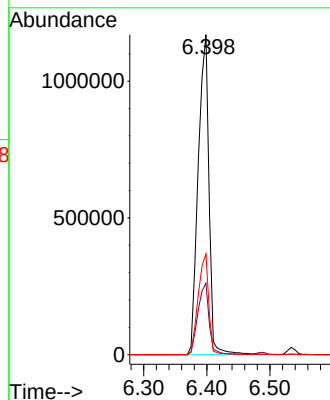
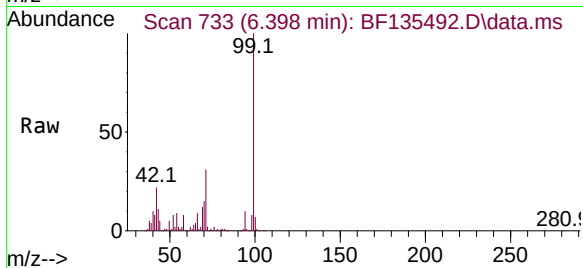
BNA_F

ClientSampleId :

PB155842BSD

Tgt Ion: 99 Resp: 1384986

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.9	26.9
71	31.5	27.0	40.6



#8

2-Chlorophenol

Concen: 44.398 ng

RT: 6.534 min Scan# 756

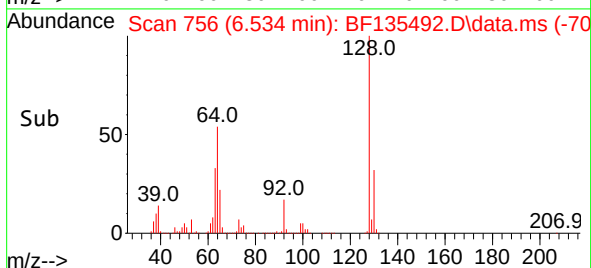
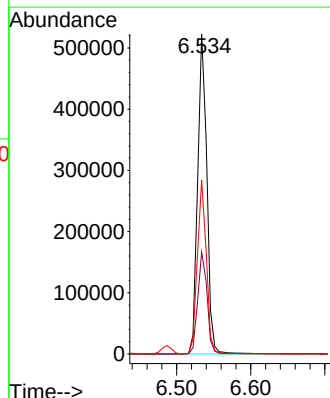
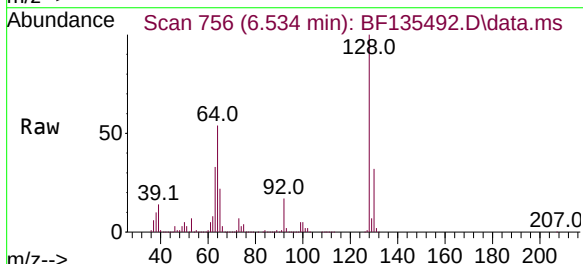
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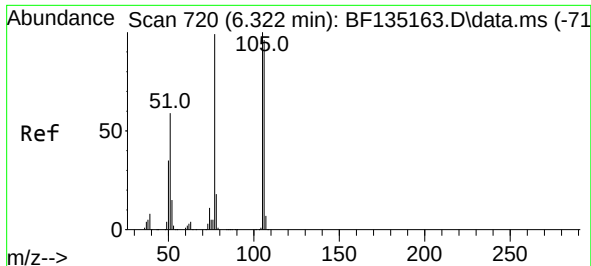
Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:128 Resp: 449152

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.7	52.7
64	54.4	35.9	75.9





#9

Benzaldehyde

Concen: 20.296 ng

RT: 6.304 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

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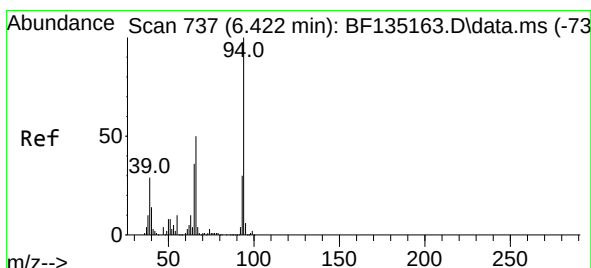
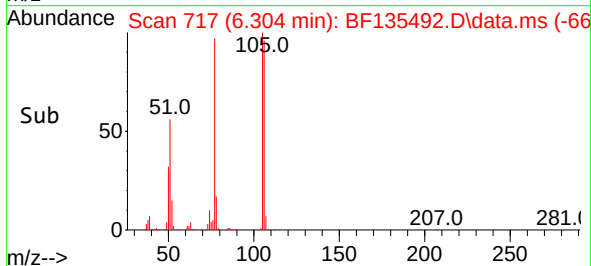
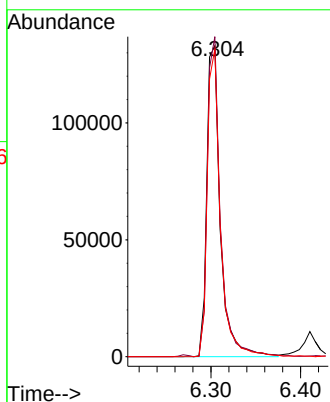
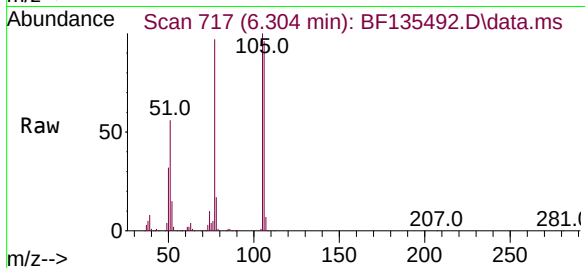
Tgt Ion: 77 Resp: 139325

Ion Ratio Lower Upper

77 100

105 102.9 81.4 121.4

106 98.9 76.9 116.9



#10

Phenol

Concen: 40.653 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

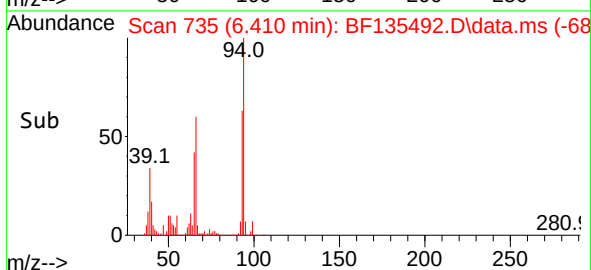
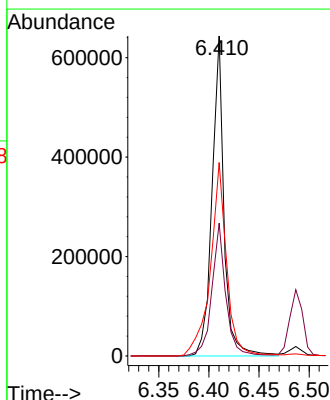
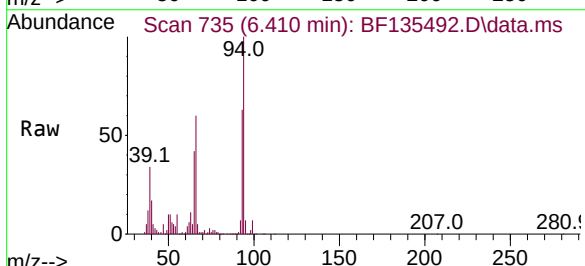
Tgt Ion: 94 Resp: 537166

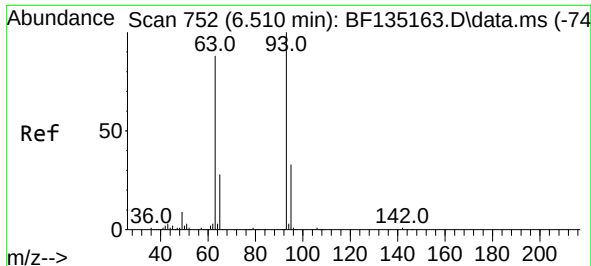
Ion Ratio Lower Upper

94 100

65 41.5 15.9 55.9

66 60.5 29.8 69.8

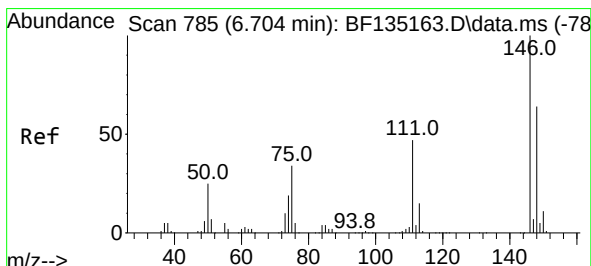
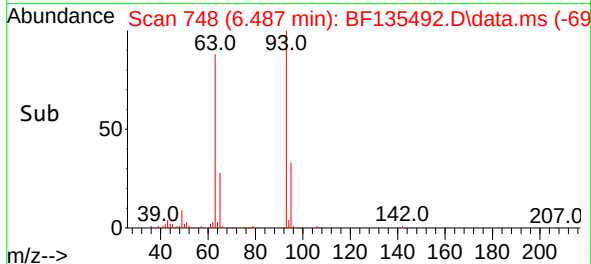
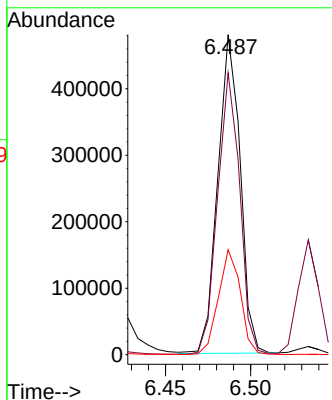
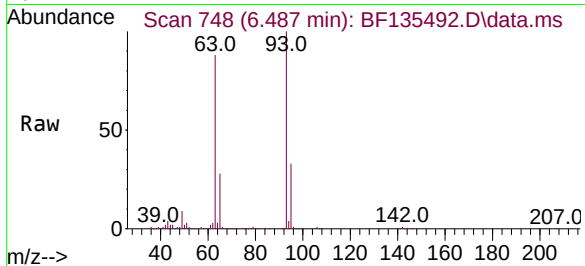




#11
bis(2-Chloroethyl)ether
Concen: 44.182 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

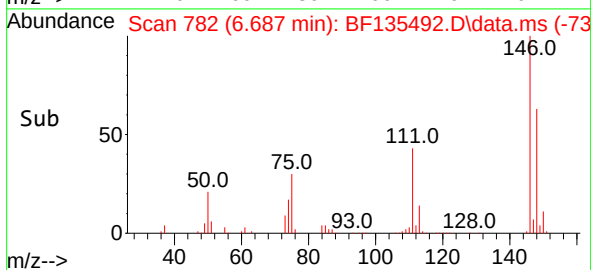
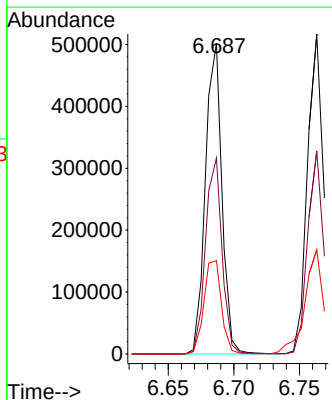
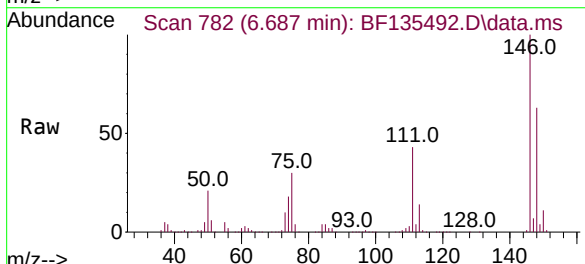
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

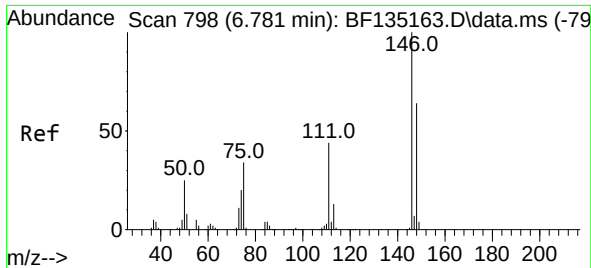
Tgt Ion: 93 Resp: 437910
Ion Ratio Lower Upper
93 100
63 88.1 67.3 107.3
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.842 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:146 Resp: 440467
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 30.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.925 ng

RT: 6.763 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

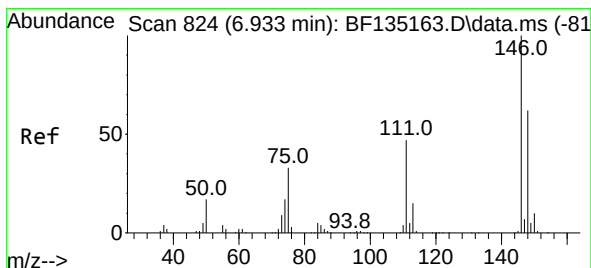
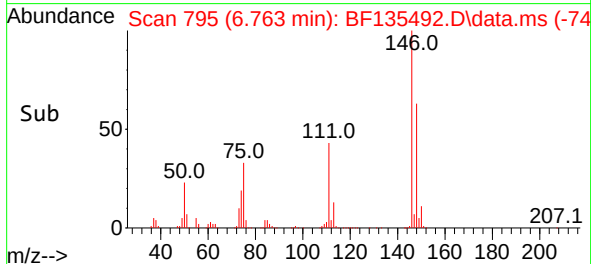
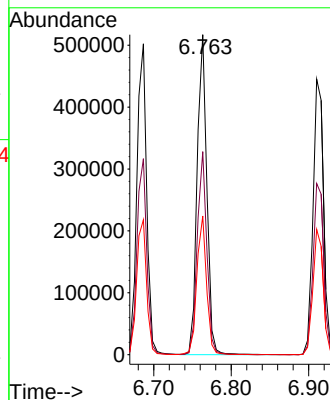
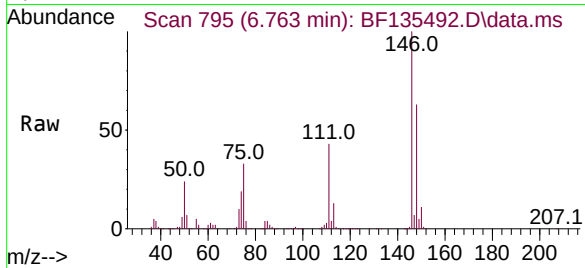
Tgt Ion:146 Resp: 448998

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

111 43.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 43.324 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

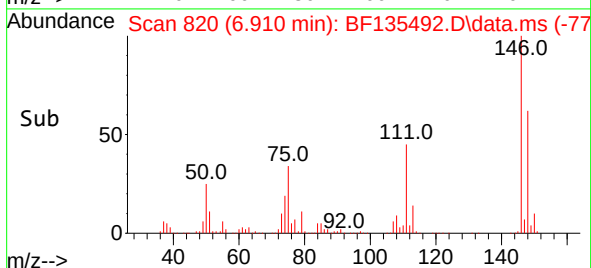
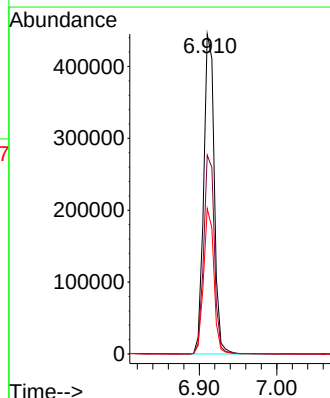
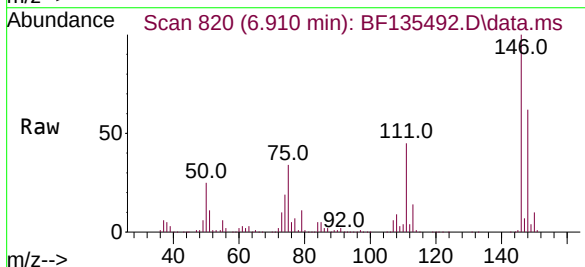
Tgt Ion:146 Resp: 420845

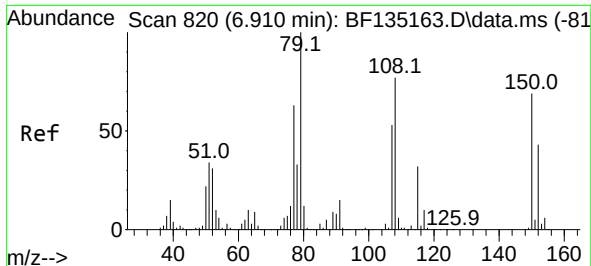
Ion Ratio Lower Upper

146 100

148 62.1 49.7 74.5

111 45.5 37.4 56.2

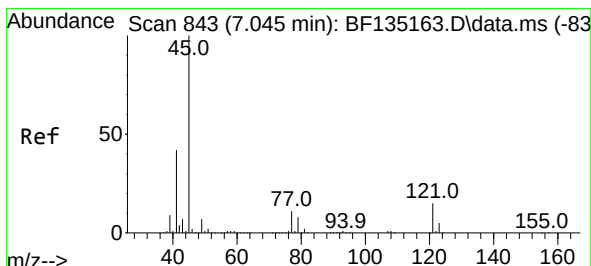
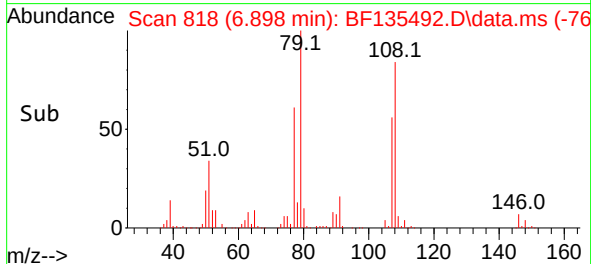
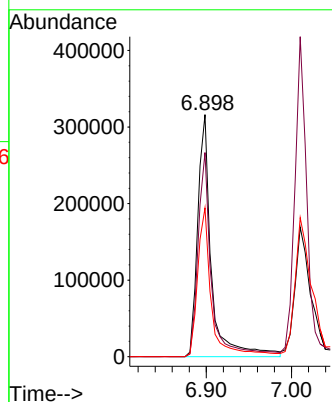
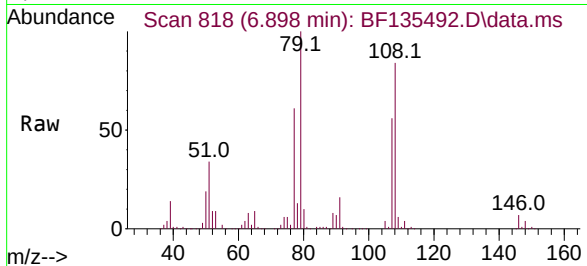




#15
Benzyl Alcohol
Concen: 40.969 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

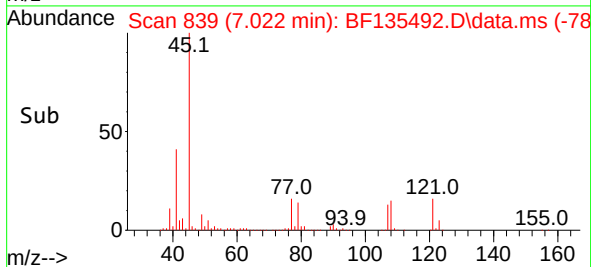
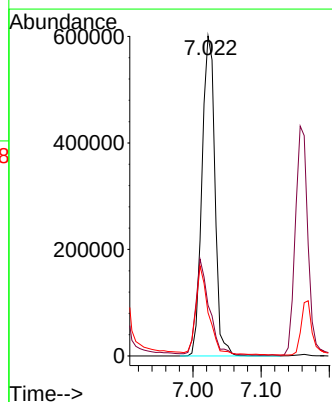
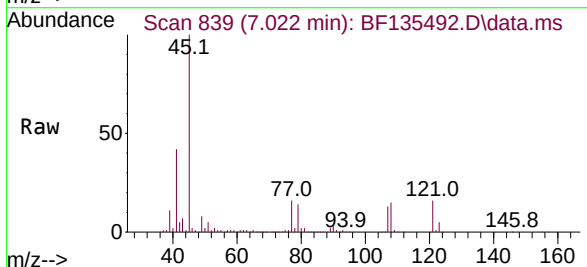
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

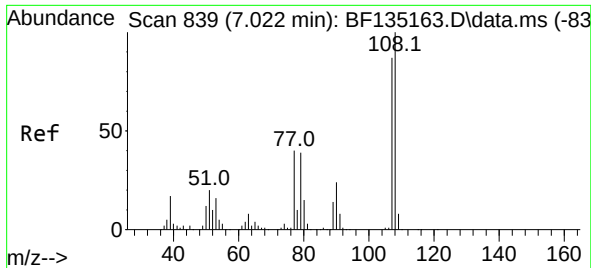
Tgt Ion: 79 Resp: 354259
Ion Ratio Lower Upper
79 100
108 84.3 61.2 91.8
77 61.4 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.479 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 45 Resp: 793621
Ion Ratio Lower Upper
45 100
77 15.9 0.0 30.6
79 13.5 0.0 28.3

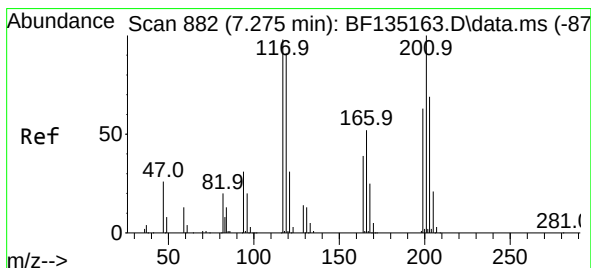
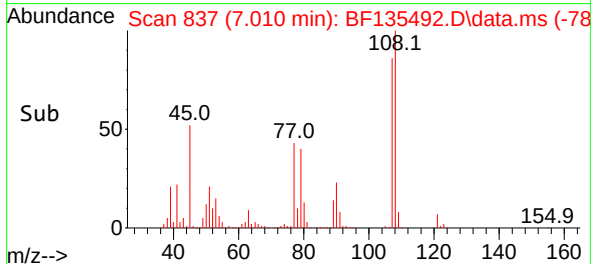
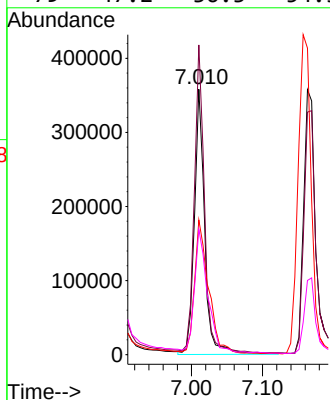
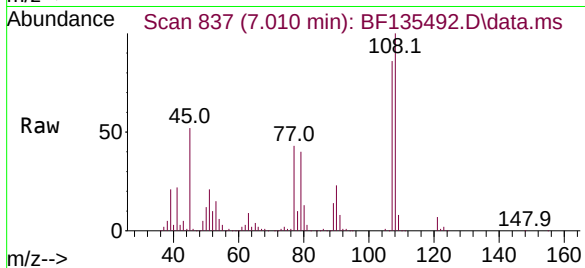




#17
2-Methylphenol
Concen: 40.745 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

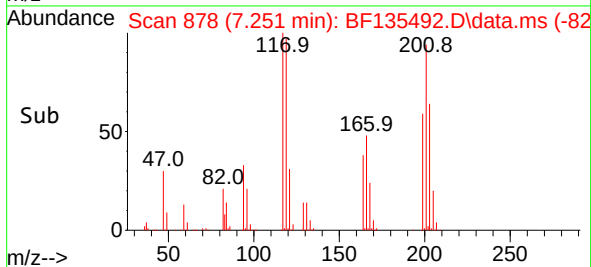
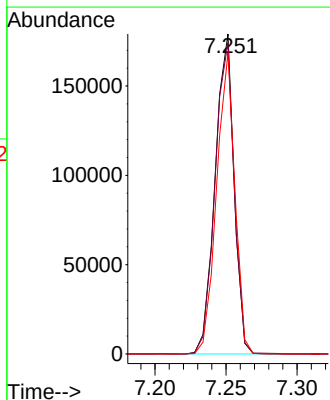
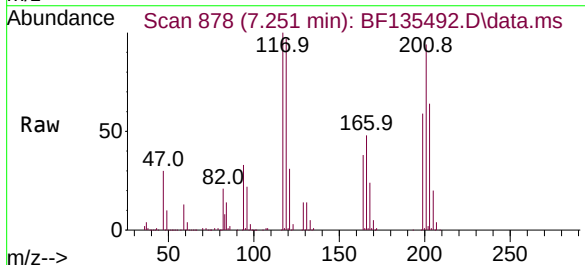
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

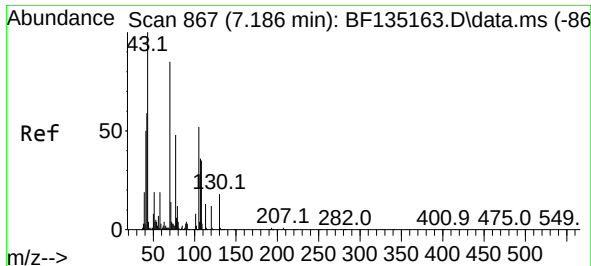
Tgt Ion:107 Resp: 363743
Ion Ratio Lower Upper
107 100
108 116.7 92.0 138.0
77 50.8 36.7 55.1
79 47.2 36.3 54.5



#18
Hexachloroethane
Concen: 42.793 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:117 Resp: 165394
Ion Ratio Lower Upper
117 100
119 97.3 74.7 112.1
201 94.1 81.8 122.8

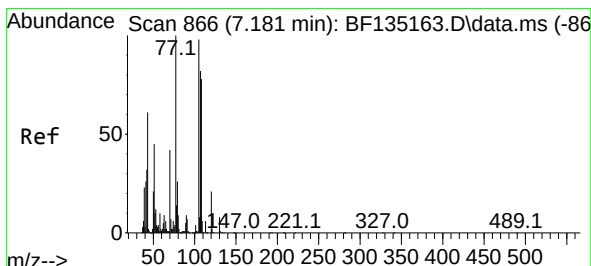
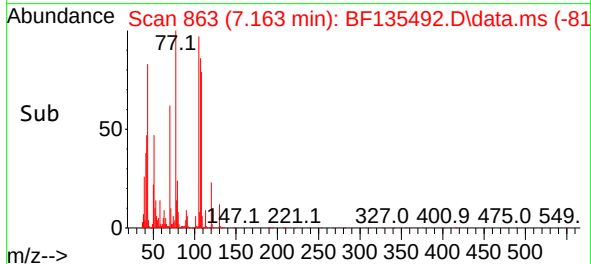
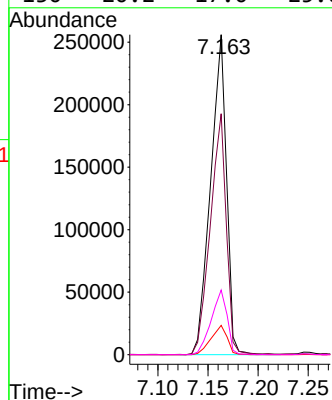
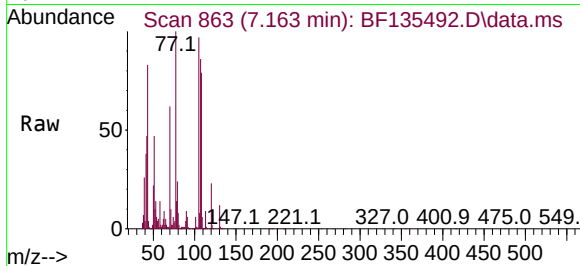




#19
n-Nitroso-di-n-propylamine
Concen: 37.989 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

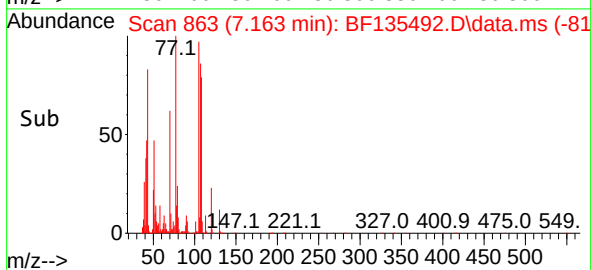
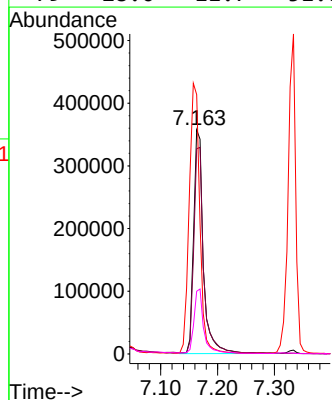
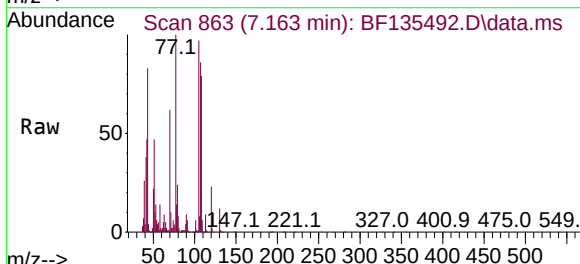
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

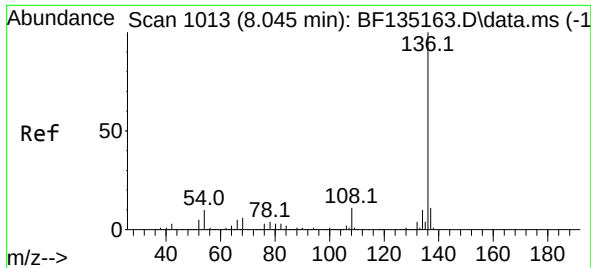
Tgt Ion:	70	Resp:	283544
Ion	Ratio	Lower	Upper
70	100		
42	75.3	55.4	83.0
101	9.1	7.7	11.5
130	20.2	17.0	25.6



#20
3+4-Methylphenols
Concen: 39.853 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

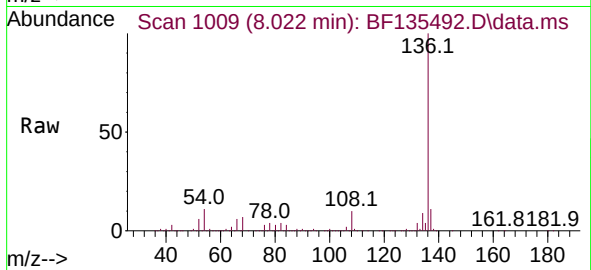
Tgt Ion:	107	Resp:	427811
Ion	Ratio	Lower	Upper
107	100		
108	91.6	74.7	114.7
77	115.7	102.0	142.0
79	28.0	11.7	51.7



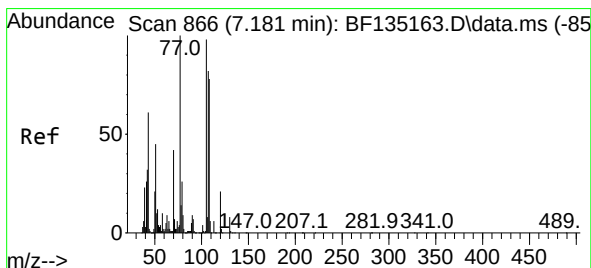
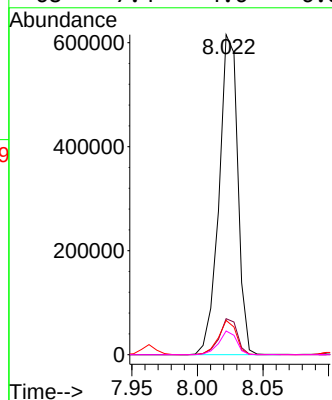
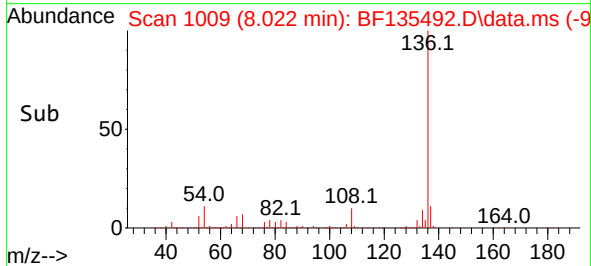


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

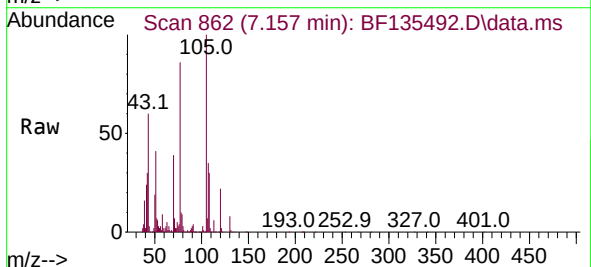
Instrument :
BNA_F
ClientSampleId :
PB155842BSD



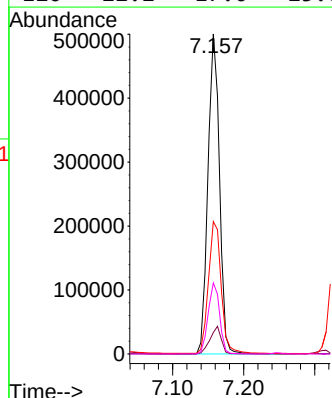
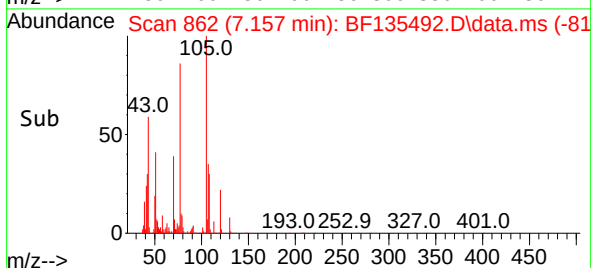
Tgt Ion:136 Resp: 610635
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.7 7.7 11.5
68 7.4 4.6 6.8#

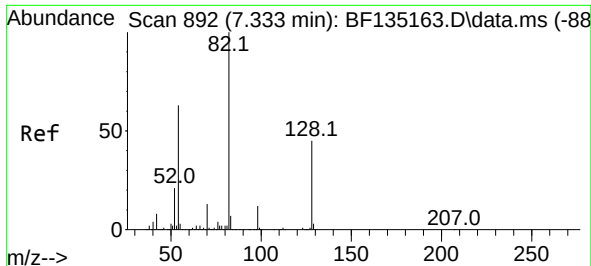


#22
Acetophenone
Concen: 40.494 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27



Tgt Ion:105 Resp: 565326
Ion Ratio Lower Upper
105 100
71 6.7 5.8 8.6
51 41.4 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.641 ng

RT: 7.316 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

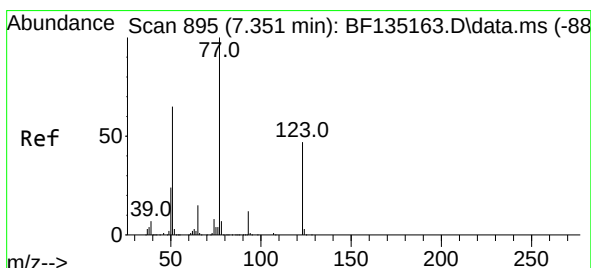
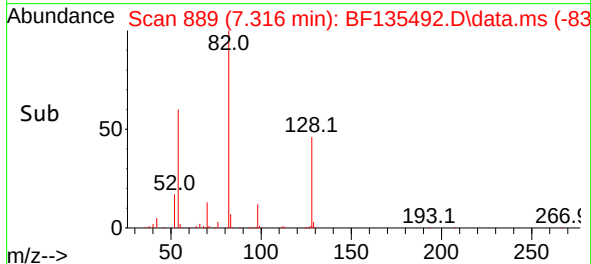
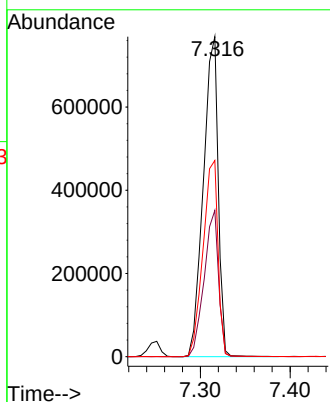
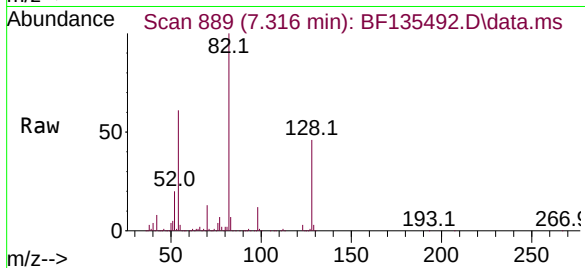
Tgt Ion: 82 Resp: 883882

Ion Ratio Lower Upper

82 100

128 45.7 35.8 53.6

54 61.3 50.6 76.0



#24

Nitrobenzene

Concen: 42.521 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

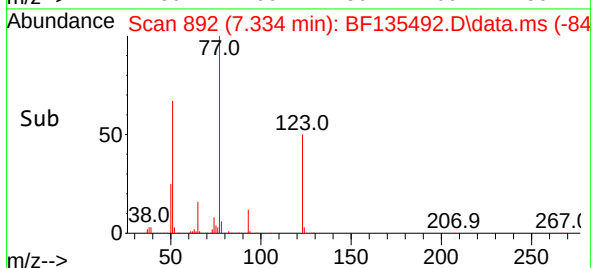
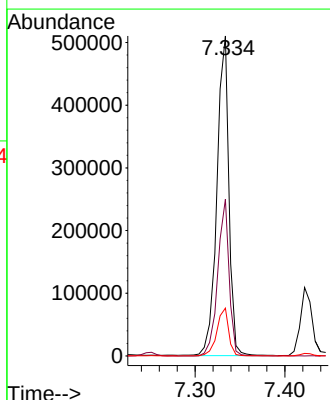
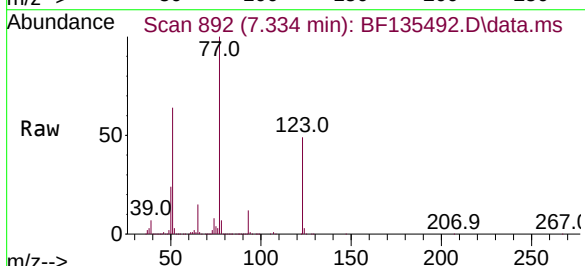
Tgt Ion: 77 Resp: 472374

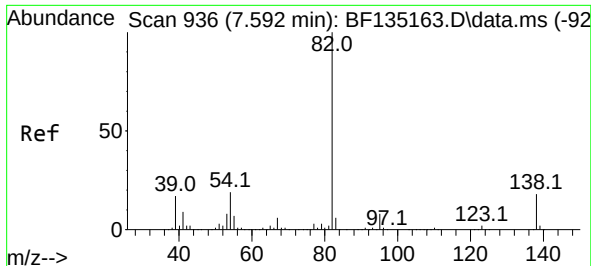
Ion Ratio Lower Upper

77 100

123 49.0 37.6 56.4

65 15.0 12.2 18.4

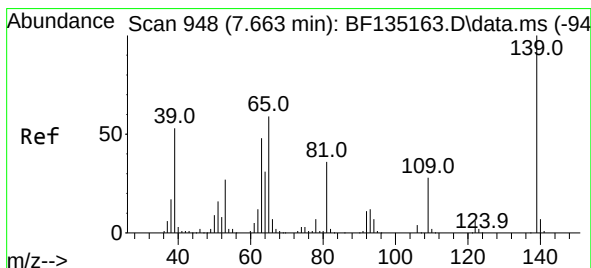
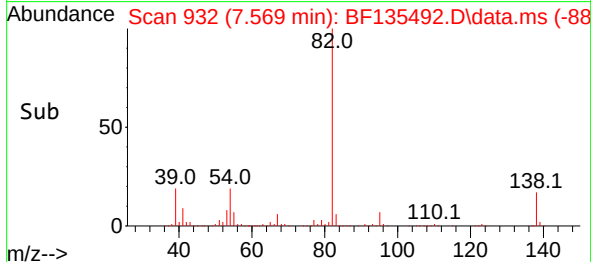
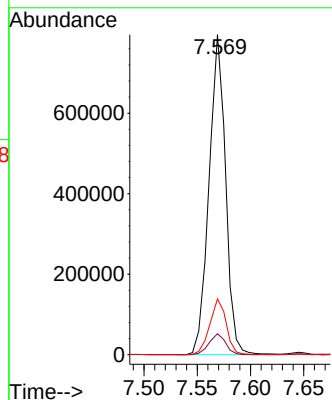
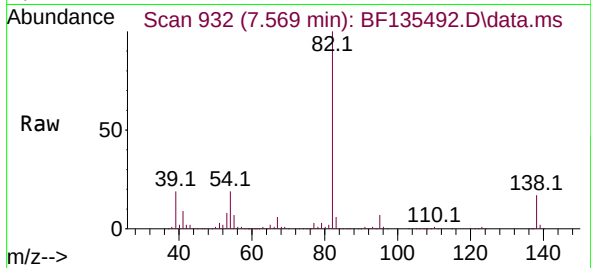




#25
Isophorone
Concen: 41.647 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

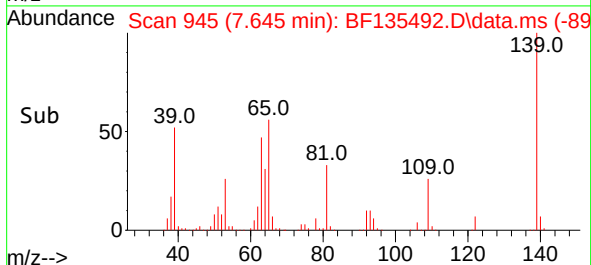
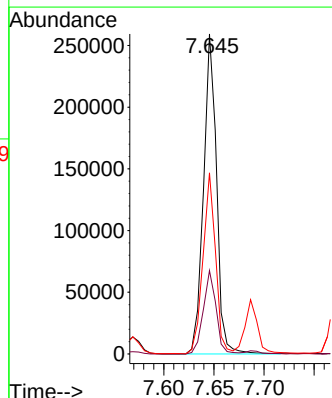
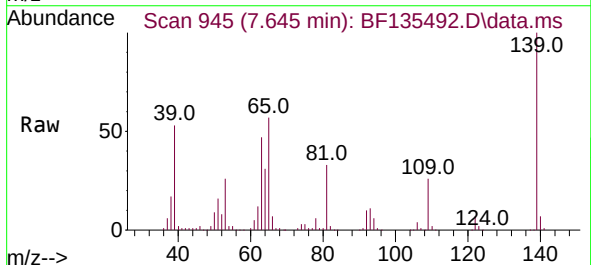
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

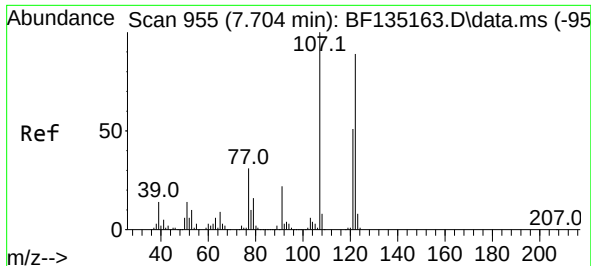
Tgt Ion: 82 Resp: 859533
Ion Ratio Lower Upper
82 100
95 6.5 6.0 9.0
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 44.228 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 139 Resp: 235811
Ion Ratio Lower Upper
139 100
109 26.0 22.6 33.8
65 56.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.945 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135492.D

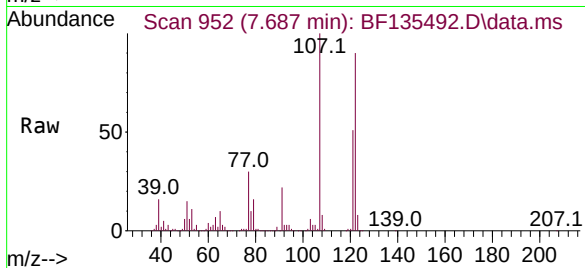
Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD



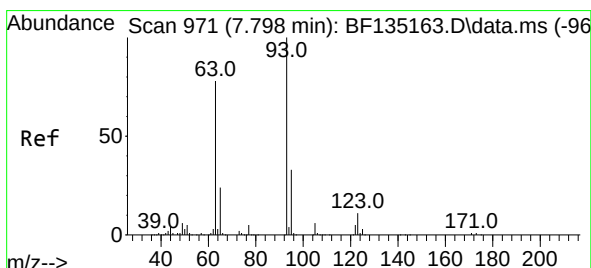
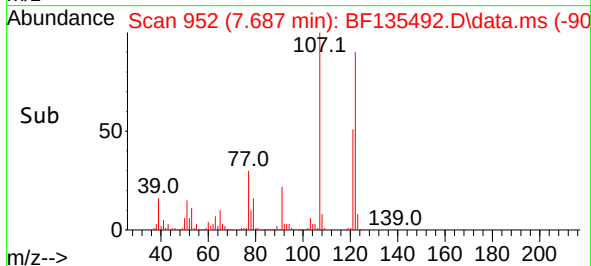
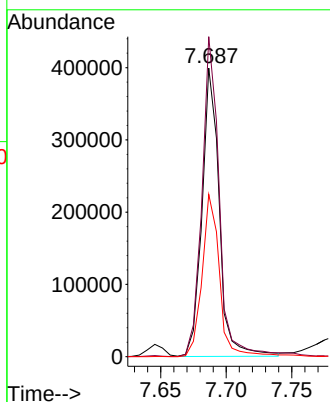
Tgt Ion:122 Resp: 366955

Ion Ratio Lower Upper

122 100

107 110.8 90.2 135.4

121 56.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.934 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

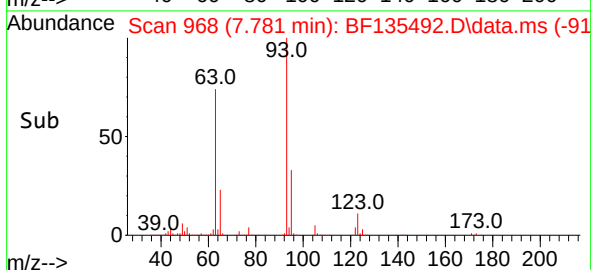
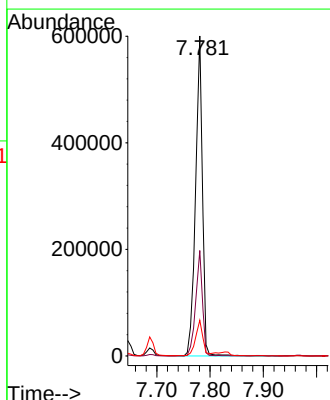
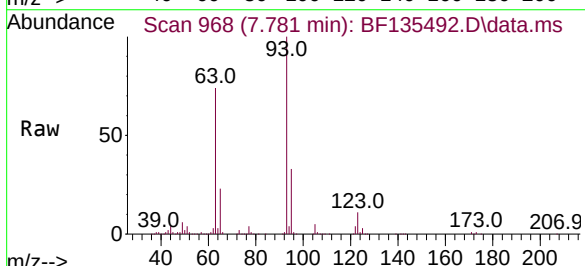
Tgt Ion: 93 Resp: 542717

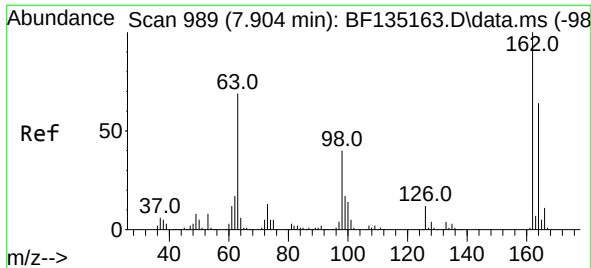
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

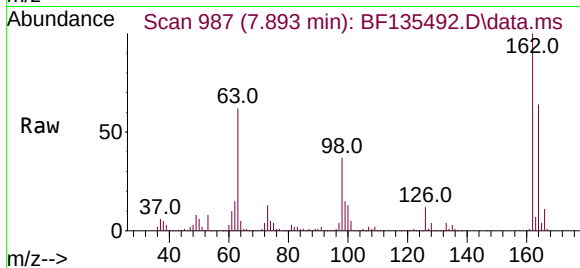
123 11.2 8.8 13.2



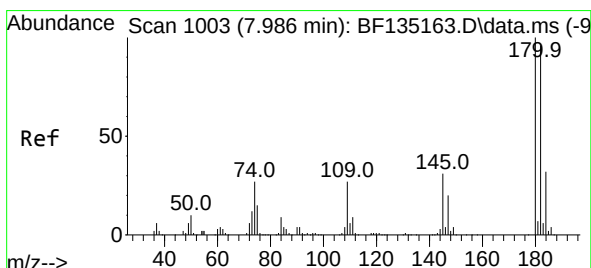
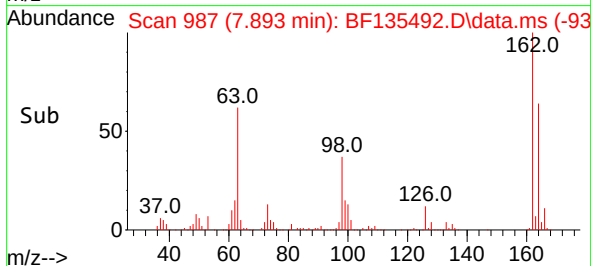
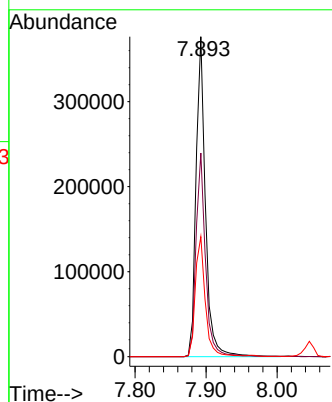


#29
2,4-Dichlorophenol
Concen: 42.015 ng
RT: 7.893 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :
BNA_F
ClientSampleId :
PB155842BSD

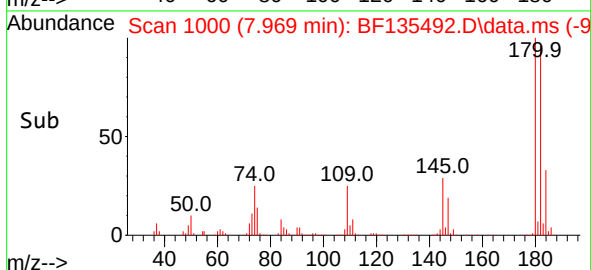
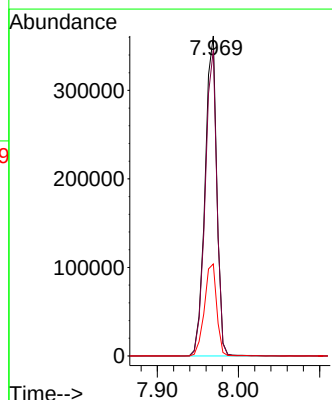
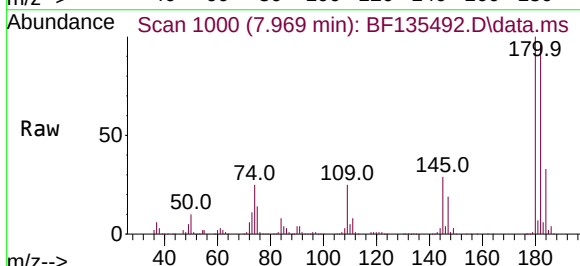


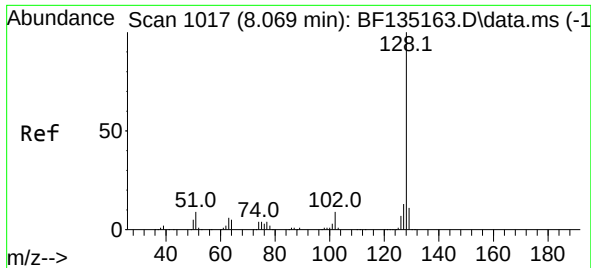
Tgt Ion:162 Resp: 348912
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 37.5 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.864 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:180 Resp: 363378
Ion Ratio Lower Upper
180 100
182 95.6 76.9 115.3
145 28.8 24.5 36.7

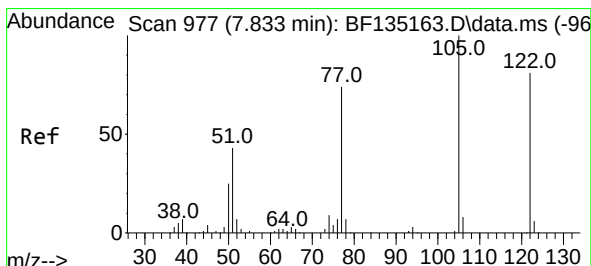
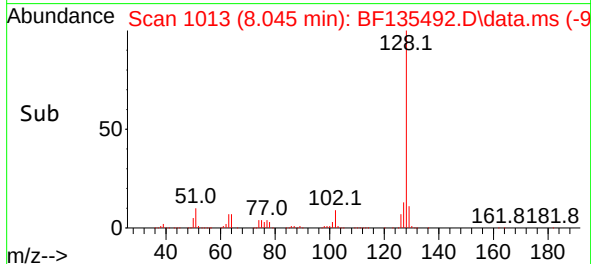
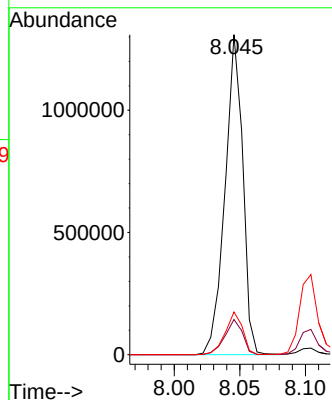
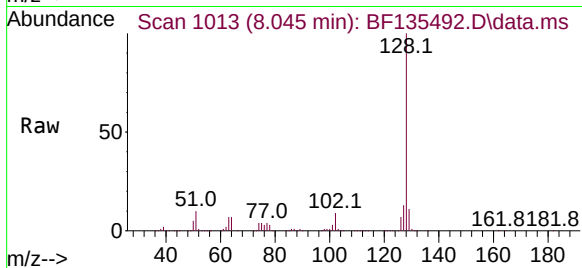




#31
Naphthalene
Concen: 41.476 ng
RT: 8.045 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

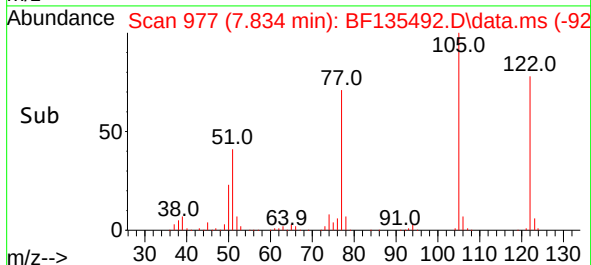
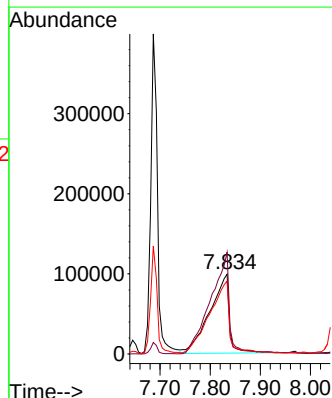
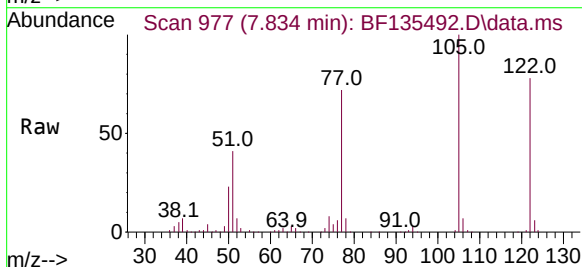
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

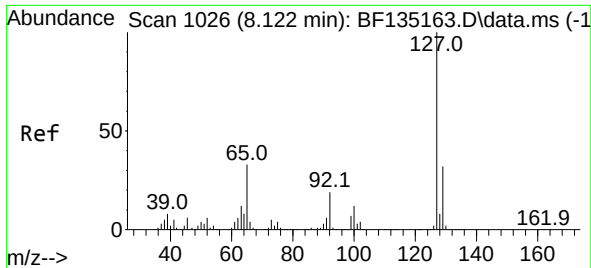
Tgt Ion:128 Resp: 1230559
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 39.962 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:122 Resp: 269685
Ion Ratio Lower Upper
122 100
105 127.6 99.9 139.9
77 91.5 70.0 110.0

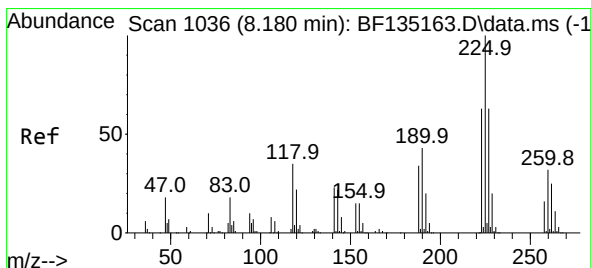
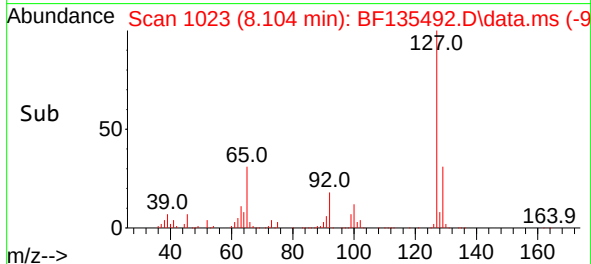
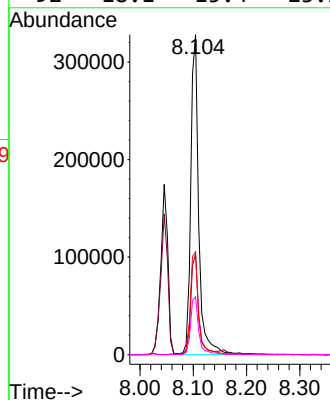
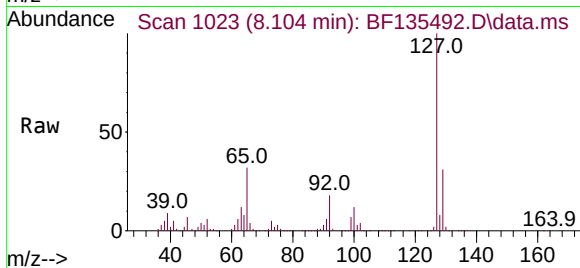




#33
4-Chloroaniline
Concen: 26.203 ng
RT: 8.104 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

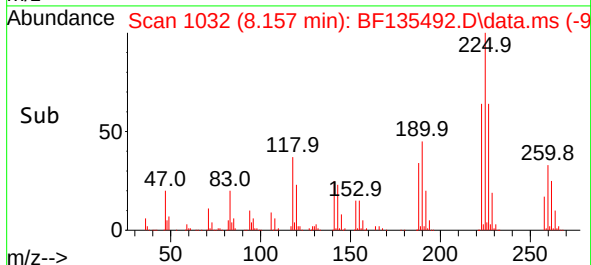
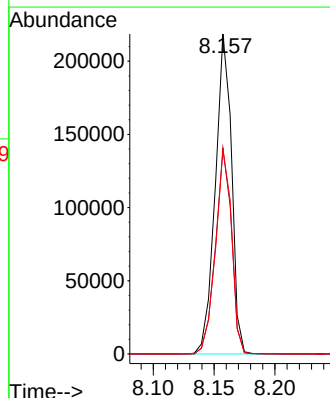
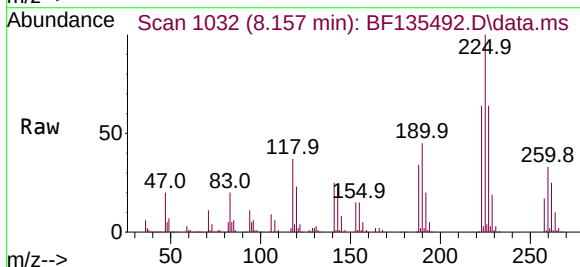
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

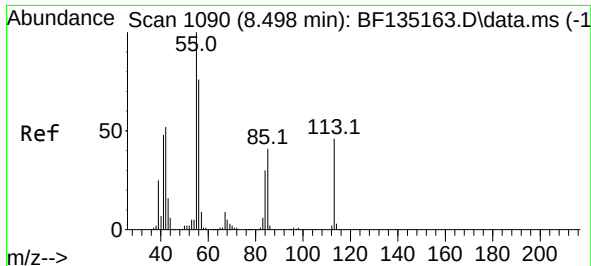
Tgt Ion:	127	Resp:	341088
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.8	38.8
65	32.1	26.6	39.8
92	18.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 38.729 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:	225	Resp:	202704
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.6	75.8
227	63.9	50.8	76.2

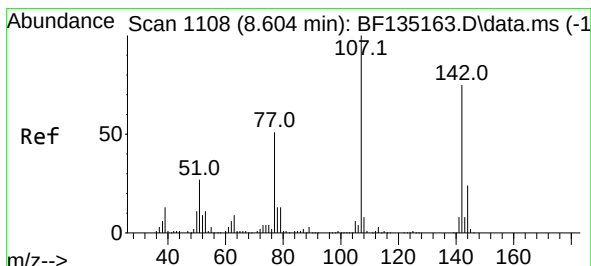
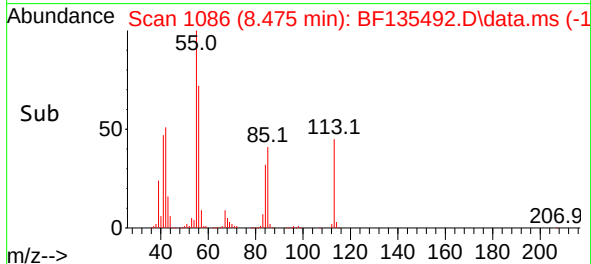
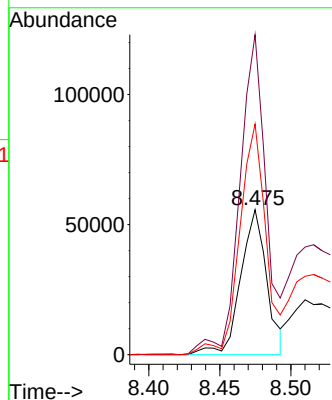
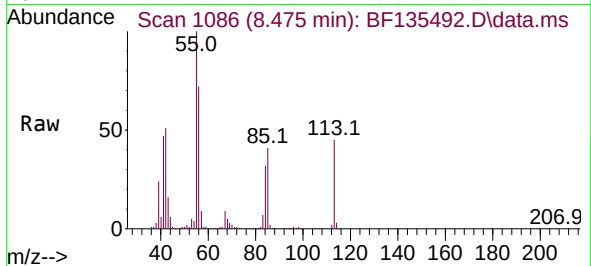




#35
 Caprolactam
 Concen: 25.581 ng
 RT: 8.475 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

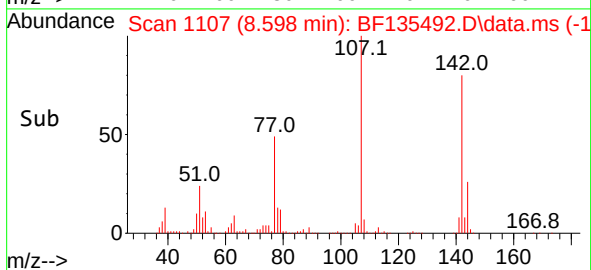
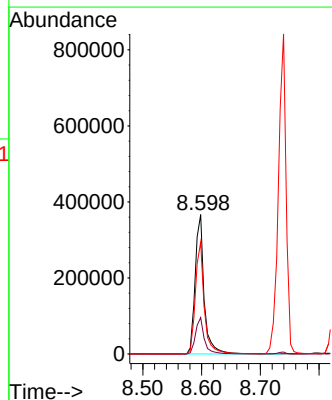
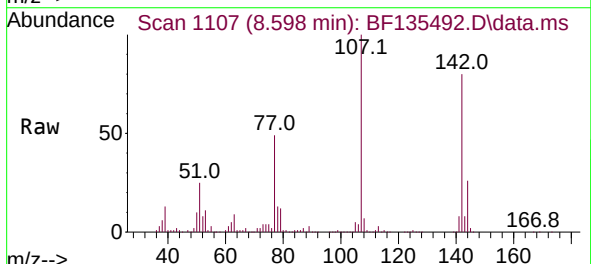
Instrument :
 BNA_F
 ClientSampleId :
 PB155842BSD

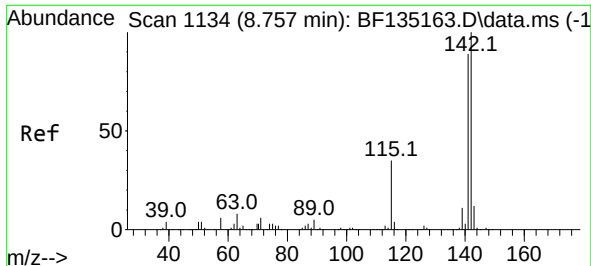
Tgt Ion:113 Resp: 71297
 Ion Ratio Lower Upper
 113 100
 55 220.7 199.3 239.3
 56 159.2 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.369 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135492.D
 Acq: 28 Sep 2023 14:27

Tgt Ion:107 Resp: 391051
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.0 28.4
 142 80.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.402 ng

RT: 8.740 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

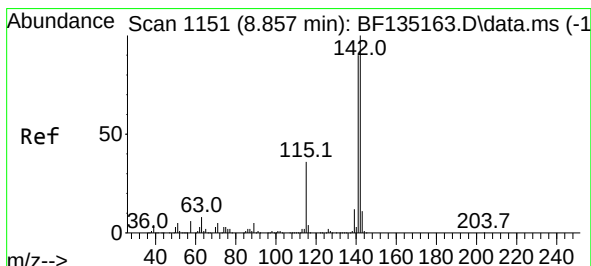
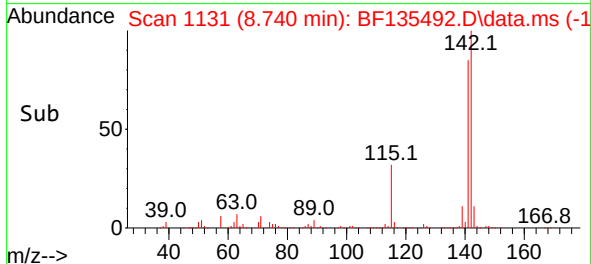
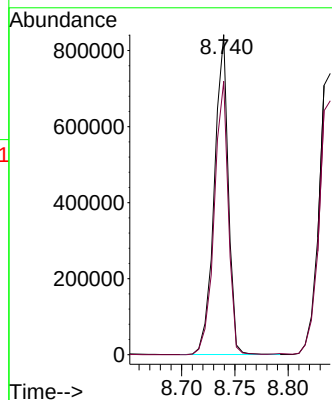
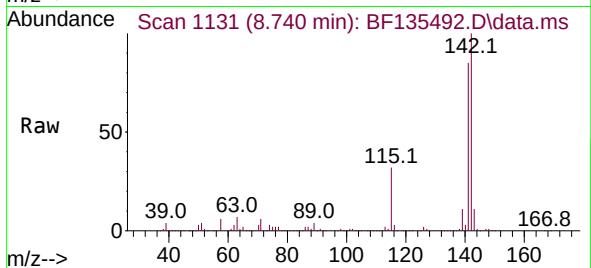
PB155842BSD

Tgt Ion:142 Resp: 765860

Ion Ratio Lower Upper

142 100

141 85.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.116 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF135492.D

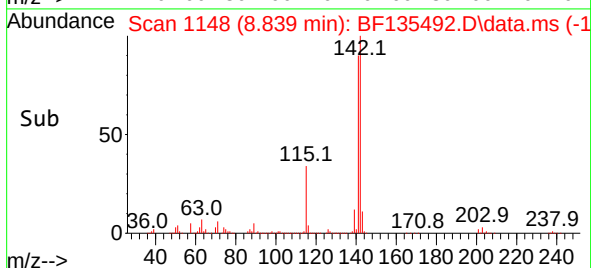
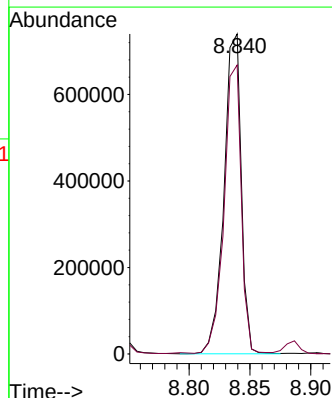
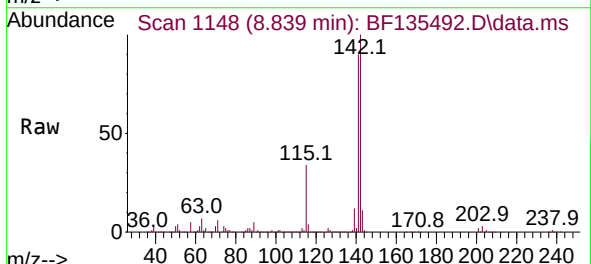
Acq: 28 Sep 2023 14:27

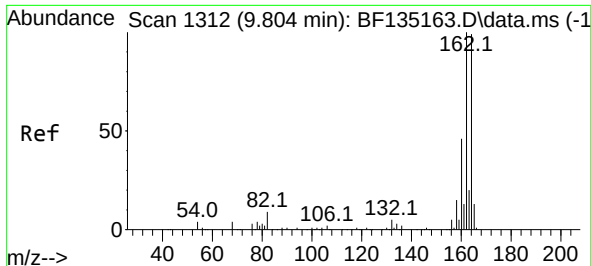
Tgt Ion:142 Resp: 730364

Ion Ratio Lower Upper

142 100

141 90.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

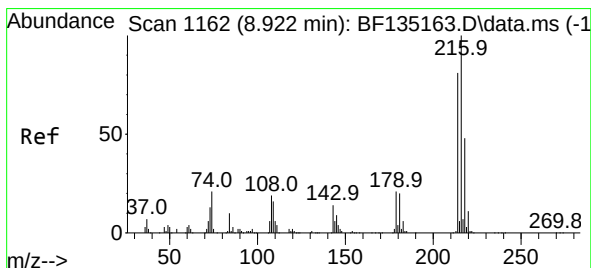
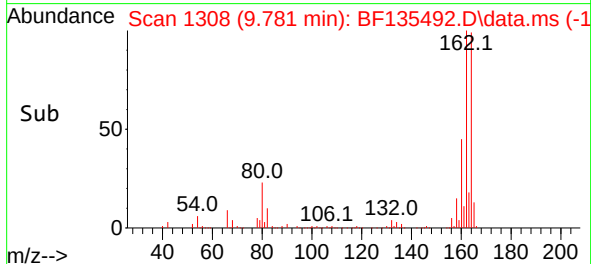
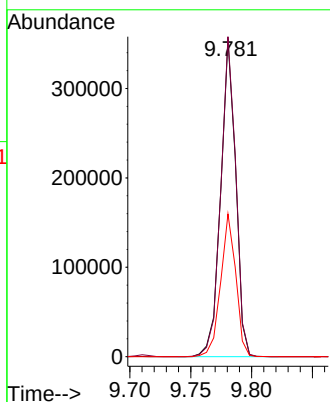
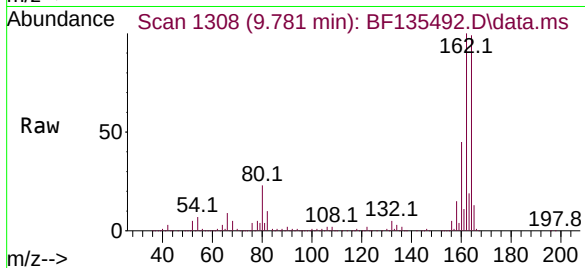
Tgt Ion:164 Resp: 305360

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

160 45.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.161 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:216 Resp: 355289

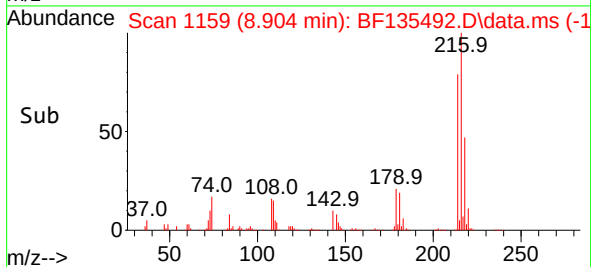
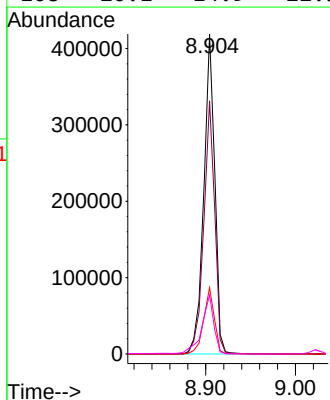
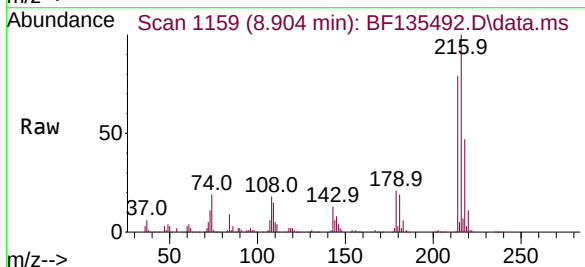
Ion Ratio Lower Upper

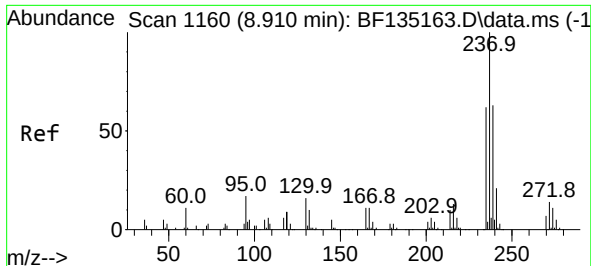
216 100

214 79.3 63.7 95.5

179 20.3 16.7 25.1

108 20.1 14.9 22.3

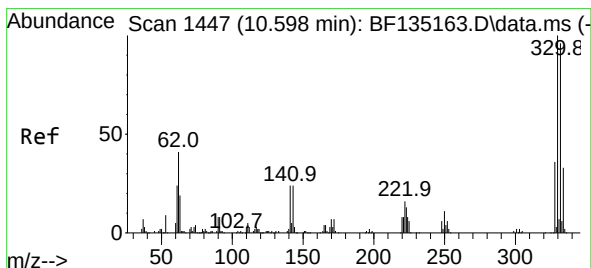
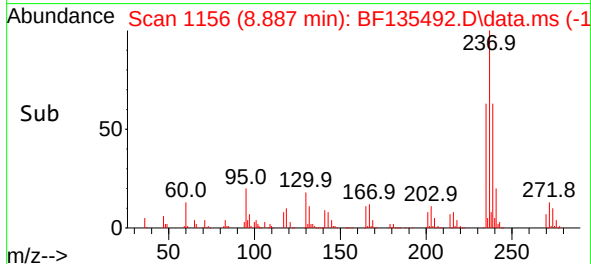
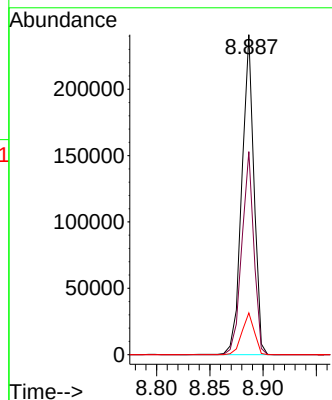
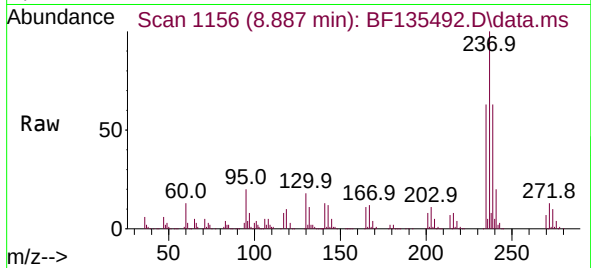




#41
Hexachlorocyclopentadiene
Concen: 51.991 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

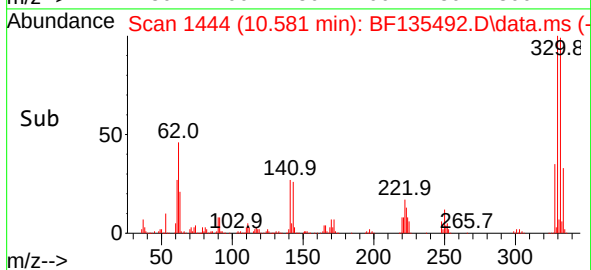
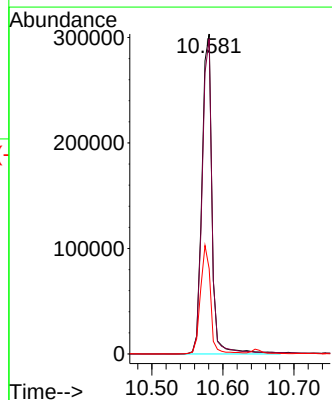
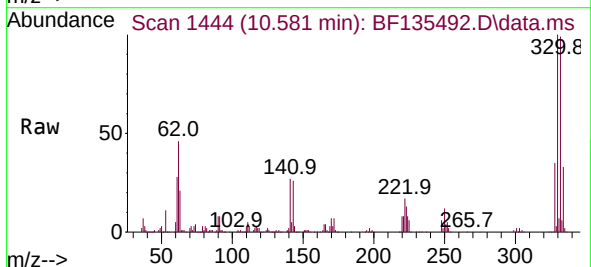
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

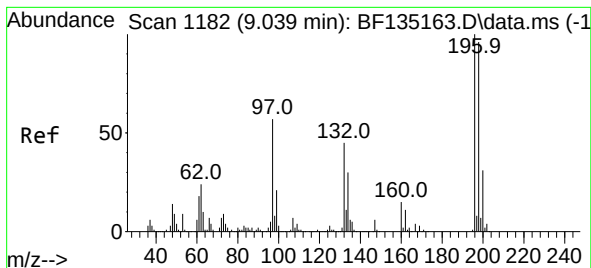
Tgt Ion:237 Resp: 191560
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 98.519 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:330 Resp: 298961
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 34.2 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 40.218 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

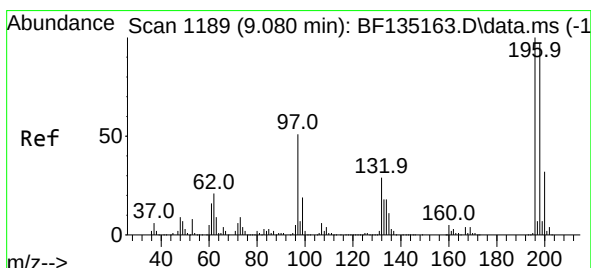
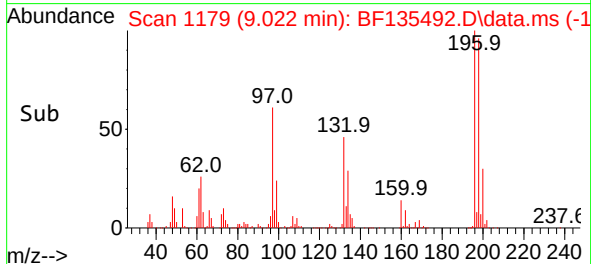
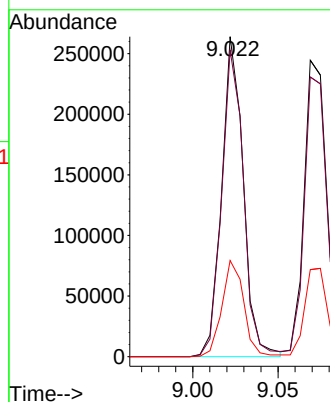
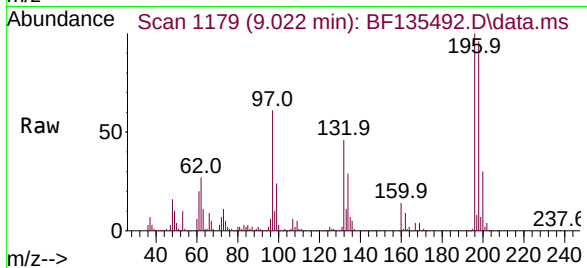
Tgt Ion:196 Resp: 232950

Ion Ratio Lower Upper

196 100

198 95.7 77.0 115.6

200 30.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.281 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Tgt Ion:196 Resp: 255348

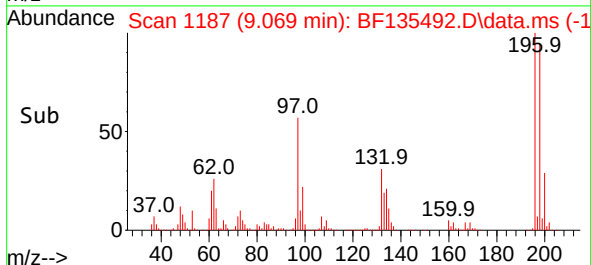
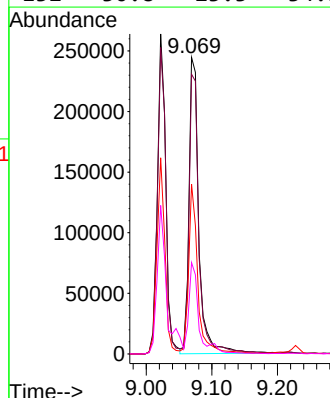
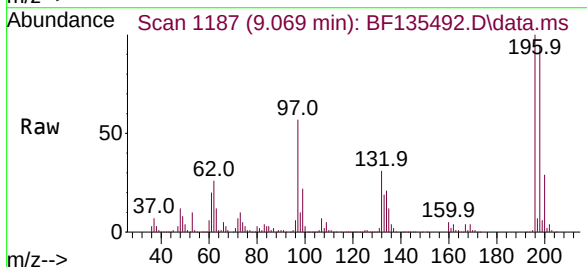
Ion Ratio Lower Upper

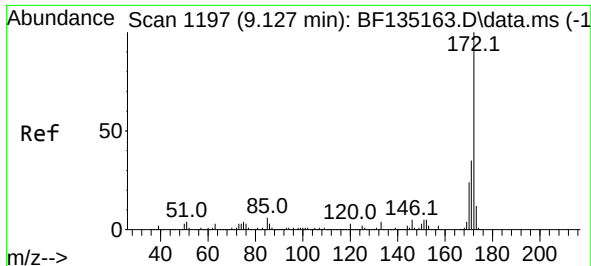
196 100

198 94.4 77.5 116.3

97 57.3 40.5 60.7

132 30.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 70.273 ng

RT: 9.104 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

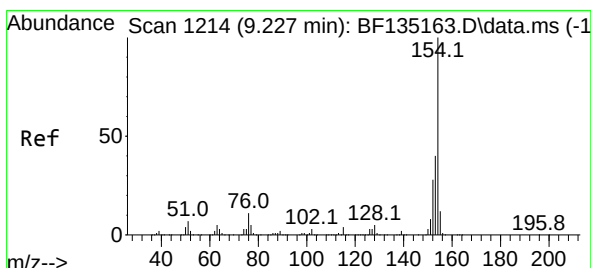
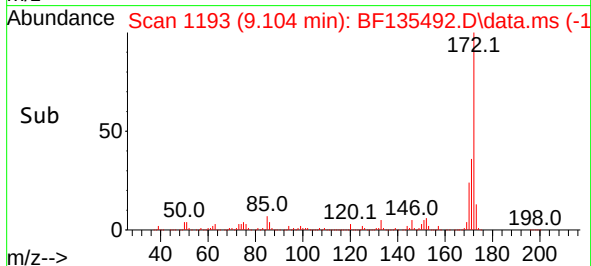
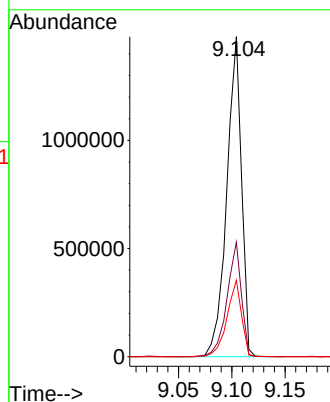
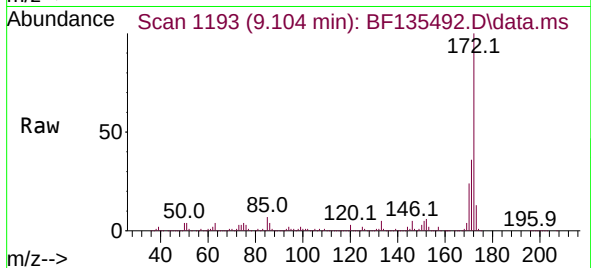
Tgt Ion:172 Resp: 1422305

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.655 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

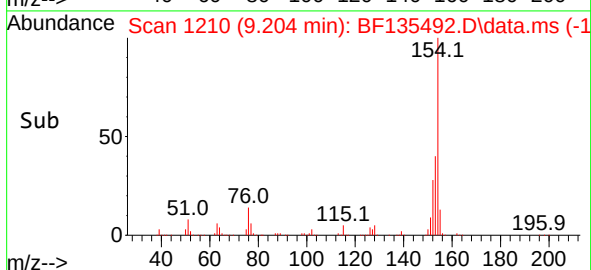
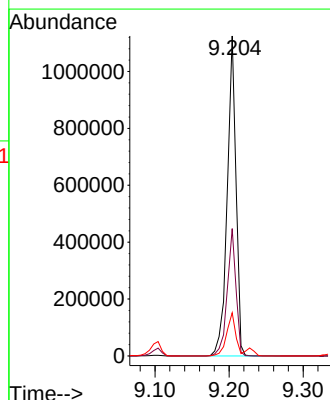
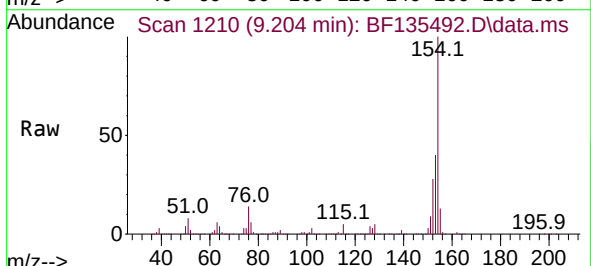
Tgt Ion:154 Resp: 930565

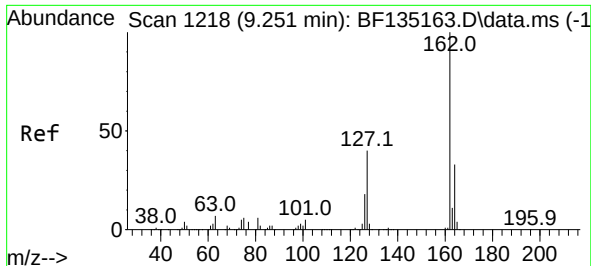
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 13.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 41.841 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

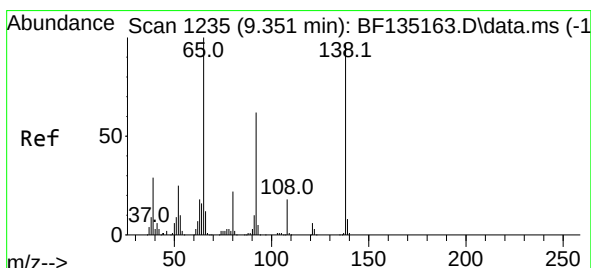
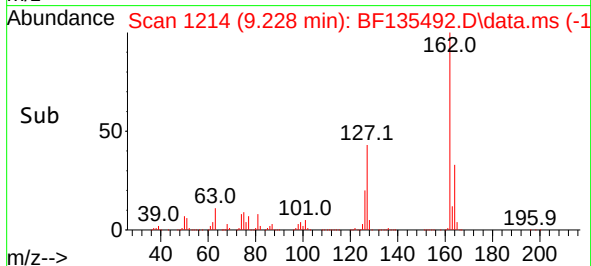
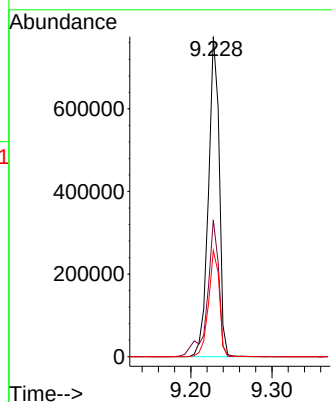
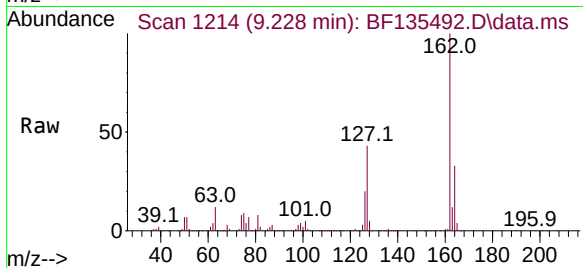
Tgt Ion:162 Resp: 712400

Ion Ratio Lower Upper

162 100

127 42.7 32.6 48.8

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 43.828 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

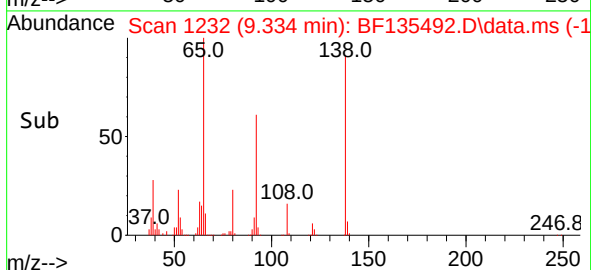
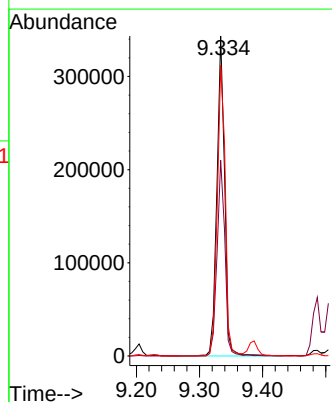
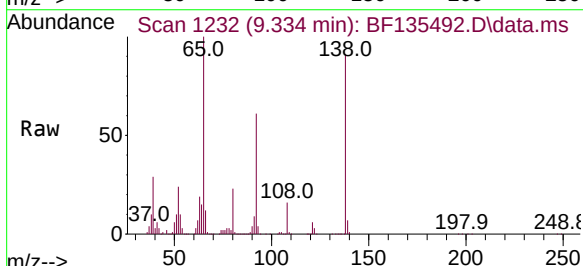
Tgt Ion: 65 Resp: 289906

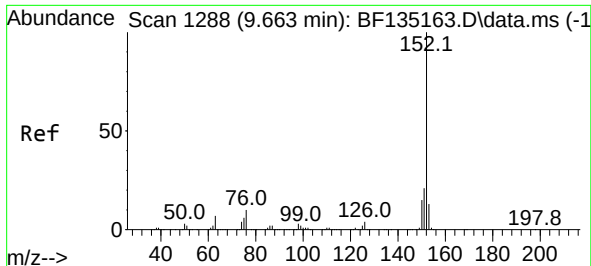
Ion Ratio Lower Upper

65 100

92 61.2 49.4 74.0

138 90.8 77.4 116.0





#49

Acenaphthylene

Concen: 40.773 ng

RT: 9.645 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

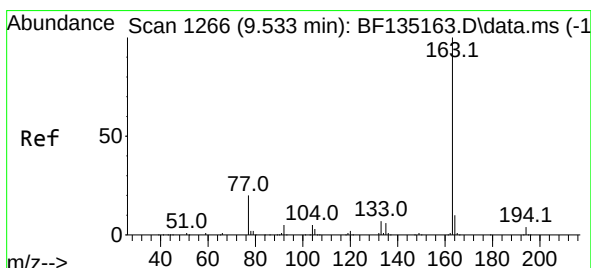
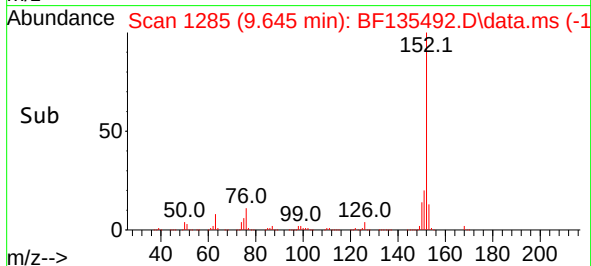
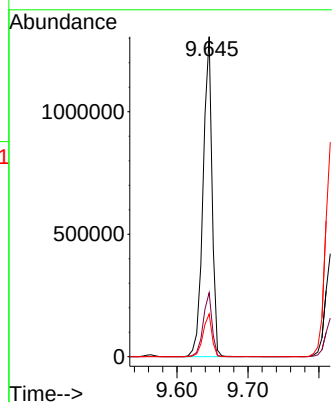
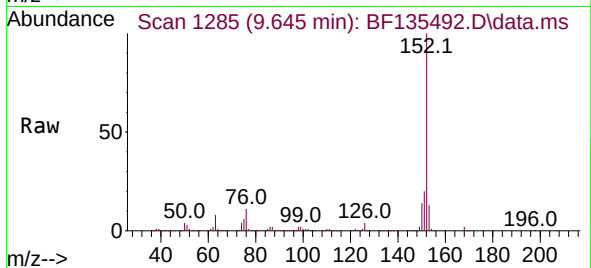
Tgt Ion:152 Resp: 1153717

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 40.508 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

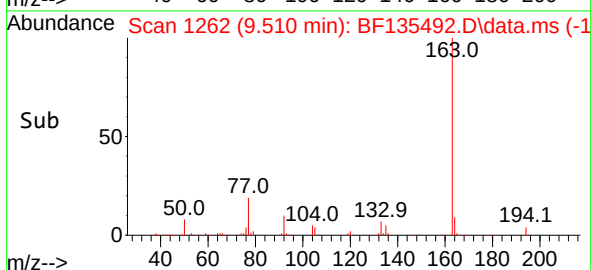
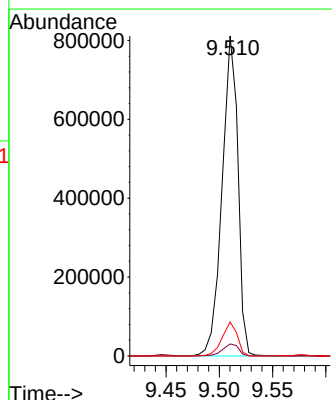
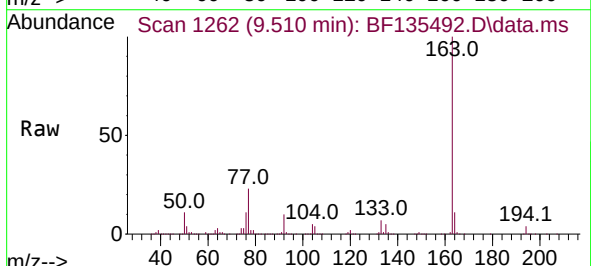
Tgt Ion:163 Resp: 836298

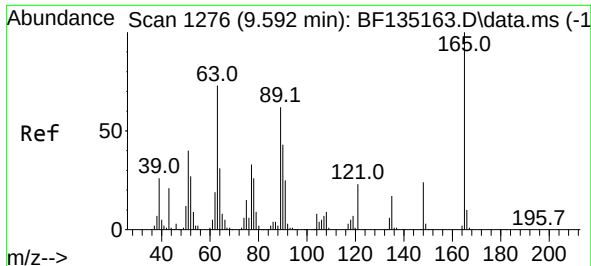
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.6 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.826 ng

RT: 9.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

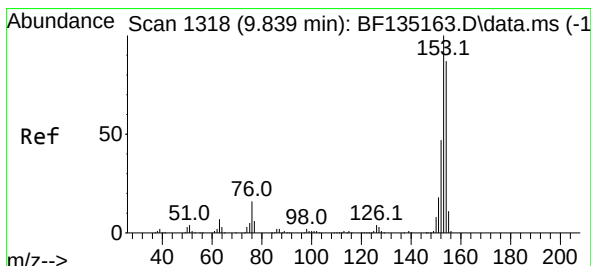
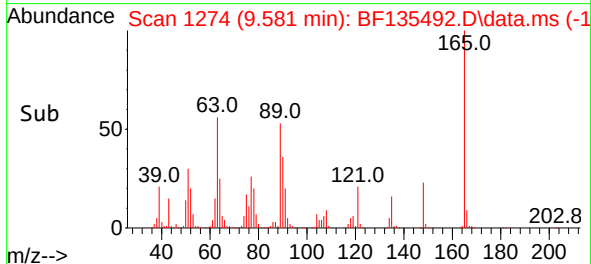
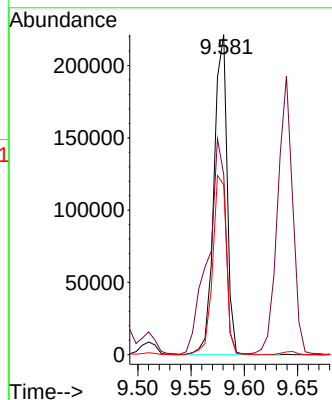
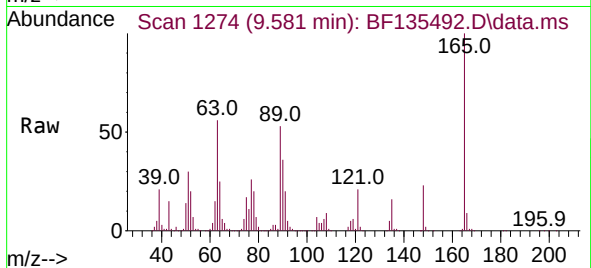
Tgt Ion:165 Resp: 189166

Ion Ratio Lower Upper

165 100

63 56.3 59.4 89.2#

89 53.1 49.8 74.8



#52

Acenaphthene

Concen: 40.703 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

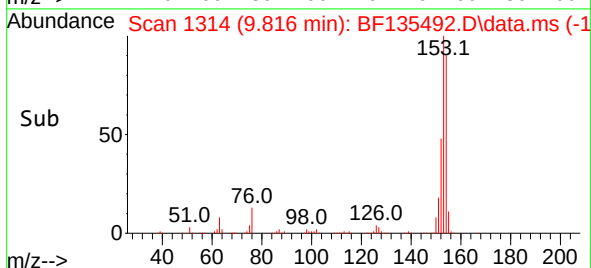
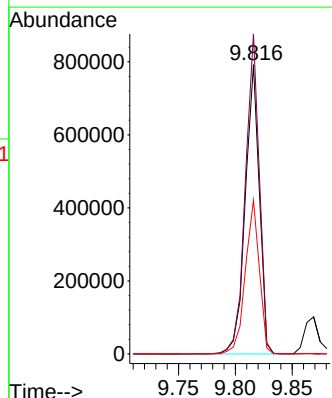
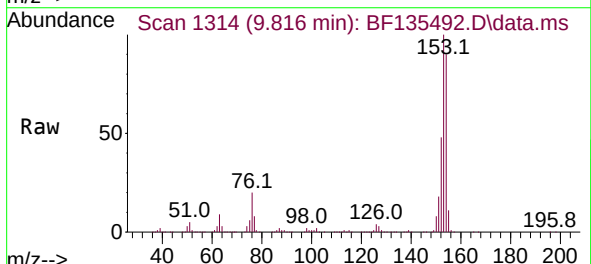
Tgt Ion:154 Resp: 680388

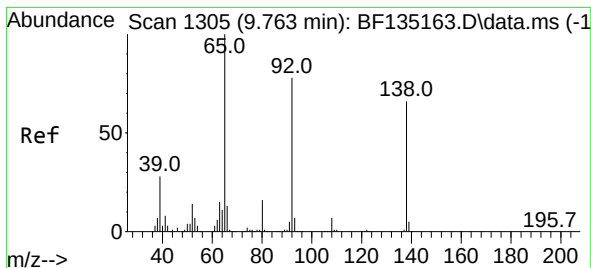
Ion Ratio Lower Upper

154 100

153 110.6 92.1 138.1

152 53.1 43.1 64.7





#53

3-Nitroaniline

Concen: 33.103 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

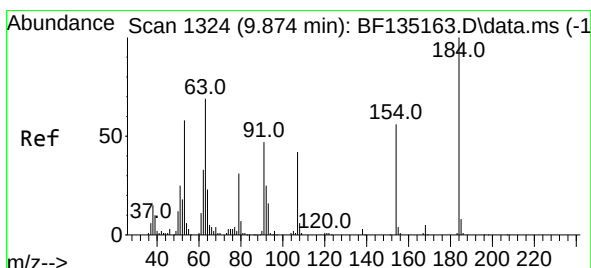
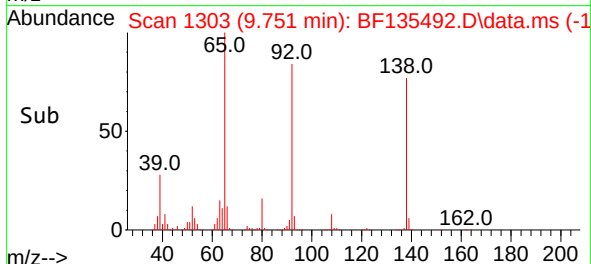
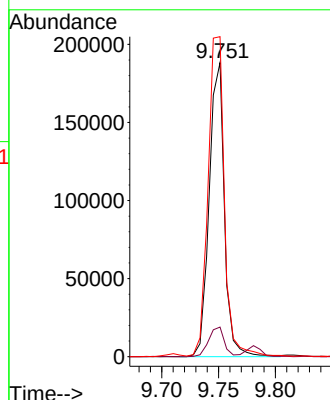
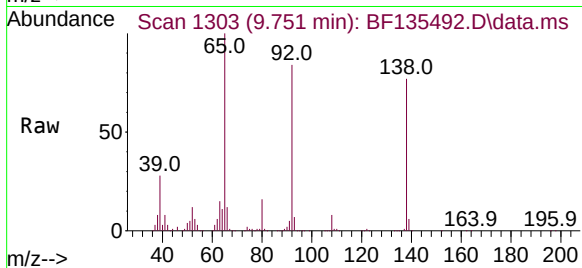
Tgt Ion:138 Resp: 175741

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

92 108.8 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 72.505 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

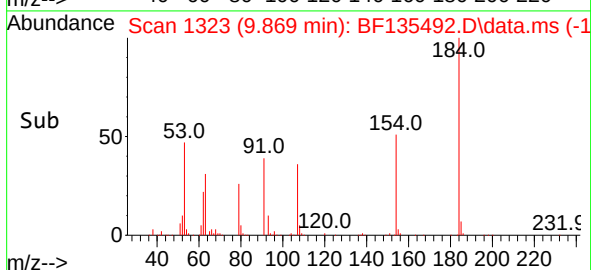
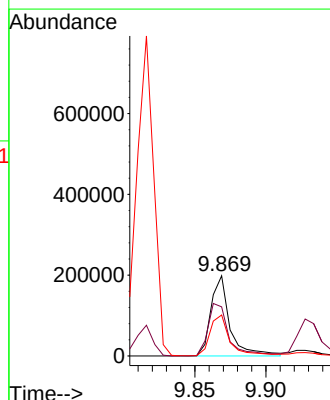
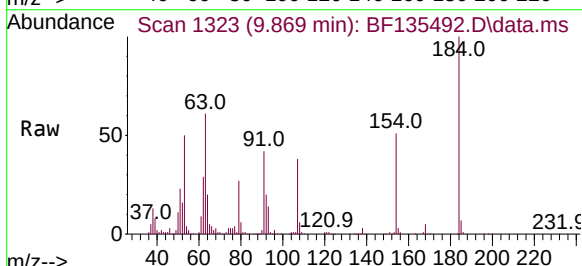
Tgt Ion:184 Resp: 184529

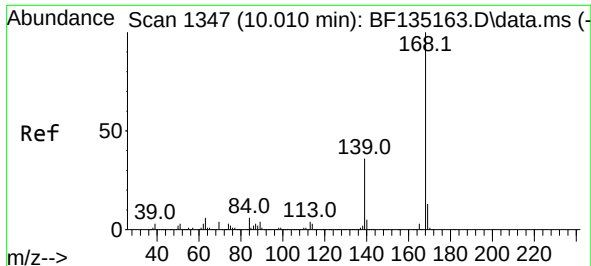
Ion Ratio Lower Upper

184 100

63 61.4 55.1 82.7

154 51.2 48.4 72.6

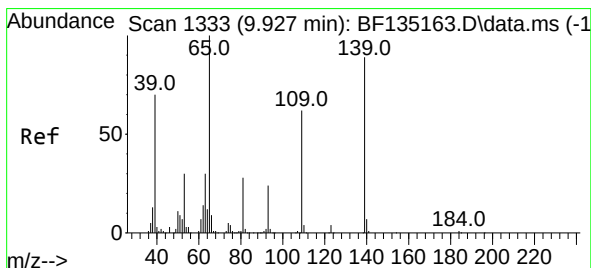
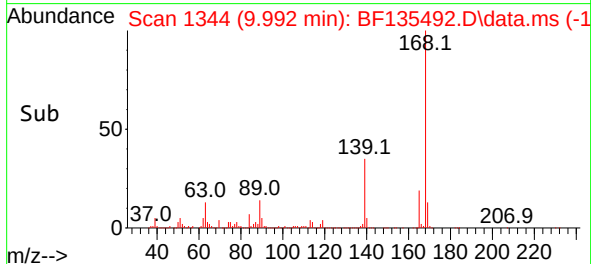
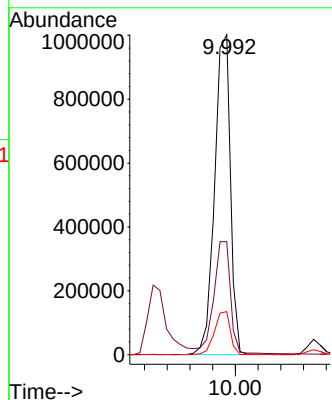
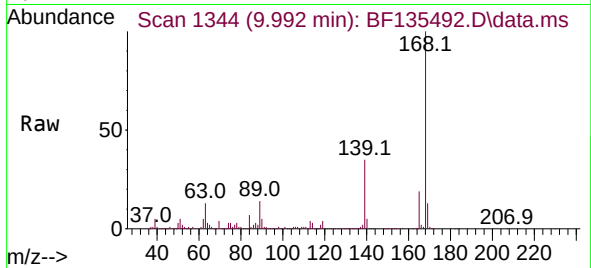




#55
Dibenzenofuran
Concen: 37.978 ng
RT: 9.992 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

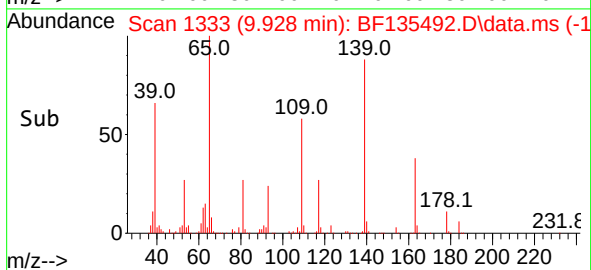
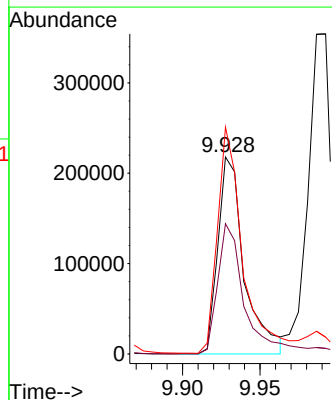
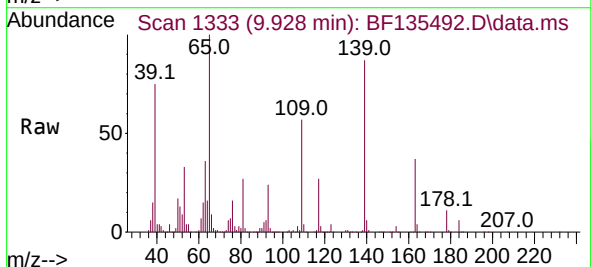
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

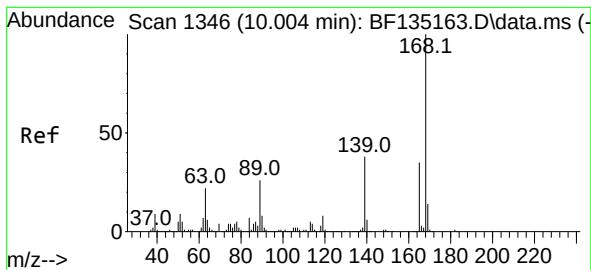
Tgt Ion:168 Resp: 968750
Ion Ratio Lower Upper
168 100
139 35.3 29.0 43.6
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 76.123 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:139 Resp: 256848
Ion Ratio Lower Upper
139 100
109 66.1 49.8 89.8
65 115.2 92.7 132.7

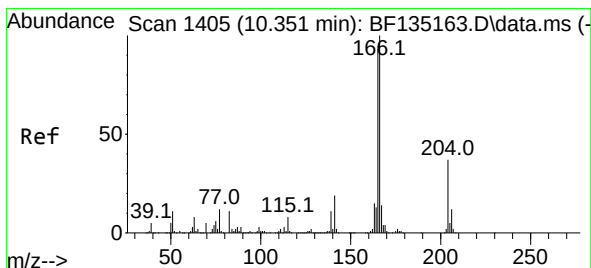
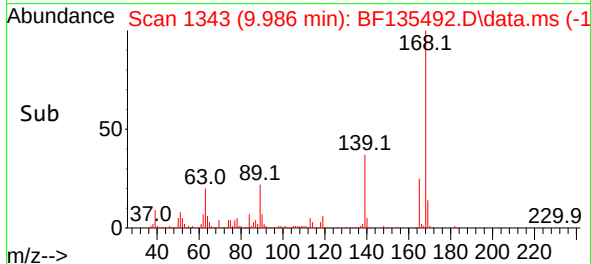
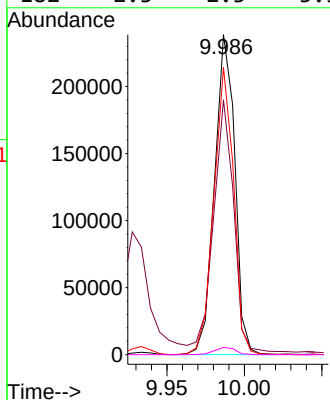
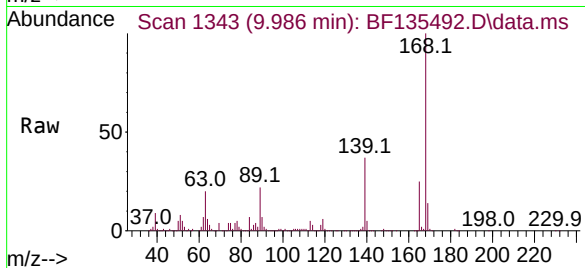




#57
2,4-Dinitrotoluene
Concen: 38.417 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

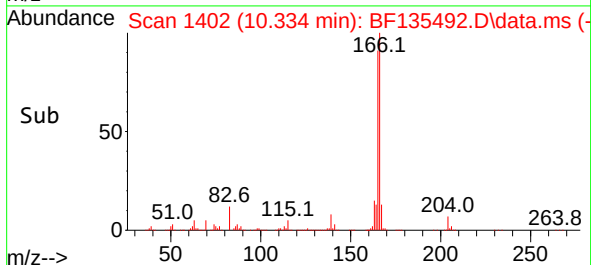
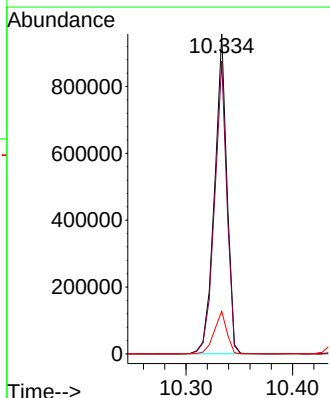
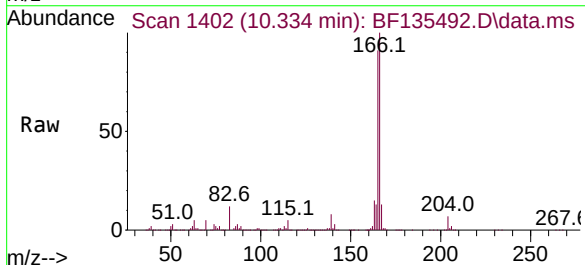
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

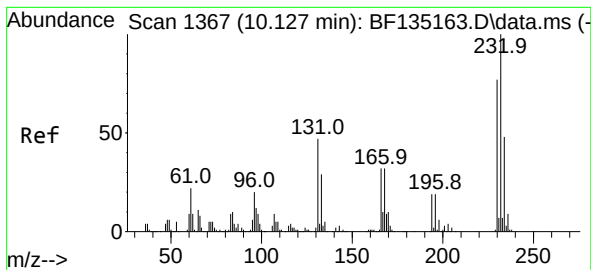
Tgt Ion:165 Resp: 217521
Ion Ratio Lower Upper
165 100
63 79.6 50.1 75.1#
89 89.8 59.3 88.9#
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 39.394 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:166 Resp: 772509
Ion Ratio Lower Upper
166 100
165 91.5 74.3 111.5
167 13.3 10.9 16.3

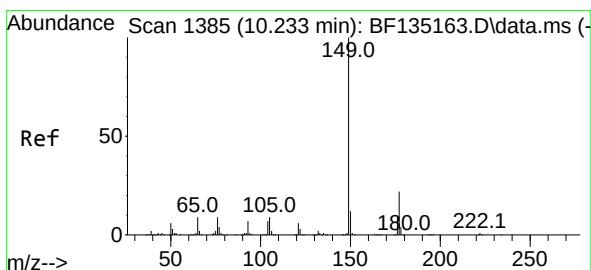
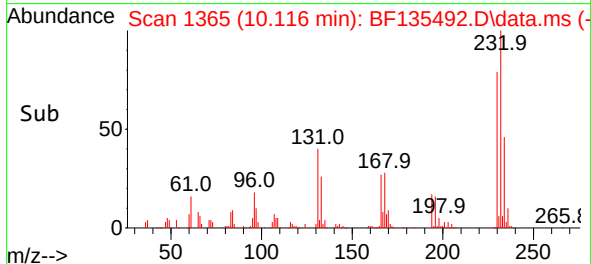
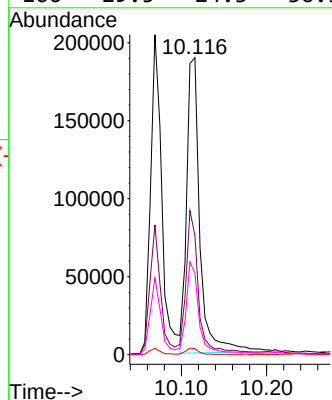
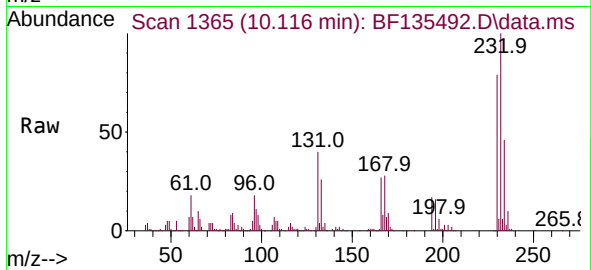




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.974 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

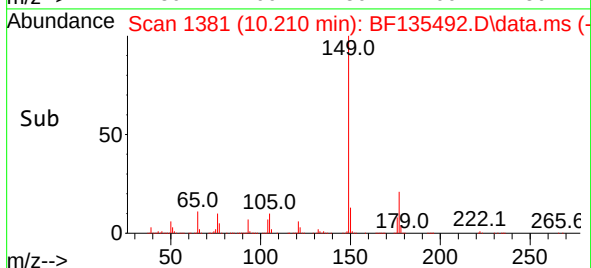
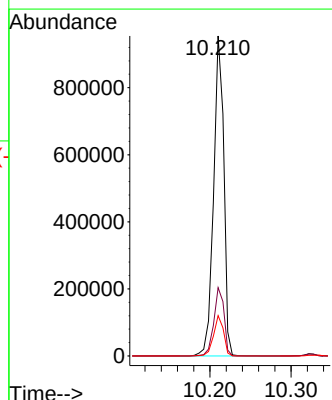
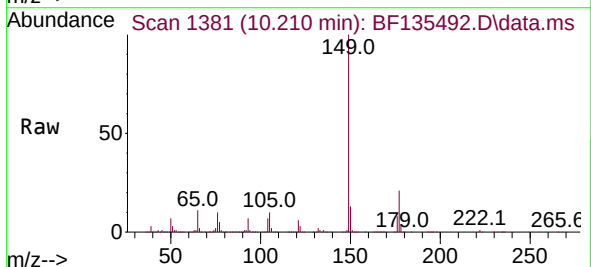
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

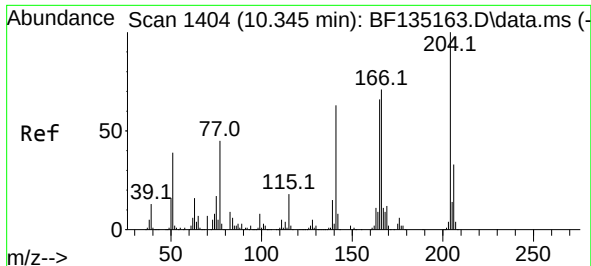
Tgt Ion:232 Resp: 205113
Ion Ratio Lower Upper
232 100
131 46.3 35.4 53.2
130 2.0 1.8 2.8
166 29.5 24.3 36.5



#60
Diethylphthalate
Concen: 39.974 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:149 Resp: 828252
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.6 10.0 15.0

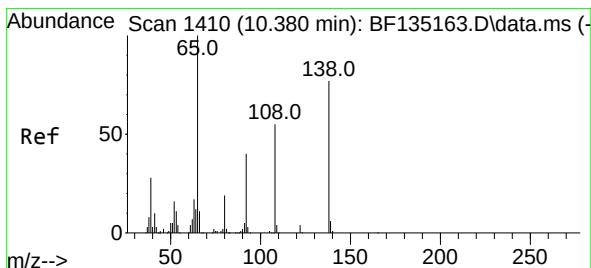
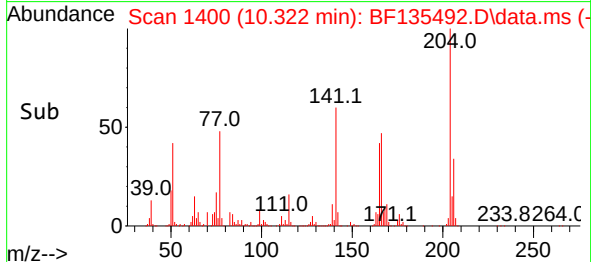
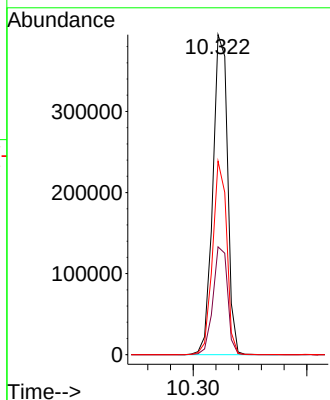
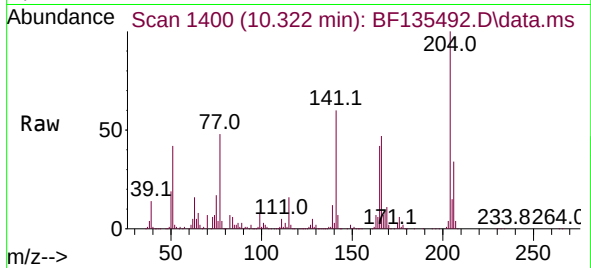




#61
4-Chlorophenyl-phenylether
Concen: 37.830 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

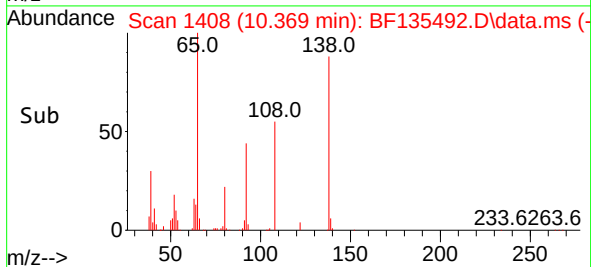
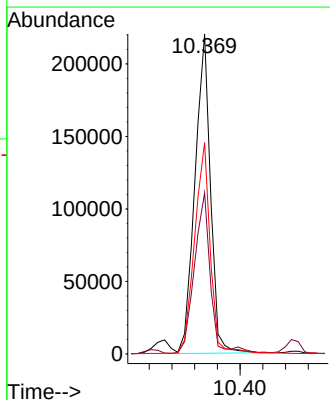
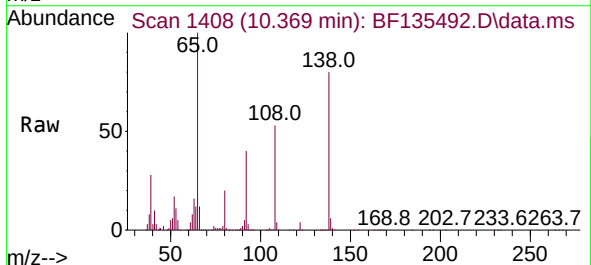
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

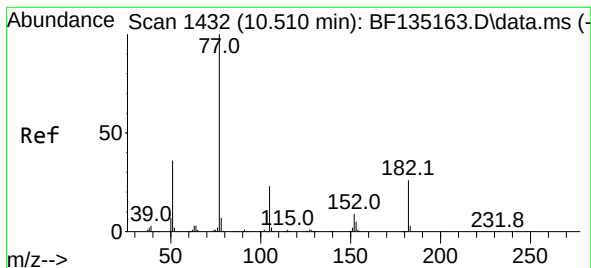
Tgt Ion:204 Resp: 356355
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 60.4 50.6 75.8



#62
4-Nitroaniline
Concen: 41.022 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:138 Resp: 209344
Ion Ratio Lower Upper
138 100
92 50.3 31.8 71.8
108 66.1 52.0 92.0





#63

Azobenzene

Concen: 42.492 ng

RT: 10.486 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

Tgt Ion: 77 Resp: 861665

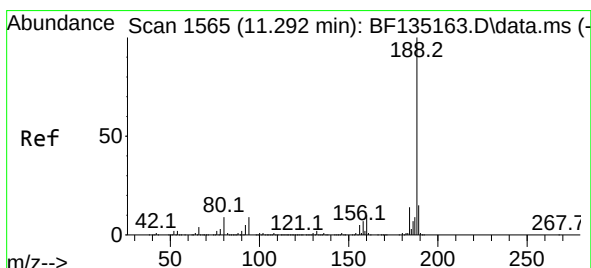
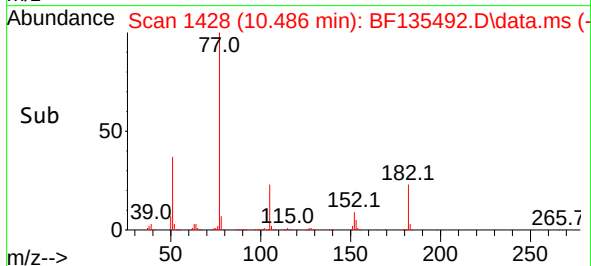
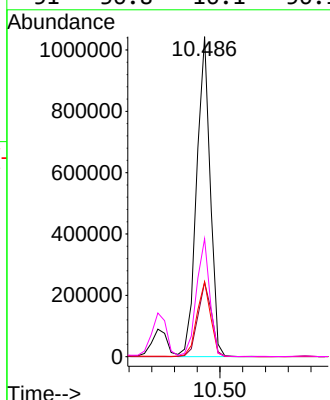
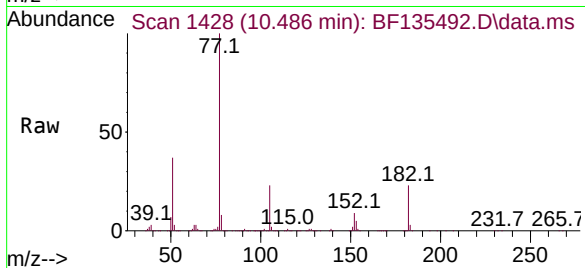
Ion Ratio Lower Upper

77 100

182 23.2 6.4 46.4

105 23.4 3.1 43.1

51 36.8 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

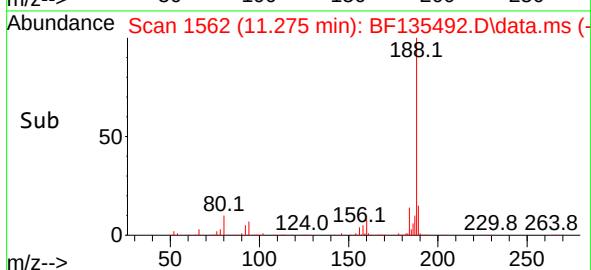
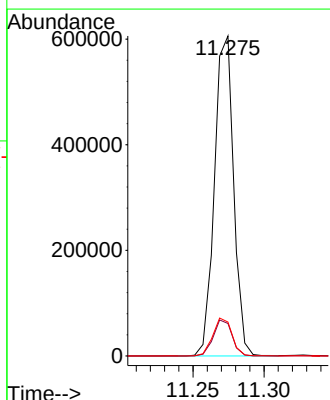
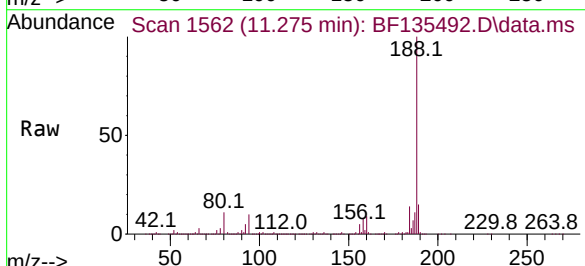
Tgt Ion: 188 Resp: 569430

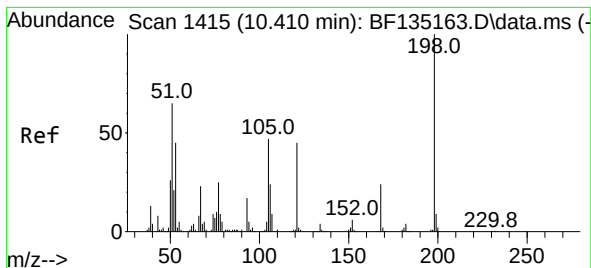
Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 10.6 7.5 11.3

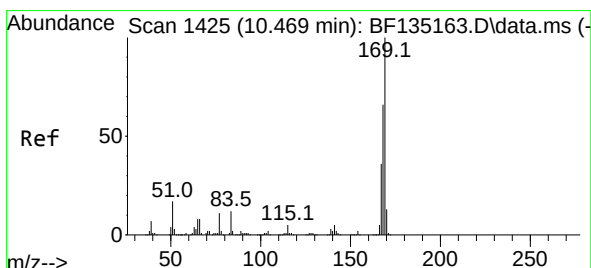
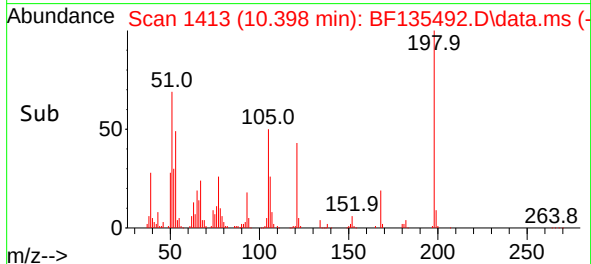
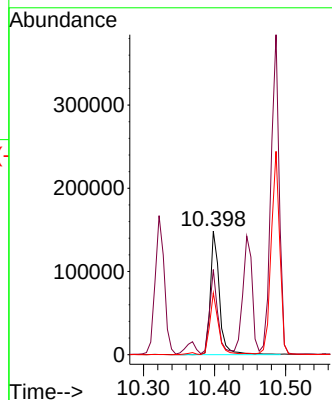
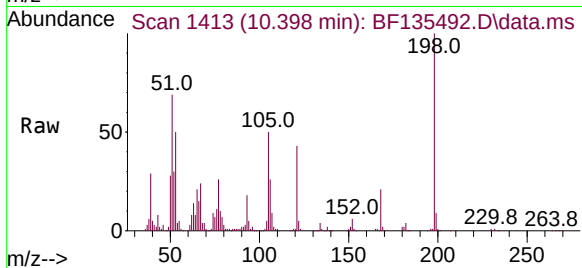




#65
4,6-Dinitro-2-methylphenol
Concen: 43.354 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

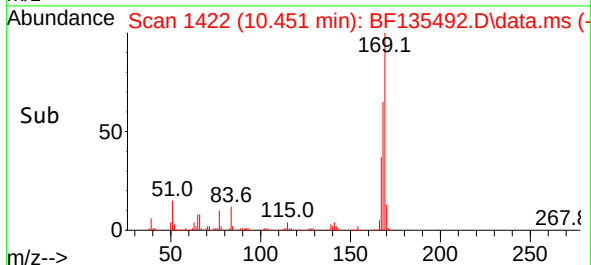
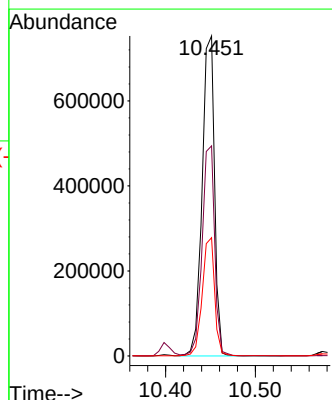
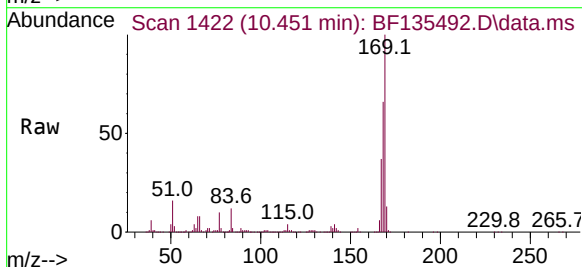
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

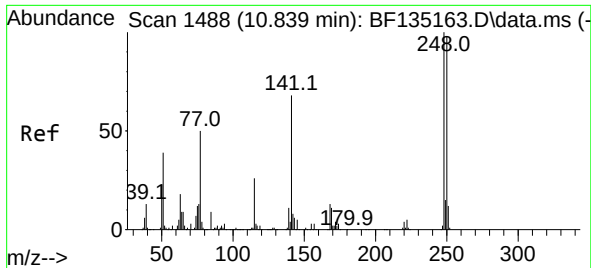
Tgt Ion:198 Resp: 131120
Ion Ratio Lower Upper
198 100
51 68.9 47.7 87.7
105 50.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 41.796 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:169 Resp: 720542
Ion Ratio Lower Upper
169 100
168 65.7 52.8 79.2
167 37.0 29.0 43.6

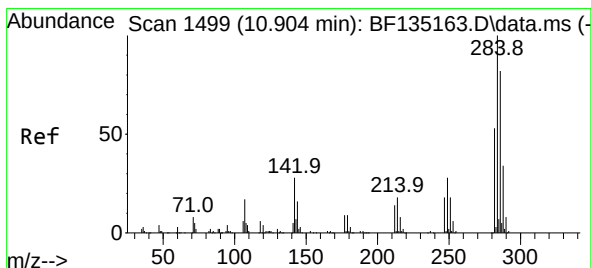
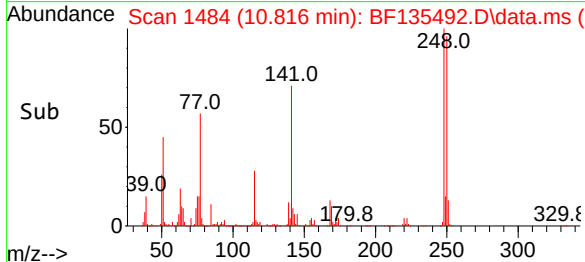
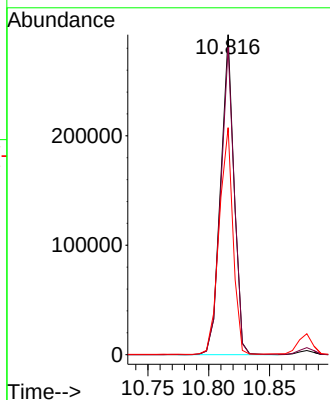
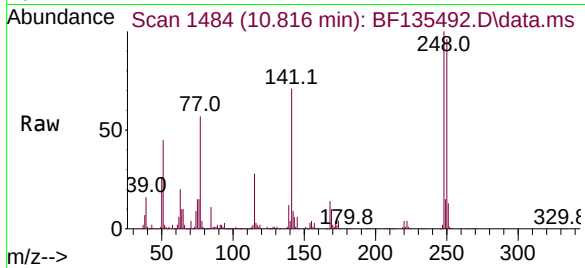




#67
4-Bromophenyl-phenylether
Concen: 39.578 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

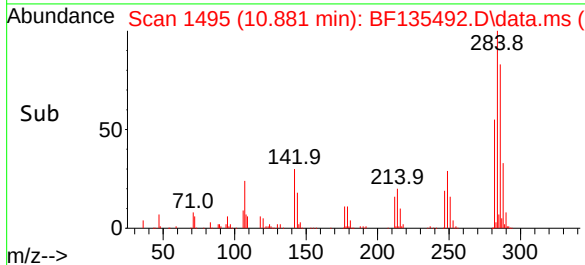
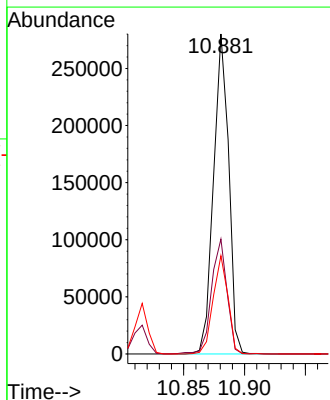
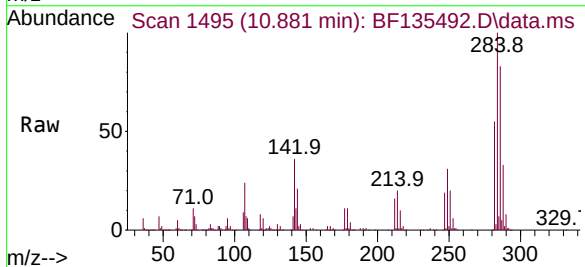
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

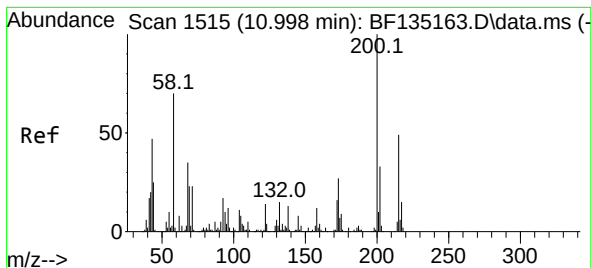
Tgt Ion:248 Resp: 224144
Ion Ratio Lower Upper
248 100
250 96.0 78.6 117.8
141 71.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 41.979 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:284 Resp: 242205
Ion Ratio Lower Upper
284 100
142 35.9 22.2 33.4#
249 30.7 22.5 33.7





#69

Atrazine

Concen: 46.390 ng

RT: 10.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

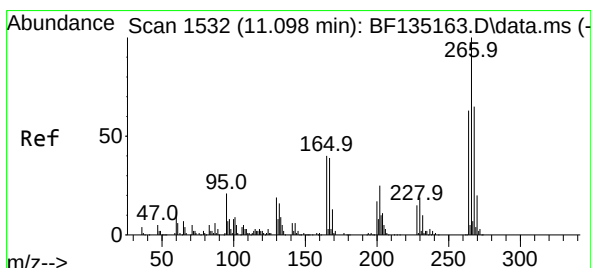
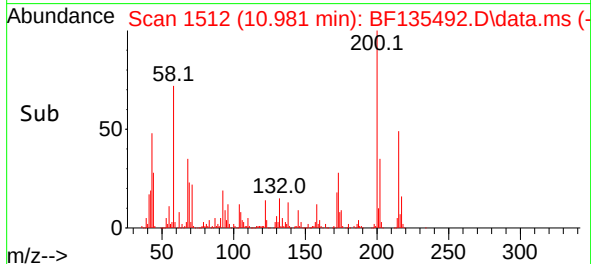
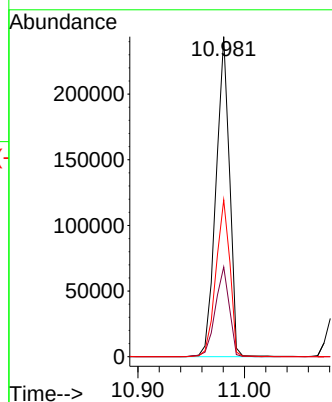
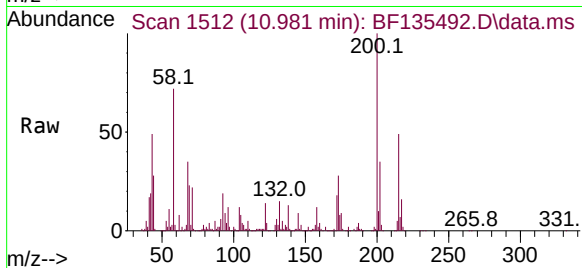
Tgt Ion:200 Resp: 215187

Ion Ratio Lower Upper

200 100

173 28.1 7.4 47.4

215 49.0 28.6 68.6



#70

Pentachlorophenol

Concen: 53.689 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

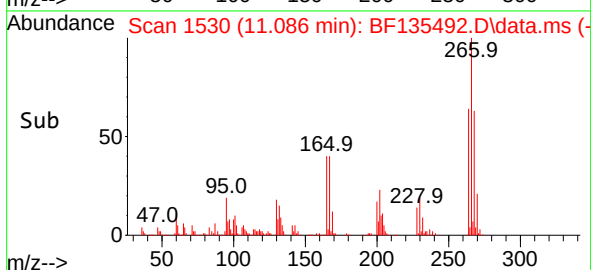
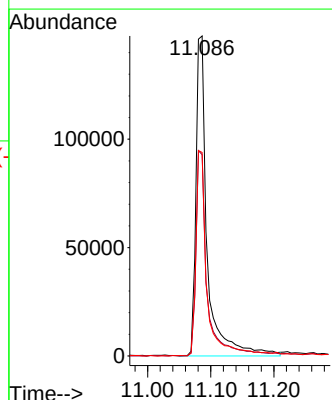
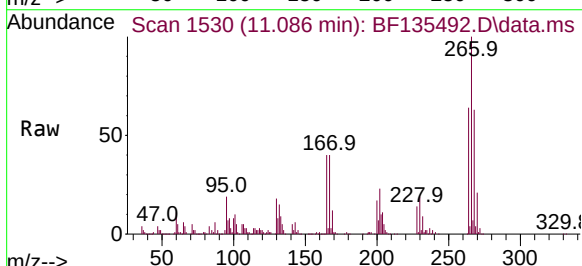
Tgt Ion:266 Resp: 185334

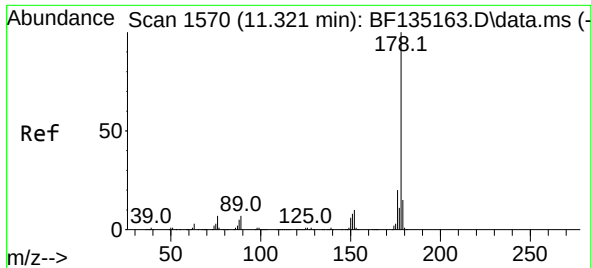
Ion Ratio Lower Upper

266 100

268 62.9 52.1 78.1

264 63.6 50.8 76.2

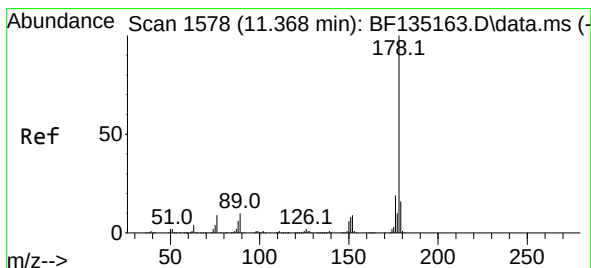
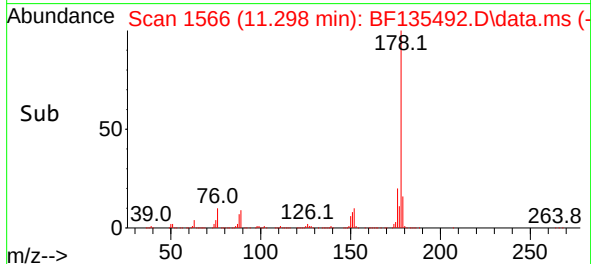
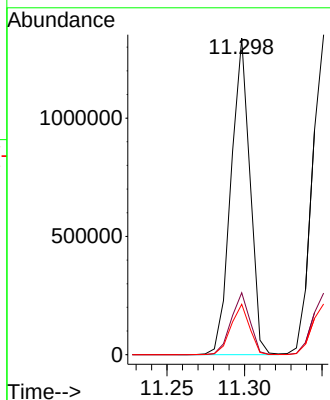
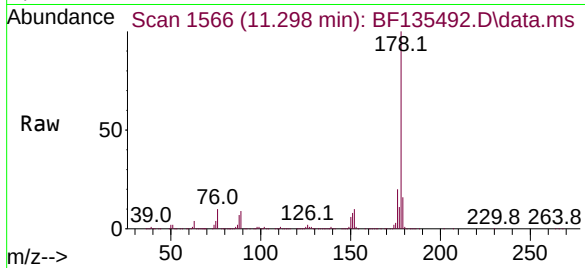




#71
Phenanthrene
Concen: 42.202 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

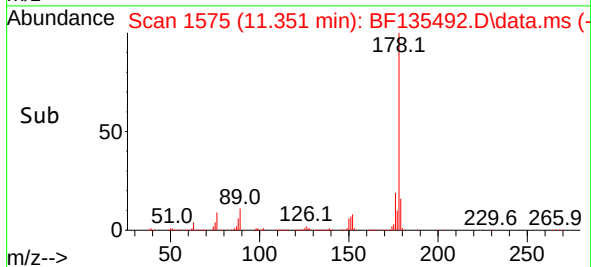
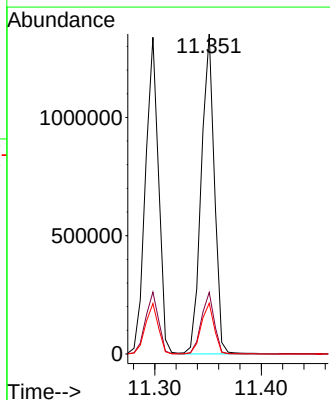
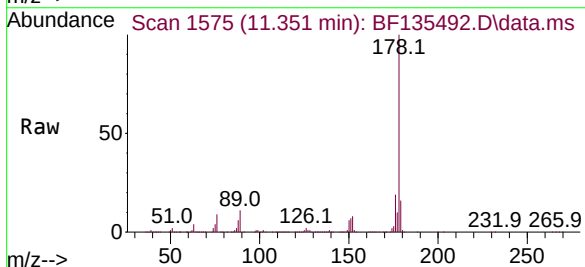
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

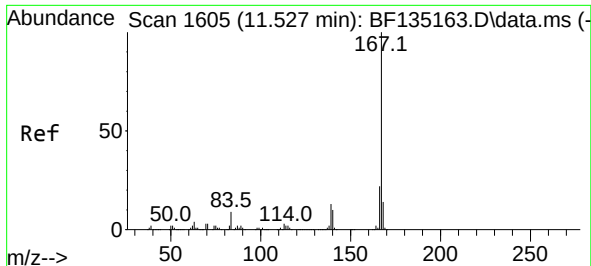
Tgt Ion:178 Resp: 1136554
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.9 12.0 18.0



#72
Anthracene
Concen: 41.906 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:178 Resp: 1160079
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.9 12.6 19.0

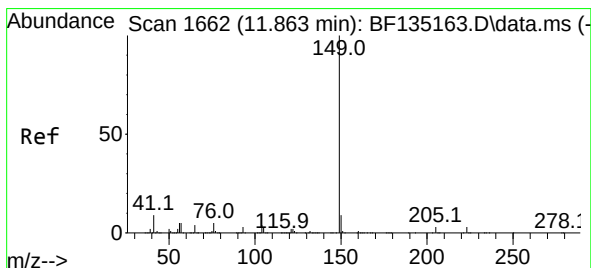
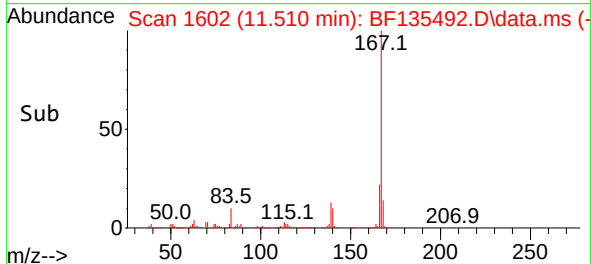
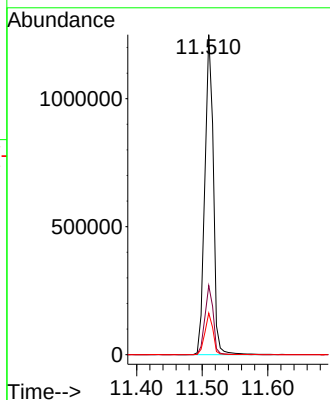
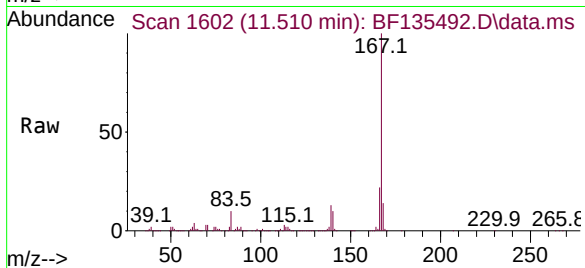




#73
Carbazole
Concen: 44.763 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

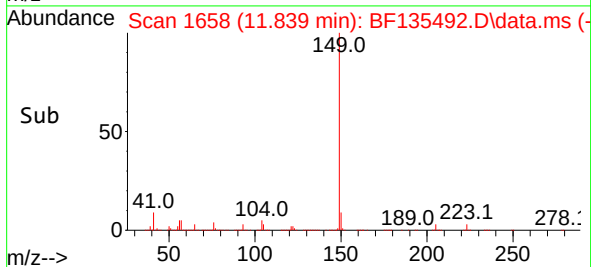
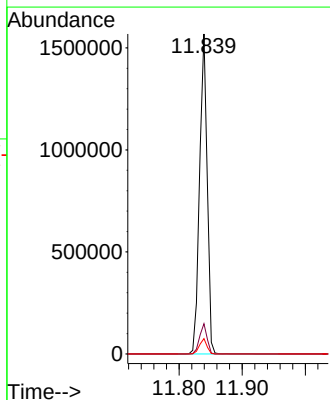
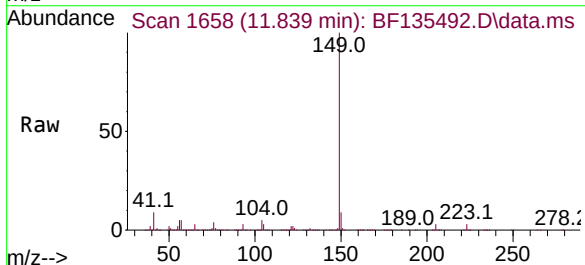
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

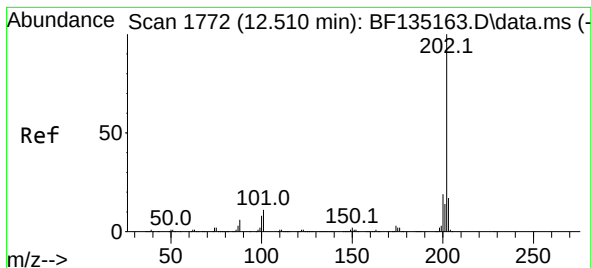
Tgt Ion:167 Resp: 1128047
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 13.0 10.6 15.8



#74
Di-n-butylphthalate
Concen: 44.155 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:149 Resp: 1311151
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 42.528 ng

RT: 12.492 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

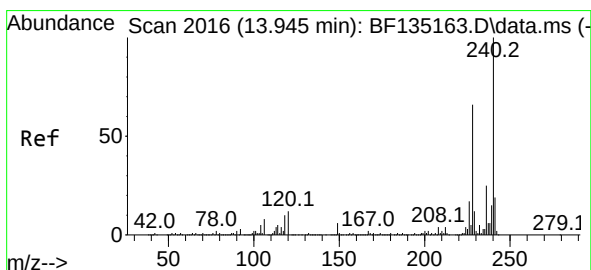
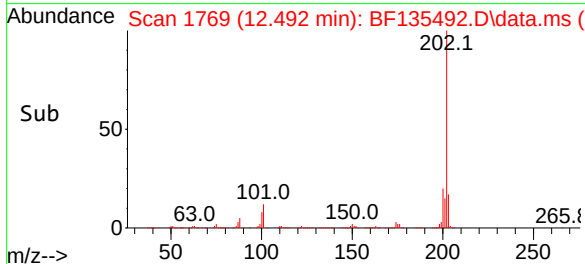
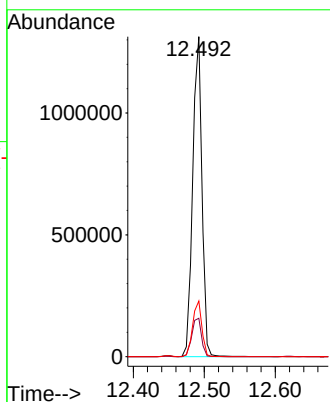
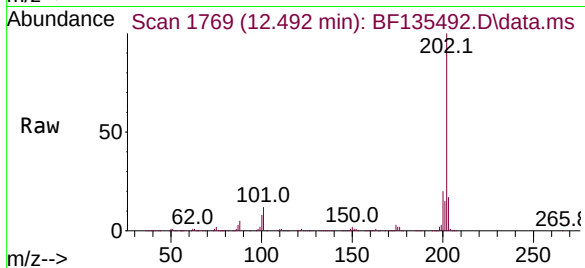
Tgt Ion:202 Resp: 1193439

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.3

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

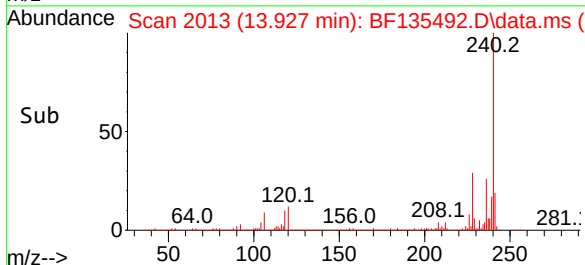
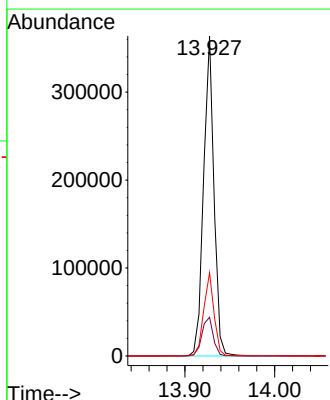
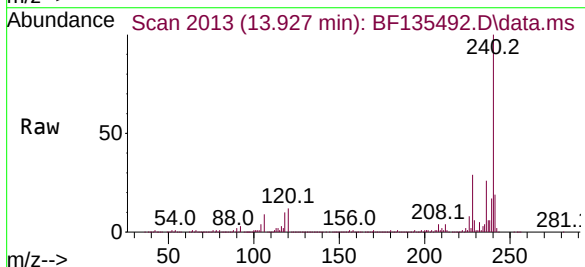
Tgt Ion:240 Resp: 292104

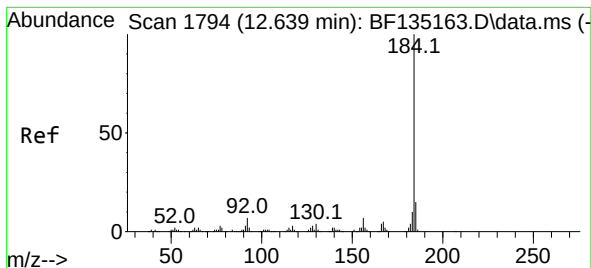
Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 26.0 19.8 29.8





#77

Benzidine

Concen: 43.513 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

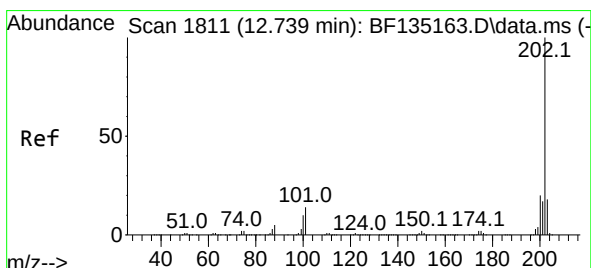
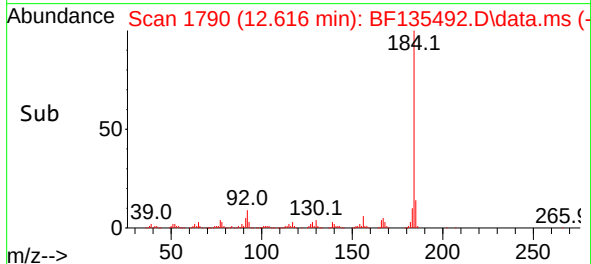
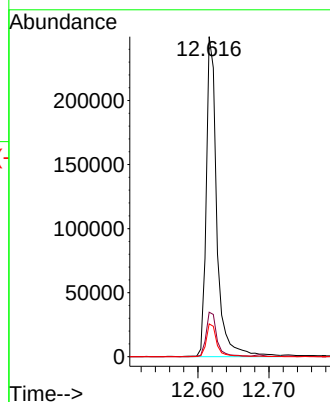
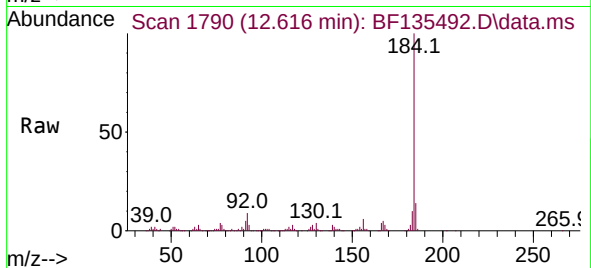
Tgt Ion:184 Resp: 260396

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

183 10.2 8.2 12.4



#78

Pyrene

Concen: 43.461 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

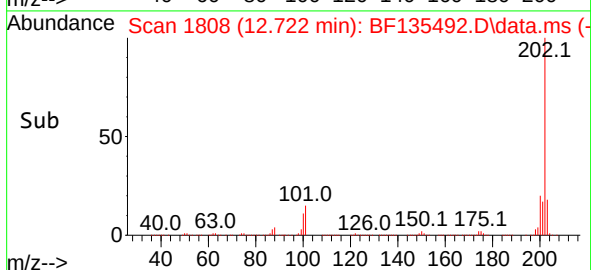
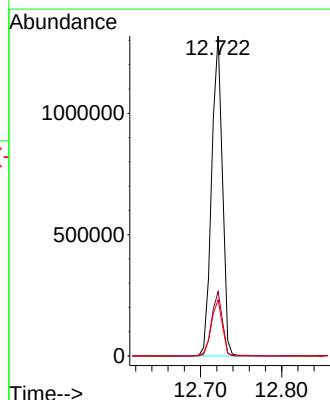
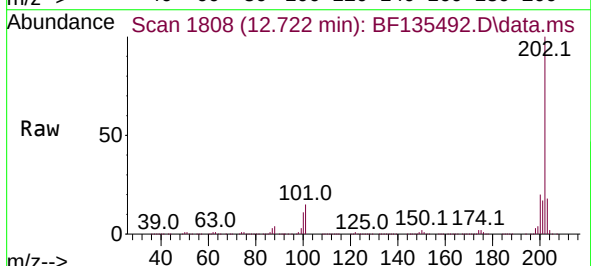
Tgt Ion:202 Resp: 1208687

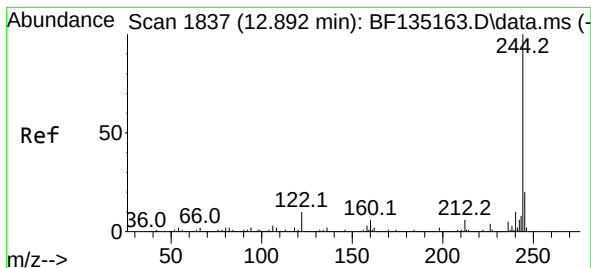
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 75.148 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

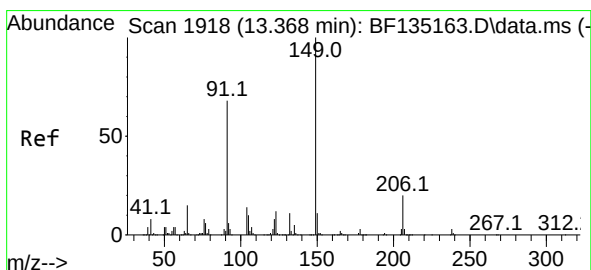
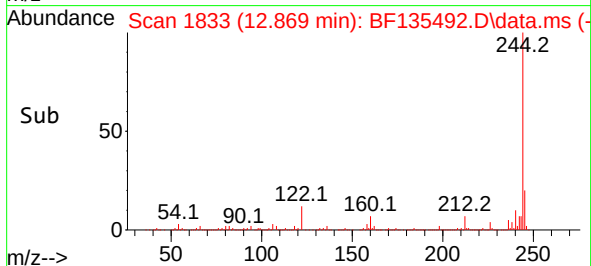
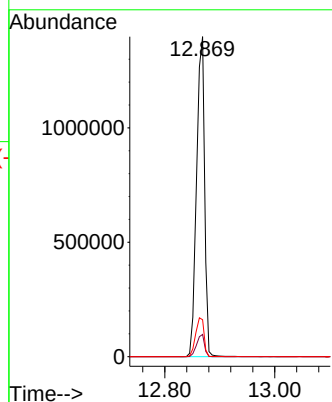
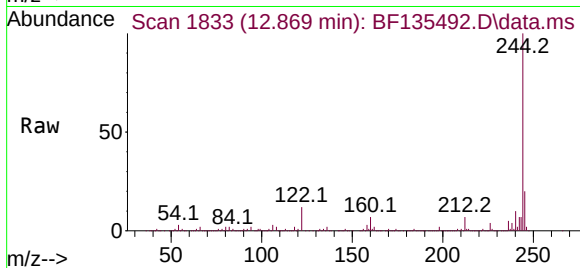
Tgt Ion:244 Resp: 1416017

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 47.012 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

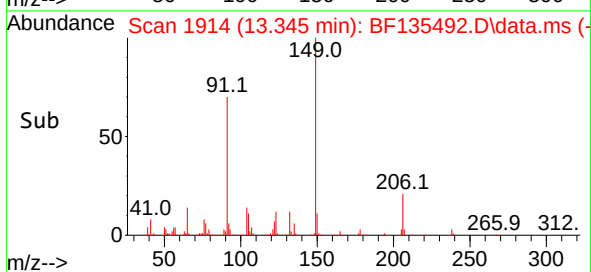
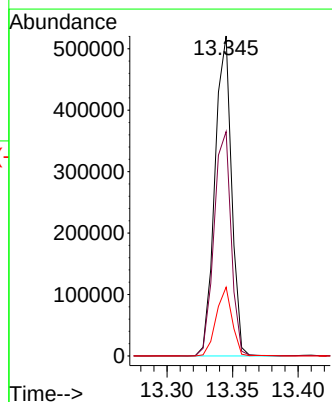
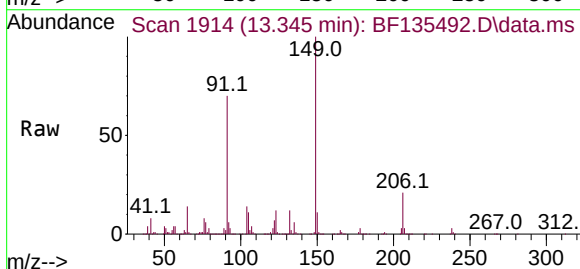
Tgt Ion:149 Resp: 460327

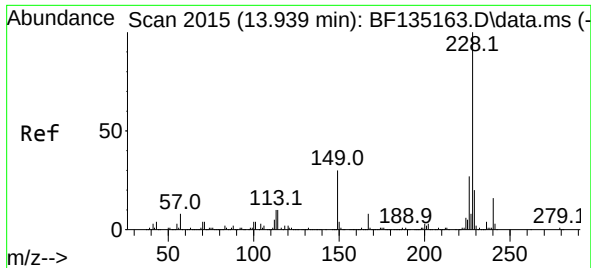
Ion Ratio Lower Upper

149 100

91 70.1 54.7 82.1

206 21.5 16.3 24.5

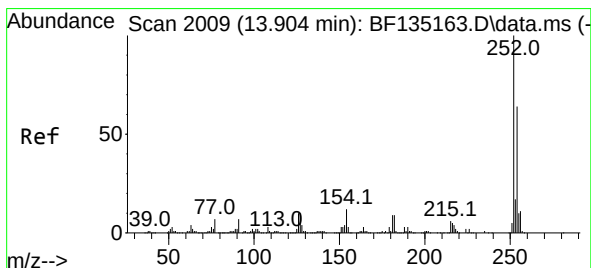
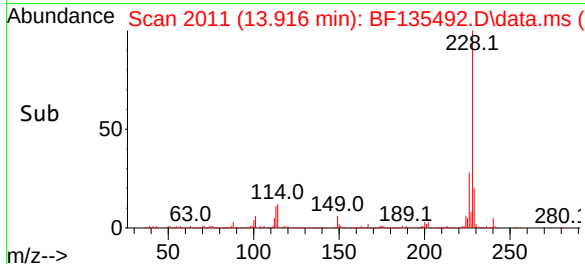
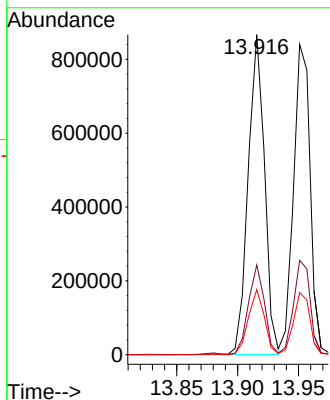
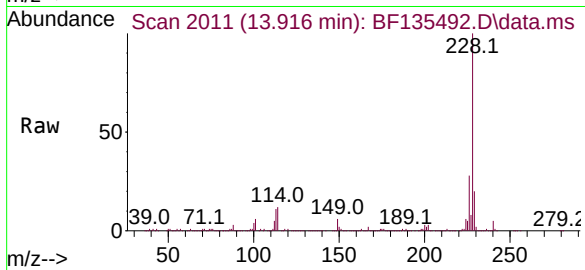




#81
Benzo(a)anthracene
Concen: 43.086 ng
RT: 13.916 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

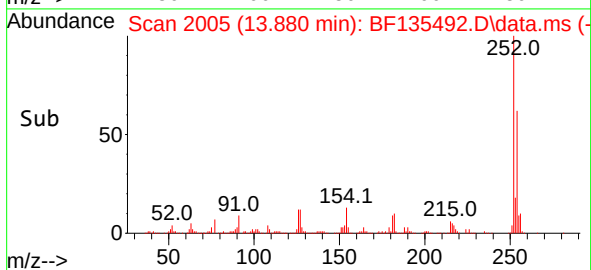
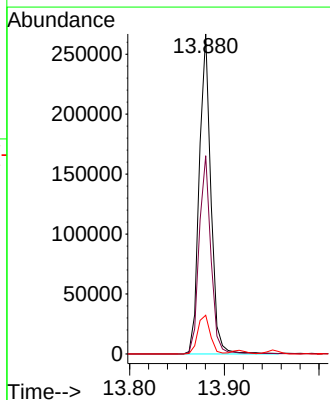
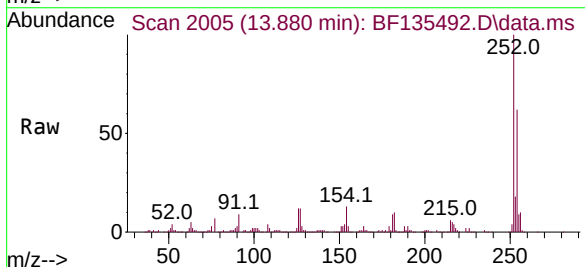
Instrument :
BNA_F
ClientSampleId :
PB155842BSD

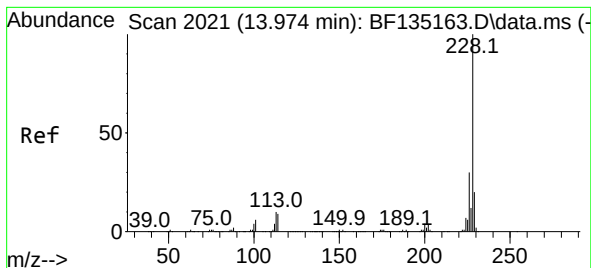
Tgt Ion:228 Resp: 812680
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.520 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:252 Resp: 226945
Ion Ratio Lower Upper
252 100
254 61.9 51.0 76.4
126 12.1 7.8 11.8#





#83

Chrysene

Concen: 42.777 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

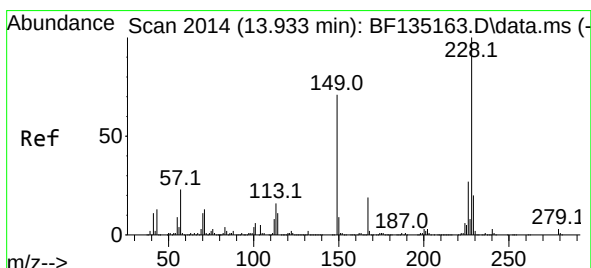
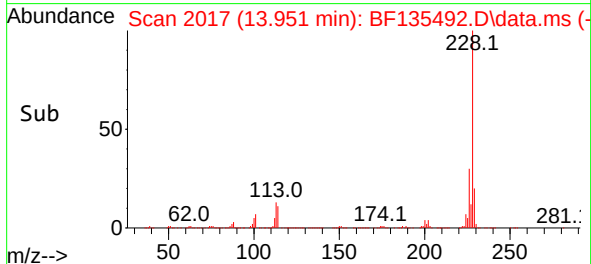
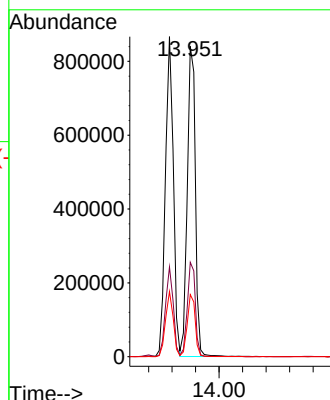
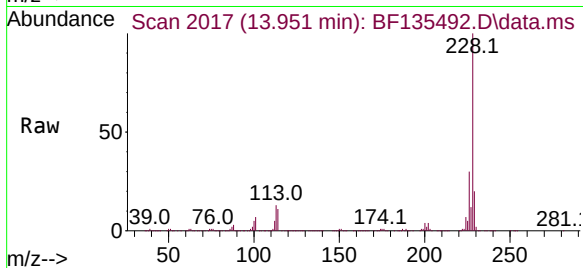
Tgt Ion:228 Resp: 802201

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.434 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

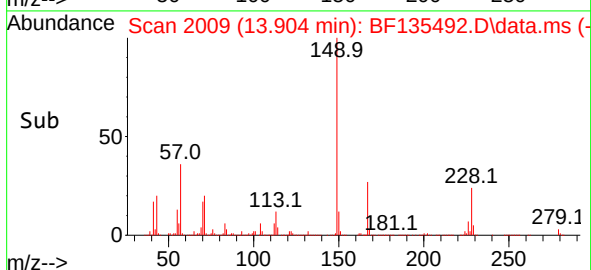
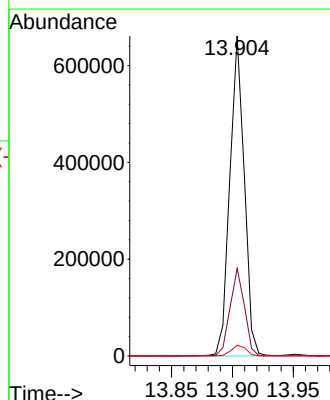
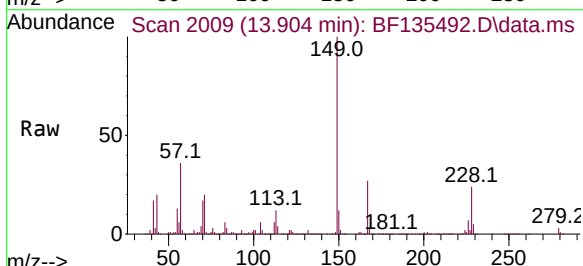
Tgt Ion:149 Resp: 546951

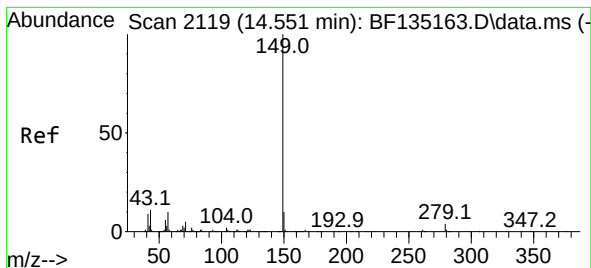
Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.925 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

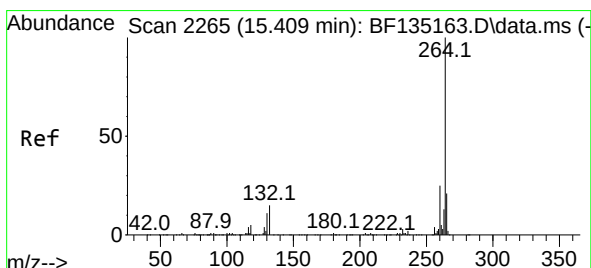
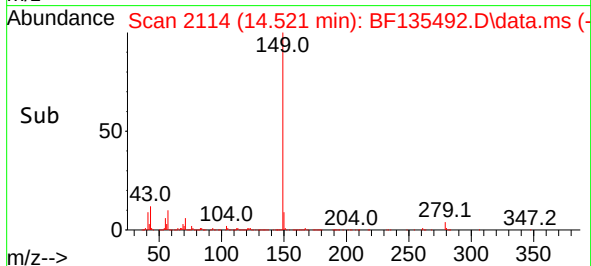
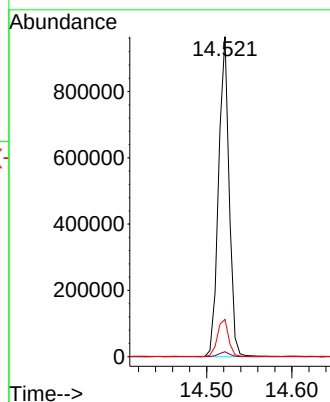
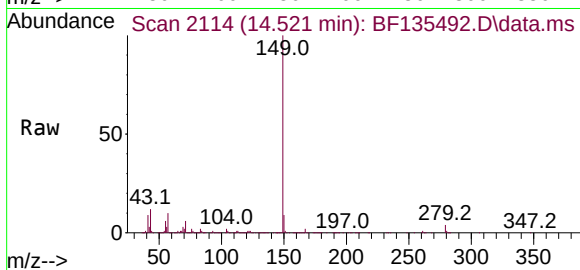
Tgt Ion:149 Resp: 829142

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

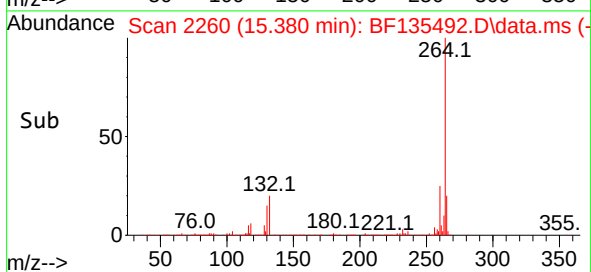
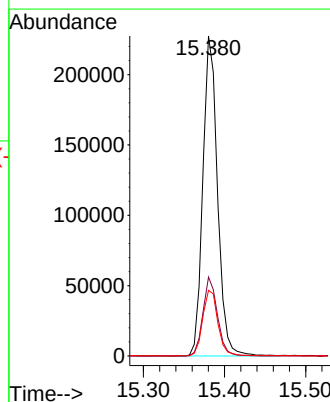
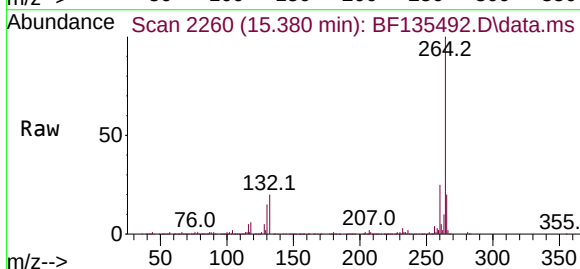
Tgt Ion:264 Resp: 285325

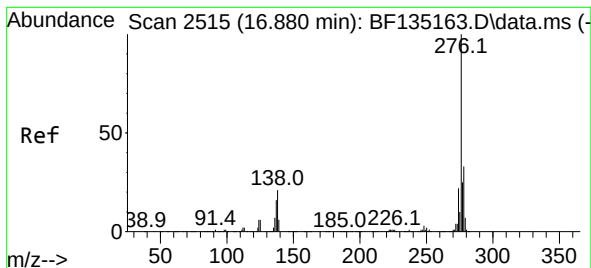
Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 20.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.972 ng

RT: 16.857 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

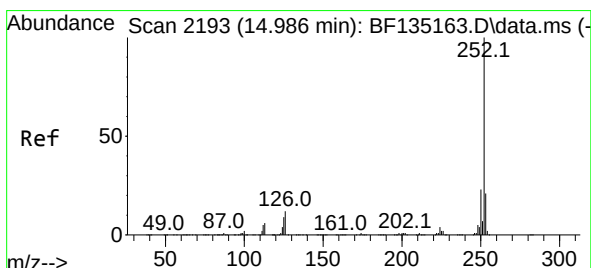
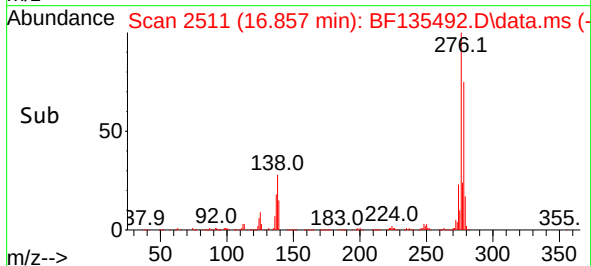
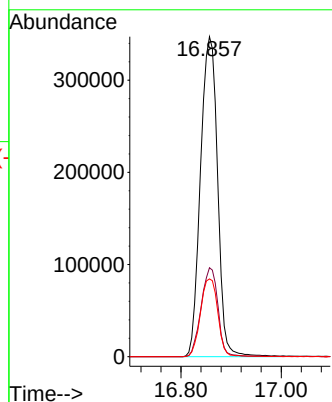
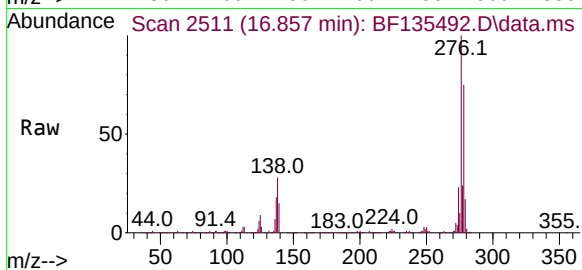
Tgt Ion:276 Resp: 822618

Ion Ratio Lower Upper

276 100

138 27.4 19.2 28.8

277 24.7 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 46.125 ng

RT: 14.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

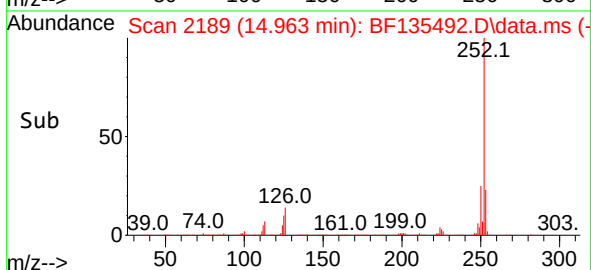
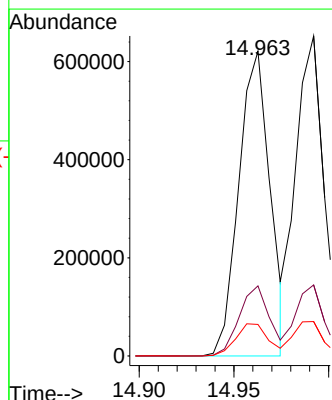
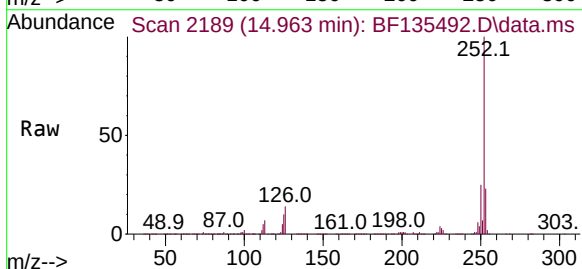
Tgt Ion:252 Resp: 712433

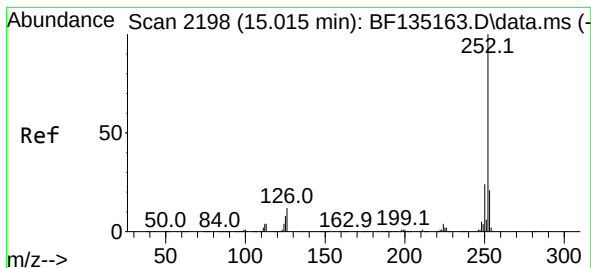
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 10.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.566 ng

RT: 14.992 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB155842BSD

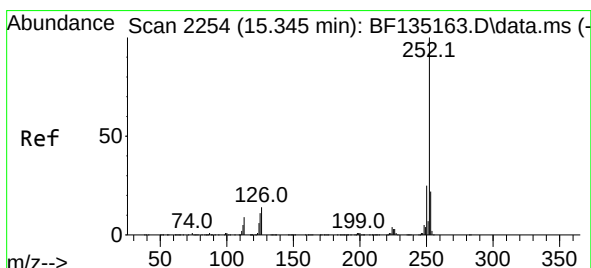
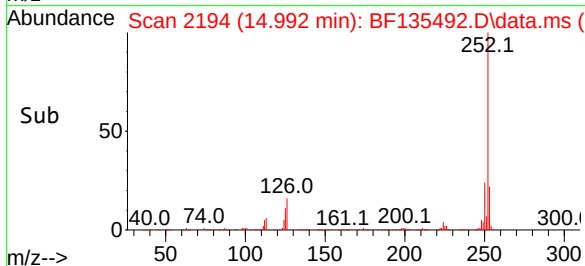
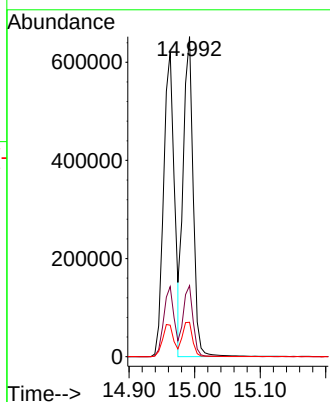
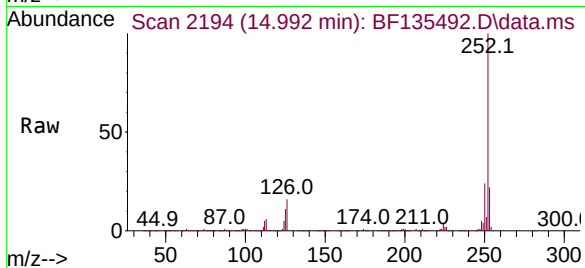
Tgt Ion:252 Resp: 679973

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 43.516 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF135492.D

Acq: 28 Sep 2023 14:27

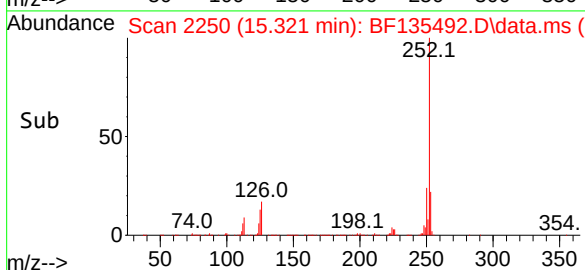
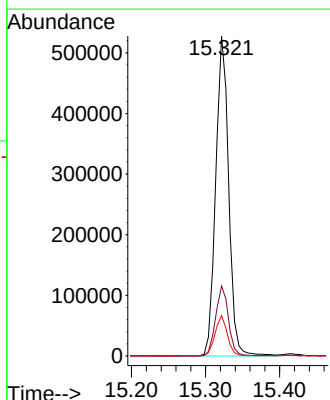
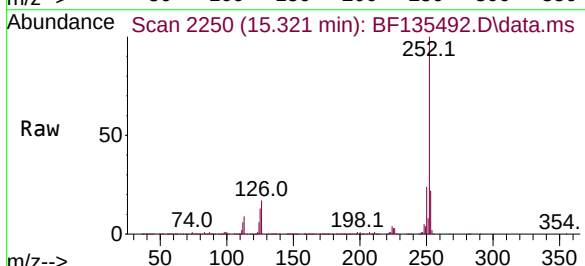
Tgt Ion:252 Resp: 640966

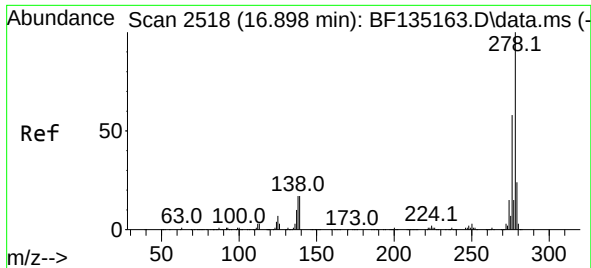
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.6 9.2 13.8

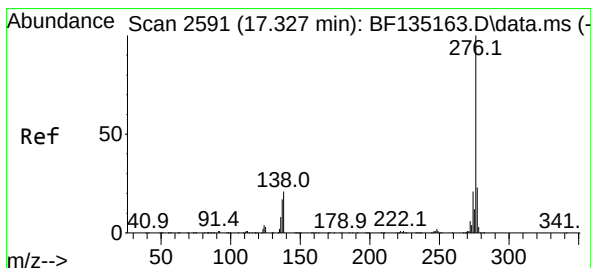
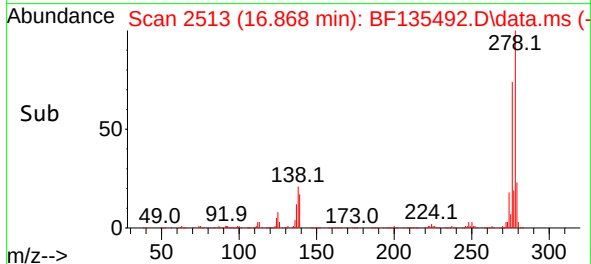
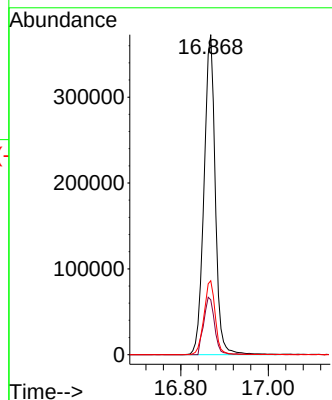
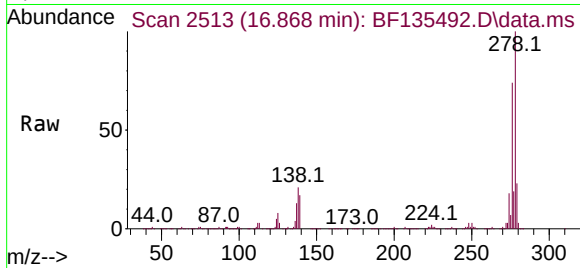




#91
Dibenzo(a,h)anthracene
Concen: 43.722 ng
RT: 16.868 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Instrument :
BNA_F
ClientSampleId :
PB155842BSD

Tgt Ion:278 Resp: 669258
Ion Ratio Lower Upper
278 100
139 17.1 13.4 20.0
279 23.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.910 ng
RT: 17.298 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BF135492.D
Acq: 28 Sep 2023 14:27

Tgt Ion:276 Resp: 685964
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 24.5 16.9 25.3

