

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137591.D
 Acq On : 14 Mar 2024 15:31
 Operator : CG\JU
 Sample : PB159568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159568BS

Quant Time: Mar 14 15:56:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	210990	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	809567	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	419555	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	694285	20.000	ng	0.00
76) Chrysene-d12	13.880	240	432380	20.000	ng	0.00
86) Perylene-d12	15.298	264	408577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1739768	124.885	ng	0.02
7) Phenol-d6	6.375	99	2344959	116.613	ng	0.00
23) Nitrobenzene-d5	7.298	82	1461863	83.902	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	501911	136.225	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2320613	86.582	ng	0.00
79) Terphenyl-d14	12.827	244	2352097	74.804	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	279543	36.699	ng	98
3) Pyridine	3.187	79	610847	33.251	ng	98
4) n-Nitrosodimethylamine	3.151	42	318992	43.272	ng	98
6) Aniline	6.392	93	457105	18.603	ng	# 70
8) 2-Chlorophenol	6.510	128	684323	46.573	ng	96
9) Benzaldehyde	6.275	77	245963	24.967	ng	98
10) Phenol	6.387	94	898692	41.522	ng	95
11) bis(2-Chloroethyl)ether	6.469	93	713167	44.965	ng	99
12) 1,3-Dichlorobenzene	6.669	146	716843	45.655	ng	96
13) 1,4-Dichlorobenzene	6.745	146	730333	45.462	ng	99
14) 1,2-Dichlorobenzene	6.892	146	684629	46.431	ng	99
15) Benzyl Alcohol	6.875	79	615471	49.163	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1118933	41.042	ng	95
17) 2-Methylphenol	6.992	107	566633	41.212	ng	96
18) Hexachloroethane	7.234	117	249287	47.127	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	499874	40.255	ng	99
20) 3+4-Methylphenols	7.145	107	637058	40.456	ng	92
22) Acetophenone	7.139	105	902443	46.072	ng	# 98
24) Nitrobenzene	7.316	77	771751	44.093	ng	95
25) Isophorone	7.551	82	1451127	43.838	ng	99
26) 2-Nitrophenol	7.628	139	341663	49.168	ng	98
27) 2,4-Dimethylphenol	7.669	122	504779	38.877	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	873210	44.960	ng	99
29) 2,4-Dichlorophenol	7.869	162	558655	46.881	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	586808	46.794	ng	99
31) Naphthalene	8.033	128	1915184	44.092	ng	100
32) Benzoic acid	7.822	122	325601	44.130	ng	93
33) 4-Chloroaniline	8.086	127	282643	16.595	ng	98
34) Hexachlorobutadiene	8.145	225	339428	45.847	ng	99
35) Caprolactam	8.463	113	102712	25.419	ng	96
36) 4-Chloro-3-methylphenol	8.575	107	586565	44.036	ng	99
37) 2-Methylnaphthalene	8.722	142	1161263	41.938	ng	99
38) 1-Methylnaphthalene	8.822	142	1104773	42.366	ng	98
40) 1,2,4,5-Tetrachloroben...	8.886	216	570909	48.742	ng	99
41) Hexachlorocyclopentadiene	8.875	237	440233	90.853	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	362296	47.499	ng	98

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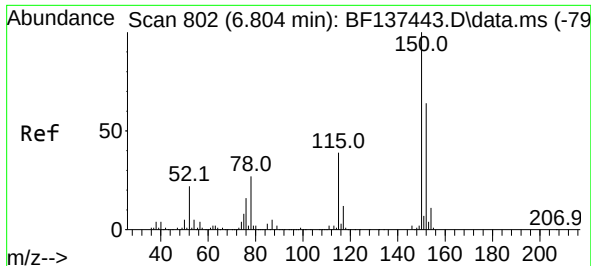
Quant Time: Mar 14 15:56:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	397683	45.261	ng	96
46) 1,1'-Biphenyl	9.186	154	1408408	45.865	ng	99
47) 2-Chloronaphthalene	9.210	162	1113154	47.546	ng	98
48) 2-Nitroaniline	9.316	65	379728	47.719	ng	97
49) Acenaphthylene	9.627	152	1741453	46.479	ng	99
50) Dimethylphthalate	9.492	163	1299088	44.480	ng	98
51) 2,6-Dinitrotoluene	9.557	165	287161	47.008	ng	92
52) Acenaphthene	9.798	154	979267	43.779	ng	100
53) 3-Nitroaniline	9.722	138	194625	30.121	ng	97
54) 2,4-Dinitrophenol	9.833	184	268905	89.198	ng	98
55) Dibenzofuran	9.969	168	1484210	43.565	ng	99
56) 4-Nitrophenol	9.898	139	400721	86.765	ng	98
57) 2,4-Dinitrotoluene	9.957	165	352065	46.911	ng	92
58) Fluorene	10.310	166	1101864	42.113	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	313864	44.545	ng	92
60) Diethylphthalate	10.192	149	1194961	43.327	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	531472	41.447	ng	97
62) 4-Nitroaniline	10.339	138	240534	43.312	ng	98
63) Azobenzene	10.463	77	1335604	42.056	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	196731	50.840	ng	82
66) n-Nitrosodiphenylamine	10.427	169	1014281	45.368	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	348644	46.105	ng	99
68) Hexachlorobenzene	10.851	284	377644	49.444	ng	98
69) Atrazine	10.957	200	282180	41.519	ng	100
70) Pentachlorophenol	11.051	266	392683	85.049	ng	99
71) Phenanthrene	11.269	178	1663583	44.028	ng	99
72) Anthracene	11.322	178	1695226	43.684	ng	99
73) Carbazole	11.480	167	1510550	45.443	ng	99
74) Di-n-butylphthalate	11.810	149	1758669	44.468	ng	99
75) Fluoranthene	12.457	202	1633999	44.242	ng	97
77) Benzidine	12.586	184	98126	9.274	ng	98
78) Pyrene	12.680	202	1656684	39.049	ng	99
80) Butylbenzylphthalate	13.304	149	584720	53.966	ng	99
81) Benzo(a)anthracene	13.868	228	1311419	43.274	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	323005	40.024	ng	97
83) Chrysene	13.904	228	1347608	43.998	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	759129	55.123	ng	99
85) Di-n-octyl phthalate	14.474	149	1355464	50.711	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1199388	44.608	ng	98
88) Benzo(b)fluoranthene	14.898	252	1265293	52.352	ng	98
89) Benzo(k)fluoranthene	14.921	252	1152034	44.378	ng	98
90) Benzo(a)pyrene	15.245	252	1099683	46.172	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	972016	44.565	ng	98
92) Benzo(g,h,i)perylene	17.109	276	973122	43.444	ng	98

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

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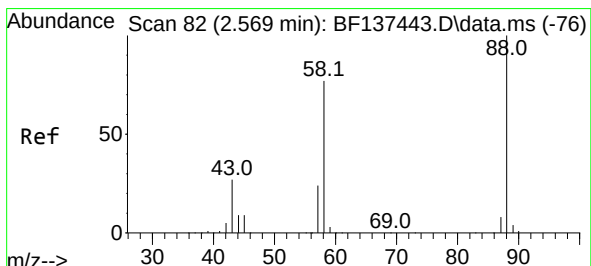
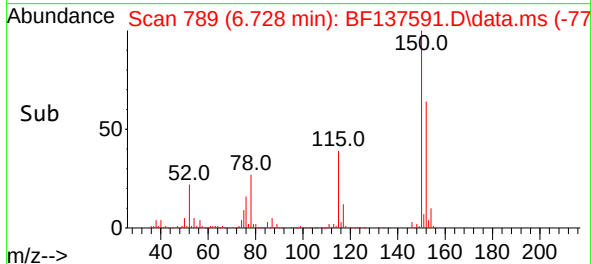
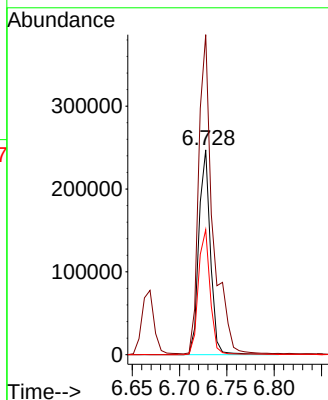
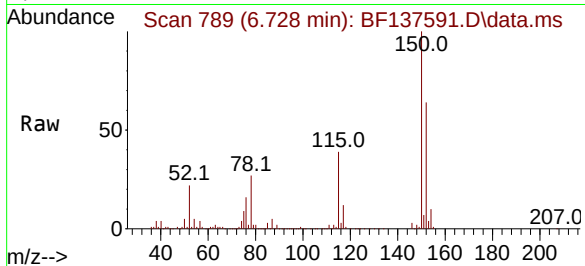




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

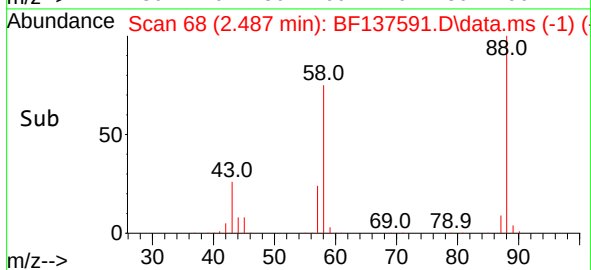
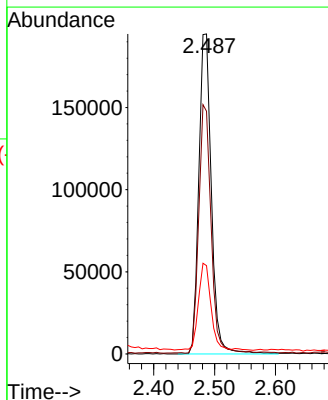
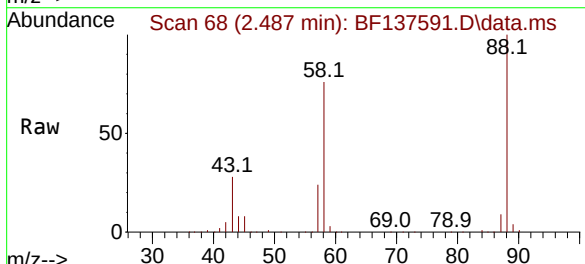
Instrument :
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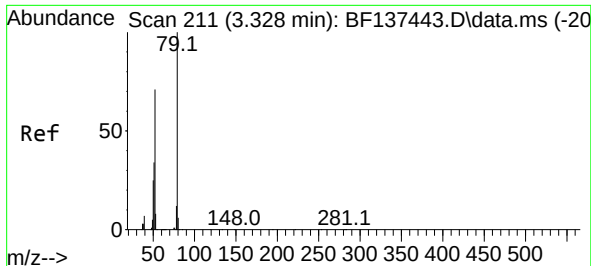
Tgt Ion:152 Resp: 210990
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 61.0 48.8 73.2



#2
1,4-Dioxane
Concen: 36.699 ng
RT: 2.487 min Scan# 68
Delta R.T. 0.117 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 88 Resp: 279543
Ion Ratio Lower Upper
88 100
58 76.1 61.8 92.8
43 26.4 22.2 33.4

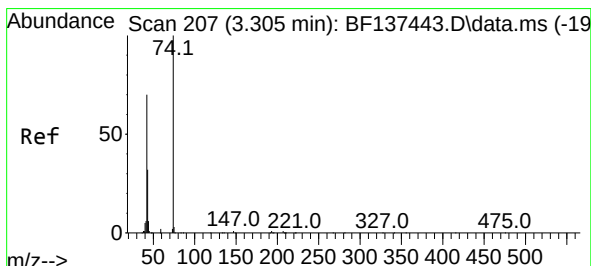
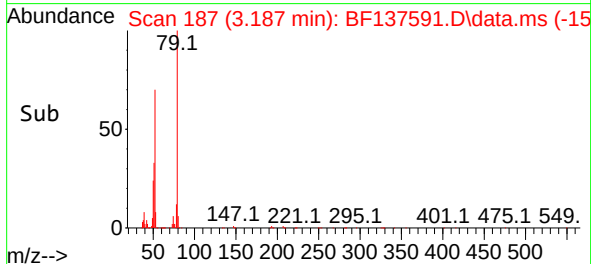
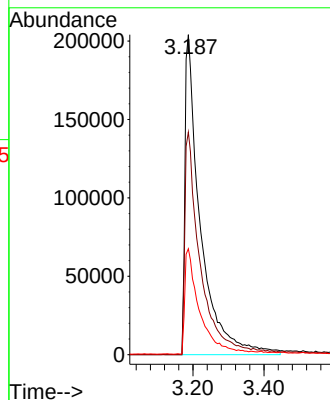
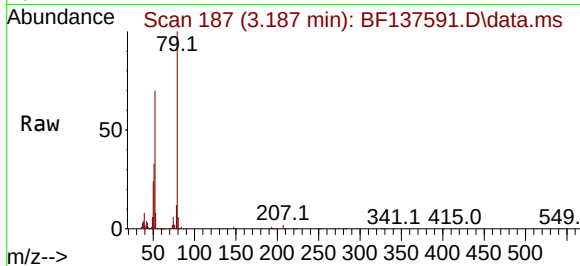




#3
Pyridine
Concen: 33.251 ng
RT: 3.187 min Scan# 11
Delta R.T. 0.117 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

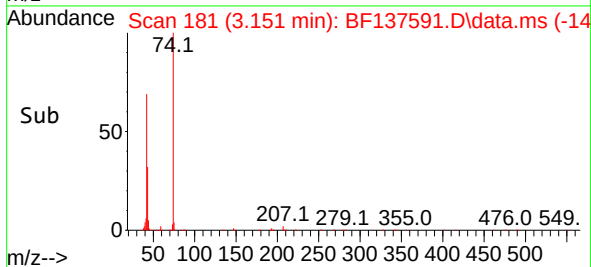
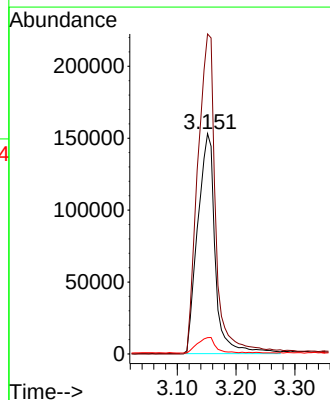
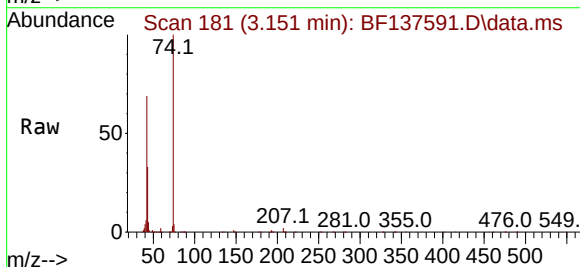
Instrument :
BNA_F
ClientSampleId :
PB159568BS

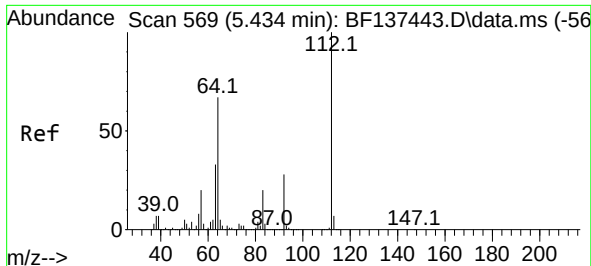
Tgt Ion: 79 Resp: 610847
Ion Ratio Lower Upper
79 100
52 69.5 57.0 85.4
51 33.1 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 43.272 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.112 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 42 Resp: 318992
Ion Ratio Lower Upper
42 100
74 145.3 114.0 171.0
44 7.4 7.0 10.4

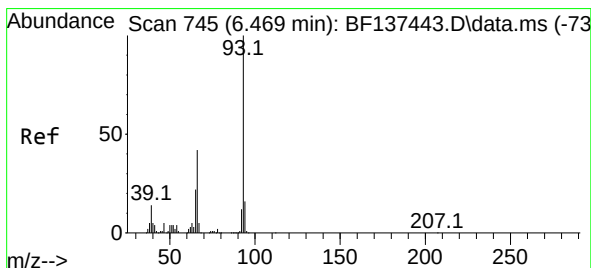
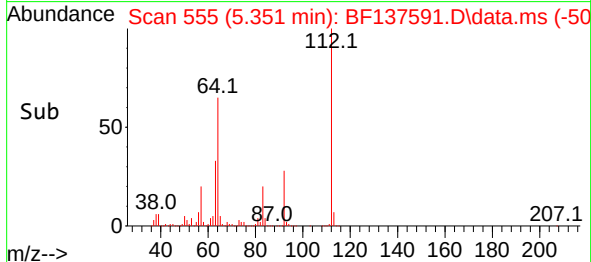
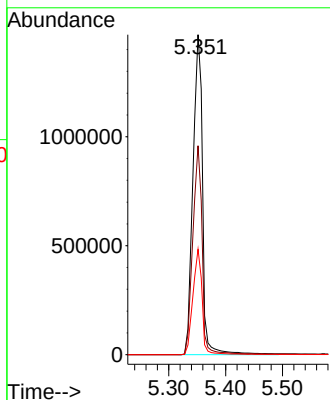
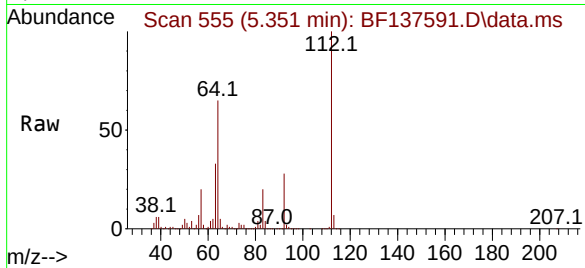




#5
2-Fluorophenol
Concen: 124.885 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

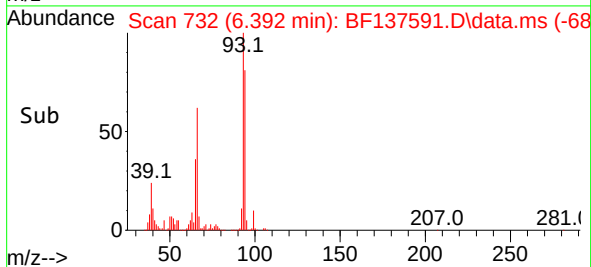
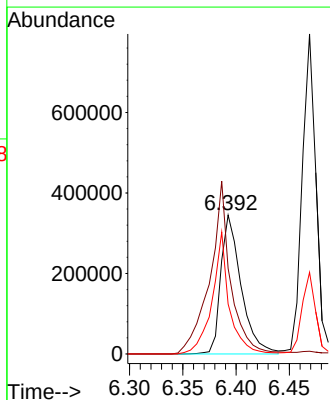
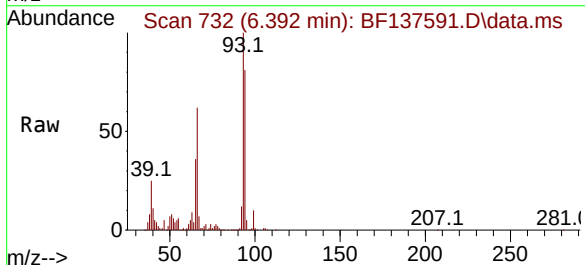
Instrument :
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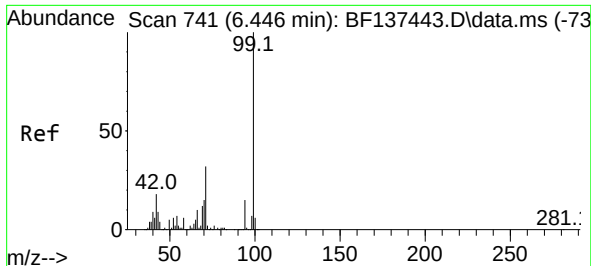
Tgt Ion:112 Resp: 1739768
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 33.0 26.2 39.2



#6
Aniline
Concen: 18.603 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 93 Resp: 457105
Ion Ratio Lower Upper
93 100
66 61.7 34.0 51.0#
65 36.0 17.8 26.8#





#7

Phenol-d6

Concen: 116.613 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

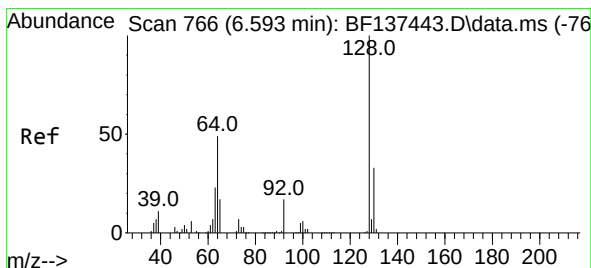
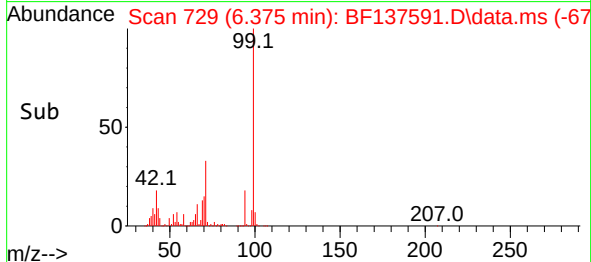
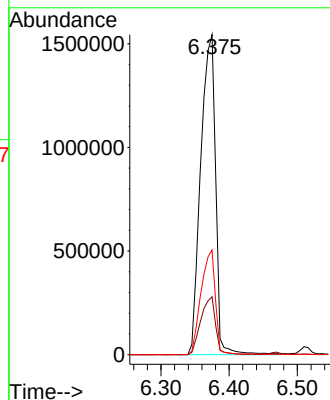
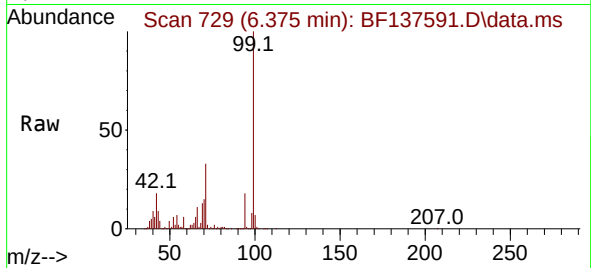
BNA_F

ClientSampleId :

PB159568BS

Tgt Ion: 99 Resp: 2344959

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	32.7	25.3	37.9



#8

2-Chlorophenol

Concen: 46.573 ng

RT: 6.510 min Scan# 752

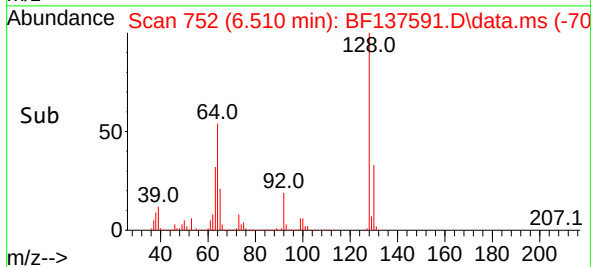
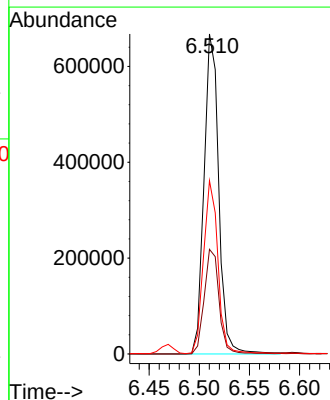
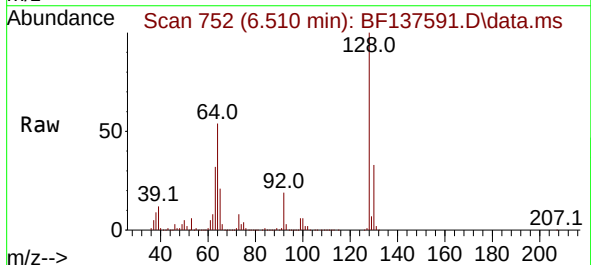
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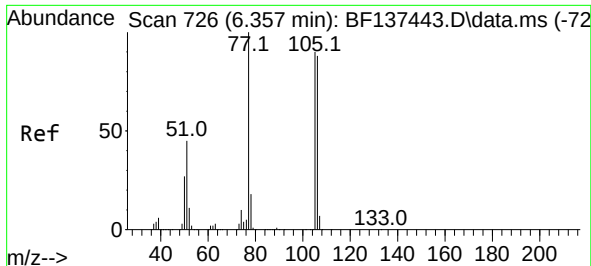
Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Tgt Ion:128 Resp: 684323

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.4	53.4
64	54.1	30.0	70.0





#9

Benzaldehyde

Concen: 24.967 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

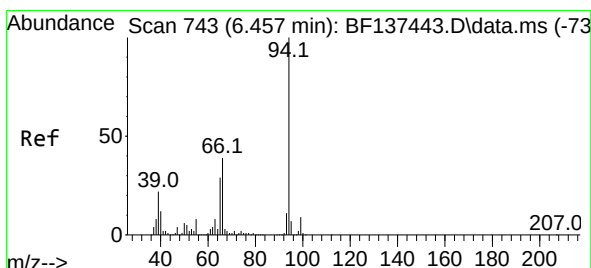
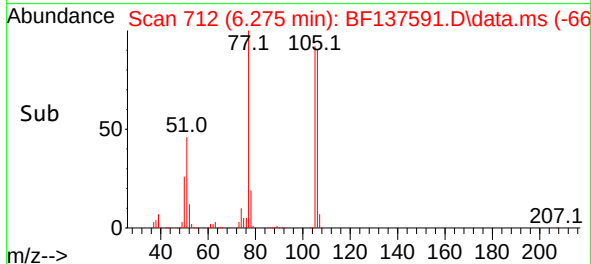
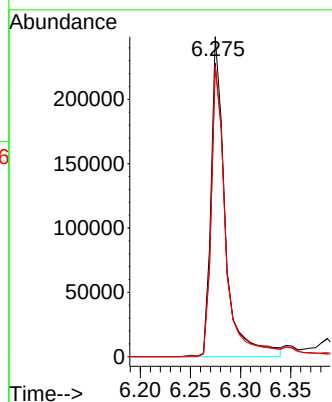
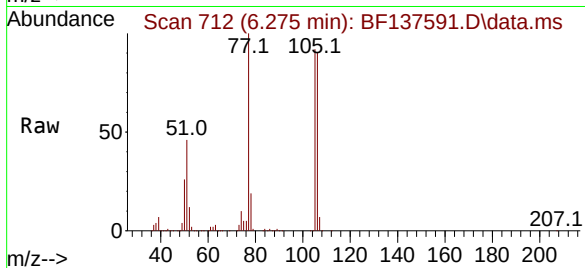
Tgt Ion: 77 Resp: 245963

Ion Ratio Lower Upper

77 100

105 91.8 69.8 109.8

106 90.5 67.8 107.8



#10

Phenol

Concen: 41.522 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

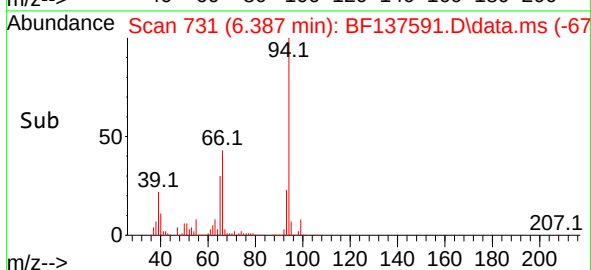
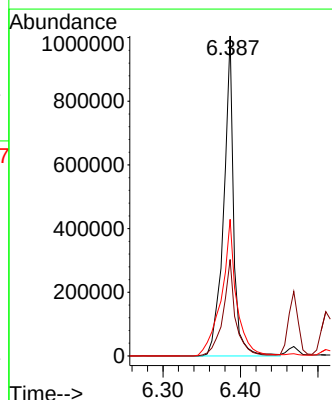
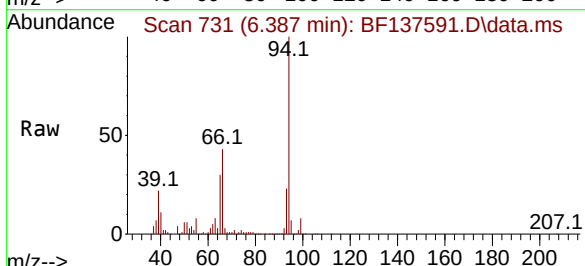
Tgt Ion: 94 Resp: 898692

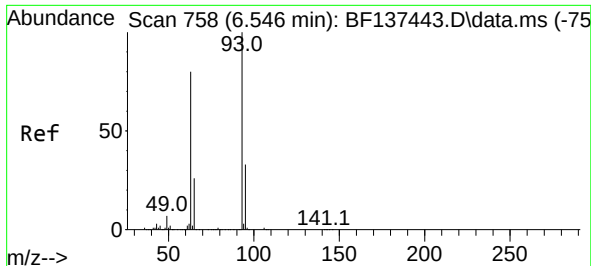
Ion Ratio Lower Upper

94 100

65 30.2 8.7 48.7

66 42.7 18.6 58.6

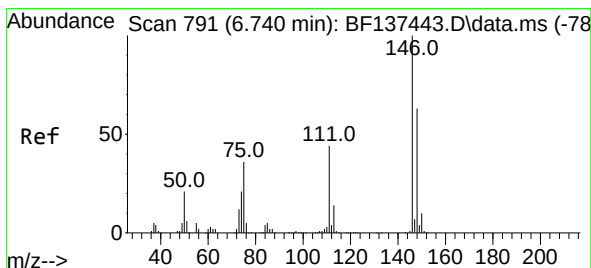
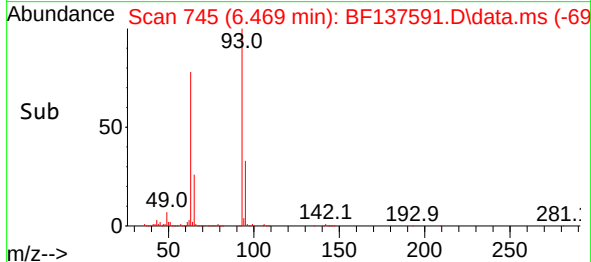
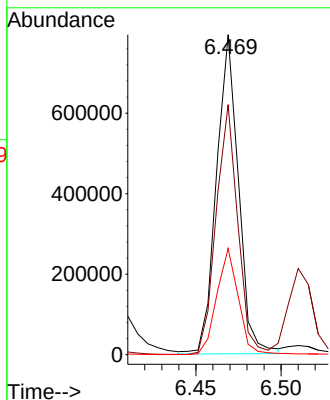
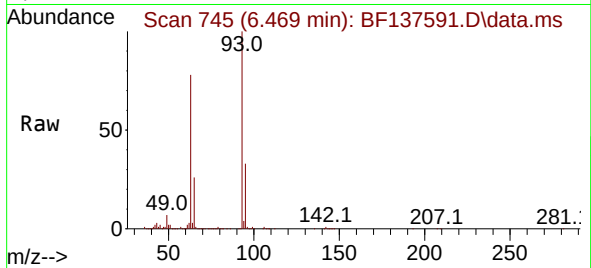




#11
bis(2-Chloroethyl)ether
Concen: 44.965 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

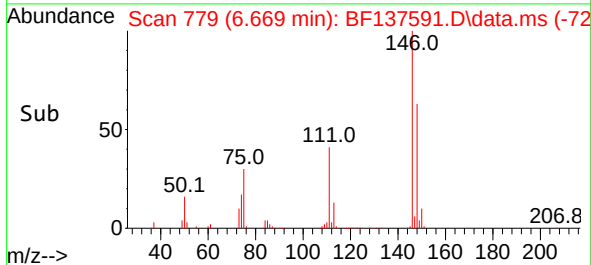
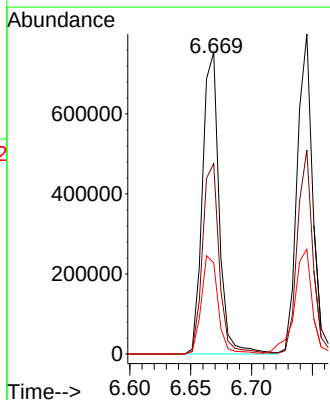
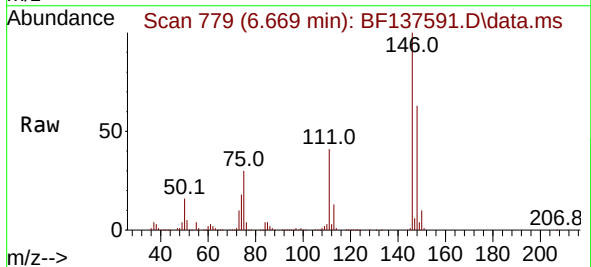
Instrument :
BNA_F
ClientSampleId :
PB159568BS

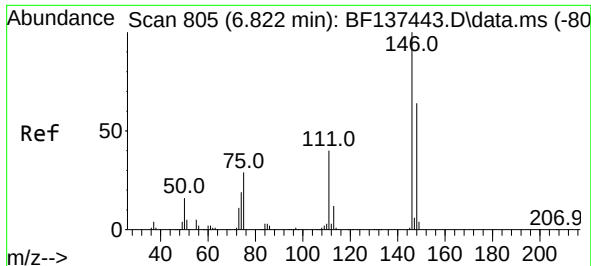
Tgt Ion: 93 Resp: 713167
Ion Ratio Lower Upper
93 100
63 78.2 58.9 98.9
95 33.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.655 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:146 Resp: 716843
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
75 30.3 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 45.462 ng

RT: 6.745 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF137591.D

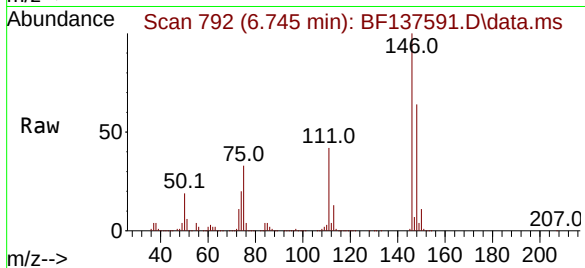
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS



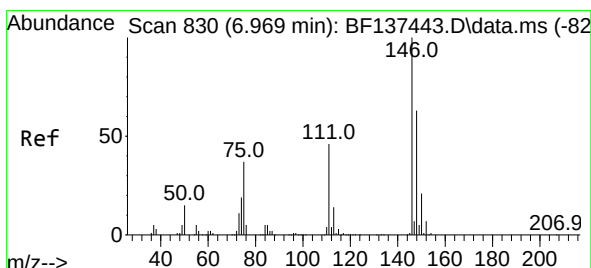
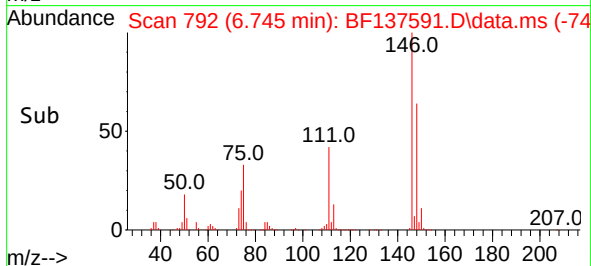
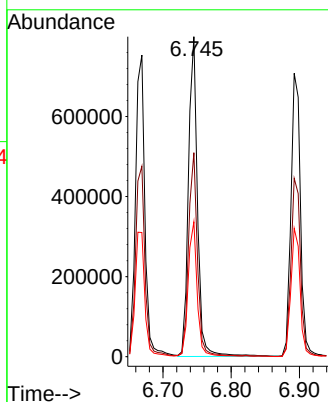
Tgt Ion:146 Resp: 730333

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

111 42.1 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.431 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

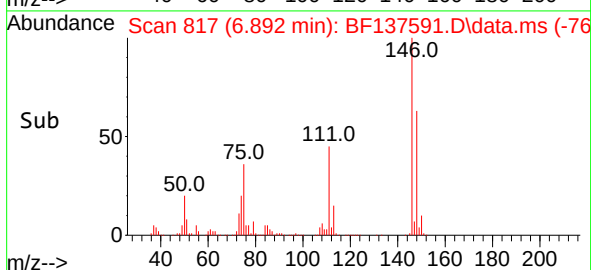
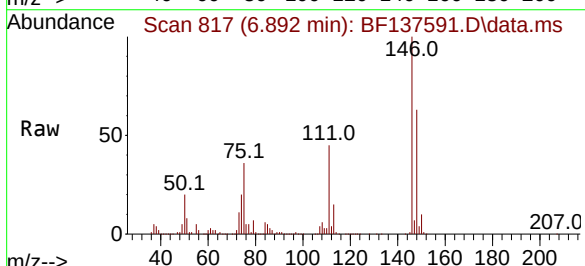
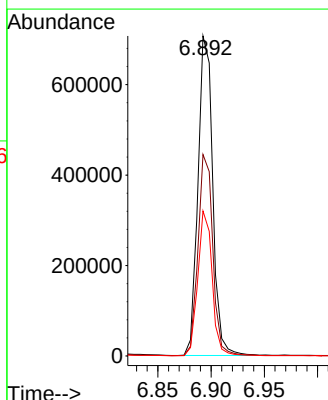
Tgt Ion:146 Resp: 684629

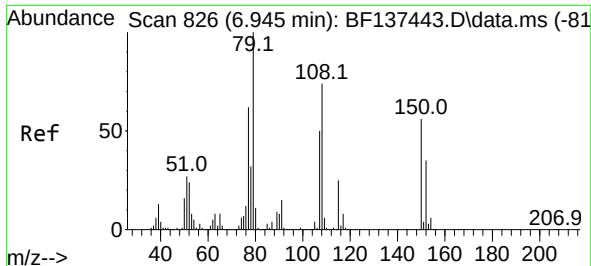
Ion Ratio Lower Upper

146 100

148 62.9 50.0 75.0

111 45.3 36.8 55.2

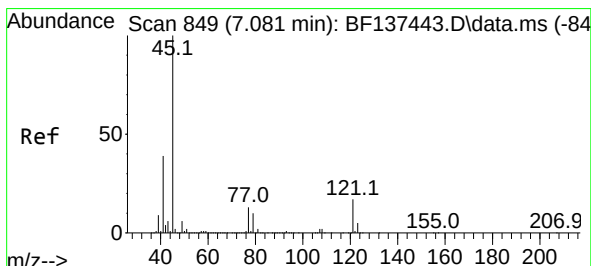
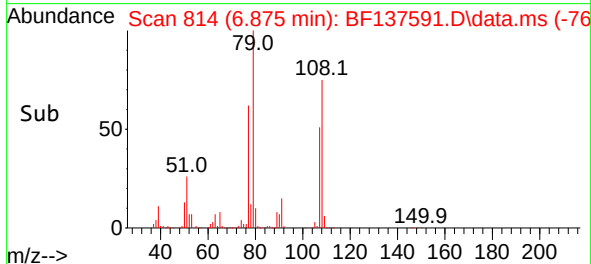
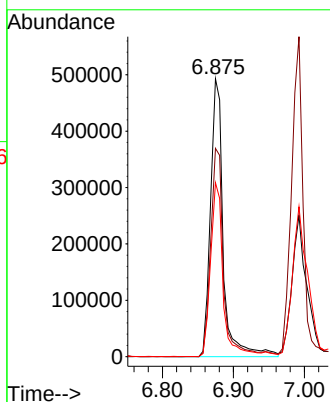
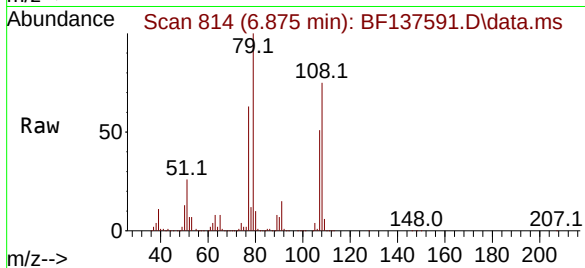




#15
Benzyl Alcohol
Concen: 49.163 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

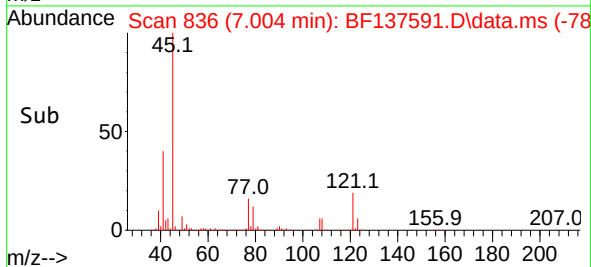
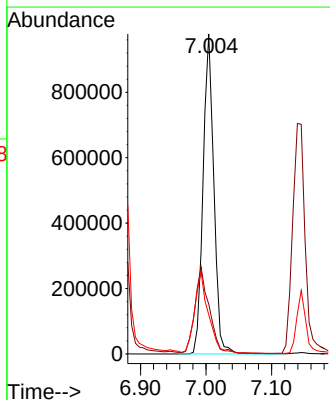
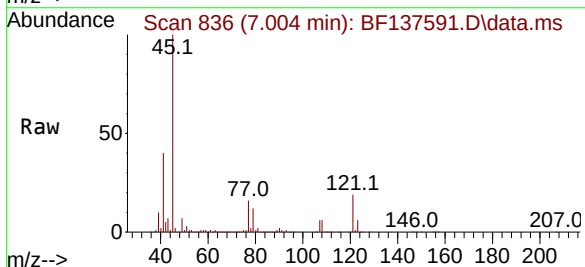
Instrument :
BNA_F
ClientSampleId :
PB159568BS

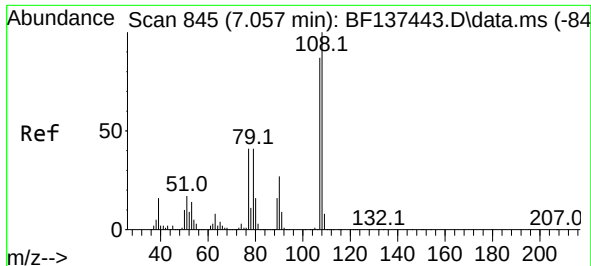
Tgt Ion: 79 Resp: 615471
Ion Ratio Lower Upper
79 100
108 75.0 59.5 89.3
77 62.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.042 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 45 Resp: 1118933
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.4
79 12.3 0.0 30.9





#17

2-Methylphenol

Concen: 41.212 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137591.D

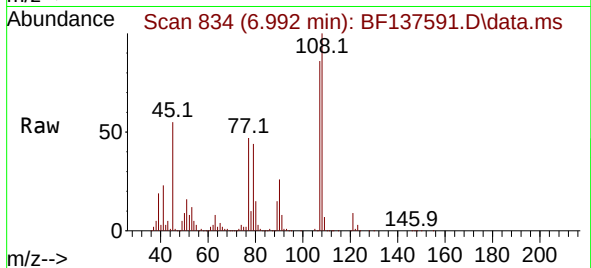
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS



Tgt Ion:107 Resp: 566633

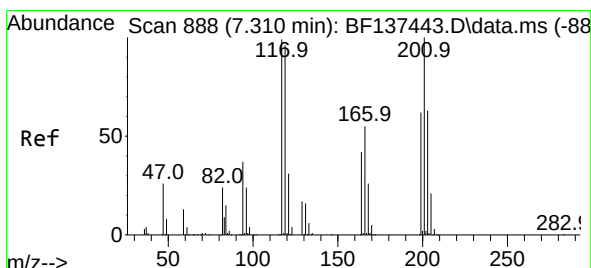
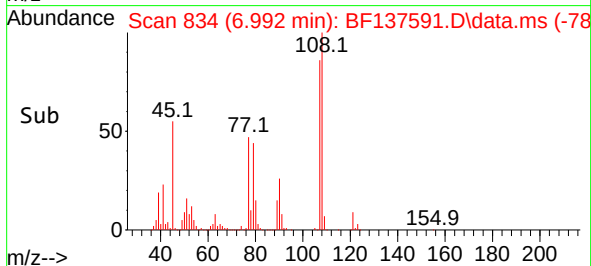
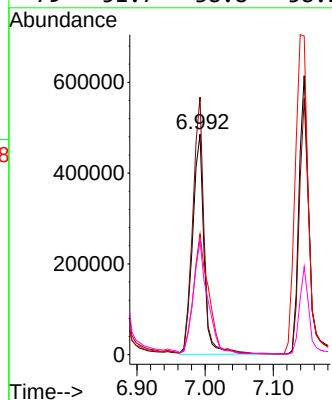
Ion Ratio Lower Upper

107 100

108 116.9 92.2 138.4

77 54.8 38.6 57.8

79 51.7 38.8 58.2



#18

Hexachloroethane

Concen: 47.127 ng

RT: 7.234 min Scan# 875

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

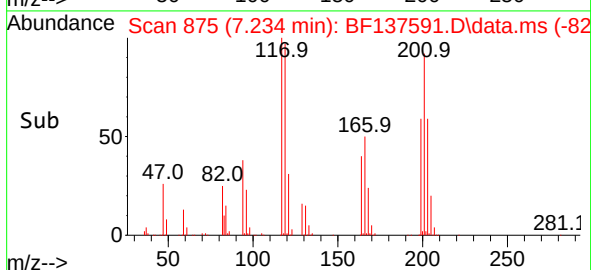
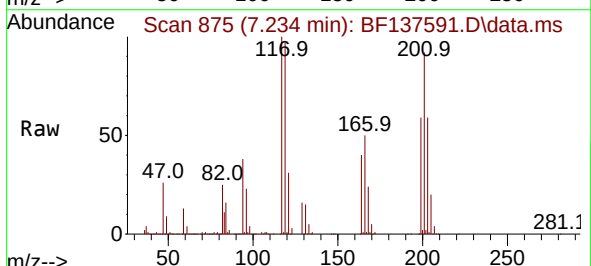
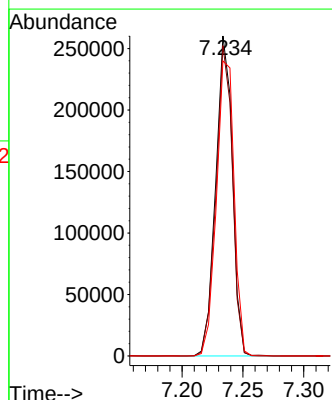
Tgt Ion:117 Resp: 249287

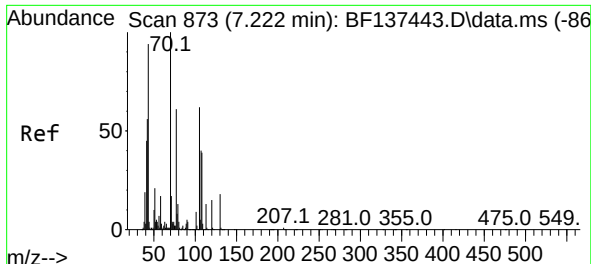
Ion Ratio Lower Upper

117 100

119 97.0 77.5 116.3

201 92.2 80.6 121.0



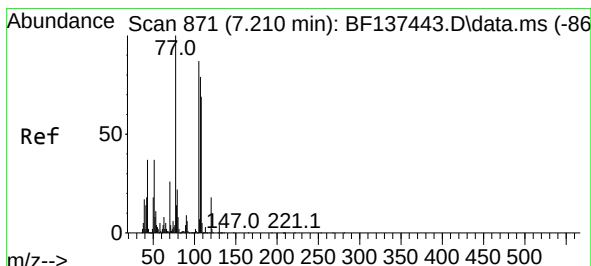
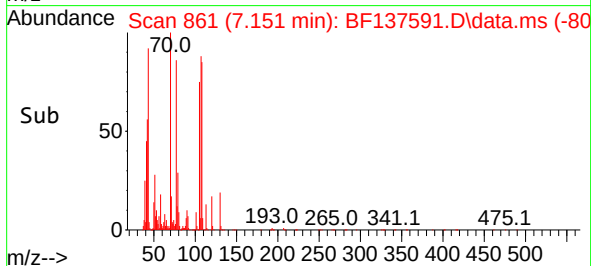
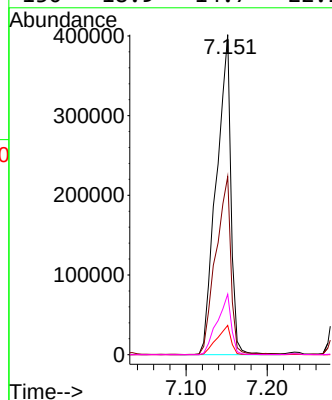
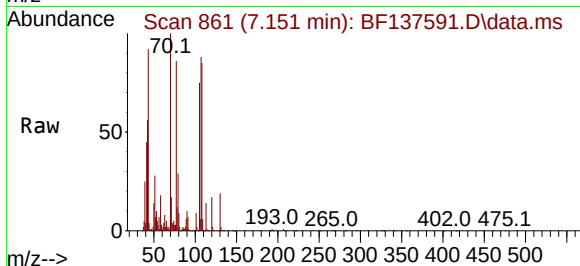


#19
n-Nitroso-di-n-propylamine
Concen: 40.255 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion: 70 Resp: 499874

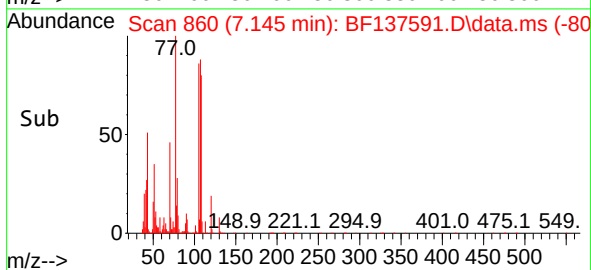
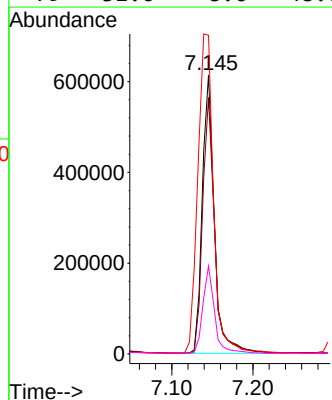
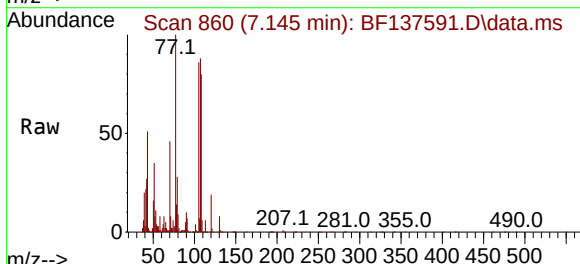
Ion	Ratio	Lower	Upper
70	100		
42	55.6	45.2	67.8
101	9.1	7.3	10.9
130	18.9	14.7	22.1

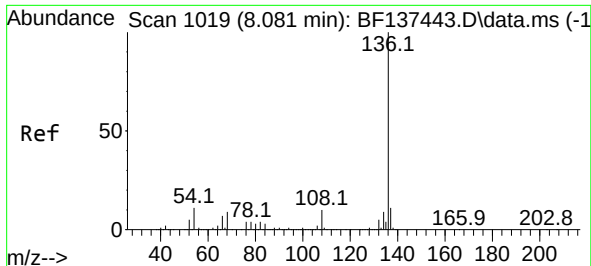


#20
3+4-Methylphenols
Concen: 40.456 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 107 Resp: 637058

Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.6	107.6
77	114.2	107.1	147.1
79	31.6	8.6	48.6

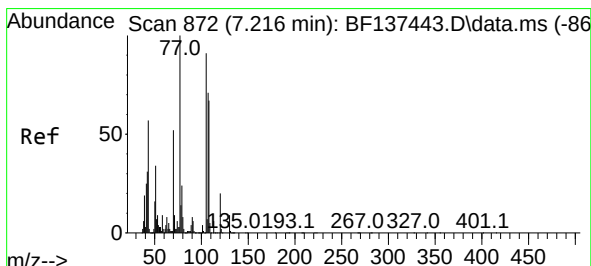
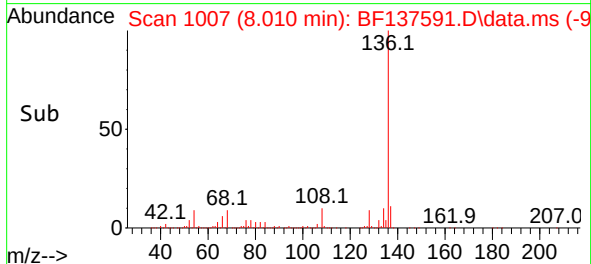
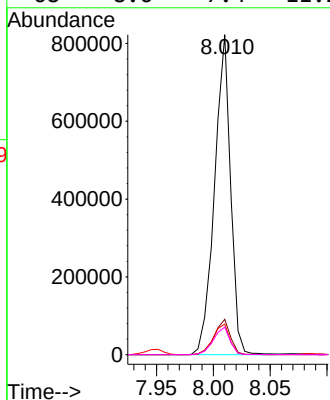
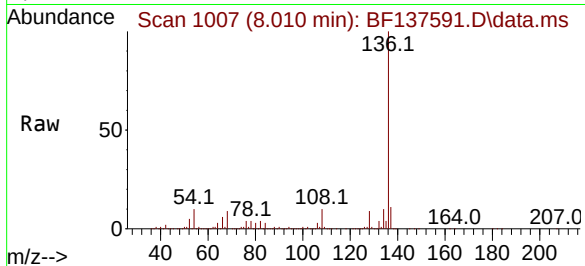




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

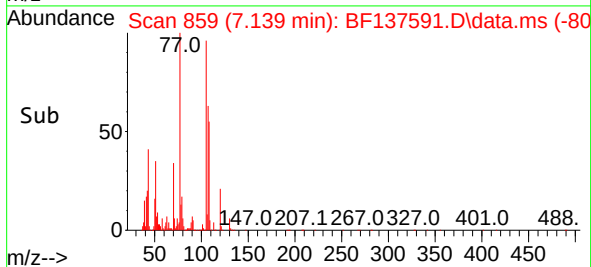
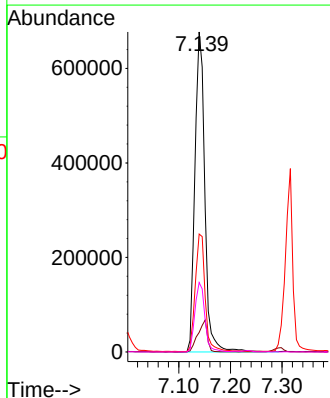
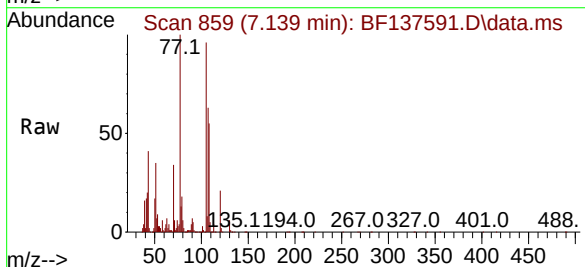
Instrument :
BNA_F
ClientSampleId :
PB159568BS

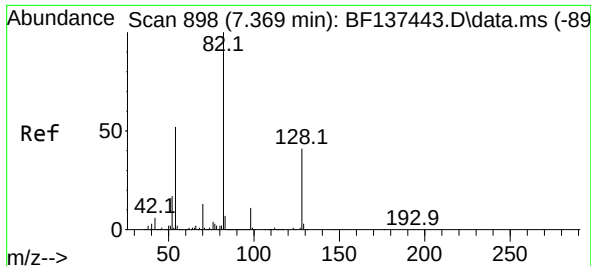
Tgt Ion:136 Resp: 809567
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.6 8.5 12.7
68 8.6 7.4 11.2



#22
Acetophenone
Concen: 46.072 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:105 Resp: 902443
Ion Ratio Lower Upper
105 100
71 6.1 7.7 11.5#
51 36.9 30.4 45.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.902 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

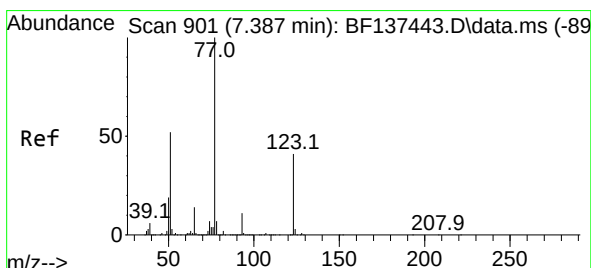
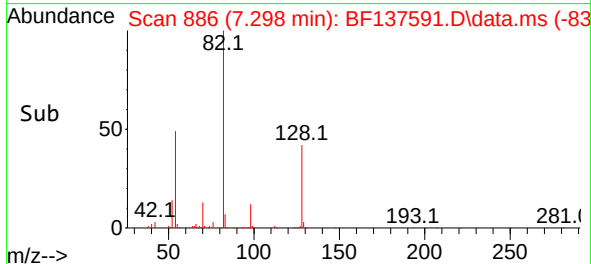
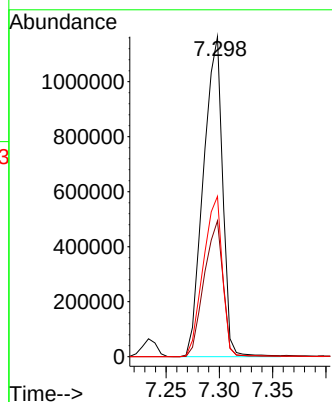
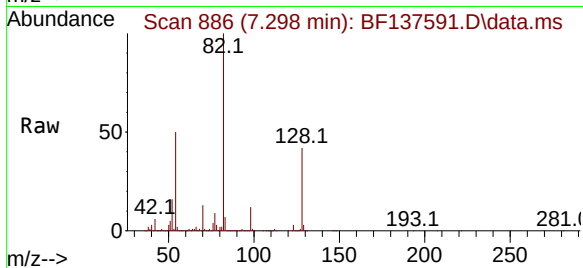
BNA_F

ClientSampleId :

PB159568BS

Tgt Ion: 82 Resp: 1461863

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.5	48.7
54	50.1	41.5	62.3



#24

Nitrobenzene

Concen: 44.093 ng

RT: 7.316 min Scan# 889

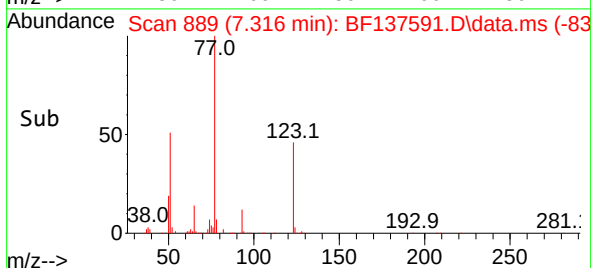
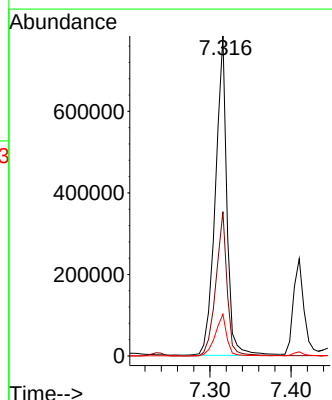
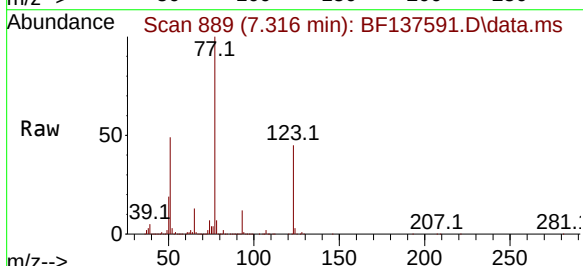
Delta R.T. -0.000 min

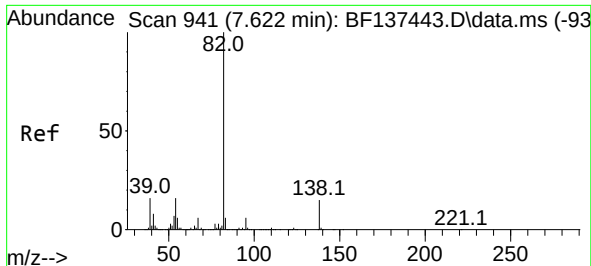
Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Tgt Ion: 77 Resp: 771751

Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.0	49.6
65	13.0	10.9	16.3

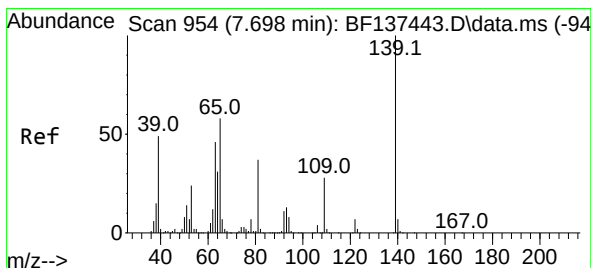
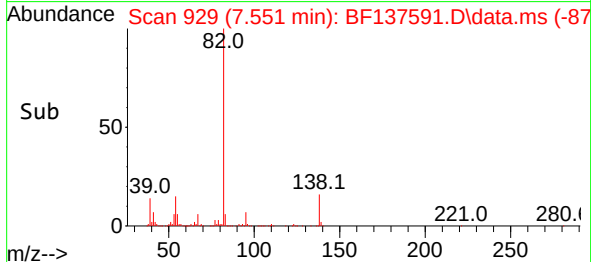
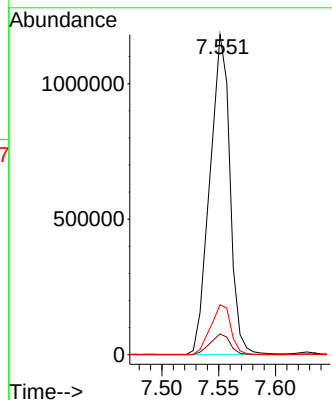
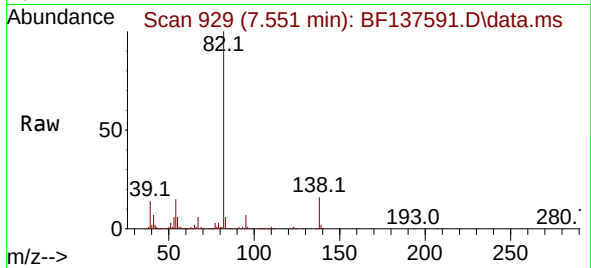




#25
Isophorone
Concen: 43.838 ng
RT: 7.551 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

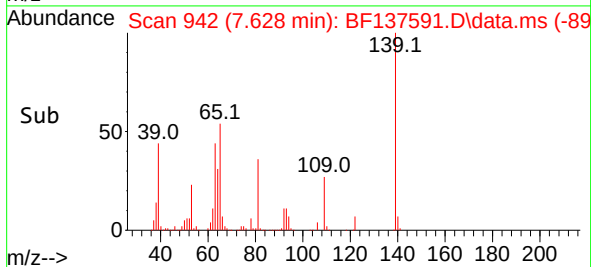
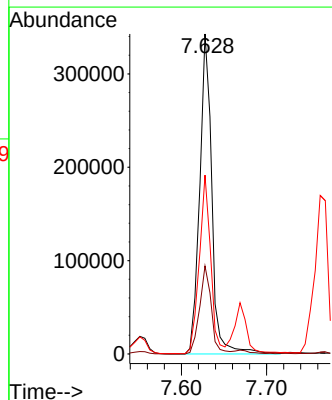
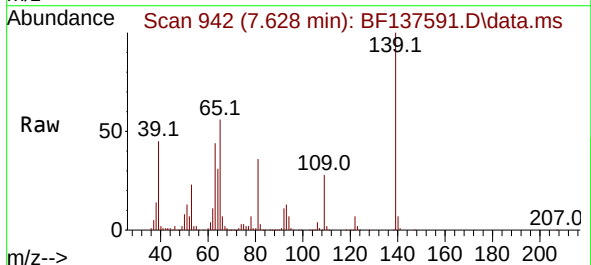
Instrument :
BNA_F
ClientSampleId :
PB159568BS

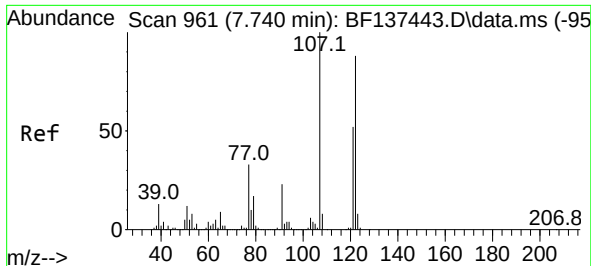
Tgt Ion: 82 Resp: 1451127
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.6 11.8 17.8



#26
2-Nitrophenol
Concen: 49.168 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:139 Resp: 341663
Ion Ratio Lower Upper
139 100
109 27.5 22.2 33.4
65 55.9 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 38.877 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137591.D

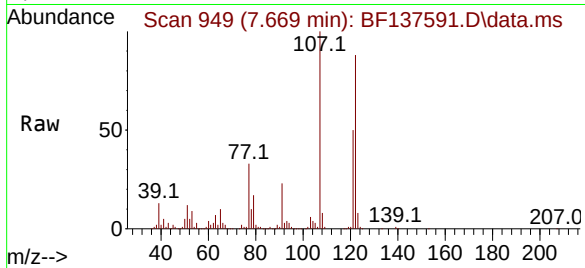
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS



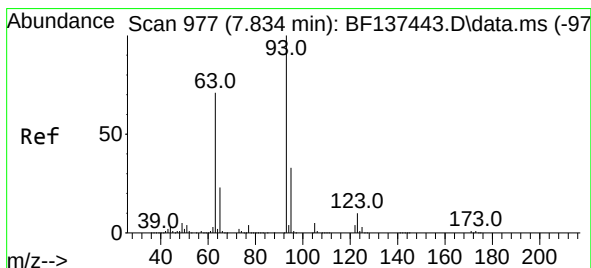
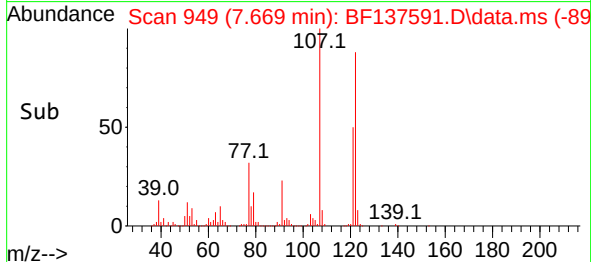
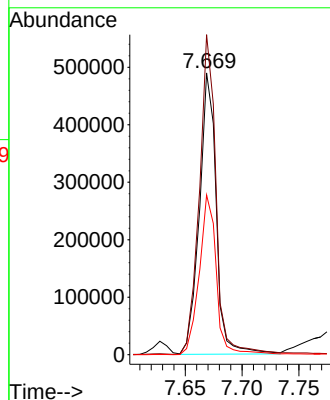
Tgt Ion:122 Resp: 504779

Ion Ratio Lower Upper

122 100

107 113.6 90.9 136.3

121 56.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.960 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

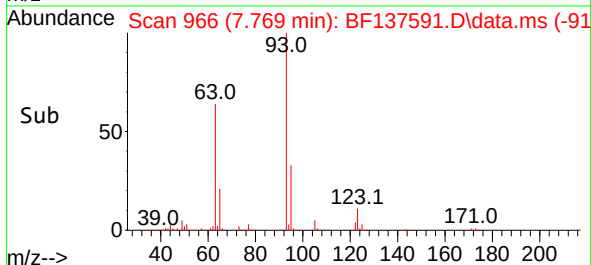
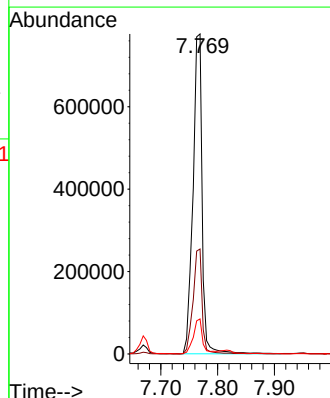
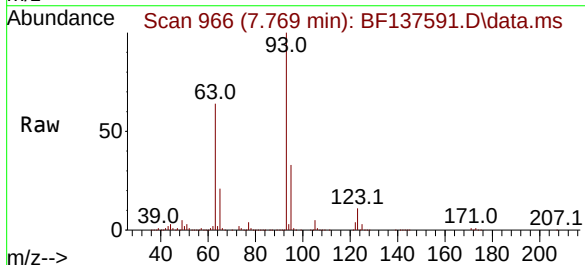
Tgt Ion: 93 Resp: 873210

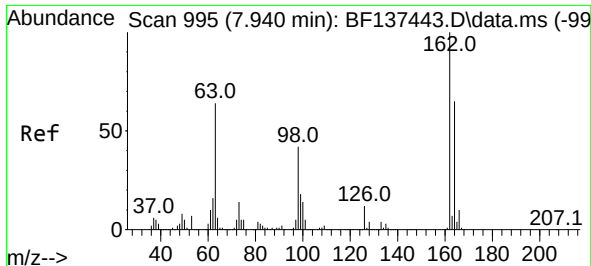
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 11.0 8.0 12.0

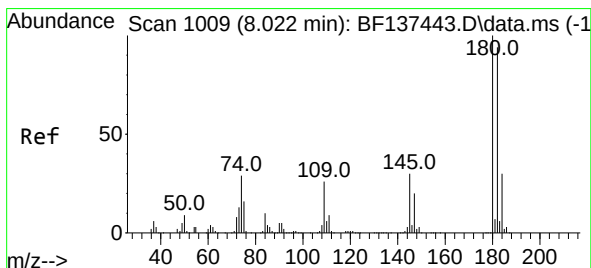
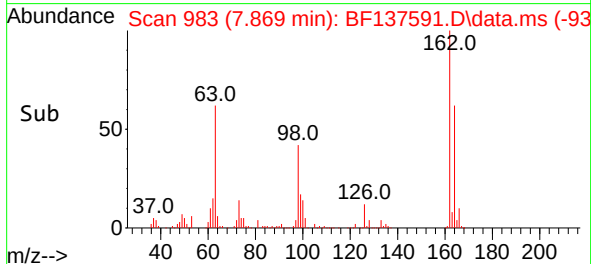
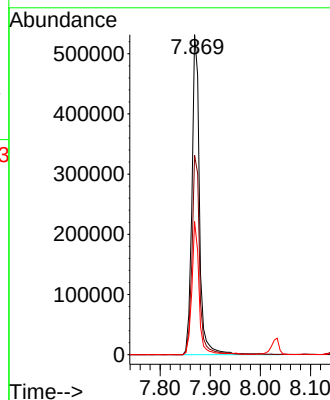
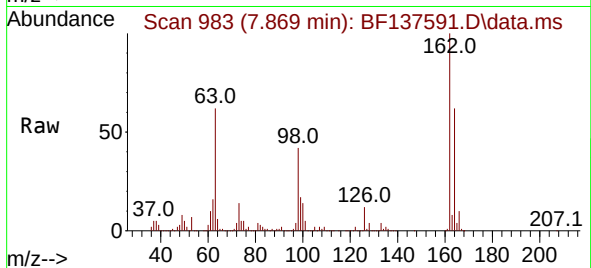




#29
2,4-Dichlorophenol
Concen: 46.881 ng
RT: 7.869 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

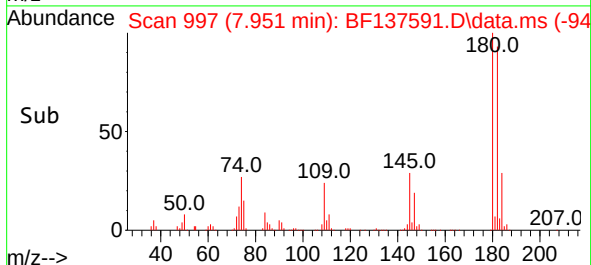
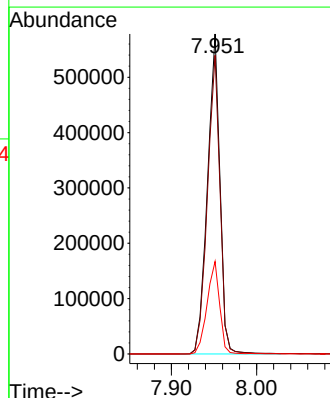
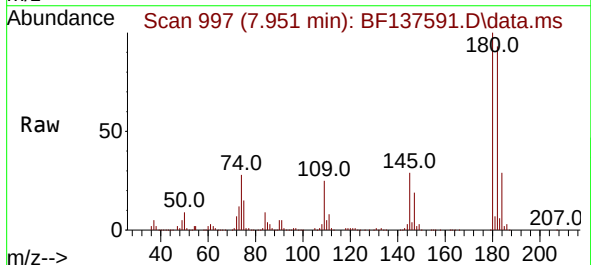
Instrument :
BNA_F
ClientSampleId :
PB159568BS

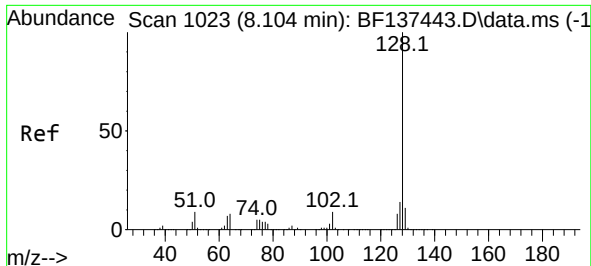
Tgt Ion:162 Resp: 558655
Ion Ratio Lower Upper
162 100
164 62.3 44.7 84.7
98 41.6 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 46.794 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:180 Resp: 586808
Ion Ratio Lower Upper
180 100
182 93.4 75.0 112.6
145 28.9 23.7 35.5

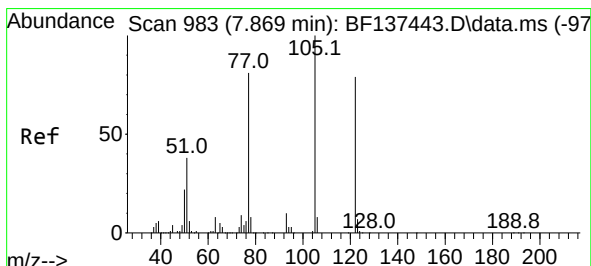
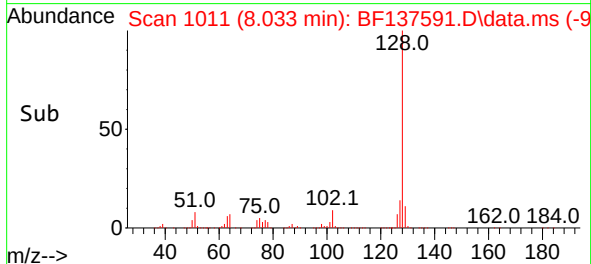
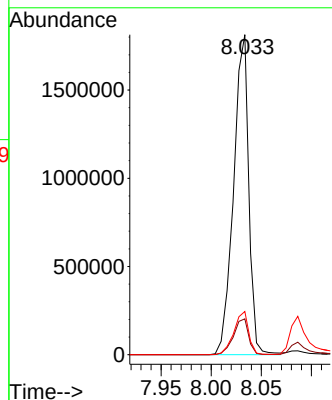
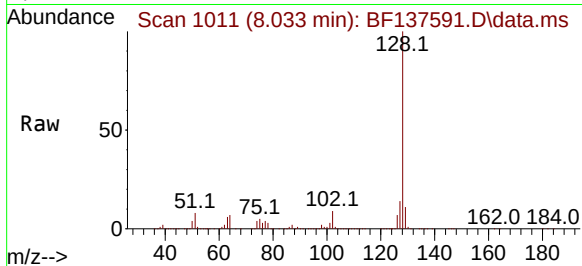




#31
Naphthalene
Concen: 44.092 ng
RT: 8.033 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

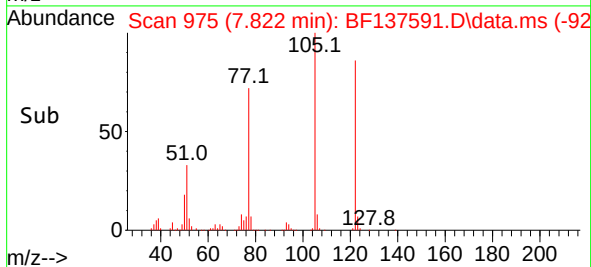
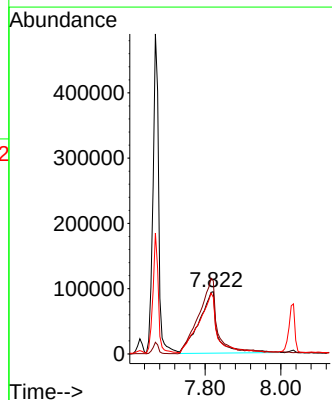
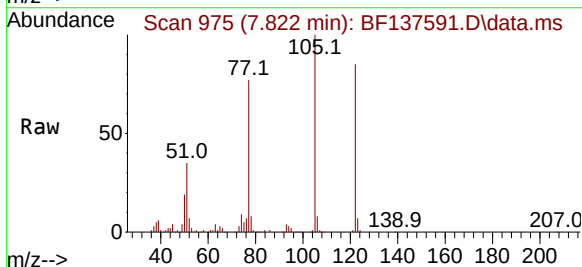
Instrument :
BNA_F
ClientSampleId :
PB159568BS

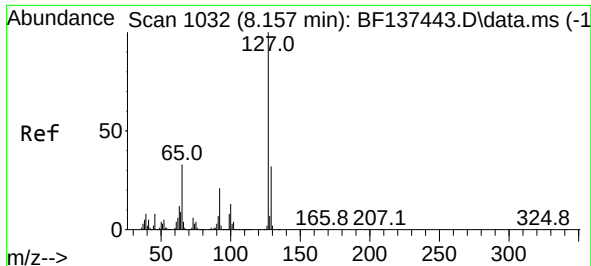
Tgt Ion:128 Resp: 1915184
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 44.130 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.023 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:122 Resp: 325601
Ion Ratio Lower Upper
122 100
105 117.5 102.4 142.4
77 91.0 81.1 121.1

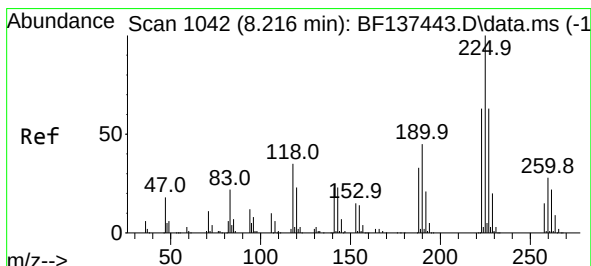
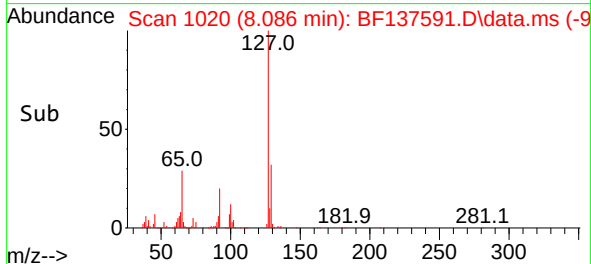
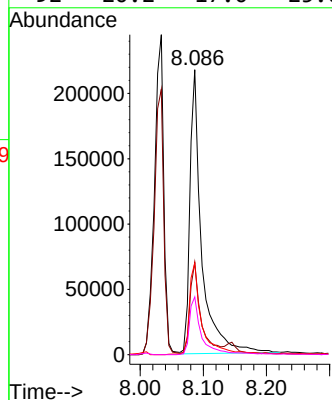
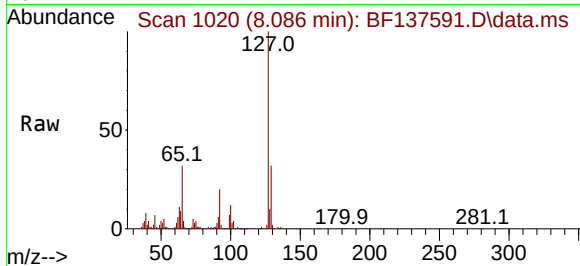




#33
4-Chloroaniline
Concen: 16.595 ng
RT: 8.086 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

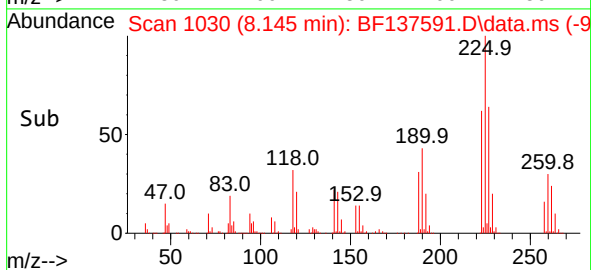
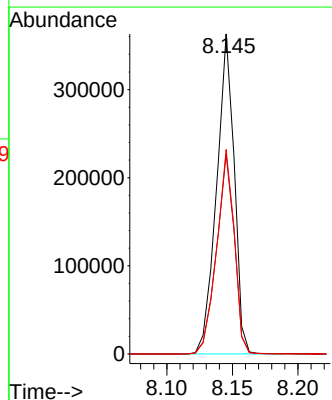
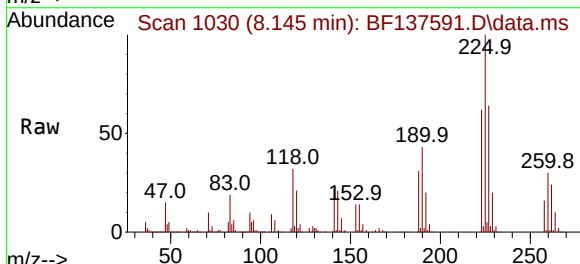
Instrument :
BNA_F
ClientSampleId :
PB159568BS

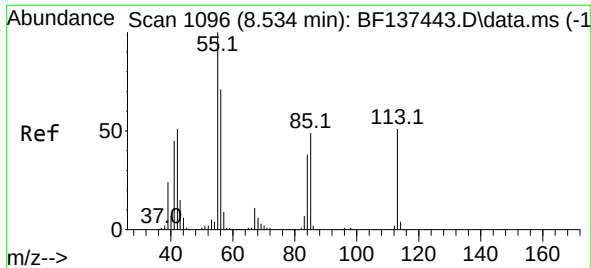
Tgt Ion:127	Resp: 282643
Ion Ratio	Lower Upper
127 100	
129 32.4	26.0 39.0
65 32.2	26.8 40.2
92 20.2	17.0 25.6



#34
Hexachlorobutadiene
Concen: 45.847 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:225	Resp: 339428		
Ion Ratio	Lower	Upper	
225 100			
223 62.5	50.7	76.1	
227 63.9	50.6	75.8	

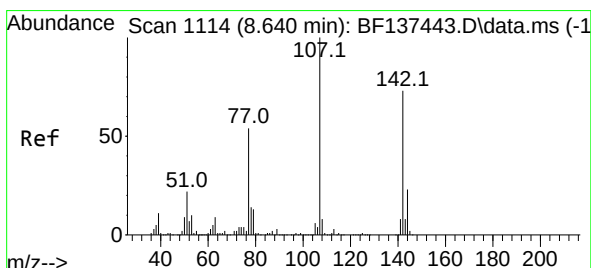
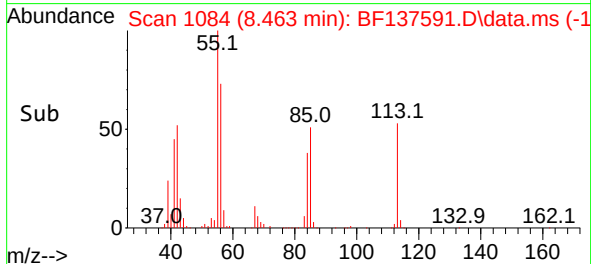
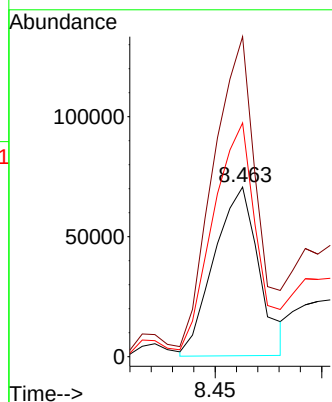
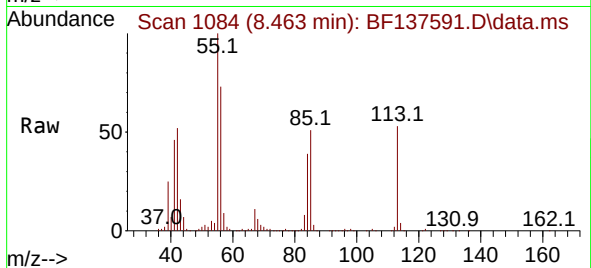




#35
 Caprolactam
 Concen: 25.419 ng
 RT: 8.463 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137591.D
 Acq: 14 Mar 2024 15:31

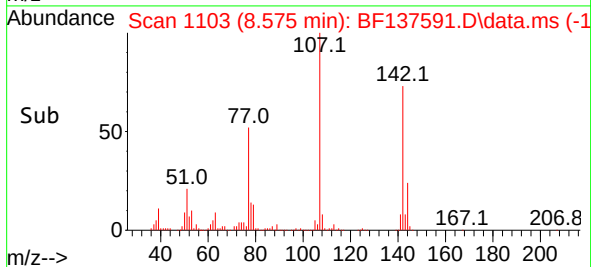
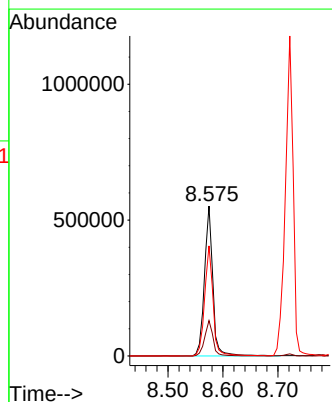
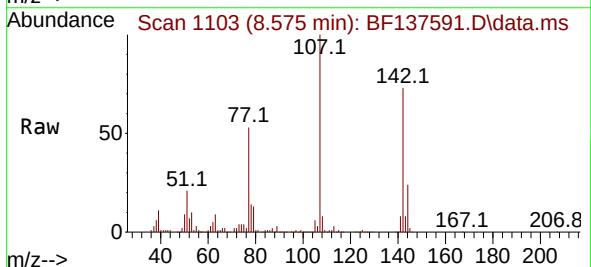
Instrument :
 BNA_F
 ClientSampleId :
 PB159568BS

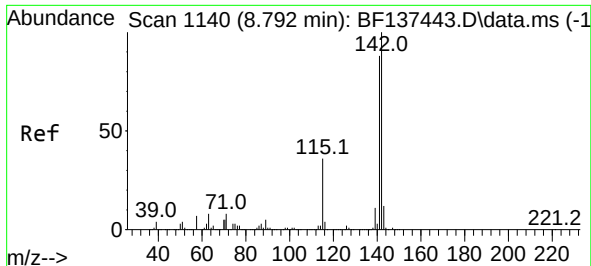
Tgt Ion:113 Resp: 102712
 Ion Ratio Lower Upper
 113 100
 55 188.7 176.7 216.7
 56 137.8 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.036 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137591.D
 Acq: 14 Mar 2024 15:31

Tgt Ion:107 Resp: 586565
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 73.4 58.2 87.2

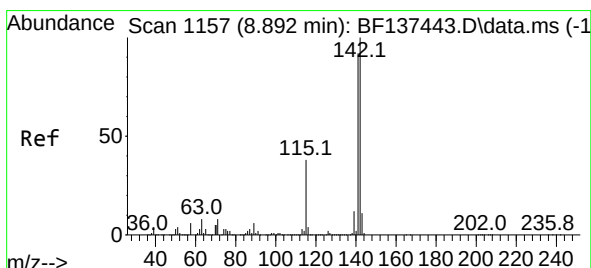
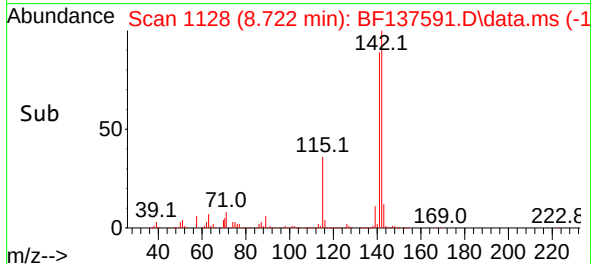
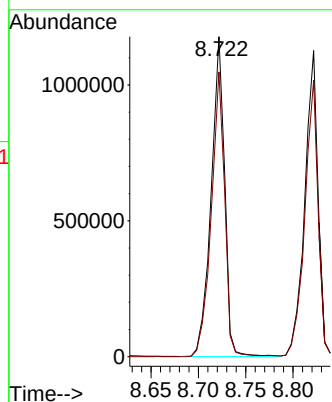
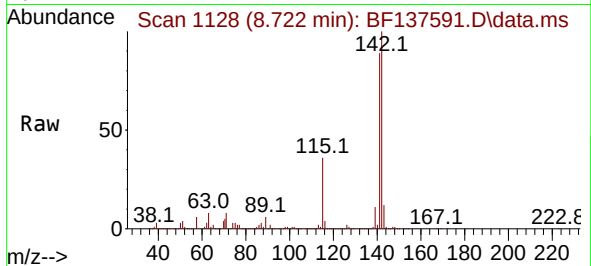




#37
2-Methylnaphthalene
Concen: 41.938 ng
RT: 8.722 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

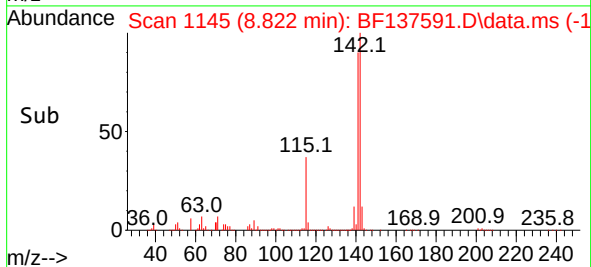
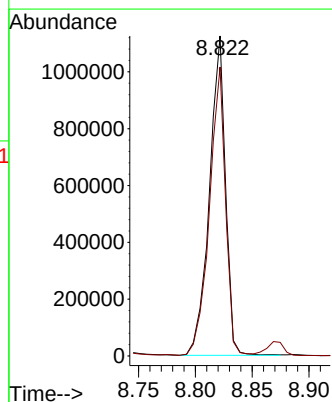
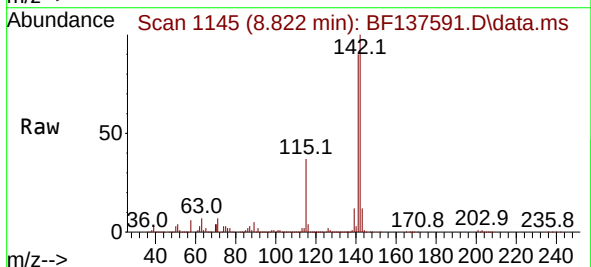
Instrument :
BNA_F
ClientSampleId :
PB159568BS

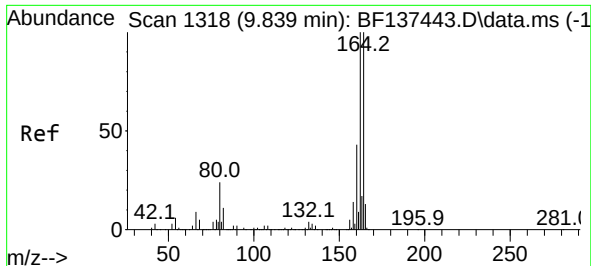
Tgt Ion:142 Resp: 1161263
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.366 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:142 Resp: 1104773
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

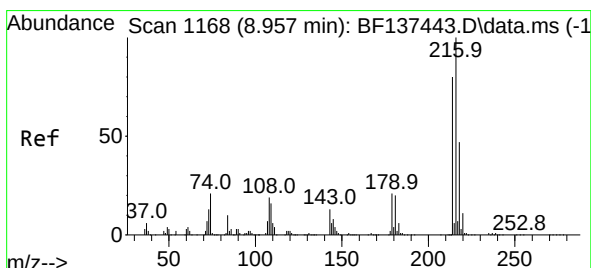
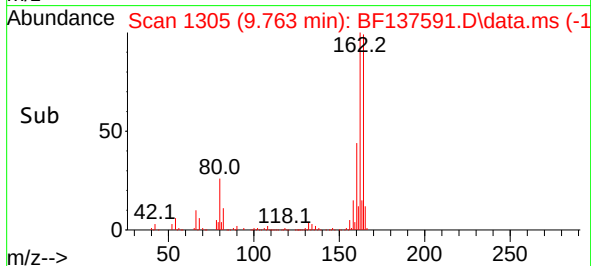
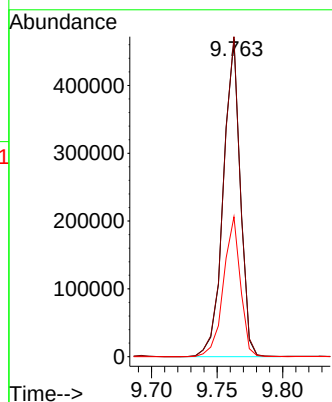
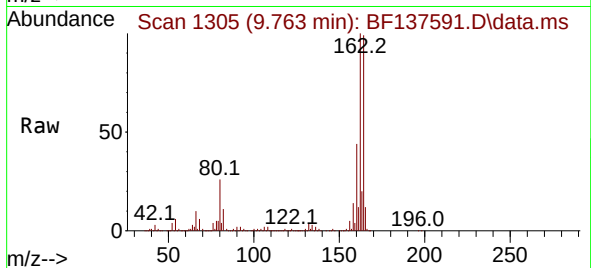
Tgt Ion:164 Resp: 419555

Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.8

160 44.1 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.742 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Tgt Ion:216 Resp: 570909

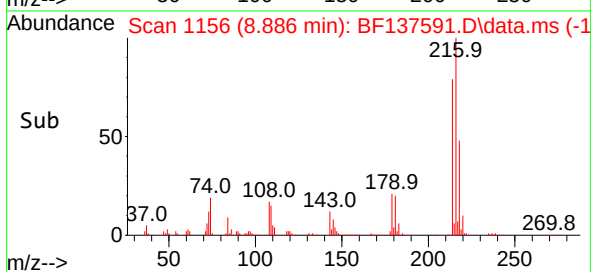
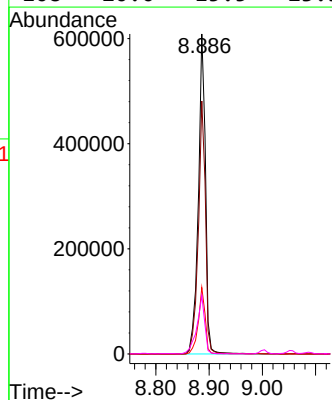
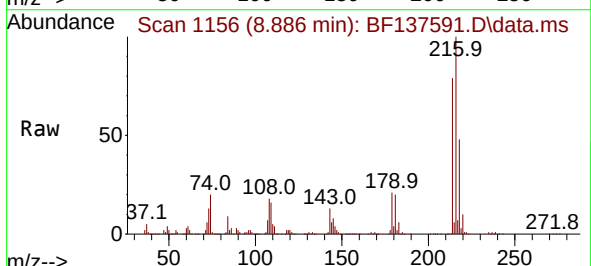
Ion Ratio Lower Upper

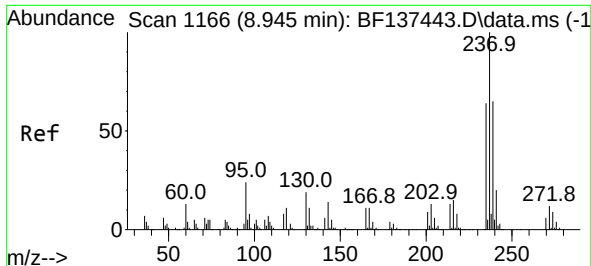
216 100

214 78.8 63.5 95.3

179 20.1 16.6 25.0

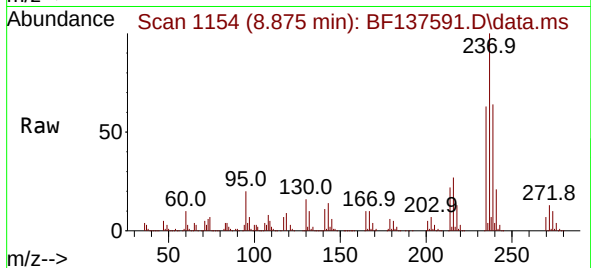
108 20.0 15.5 23.3



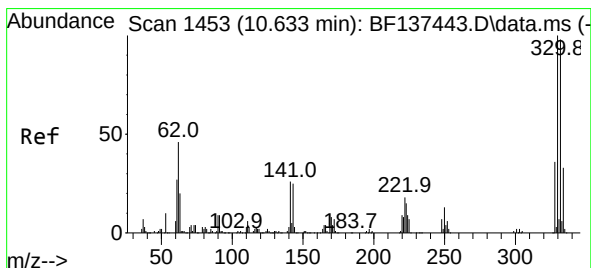
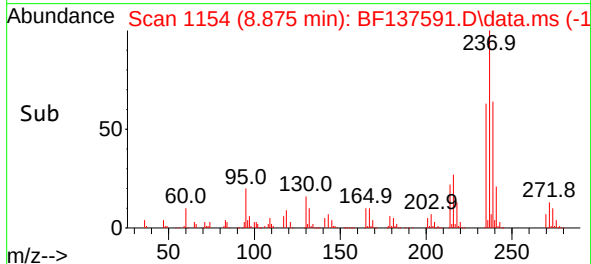
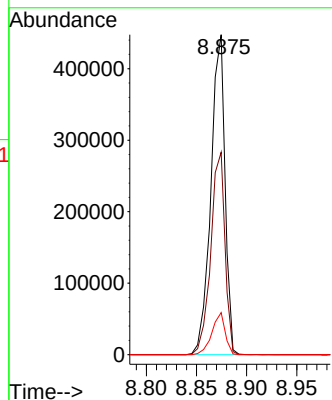


#41
Hexachlorocyclopentadiene
Concen: 90.853 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

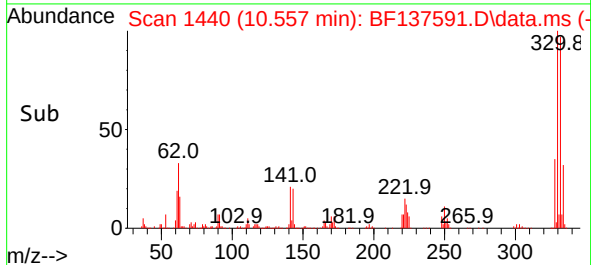
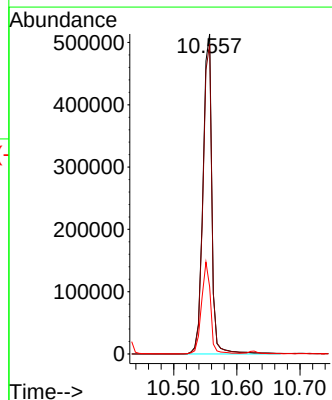
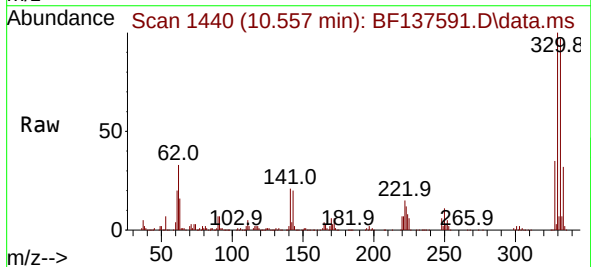


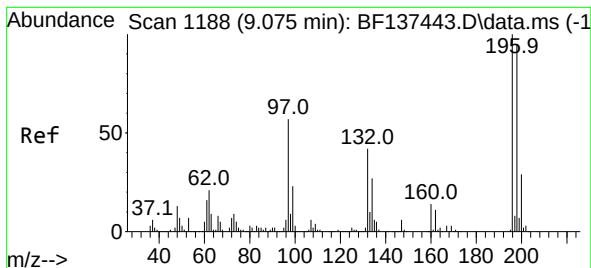
Tgt Ion:237 Resp: 440233
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 13.2 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 136.225 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:330 Resp: 501911
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 28.9 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 47.499 ng

RT: 9.004 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

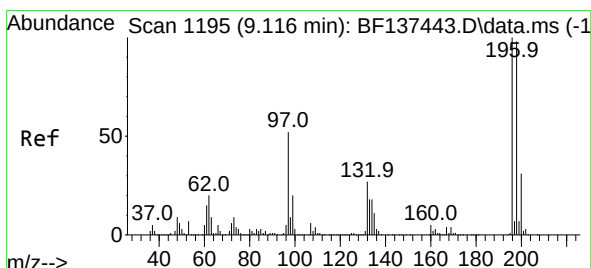
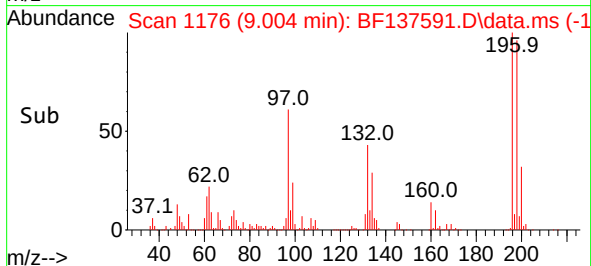
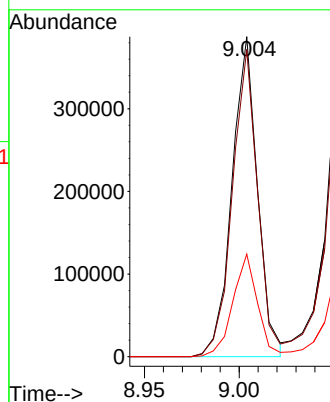
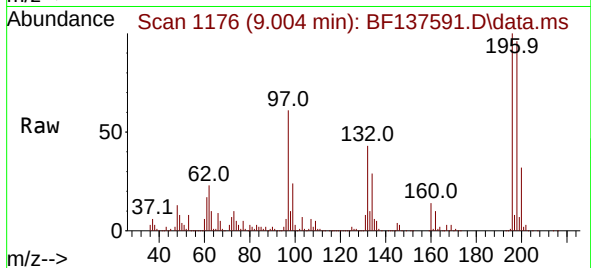
Tgt Ion:196 Resp: 362296

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.8

200 32.0 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 45.261 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.017 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Tgt Ion:196 Resp: 397683

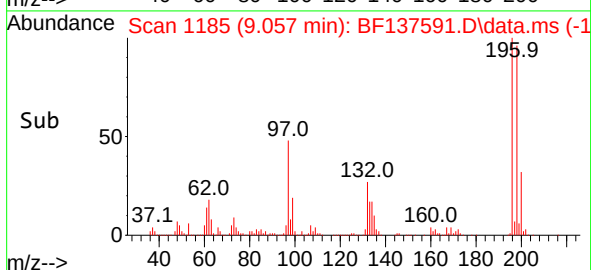
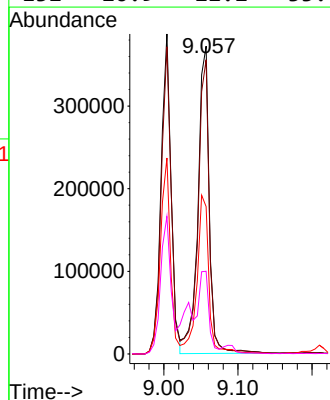
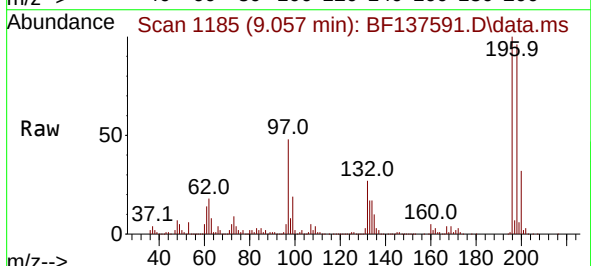
Ion Ratio Lower Upper

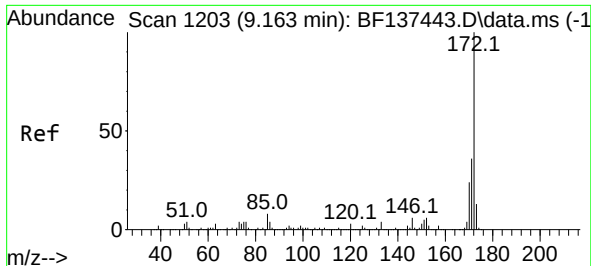
196 100

198 95.6 78.6 117.8

97 47.9 41.8 62.8

132 26.9 22.2 33.4

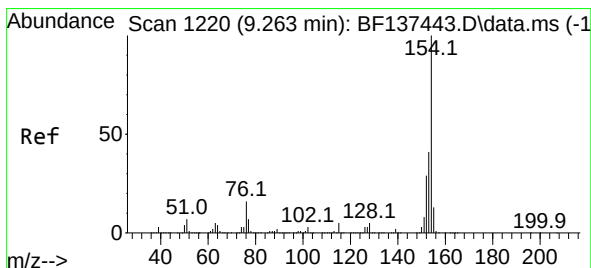
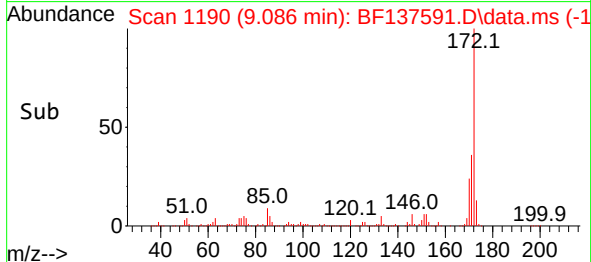
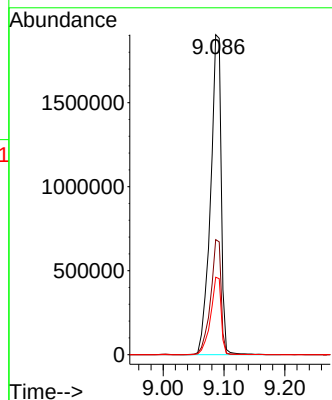
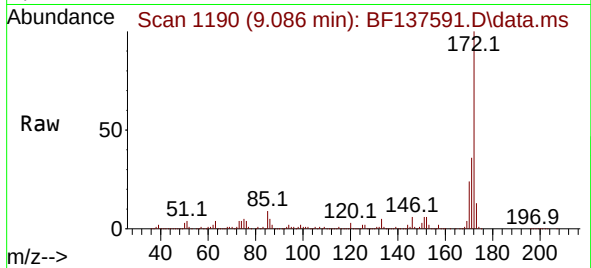




#45
2-Fluorobiphenyl
Concen: 86.582 ng
RT: 9.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

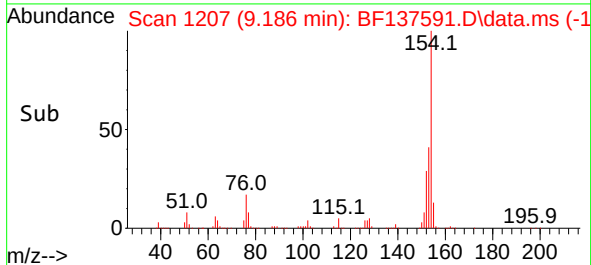
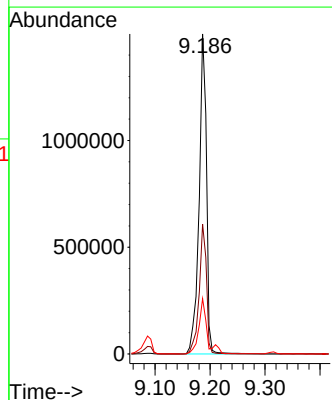
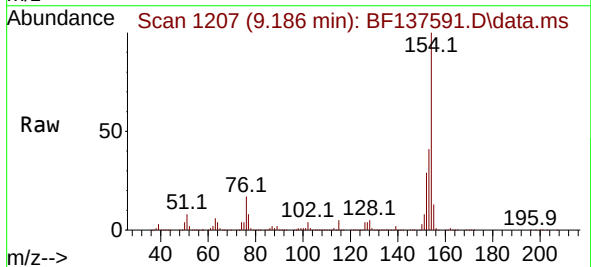
Instrument :
BNA_F
ClientSampleId :
PB159568BS

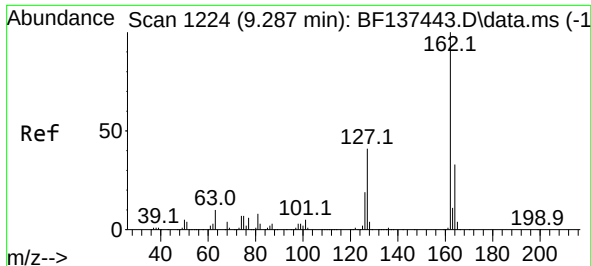
Tgt Ion:172 Resp: 2320613
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.865 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:154 Resp: 1408408
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 17.3 0.0 35.8





#47

2-Chloronaphthalene

Concen: 47.546 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

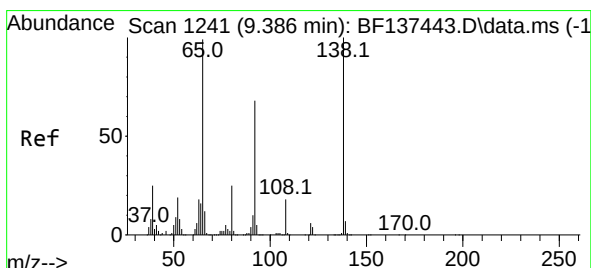
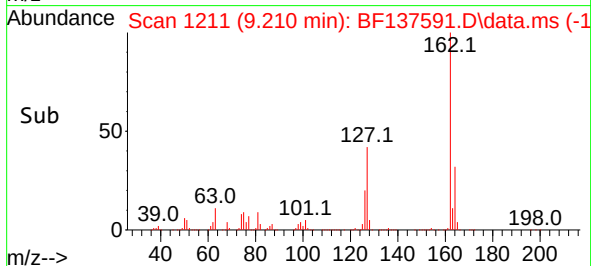
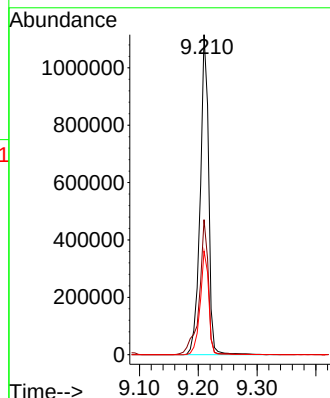
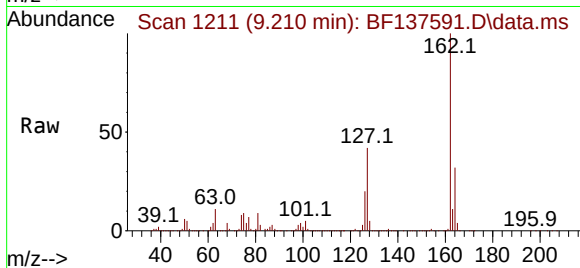
Tgt Ion:162 Resp: 1113154

Ion Ratio Lower Upper

162 100

127 42.2 32.6 49.0

164 32.4 26.5 39.7



#48

2-Nitroaniline

Concen: 47.719 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

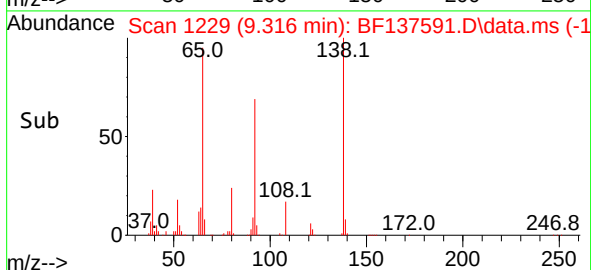
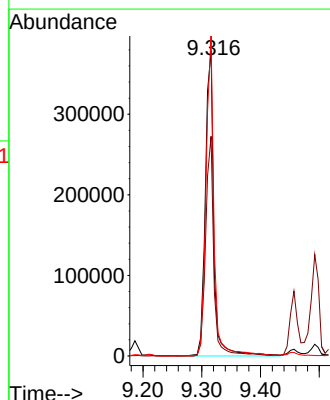
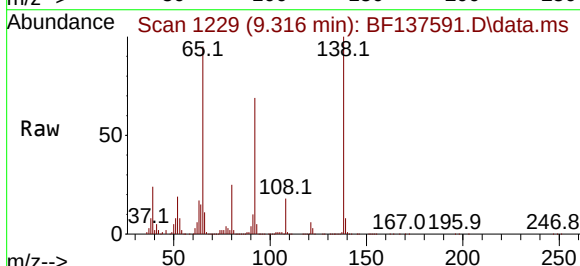
Tgt Ion: 65 Resp: 379728

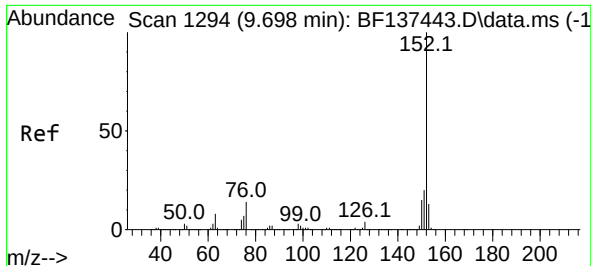
Ion Ratio Lower Upper

65 100

92 72.0 55.4 83.2

138 104.8 81.0 121.6

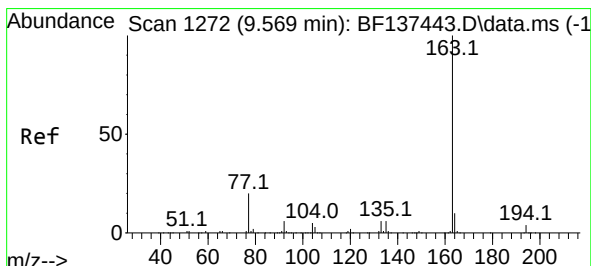
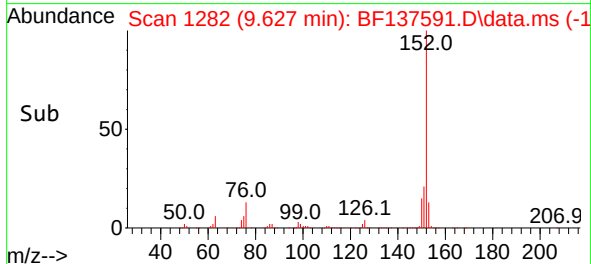
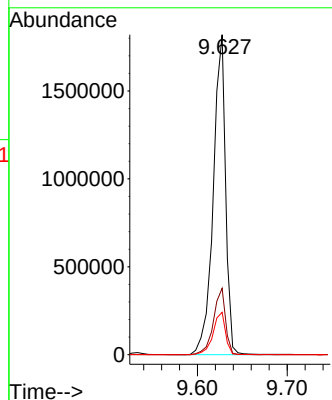
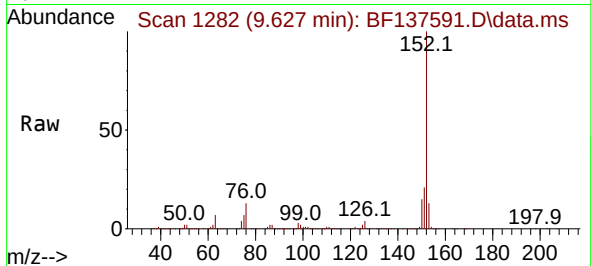




#49
Acenaphthylene
Concen: 46.479 ng
RT: 9.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

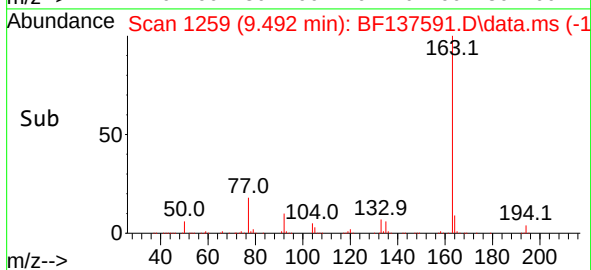
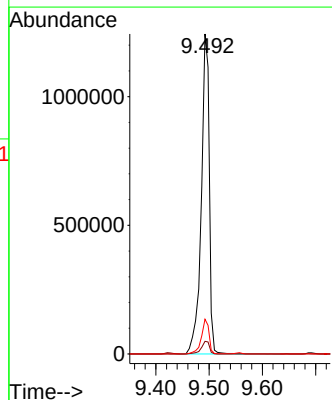
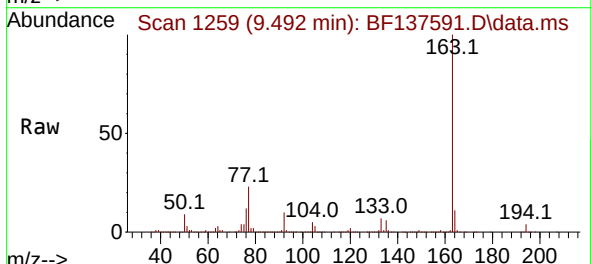
Instrument :
BNA_F
ClientSampleId :
PB159568BS

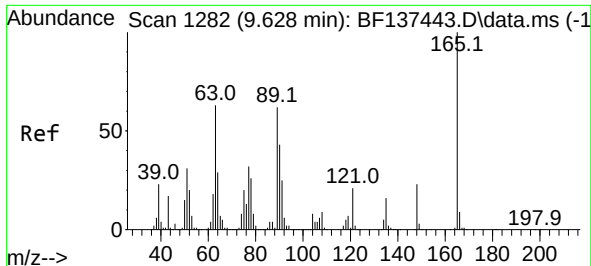
Tgt Ion:152 Resp: 1741453
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 44.480 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:163 Resp: 1299088
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.8 8.1 12.1

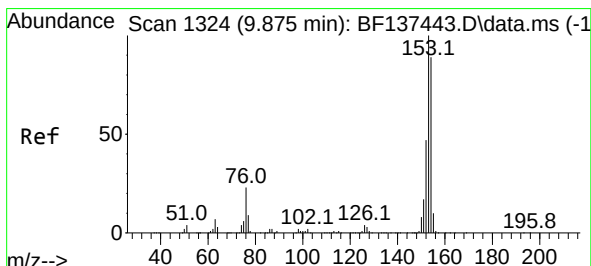
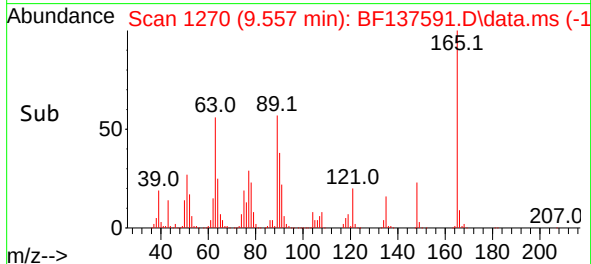
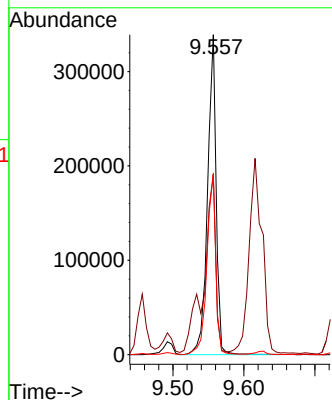
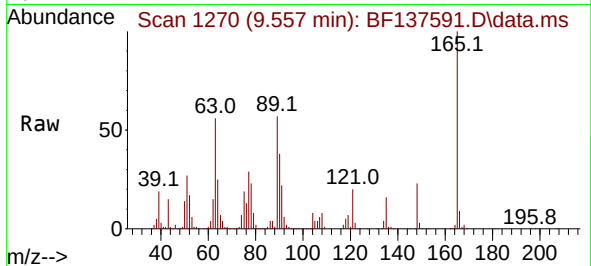




#51
2,6-Dinitrotoluene
Concen: 47.008 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

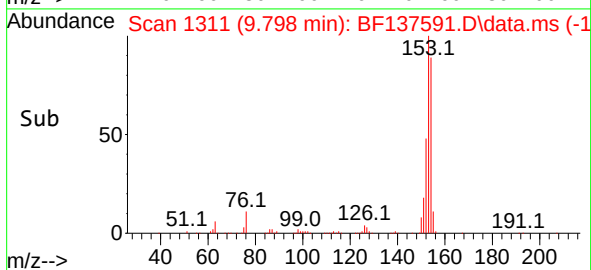
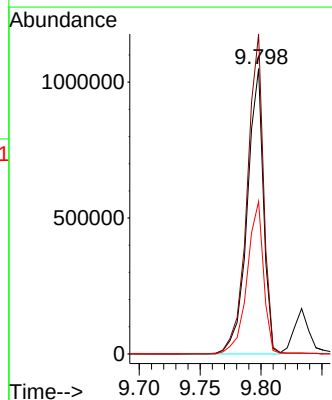
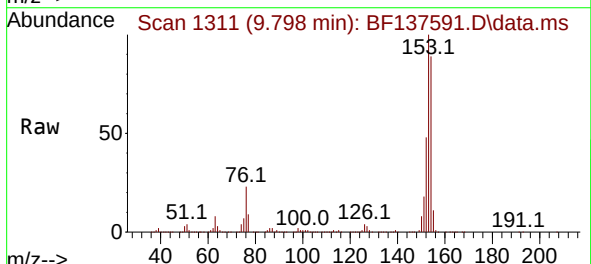
Instrument :
BNA_F
ClientSampleId :
PB159568BS

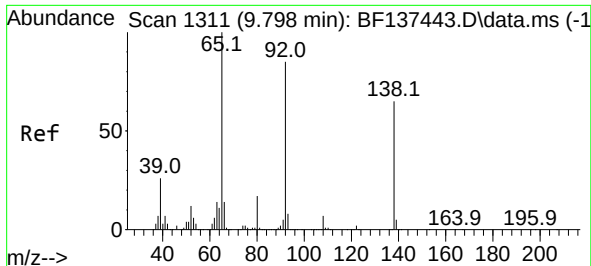
Tgt Ion:165 Resp: 287161
Ion Ratio Lower Upper
165 100
63 56.3 50.7 76.1
89 56.6 50.0 75.0



#52
Acenaphthene
Concen: 43.779 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:154 Resp: 979267
Ion Ratio Lower Upper
154 100
153 112.1 90.3 135.5
152 53.4 42.7 64.1

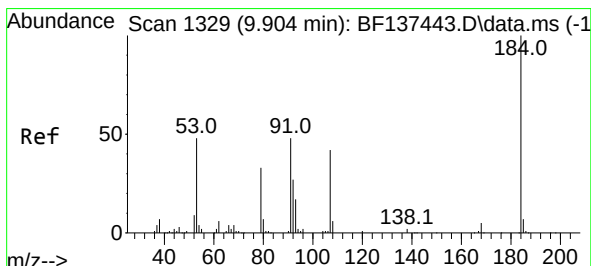
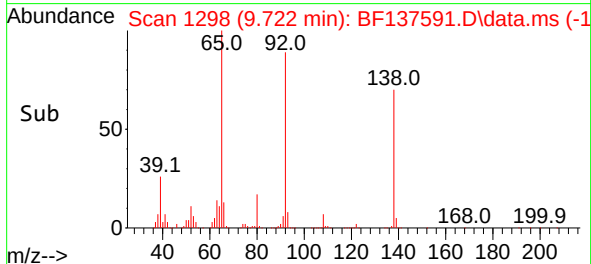
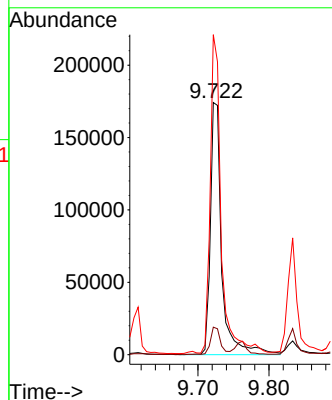
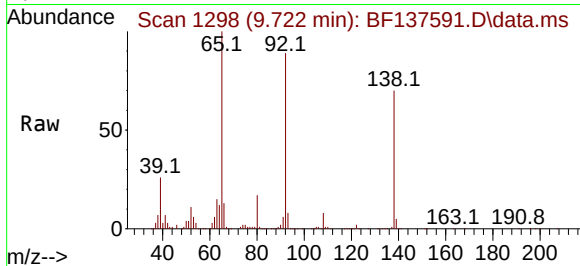




#53
3-Nitroaniline
Concen: 30.121 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

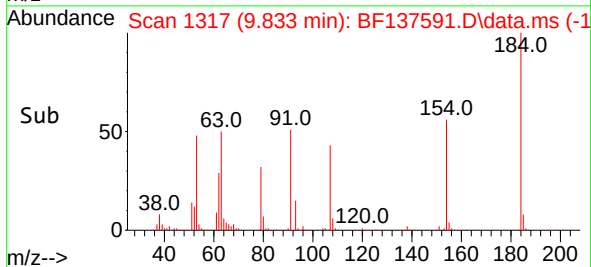
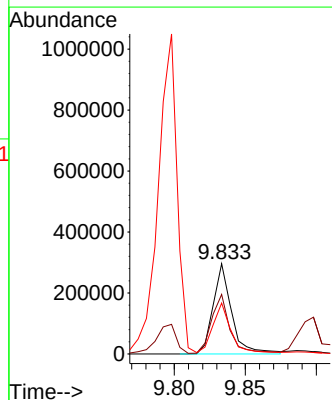
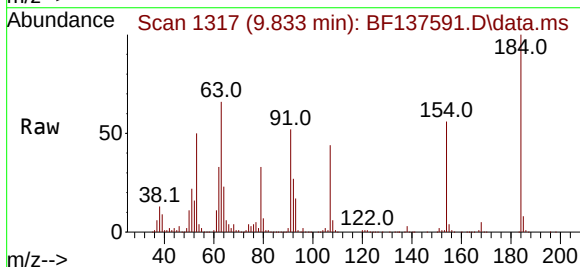
Instrument :
BNA_F
ClientSampleId :
PB159568BS

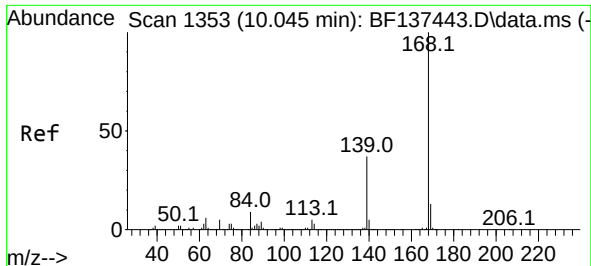
Tgt Ion:138 Resp: 194625
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 126.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 89.198 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:184 Resp: 268905
Ion Ratio Lower Upper
184 100
63 65.9 53.3 79.9
154 56.4 47.4 71.0

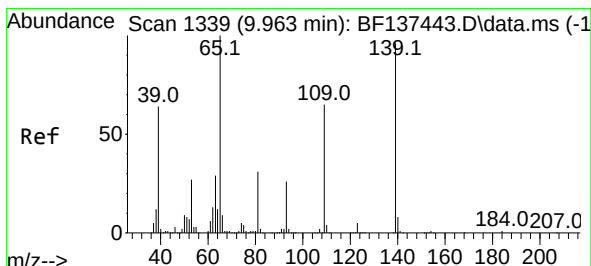
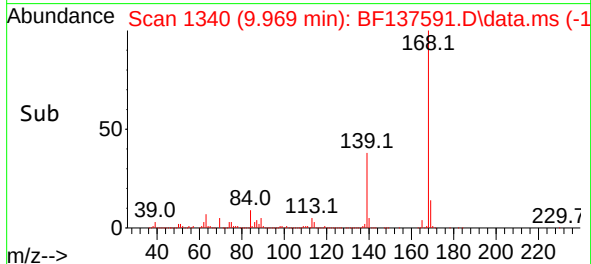
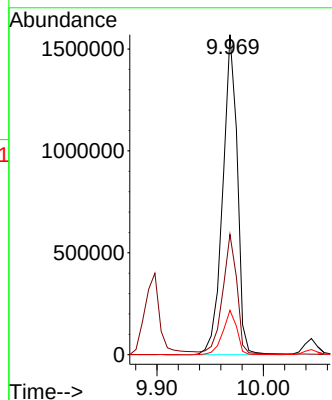
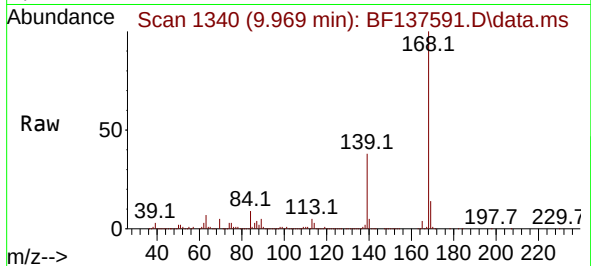




#55
Dibenzofuran
Concen: 43.565 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

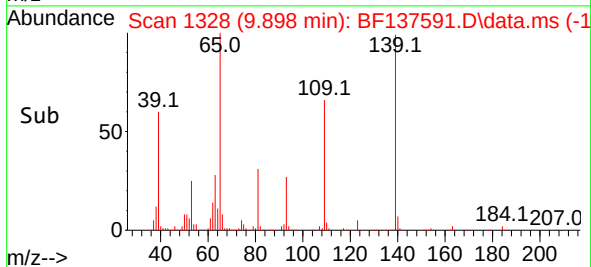
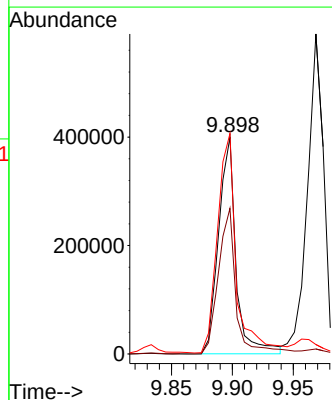
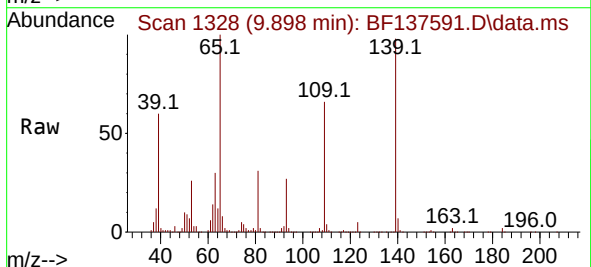
Instrument :
BNA_F
ClientSampleId :
PB159568BS

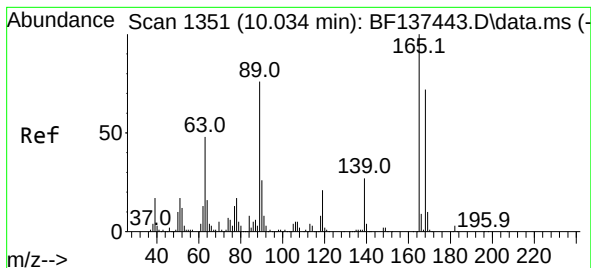
Tgt Ion:168 Resp: 1484210
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 86.765 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:139 Resp: 400721
Ion Ratio Lower Upper
139 100
109 67.2 47.1 87.1
65 101.7 85.1 125.1

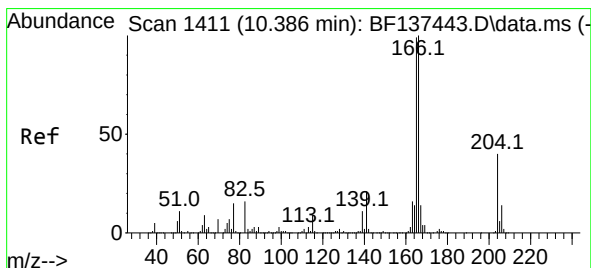
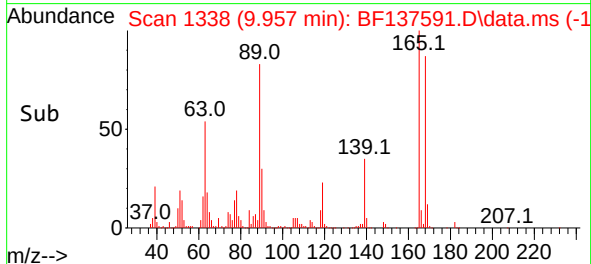
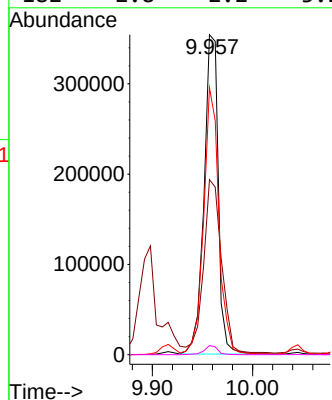
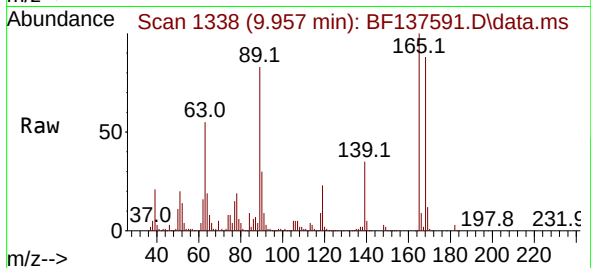




#57
2,4-Dinitrotoluene
Concen: 46.911 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

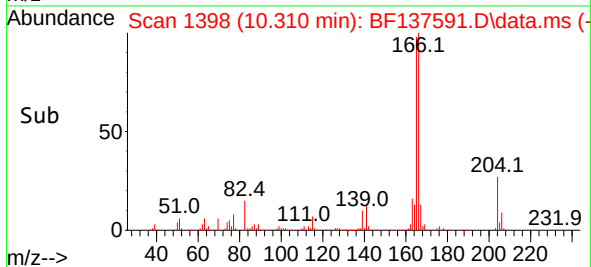
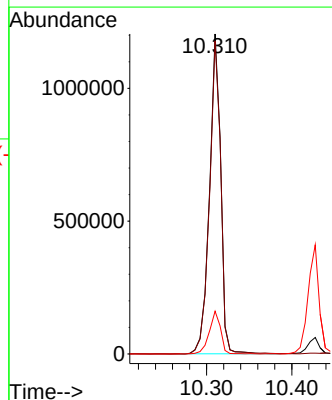
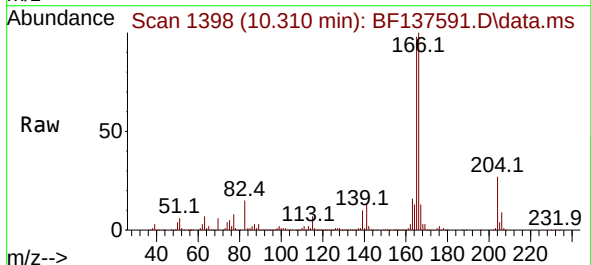
Instrument :
BNA_F
ClientSampleId :
PB159568BS

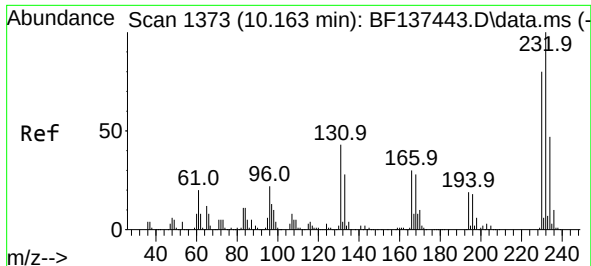
Tgt Ion:165 Resp: 352065
Ion Ratio Lower Upper
165 100
63 54.7 39.0 58.6
89 83.4 60.9 91.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.113 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:166 Resp: 1101864
Ion Ratio Lower Upper
166 100
165 97.9 79.2 118.8
167 13.4 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.545 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

Tgt Ion:232 Resp: 313864

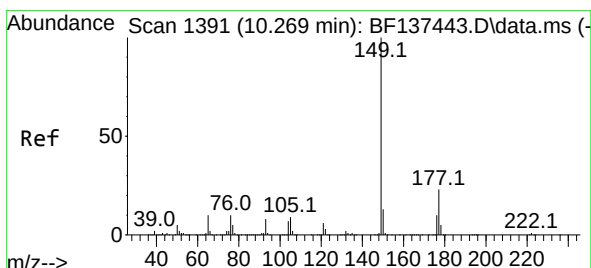
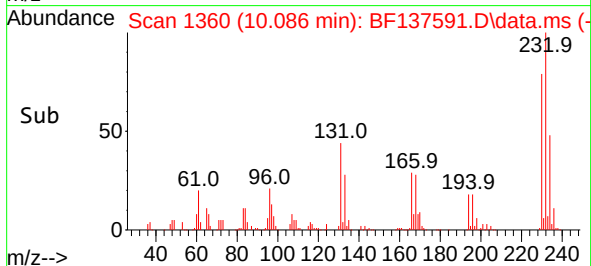
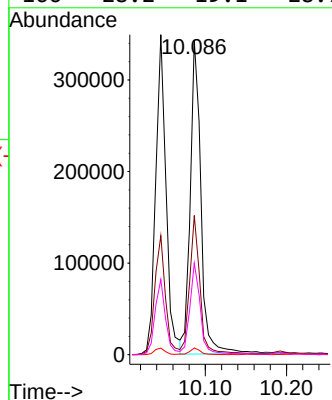
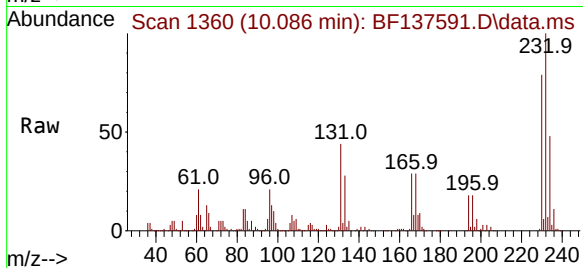
Ion Ratio Lower Upper

232 100

131 43.5 31.2 46.8

130 2.2 1.8 2.6

166 28.2 19.1 28.7



#60

Diethylphthalate

Concen: 43.327 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

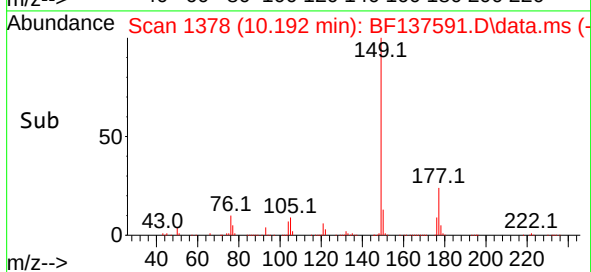
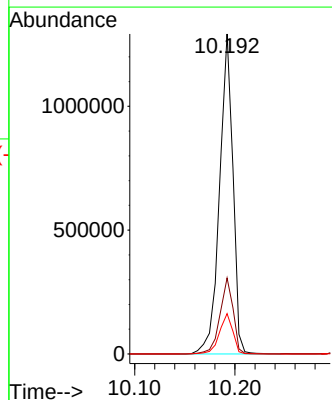
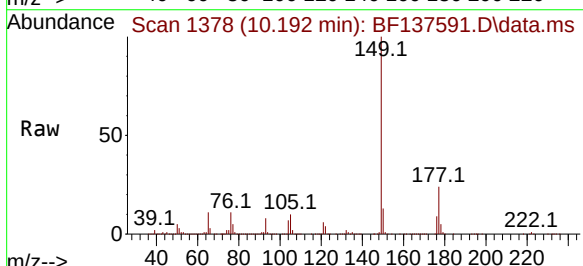
Tgt Ion:149 Resp: 1194961

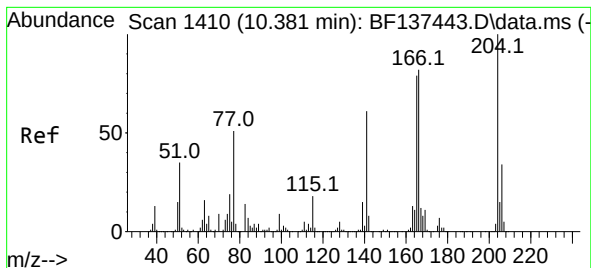
Ion Ratio Lower Upper

149 100

177 23.7 18.7 28.1

150 12.6 10.2 15.4

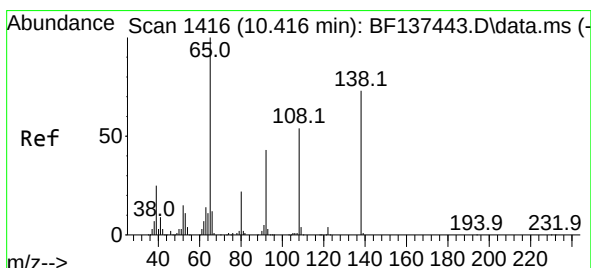
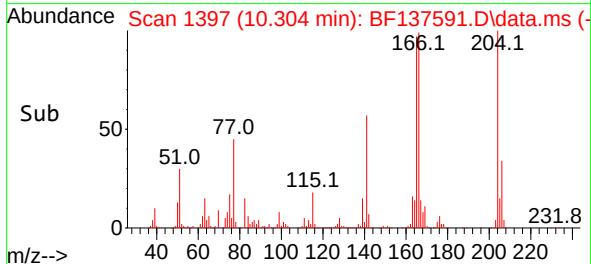
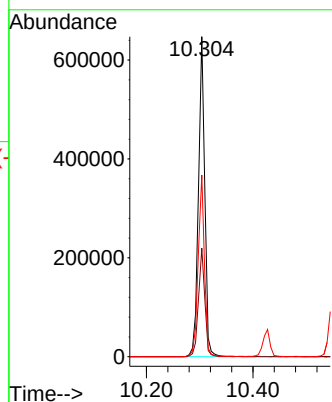
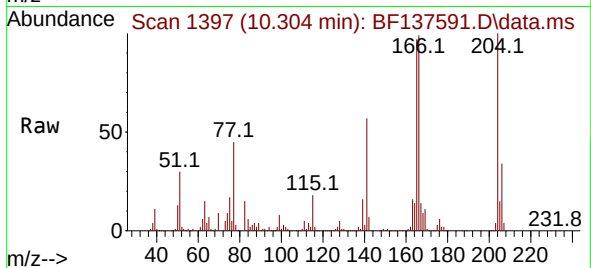




#61
4-Chlorophenyl-phenylether
Concen: 41.447 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

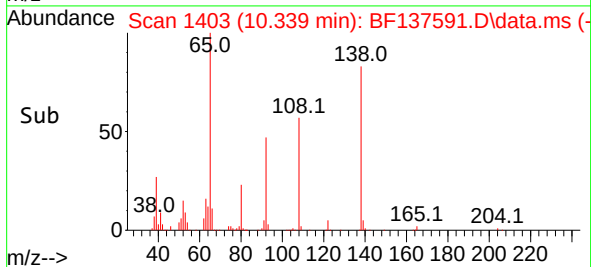
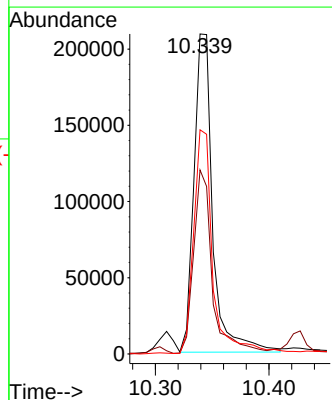
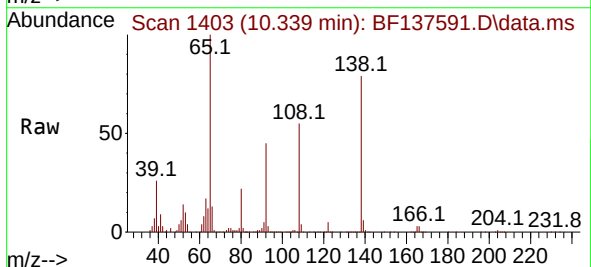
Instrument :
BNA_F
ClientSampleId :
PB159568BS

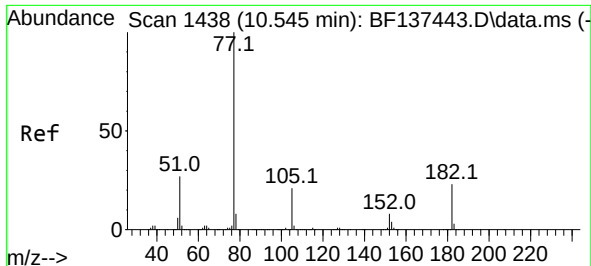
Tgt Ion:204 Resp: 531472
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.0
141 56.8 48.4 72.6



#62
4-Nitroaniline
Concen: 43.312 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:138 Resp: 240534
Ion Ratio Lower Upper
138 100
92 57.5 37.9 77.9
108 70.0 53.2 93.2

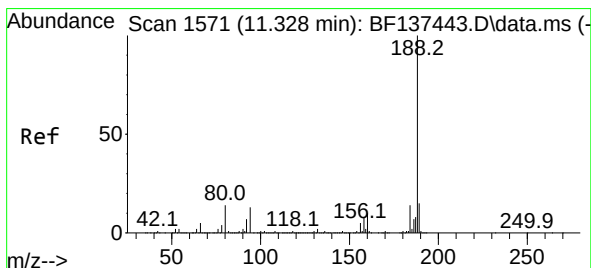
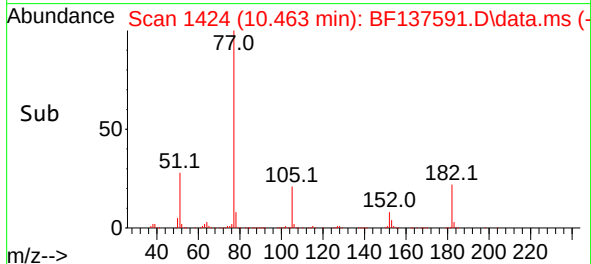
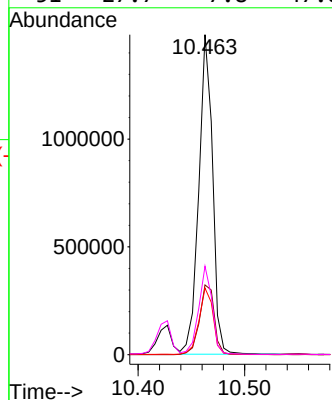
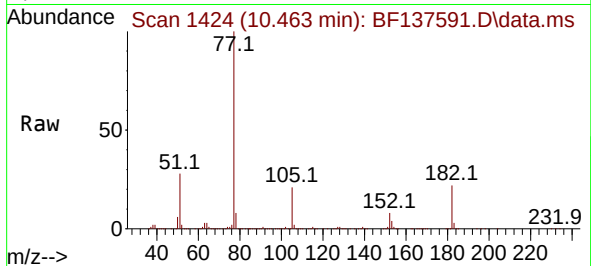




#63
Azobenzene
Concen: 42.056 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

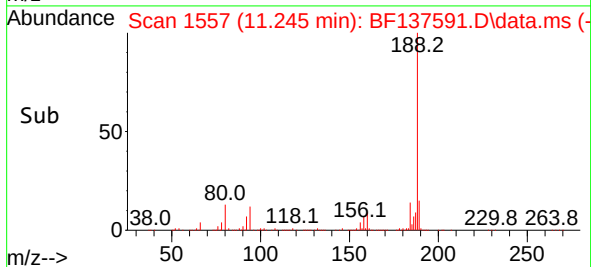
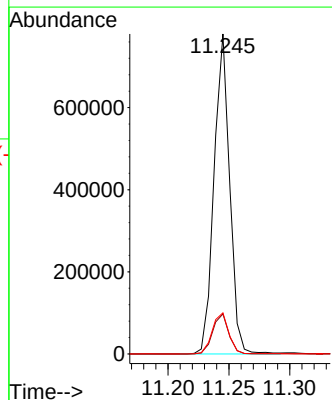
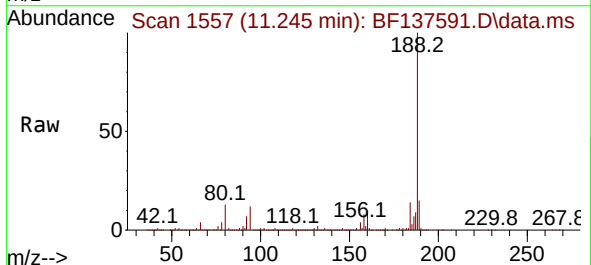
Instrument :
BNA_F
ClientSampleId :
PB159568BS

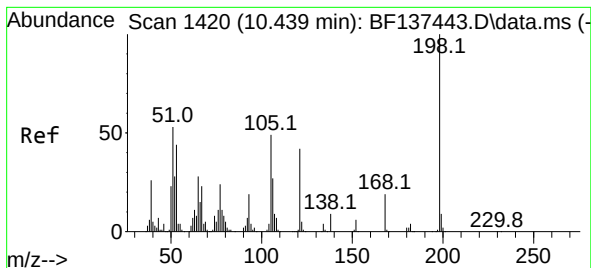
Tgt Ion: 77 Resp: 1335604
Ion Ratio Lower Upper
77 100
182 21.8 3.2 43.2
105 20.8 1.2 41.2
51 27.7 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion: 188 Resp: 694285
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 12.8 11.5 17.3

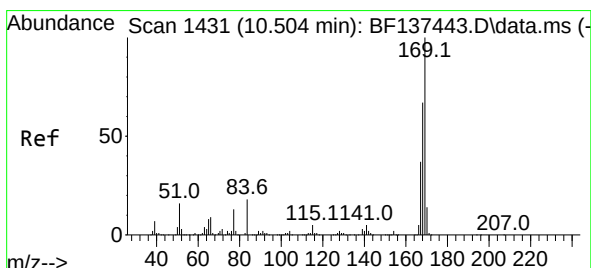
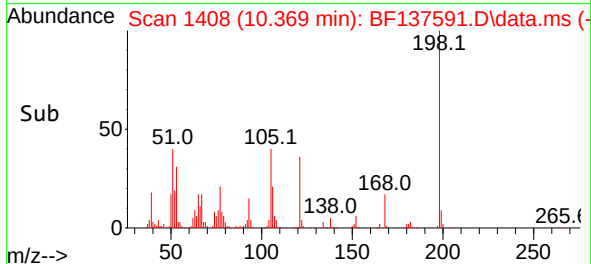
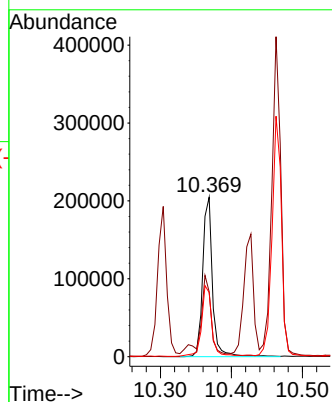
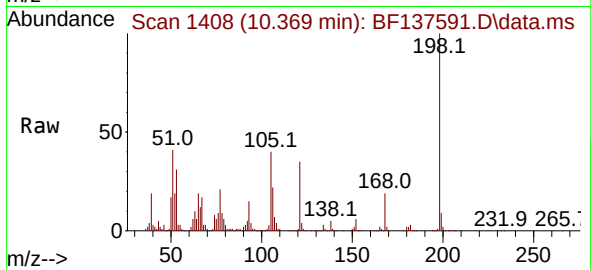




#65
4,6-Dinitro-2-methylphenol
Concen: 50.840 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

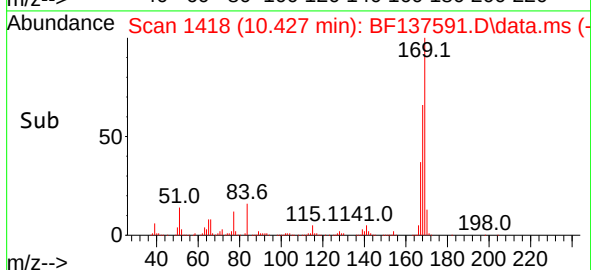
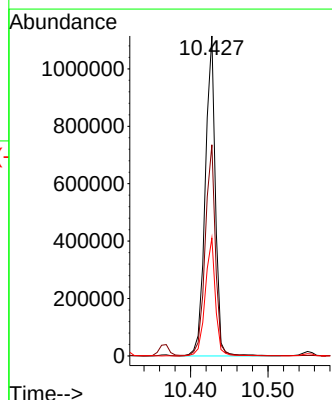
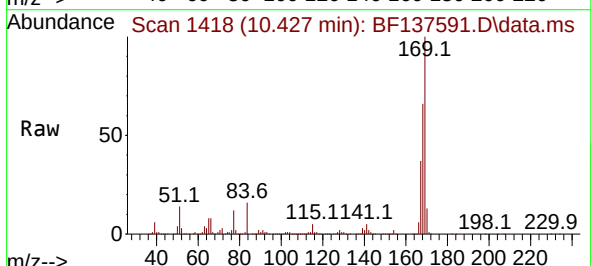
Instrument :
BNA_F
ClientSampleId :
PB159568BS

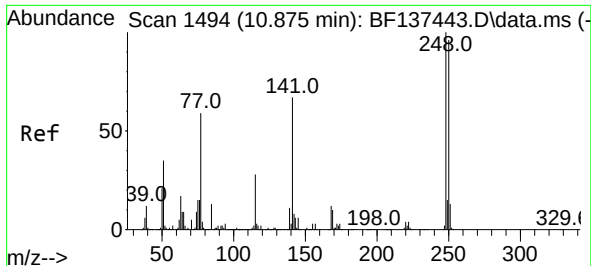
Tgt Ion:198 Resp: 196731
Ion Ratio Lower Upper
198 100
51 40.7 37.2 77.2
105 40.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 45.368 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:169 Resp: 1014281
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.9 29.6 44.4

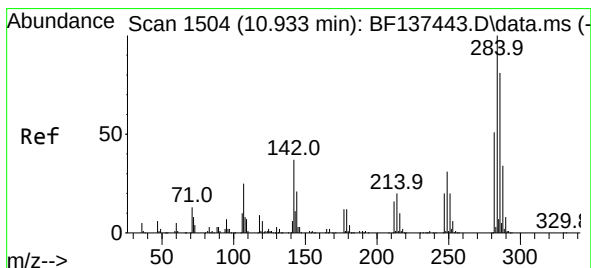
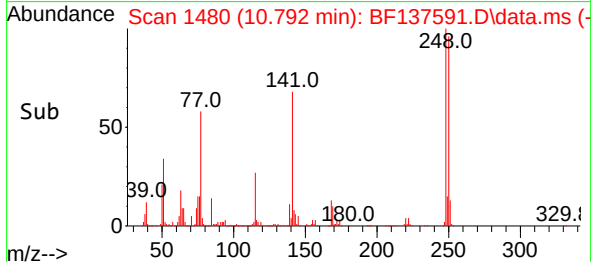
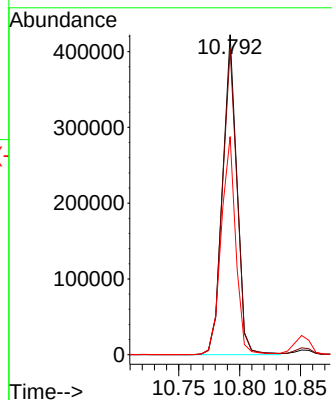
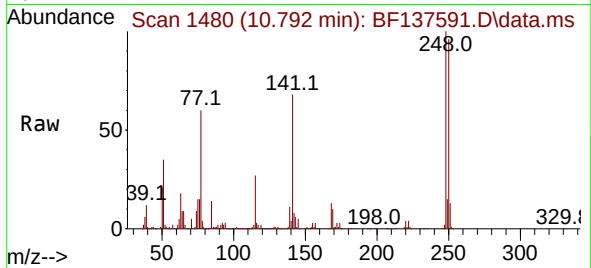




#67
4-Bromophenyl-phenylether
Concen: 46.105 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

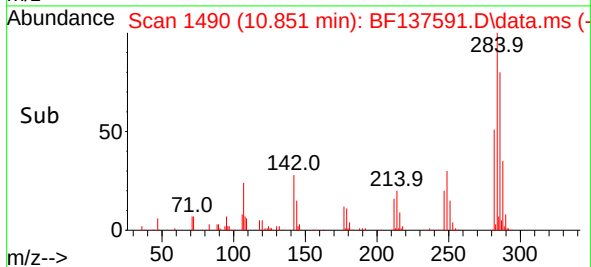
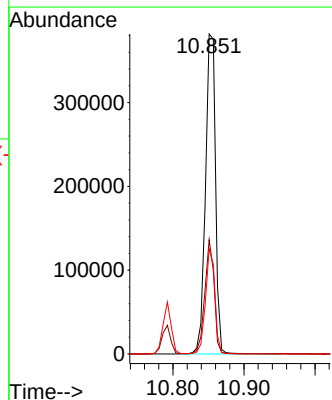
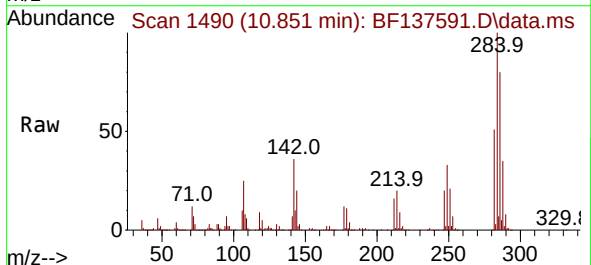
Instrument :
BNA_F
ClientSampleId :
PB159568BS

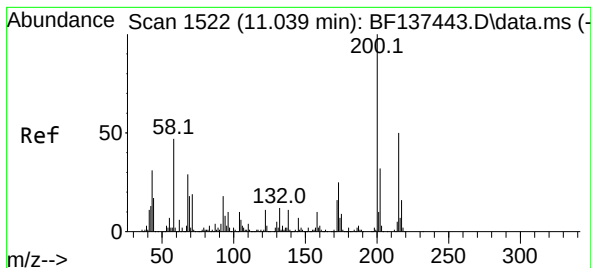
Tgt Ion:248 Resp: 348644
Ion Ratio Lower Upper
248 100
250 95.7 76.8 115.2
141 68.1 53.4 80.0



#68
Hexachlorobenzene
Concen: 49.444 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:284 Resp: 377644
Ion Ratio Lower Upper
284 100
142 35.7 29.4 44.0
249 32.9 25.0 37.4





#69

Atrazine

Concen: 41.519 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

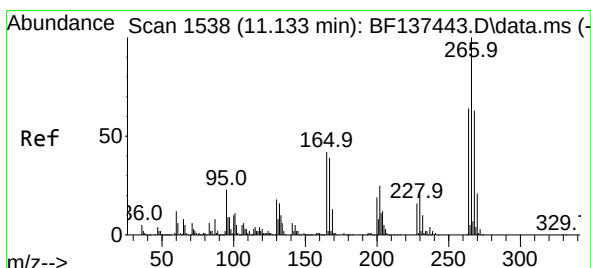
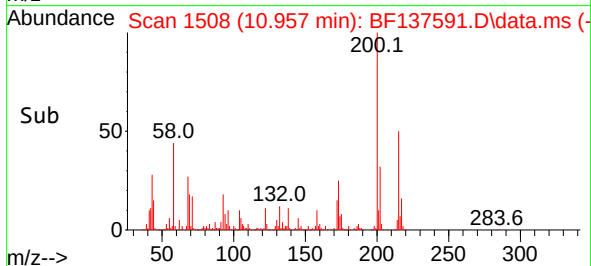
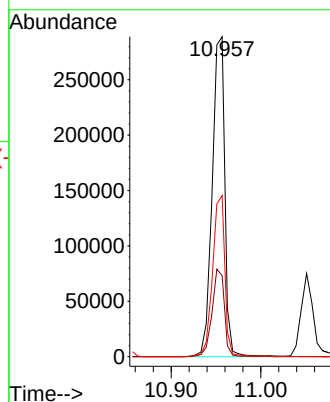
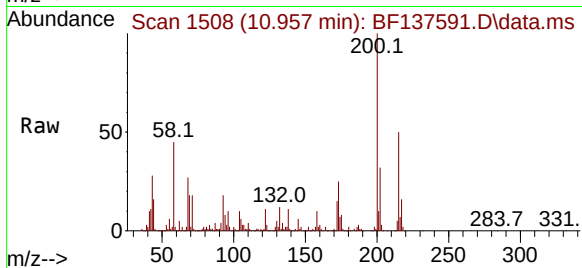
Tgt Ion:200 Resp: 282180

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

215 50.4 30.4 70.4



#70

Pentachlorophenol

Concen: 85.049 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

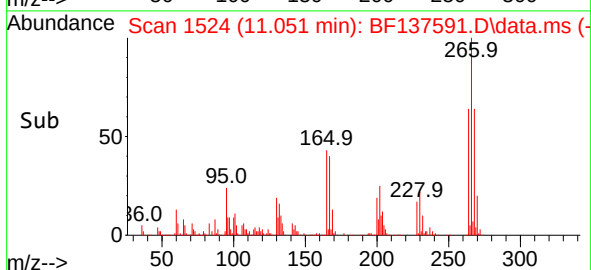
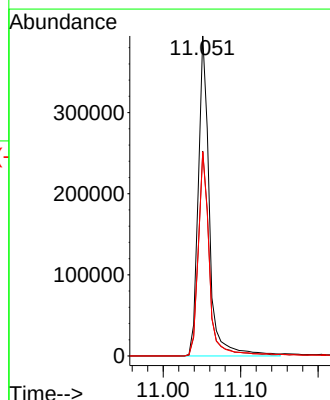
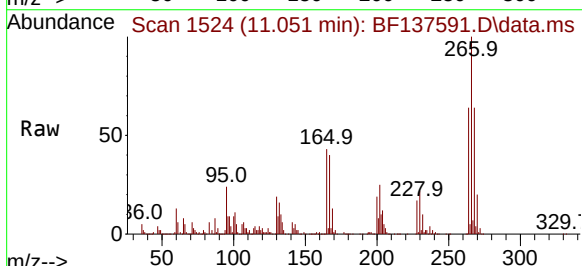
Tgt Ion:266 Resp: 392683

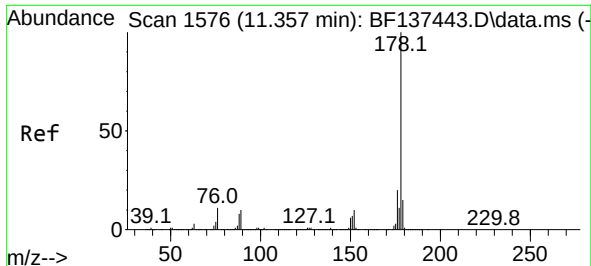
Ion Ratio Lower Upper

266 100

268 64.0 50.2 75.2

264 63.7 50.9 76.3

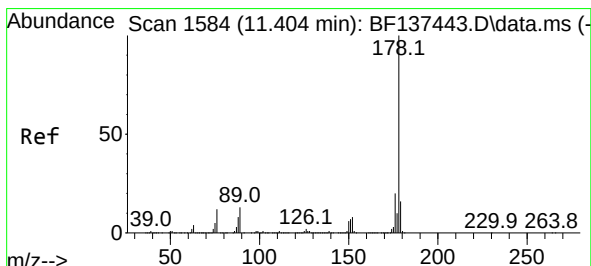
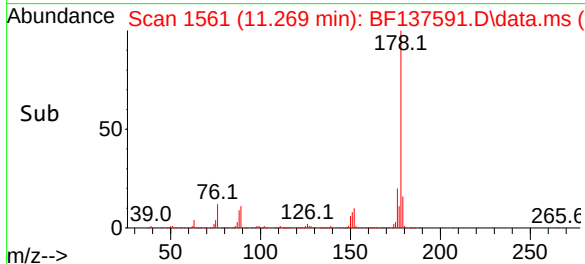
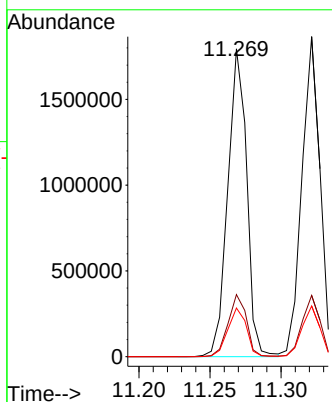
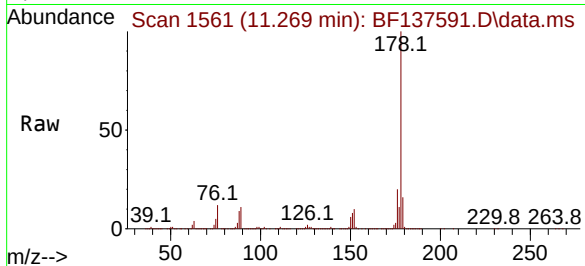




#71
Phenanthrene
Concen: 44.028 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

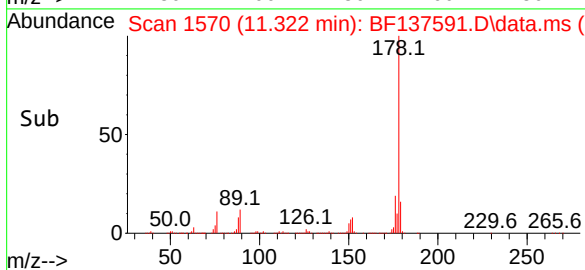
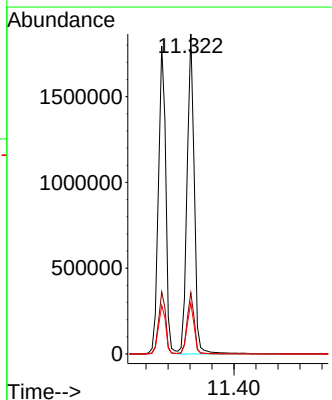
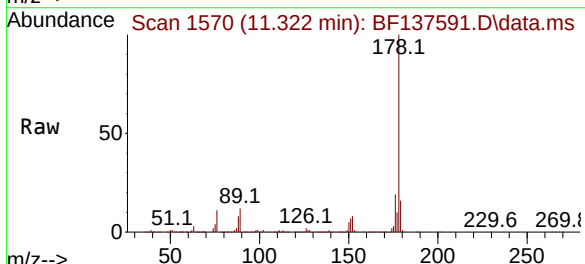
Instrument :
BNA_F
ClientSampleId :
PB159568BS

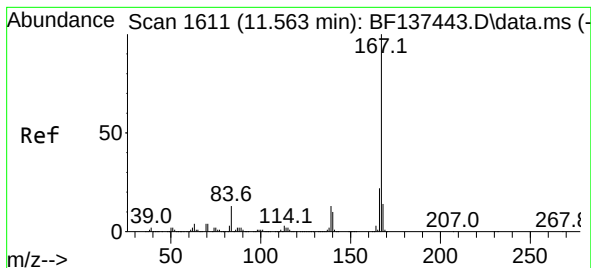
Tgt Ion:178 Resp: 1663583
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.8 12.2 18.2



#72
Anthracene
Concen: 43.684 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:178 Resp: 1695226
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.9 12.7 19.1





#73

Carbazole

Concen: 45.443 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

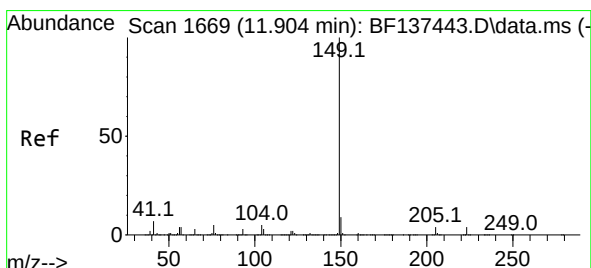
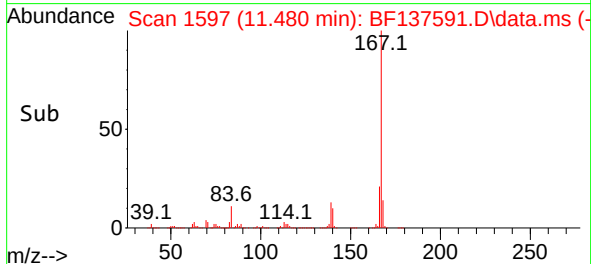
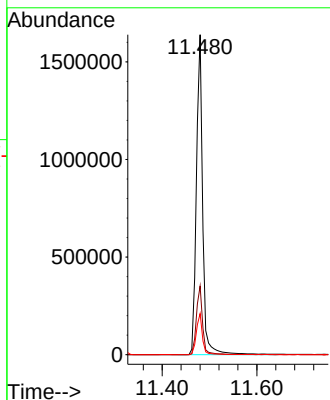
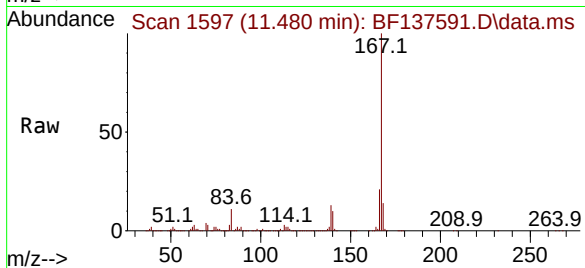
Tgt Ion:167 Resp: 1510550

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.8

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.468 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

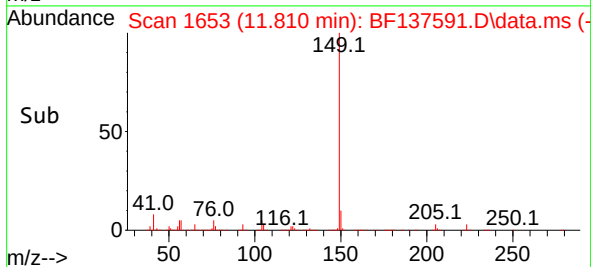
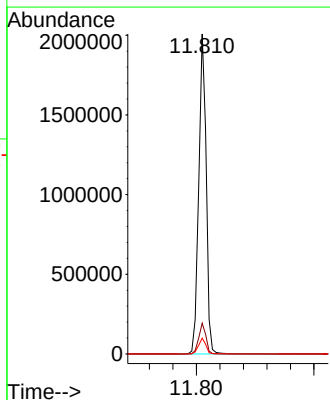
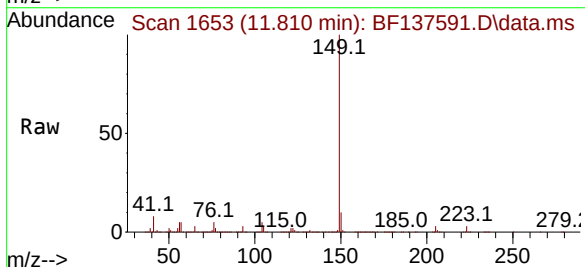
Tgt Ion:149 Resp: 1758669

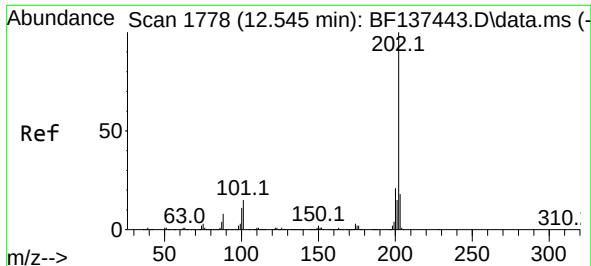
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 4.9 3.8 5.6

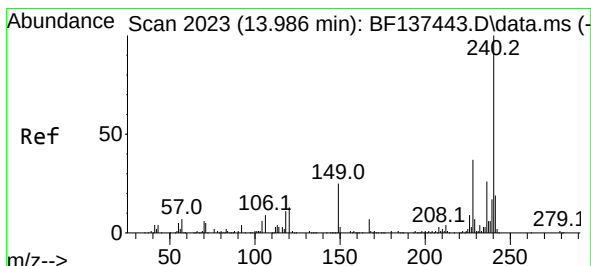
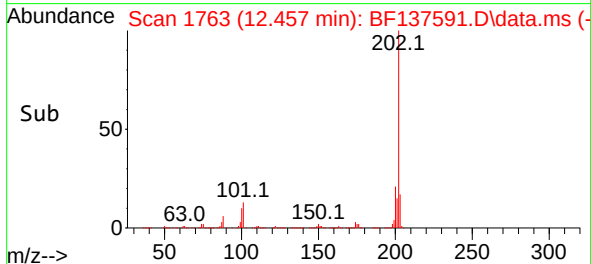
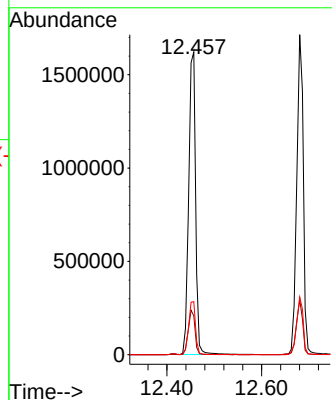
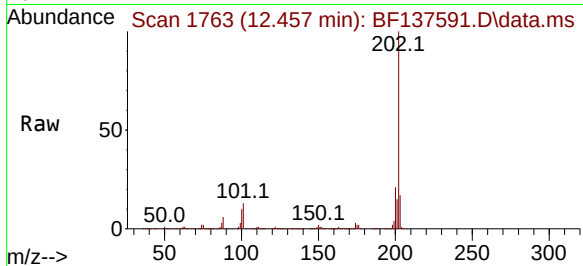




#75
Fluoranthene
Concen: 44.242 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

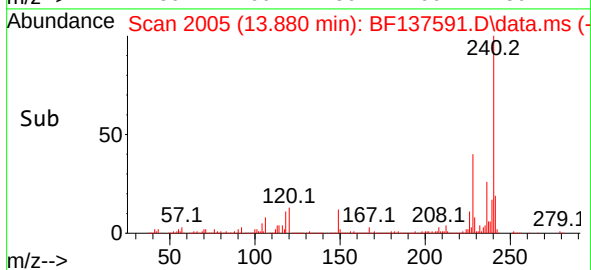
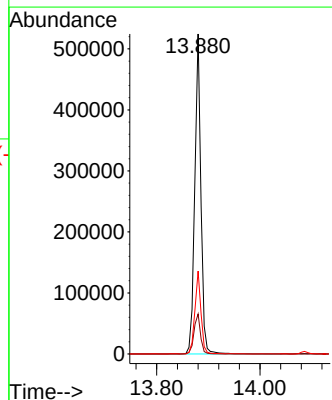
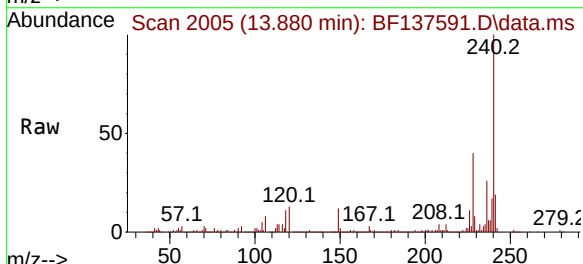
Instrument :
BNA_F
ClientSampleId :
PB159568BS

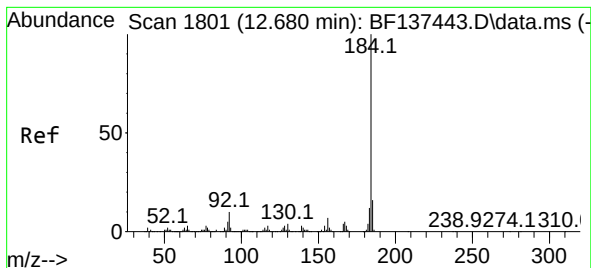
Tgt Ion:202 Resp: 1633999
Ion Ratio Lower Upper
202 100
101 12.9 0.0 35.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:240 Resp: 432380
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.9 20.9 31.3





#77

Benzidine

Concen: 9.274 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

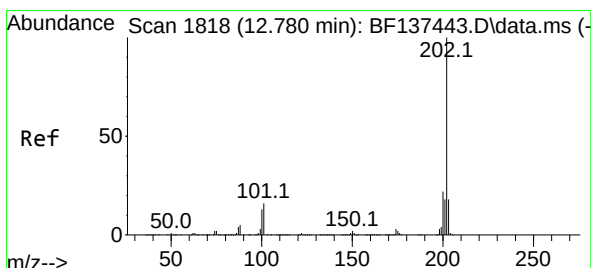
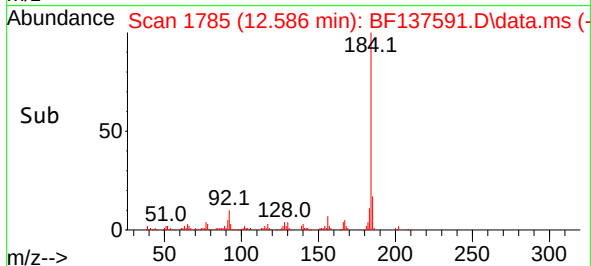
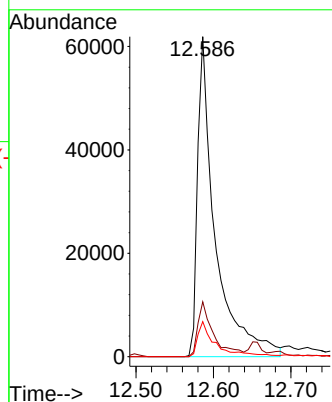
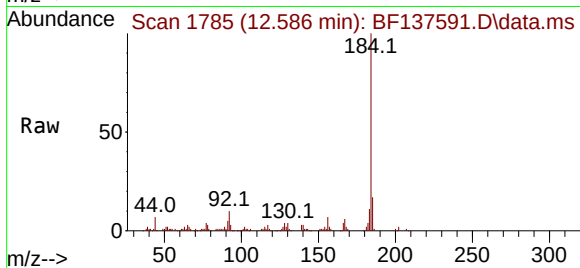
Tgt Ion:184 Resp: 98126

Ion Ratio Lower Upper

184 100

185 17.1 13.2 19.8

183 11.0 9.3 13.9



#78

Pyrene

Concen: 39.049 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

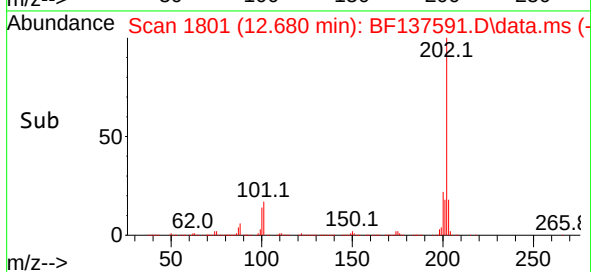
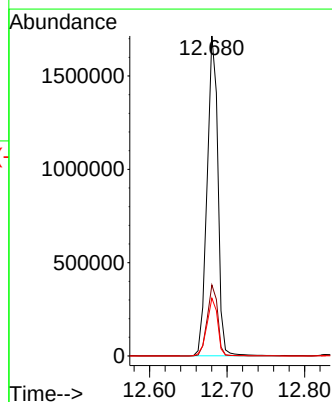
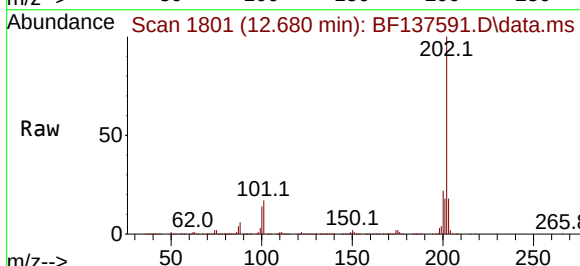
Tgt Ion:202 Resp: 1656684

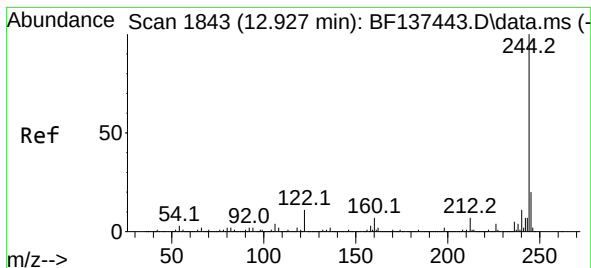
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 74.804 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137591.D

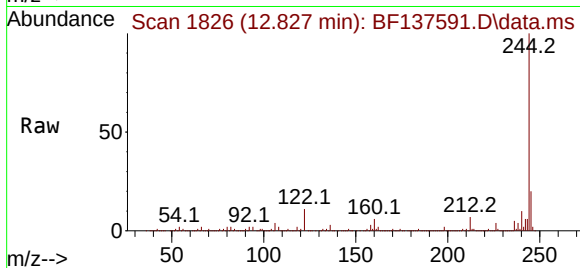
Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS



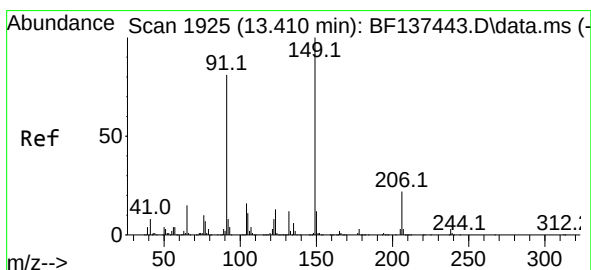
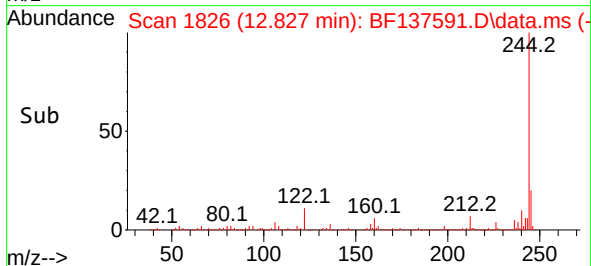
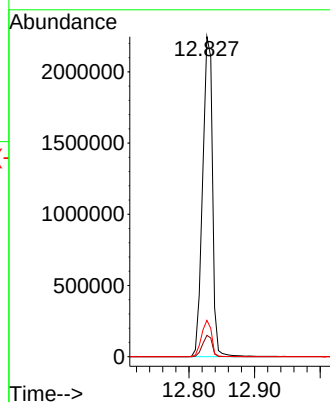
Tgt Ion:244 Resp: 2352097

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 53.966 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

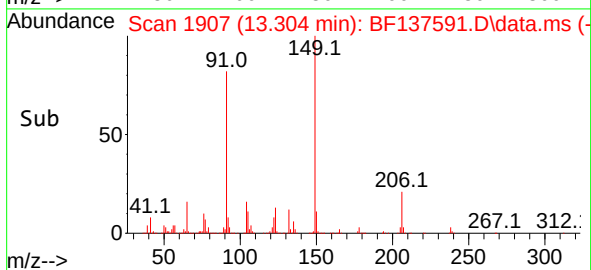
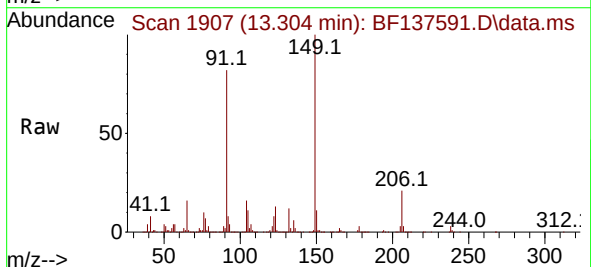
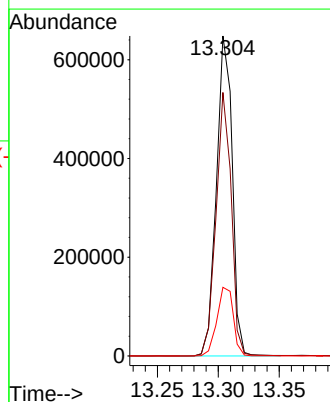
Tgt Ion:149 Resp: 584720

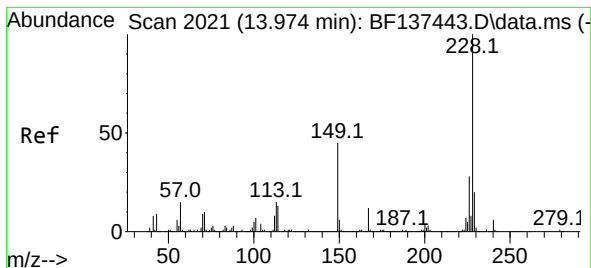
Ion Ratio Lower Upper

149 100

91 82.4 64.7 97.1

206 21.5 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.274 ng

RT: 13.868 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

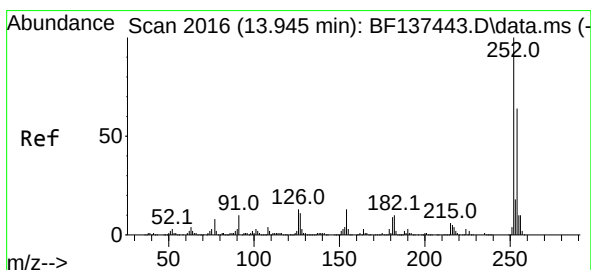
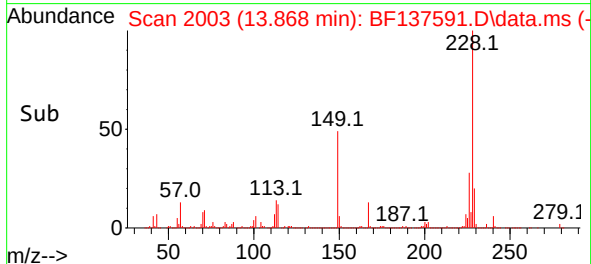
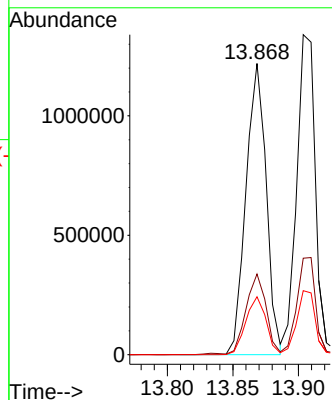
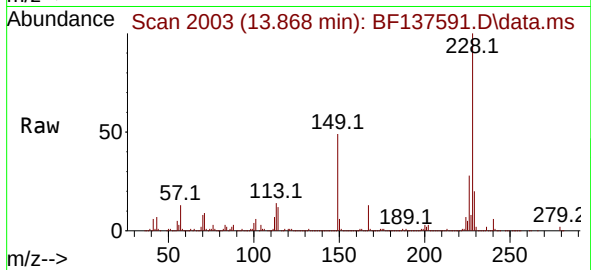
Tgt Ion:228 Resp: 1311419

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 40.024 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

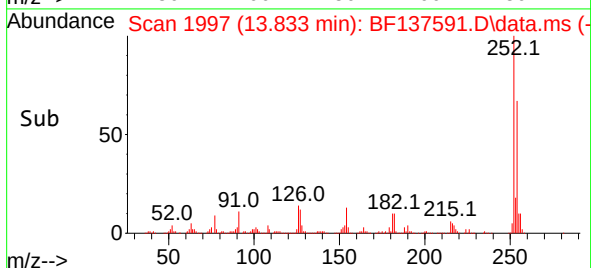
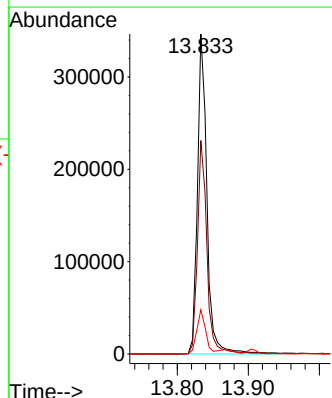
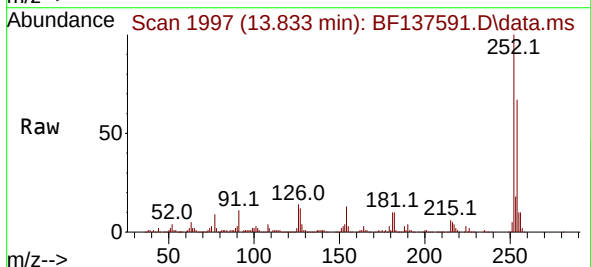
Tgt Ion:252 Resp: 323005

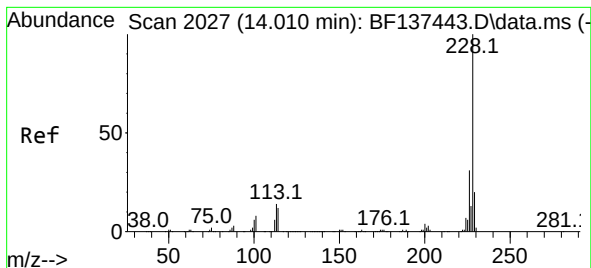
Ion Ratio Lower Upper

252 100

254 66.7 51.4 77.2

126 13.8 10.4 15.6





#83

Chrysene

Concen: 43.998 ng

RT: 13.904 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

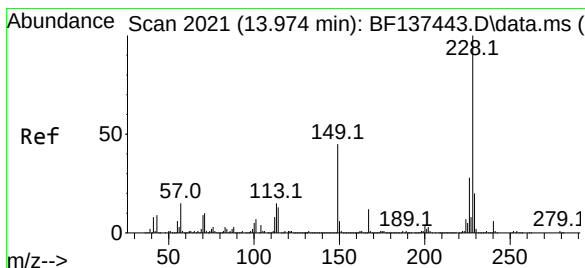
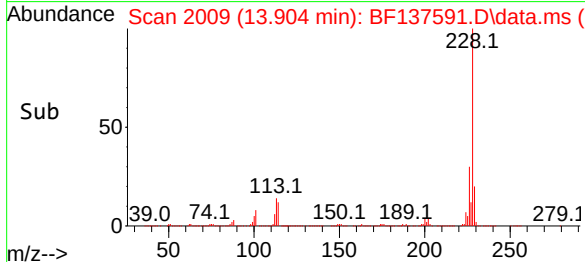
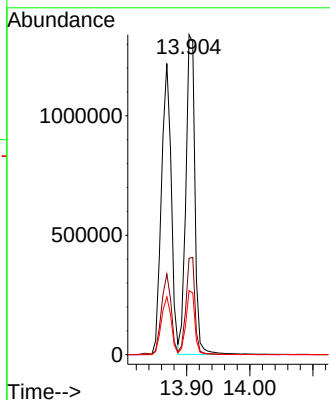
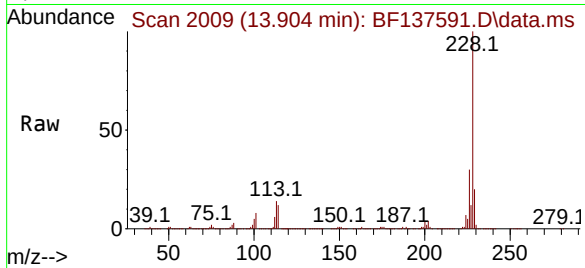
Tgt Ion:228 Resp: 1347608

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.123 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

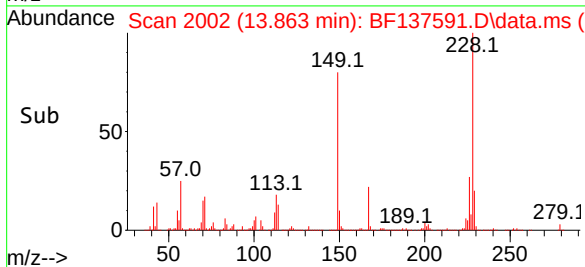
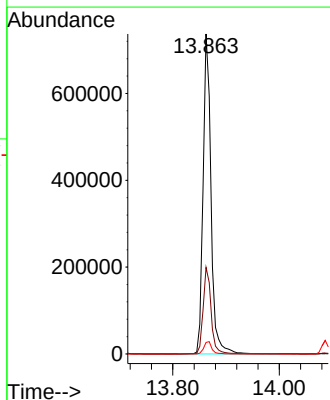
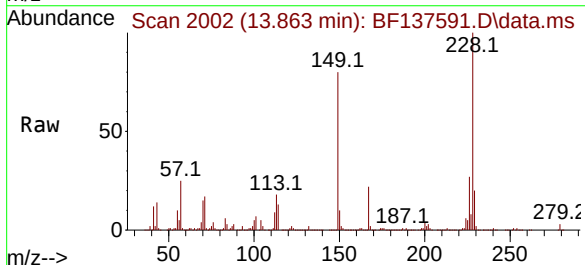
Tgt Ion:149 Resp: 759129

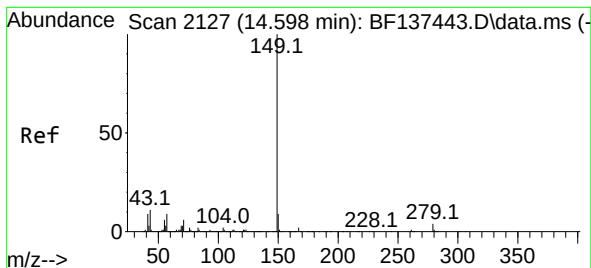
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 50.711 ng

RT: 14.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB159568BS

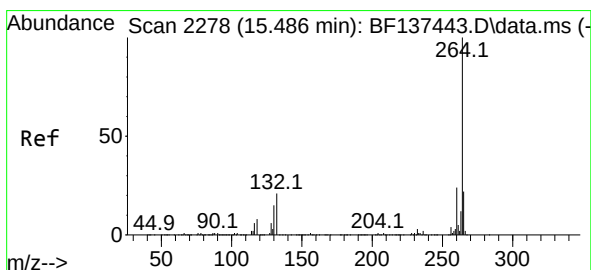
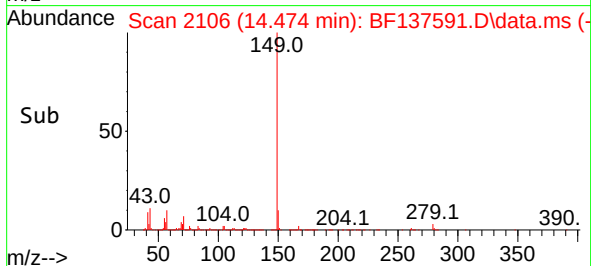
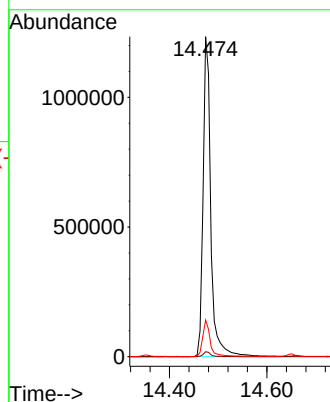
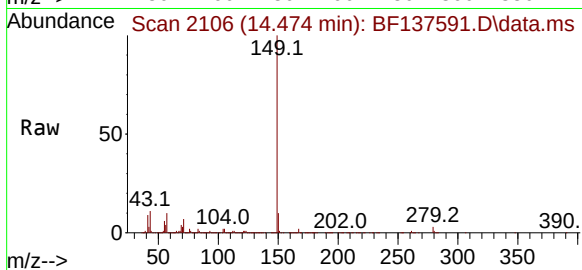
Tgt Ion:149 Resp: 1355464

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137591.D

Acq: 14 Mar 2024 15:31

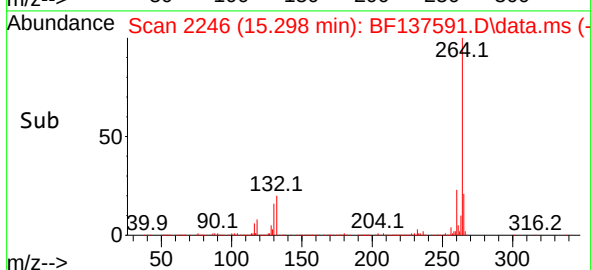
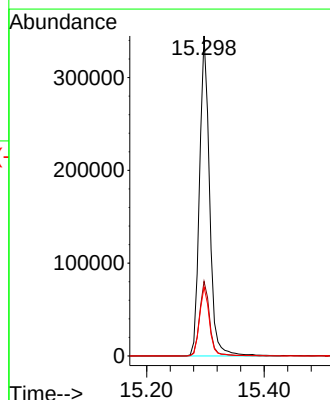
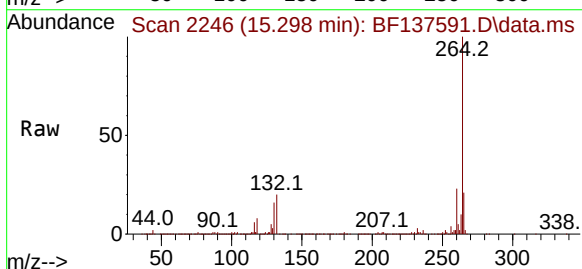
Tgt Ion:264 Resp: 408577

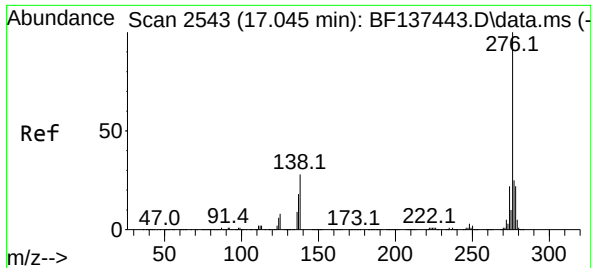
Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.5 17.4 26.0

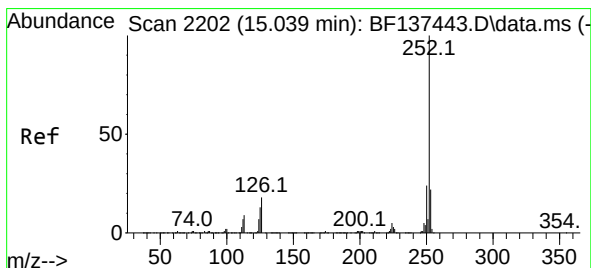
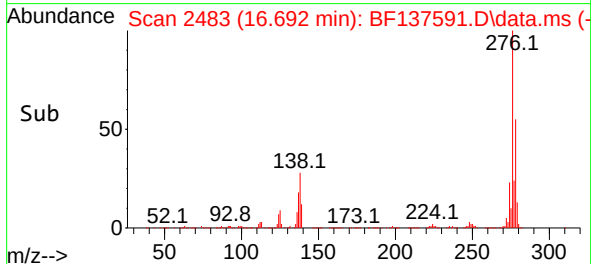
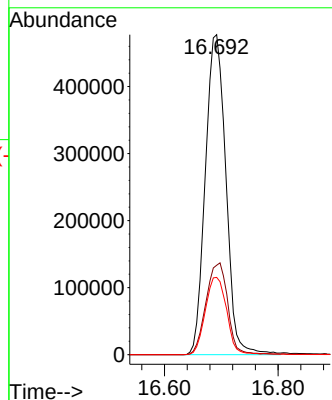
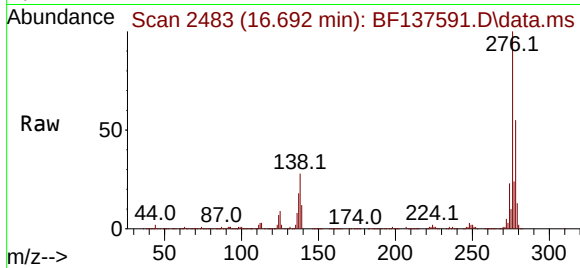




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.608 ng
 RT: 16.692 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137591.D
 Acq: 14 Mar 2024 15:31

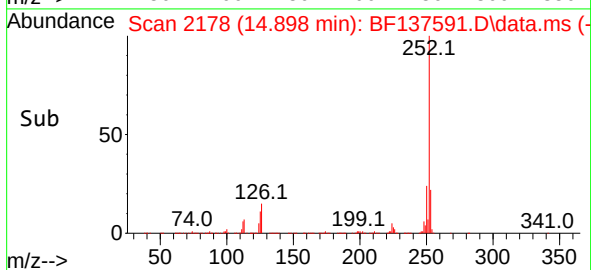
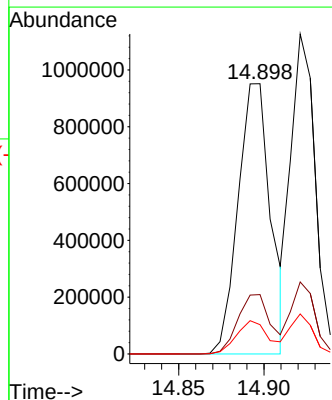
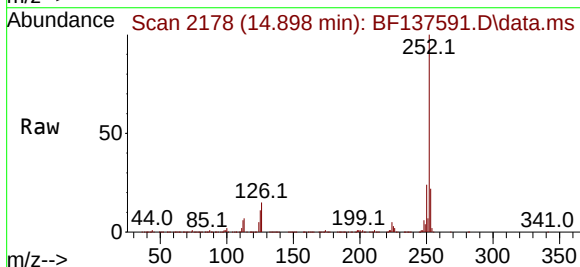
Instrument :
 BNA_F
 ClientSampleId :
 PB159568BS

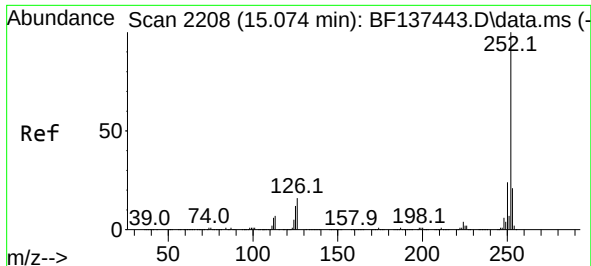
Tgt Ion:276 Resp: 1199388
 Ion Ratio Lower Upper
 276 100
 138 30.5 25.8 38.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 52.352 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137591.D
 Acq: 14 Mar 2024 15:31

Tgt Ion:252 Resp: 1265293
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 10.8 10.1 15.1

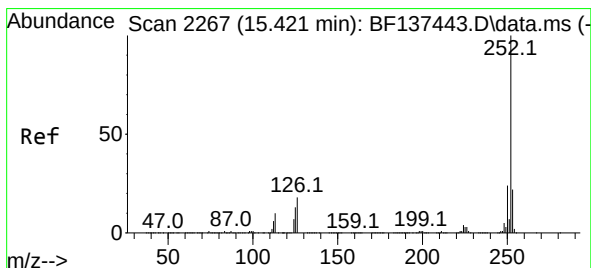
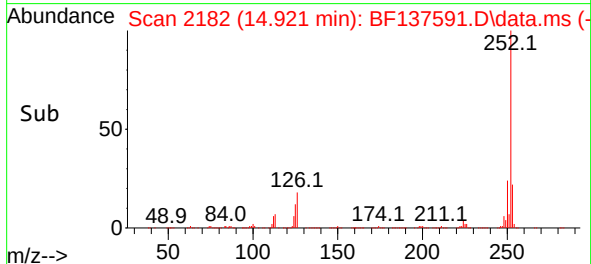
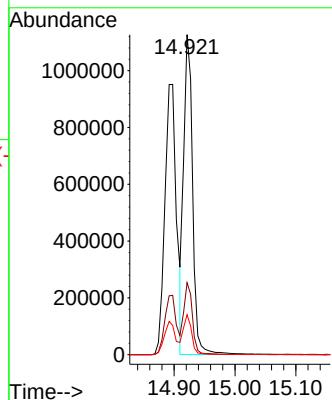
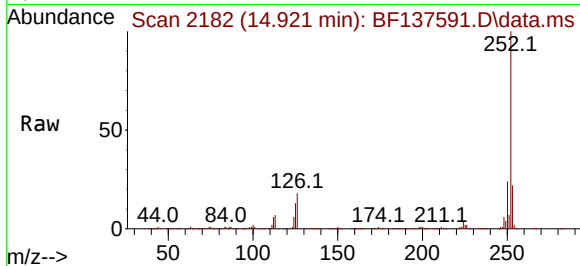




#89
Benzo(k)fluoranthene
Concen: 44.378 ng
RT: 14.921 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

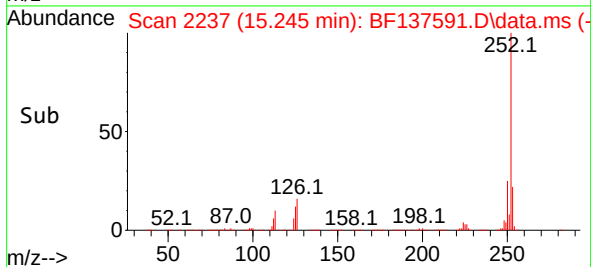
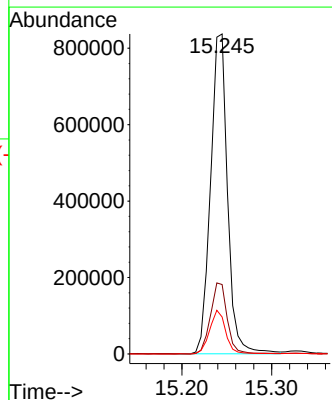
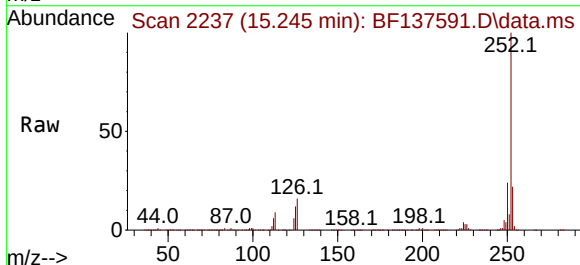
Instrument :
BNA_F
ClientSampleId :
PB159568BS

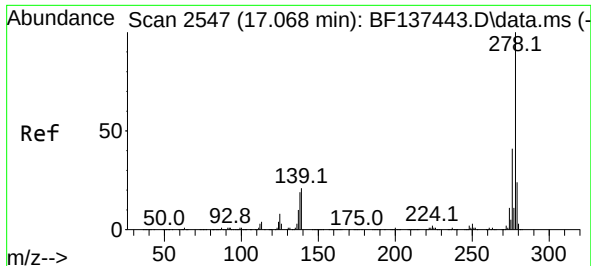
Tgt Ion:252 Resp: 1152034
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 12.5 9.6 14.4



#90
Benzo(a)pyrene
Concen: 46.172 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:252 Resp: 1099683
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 11.6 10.4 15.6

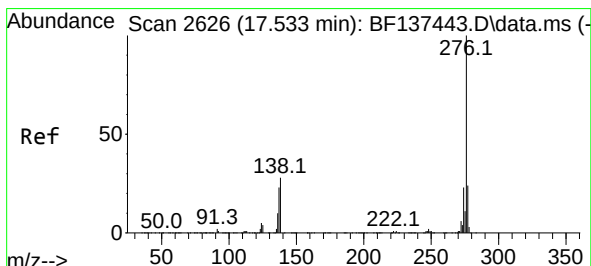
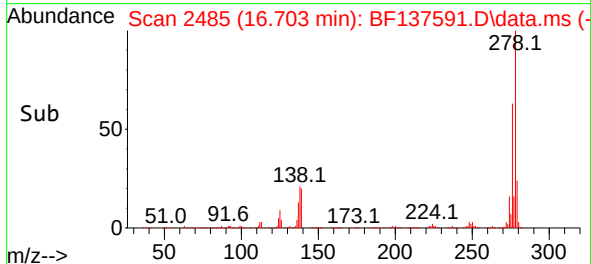
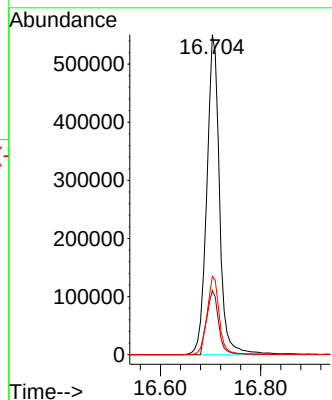
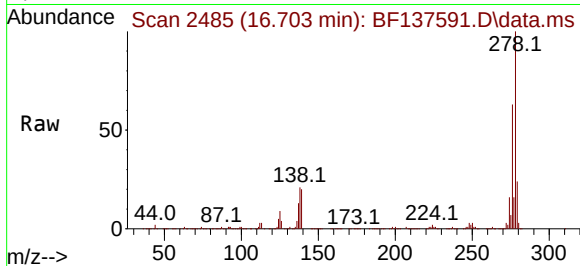




#91
Dibenzo(a,h)anthracene
Concen: 44.565 ng
RT: 16.703 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Instrument :
BNA_F
ClientSampleId :
PB159568BS

Tgt Ion:278 Resp: 972016
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.444 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF137591.D
Acq: 14 Mar 2024 15:31

Tgt Ion:276 Resp: 973122
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 26.6 22.2 33.2

