

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135302.D
 Acq On : 18 Sep 2023 12:48
 Operator : CG\JU
 Sample : PB155317BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS

Quant Time: Sep 18 13:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	199825	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	762520	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	389274	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	734337	20.000	ng	0.00
76) Chrysene-d12	13.951	240	354848	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	438815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	767812	62.495	ng	0.01
7) Phenol-d6	6.410	99	951921	60.933	ng	0.00
23) Nitrobenzene-d5	7.328	82	612489	43.640	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	263658	68.156	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1110374	43.035	ng	0.00
79) Terphenyl-d14	12.886	244	1052708	45.989	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	107080	19.881	ng	99
3) Pyridine	3.304	79	352847	24.342	ng	98
4) n-Nitrosodimethylamine	3.263	42	245679	31.939	ng	99
6) Aniline	6.428	93	358824	17.515	ng	# 78
8) 2-Chlorophenol	6.545	128	301261	22.970	ng	99
9) Benzaldehyde	6.316	77	177444	19.938	ng	99
10) Phenol	6.422	94	357589	20.874	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	283023	22.026	ng	99
12) 1,3-Dichlorobenzene	6.698	146	305044	22.886	ng	98
13) 1,4-Dichlorobenzene	6.775	146	308495	22.749	ng	97
14) 1,2-Dichlorobenzene	6.928	146	294155	23.358	ng	98
15) Benzyl Alcohol	6.910	79	258427	23.052	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	517696	21.374	ng	97
17) 2-Methylphenol	7.022	107	237715	20.539	ng	97
18) Hexachloroethane	7.263	117	117089	23.368	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	204248	21.108	ng	96
20) 3+4-Methylphenols	7.175	107	287488	20.657	ng	96
22) Acetophenone	7.175	105	398383	22.852	ng	99
24) Nitrobenzene	7.345	77	317213	22.867	ng	100
25) Isophorone	7.586	82	565451	21.940	ng	99
26) 2-Nitrophenol	7.657	139	157624	23.675	ng	95
27) 2,4-Dimethylphenol	7.704	122	260538	23.281	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	347607	22.535	ng	99
29) 2,4-Dichlorophenol	7.904	162	241266	23.266	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	261080	24.087	ng	98
31) Naphthalene	8.063	128	853218	23.030	ng	100
32) Benzoic acid	7.839	122	182493	21.656	ng	93
33) 4-Chloroaniline	8.116	127	293966	18.085	ng	100
34) Hexachlorobutadiene	8.175	225	153379	23.468	ng	98
35) Caprolactam	8.486	113	42509	12.214	ng	98
36) 4-Chloro-3-methylphenol	8.604	107	266951	23.162	ng	100
37) 2-Methylnaphthalene	8.751	142	548699	22.033	ng	98
38) 1-Methylnaphthalene	8.851	142	504563	21.640	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	256507	22.745	ng	99
41) Hexachlorocyclopentadiene	8.904	237	203908	44.631	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	169906	23.010	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135302.D
 Acq On : 18 Sep 2023 12:48
 Operator : CG\JU
 Sample : PB155317BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

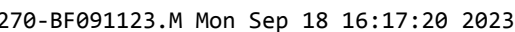
Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS

Quant Time: Sep 18 13:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	184568	21.705	ng	98
46) 1,1'-Biphenyl	9.222	154	678321	22.675	ng	100
47) 2-Chloronaphthalene	9.245	162	506179	23.321	ng	98
48) 2-Nitroaniline	9.351	65	194039	23.011	ng	96
49) Acenaphthylene	9.663	152	812682	22.529	ng	99
50) Dimethylphthalate	9.528	163	597397	22.698	ng	100
51) 2,6-Dinitrotoluene	9.592	165	132106	22.913	ng	94
52) Acenaphthene	9.833	154	486318	22.822	ng	97
53) 3-Nitroaniline	9.763	138	129281	19.102	ng	96
54) 2,4-Dinitrophenol	9.880	184	148964	48.205	ng	93
55) Dibenzofuran	10.004	168	732127	22.514	ng	98
56) 4-Nitrophenol	9.939	139	196527	45.690	ng	98
57) 2,4-Dinitrotoluene	9.998	165	167942	23.267	ng	88
58) Fluorene	10.351	166	572479	22.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	152623	23.333	ng	100
60) Diethylphthalate	10.227	149	597226	22.611	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	274147	22.829	ng	92
62) 4-Nitroaniline	10.380	138	141566	21.761	ng	96
63) Azobenzene	10.504	77	580897	22.471	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	96432	24.724	ng	86
66) n-Nitrosodiphenylamine	10.469	169	517935	23.297	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	170269	23.313	ng	96
68) Hexachlorobenzene	10.898	284	190975	25.667	ng	93
69) Atrazine	10.998	200	163261	27.292	ng	98
70) Pentachlorophenol	11.098	266	182390	40.971	ng	97
71) Phenanthrene	11.316	178	831724	23.948	ng	99
72) Anthracene	11.369	178	836276	23.425	ng	99
73) Carbazole	11.527	167	755451	23.246	ng	99
74) Di-n-butylphthalate	11.857	149	894098	23.348	ng	99
75) Fluoranthene	12.510	202	815246	22.527	ng	99
77) Benzidine	12.639	184	287354	39.528	ng	99
78) Pyrene	12.739	202	805048	23.829	ng	99
80) Butylbenzylphthalate	13.368	149	272246	22.888	ng	94
81) Benzo(a)anthracene	13.939	228	524367	22.885	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	177285	24.770	ng	98
83) Chrysene	13.974	228	505863	22.205	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	306270	25.091	ng	98
85) Di-n-octyl phthalate	14.545	149	515514	26.576	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	677101	23.534	ng	99
88) Benzo(b)fluoranthene	14.986	252	512374	21.569	ng	100
89) Benzo(k)fluoranthene	15.015	252	517975	22.074	ng	98
90) Benzo(a)pyrene	15.351	252	475031	20.970	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	546796	23.227	ng	98
92) Benzo(g,h,i)perylene	17.345	276	559450	22.755	ng	99

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

Quant Time: Sep 18 13:11:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

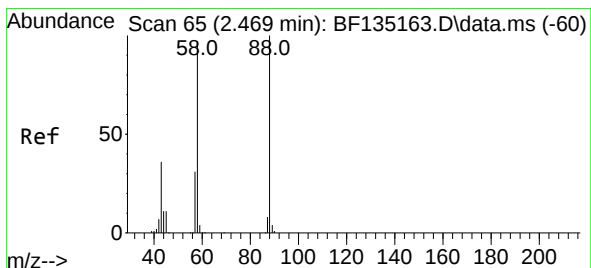
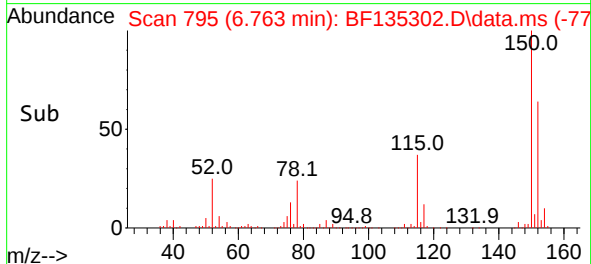
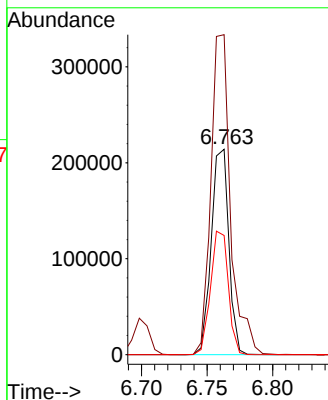
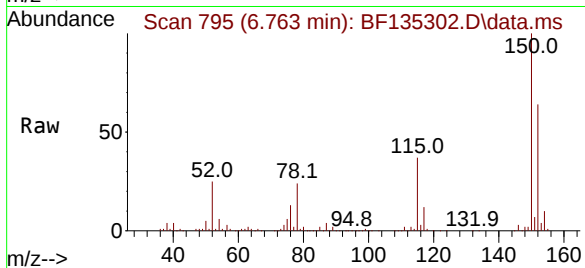




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

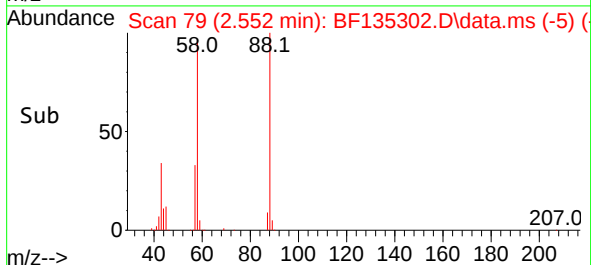
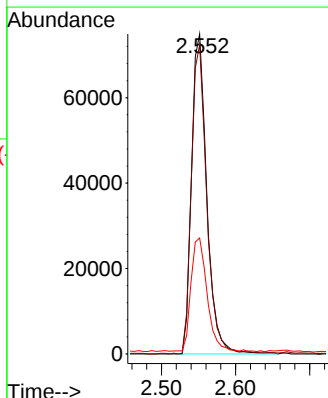
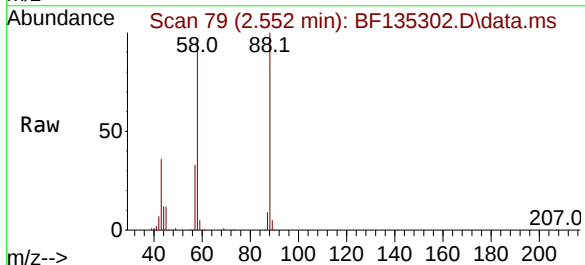
Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS

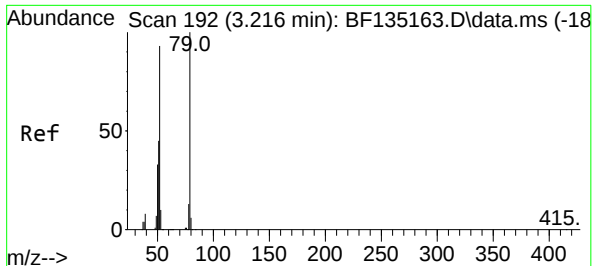
Tgt Ion:152 Resp: 199825
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.8 191.6
 115 58.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 19.881 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.082 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

Tgt Ion: 88 Resp: 107080
 Ion Ratio Lower Upper
 88 100
 58 97.3 78.3 117.5
 43 37.7 29.4 44.0

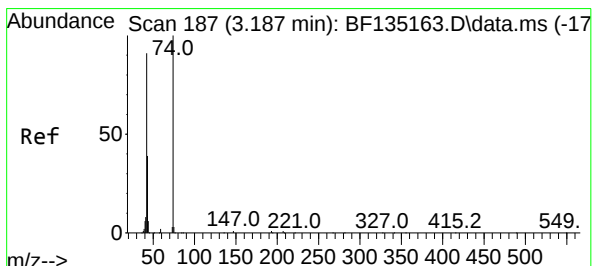
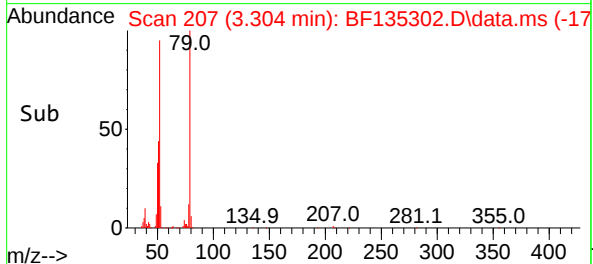
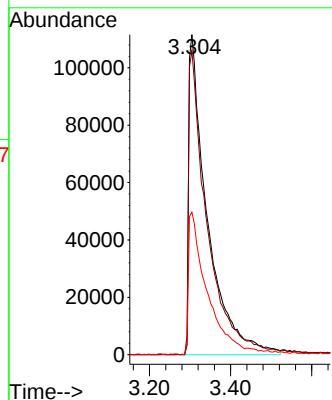
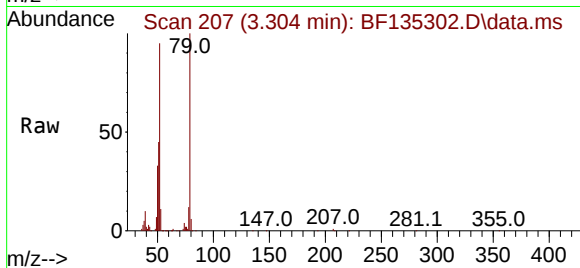




#3
 Pyridine
 Concen: 24.342 ng
 RT: 3.304 min Scan# 20
 Delta R.T. 0.088 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

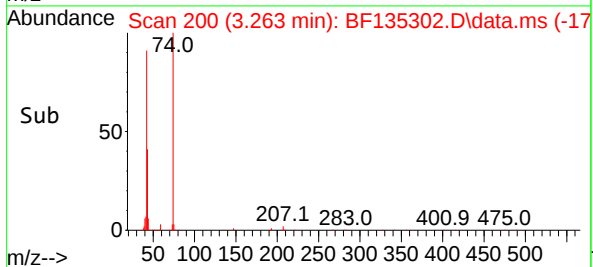
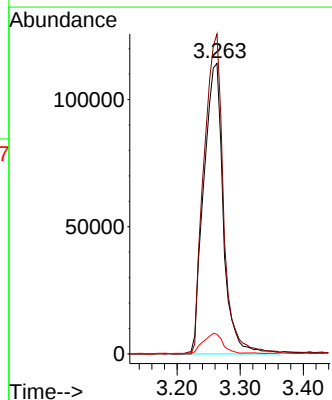
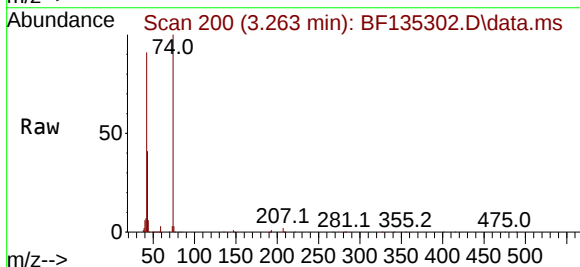
Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS

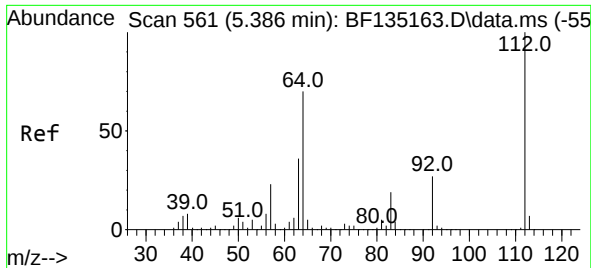
Tgt Ion: 79 Resp: 352847
 Ion Ratio Lower Upper
 79 100
 52 95.1 74.1 111.1
 51 44.5 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 31.939 ng
 RT: 3.263 min Scan# 200
 Delta R.T. 0.077 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

Tgt Ion: 42 Resp: 245679
 Ion Ratio Lower Upper
 42 100
 74 110.1 87.7 131.5
 44 6.8 5.6 8.4

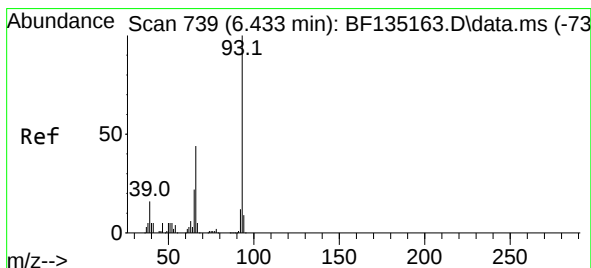
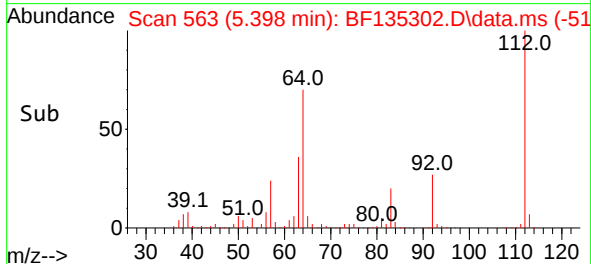
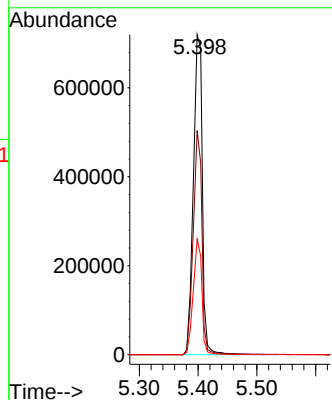
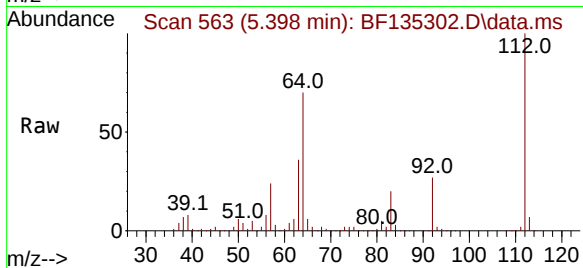




#5
2-Fluorophenol
Concen: 62.495 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

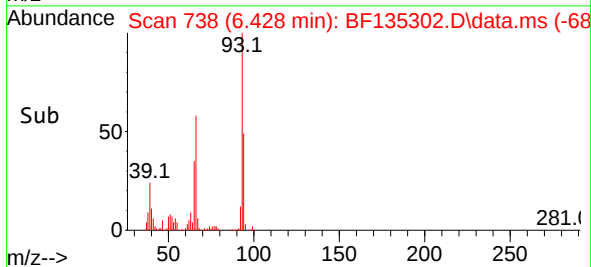
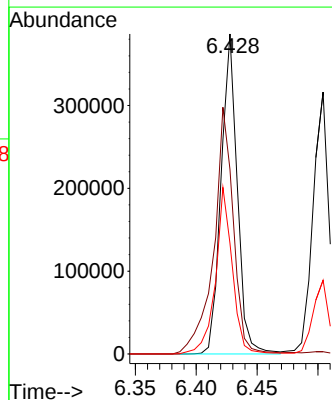
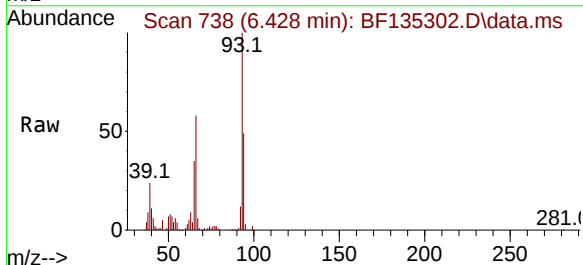
Instrument :
BNA_F
ClientSampleId :
PB155317BS

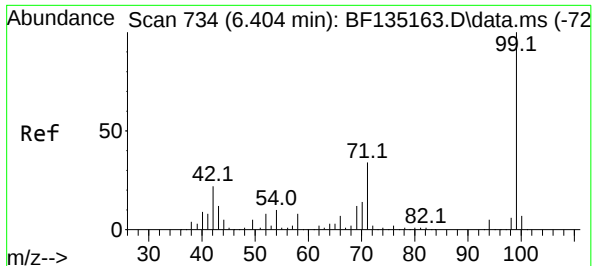
Tgt Ion:112 Resp: 767812
Ion Ratio Lower Upper
112 100
64 70.1 55.9 83.9
63 36.1 29.0 43.6



#6
Aniline
Concen: 17.515 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion: 93 Resp: 358824
Ion Ratio Lower Upper
93 100
66 57.7 35.4 53.0#
65 34.6 17.8 26.8#

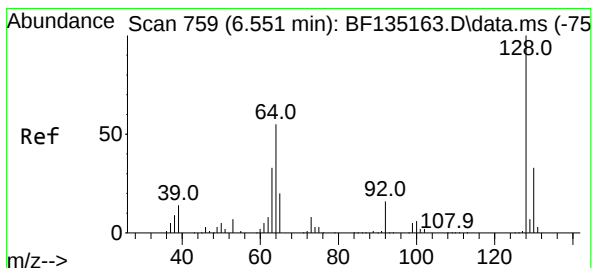
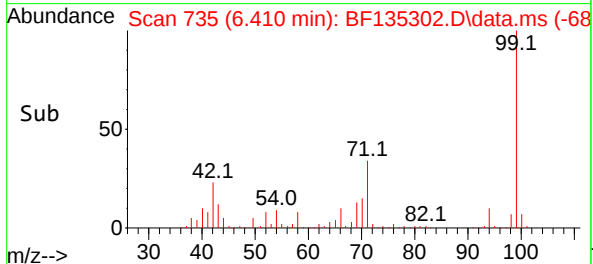
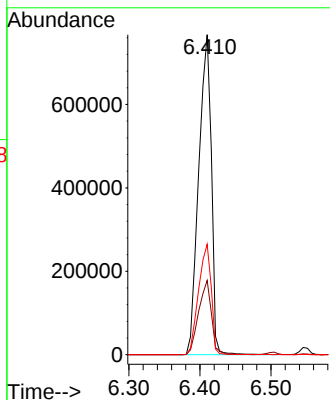
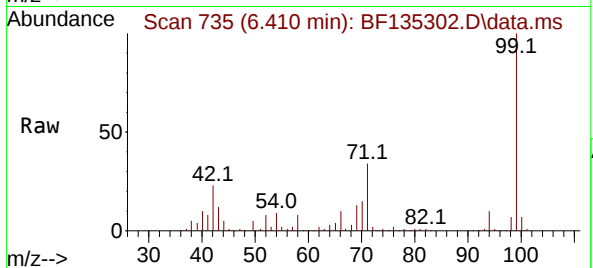




#7
Phenol-d6
Concen: 60.933 ng
RT: 6.410 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

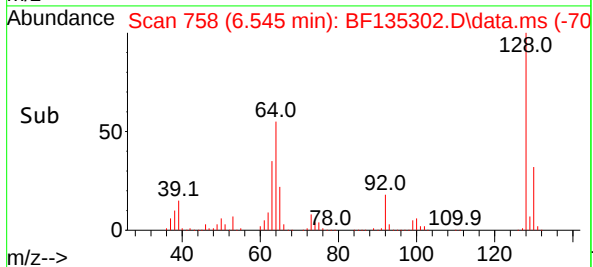
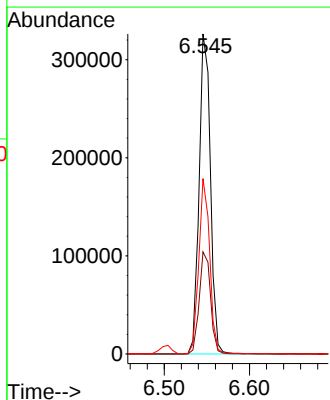
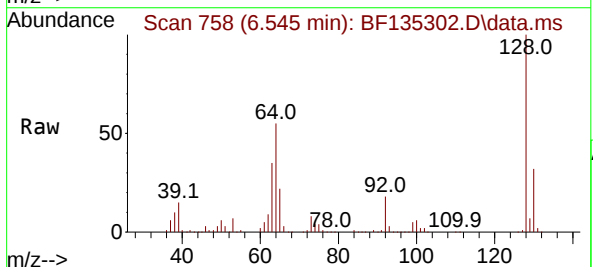
Instrument :
BNA_F
ClientSampleId :
PB155317BS

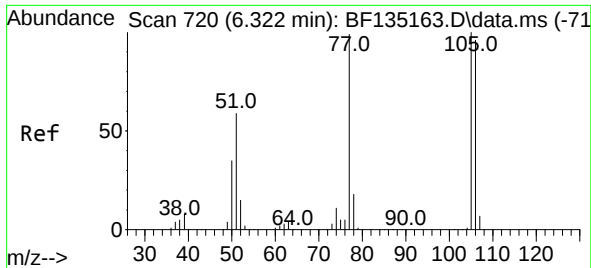
Tgt Ion: 99 Resp: 951921
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 34.5 27.0 40.6



#8
2-Chlorophenol
Concen: 22.970 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion: 128 Resp: 301261
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 54.8 35.9 75.9





#9

Benzaldehyde

Concen: 19.938 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

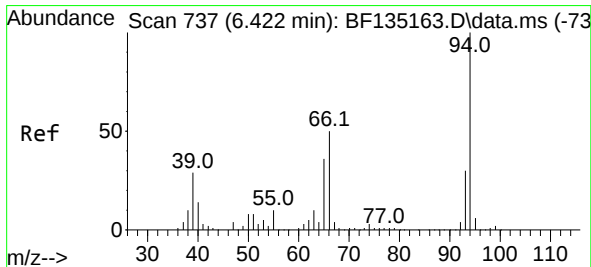
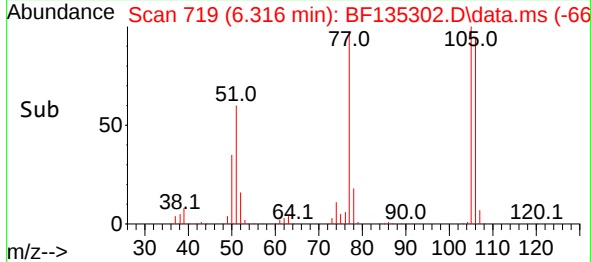
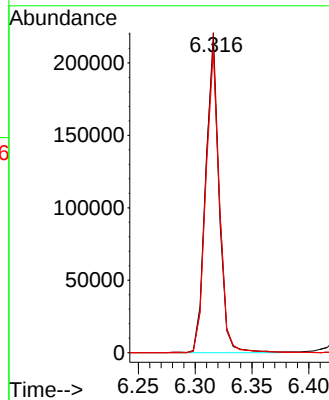
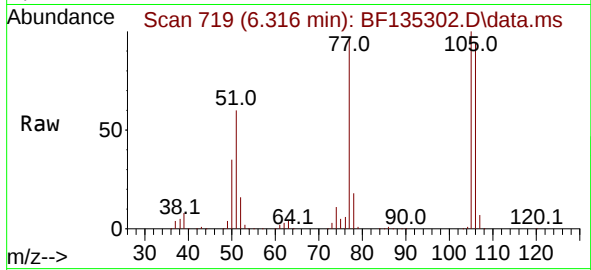
BNA_F

ClientSampleId :

PB155317BS

Tgt Ion: 77 Resp: 177444

Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	96.9	76.9	116.9



#10

Phenol

Concen: 20.874 ng

RT: 6.422 min Scan# 737

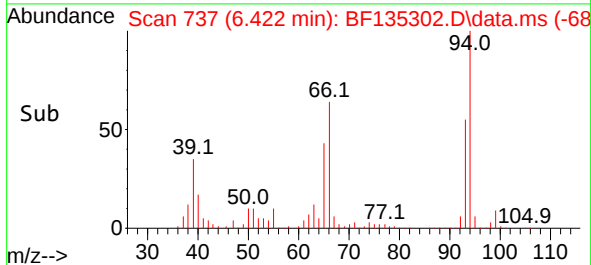
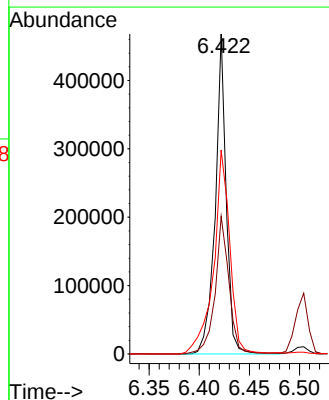
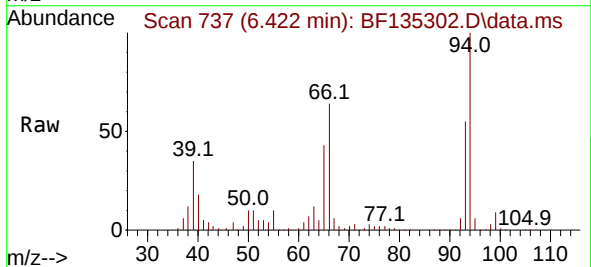
Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion: 94 Resp: 357589

Ion	Ratio	Lower	Upper
94	100		
65	43.0	15.9	55.9
66	63.6	29.8	69.8

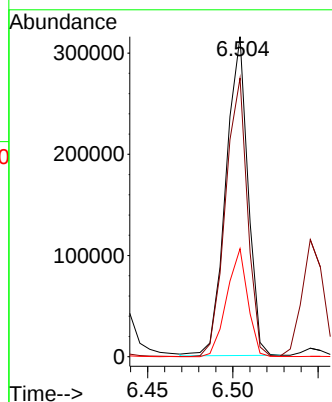
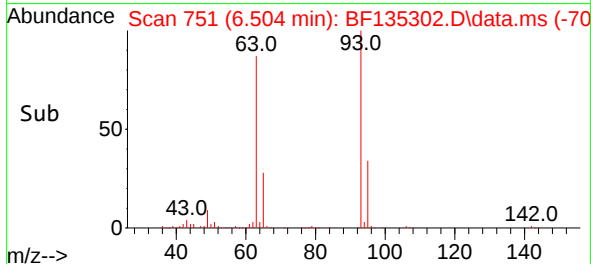
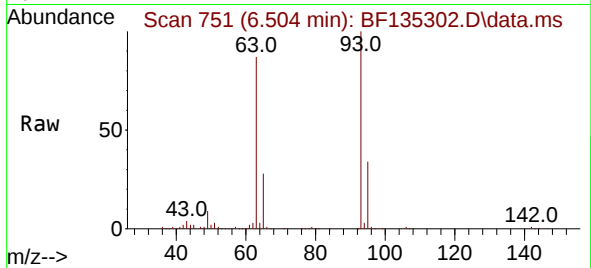




#11
bis(2-Chloroethyl)ether
Concen: 22.026 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

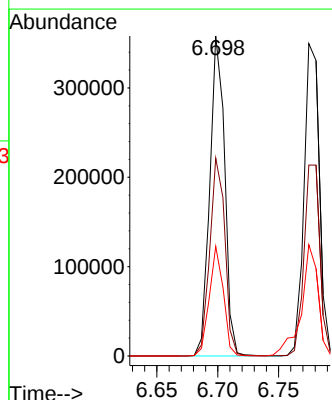
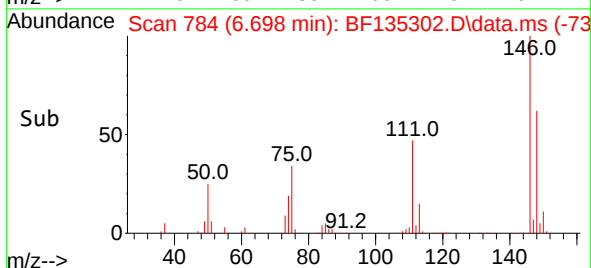
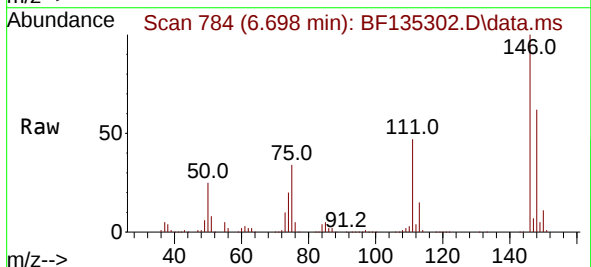
Instrument :
BNA_F
ClientSampleId :
PB155317BS

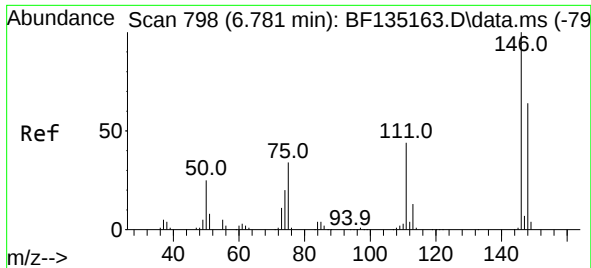
Tgt Ion: 93 Resp: 283023
Ion Ratio Lower Upper
93 100
63 87.0 67.3 107.3
95 33.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 22.886 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:146 Resp: 305044
Ion Ratio Lower Upper
146 100
148 61.8 51.3 76.9
75 34.3 27.4 41.2

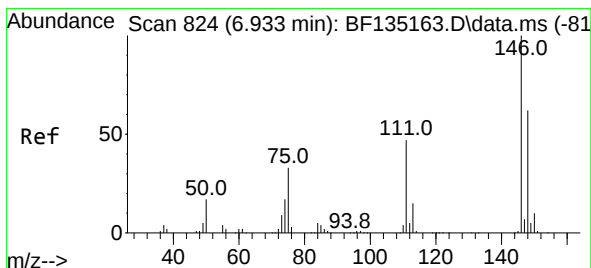
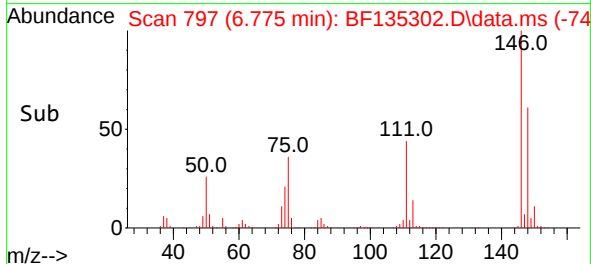
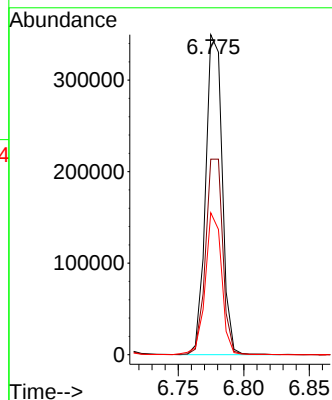
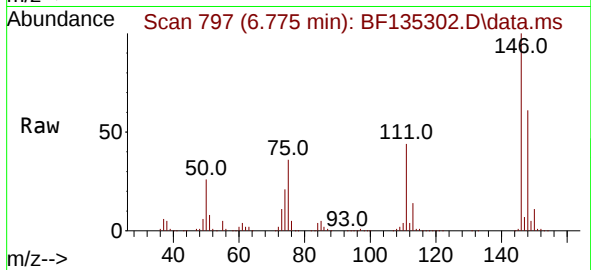




#13
1,4-Dichlorobenzene
Concen: 22.749 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

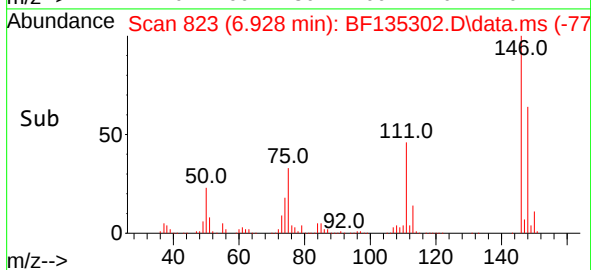
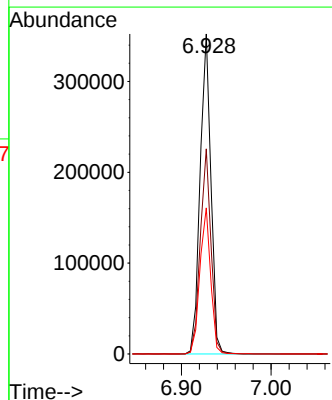
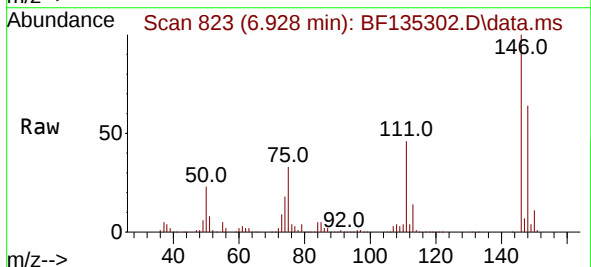
Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion:146 Resp: 308495
Ion Ratio Lower Upper
146 100
148 61.1 51.3 76.9
111 44.3 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 23.358 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:146 Resp: 294155
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
111 45.7 37.4 56.2

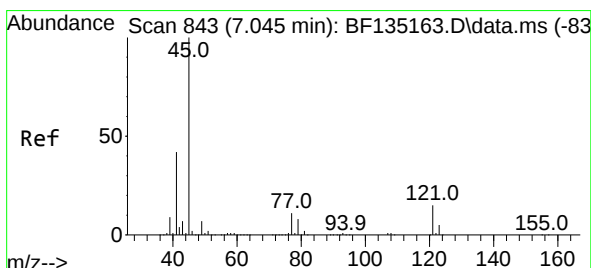
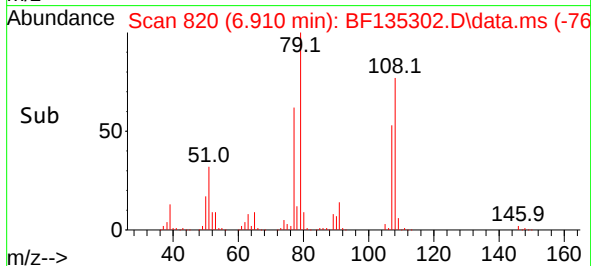
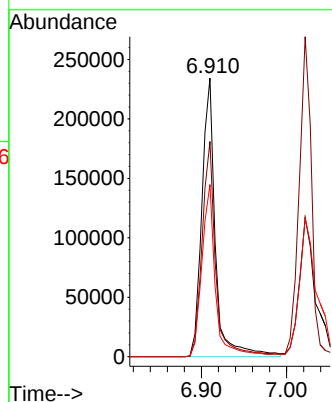
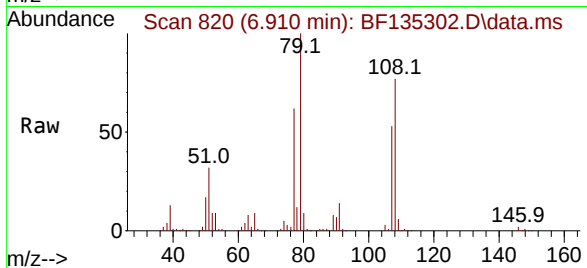




#15
Benzyl Alcohol
Concen: 23.052 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

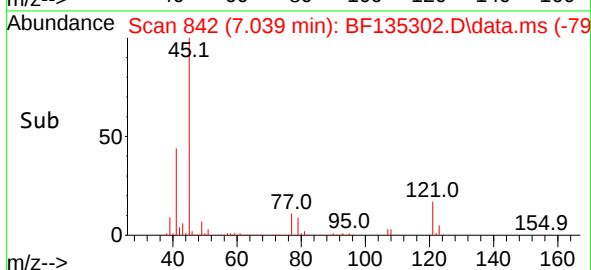
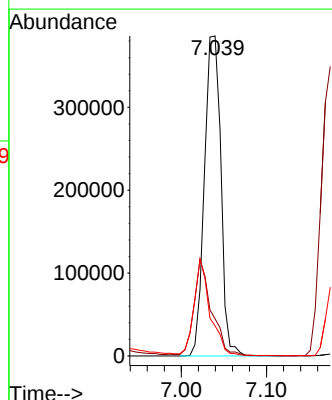
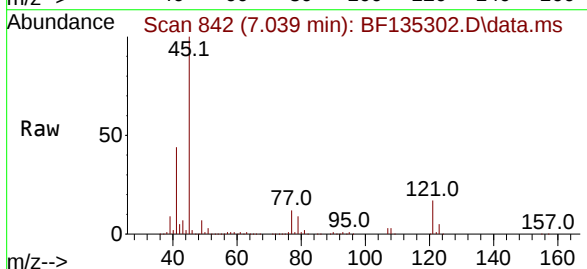
Instrument :
BNA_F
ClientSampleId :
PB155317BS

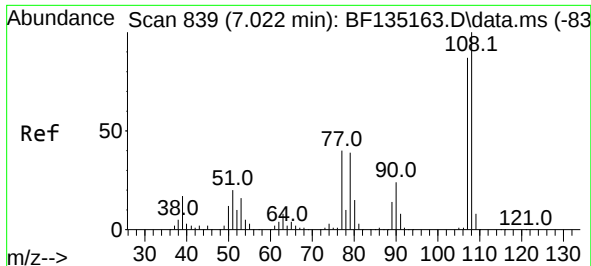
Tgt Ion: 79 Resp: 258427
Ion Ratio Lower Upper
79 100
108 77.3 61.2 91.8
77 61.8 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.374 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion: 45 Resp: 517696
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.6
79 9.4 0.0 28.3

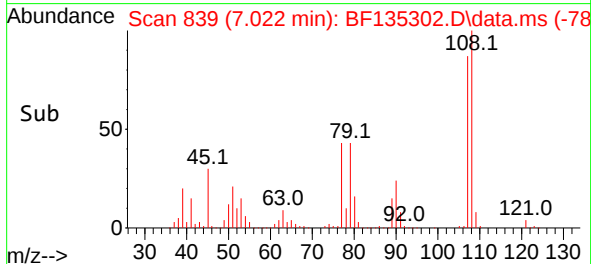
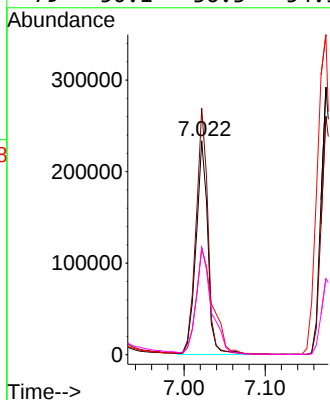
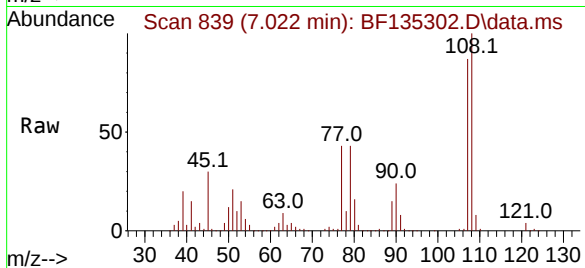




#17
2-Methylphenol
Concen: 20.539 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

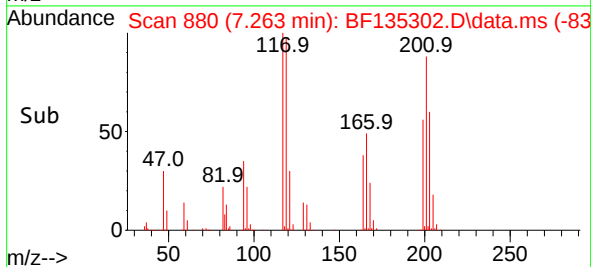
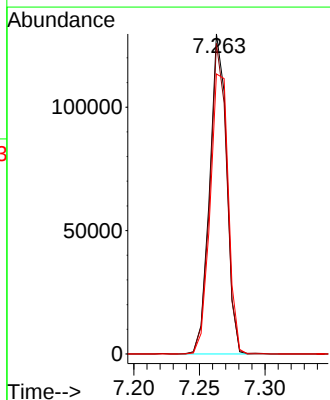
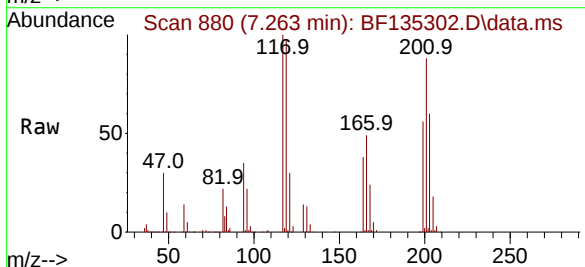
Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion:107 Resp: 237715
Ion Ratio Lower Upper
107 100
108 115.2 92.0 138.0
77 49.9 36.7 55.1
79 50.1 36.3 54.5



#18
Hexachloroethane
Concen: 23.368 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:117 Resp: 117089
Ion Ratio Lower Upper
117 100
119 97.0 74.7 112.1
201 87.5 81.8 122.8

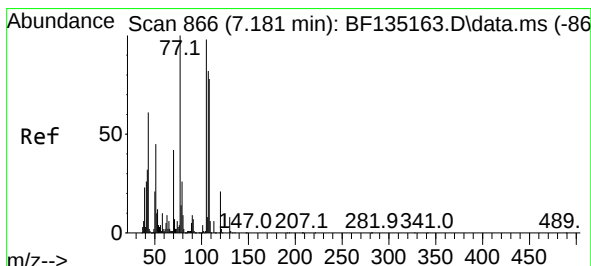
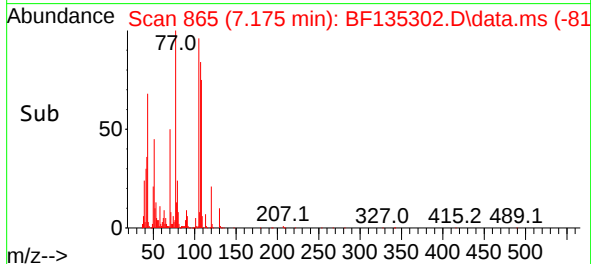
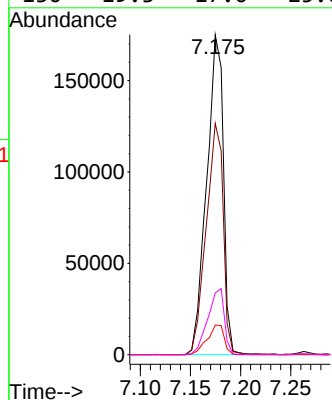
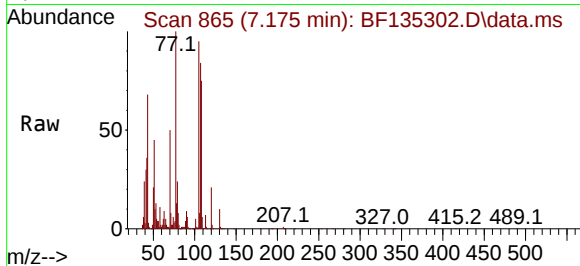




#19
n-Nitroso-di-n-propylamine
Concen: 21.108 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

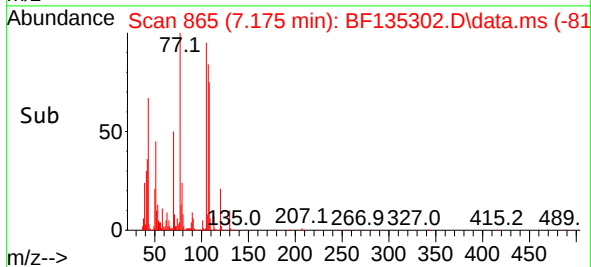
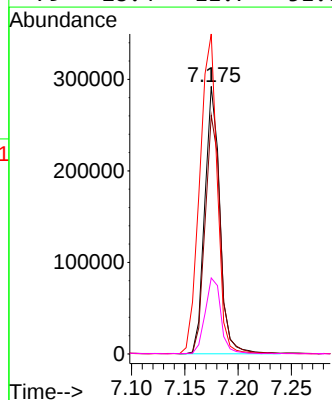
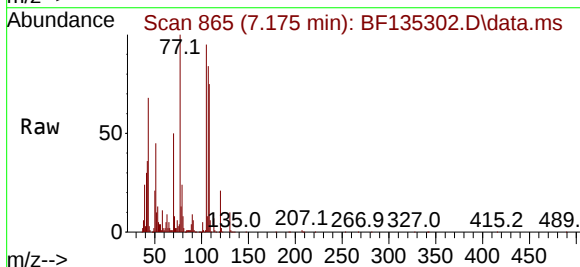
Instrument :
BNA_F
ClientSampleId :
PB155317BS

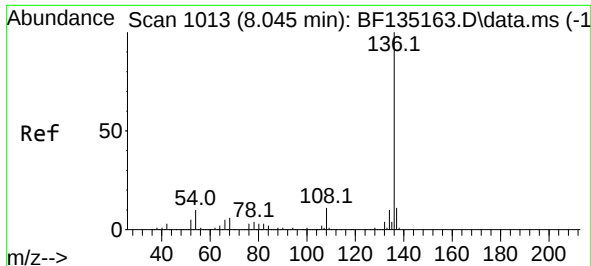
Tgt Ion: 70 Resp: 204248
Ion Ratio Lower Upper
70 100
42 72.3 55.4 83.0
101 9.2 7.7 11.5
130 19.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 20.657 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:107 Resp: 287488
Ion Ratio Lower Upper
107 100
108 89.2 74.7 114.7
77 119.6 102.0 142.0
79 28.4 11.7 51.7

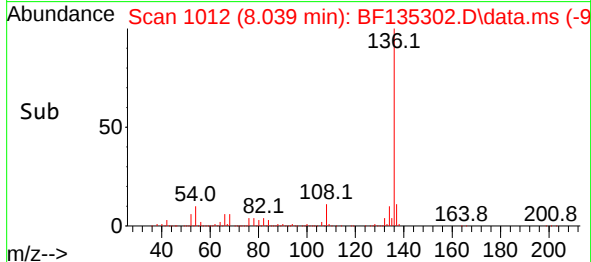
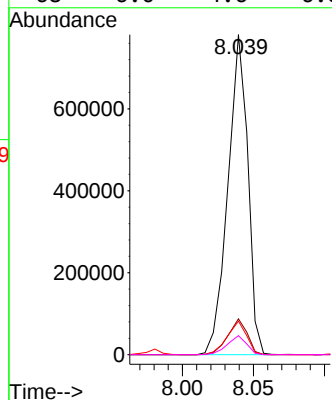
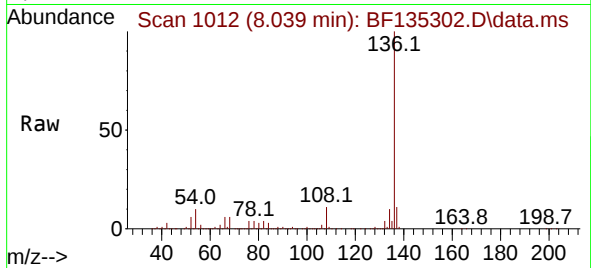




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

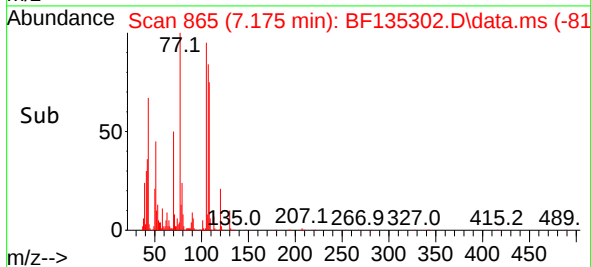
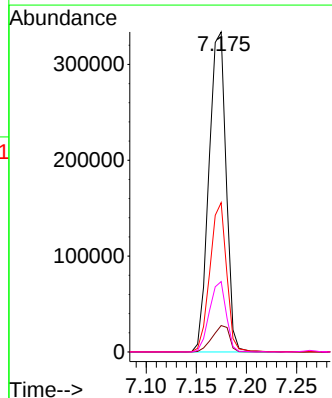
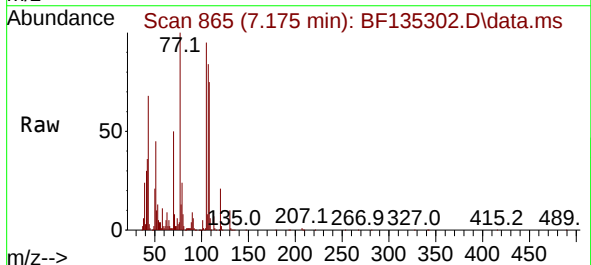
Instrument :
BNA_F
ClientSampleId :
PB155317BS

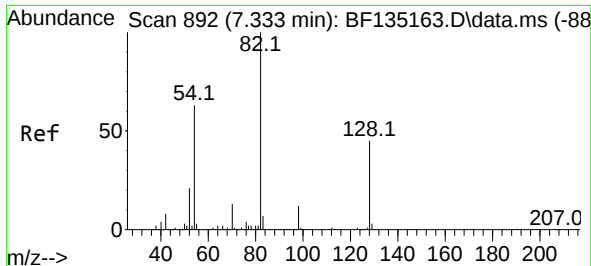
Tgt Ion:	136	Resp:	762520
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.5	7.7	11.5
68	6.0	4.6	6.8



#22
Acetophenone
Concen: 22.852 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:	105	Resp:	398383
Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.6
51	46.7	37.0	55.4
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 43.640 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

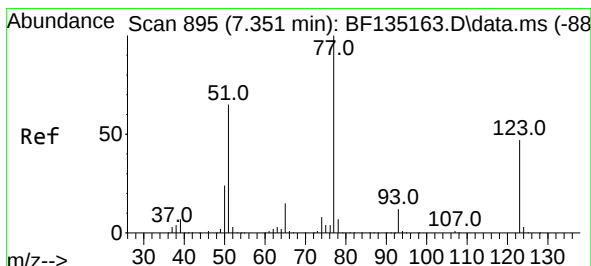
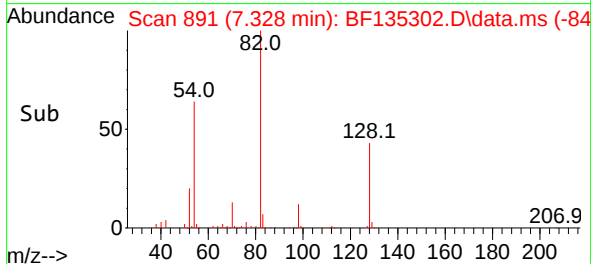
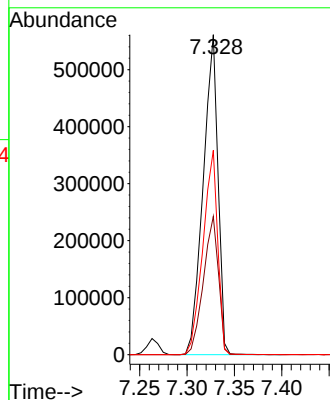
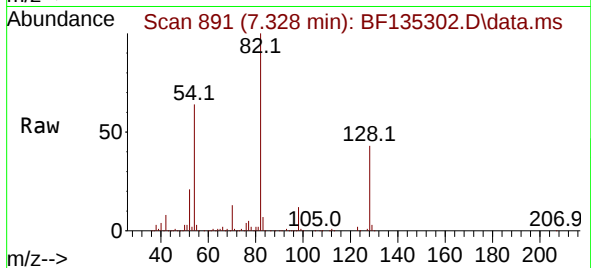
Tgt Ion: 82 Resp: 612489

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

54 63.9 50.6 76.0



#24

Nitrobenzene

Concen: 22.867 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

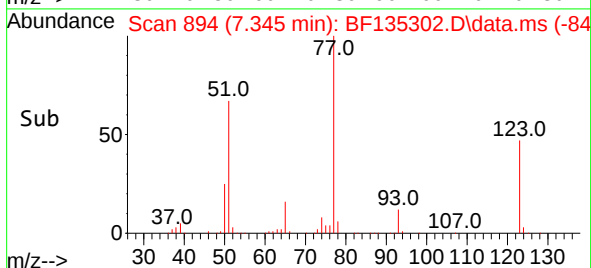
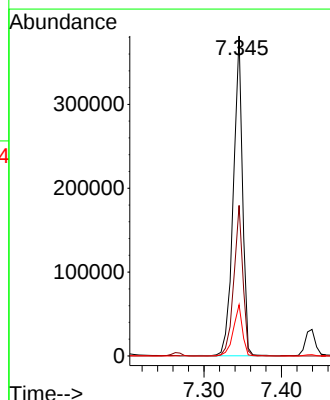
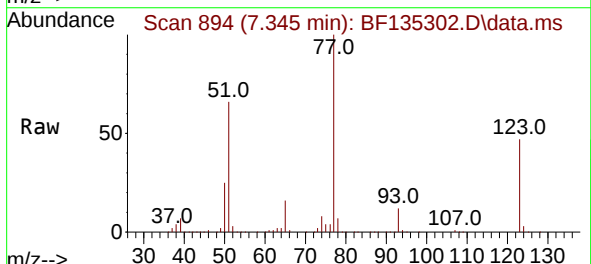
Tgt Ion: 77 Resp: 317213

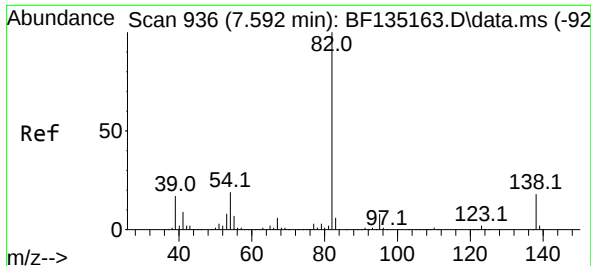
Ion Ratio Lower Upper

77 100

123 47.1 37.6 56.4

65 16.0 12.2 18.4

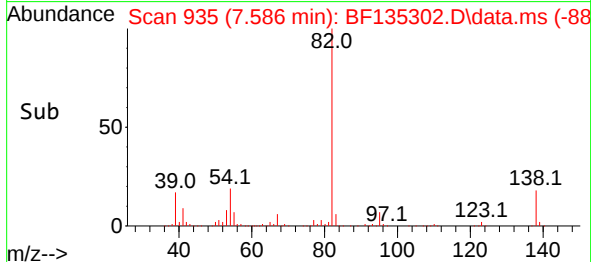
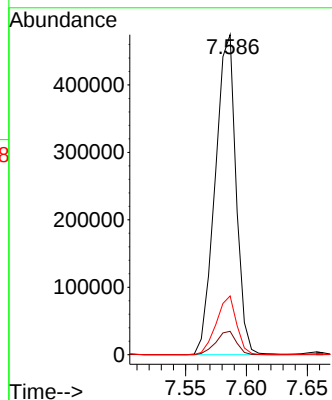
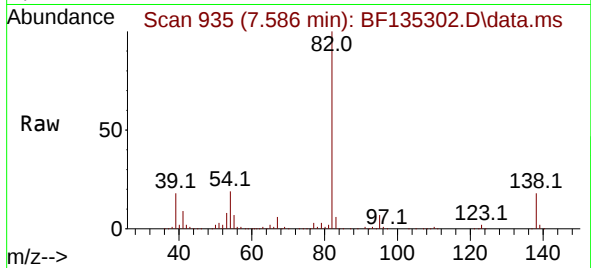




#25
Isophorone
Concen: 21.940 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

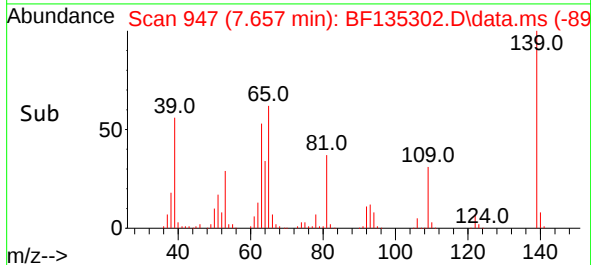
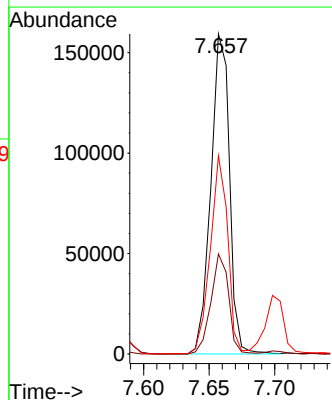
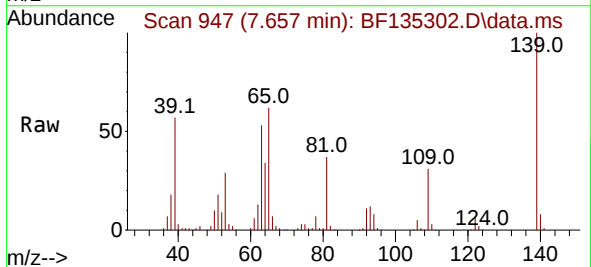
Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion: 82 Resp: 565451
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.3 14.5 21.7



#26
2-Nitrophenol
Concen: 23.675 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:139 Resp: 157624
Ion Ratio Lower Upper
139 100
109 31.2 22.6 33.8
65 62.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 23.281 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

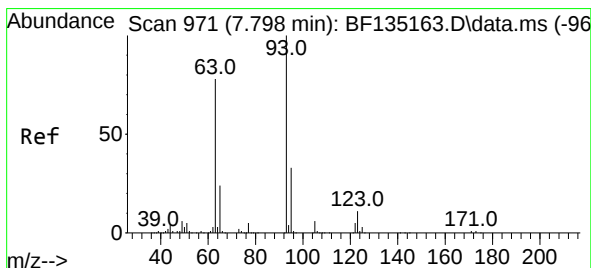
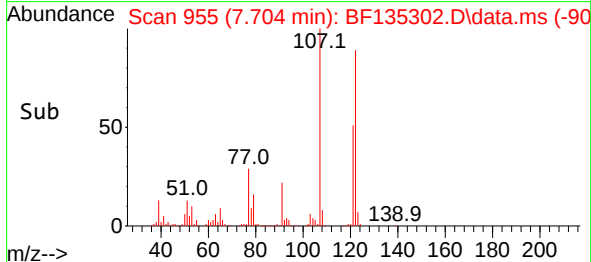
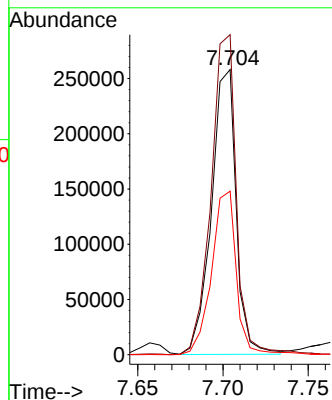
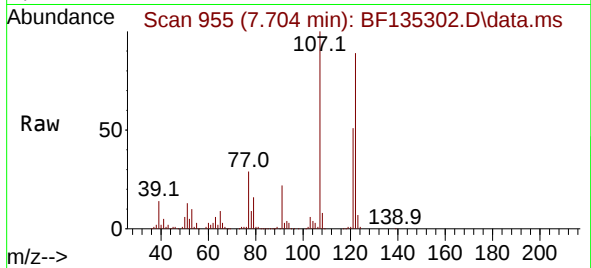
Tgt Ion:122 Resp: 260538

Ion Ratio Lower Upper

122 100

107 112.2 90.2 135.4

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 22.535 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

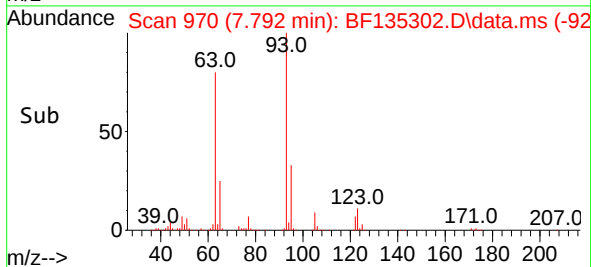
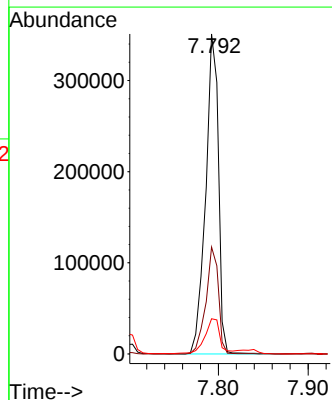
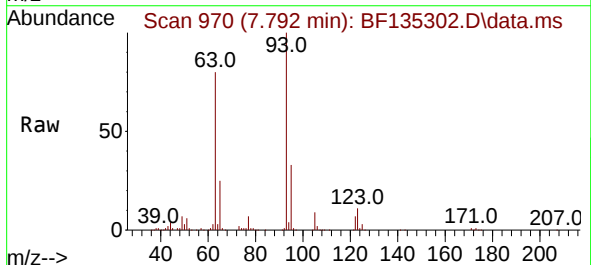
Tgt Ion: 93 Resp: 347607

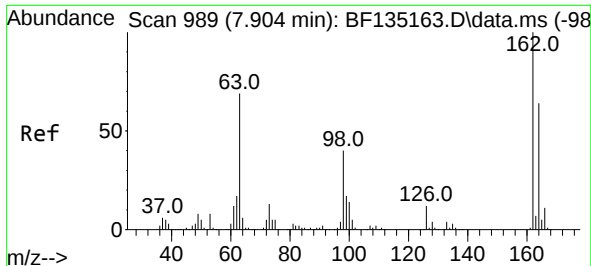
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 23.266 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

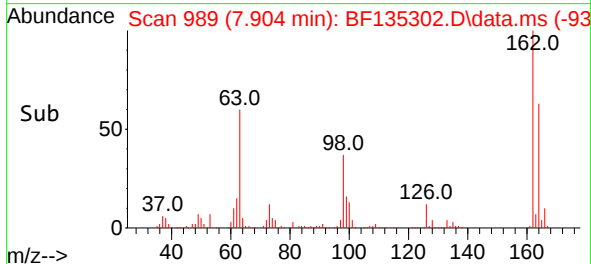
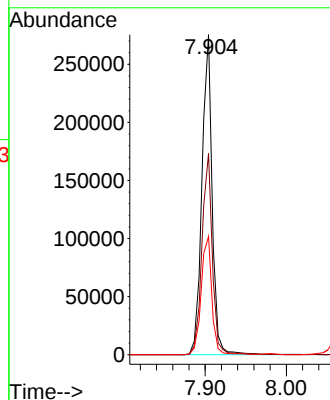
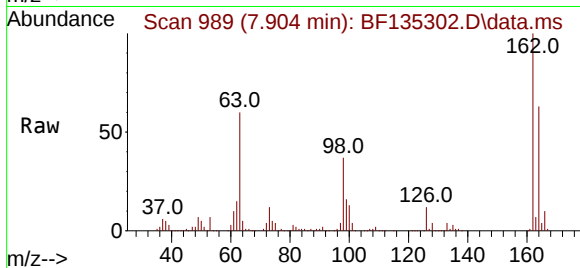
Tgt Ion:162 Resp: 241266

Ion Ratio Lower Upper

162 100

164 62.8 44.1 84.1

98 37.0 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 24.087 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

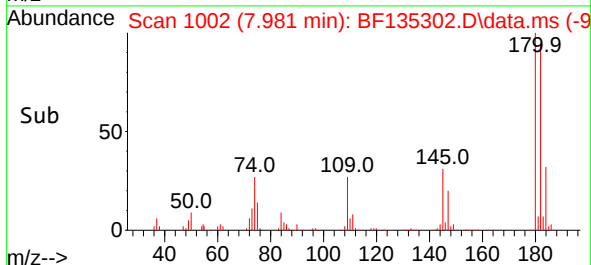
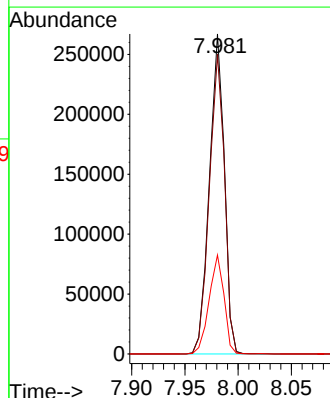
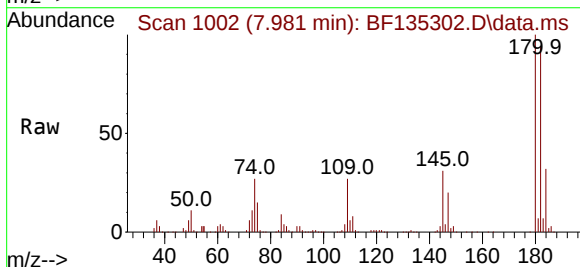
Tgt Ion:180 Resp: 261080

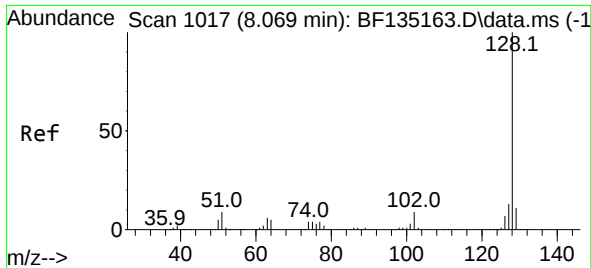
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 30.9 24.5 36.7

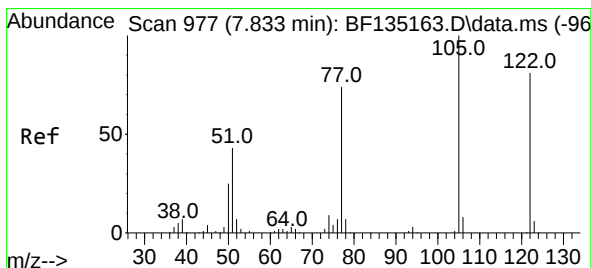
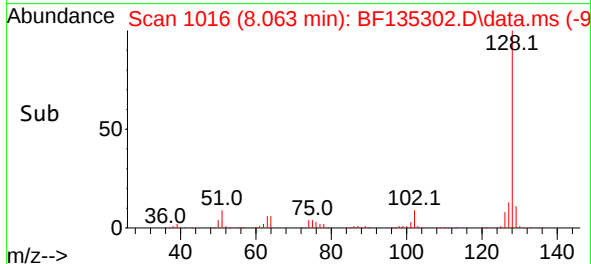
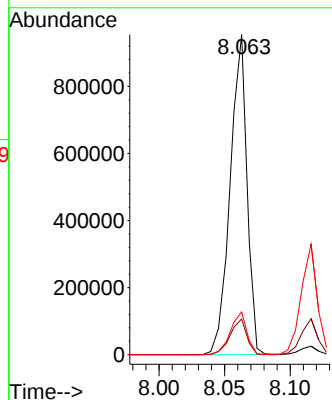
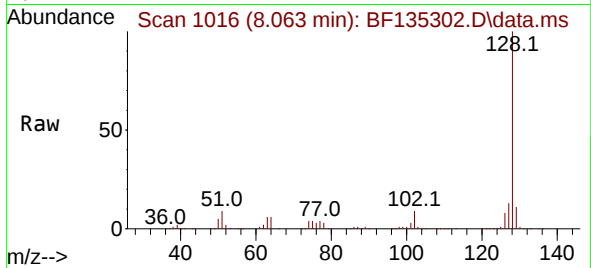




#31
Naphthalene
Concen: 23.030 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

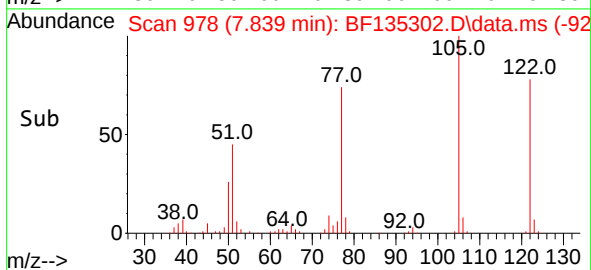
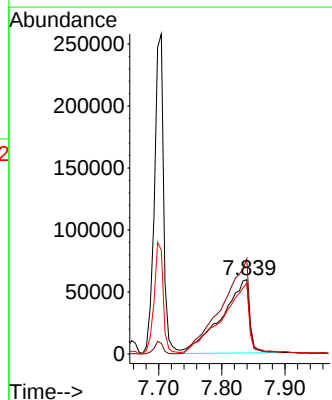
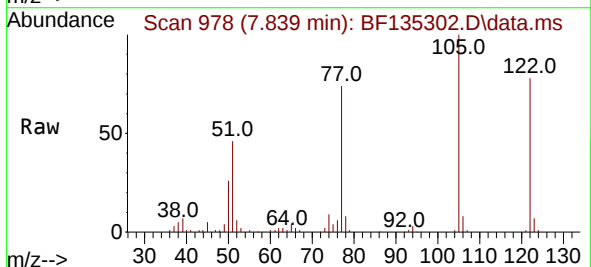
Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion:128 Resp: 853218
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 21.656 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:122 Resp: 182493
Ion Ratio Lower Upper
122 100
105 128.2 99.9 139.9
77 95.4 70.0 110.0

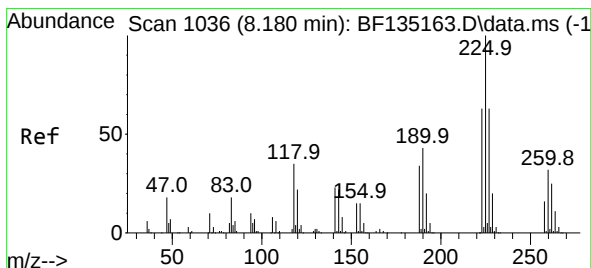
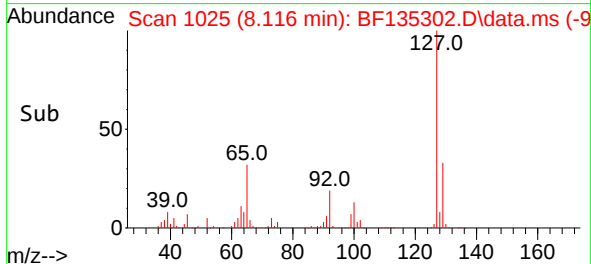
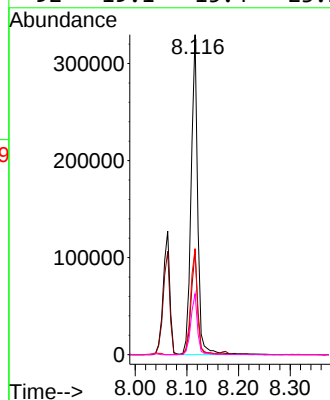
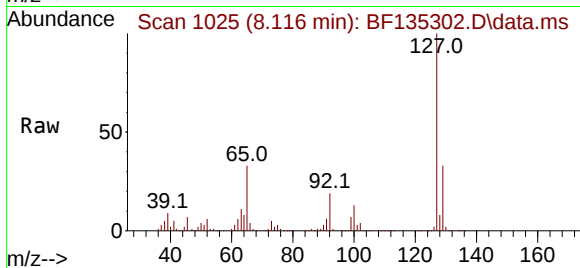




#33
4-Chloroaniline
Concen: 18.085 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

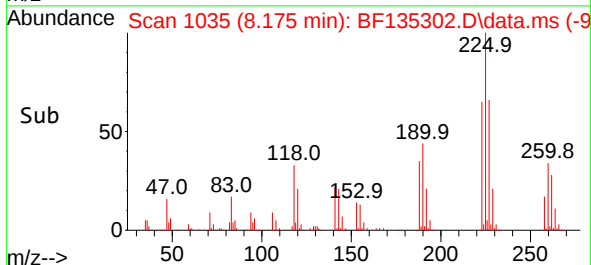
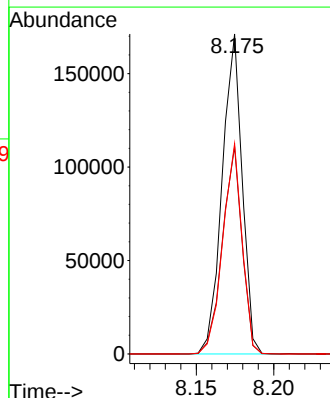
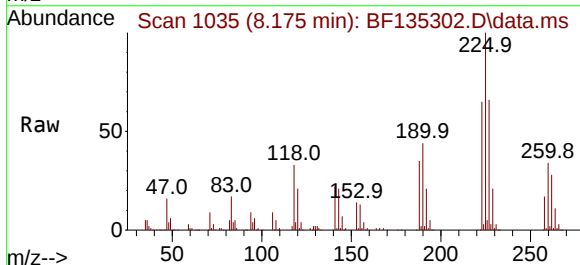
Instrument :
BNA_F
ClientSampleId :
PB155317BS

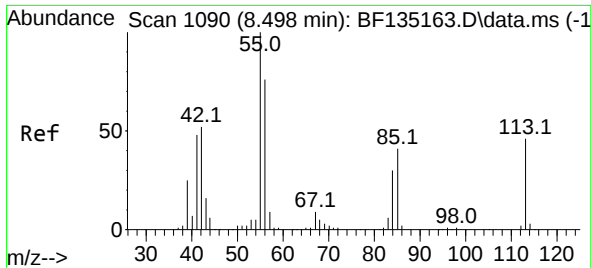
Tgt Ion:	127	Resp:	293966
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	33.2	26.6	39.8
92	19.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 23.468 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:	225	Resp:	153379
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	75.8
227	65.7	50.8	76.2

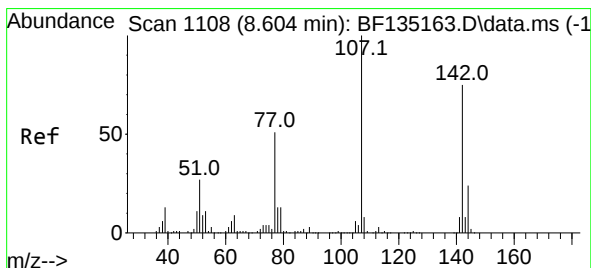
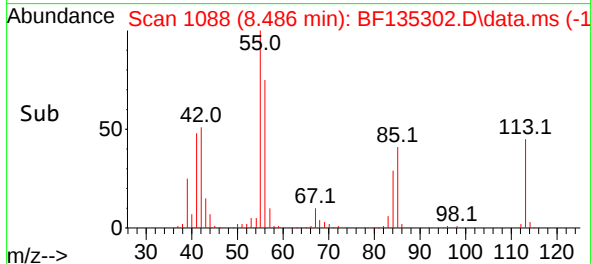
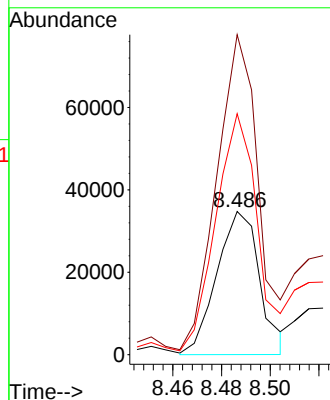
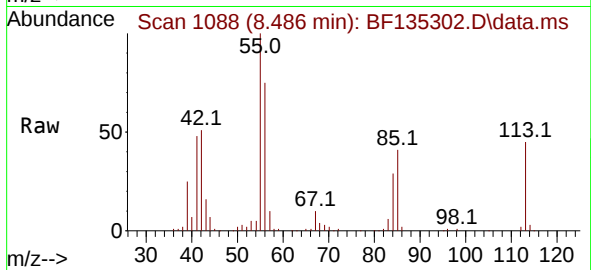




#35
 Caprolactam
 Concen: 12.214 ng
 RT: 8.486 min Scan# 1090
 Delta R.T. -0.012 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

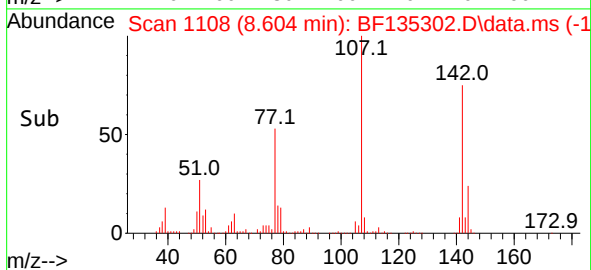
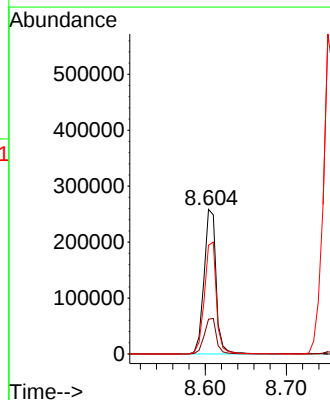
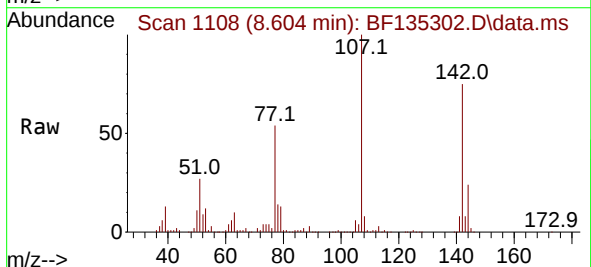
Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS

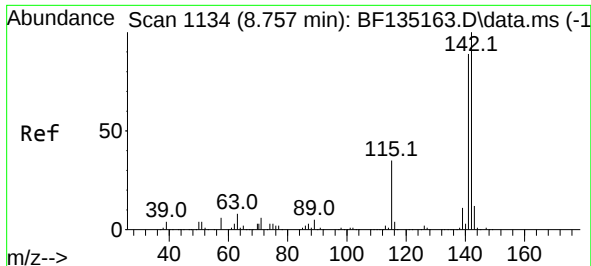
Tgt Ion:113 Resp: 42509
 Ion Ratio Lower Upper
 113 100
 55 223.5 199.3 239.3
 56 168.3 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 23.162 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135302.D
 Acq: 18 Sep 2023 12:48

Tgt Ion:107 Resp: 266951
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.0 28.4
 142 75.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 22.033 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

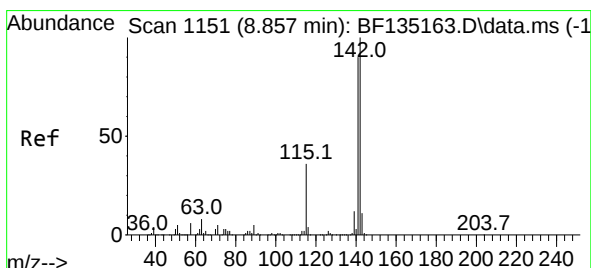
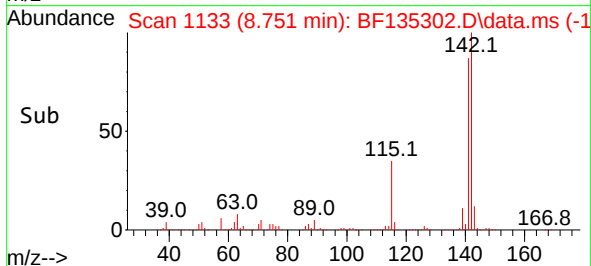
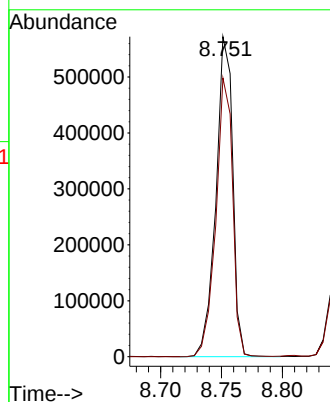
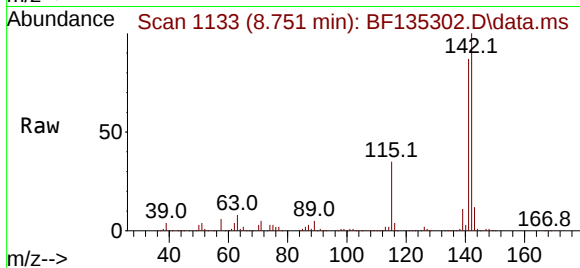
PB155317BS

Tgt Ion:142 Resp: 548699

Ion Ratio Lower Upper

142 100

141 87.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 21.640 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135302.D

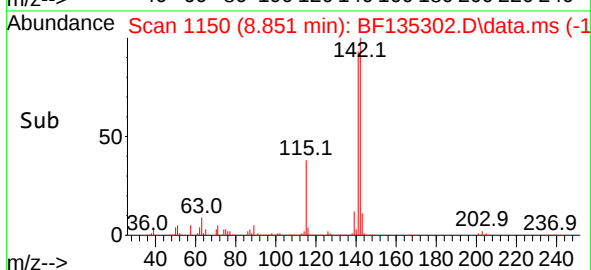
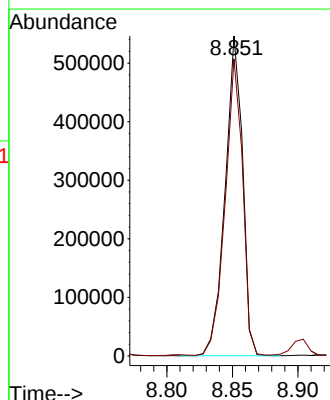
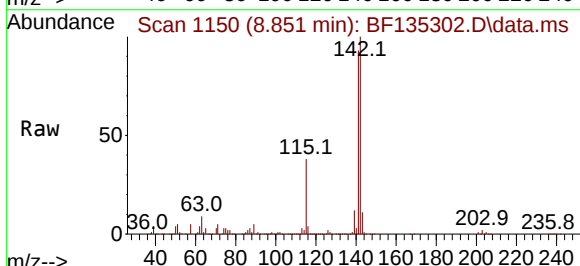
Acq: 18 Sep 2023 12:48

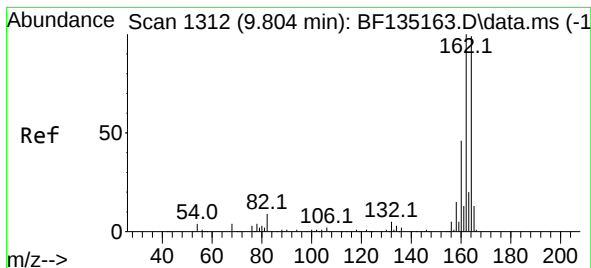
Tgt Ion:142 Resp: 504563

Ion Ratio Lower Upper

142 100

141 92.9 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

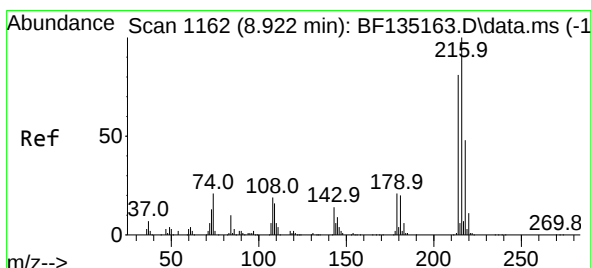
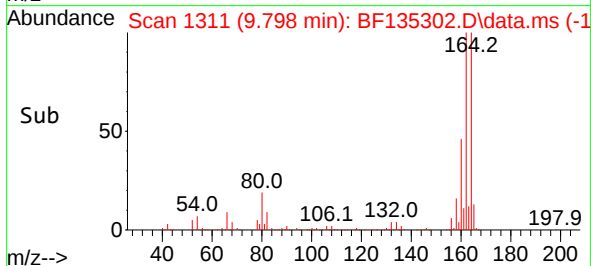
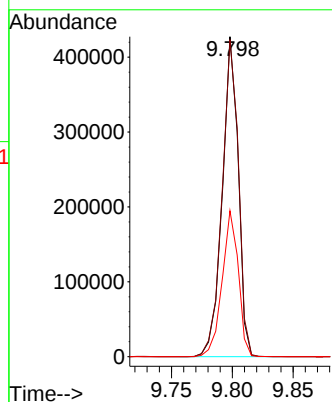
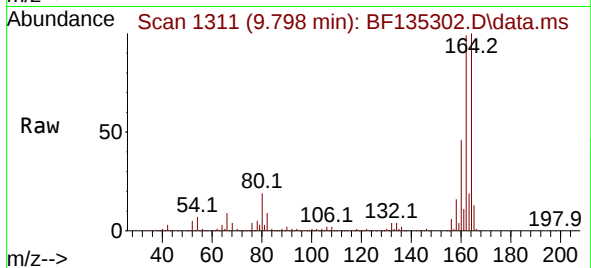
Tgt Ion:164 Resp: 389274

Ion Ratio Lower Upper

164 100

162 99.1 81.0 121.4

160 45.6 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.745 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion:216 Resp: 256507

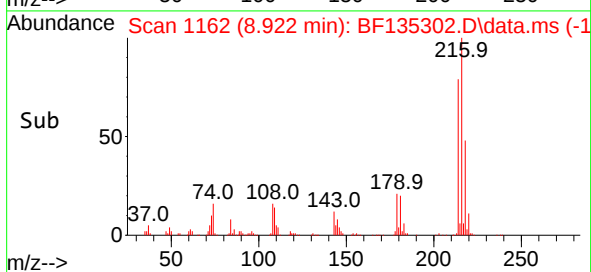
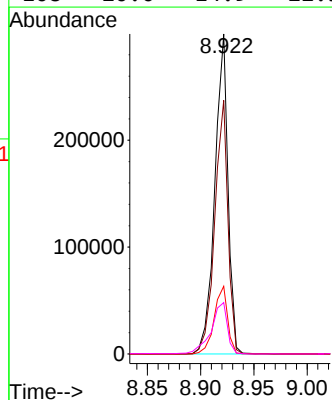
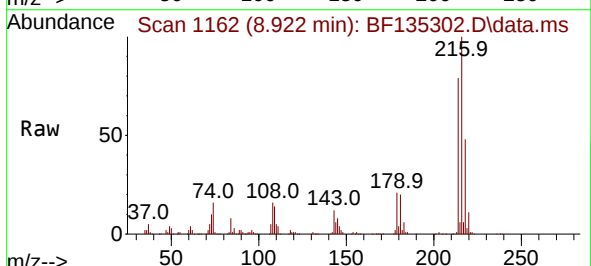
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 21.6 16.7 25.1

108 20.0 14.9 22.3

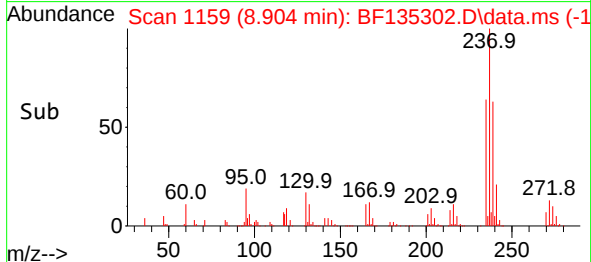
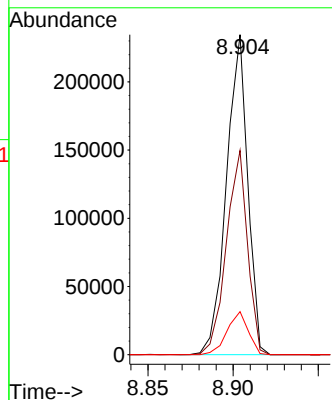
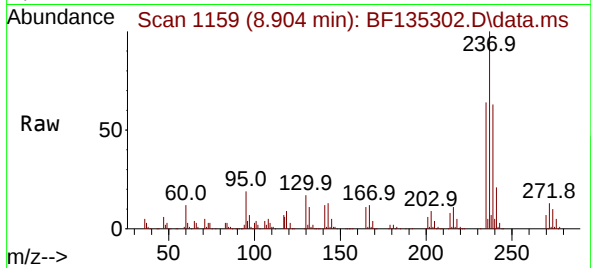




#41
Hexachlorocyclopentadiene
Concen: 44.631 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

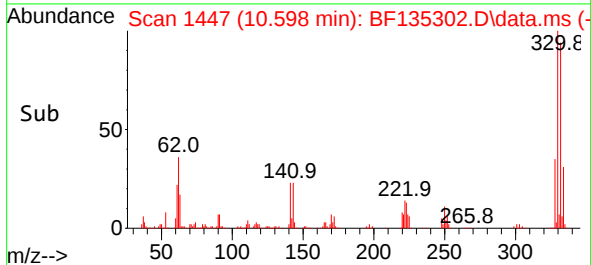
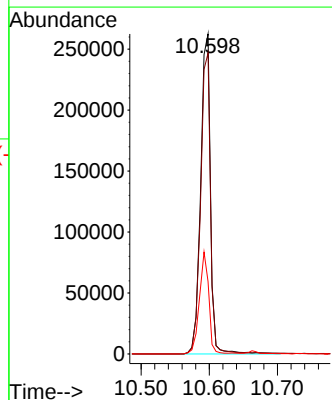
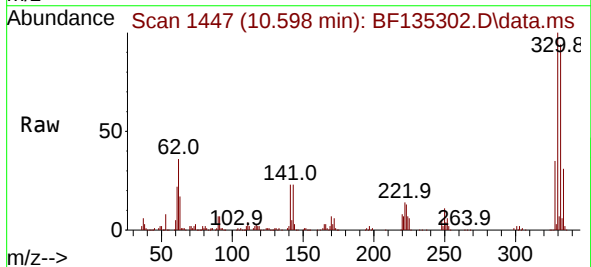
Instrument :
BNA_F
ClientSampleId :
PB155317BS

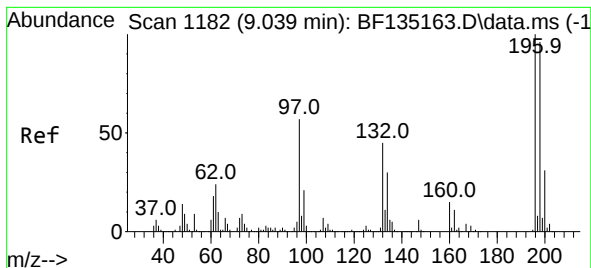
Tgt Ion:237 Resp: 203908
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 68.156 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:330 Resp: 263658
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 30.7 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 23.010 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

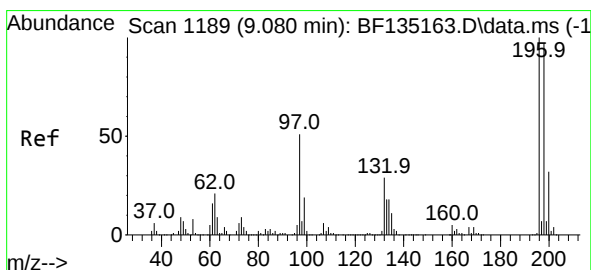
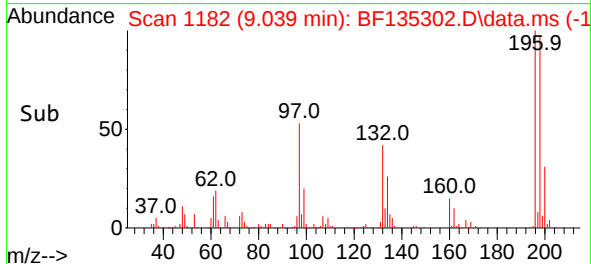
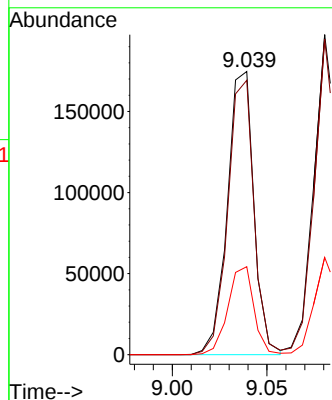
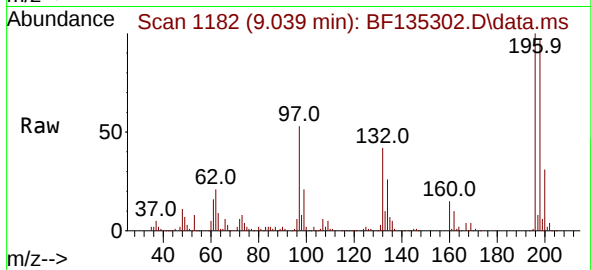
Tgt Ion:196 Resp: 169906

Ion Ratio Lower Upper

196 100

198 96.9 77.0 115.6

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 21.705 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion:196 Resp: 184568

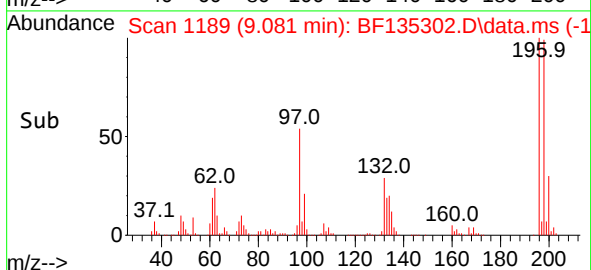
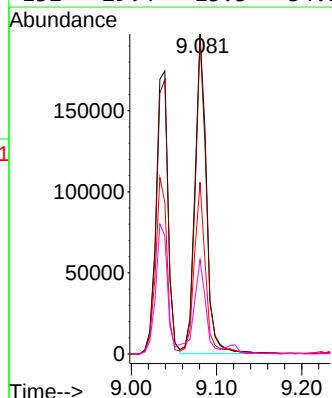
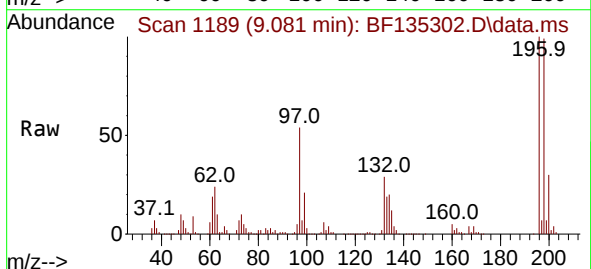
Ion Ratio Lower Upper

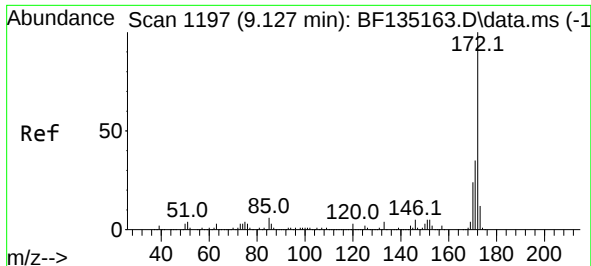
196 100

198 98.6 77.5 116.3

97 53.7 40.5 60.7

132 29.4 23.3 34.9

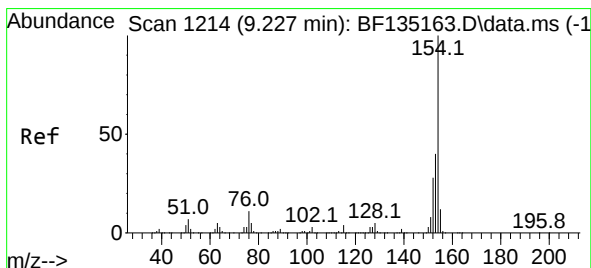
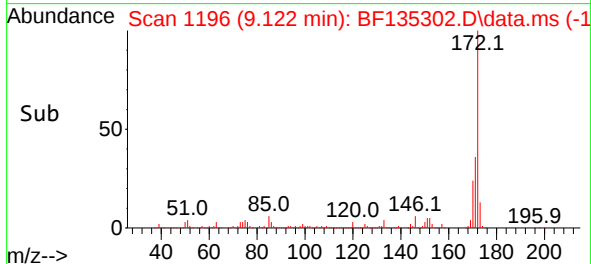
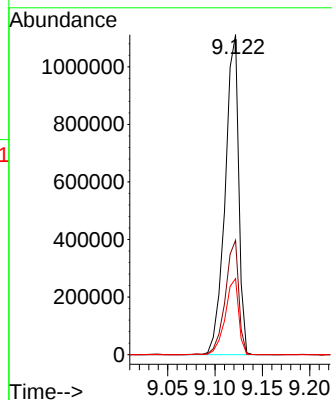
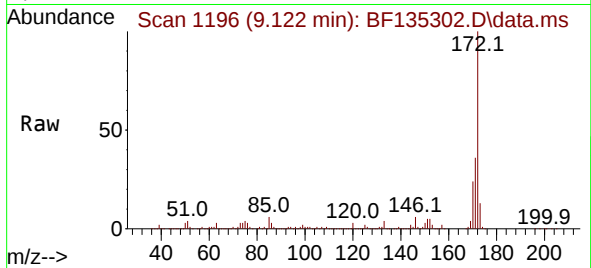




#45
2-Fluorobiphenyl
Concen: 43.035 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

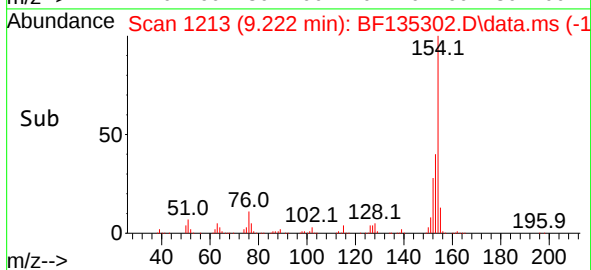
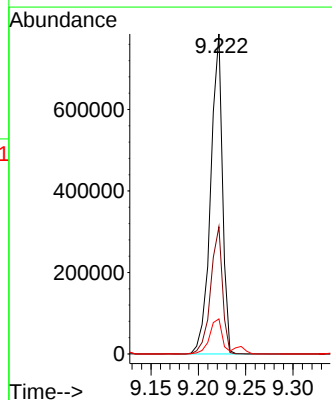
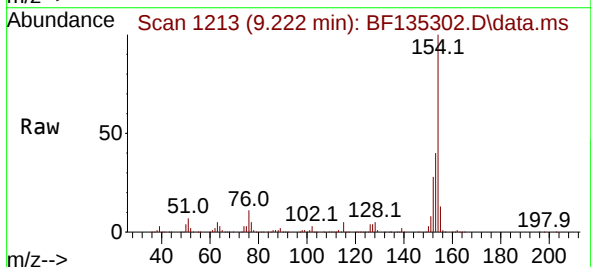
Instrument :
BNA_F
ClientSampleId :
PB155317BS

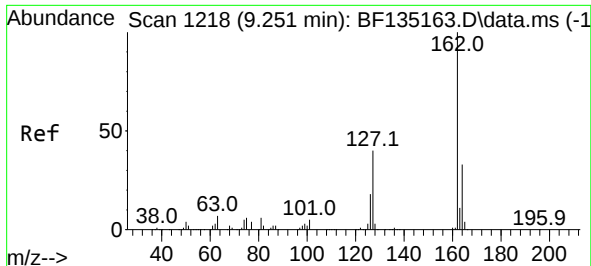
Tgt Ion:172 Resp: 1110374
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 22.675 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:154 Resp: 678321
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 10.9 0.0 31.0

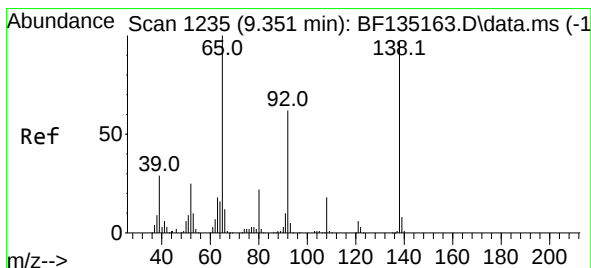
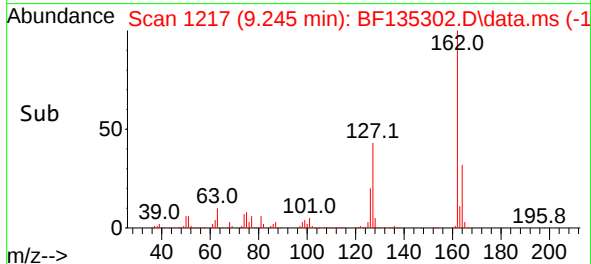
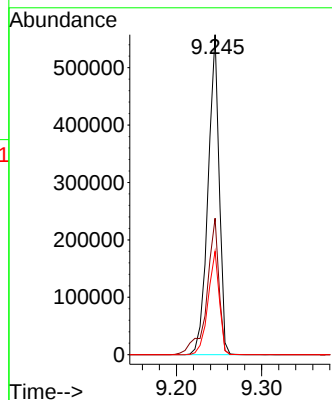
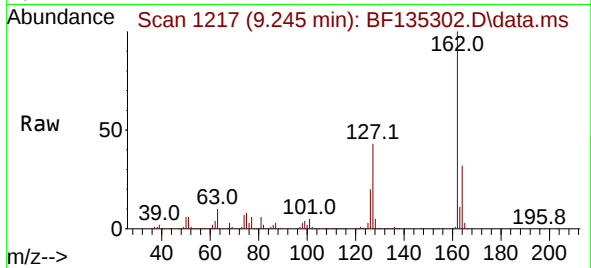




#47
2-Chloronaphthalene
Concen: 23.321 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

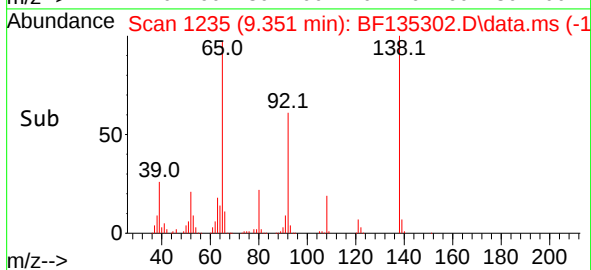
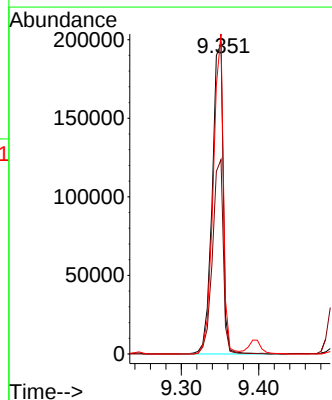
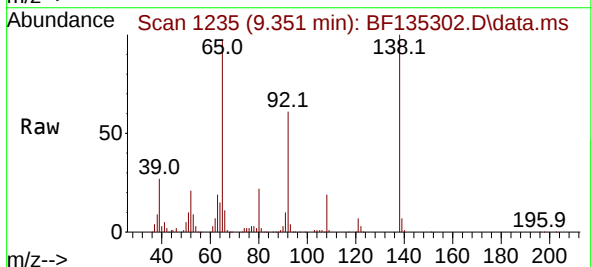
Instrument :
BNA_F
ClientSampleId :
PB155317BS

Tgt Ion:162 Resp: 506179
Ion Ratio Lower Upper
162 100
127 42.7 32.6 48.8
164 32.3 26.2 39.2



#48
2-Nitroaniline
Concen: 23.011 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion: 65 Resp: 194039
Ion Ratio Lower Upper
65 100
92 62.7 49.4 74.0
138 103.1 77.4 116.0





#49

Acenaphthylene

Concen: 22.529 ng

RT: 9.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

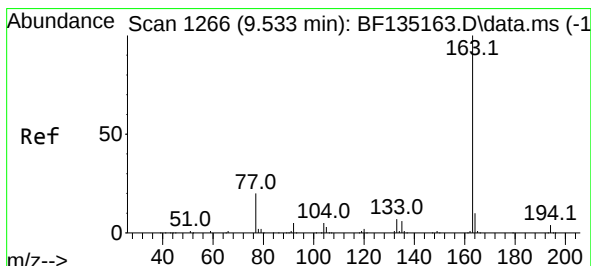
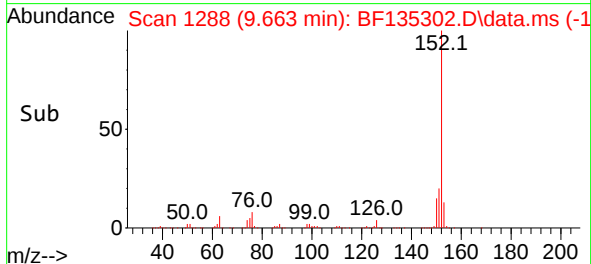
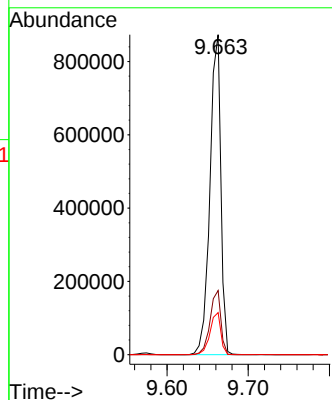
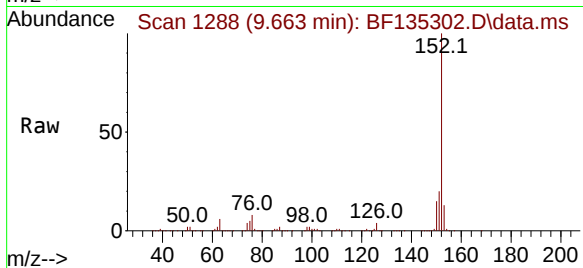
Tgt Ion:152 Resp: 812682

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 22.698 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

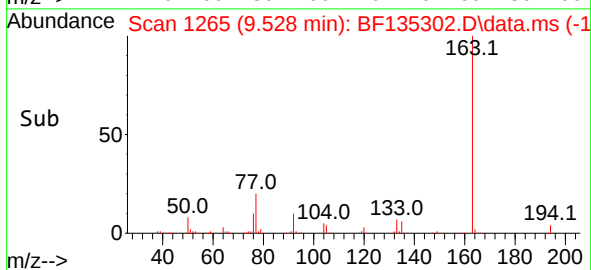
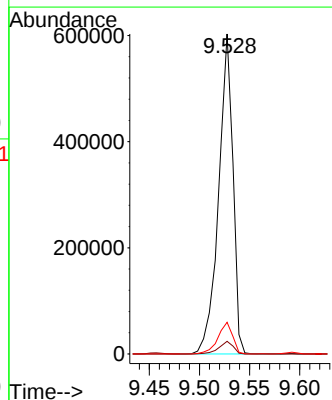
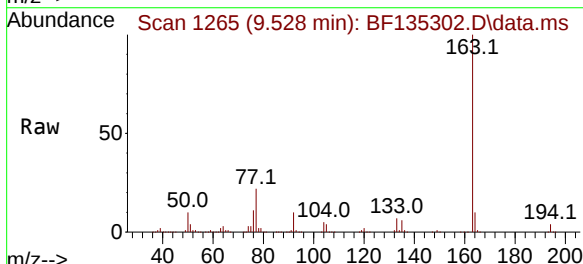
Tgt Ion:163 Resp: 597397

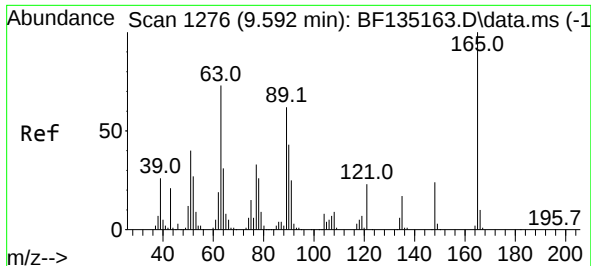
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 22.913 ng

RT: 9.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

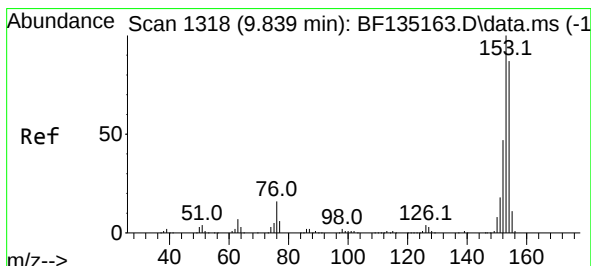
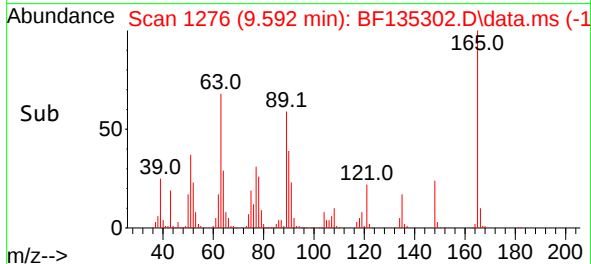
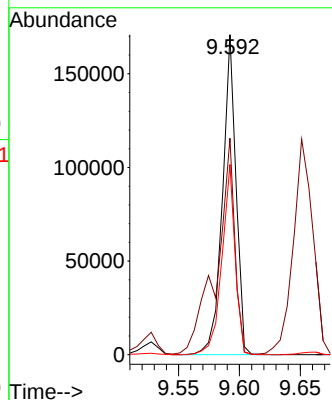
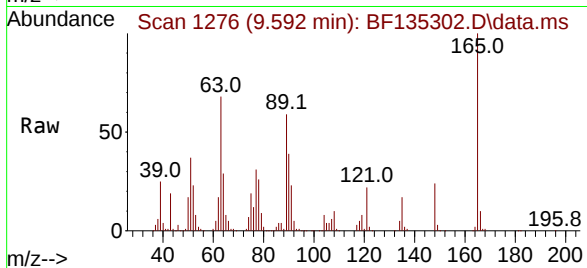
Tgt Ion:165 Resp: 132106

Ion Ratio Lower Upper

165 100

63 67.6 59.4 89.2

89 59.4 49.8 74.8



#52

Acenaphthene

Concen: 22.822 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

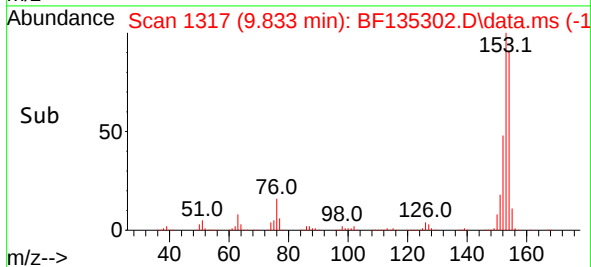
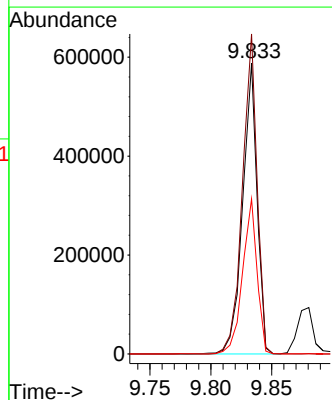
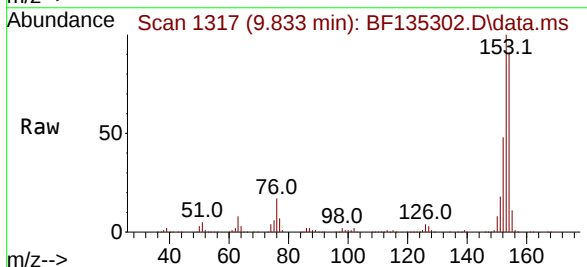
Tgt Ion:154 Resp: 486318

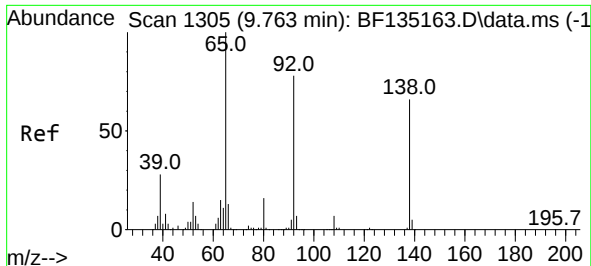
Ion Ratio Lower Upper

154 100

153 110.1 92.1 138.1

152 53.4 43.1 64.7

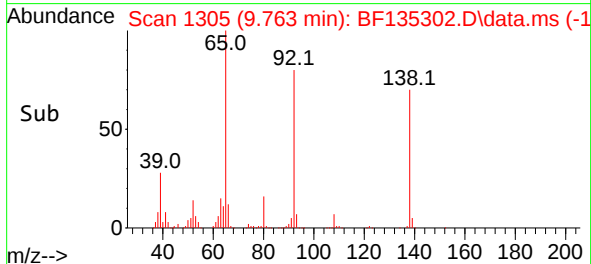
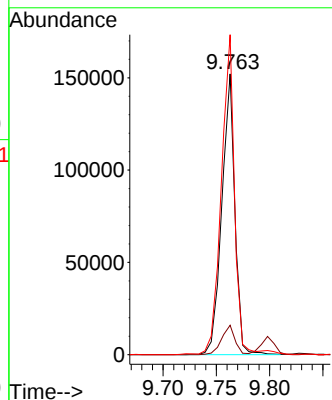
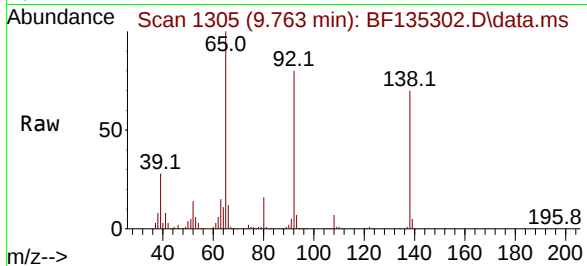




#53
3-Nitroaniline
Concen: 19.102 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

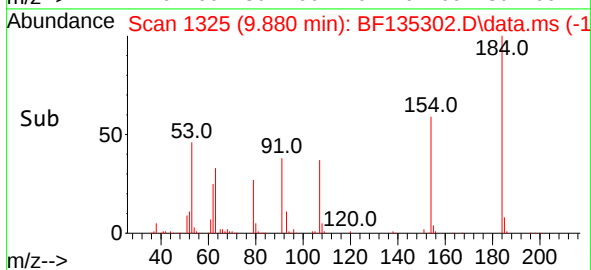
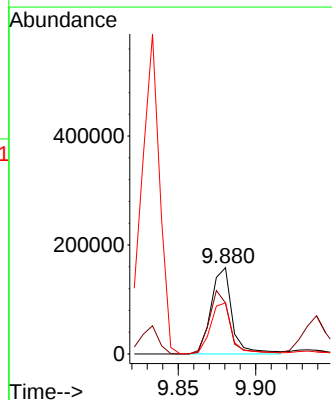
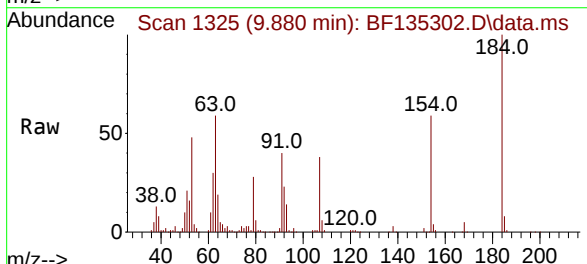
Instrument :
BNA_F
ClientSampleId :
PB155317BS

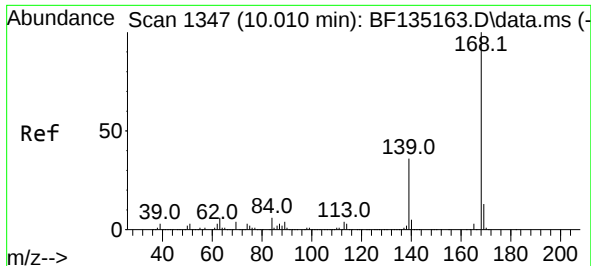
Tgt Ion:138 Resp: 129281
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 114.0 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 48.205 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:184 Resp: 148964
Ion Ratio Lower Upper
184 100
63 59.3 55.1 82.7
154 59.2 48.4 72.6

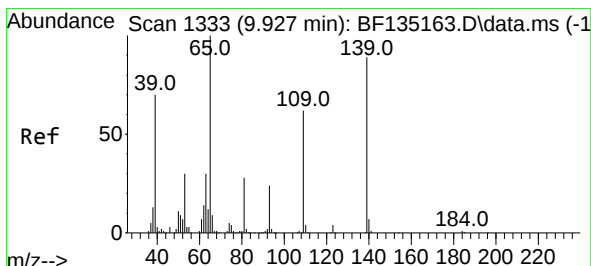
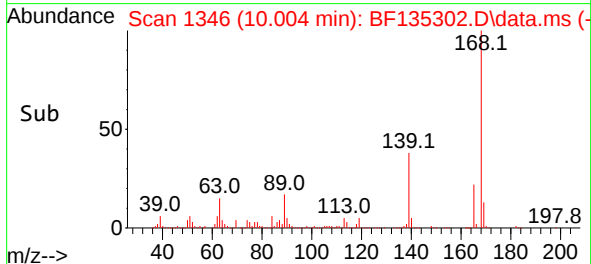
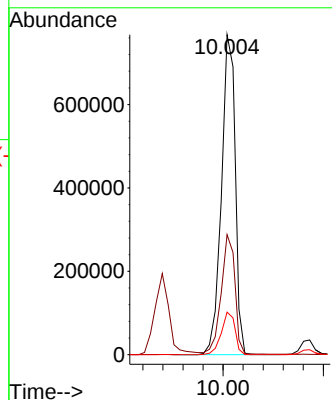
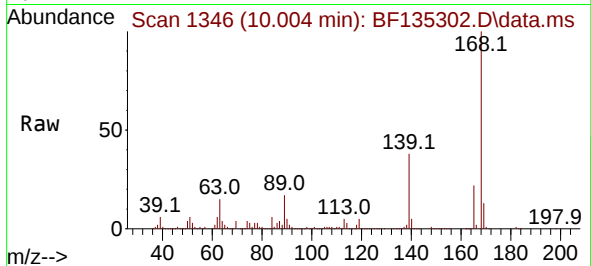




#55
Dibenzofuran
Concen: 22.514 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

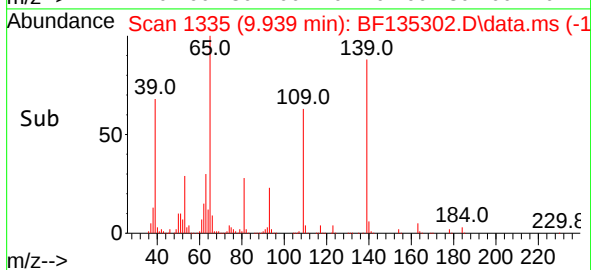
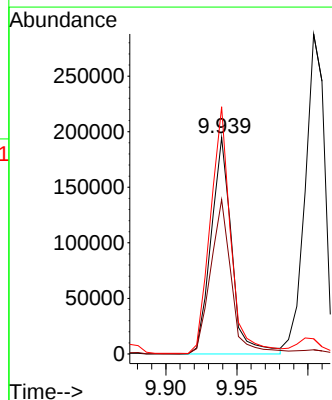
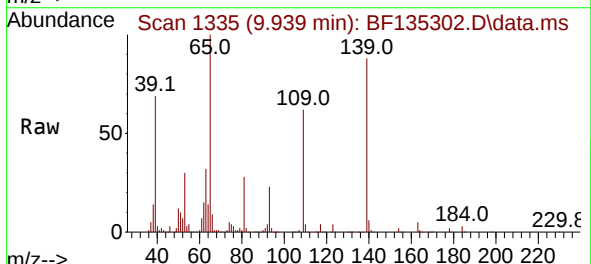
Instrument :
BNA_F
ClientSampleId :
PB155317BS

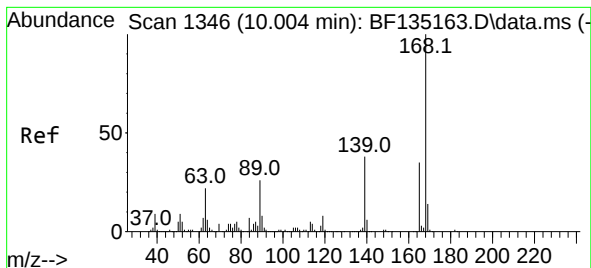
Tgt Ion:168 Resp: 732127
Ion Ratio Lower Upper
168 100
139 37.5 29.0 43.6
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 45.690 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:139 Resp: 196527
Ion Ratio Lower Upper
139 100
109 71.3 49.8 89.8
65 114.2 92.7 132.7





#57

2,4-Dinitrotoluene

Concen: 23.267 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

Tgt Ion:165 Resp: 167942

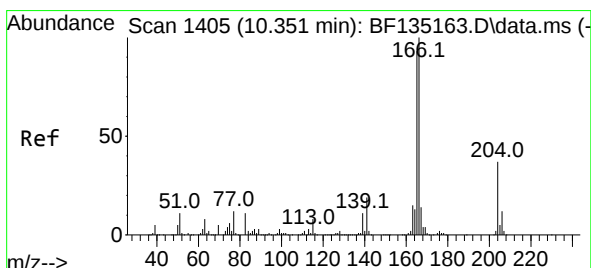
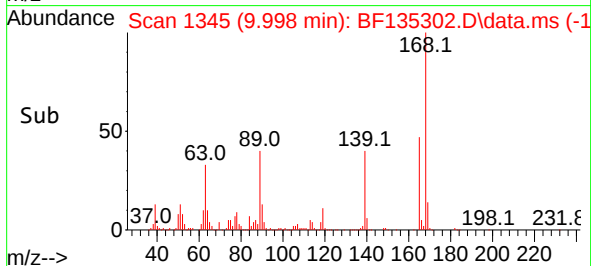
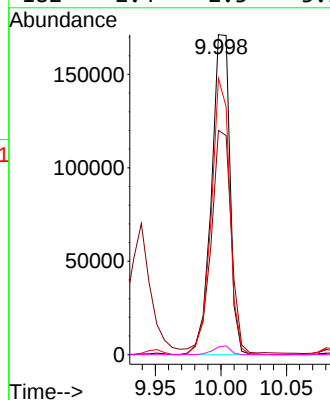
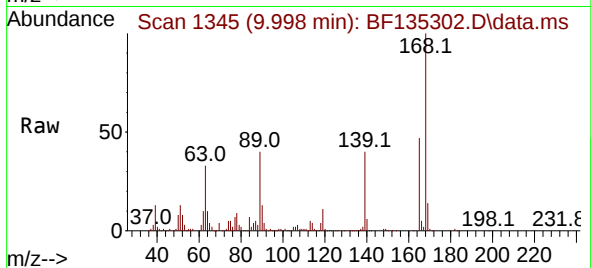
Ion Ratio Lower Upper

165 100

63 70.1 50.1 75.1

89 86.4 59.3 88.9

182 2.4 2.3 3.5



#58

Fluorene

Concen: 22.900 ng

RT: 10.351 min Scan# 1405

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

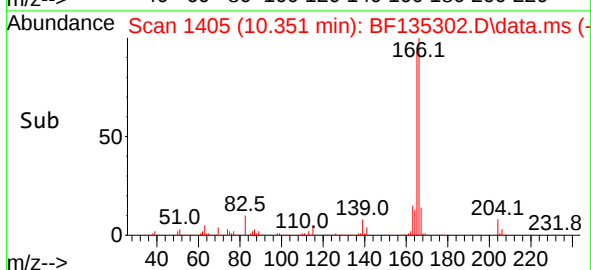
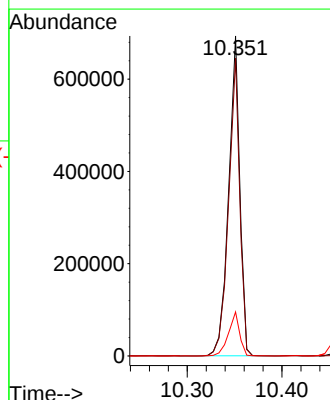
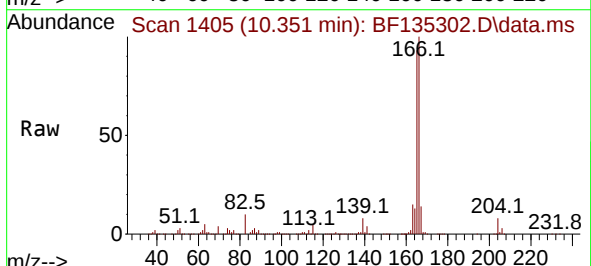
Tgt Ion:166 Resp: 572479

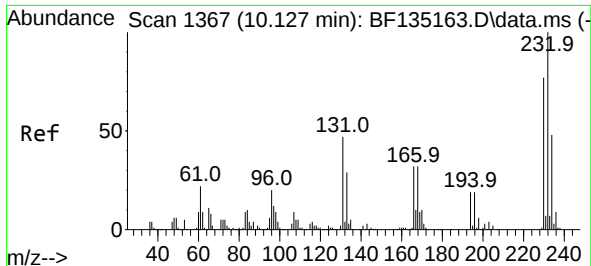
Ion Ratio Lower Upper

166 100

165 93.1 74.3 111.5

167 13.8 10.9 16.3

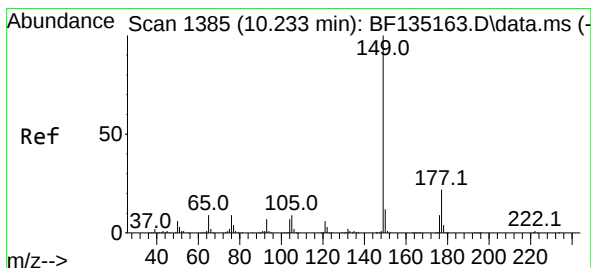
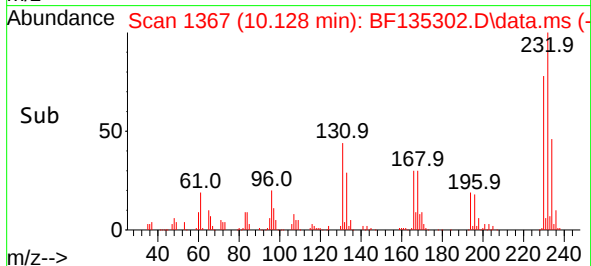
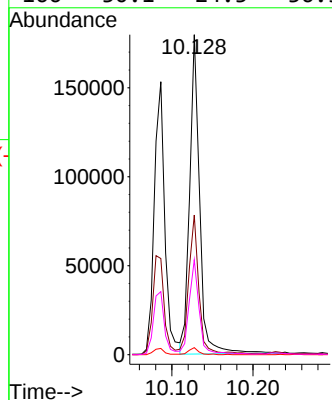
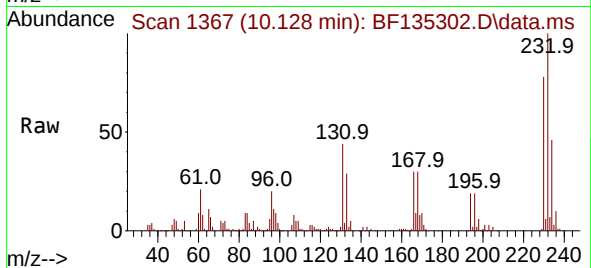




#59
2,3,4,6-Tetrachlorophenol
Concen: 23.333 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

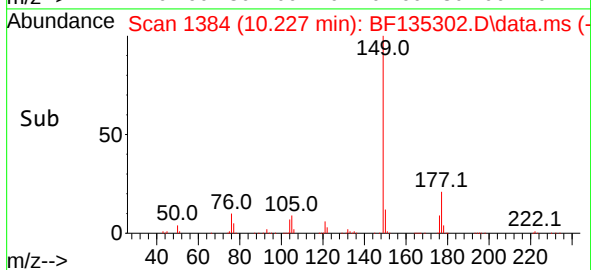
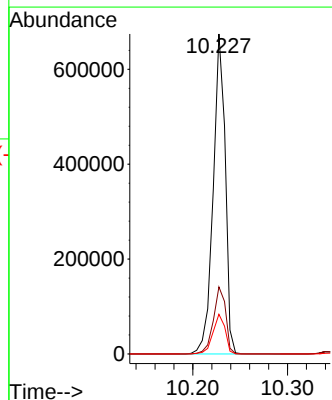
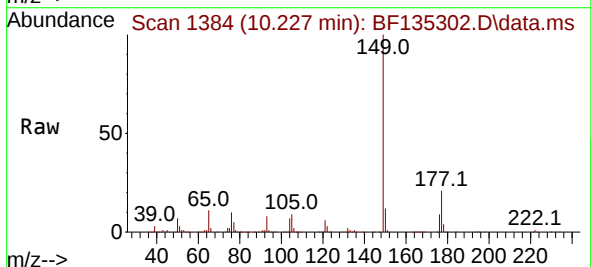
Instrument :
BNA_F
ClientSampleId :
PB155317BS

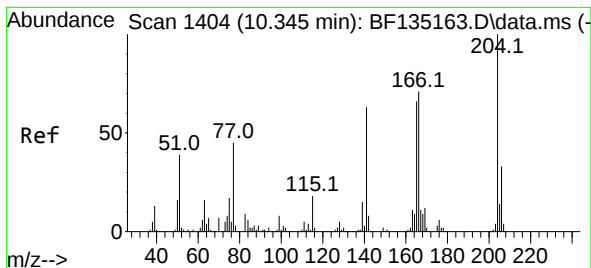
Tgt Ion:232 Resp: 152623
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.2 1.8 2.8
166 30.1 24.3 36.5



#60
Diethylphthalate
Concen: 22.611 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:149 Resp: 597226
Ion Ratio Lower Upper
149 100
177 20.9 17.8 26.6
150 12.4 10.0 15.0

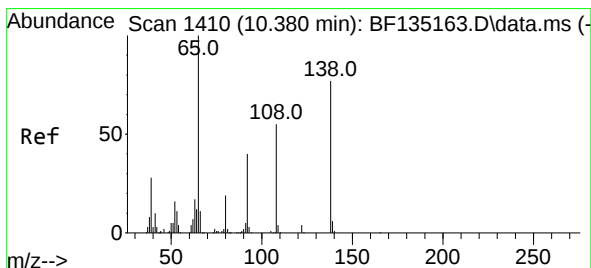
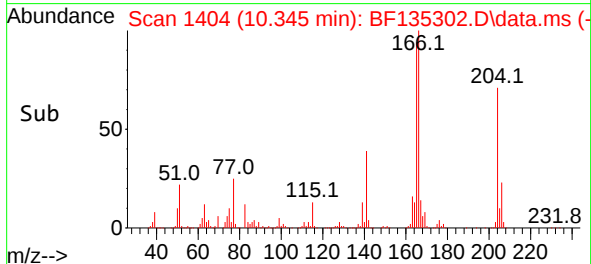
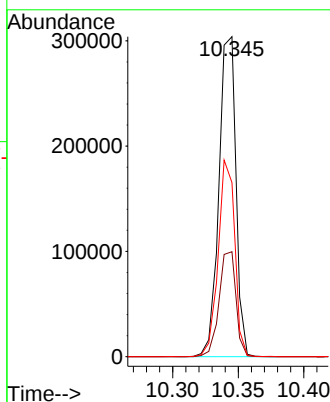
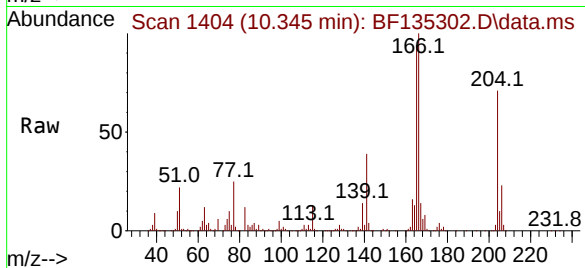




#61
4-Chlorophenyl-phenylether
Concen: 22.829 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

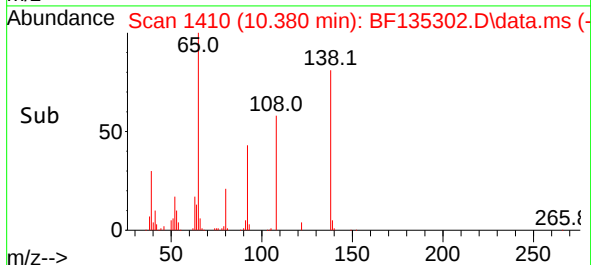
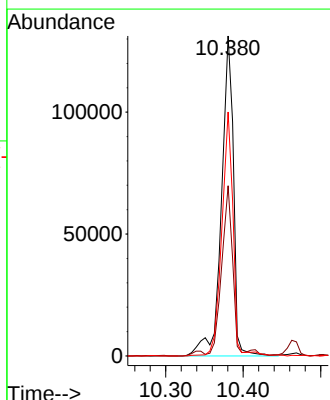
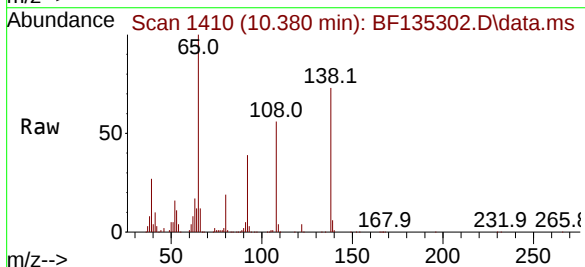
Instrument :
BNA_F
ClientSampleId :
PB155317BS

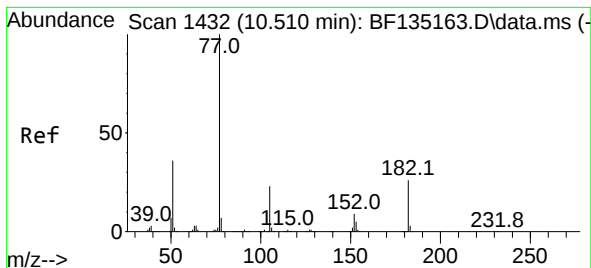
Tgt Ion:204 Resp: 274147
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 54.4 50.6 75.8



#62
4-Nitroaniline
Concen: 21.761 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:138 Resp: 141566
Ion Ratio Lower Upper
138 100
92 53.2 31.8 71.8
108 76.3 52.0 92.0





#63

Azobenzene

Concen: 22.471 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

Tgt Ion: 77 Resp: 580897

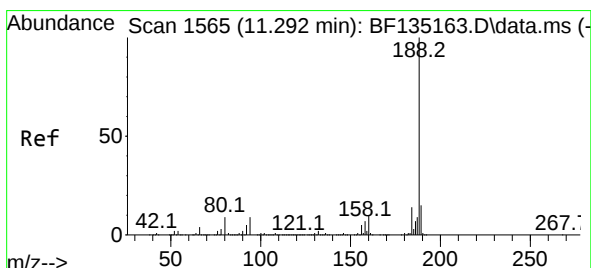
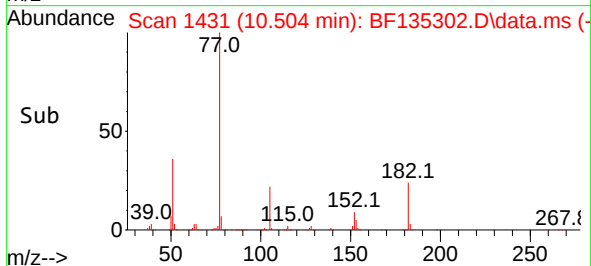
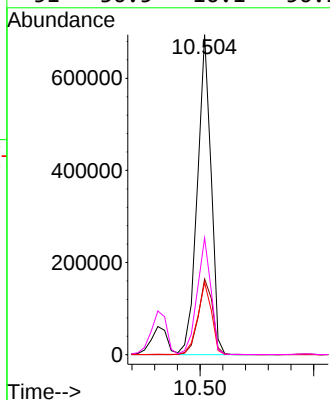
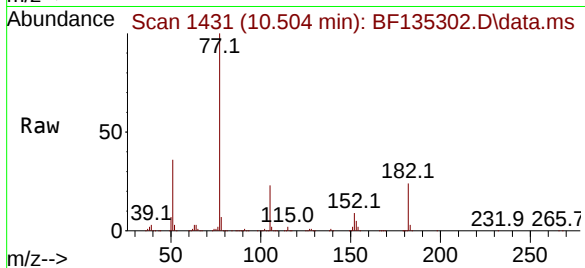
Ion Ratio Lower Upper

77 100

182 23.7 6.4 46.4

105 22.6 3.1 43.1

51 36.5 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

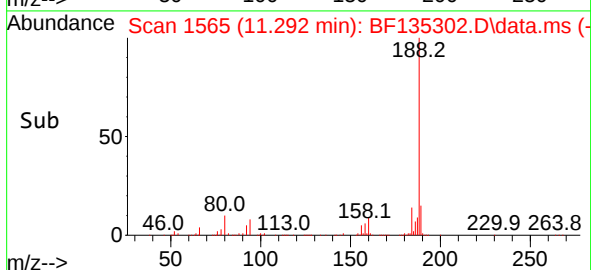
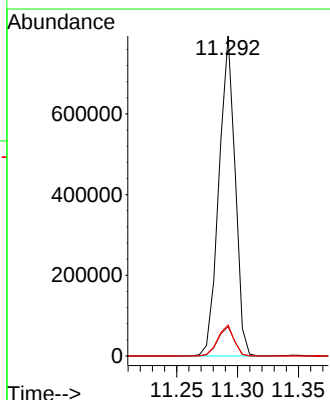
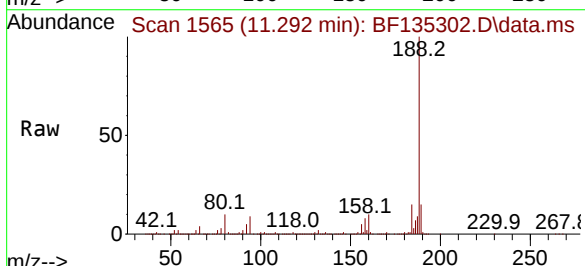
Tgt Ion: 188 Resp: 734337

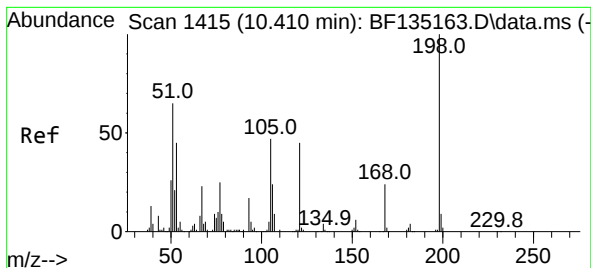
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.7 7.5 11.3

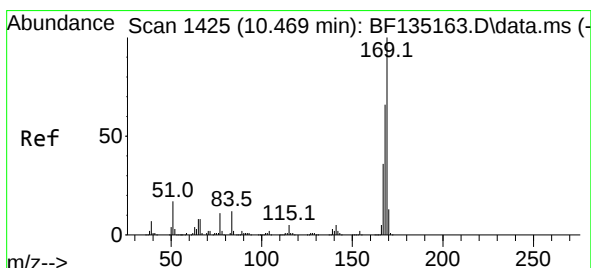
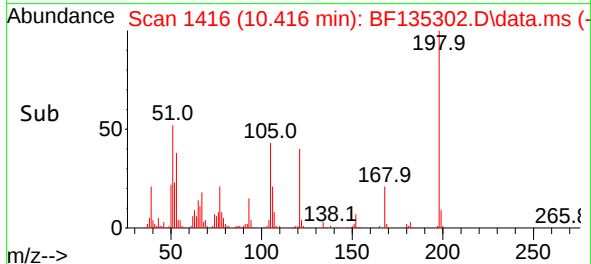
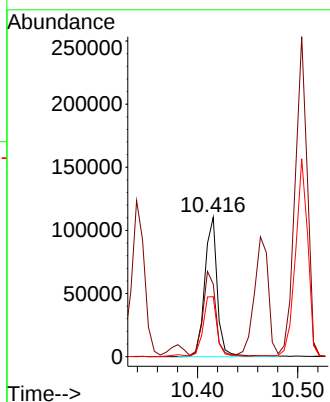
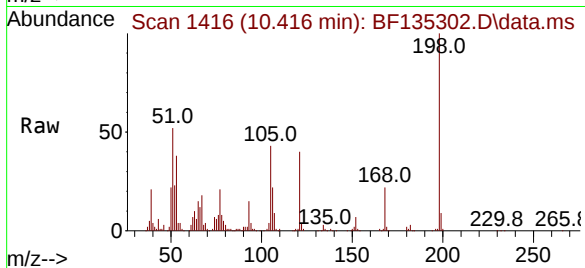




#65
4,6-Dinitro-2-methylphenol
Concen: 24.724 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

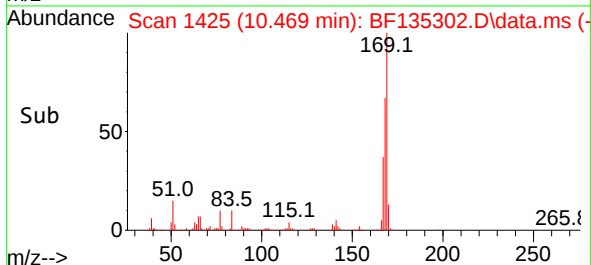
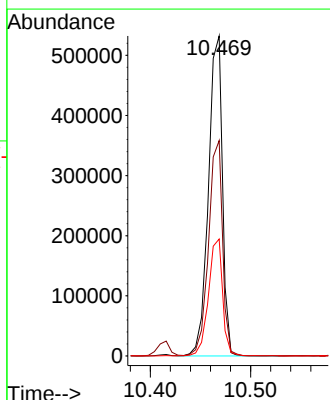
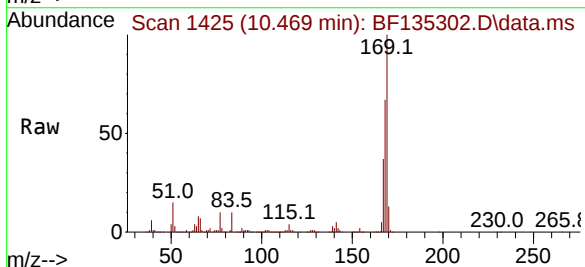
Instrument :
BNA_F
ClientSampleId :
PB155317BS

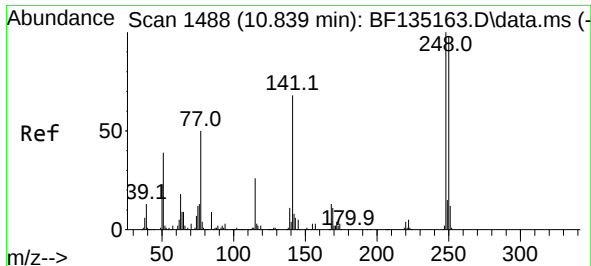
Tgt Ion:198 Resp: 96432
Ion Ratio Lower Upper
198 100
51 52.1 47.7 87.7
105 43.1 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 23.297 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:169 Resp: 517935
Ion Ratio Lower Upper
169 100
168 67.3 52.8 79.2
167 36.6 29.0 43.6

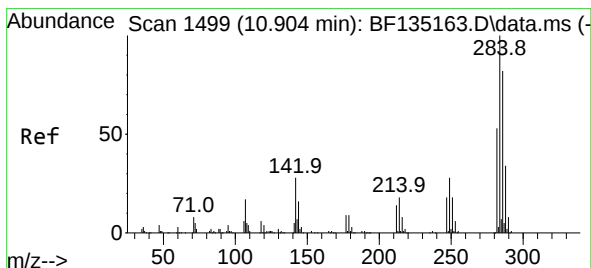
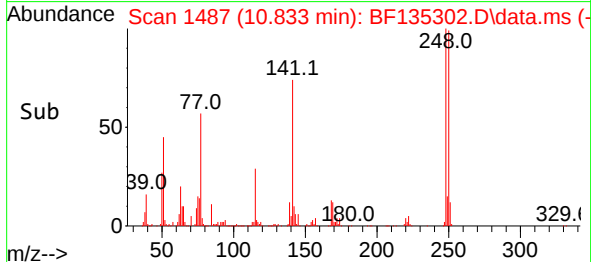
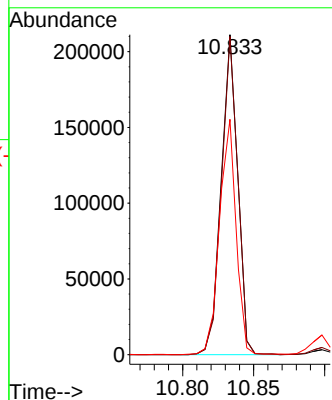
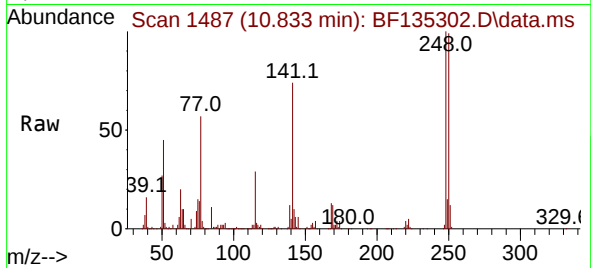




#67
4-Bromophenyl-phenylether
Concen: 23.313 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

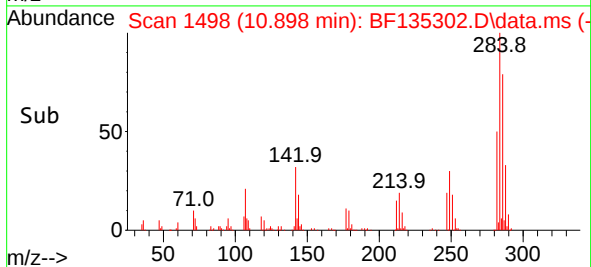
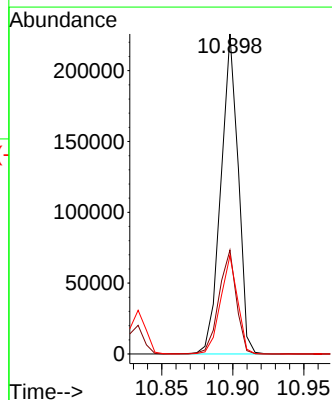
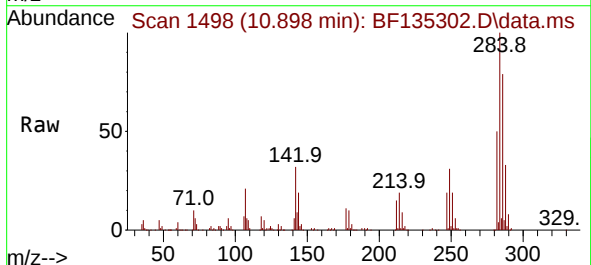
Instrument :
BNA_F
ClientSampleId :
PB155317BS

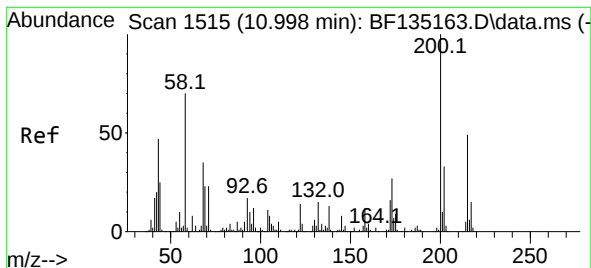
Tgt Ion:248 Resp: 170269
Ion Ratio Lower Upper
248 100
250 99.5 78.6 117.8
141 73.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 25.667 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135302.D
Acq: 18 Sep 2023 12:48

Tgt Ion:284 Resp: 190975
Ion Ratio Lower Upper
284 100
142 32.5 22.2 33.4
249 30.7 22.5 33.7





#69

Atrazine

Concen: 27.292 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

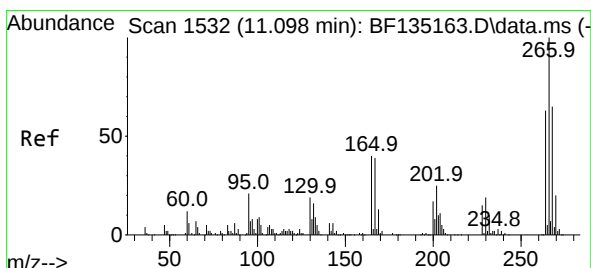
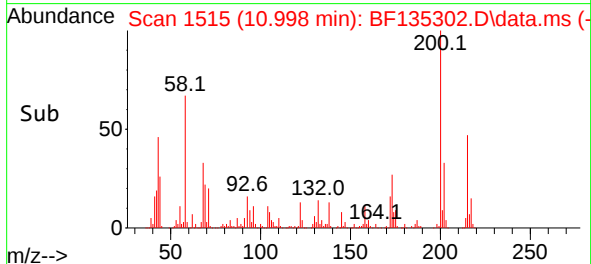
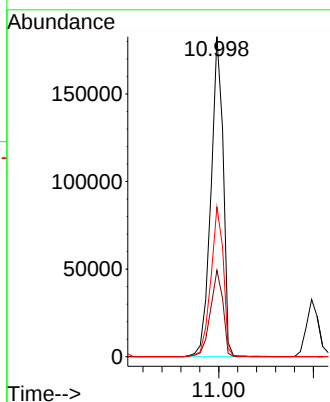
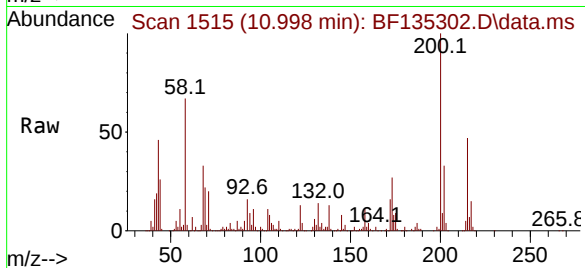
Tgt Ion:200 Resp: 163261

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

215 46.8 28.6 68.6



#70

Pentachlorophenol

Concen: 40.971 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

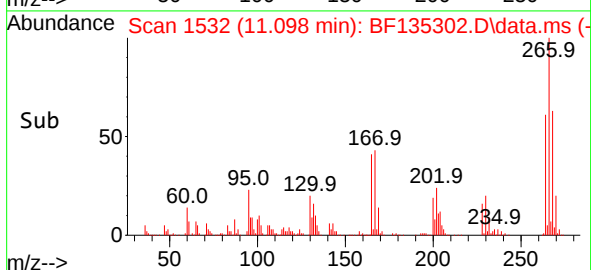
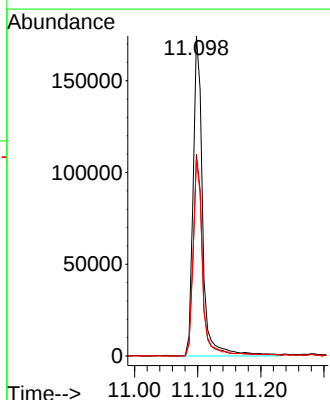
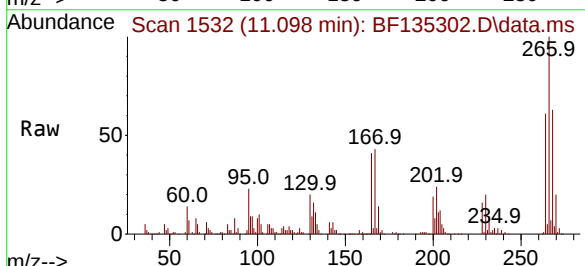
Tgt Ion:266 Resp: 182390

Ion Ratio Lower Upper

266 100

268 63.0 52.1 78.1

264 61.4 50.8 76.2





#71

Phenanthrene

Concen: 23.948 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

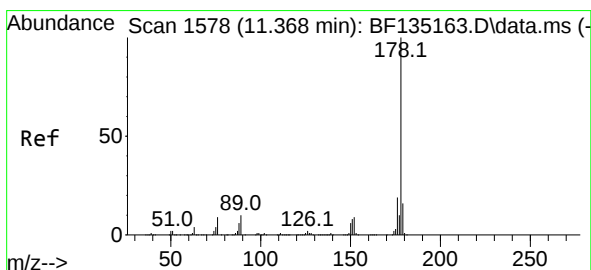
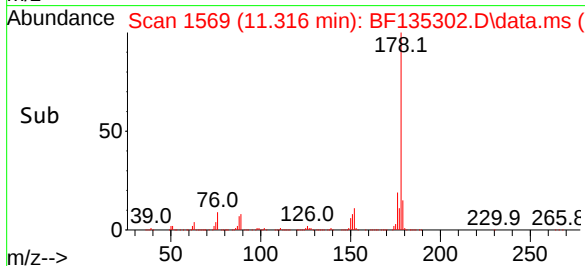
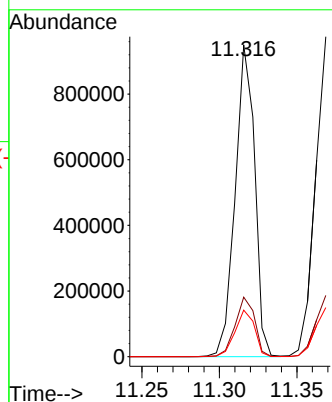
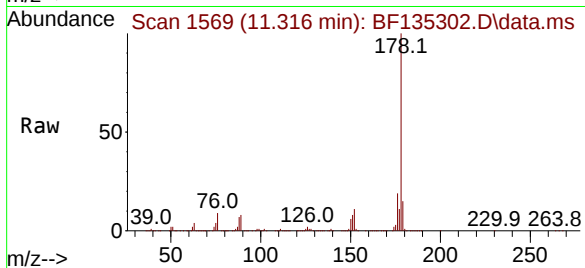
Tgt Ion:178 Resp: 831724

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 14.9 12.0 18.0



#72

Anthracene

Concen: 23.425 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

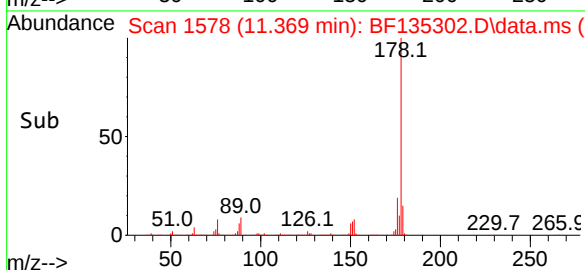
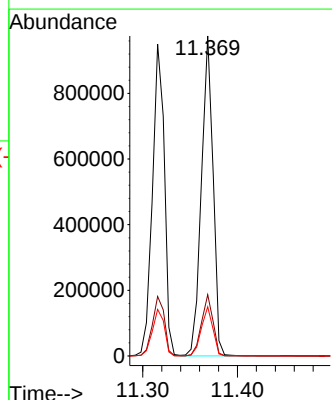
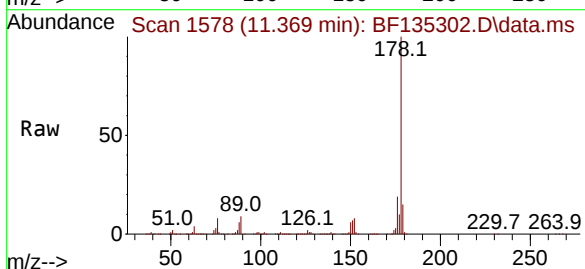
Tgt Ion:178 Resp: 836276

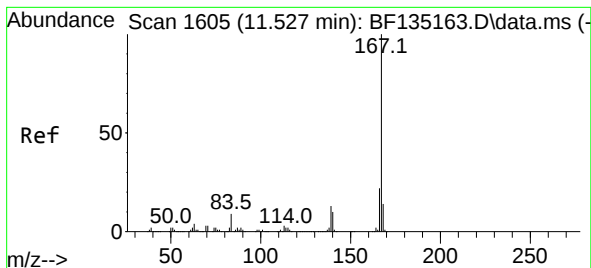
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.3 12.6 19.0





#73

Carbazole

Concen: 23.246 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

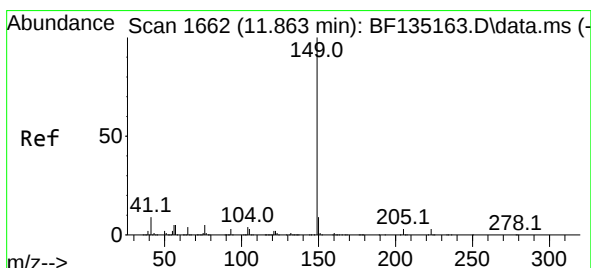
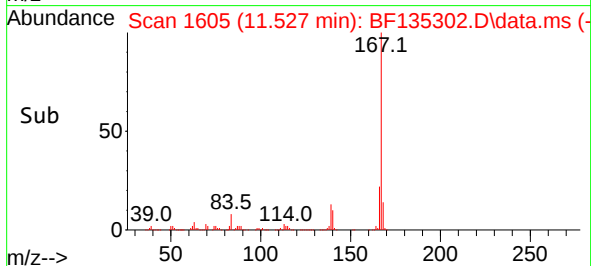
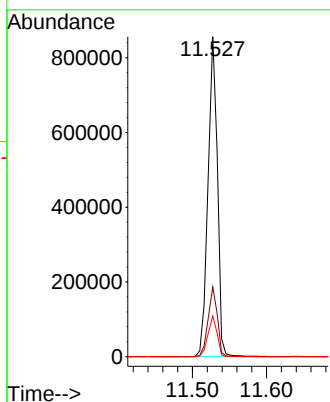
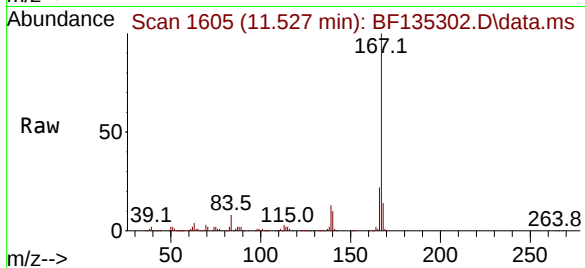
Tgt Ion:167 Resp: 755451

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 23.348 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

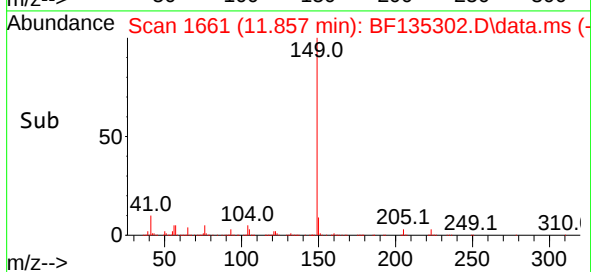
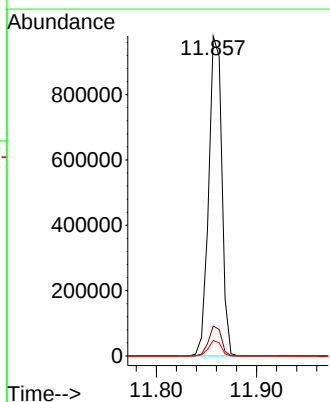
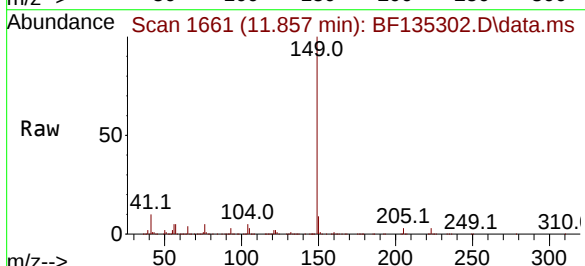
Tgt Ion:149 Resp: 894098

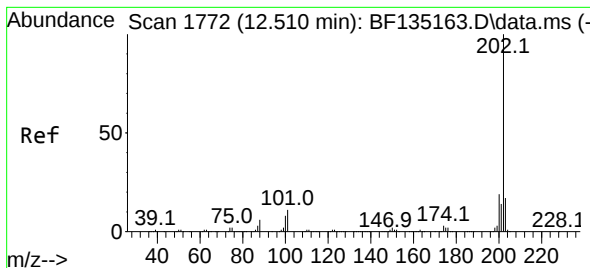
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 22.527 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

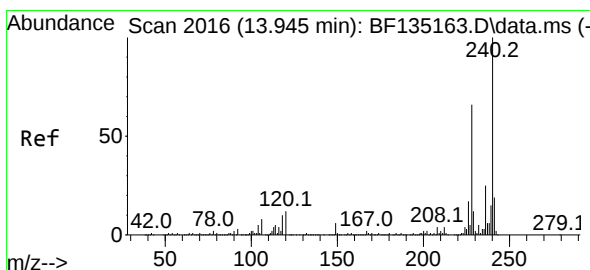
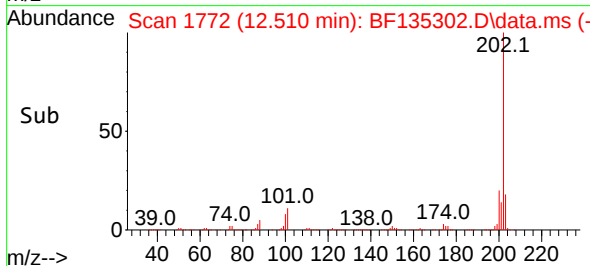
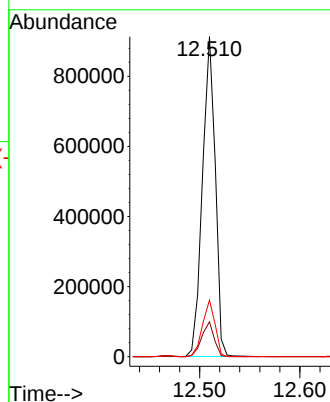
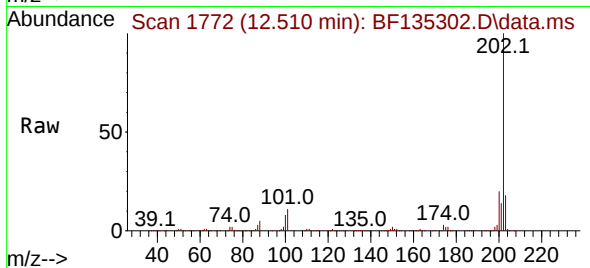
Tgt Ion:202 Resp: 815246

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.3

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

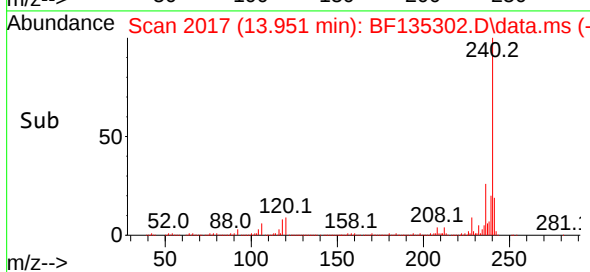
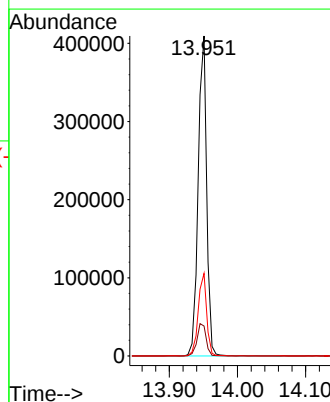
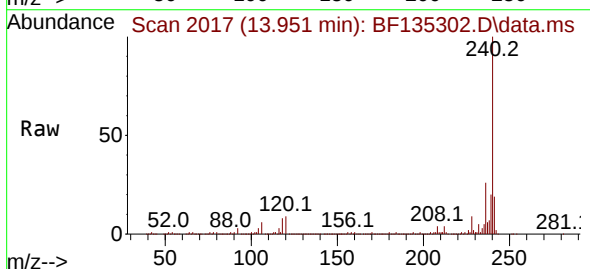
Tgt Ion:240 Resp: 354848

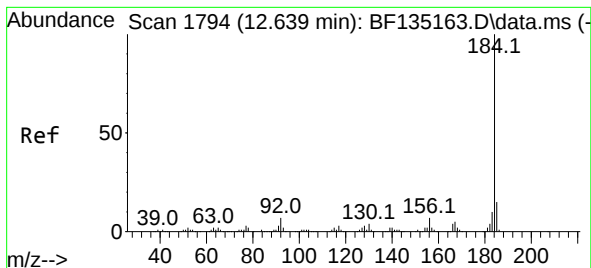
Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.2#

236 25.8 19.8 29.8





#77

Benzidine

Concen: 39.528 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

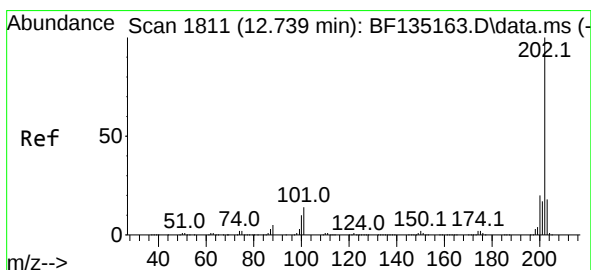
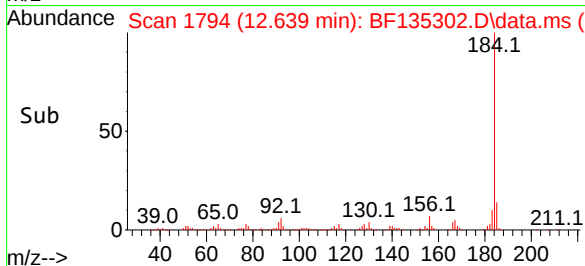
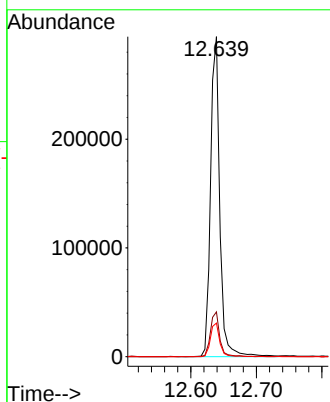
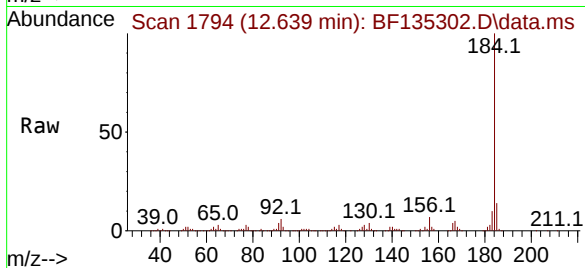
Tgt Ion:184 Resp: 287354

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

183 10.5 8.2 12.4



#78

Pyrene

Concen: 23.829 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

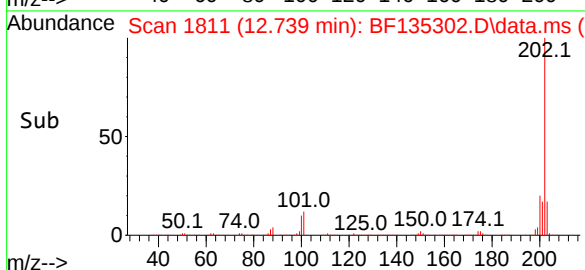
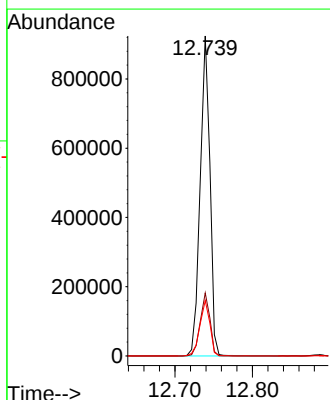
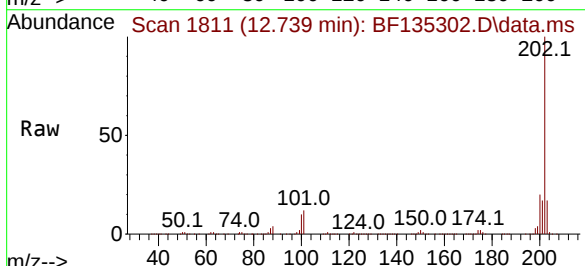
Tgt Ion:202 Resp: 805048

Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 45.989 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

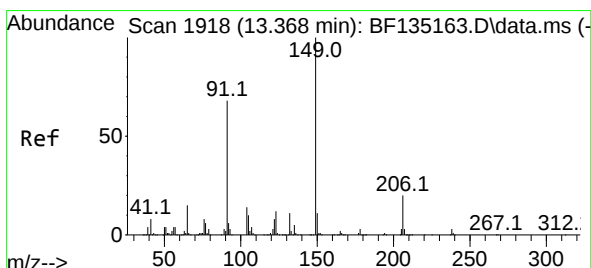
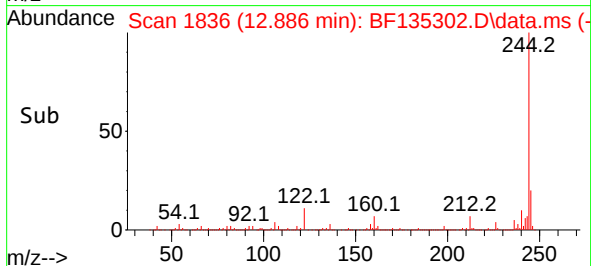
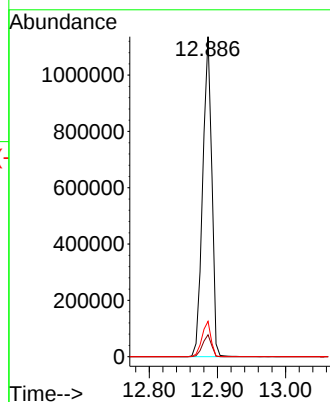
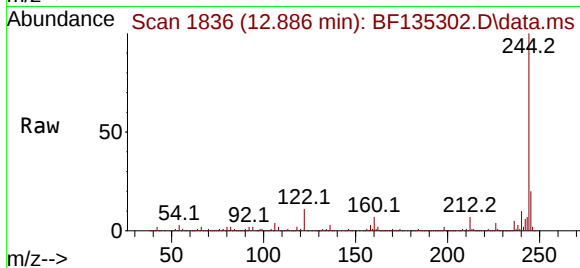
Tgt Ion:244 Resp: 1052708

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.1 7.9 11.9



#80

Butylbenzylphthalate

Concen: 22.888 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

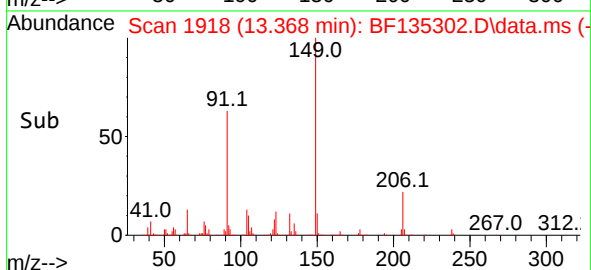
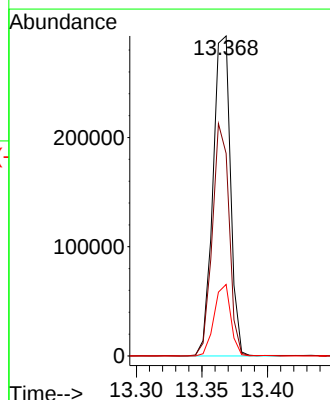
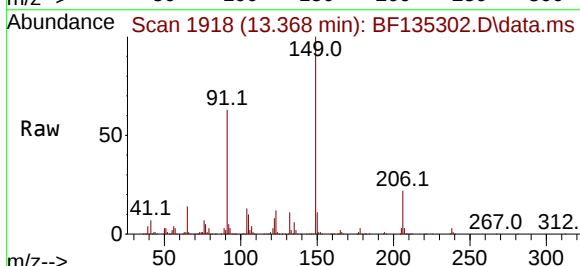
Tgt Ion:149 Resp: 272246

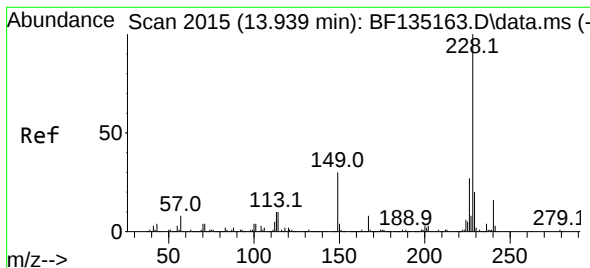
Ion Ratio Lower Upper

149 100

91 63.3 54.7 82.1

206 22.4 16.3 24.5





#81

Benzo(a)anthracene

Concen: 22.885 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

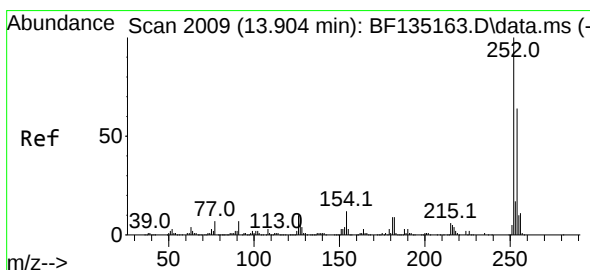
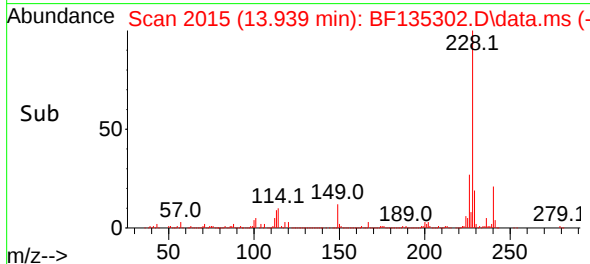
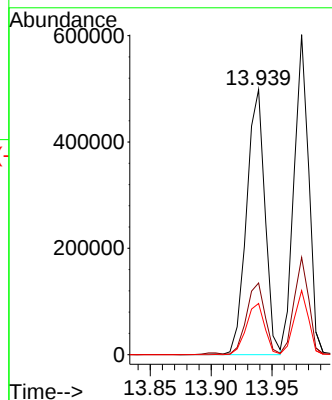
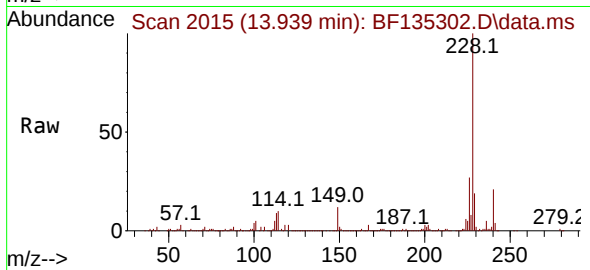
Tgt Ion:228 Resp: 524367

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 24.770 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

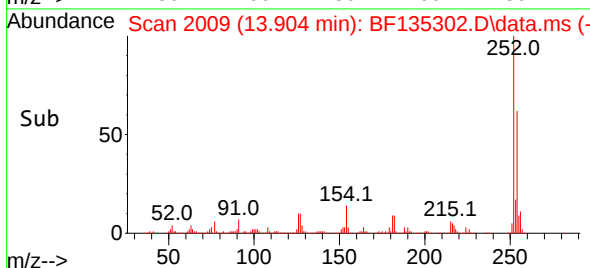
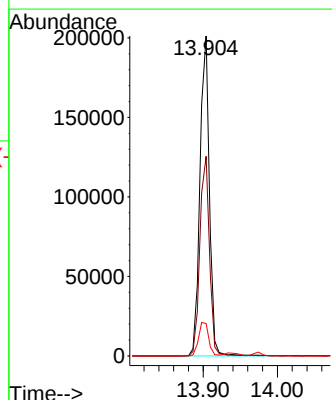
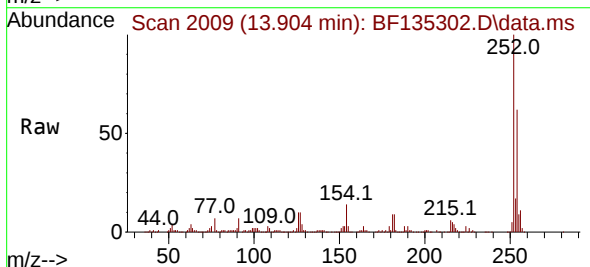
Tgt Ion:252 Resp: 177285

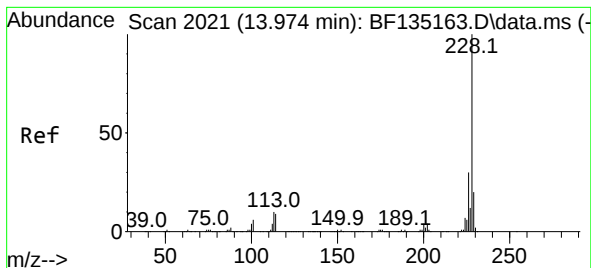
Ion Ratio Lower Upper

252 100

254 62.4 51.0 76.4

126 10.1 7.8 11.8





#83

Chrysene

Concen: 22.205 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

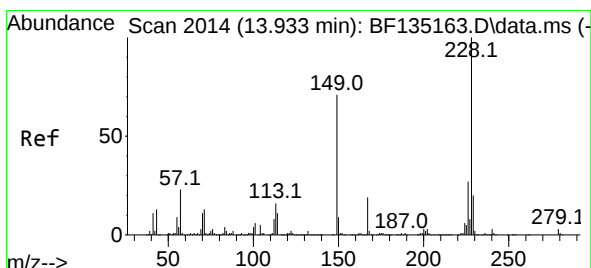
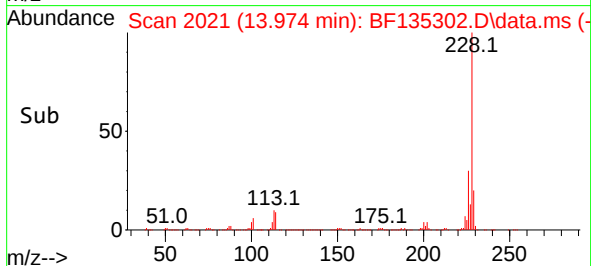
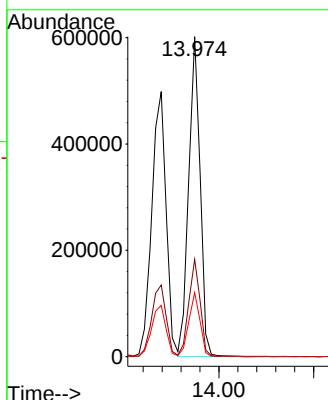
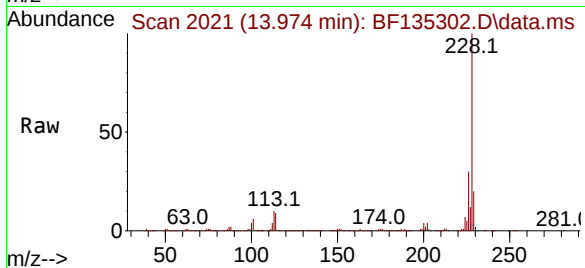
Tgt Ion:228 Resp: 505863

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.091 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

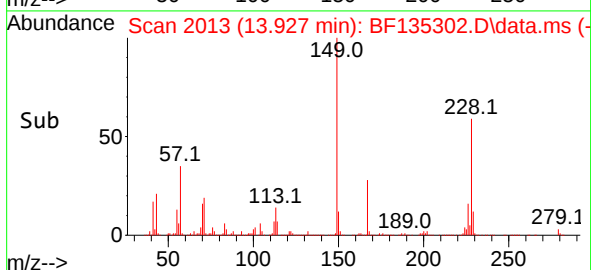
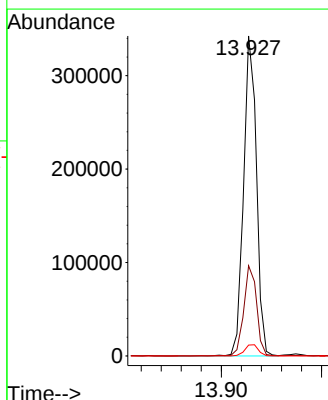
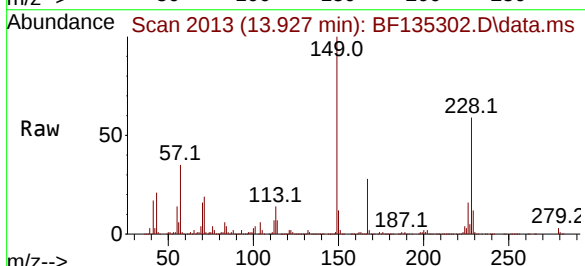
Tgt Ion:149 Resp: 306270

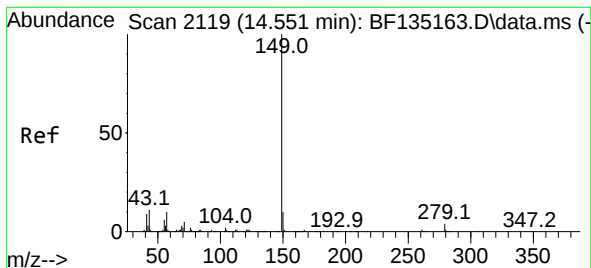
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 26.576 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

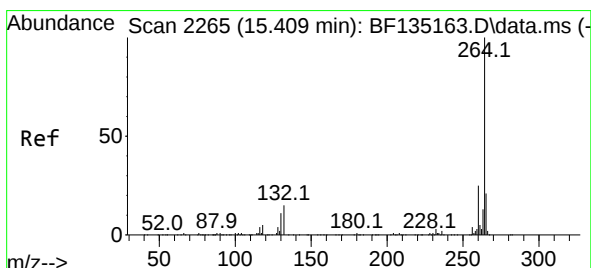
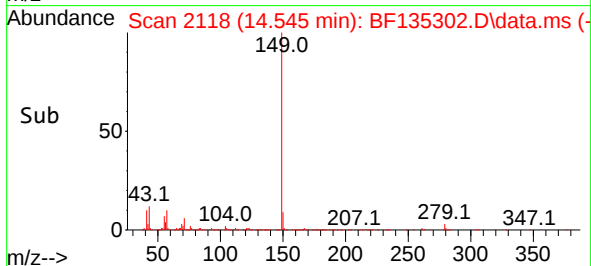
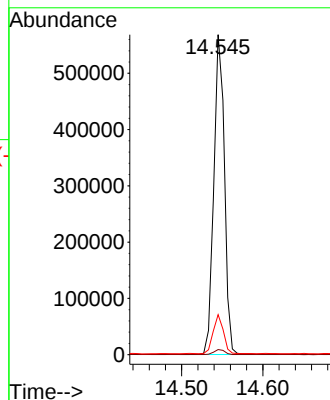
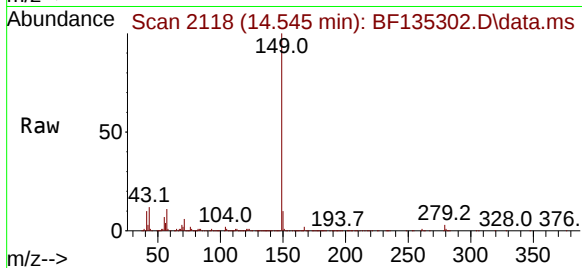
Tgt Ion:149 Resp: 515514

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.7 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

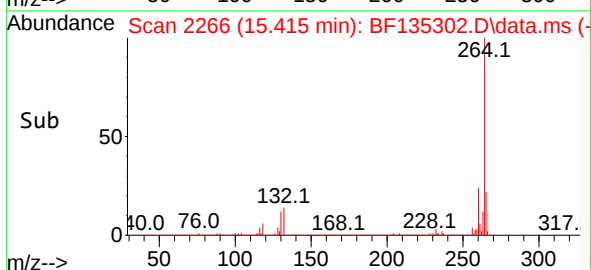
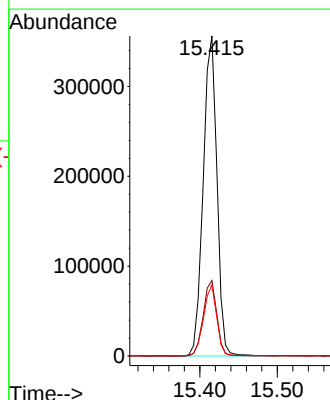
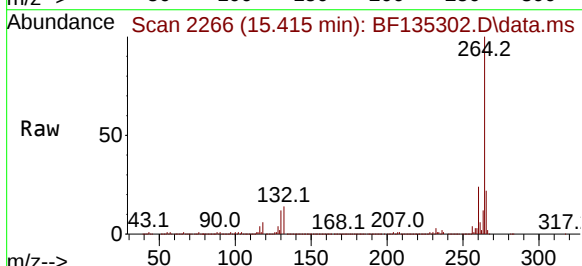
Tgt Ion:264 Resp: 438815

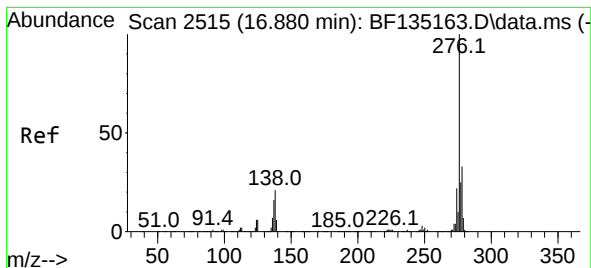
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 23.534 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.018 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

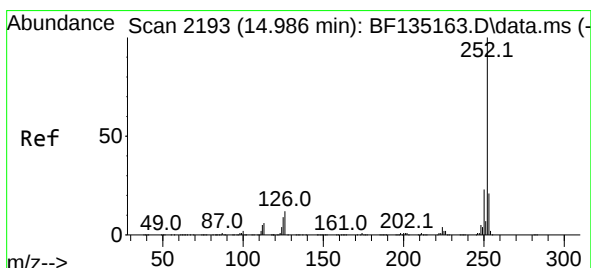
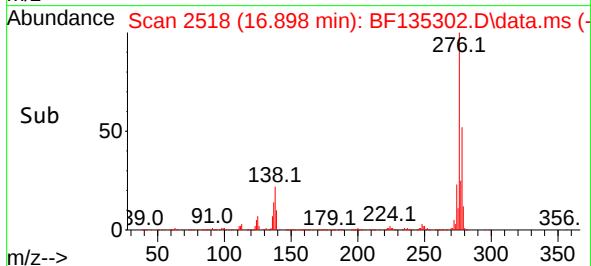
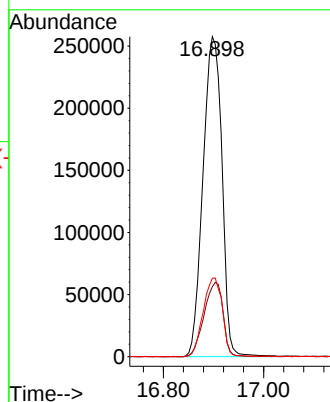
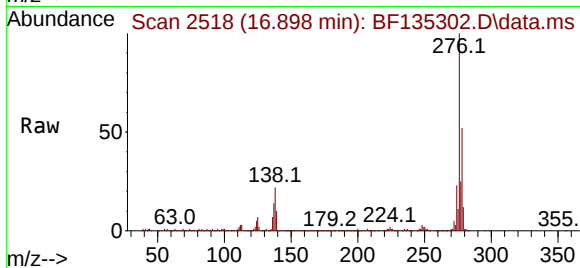
Tgt Ion:276 Resp: 677101

Ion Ratio Lower Upper

276 100

138 23.3 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 21.569 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

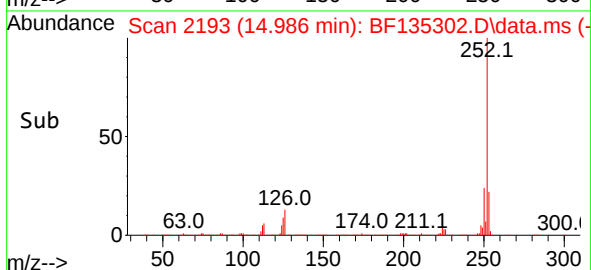
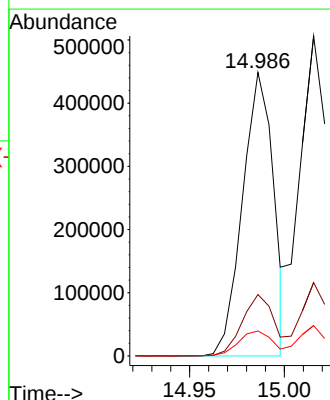
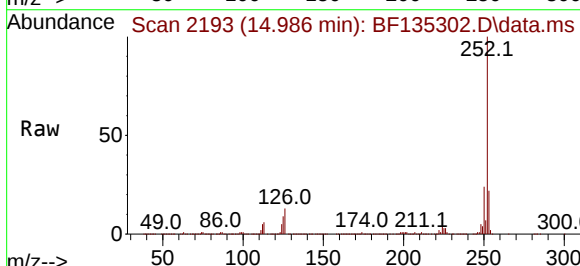
Tgt Ion:252 Resp: 512374

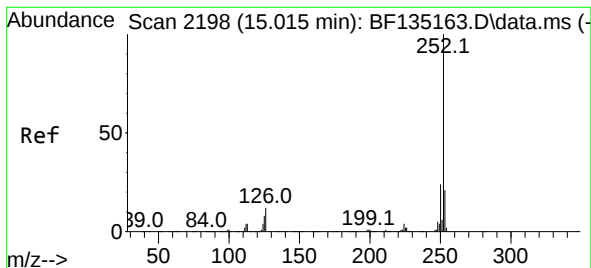
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 22.074 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

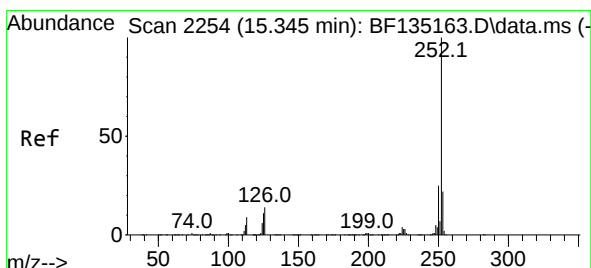
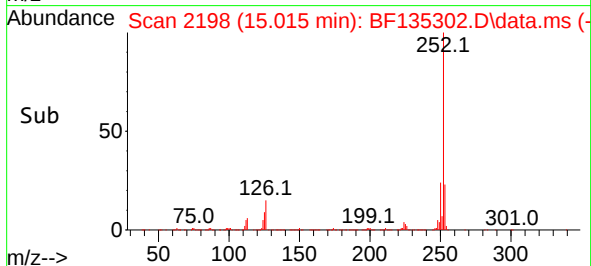
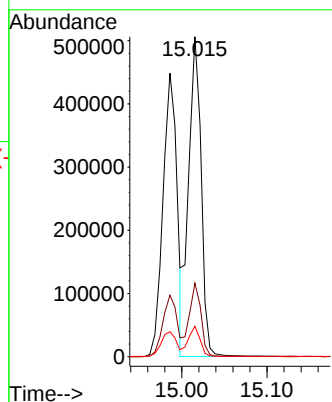
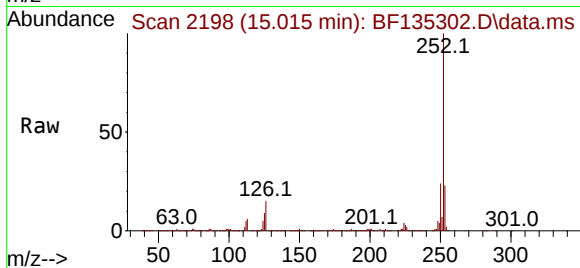
Tgt Ion:252 Resp: 517975

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 20.970 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

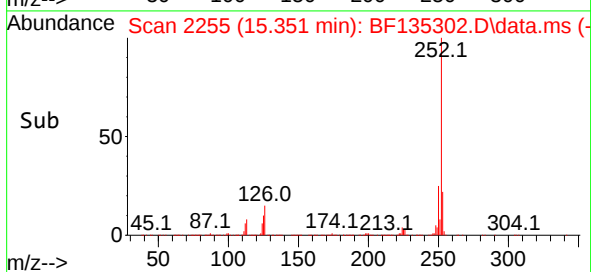
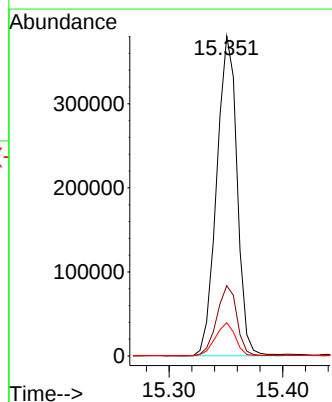
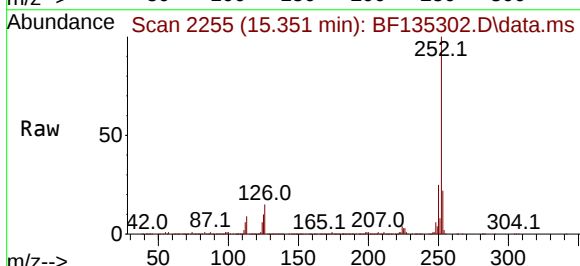
Tgt Ion:252 Resp: 475031

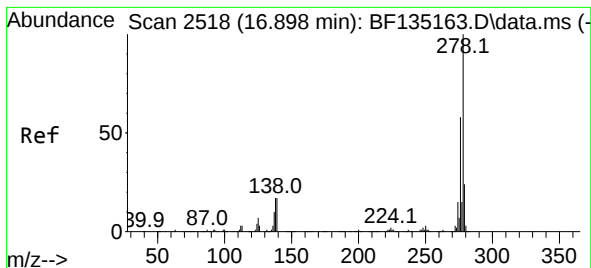
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 23.227 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB155317BS

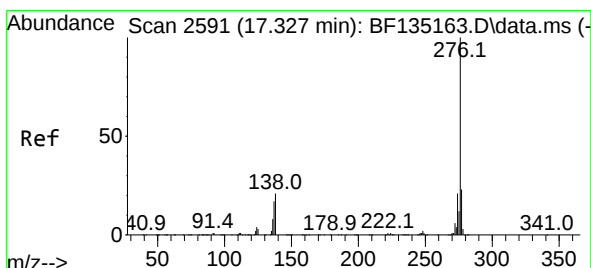
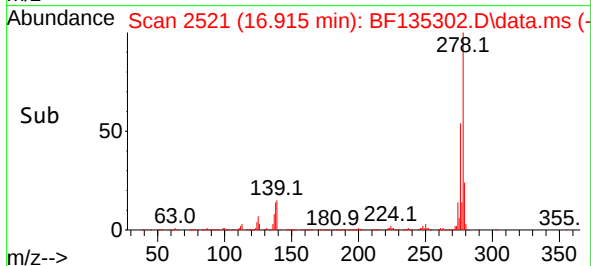
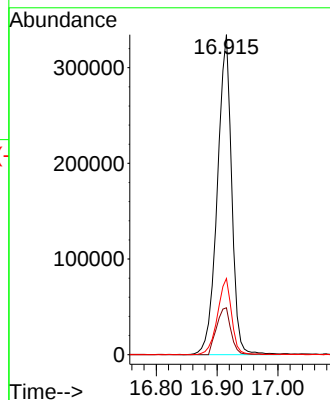
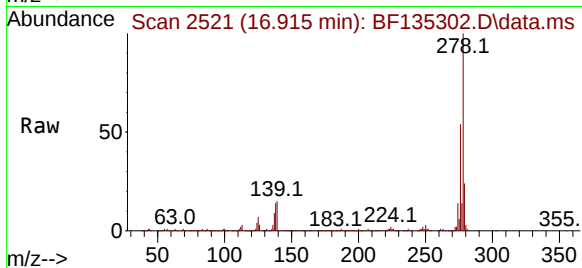
Tgt Ion:278 Resp: 546796

Ion Ratio Lower Upper

278 100

139 14.6 13.4 20.0

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 22.755 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF135302.D

Acq: 18 Sep 2023 12:48

Tgt Ion:276 Resp: 559450

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.4 16.9 25.3

