

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138566.D
 Acq On : 15 Jul 2024 13:27
 Operator : CG\JU
 Sample : PB162035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162035BS

Quant Time: Jul 15 13:57:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	152430	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	635277	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	358658	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	630399	20.000	ng	0.00
76) Chrysene-d12	14.033	240	327841	20.000	ng	0.00
86) Perylene-d12	15.498	264	297425	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1164580	121.000	ng	0.02
7) Phenol-d6	6.516	99	1521215	118.812	ng	0.01
23) Nitrobenzene-d5	7.440	82	1018400	78.708	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	403983	120.519	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	1720430	74.970	ng	0.00
79) Terphenyl-d14	12.980	244	1800469	89.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	122812	28.811	ng	99
3) Pyridine	3.493	79	315260	29.990	ng	98
4) n-Nitrosodimethylamine	3.457	42	277188	40.506	ng	94
6) Aniline	6.534	93	318993	26.600	ng	# 1
8) 2-Chlorophenol	6.657	128	461191	45.317	ng	96
9) Benzaldehyde	6.416	77	89610	13.076	ng	98
10) Phenol	6.528	94	571981	42.088	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	446518	43.639	ng	99
12) 1,3-Dichlorobenzene	6.810	146	459072	40.131	ng	98
13) 1,4-Dichlorobenzene	6.887	146	464453	39.982	ng	99
14) 1,2-Dichlorobenzene	7.040	146	451199	41.703	ng	99
15) Benzyl Alcohol	7.016	79	433825	45.149	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	836698	41.582	ng	85
17) 2-Methylphenol	7.134	107	362302	43.438	ng	# 91
18) Hexachloroethane	7.381	117	175442	41.082	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	344029	43.486	ng	95
20) 3+4-Methylphenols	7.287	107	442851	42.164	ng	# 85
22) Acetophenone	7.281	105	626376	40.597	ng	# 95
24) Nitrobenzene	7.457	77	510825	38.849	ng	96
25) Isophorone	7.692	82	948326	42.678	ng	99
26) 2-Nitrophenol	7.769	139	251323	44.595	ng	93
27) 2,4-Dimethylphenol	7.810	122	317051	45.774	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	559552	42.136	ng	98
29) 2,4-Dichlorophenol	8.016	162	373358	41.509	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	423936	40.459	ng	98
31) Naphthalene	8.175	128	1315806	39.825	ng	99
32) Benzoic acid	7.969	122	274104	41.491	ng	96
33) 4-Chloroaniline	8.222	127	299061	25.798	ng	99
34) Hexachlorobutadiene	8.287	225	251390	38.961	ng	99
35) Caprolactam	8.622	113	78010	26.877	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	419775	41.686	ng	99
37) 2-Methylnaphthalene	8.863	142	856780	40.297	ng	99
38) 1-Methylnaphthalene	8.963	142	788334	37.991	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	402560	40.272	ng	99
41) Hexachlorocyclopentadiene	9.016	237	327176	100.839	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	263326	41.298	ng	98

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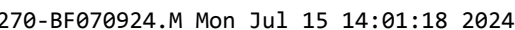
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	274925	39.202	ng	# 91
46) 1,1'-Biphenyl	9.334	154	1076636	39.610	ng	100
47) 2-Chloronaphthalene	9.357	162	812303	39.559	ng	100
48) 2-Nitroaniline	9.457	65	298609	41.965	ng	96
49) Acenaphthylene	9.775	152	1246164	42.745	ng	100
50) Dimethylphthalate	9.639	163	990550	42.712	ng	99
51) 2,6-Dinitrotoluene	9.698	165	217251	40.685	ng	87
52) Acenaphthene	9.945	154	753352	38.875	ng	99
53) 3-Nitroaniline	9.869	138	160203	29.272	ng	96
54) 2,4-Dinitrophenol	9.981	184	245239	85.249	ng	92
55) Dibenzofuran	10.116	168	1136090	40.418	ng	100
56) 4-Nitrophenol	10.045	139	323996	80.232	ng	100
57) 2,4-Dinitrotoluene	10.104	165	288910	41.817	ng	96
58) Fluorene	10.457	166	896588	40.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	240018	43.365	ng	97
60) Diethylphthalate	10.333	149	945413	42.286	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	453134	40.574	ng	95
62) 4-Nitroaniline	10.492	138	217745	39.704	ng	94
63) Azobenzene	10.610	77	1001194	41.652	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	176464	48.479	ng	89
66) n-Nitrosodiphenylamine	10.569	169	789664	41.810	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	272666	42.082	ng	95
68) Hexachlorobenzene	11.004	284	297300	41.303	ng	98
69) Atrazine	11.098	200	229799	36.698	ng	98
70) Pentachlorophenol	11.204	266	336183	78.930	ng	96
71) Phenanthrene	11.422	178	1323028	41.542	ng	99
72) Anthracene	11.475	178	1326150	41.947	ng	99
73) Carbazole	11.627	167	1154654	40.641	ng	100
74) Di-n-butylphthalate	11.951	149	1452565	44.355	ng	100
75) Fluoranthene	12.610	202	1294762	39.842	ng	100
77) Benzidine	12.722	184	81242	9.822	ng	99
78) Pyrene	12.833	202	1321627	39.712	ng	99
80) Butylbenzylphthalate	13.445	149	491637	49.108	ng	98
81) Benzo(a)anthracene	14.021	228	946188	43.012	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	228047	40.231	ng	# 97
83) Chrysene	14.057	228	885992	42.575	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	604570	56.622	ng	# 99
85) Di-n-octyl phthalate	14.616	149	925785	54.886	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	959037	48.004	ng	99
88) Benzo(b)fluoranthene	15.068	252	816467	48.744	ng	99
89) Benzo(k)fluoranthene	15.104	252	733028	44.871	ng	99
90) Benzo(a)pyrene	15.439	252	716424	48.689	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	784527	48.006	ng	100
92) Benzo(g,h,i)perylene	17.433	276	853483	49.251	ng	96

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

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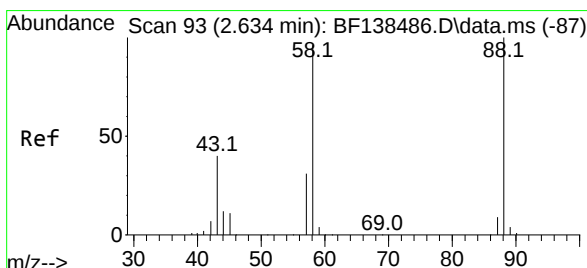
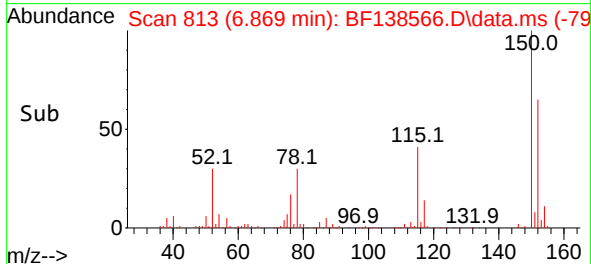
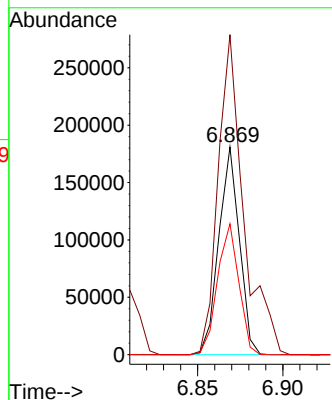
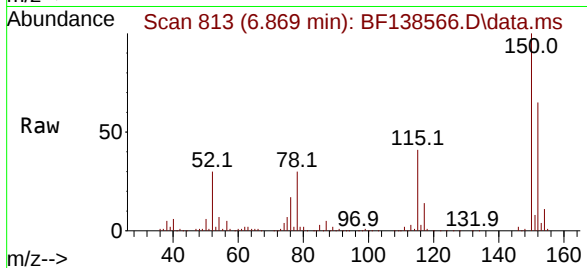




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

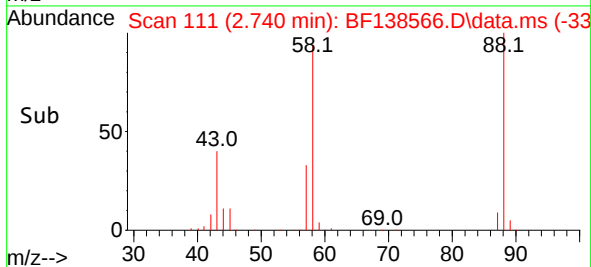
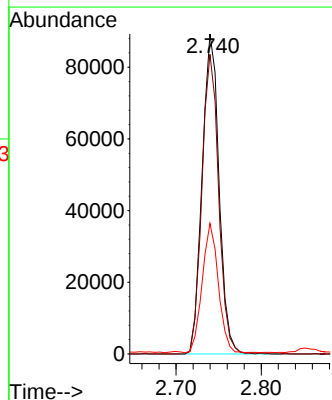
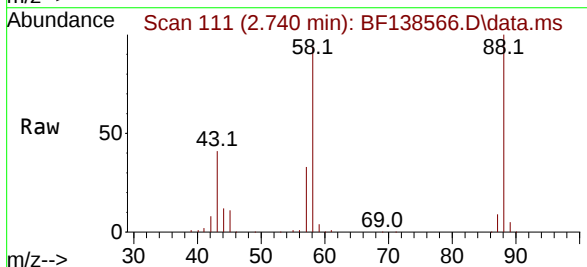
Instrument :
BNA_F
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PB162035BS

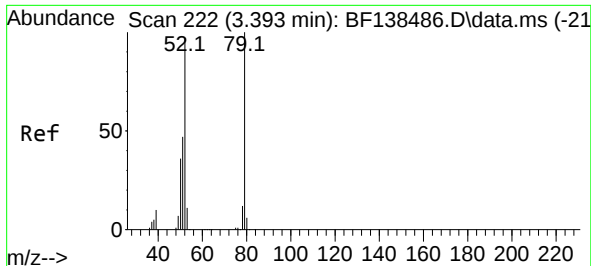
Tgt Ion:152 Resp: 152430
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.4
115 63.1 50.3 75.5



#2
1,4-Dioxane
Concen: 28.811 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.106 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion: 88 Resp: 122812
Ion Ratio Lower Upper
88 100
58 92.7 74.6 112.0
43 38.6 31.8 47.6





#3

Pyridine

Concen: 29.990 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.100 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

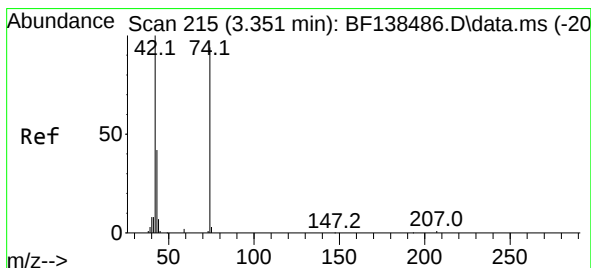
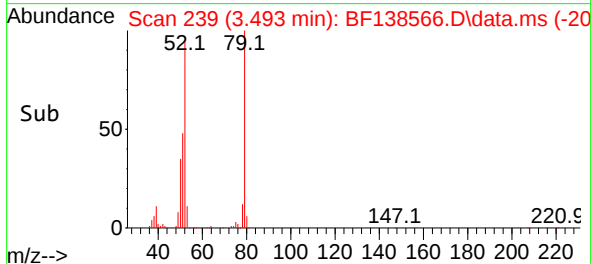
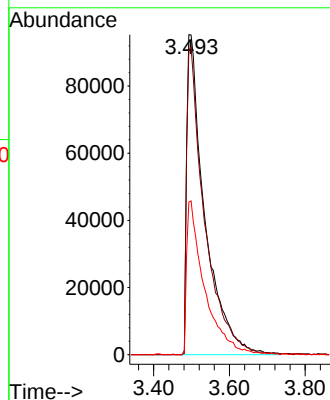
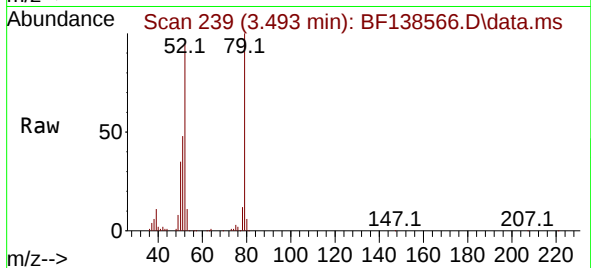
BNA_F

ClientSampleId :

PB162035BS

Tgt Ion: 79 Resp: 315260

Ion	Ratio	Lower	Upper
79	100		
52	95.0	77.4	116.2
51	47.6	37.4	56.0



#4

n-Nitrosodimethylamine

Concen: 40.506 ng

RT: 3.457 min Scan# 233

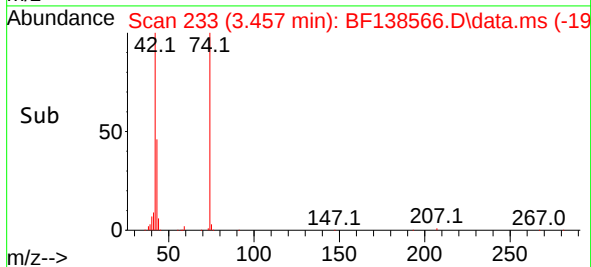
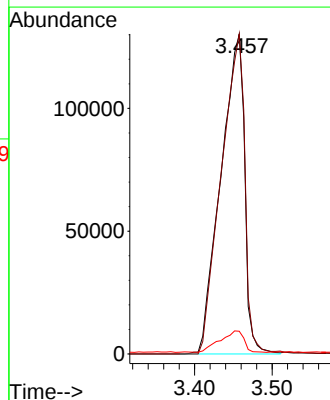
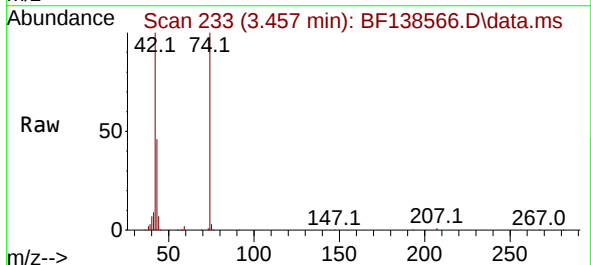
Delta R.T. 0.106 min

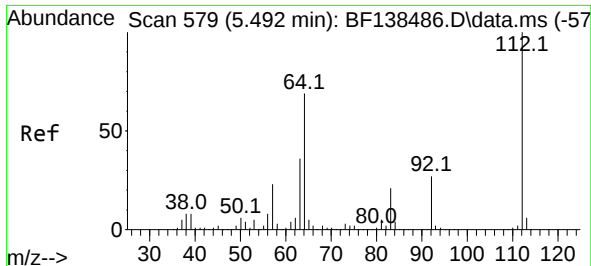
Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Tgt Ion: 42 Resp: 277188

Ion	Ratio	Lower	Upper
42	100		
74	100.2	75.0	112.6
44	7.1	5.4	8.2

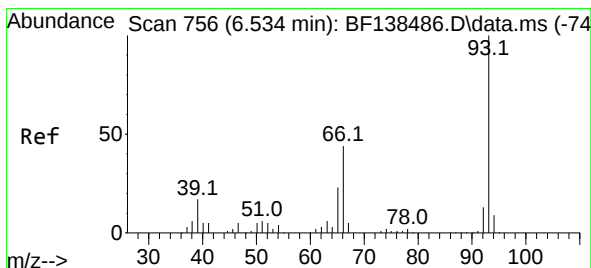
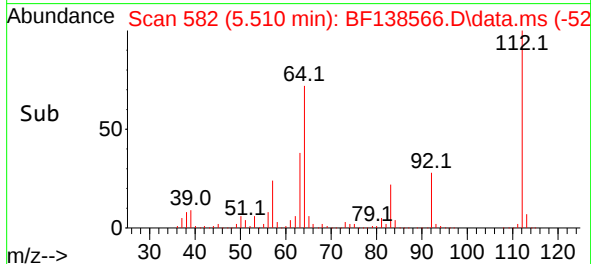
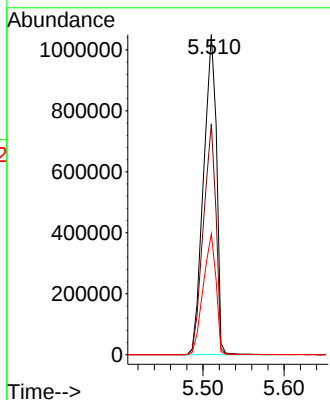
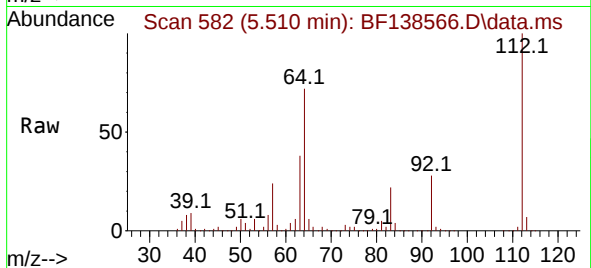




#5
2-Fluorophenol
Concen: 121.000 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

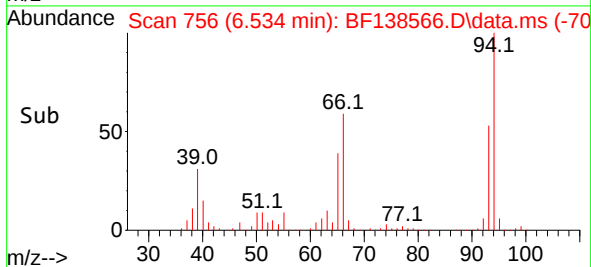
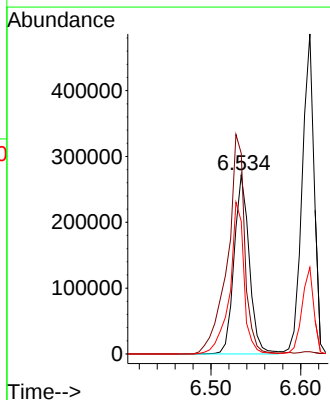
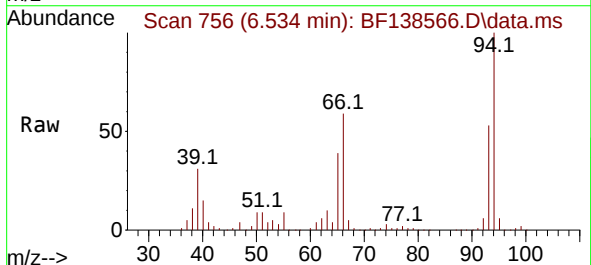
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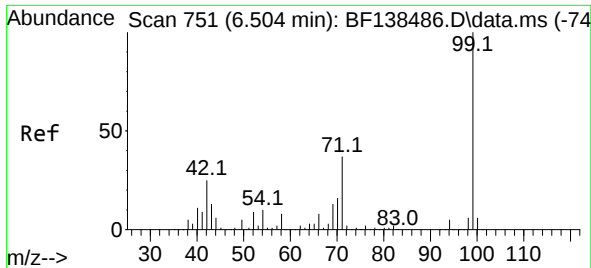
Tgt Ion:112 Resp: 1164580
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 37.7 29.0 43.6



#6
Aniline
Concen: 26.600 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion: 93 Resp: 318993
Ion Ratio Lower Upper
93 100
66 112.1 35.4 53.0#
65 74.1 18.6 27.8#

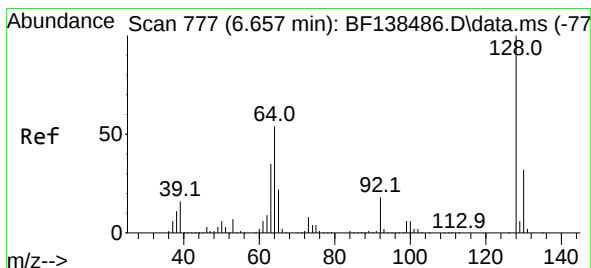
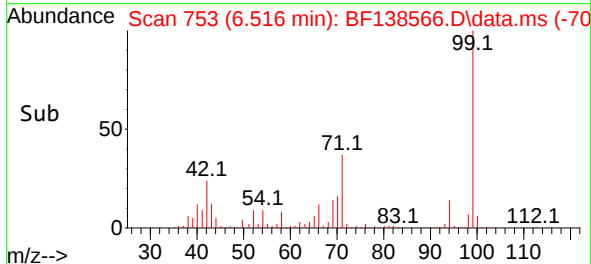
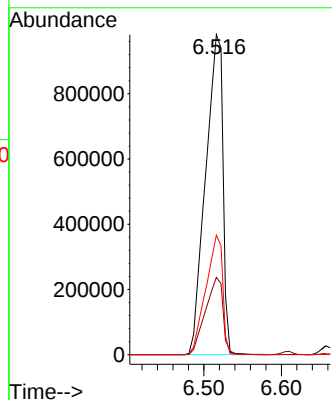
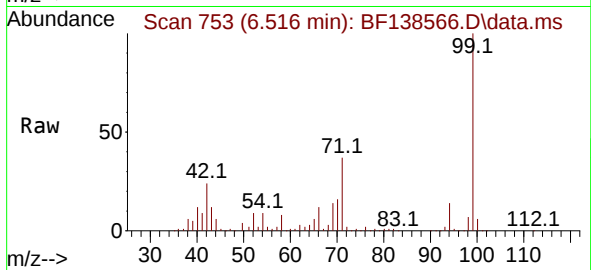




#7
Phenol-d6
Concen: 118.812 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

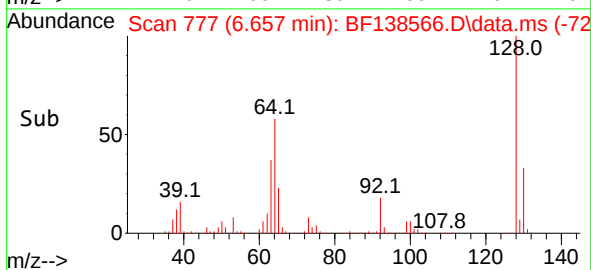
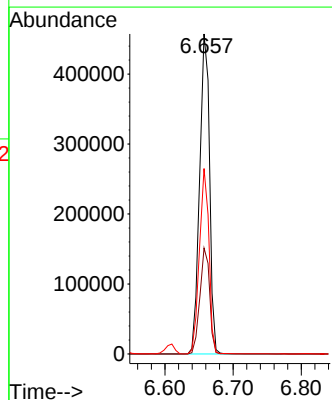
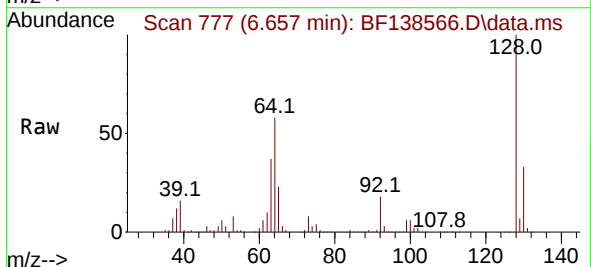
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Tgt Ion: 99 Resp: 1521215
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 37.4 29.9 44.9



#8
2-Chlorophenol
Concen: 45.317 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion: 128 Resp: 461191
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 57.9 34.4 74.4





#9

Benzaldehyde

Concen: 13.076 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

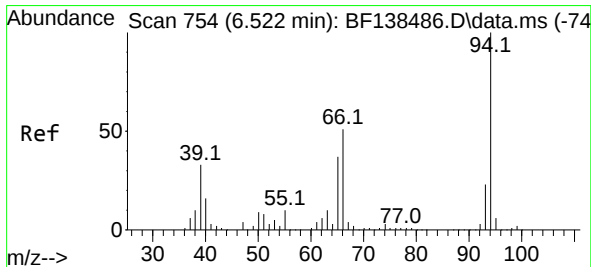
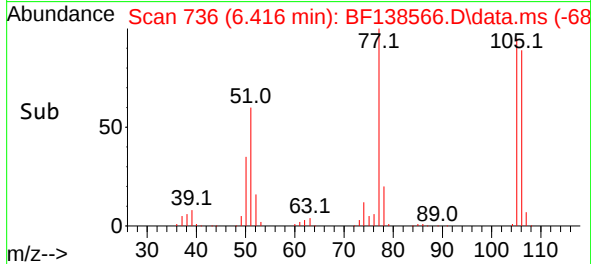
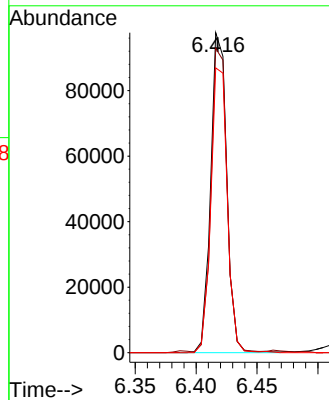
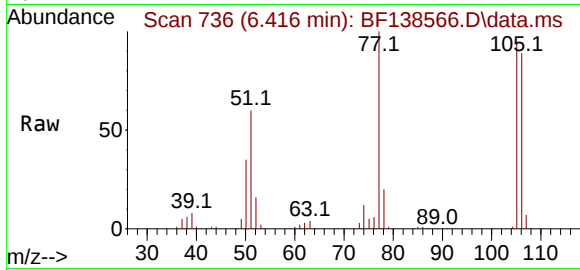
Tgt Ion: 77 Resp: 89610

Ion Ratio Lower Upper

77 100

105 95.1 75.1 115.1

106 89.0 73.2 113.2



#10

Phenol

Concen: 42.088 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

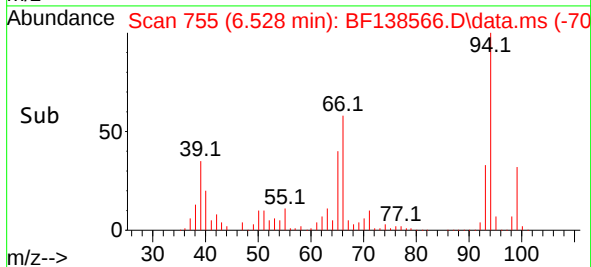
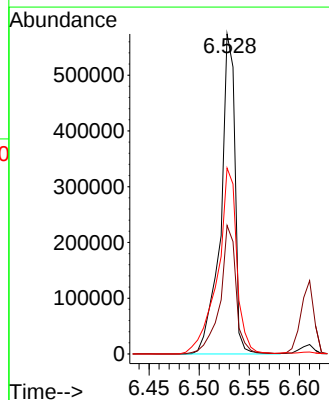
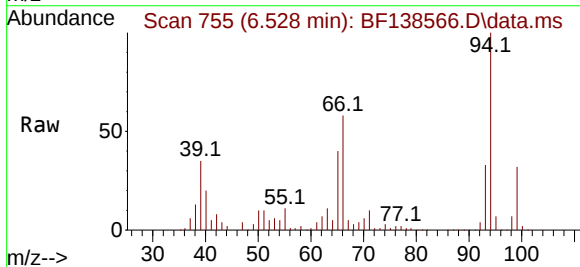
Tgt Ion: 94 Resp: 571981

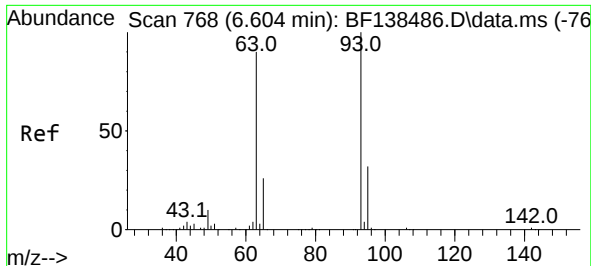
Ion Ratio Lower Upper

94 100

65 40.2 16.7 56.7

66 58.1 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 43.639 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

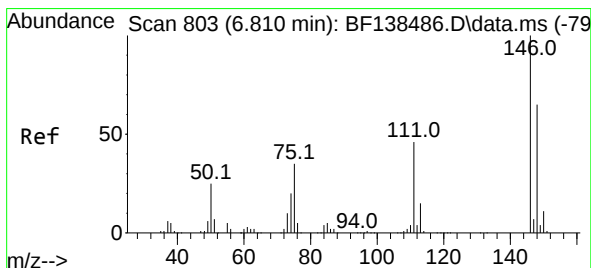
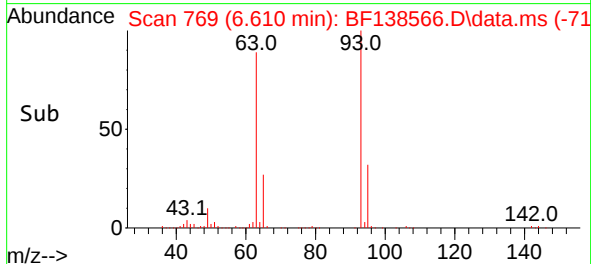
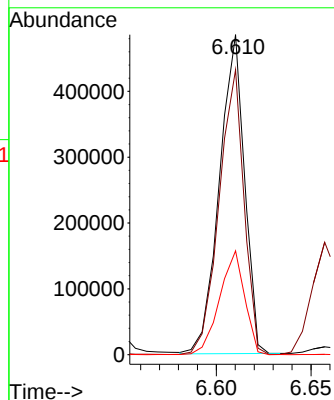
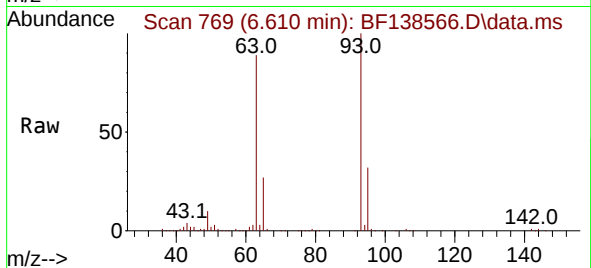
Tgt Ion: 93 Resp: 446518

Ion Ratio Lower Upper

93 100

63 89.0 68.8 108.8

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.131 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

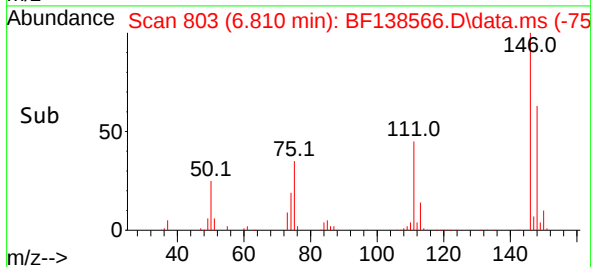
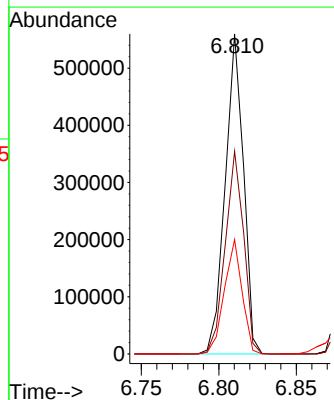
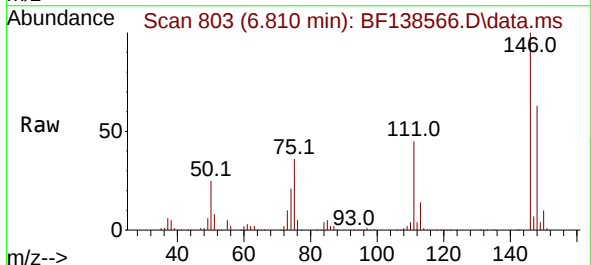
Tgt Ion: 146 Resp: 459072

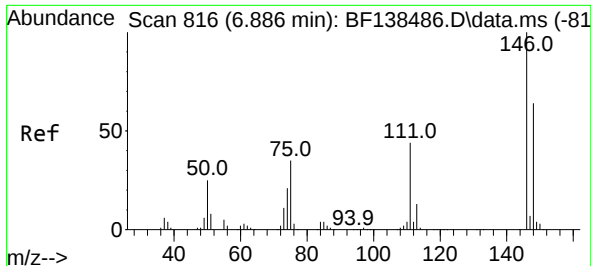
Ion Ratio Lower Upper

146 100

148 63.4 52.4 78.6

75 35.8 27.8 41.8

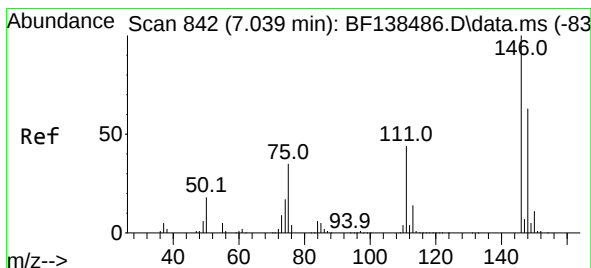
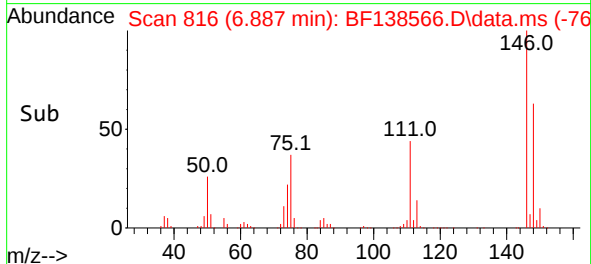
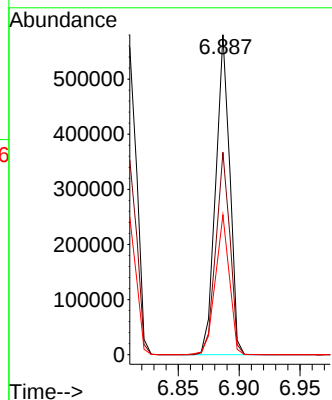
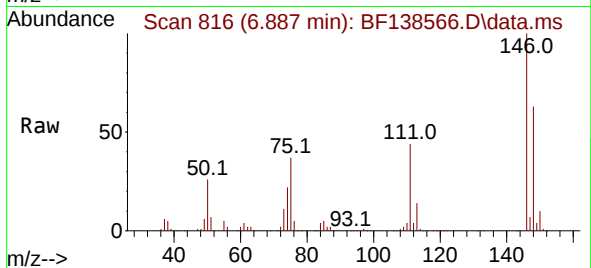




#13
1,4-Dichlorobenzene
Concen: 39.982 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

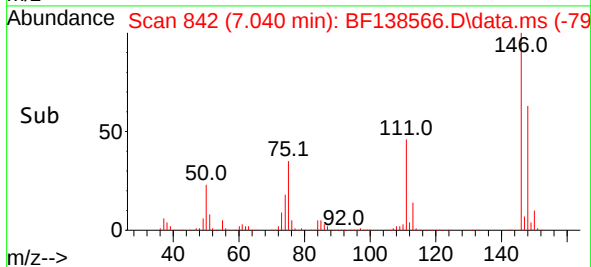
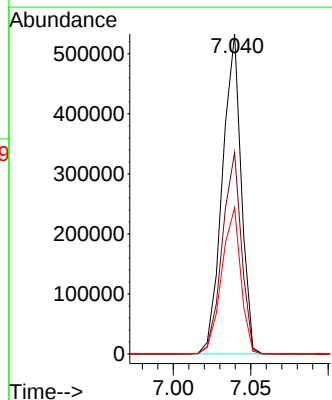
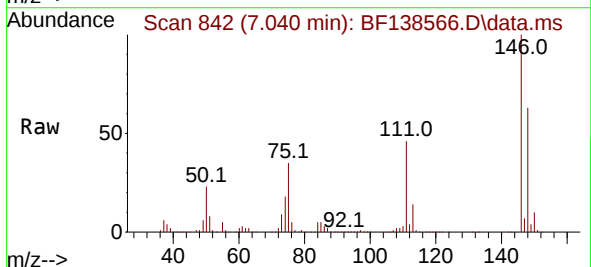
Instrument :
BNA_F
ClientSampleId :
PB162035BS

Tgt Ion:146 Resp: 464453
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 43.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 41.703 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:146 Resp: 451199
Ion Ratio Lower Upper
146 100
148 63.0 50.1 75.1
111 45.7 35.5 53.3

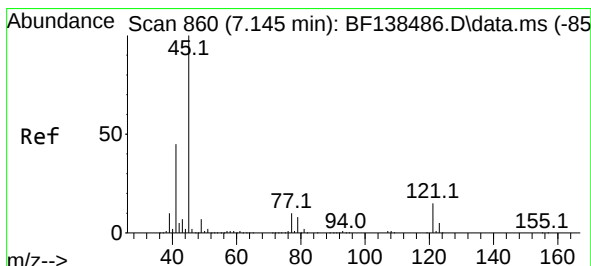
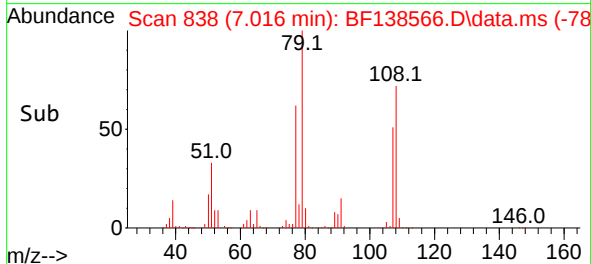
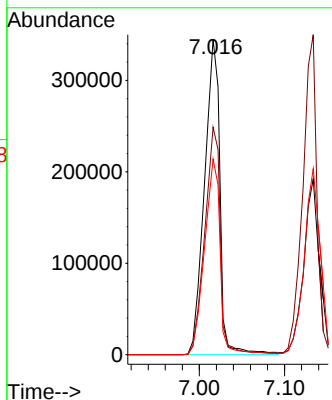
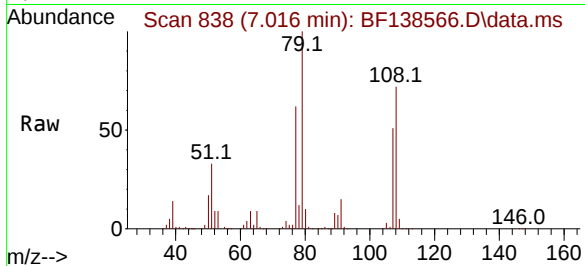




#15
Benzyl Alcohol
Concen: 45.149 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

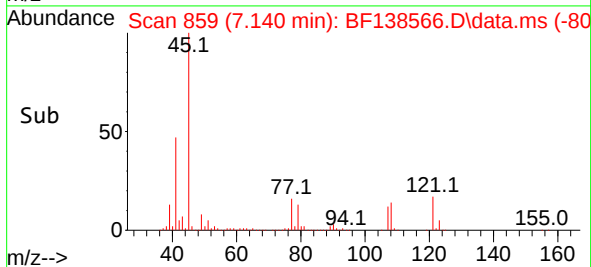
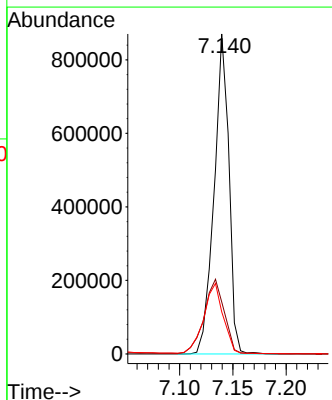
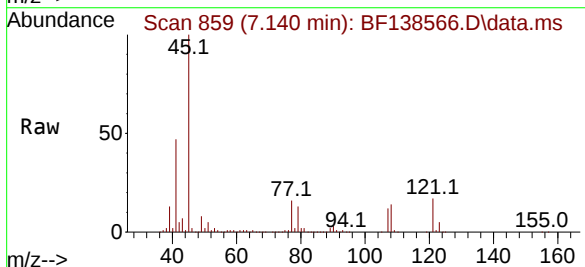
Instrument :
BNA_F
ClientSampleId :
PB162035BS

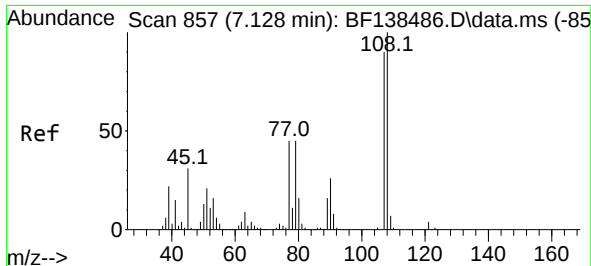
Tgt Ion: 79 Resp: 433825
Ion Ratio Lower Upper
79 100
108 72.1 54.3 81.5
77 62.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.582 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion: 45 Resp: 836698
Ion Ratio Lower Upper
45 100
77 16.2 0.0 30.4
79 13.2 0.0 28.1

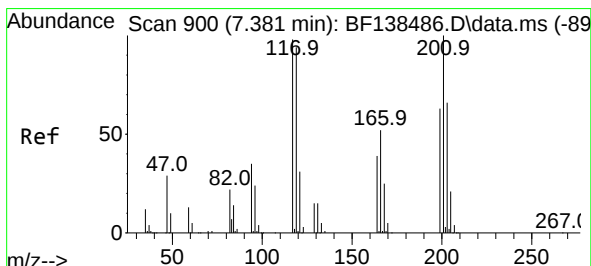
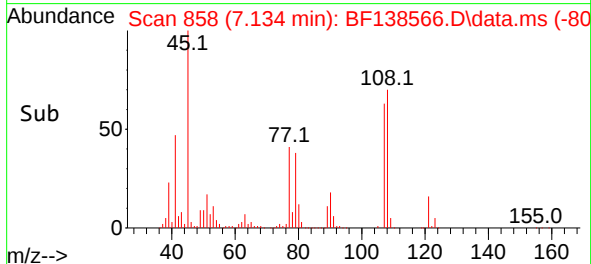
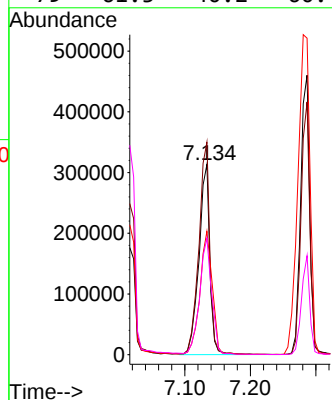
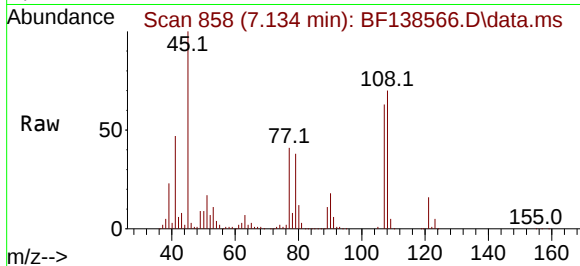




#17
2-Methylphenol
Concen: 43.438 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

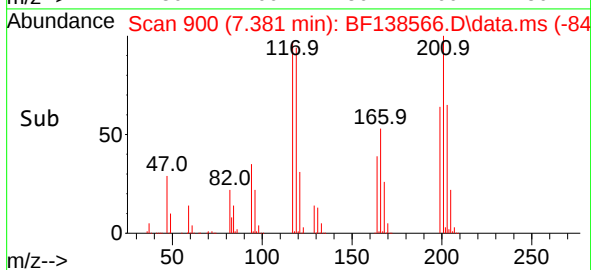
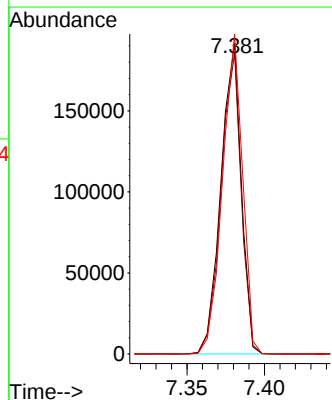
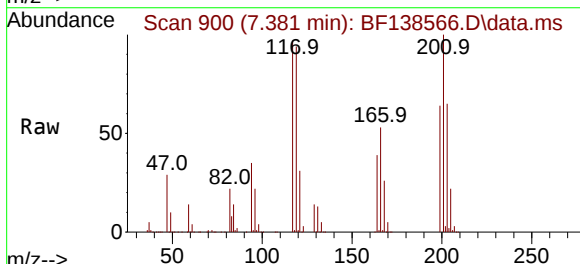
Instrument :
BNA_F
ClientSampleId :
PB162035BS

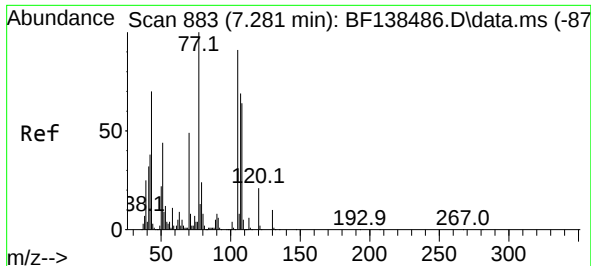
Tgt Ion:107 Resp: 362302
Ion Ratio Lower Upper
107 100
108 111.7 89.0 133.4
77 64.9 40.3 60.5#
79 61.3 40.2 60.4#



#18
Hexachloroethane
Concen: 41.082 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:117 Resp: 175442
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8
201 102.9 81.4 122.0

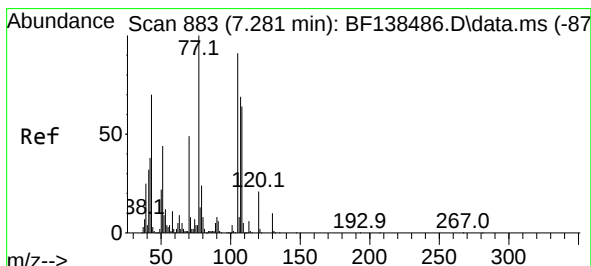
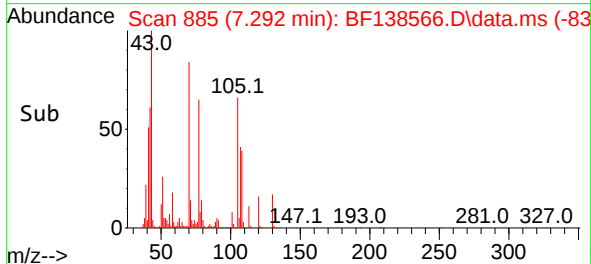
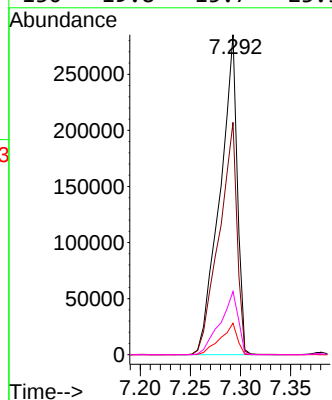
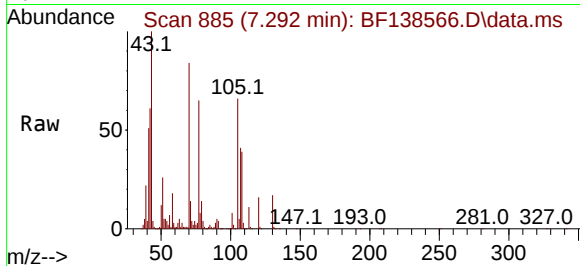




#19
n-Nitroso-di-n-propylamine
Concen: 43.486 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

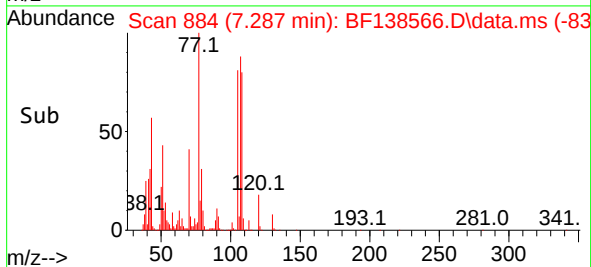
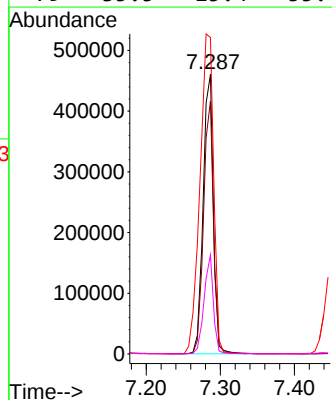
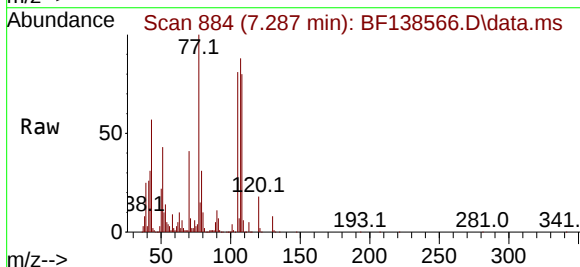
Instrument :
BNA_F
ClientSampleId :
PB162035BS

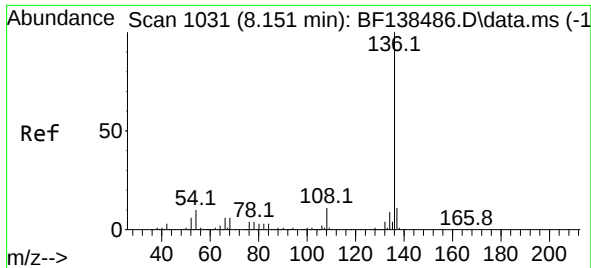
Tgt Ion: 70 Resp: 344029
Ion Ratio Lower Upper
70 100
42 72.6 62.4 93.6
101 9.9 7.2 10.8
130 19.8 15.7 23.5



#20
3+4-Methylphenols
Concen: 42.164 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

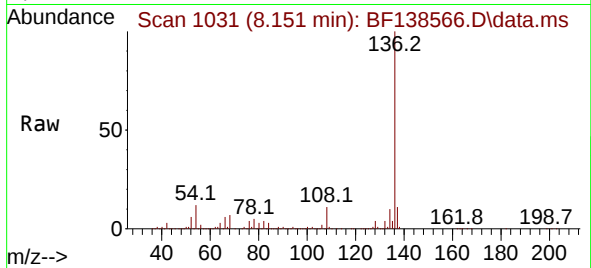
Tgt Ion: 107 Resp: 442851
Ion Ratio Lower Upper
107 100
108 90.5 73.7 113.7
77 113.2 126.0 166.0#
79 35.5 15.4 55.4



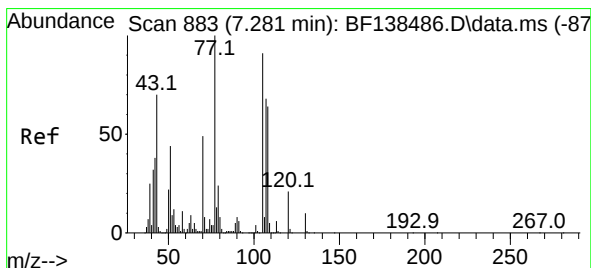
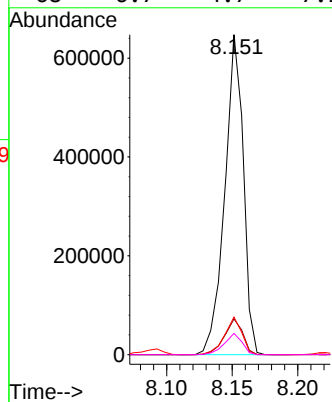
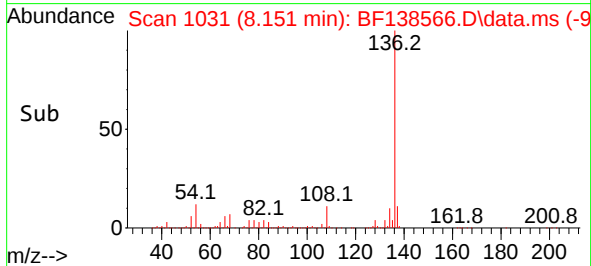


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

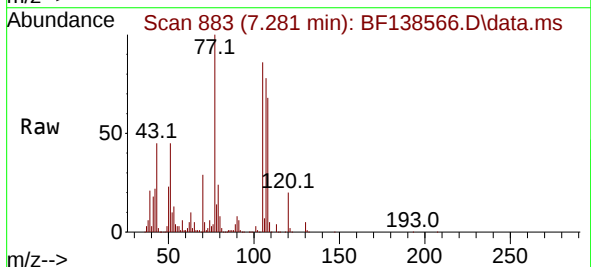
Instrument :
BNA_F
ClientSampleId :
PB162035BS



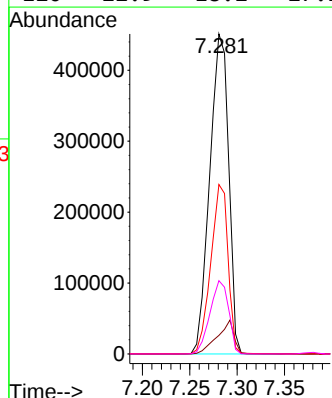
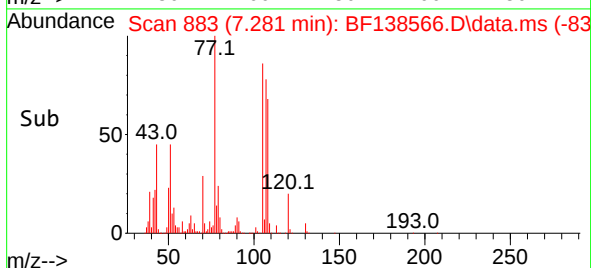
Tgt Ion:136 Resp: 635277
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.8 8.1 12.1
68 6.7 4.7 7.1



#22
Acetophenone
Concen: 40.597 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27



Tgt Ion:105 Resp: 626376
Ion Ratio Lower Upper
105 100
71 5.8 7.4 11.2#
51 53.0 38.7 58.1
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 78.708 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

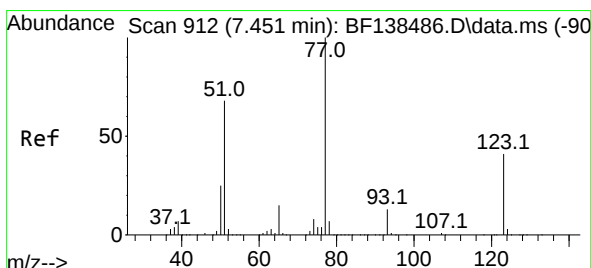
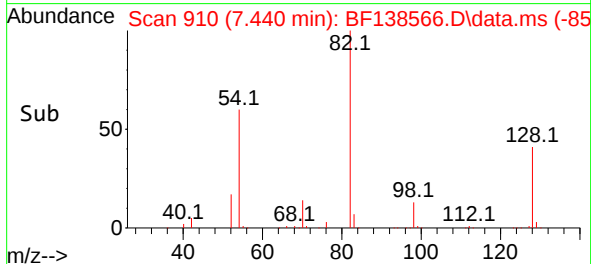
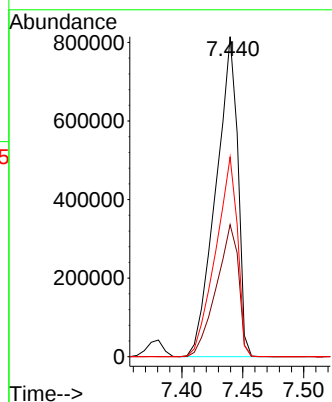
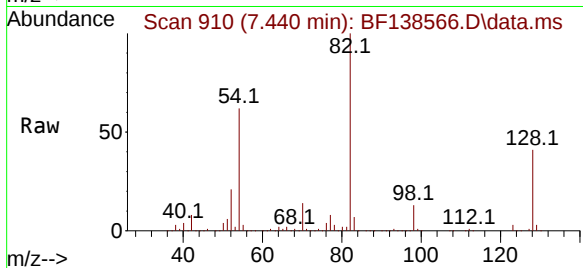
BNA_F

ClientSampleId :

PB162035BS

Tgt Ion: 82 Resp: 1018400

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	62.4	51.4	77.0



#24

Nitrobenzene

Concen: 38.849 ng

RT: 7.457 min Scan# 913

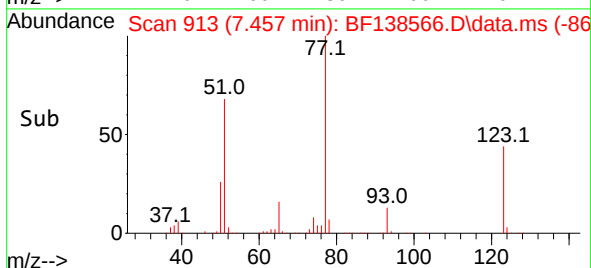
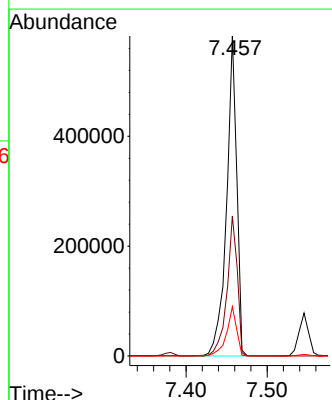
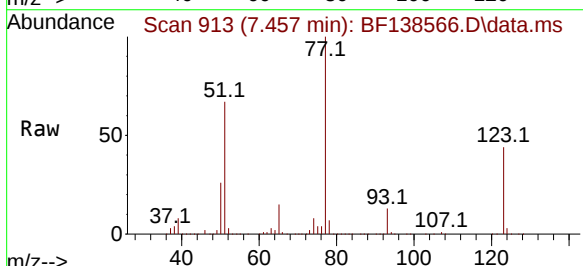
Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Tgt Ion: 77 Resp: 510825

Ion	Ratio	Lower	Upper
77	100		
123	43.7	32.4	48.6
65	15.4	11.8	17.8

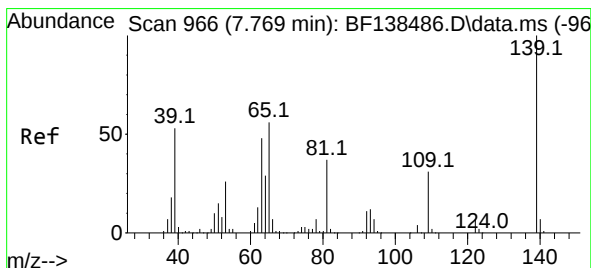
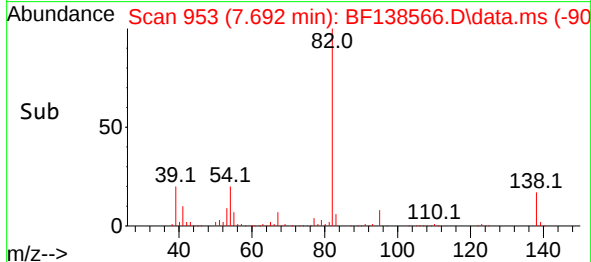
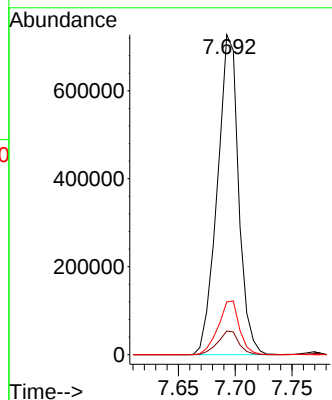
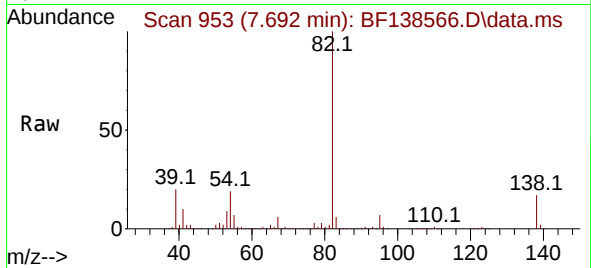




#25
Isophorone
Concen: 42.678 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

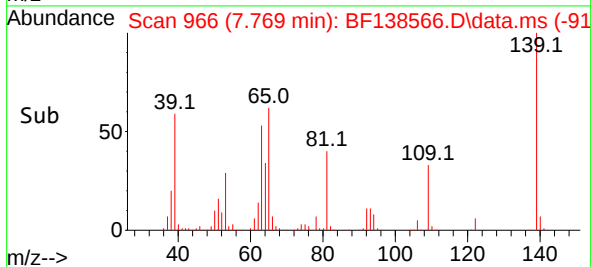
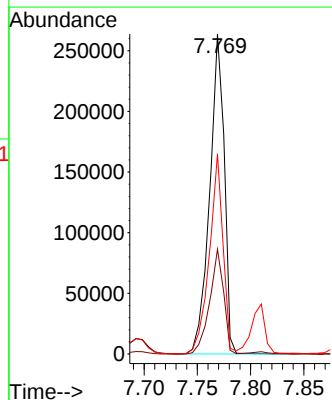
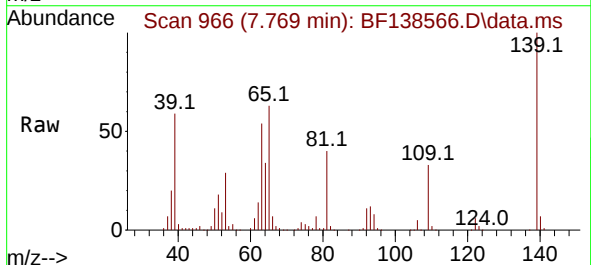
Instrument :
BNA_F
ClientSampleId :
PB162035BS

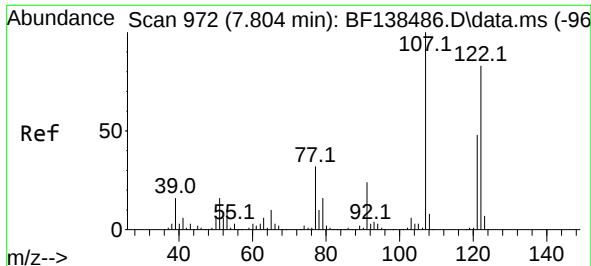
Tgt Ion: 82 Resp: 948326
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 44.595 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:139 Resp: 251323
Ion Ratio Lower Upper
139 100
109 32.7 24.8 37.2
65 62.6 45.1 67.7

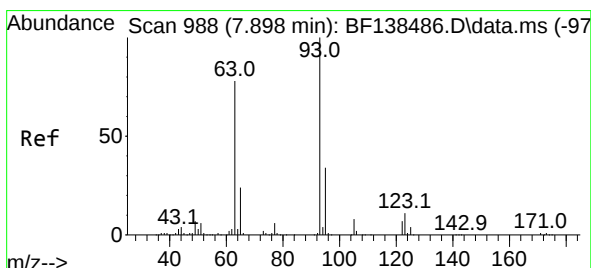
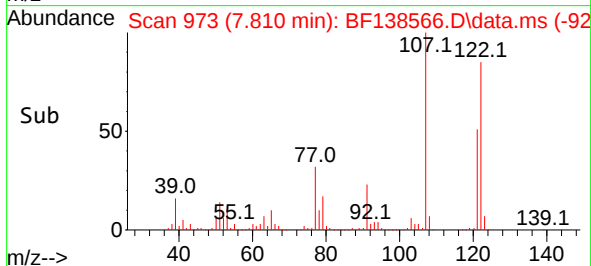
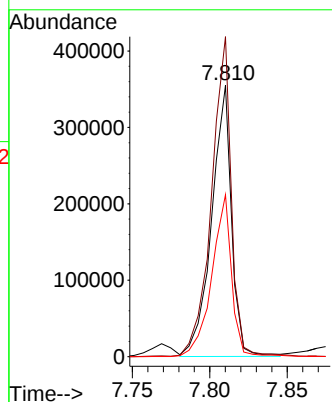
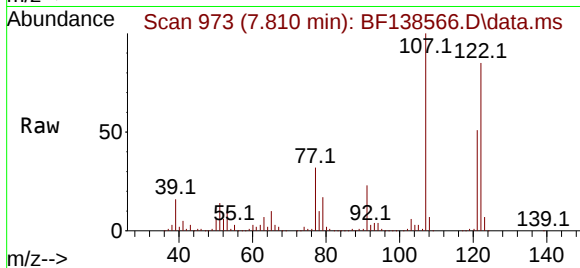




#27
2,4-Dimethylphenol
Concen: 45.774 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

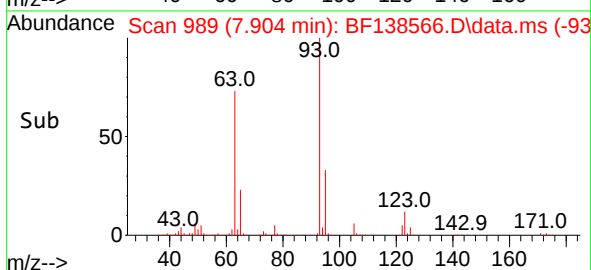
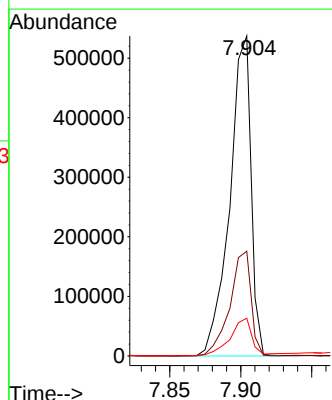
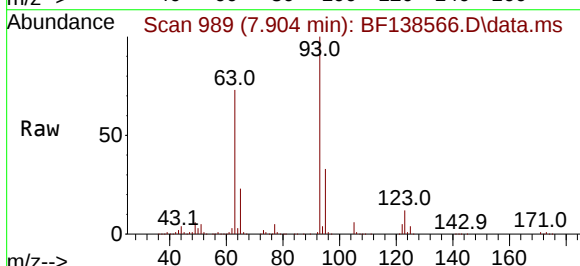
Instrument :
BNA_F
ClientSampleId :
PB162035BS

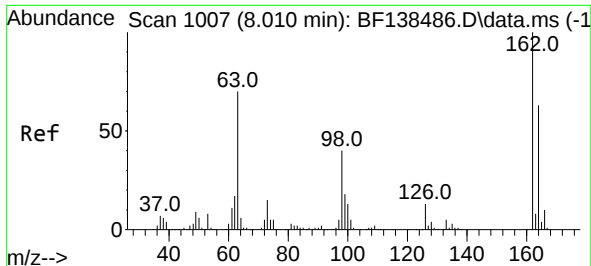
Tgt Ion:122 Resp: 317051
Ion Ratio Lower Upper
122 100
107 117.9 96.3 144.5
121 59.7 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.136 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion: 93 Resp: 559552
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.6
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.509 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

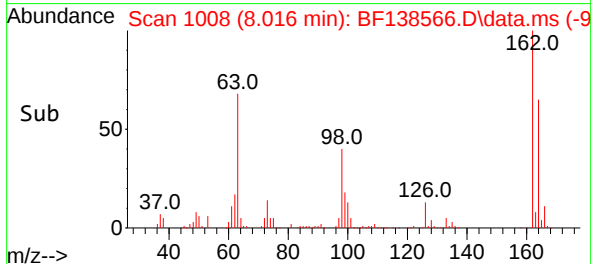
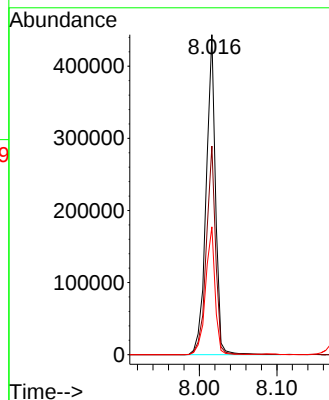
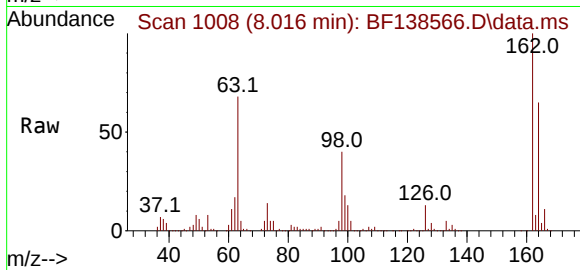
Tgt Ion:162 Resp: 373358

Ion Ratio Lower Upper

162 100

164 65.2 42.6 82.6

98 39.9 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 40.459 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

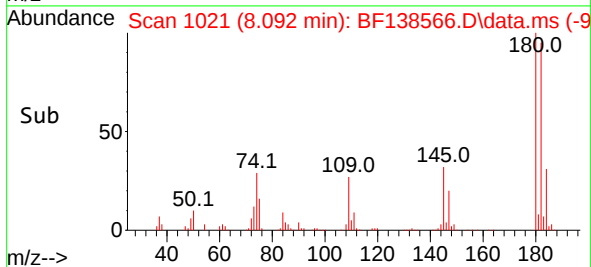
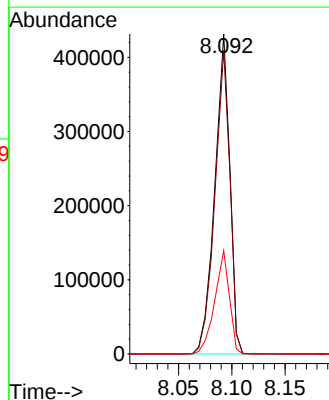
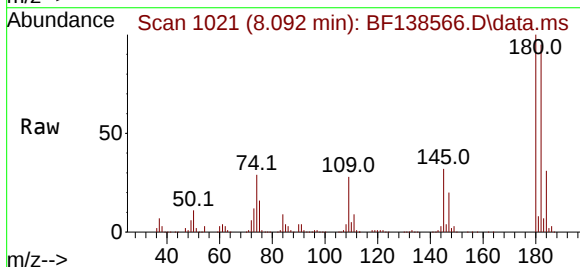
Tgt Ion:180 Resp: 423936

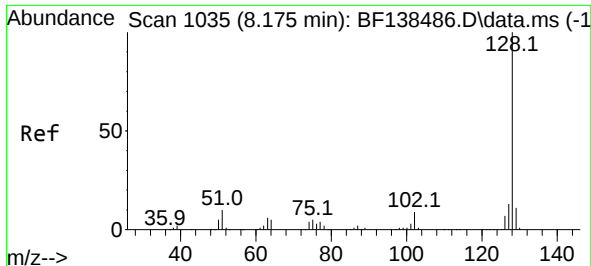
Ion Ratio Lower Upper

180 100

182 94.8 76.9 115.3

145 32.3 23.9 35.9

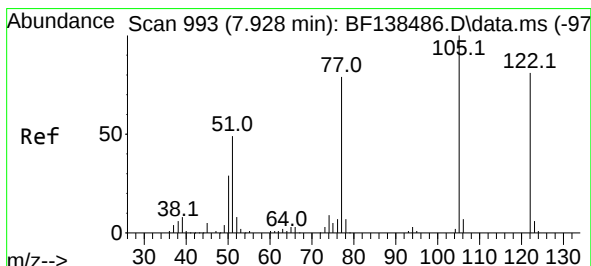
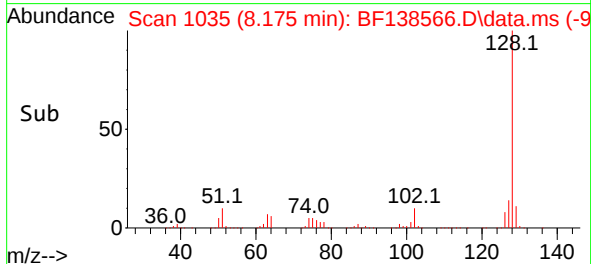
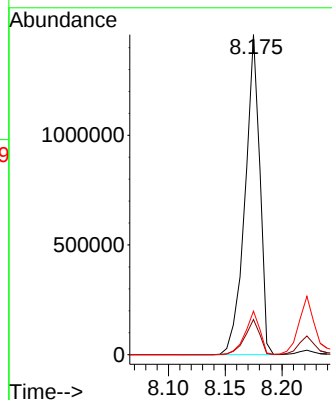
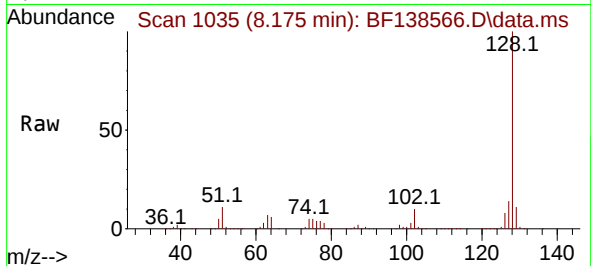




#31
Naphthalene
Concen: 39.825 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

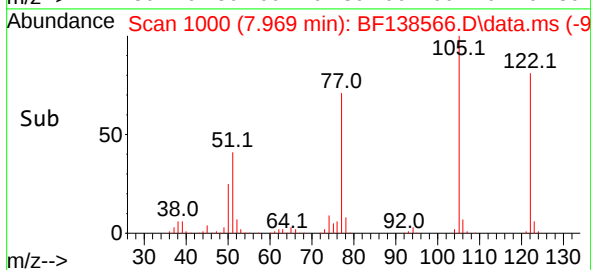
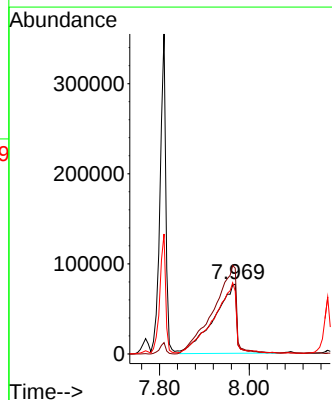
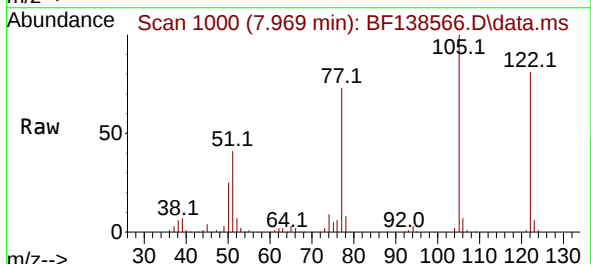
Instrument :
BNA_F
ClientSampleId :
PB162035BS

Tgt Ion:128 Resp: 1315806
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 41.491 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.041 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:122 Resp: 274104
Ion Ratio Lower Upper
122 100
105 123.0 101.5 141.5
77 89.9 77.3 117.3

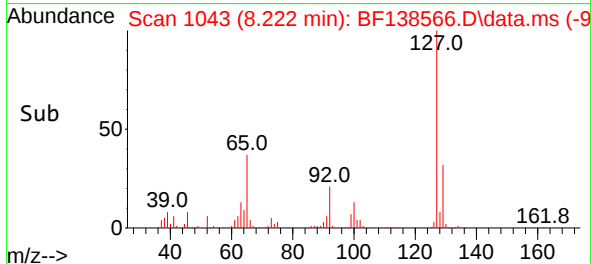
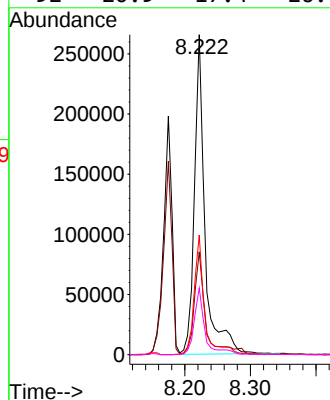
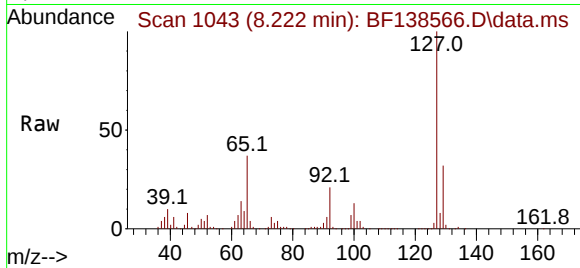




#33
4-Chloroaniline
Concen: 25.798 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

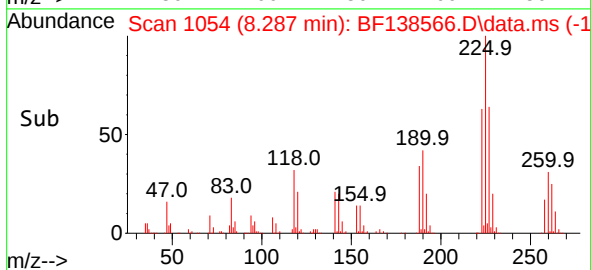
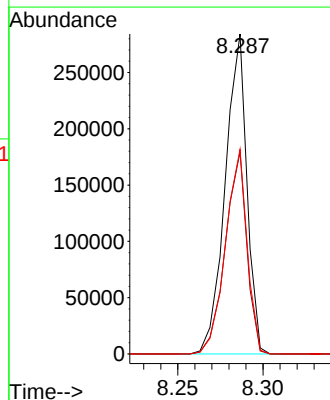
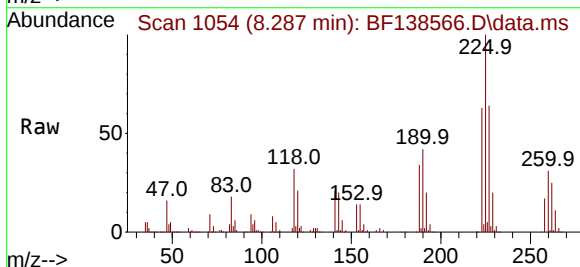
Instrument :
BNA_F
ClientSampleId :
PB162035BS

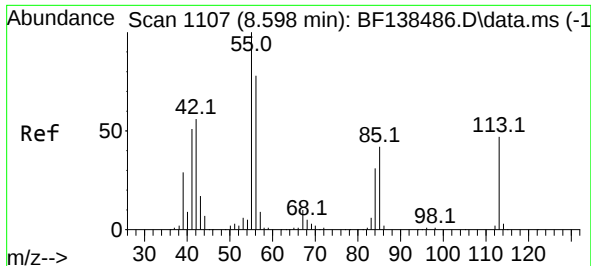
Tgt Ion:	127	Resp:	299061
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	37.3	29.6	44.4
92	20.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 38.961 ng
RT: 8.287 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:	225	Resp:	251390
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	64.0	51.0	76.6

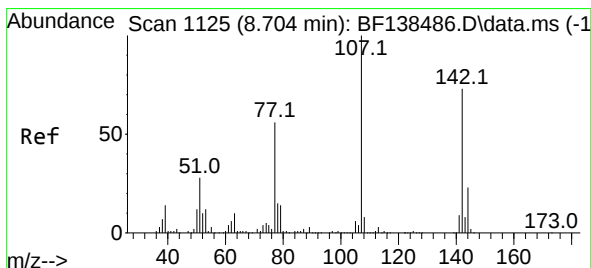
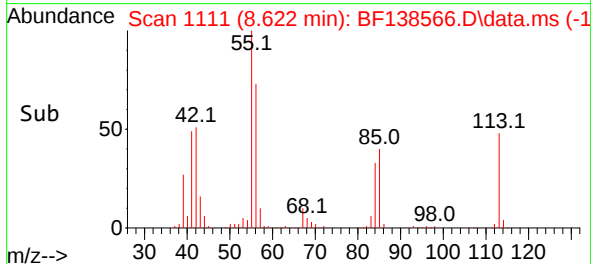
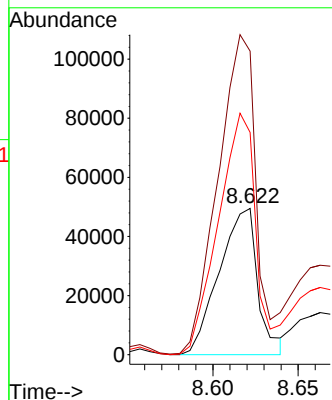
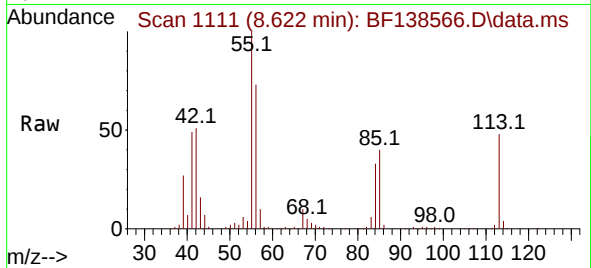




#35
 Caprolactam
 Concen: 26.877 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.024 min
 Lab File: BF138566.D
 Acq: 15 Jul 2024 13:27

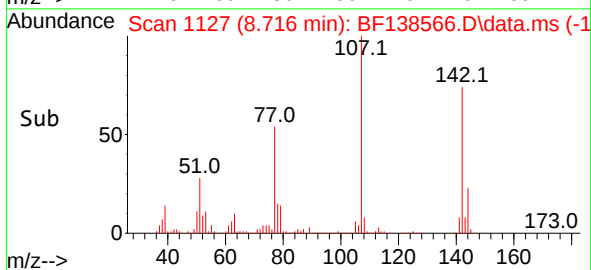
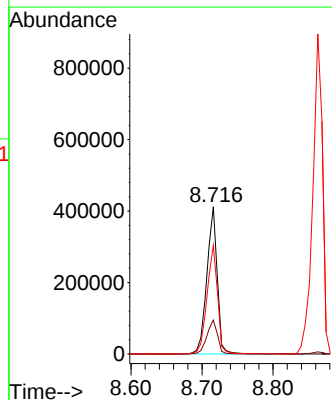
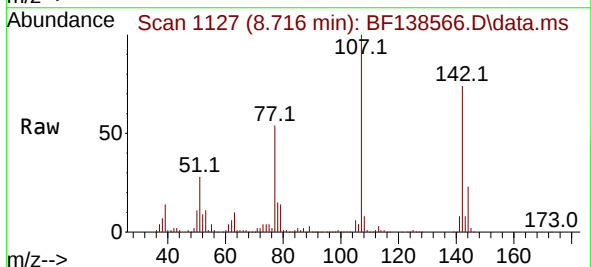
Instrument :
 BNA_F
 ClientSampleId :
 PB162035BS

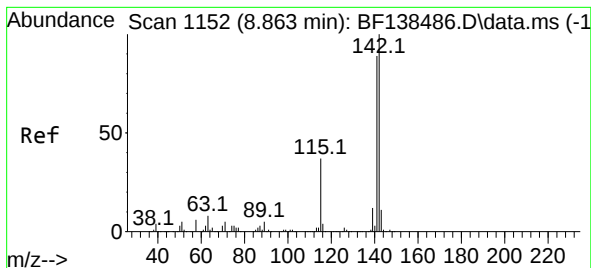
Tgt Ion:113 Resp: 78010
 Ion Ratio Lower Upper
 113 100
 55 207.5 192.5 232.5
 56 151.9 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.686 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. 0.012 min
 Lab File: BF138566.D
 Acq: 15 Jul 2024 13:27

Tgt Ion:107 Resp: 419775
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.6 27.8
 142 73.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 40.297 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

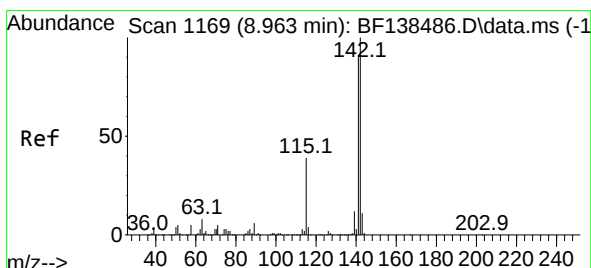
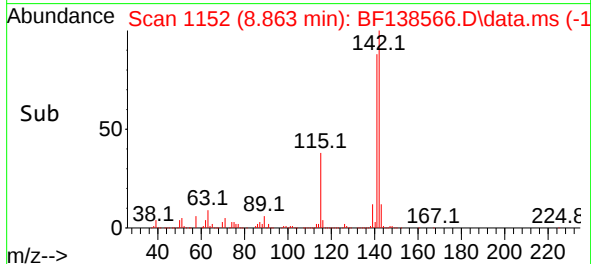
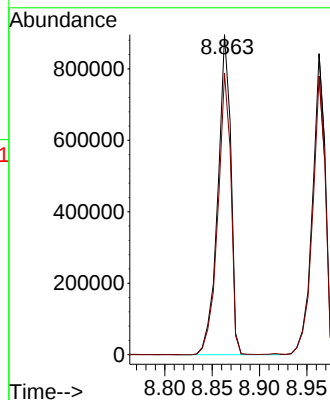
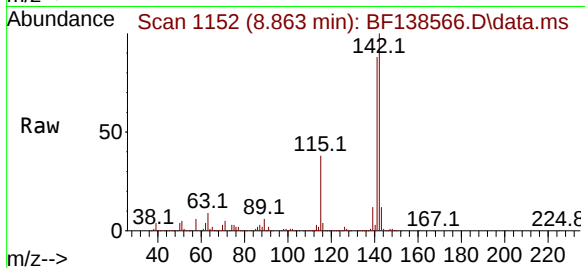
PB162035BS

Tgt Ion:142 Resp: 856780

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.0



#38

1-Methylnaphthalene

Concen: 37.991 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138566.D

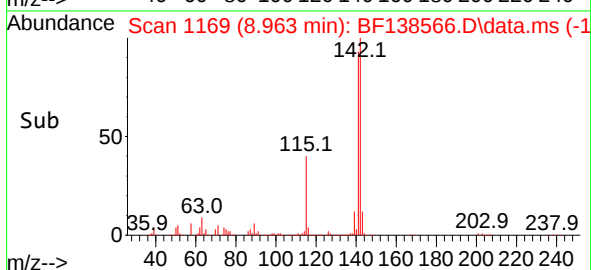
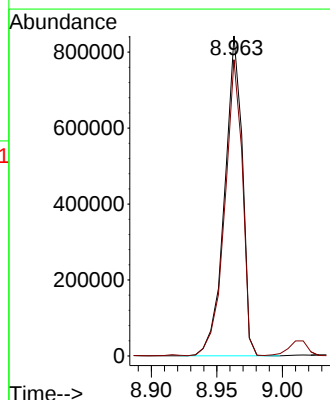
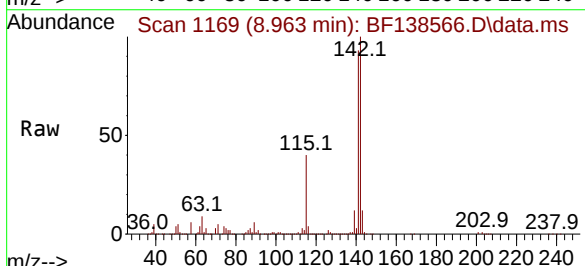
Acq: 15 Jul 2024 13:27

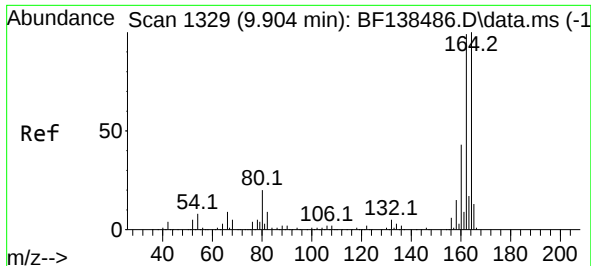
Tgt Ion:142 Resp: 788334

Ion Ratio Lower Upper

142 100

141 92.6 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

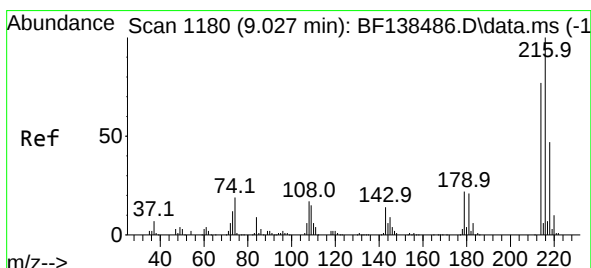
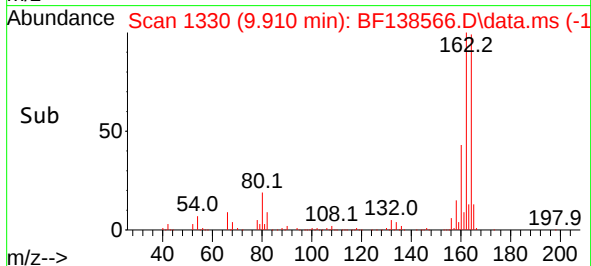
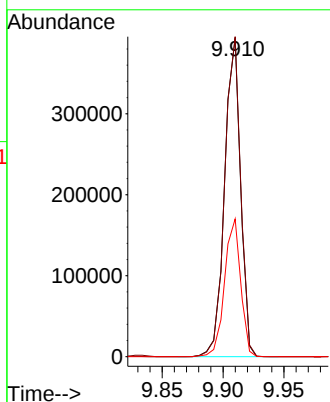
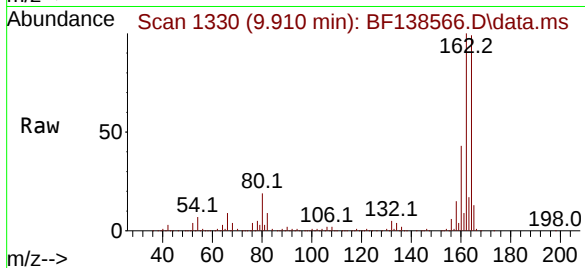
Tgt Ion:164 Resp: 358658

Ion Ratio Lower Upper

164 100

162 100.6 79.0 118.6

160 43.3 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.272 ng

RT: 9.034 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Tgt Ion:216 Resp: 402560

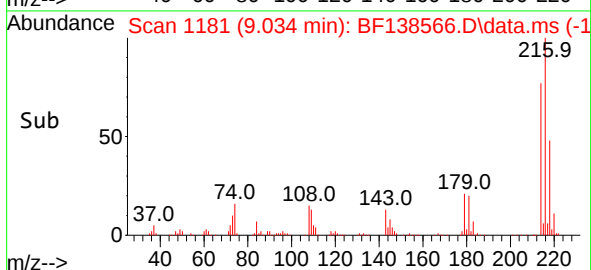
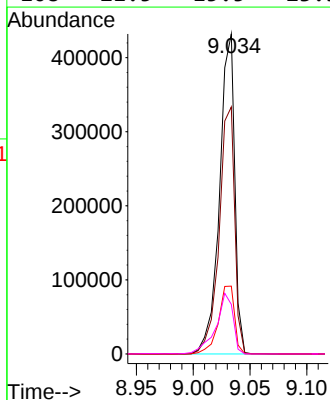
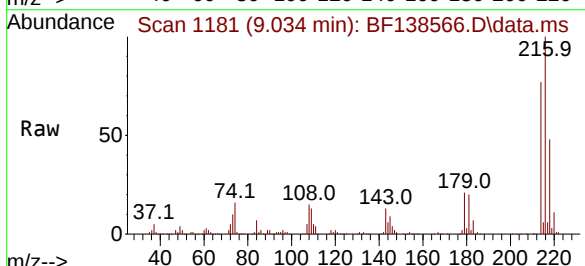
Ion Ratio Lower Upper

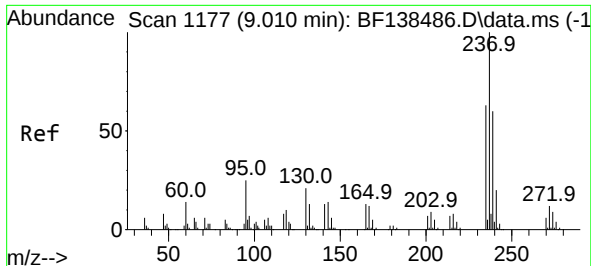
216 100

214 79.0 62.8 94.2

179 22.5 17.7 26.5

108 21.5 15.5 23.3

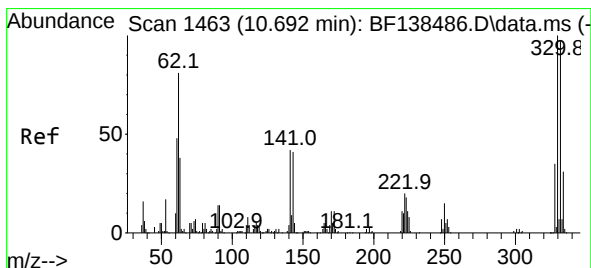
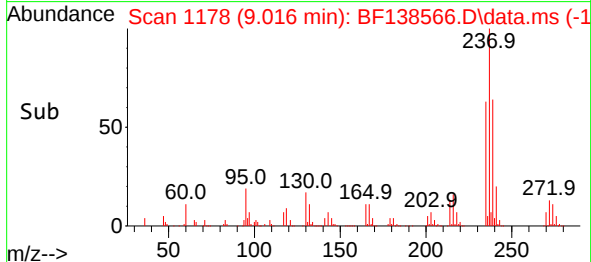
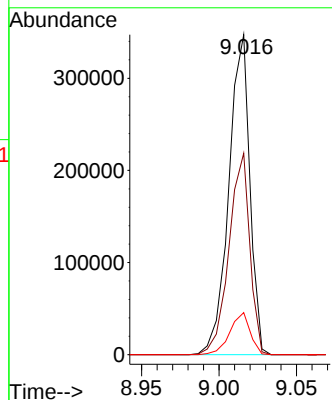
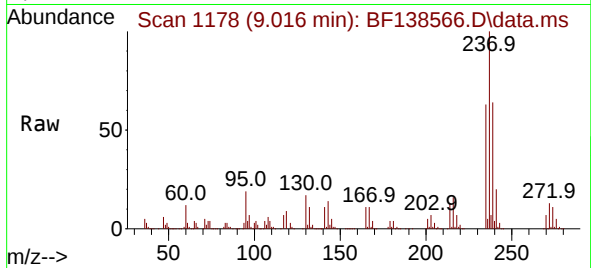




#41
Hexachlorocyclopentadiene
Concen: 100.839 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

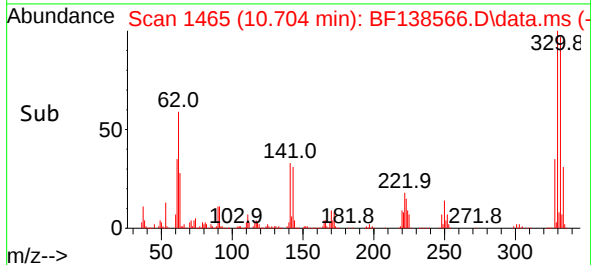
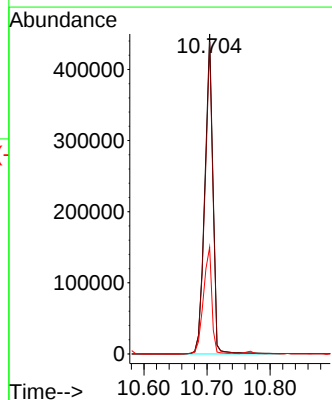
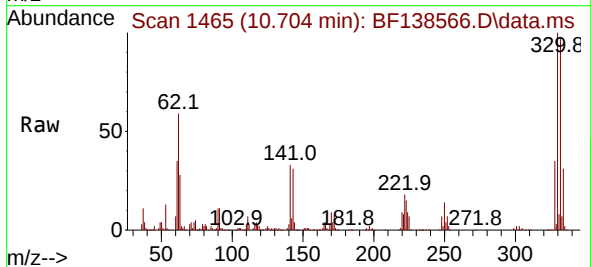
Instrument :
BNA_F
ClientSampleId :
PB162035BS

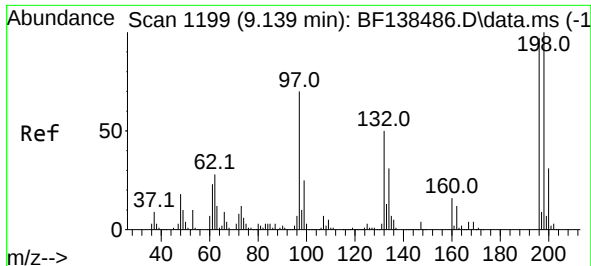
Tgt Ion:237 Resp: 327176
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 120.519 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:330 Resp: 403983
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 34.5 29.4 44.2

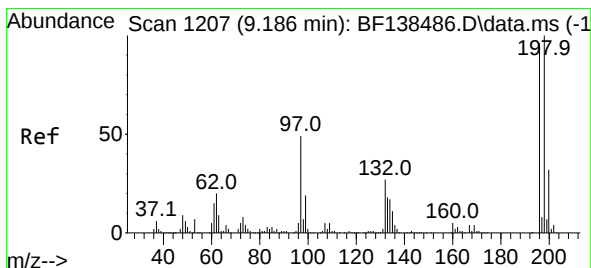
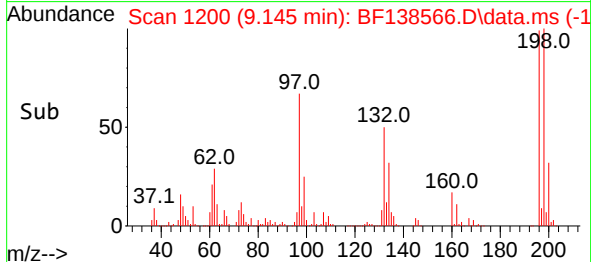
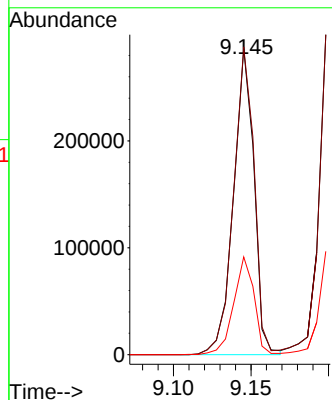
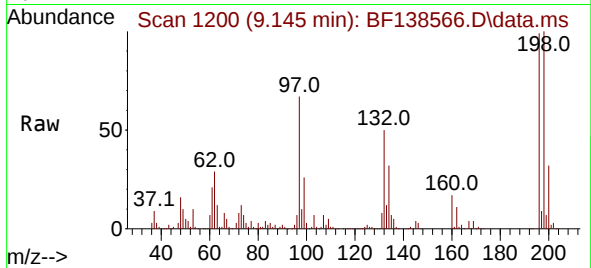




#43
2,4,6-Trichlorophenol
Concen: 41.298 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

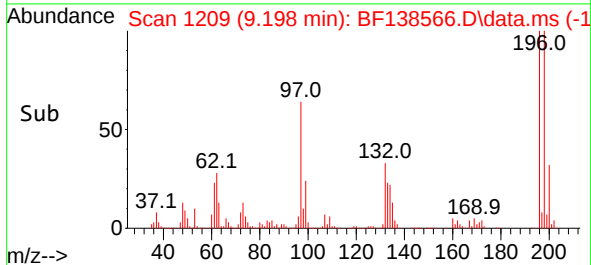
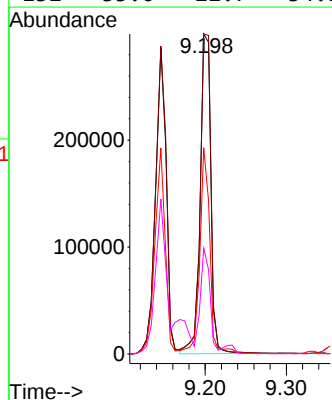
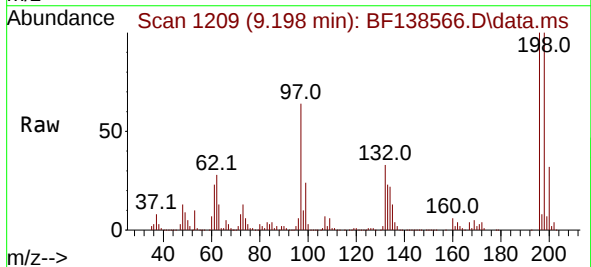
Instrument :
BNA_F
ClientSampleId :
PB162035BS

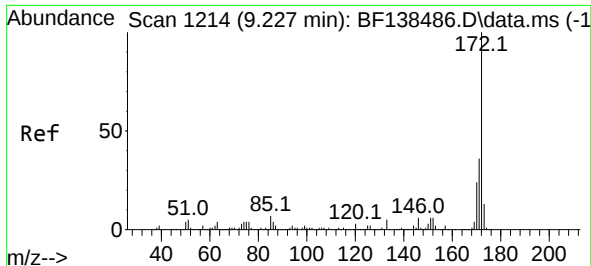
Tgt Ion:196 Resp: 263326
Ion Ratio Lower Upper
196 100
198 100.6 82.3 123.5
200 32.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 39.202 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:196 Resp: 274925
Ion Ratio Lower Upper
196 100
198 100.0 82.8 124.2
97 64.5 41.0 61.4#
132 33.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 74.970 ng

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

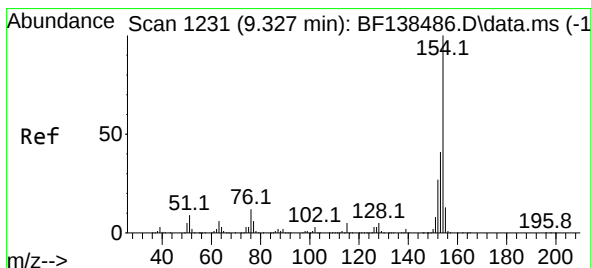
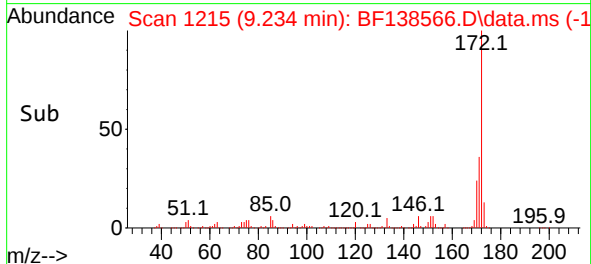
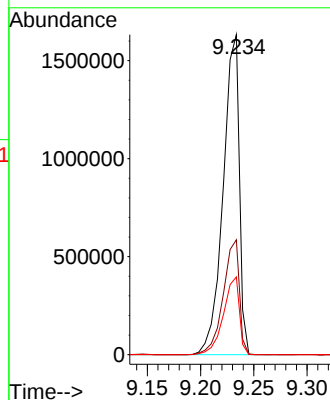
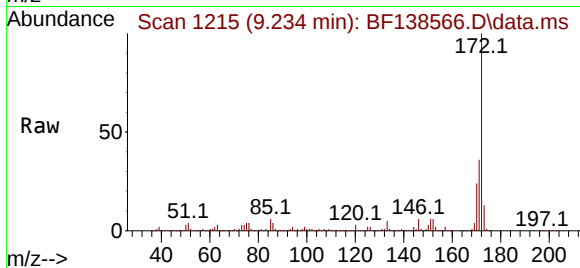
Tgt Ion:172 Resp: 1720430

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 24.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.610 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

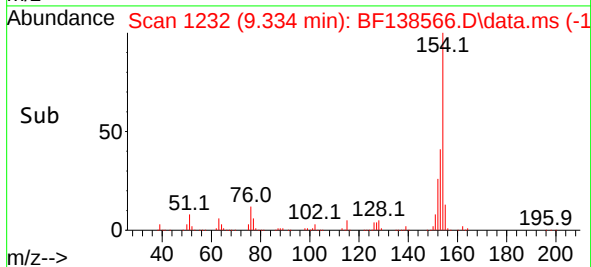
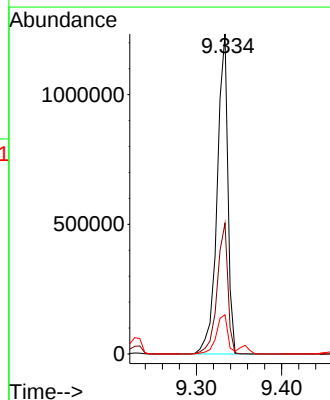
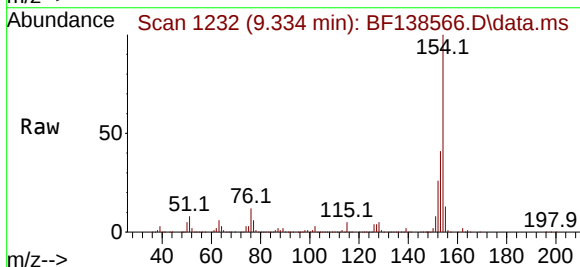
Tgt Ion:154 Resp: 1076636

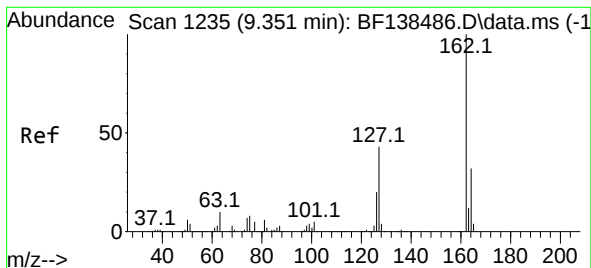
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

76 12.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 39.559 ng

RT: 9.357 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

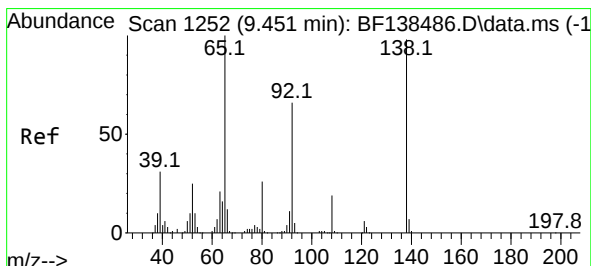
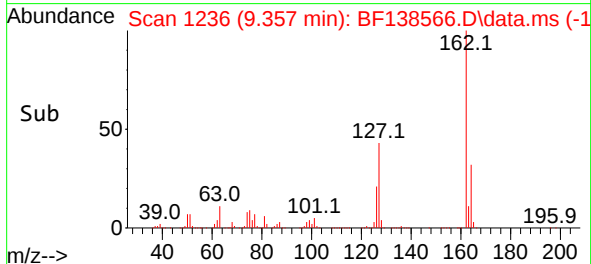
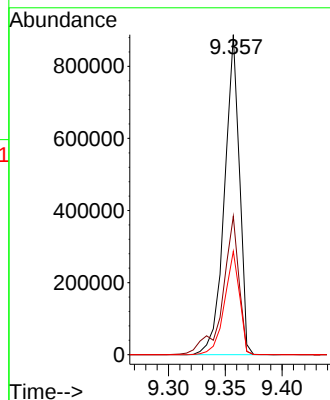
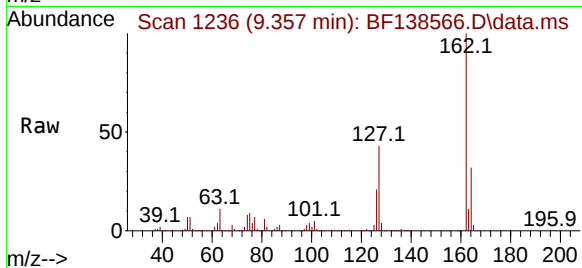
Tgt Ion:162 Resp: 812303

Ion Ratio Lower Upper

162 100

127 43.2 34.8 52.2

164 32.3 25.6 38.4



#48

2-Nitroaniline

Concen: 41.965 ng

RT: 9.457 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

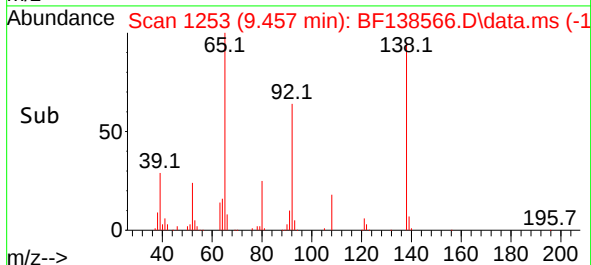
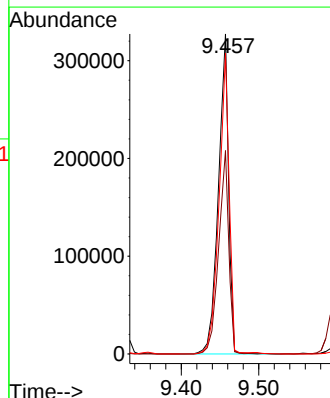
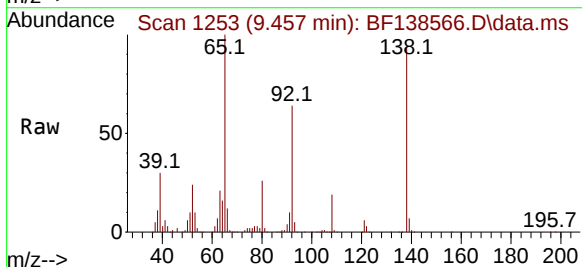
Tgt Ion: 65 Resp: 298609

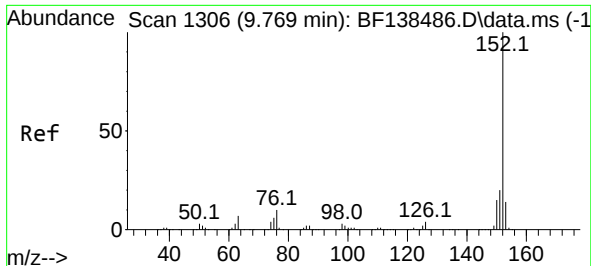
Ion Ratio Lower Upper

65 100

92 63.5 52.6 78.8

138 94.0 78.6 118.0





#49

Acenaphthylene

Concen: 42.745 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

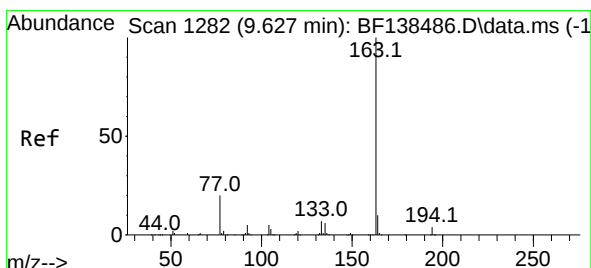
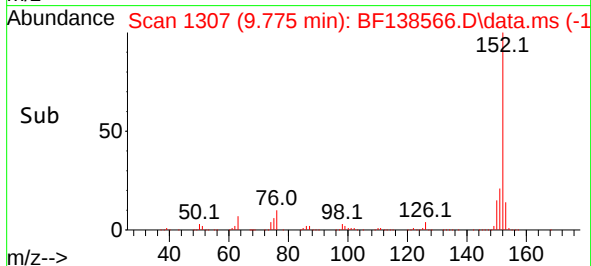
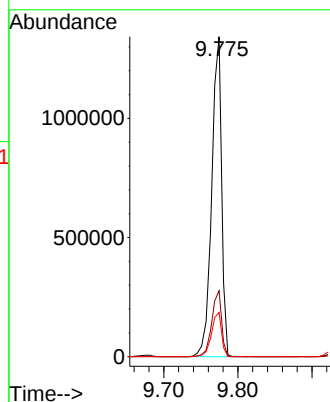
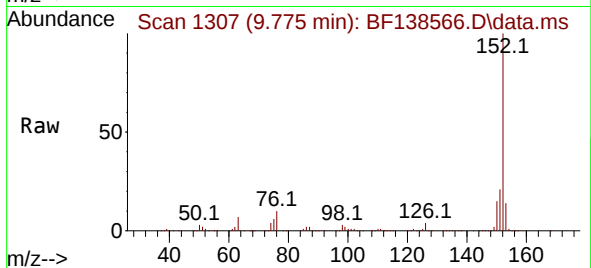
Tgt Ion:152 Resp: 1246164

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.9 11.3 16.9



#50

Dimethylphthalate

Concen: 42.712 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.012 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

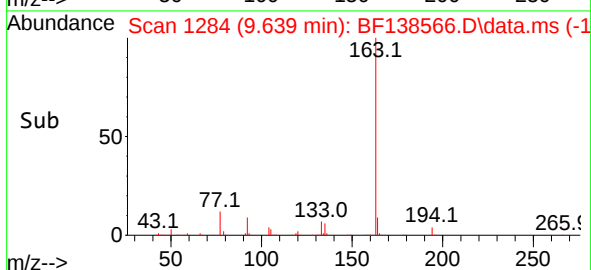
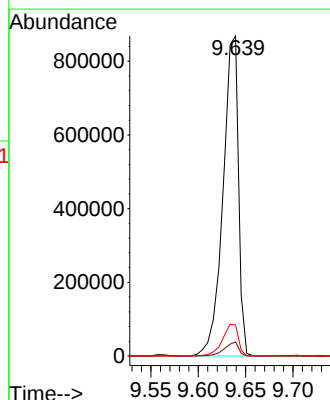
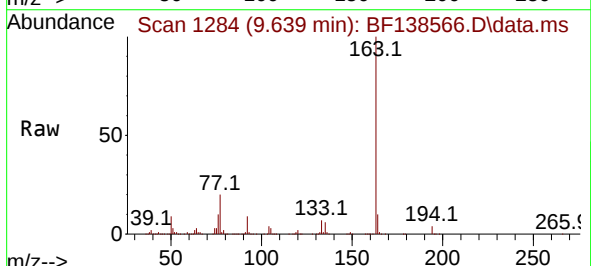
Tgt Ion:163 Resp: 990550

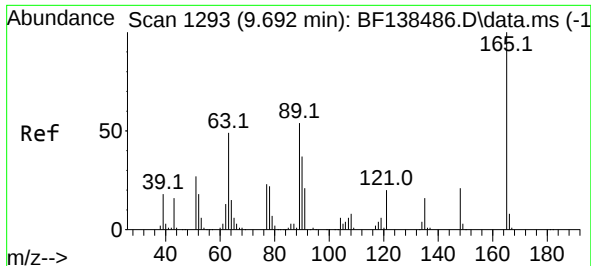
Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

164 9.7 8.1 12.1

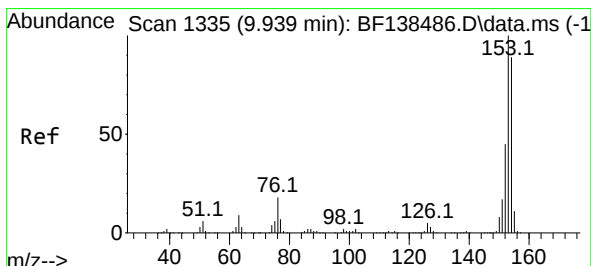
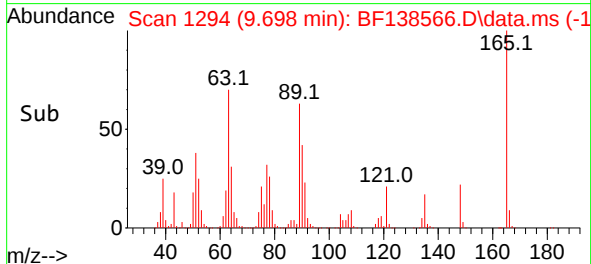
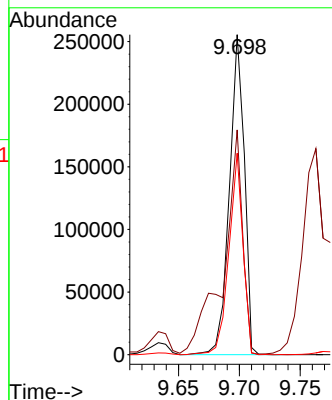
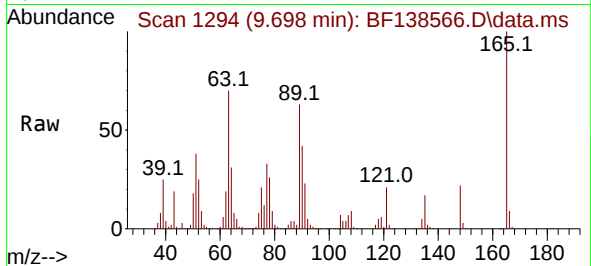




#51
2,6-Dinitrotoluene
Concen: 40.685 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

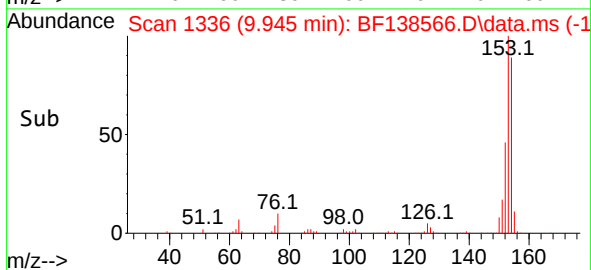
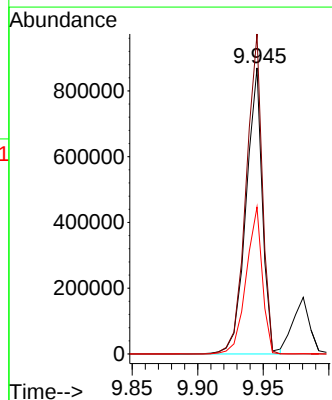
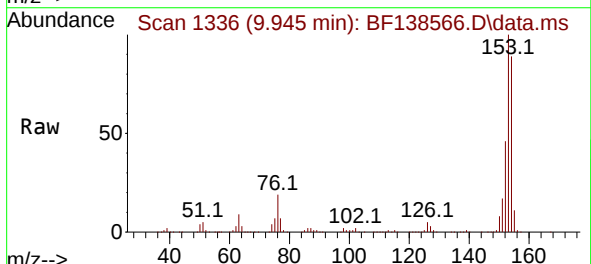
Instrument :
BNA_F
ClientSampleId :
PB162035BS

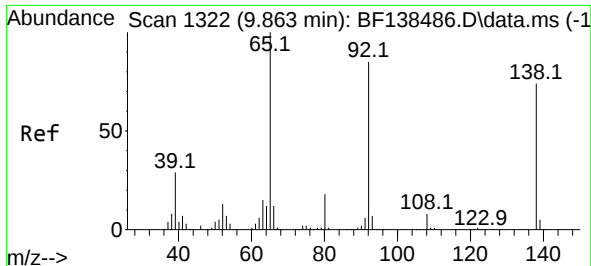
Tgt Ion:165 Resp: 217251
Ion Ratio Lower Upper
165 100
63 70.3 48.1 72.1
89 62.9 43.0 64.6



#52
Acenaphthene
Concen: 38.875 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:154 Resp: 753352
Ion Ratio Lower Upper
154 100
153 111.9 90.4 135.6
152 51.3 41.1 61.7

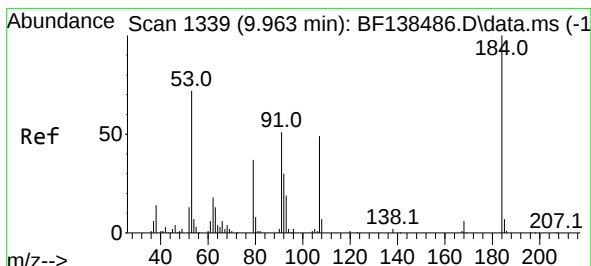
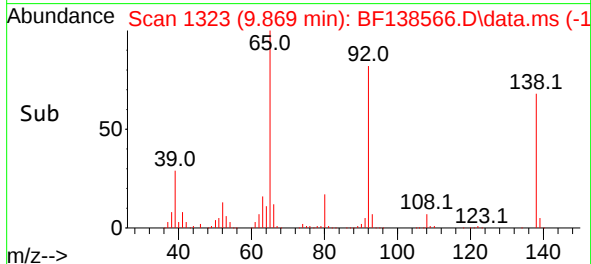
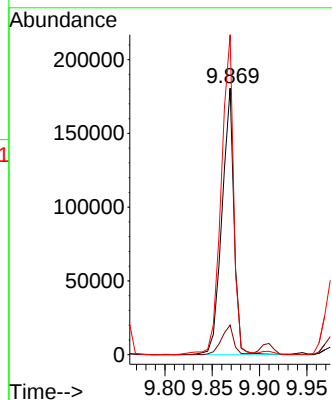
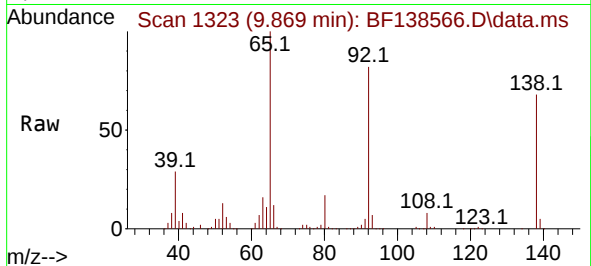




#53
3-Nitroaniline
Concen: 29.272 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

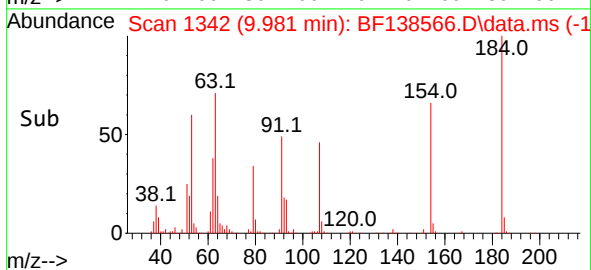
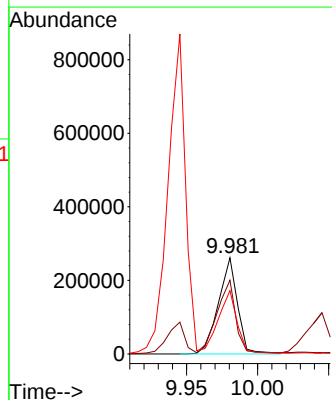
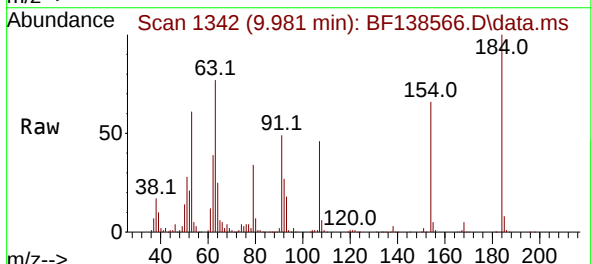
Instrument :
BNA_F
ClientSampleId :
PB162035BS

Tgt Ion:138 Resp: 160203
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 120.0 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 85.249 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.018 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:184 Resp: 245239
Ion Ratio Lower Upper
184 100
63 76.7 70.6 106.0
154 65.9 53.8 80.6

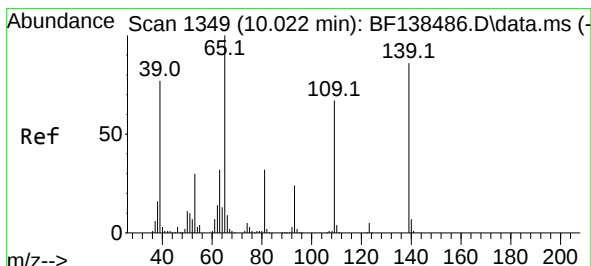
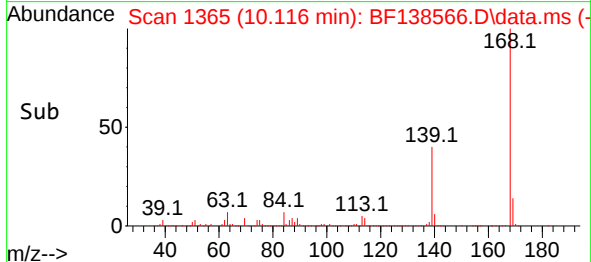
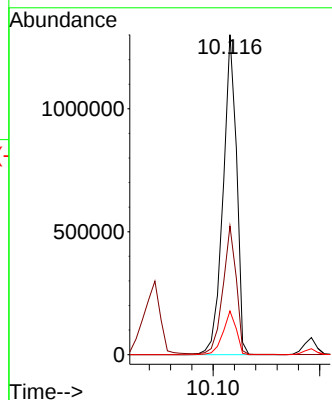
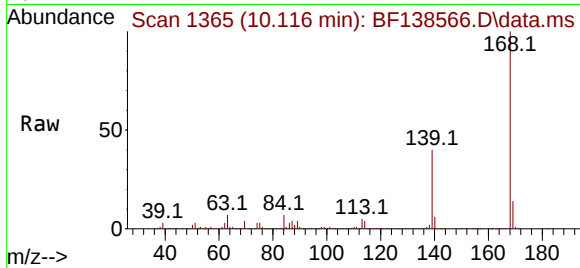




#55
Dibenzenofuran
Concen: 40.418 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

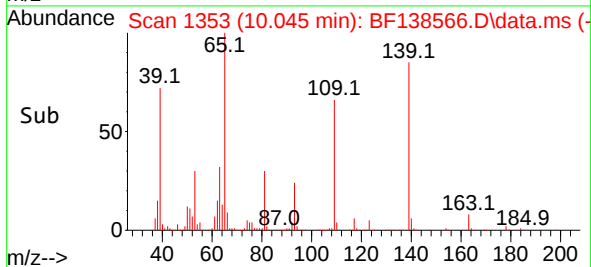
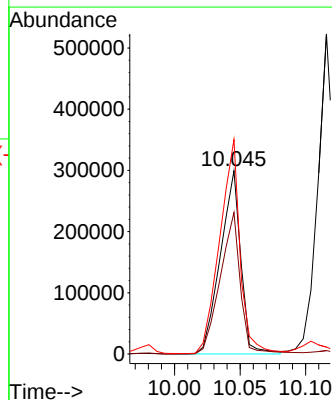
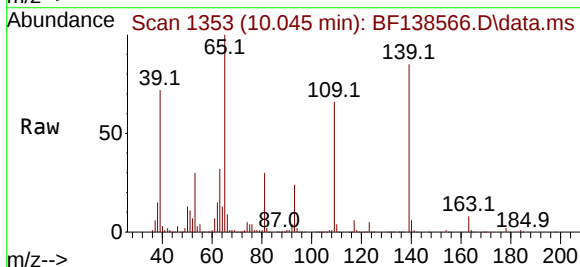
Instrument :
BNA_F
ClientSampleId :
PB162035BS

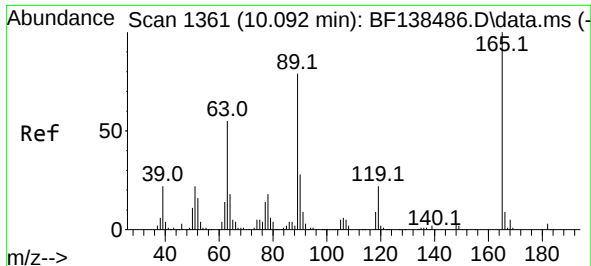
Tgt Ion:168 Resp: 1136090
Ion Ratio Lower Upper
168 100
139 40.2 32.4 48.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 80.232 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.024 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:139 Resp: 323996
Ion Ratio Lower Upper
139 100
109 77.2 58.1 98.1
65 117.0 96.9 136.9

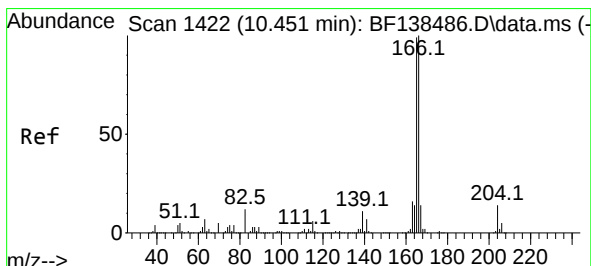
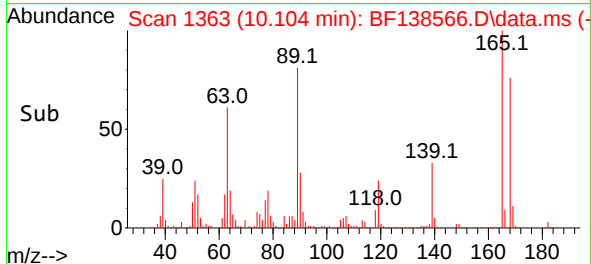
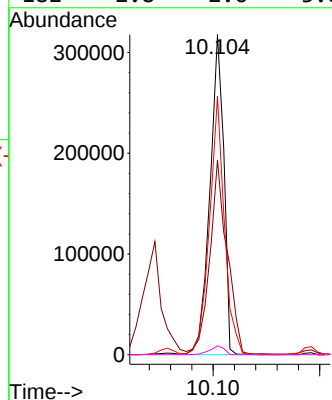
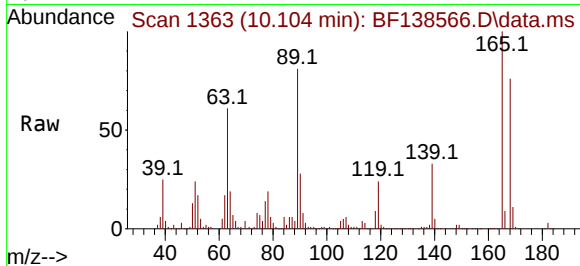




#57
2,4-Dinitrotoluene
Concen: 41.817 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

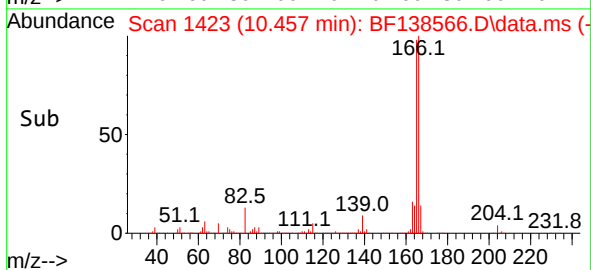
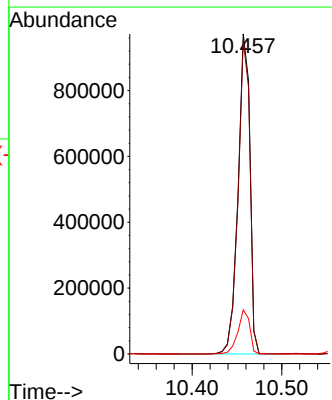
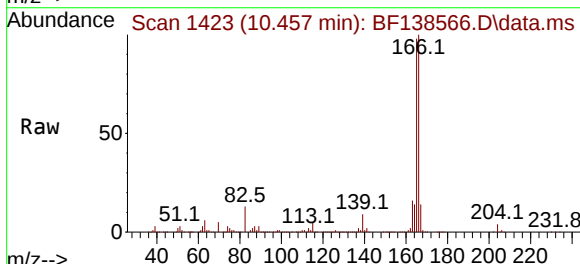
Instrument :
BNA_F
ClientSampleId :
PB162035BS

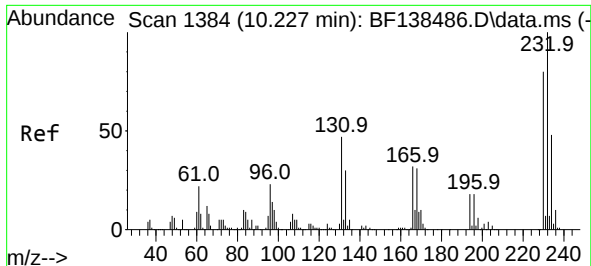
Tgt Ion:165 Resp: 288910
Ion Ratio Lower Upper
165 100
63 60.9 44.6 66.8
89 80.7 63.4 95.2
182 2.8 2.6 3.8



#58
Fluorene
Concen: 40.313 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:166 Resp: 896588
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.8 11.0 16.6

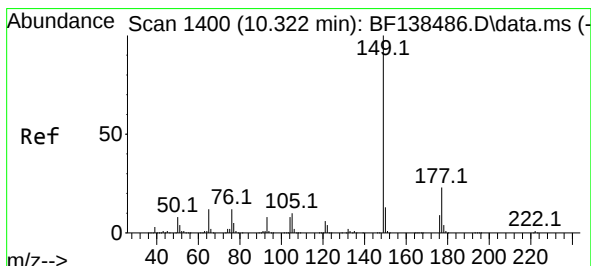
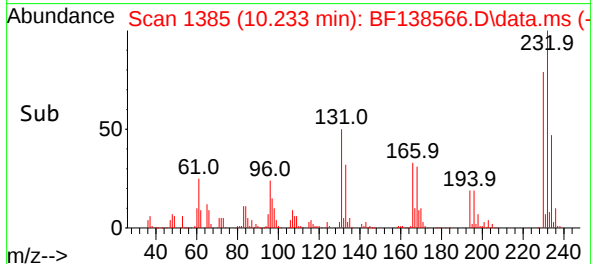
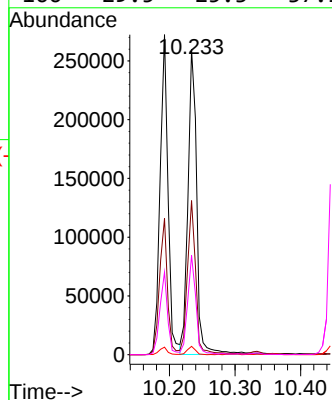
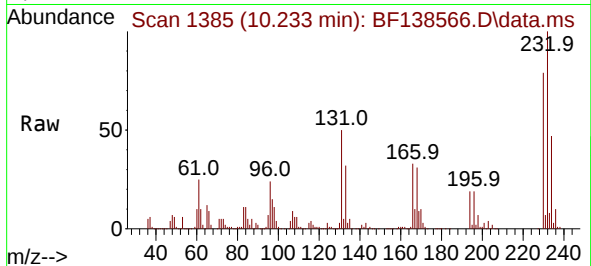




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.365 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

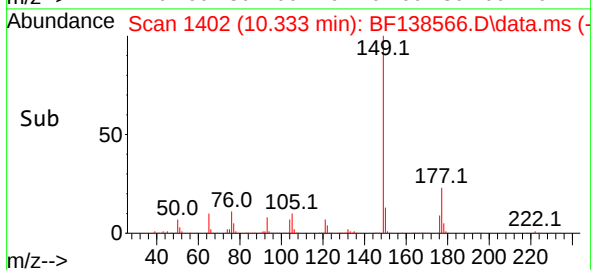
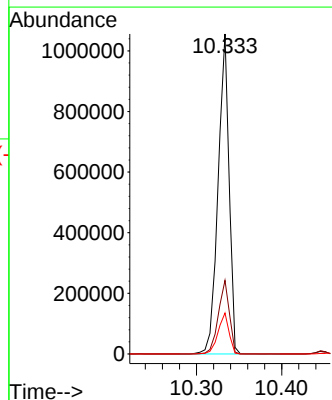
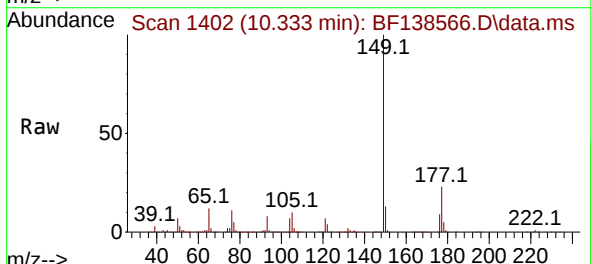
Instrument :
BNA_F
ClientSampleId :
PB162035BS

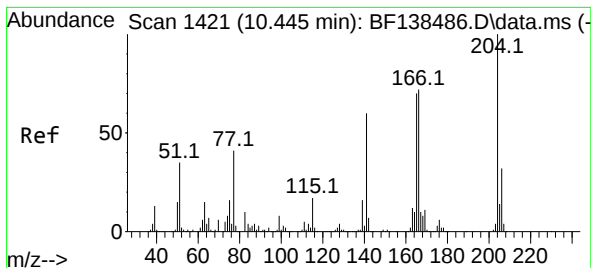
Tgt Ion:232 Resp: 240018
Ion Ratio Lower Upper
232 100
131 48.2 37.5 56.3
130 2.5 2.0 3.0
166 29.5 25.3 37.9



#60
Diethylphthalate
Concen: 42.286 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.012 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:149 Resp: 945413
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.8 10.3 15.5

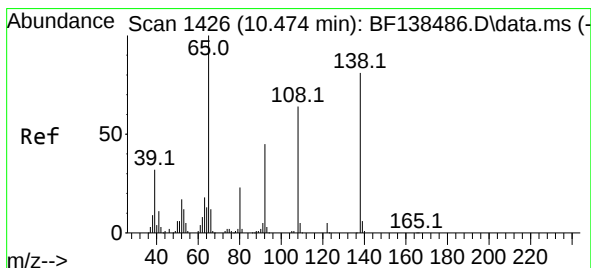
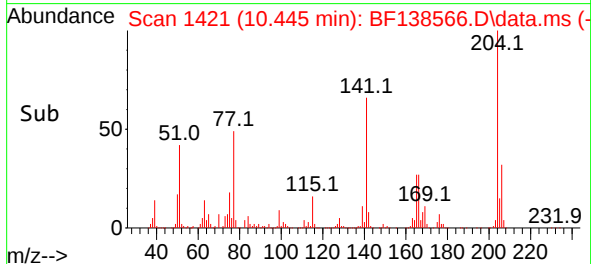
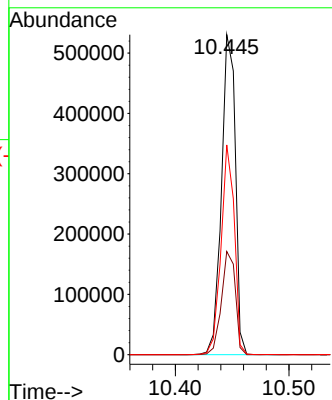
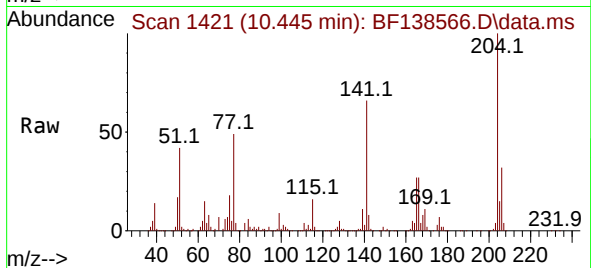




#61
4-Chlorophenyl-phenylether
Concen: 40.574 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

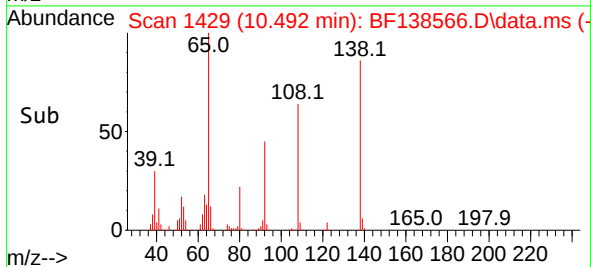
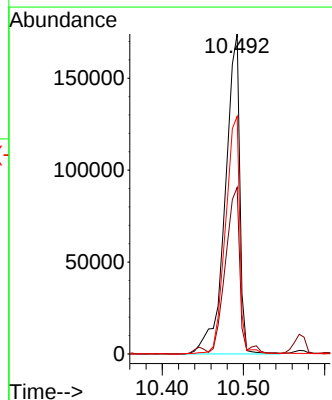
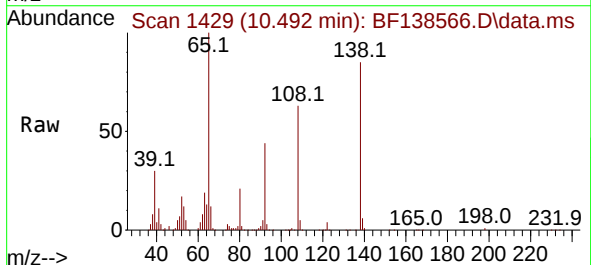
Instrument :
BNA_F
ClientSampleId :
PB162035BS

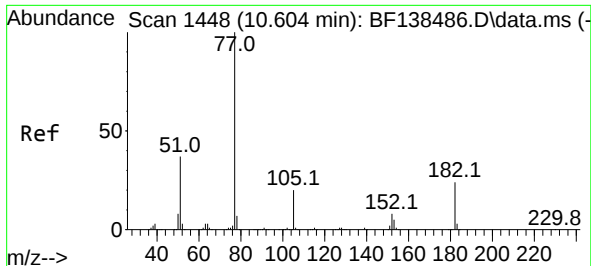
Tgt Ion:204 Resp: 453134
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 65.6 47.7 71.5



#62
4-Nitroaniline
Concen: 39.704 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:138 Resp: 217745
Ion Ratio Lower Upper
138 100
92 52.0 35.8 75.8
108 74.3 59.8 99.8



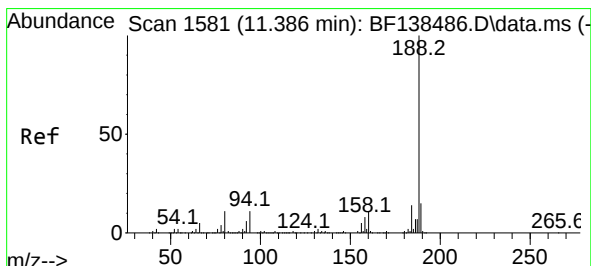
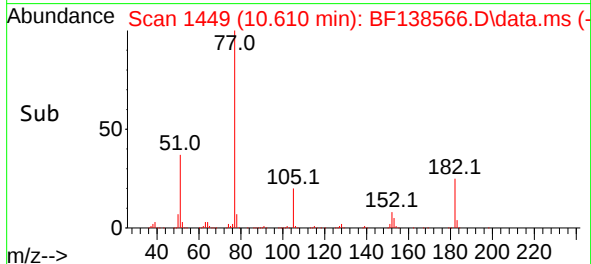
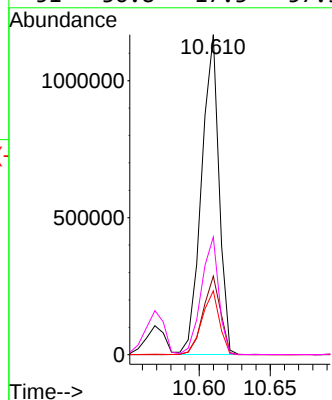
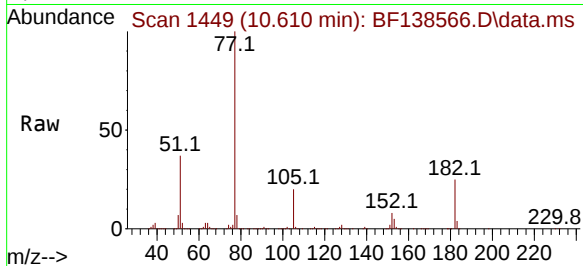


#63
Azobenzene
Concen: 41.652 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB162035BS

Tgt Ion: 77 Resp: 1001194

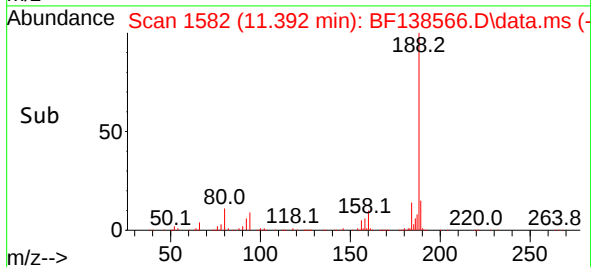
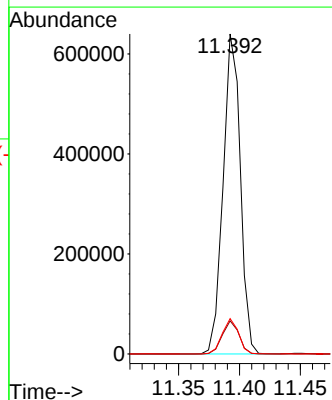
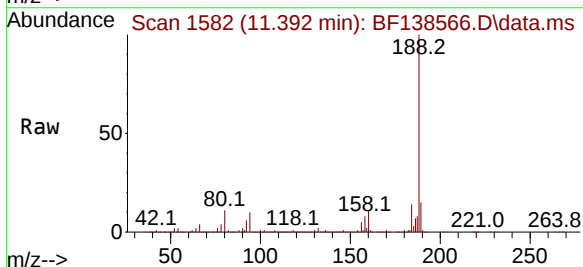
Ion	Ratio	Lower	Upper
77	100		
182	24.5	3.8	43.8
105	20.0	0.0	39.8
51	36.8	17.3	57.3

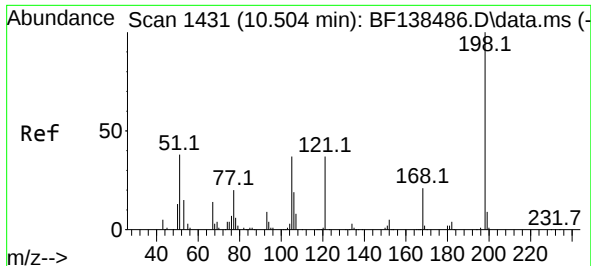


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion: 188 Resp: 630399

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.7	13.1
80	11.1	9.0	13.4

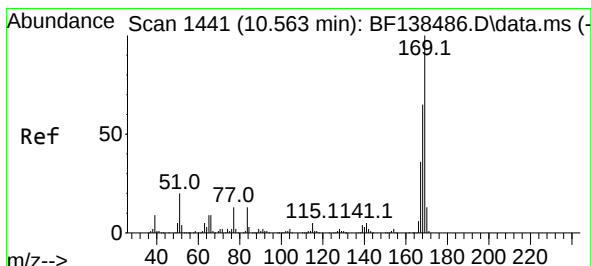
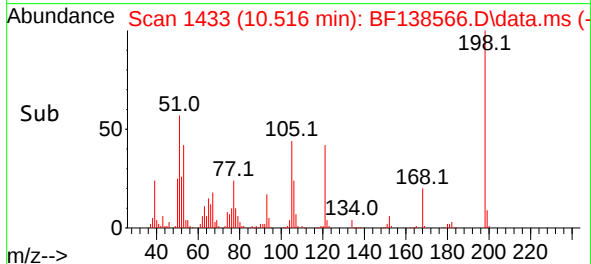
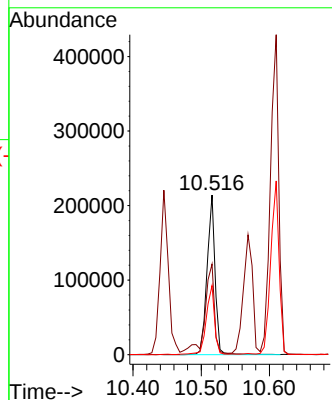
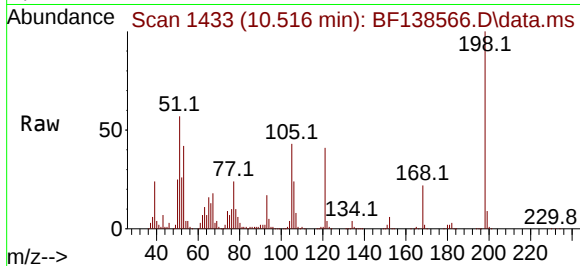




#65
4,6-Dinitro-2-methylphenol
Concen: 48.479 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

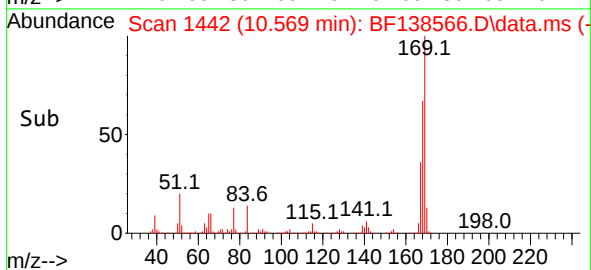
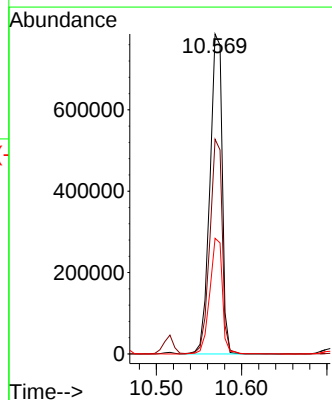
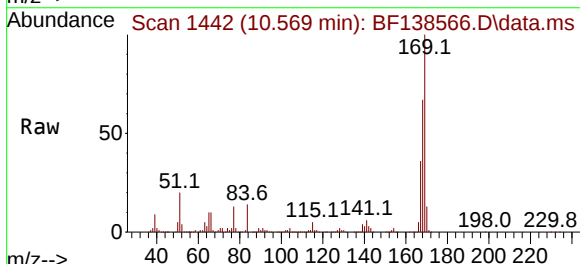
Instrument :
BNA_F
ClientSampleId :
PB162035BS

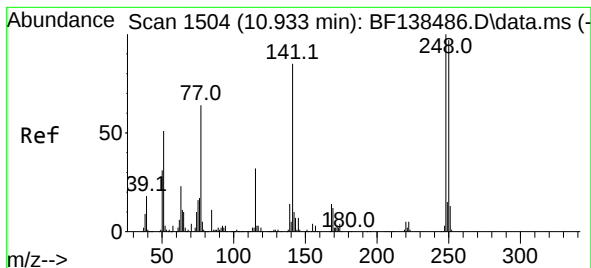
Tgt Ion:198 Resp: 176464
Ion Ratio Lower Upper
198 100
51 56.7 27.2 67.2
105 43.3 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 41.810 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

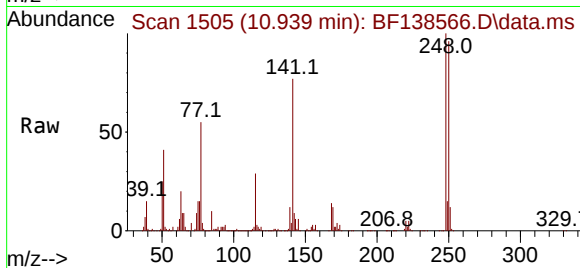
Tgt Ion:169 Resp: 789664
Ion Ratio Lower Upper
169 100
168 67.1 51.7 77.5
167 36.2 28.5 42.7



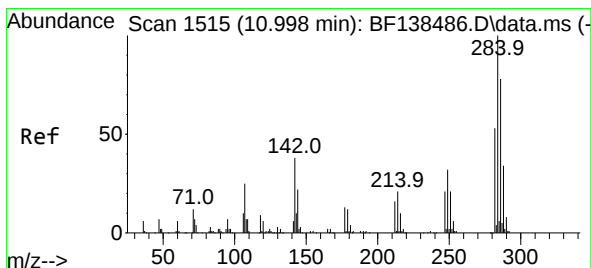
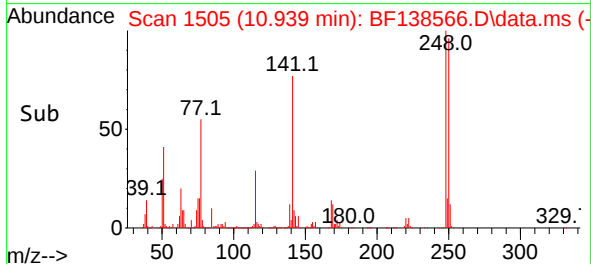
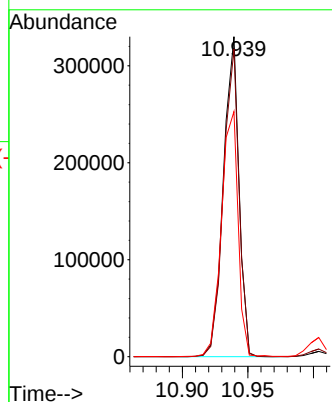


#67
4-Bromophenyl-phenylether
Concen: 42.082 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB162035BS

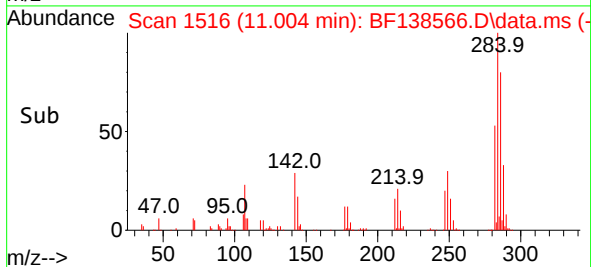
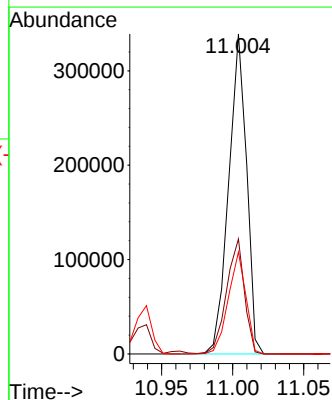
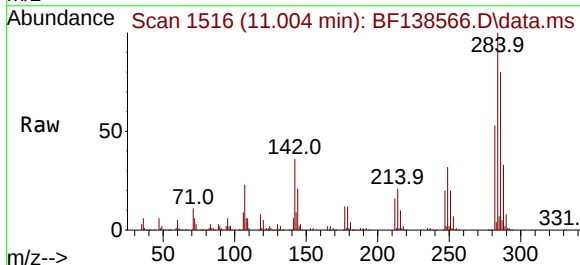


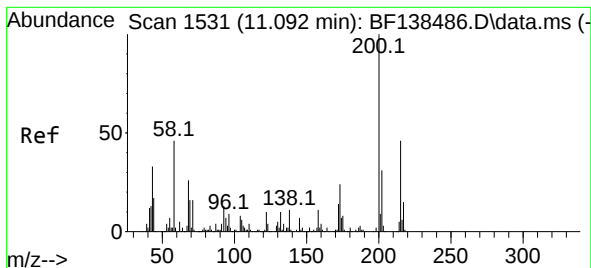
Tgt Ion:248 Resp: 272666
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 76.6 67.7 101.5



#68
Hexachlorobenzene
Concen: 41.303 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:284 Resp: 297300
Ion Ratio Lower Upper
284 100
142 35.9 30.5 45.7
249 31.9 25.9 38.9





#69

Atrazine

Concen: 36.698 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

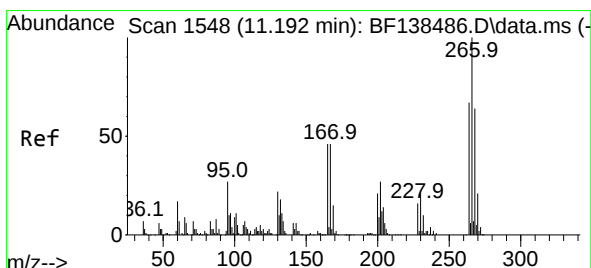
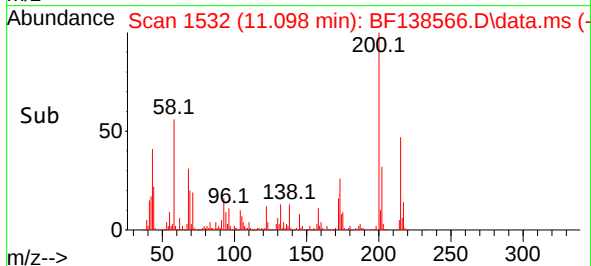
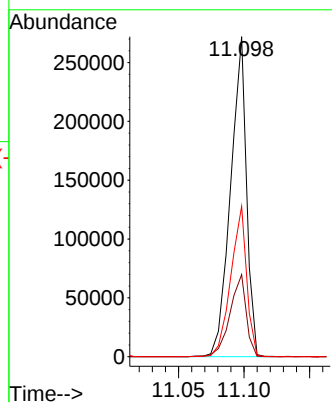
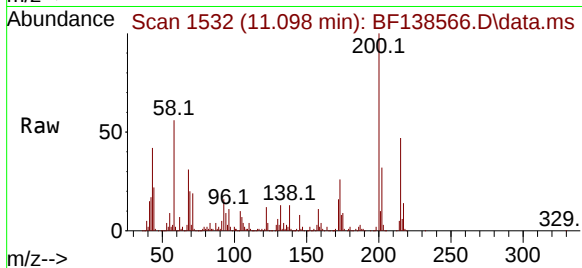
Tgt Ion:200 Resp: 229799

Ion Ratio Lower Upper

200 100

173 25.7 4.1 44.1

215 47.0 26.5 66.5



#70

Pentachlorophenol

Concen: 78.930 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

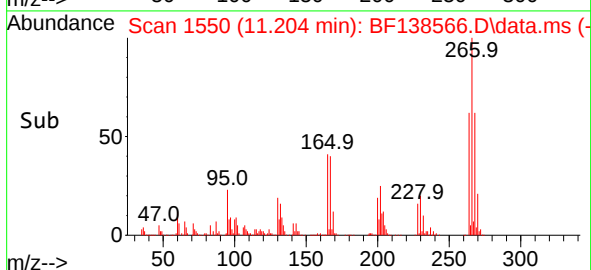
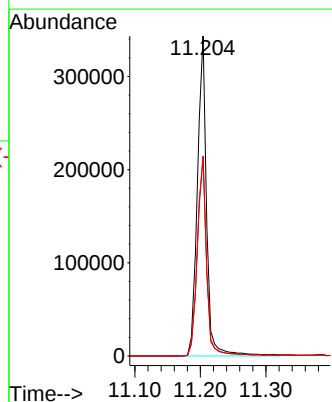
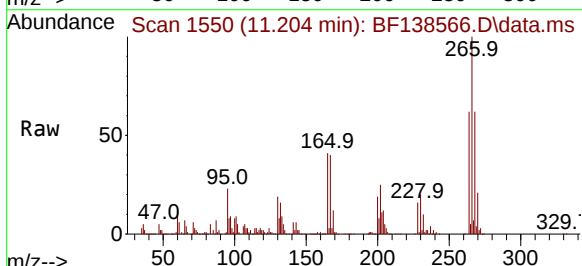
Tgt Ion:266 Resp: 336183

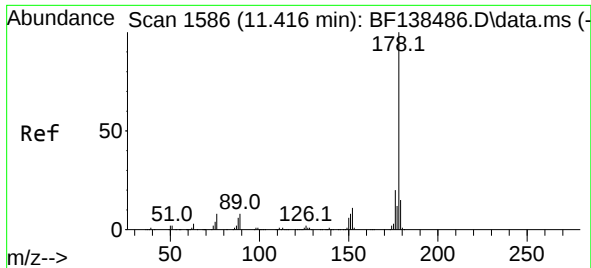
Ion Ratio Lower Upper

266 100

268 62.4 50.9 76.3

264 62.2 53.5 80.3

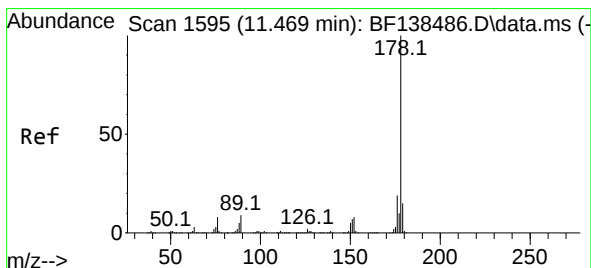
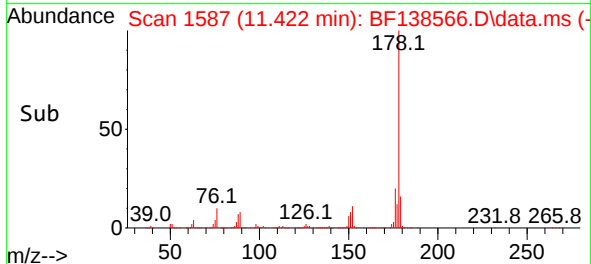
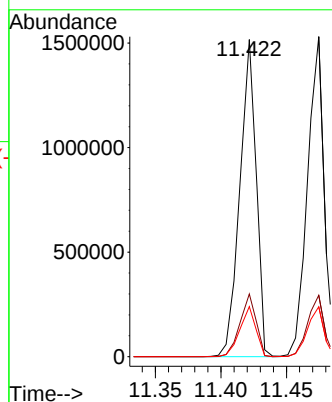
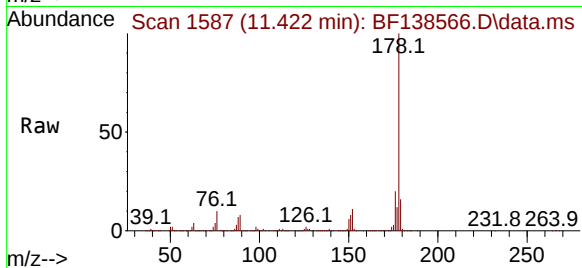




#71
Phenanthrene
Concen: 41.542 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

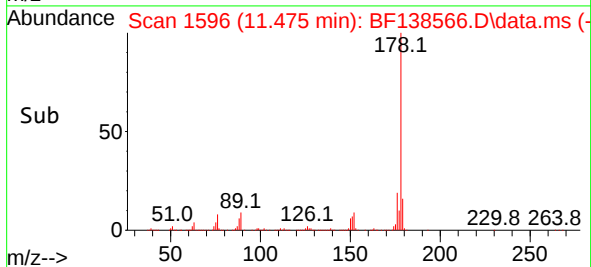
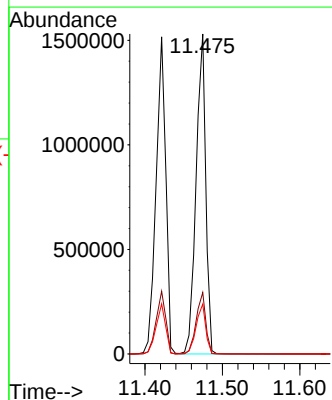
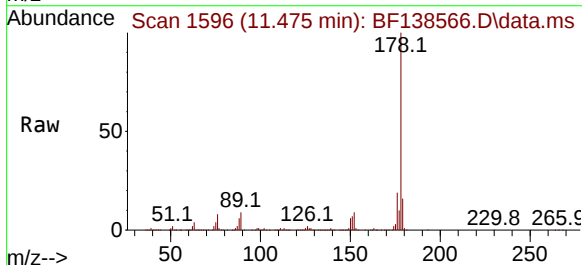
Instrument :
BNA_F
ClientSampleId :
PB162035BS

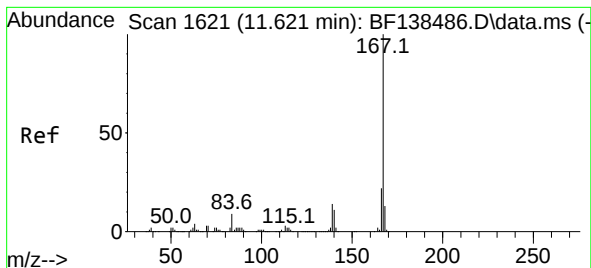
Tgt Ion:178 Resp: 1323028
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.8 12.2 18.2



#72
Anthracene
Concen: 41.947 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:178 Resp: 1326150
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 15.6 12.2 18.4





#73

Carbazole

Concen: 40.641 ng

RT: 11.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

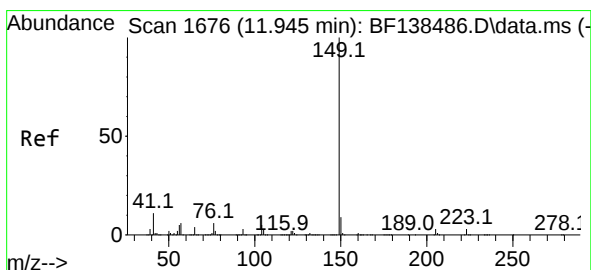
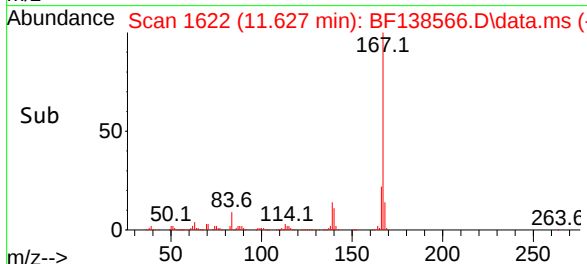
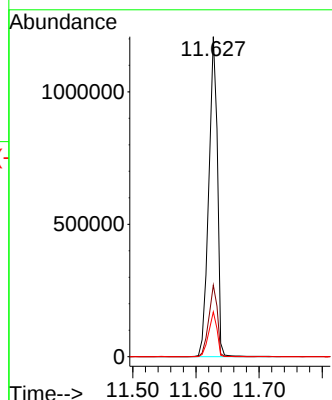
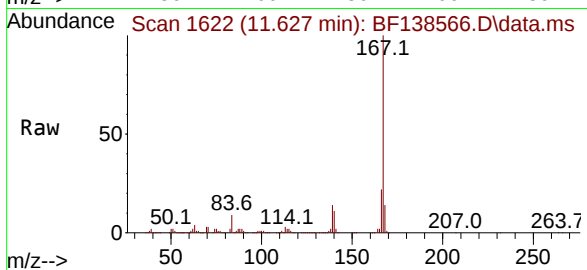
Tgt Ion:167 Resp: 1154654

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

139 14.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 44.355 ng

RT: 11.951 min Scan# 1677

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

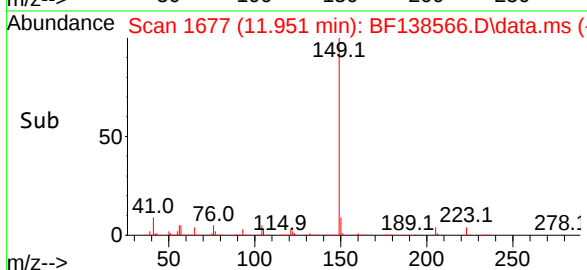
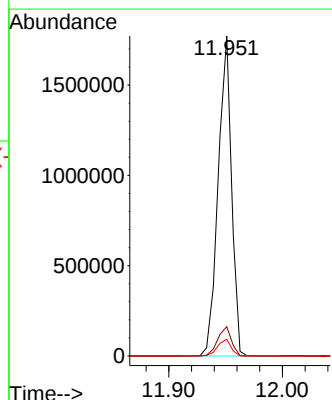
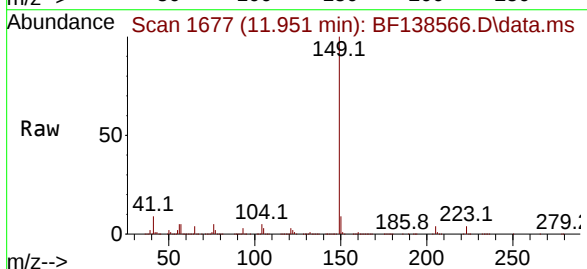
Tgt Ion:149 Resp: 1452565

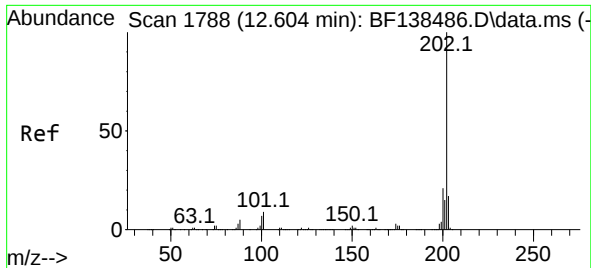
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 4.4 6.6

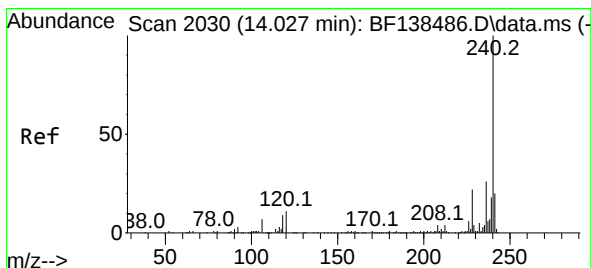
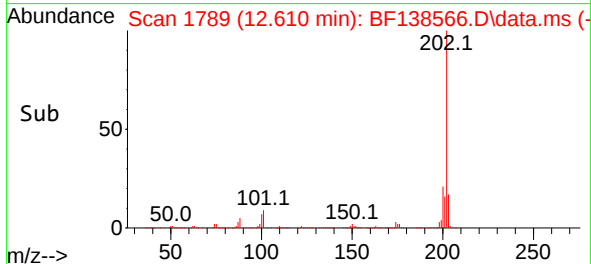
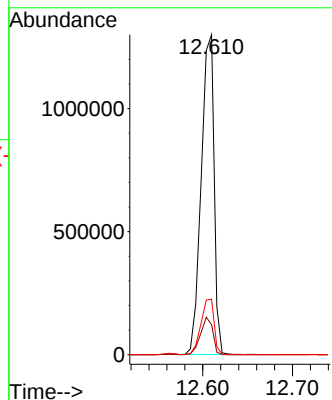
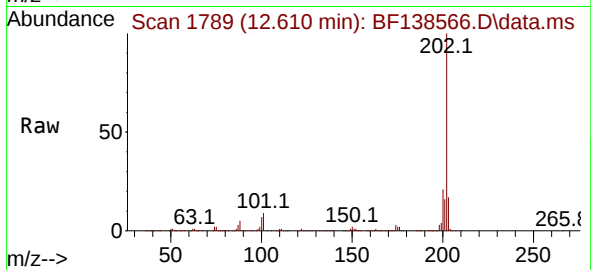




#75
Fluoranthene
Concen: 39.842 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

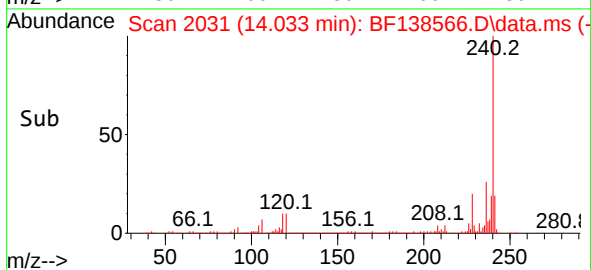
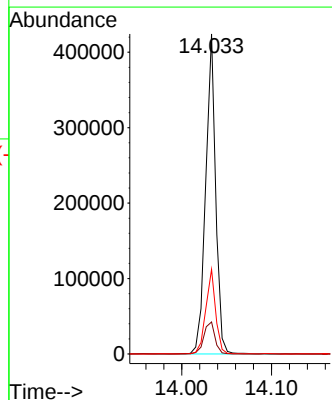
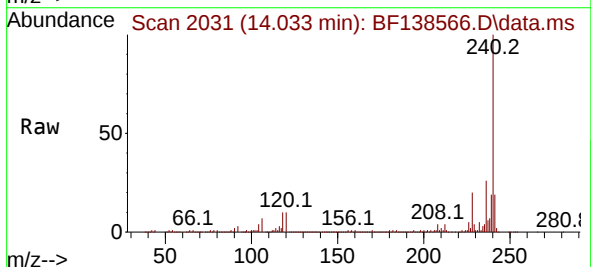
Instrument :
BNA_F
ClientSampleId :
PB162035BS

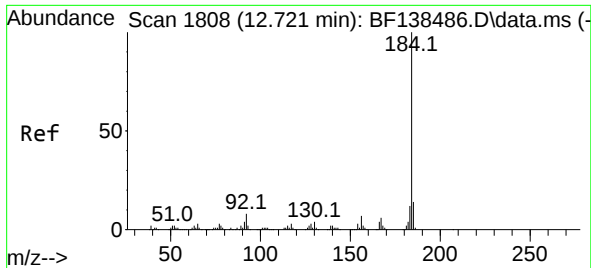
Tgt Ion:202 Resp: 1294762
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:240 Resp: 327841
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 26.4 21.0 31.6

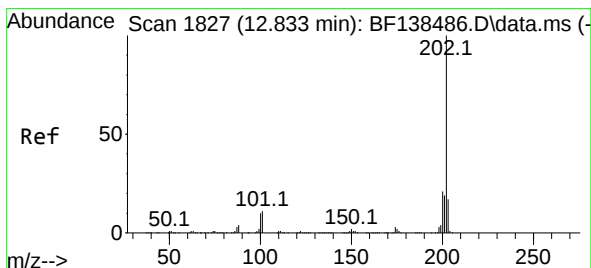
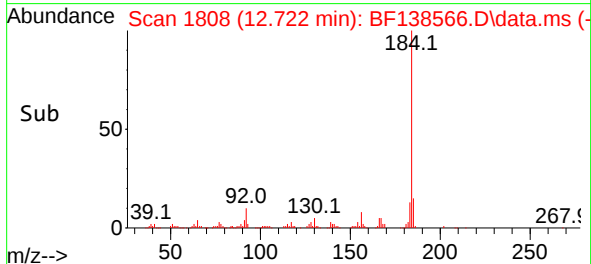
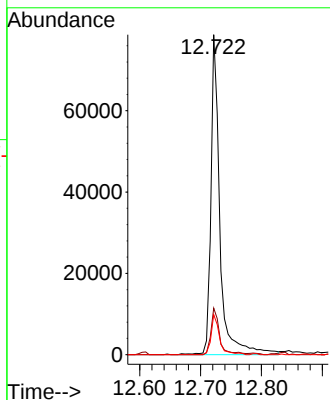
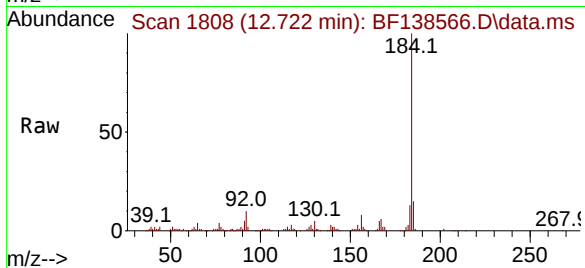




#77
Benzidine
Concen: 9.822 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.001 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

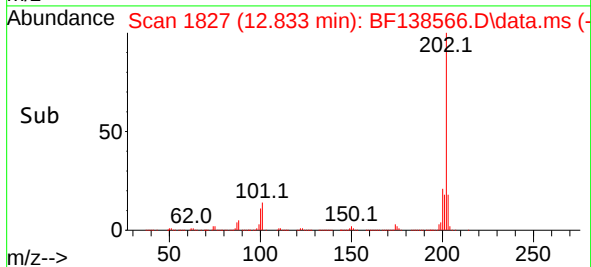
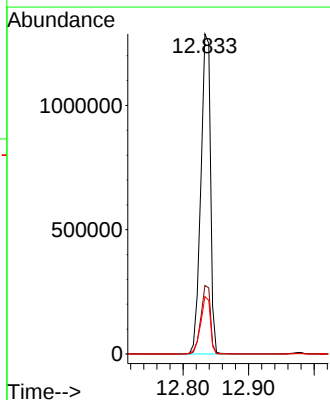
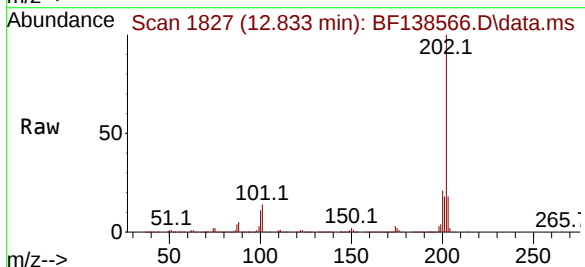
Instrument :
BNA_F
ClientSampleId :
PB162035BS

Tgt Ion:184 Resp: 81242
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.5 9.5 14.3



#78
Pyrene
Concen: 39.712 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:202 Resp: 1321627
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 18.0 13.7 20.5

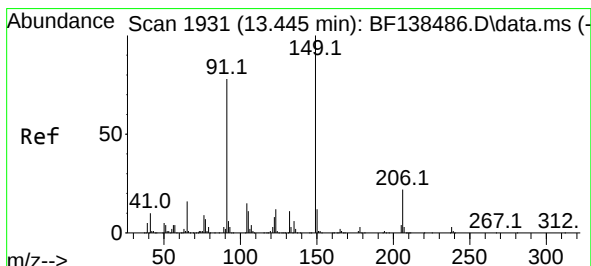
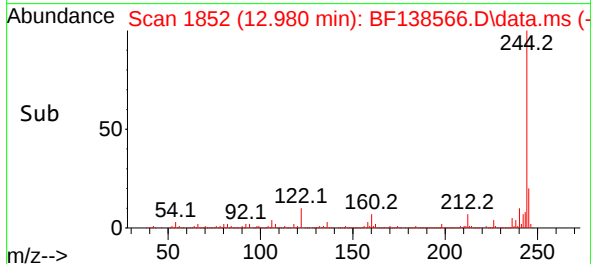
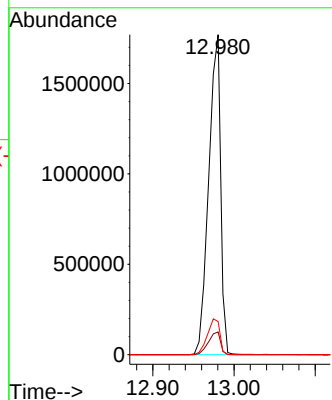
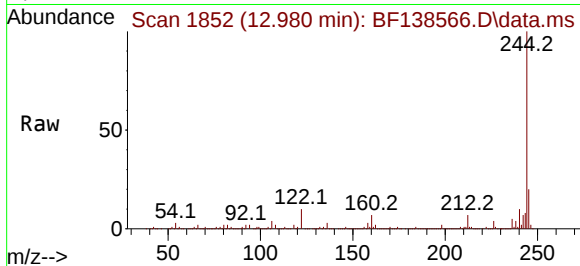




#79
 Terphenyl-d14
 Concen: 89.469 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF138566.D
 Acq: 15 Jul 2024 13:27

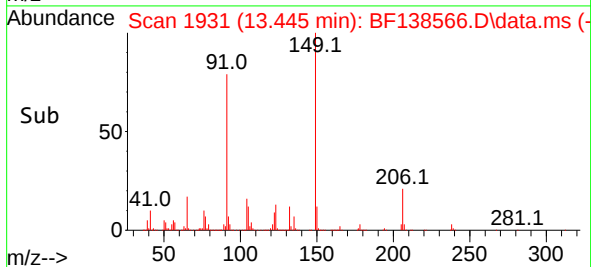
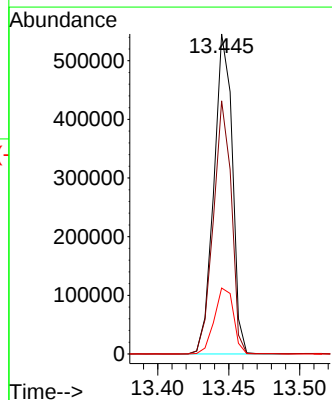
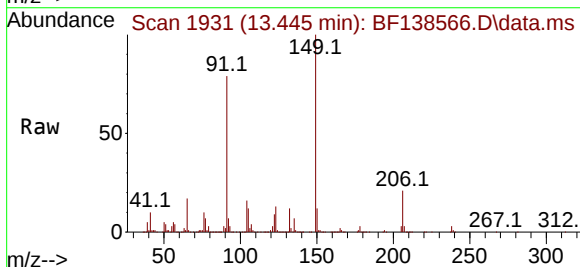
Instrument :
 BNA_F
 ClientSampleId :
 PB162035BS

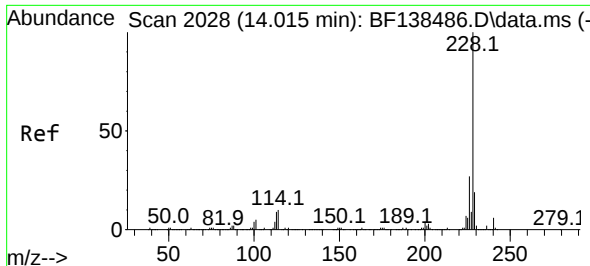
Tgt Ion:244 Resp: 1800469
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.4 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 49.108 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138566.D
 Acq: 15 Jul 2024 13:27

Tgt Ion:149 Resp: 491637
 Ion Ratio Lower Upper
 149 100
 91 79.1 62.1 93.1
 206 20.6 18.0 27.0

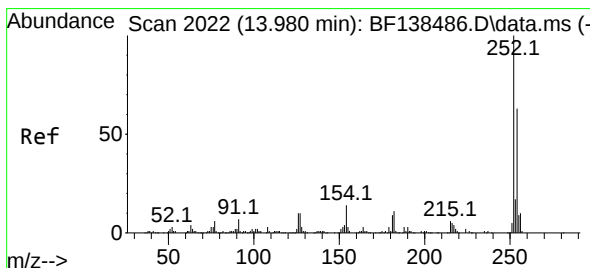
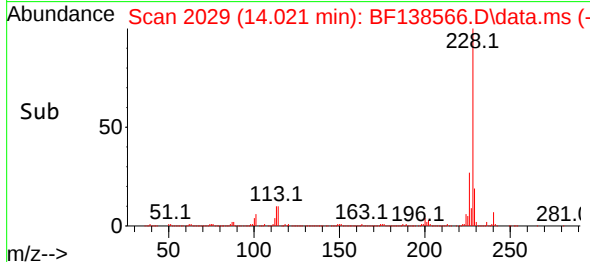
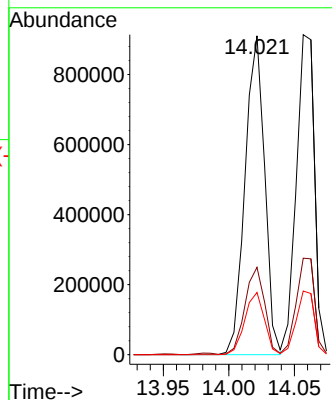
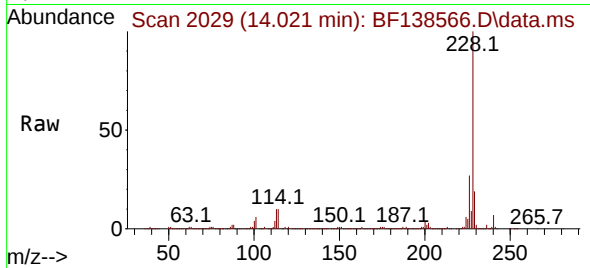




#81
Benzo(a)anthracene
Concen: 43.012 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

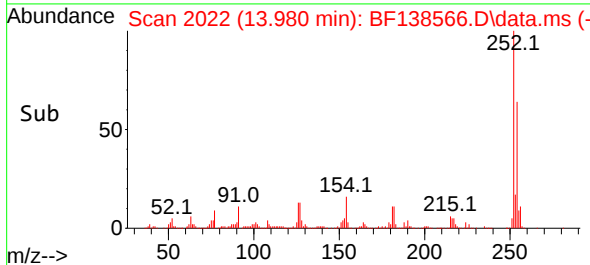
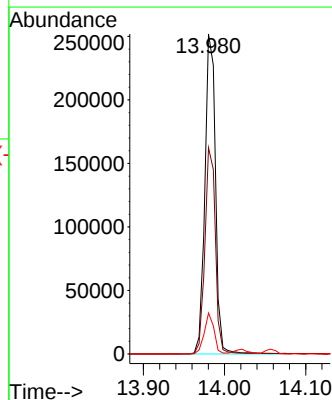
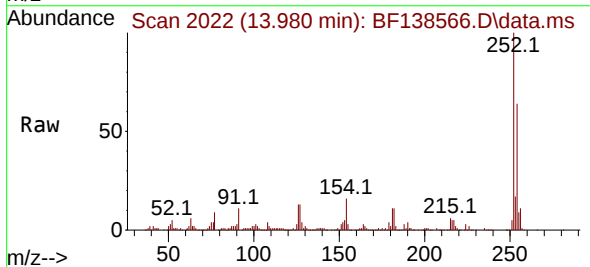
Instrument :
BNA_F
ClientSampleId :
PB162035BS

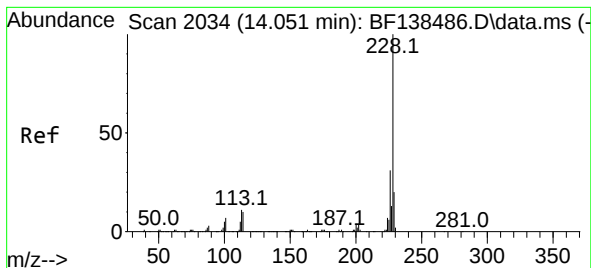
Tgt Ion:228 Resp: 946188
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 40.231 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:252 Resp: 228047
Ion Ratio Lower Upper
252 100
254 64.4 50.3 75.5
126 12.8 8.1 12.1#





#83

Chrysene

Concen: 42.575 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

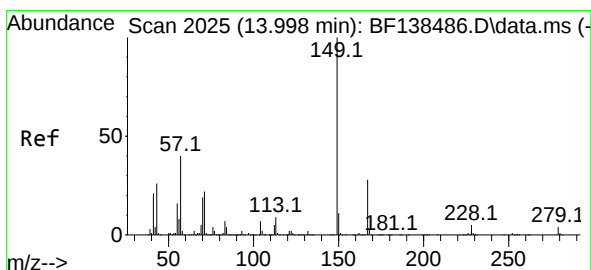
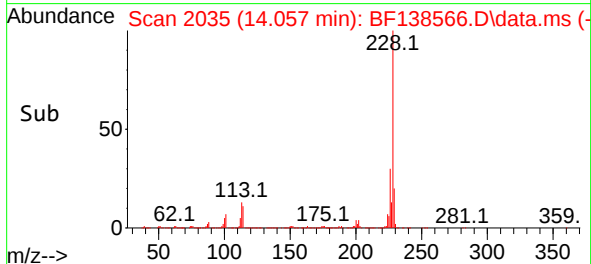
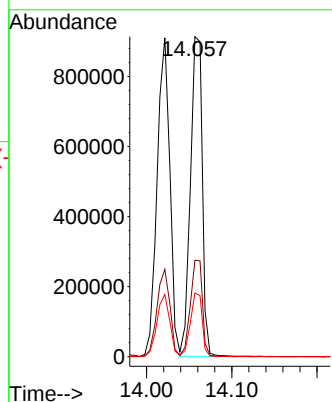
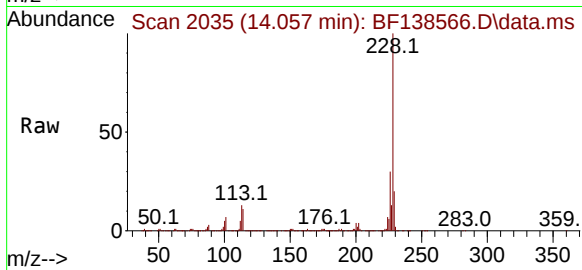
Tgt Ion:228 Resp: 885992

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.622 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

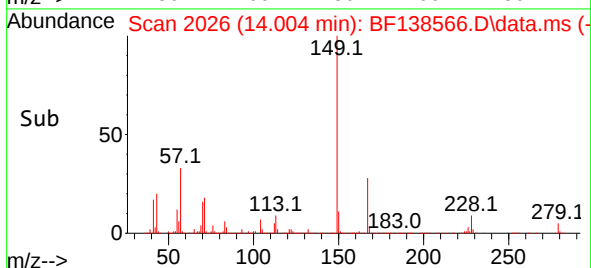
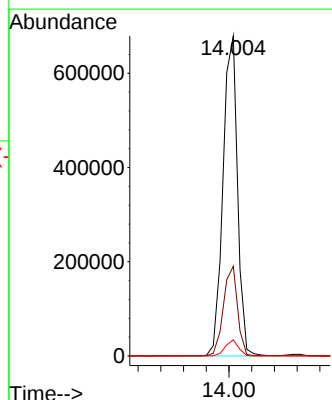
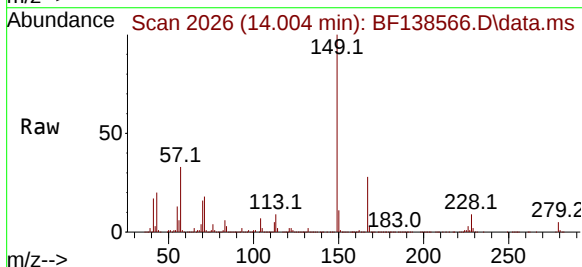
Tgt Ion:149 Resp: 604570

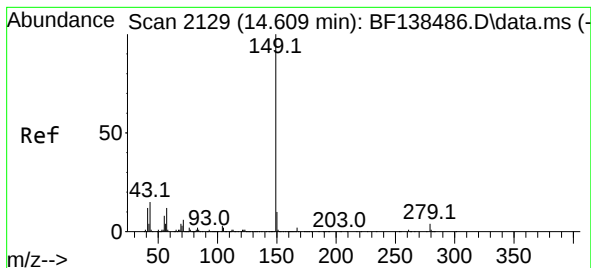
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 54.886 ng

RT: 14.616 min Scan# 21

Delta R.T. 0.007 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

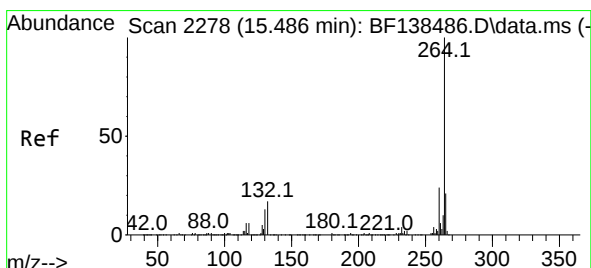
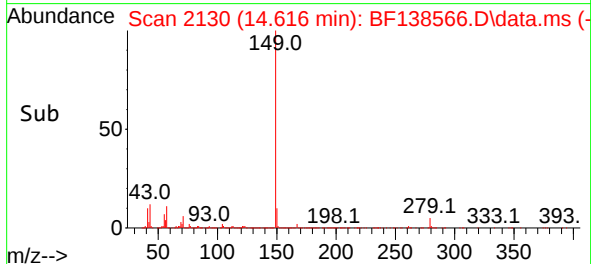
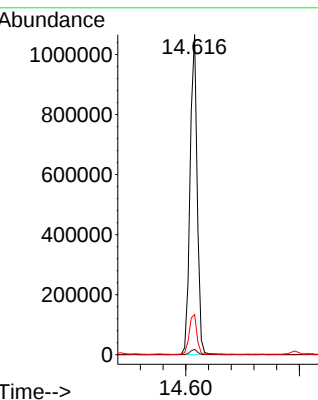
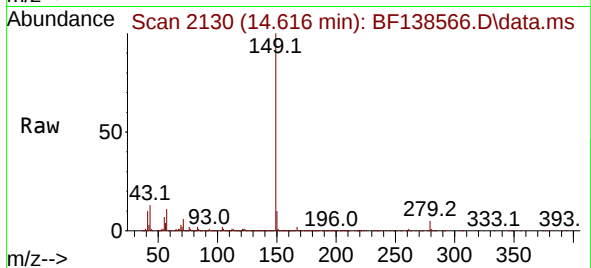
Tgt Ion:149 Resp: 925785

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.3 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

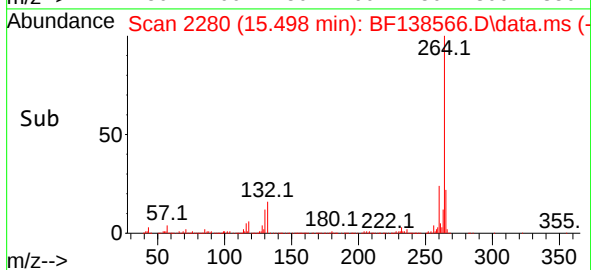
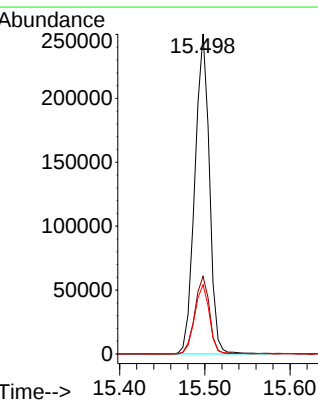
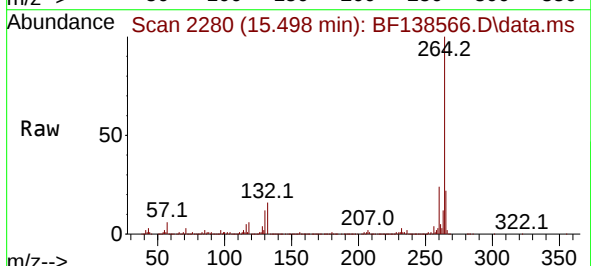
Tgt Ion:264 Resp: 297425

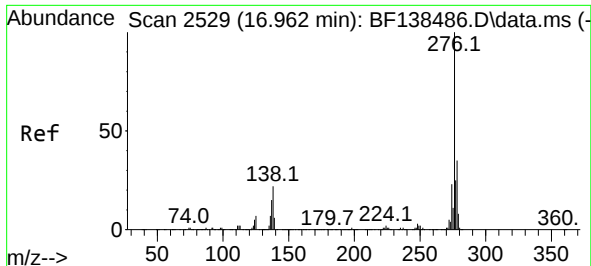
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 17.0 25.4

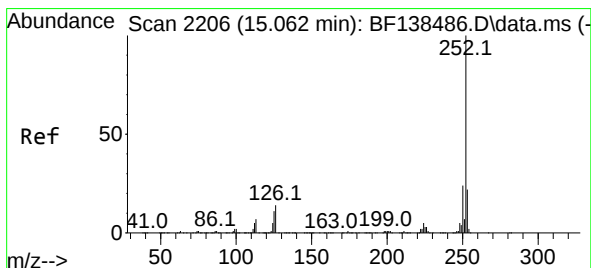
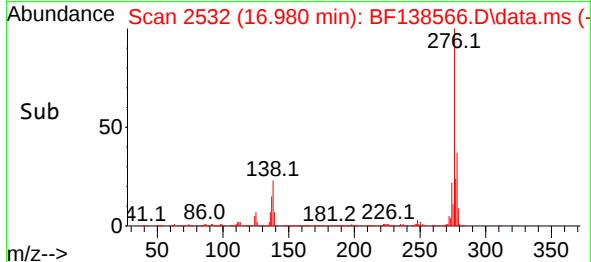
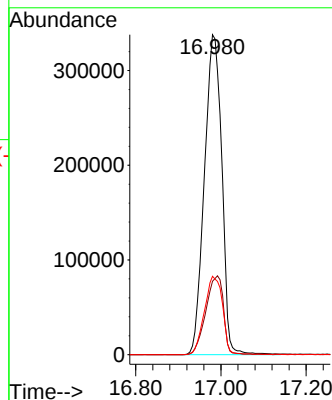
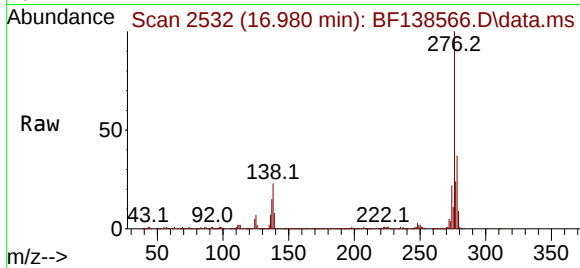




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.004 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

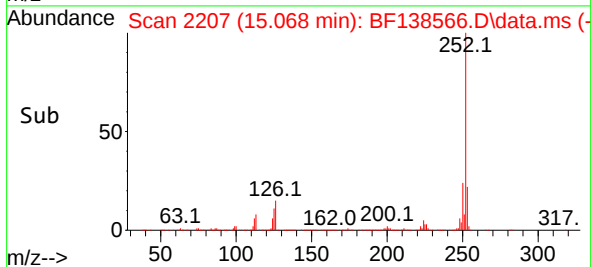
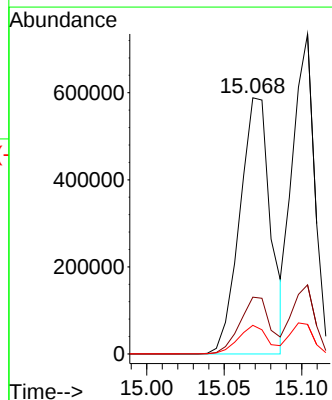
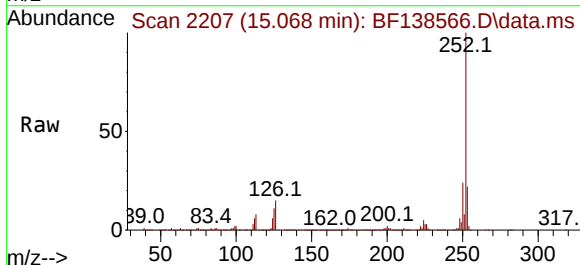
Instrument :
BNA_F
ClientSampleId :
PB162035BS

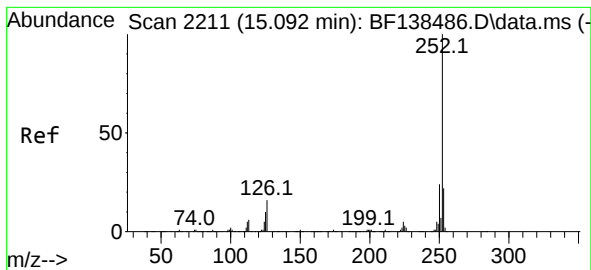
Tgt Ion:276 Resp: 959037
Ion Ratio Lower Upper
276 100
138 25.0 19.6 29.4
277 25.4 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 48.744 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:252 Resp: 816467
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 44.871 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB162035BS

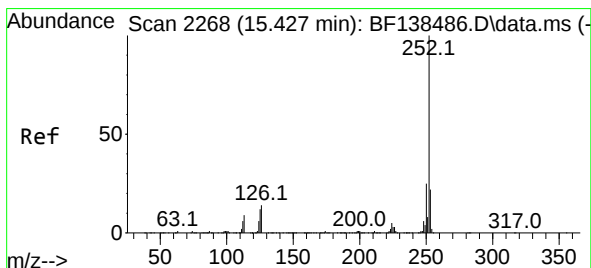
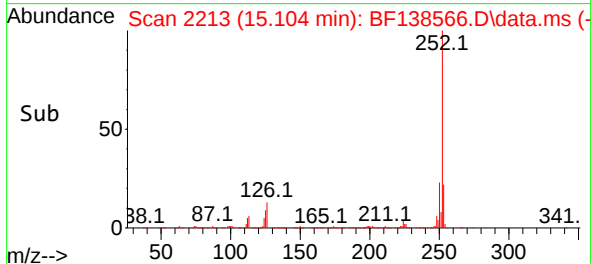
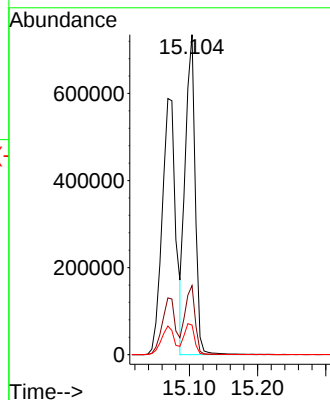
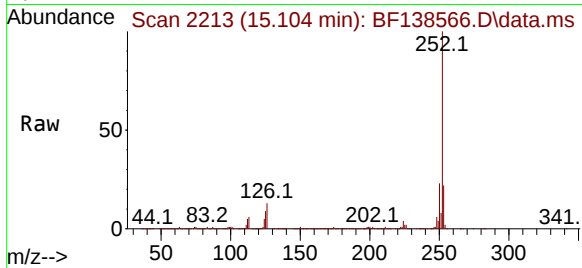
Tgt Ion:252 Resp: 733028

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 48.689 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF138566.D

Acq: 15 Jul 2024 13:27

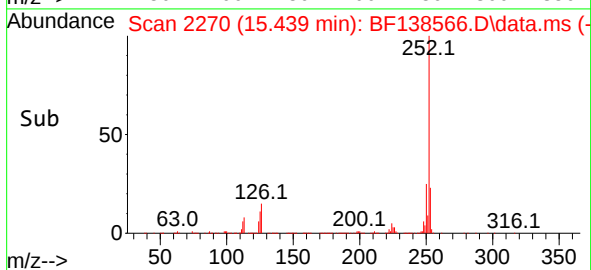
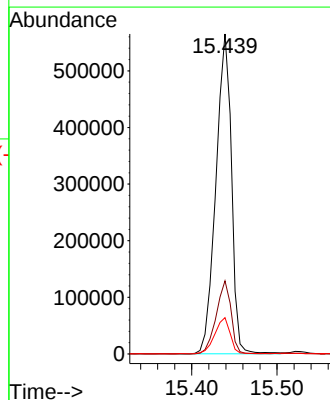
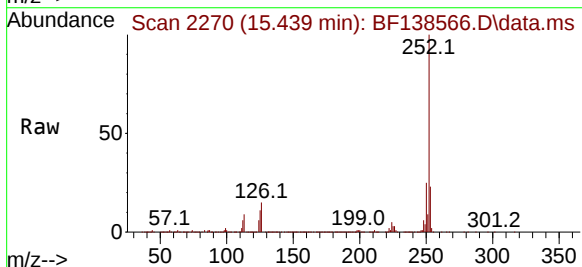
Tgt Ion:252 Resp: 716424

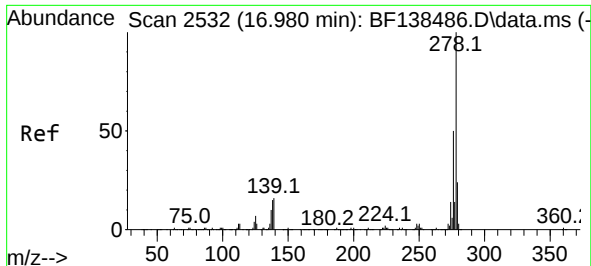
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 11.3 9.4 14.2

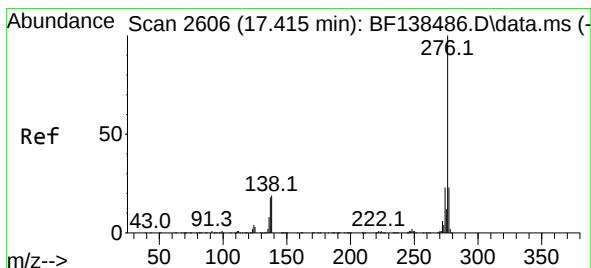
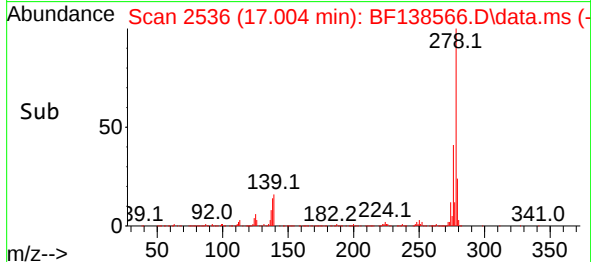
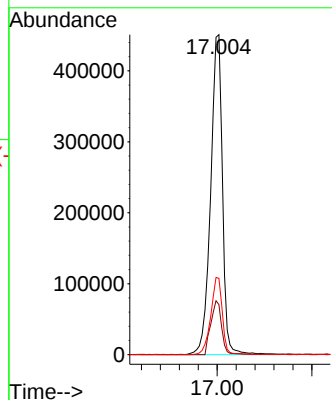
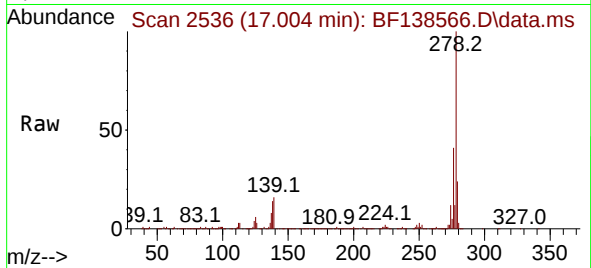




#91
Dibenzo(a,h)anthracene
Concen: 48.006 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB162035BS

Tgt Ion:278 Resp: 784527
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.251 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.018 min
Lab File: BF138566.D
Acq: 15 Jul 2024 13:27

Tgt Ion:276 Resp: 853483
Ion Ratio Lower Upper
276 100
277 23.6 18.0 27.0
138 22.5 15.5 23.3

