

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138367.D
 Acq On : 27 Jun 2024 15:36
 Operator : CG\JU
 Sample : P3076-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-S-1MSD

Quant Time: Jun 27 16:04:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	265029	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1043898	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	563171	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	850027	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	487670	20.000	ng	-0.01
86) Perylene-d12	15.509	264	516006	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1248506	78.804	ng	0.00
7) Phenol-d6	6.522	99	1559730	77.638	ng	0.00
23) Nitrobenzene-d5	7.445	82	990416	55.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	462507	82.495	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1768714	49.941	ng	-0.01
79) Terphenyl-d14	12.980	244	1334384	43.337	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	263736	36.376	ng	96
3) Pyridine	3.504	79	676863	39.280	ng	95
4) n-Nitrosodimethylamine	3.463	42	337578	42.329	ng	92
6) Aniline	6.545	93	558603	28.417	ng	99
8) 2-Chlorophenol	6.669	128	822707	48.031	ng	98
9) Benzaldehyde	6.428	77	150157	14.073	ng	99
10) Phenol	6.534	94	921175	45.183	ng	90
11) bis(2-Chloroethyl)ether	6.616	93	744723	45.640	ng	100
12) 1,3-Dichlorobenzene	6.822	146	845650	43.442	ng	100
13) 1,4-Dichlorobenzene	6.898	146	848395	43.308	ng	99
14) 1,2-Dichlorobenzene	7.051	146	814837	44.309	ng	99
15) Benzyl Alcohol	7.028	79	665523	49.131	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	889073	38.607	ng	81
17) 2-Methylphenol	7.139	107	612372	45.314	ng	96
18) Hexachloroethane	7.392	117	309737	46.671	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	513128	43.090	ng	99
20) 3+4-Methylphenols	7.292	107	723886	42.557	ng	91
22) Acetophenone	7.292	105	927790	38.906	ng	# 92
24) Nitrobenzene	7.469	77	803702	43.366	ng	91
25) Isophorone	7.704	82	1455883	44.887	ng	99
26) 2-Nitrophenol	7.781	139	458630	61.542	ng	98
27) 2,4-Dimethylphenol	7.822	122	556806	49.111	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	922640	45.443	ng	99
29) 2,4-Dichlorophenol	8.028	162	676224	46.327	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	755566	43.892	ng	98
31) Naphthalene	8.186	128	2208737	42.790	ng	99
32) Benzoic acid	7.957	122	442367	44.269	ng	99
33) 4-Chloroaniline	8.228	127	211391	10.957	ng	98
34) Hexachlorobutadiene	8.298	225	447395	44.438	ng	98
35) Caprolactam	8.616	113	149025	33.817	ng	94
36) 4-Chloro-3-methylphenol	8.722	107	692324	47.636	ng	96
37) 2-Methylnaphthalene	8.875	142	1469000	43.363	ng	99
38) 1-Methylnaphthalene	8.975	142	1368581	41.225	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	690421	41.953	ng	99
41) Hexachlorocyclopentadiene	9.028	237	648314	120.817	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	502563	48.771	ng	100

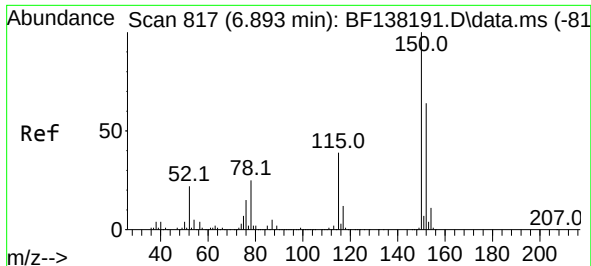
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	515831	45.584	ng	96
46) 1,1'-Biphenyl	9.339	154	1696173	41.045	ng	98
47) 2-Chloronaphthalene	9.363	162	1419391	43.461	ng	99
48) 2-Nitroaniline	9.463	65	397041	50.481	ng	92
49) Acenaphthylene	9.780	152	2136311	46.648	ng	99
50) Dimethylphthalate	9.645	163	1701103	49.299	ng	100
51) 2,6-Dinitrotoluene	9.704	165	392276	52.403	ng	93
52) Acenaphthene	9.951	154	1290778	41.333	ng	99
53) 3-Nitroaniline	9.875	138	223050	27.892	ng	87
54) 2,4-Dinitrophenol	9.980	184	334572	85.635	ng	93
55) Dibenzofuran	10.128	168	1919173	43.962	ng	98
56) 4-Nitrophenol	10.045	139	488261	77.261	ng	92
57) 2,4-Dinitrotoluene	10.110	165	492006	53.288	ng	98
58) Fluorene	10.469	166	1418648	41.331	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	408970	46.244	ng	99
60) Diethylphthalate	10.339	149	1594268	48.681	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	747531	43.729	ng	98
62) 4-Nitroaniline	10.492	138	332568	41.623	ng	96
63) Azobenzene	10.616	77	1394147	42.492	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	247946	55.908	ng	80
66) n-Nitrosodiphenylamine	10.580	169	1287961	49.492	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	482765	50.402	ng	# 90
68) Hexachlorobenzene	11.010	284	526400	47.093	ng	99
69) Atrazine	11.104	200	382100	51.549	ng	98
70) Pentachlorophenol	11.210	266	489341	75.063	ng	97
71) Phenanthrene	11.427	178	1895585	45.093	ng	99
72) Anthracene	11.480	178	1868743	44.775	ng	100
73) Carbazole	11.633	167	1501438	39.222	ng	99
74) Di-n-butylphthalate	11.963	149	1983056	50.040	ng	99
75) Fluoranthene	12.616	202	1656559	38.645	ng	98
77) Benzidine	12.733	184	520332	92.245	ng	98
78) Pyrene	12.845	202	1653155	39.301	ng	99
80) Butylbenzylphthalate	13.457	149	646816	56.531	ng	96
81) Benzo(a)anthracene	14.027	228	1510032	48.265	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	330671	38.380	ng	100
83) Chrysene	14.068	228	1444435	48.436	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	871806	65.512	ng	100
85) Di-n-octyl phthalate	14.627	149	1609853	81.430	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	1231483	36.609	ng	99
88) Benzo(b)fluoranthene	15.080	252	1547486	50.855	ng	99
89) Benzo(k)fluoranthene	15.110	252	1493654	50.086	ng	99
90) Benzo(a)pyrene	15.451	252	1344956	51.448	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	997659	36.133	ng	98
92) Benzo(g,h,i)perylene	17.433	276	915662	32.057	ng	98

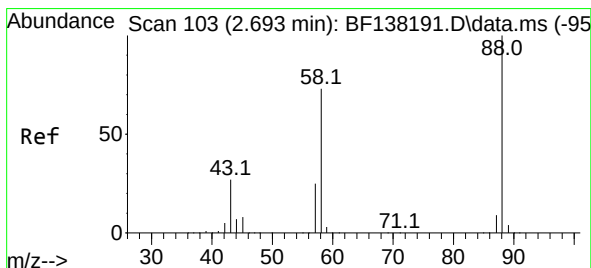
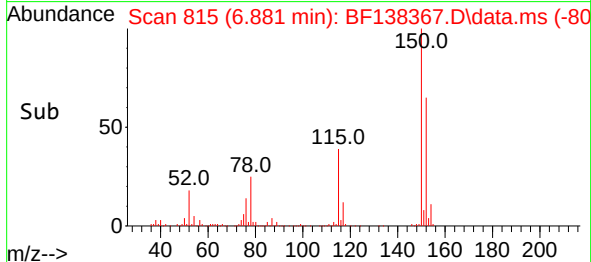
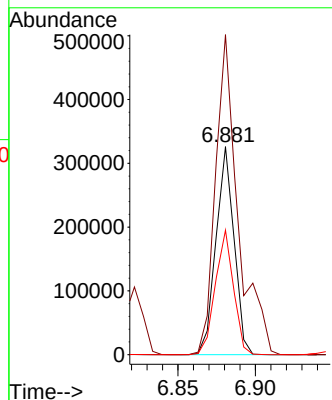
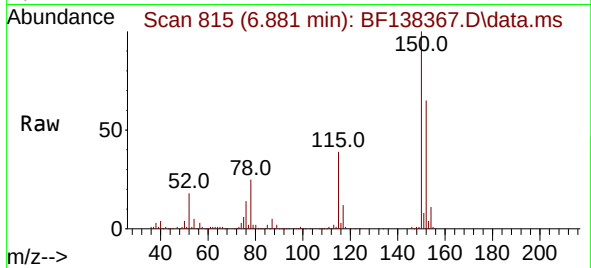
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138367.D
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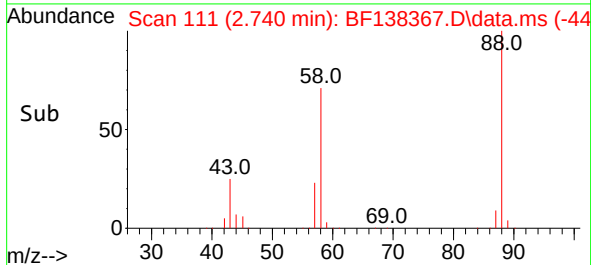
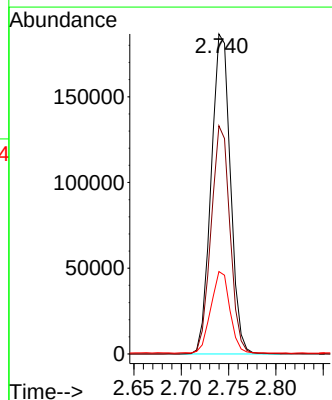
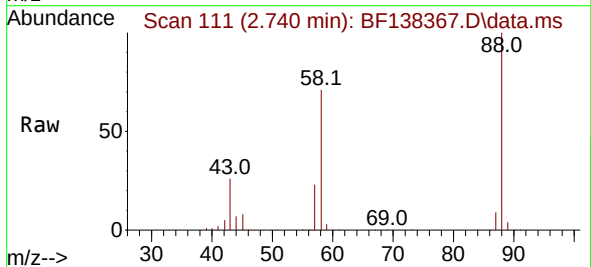
Instrument :
 BNA_F
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 7-S-1MSD

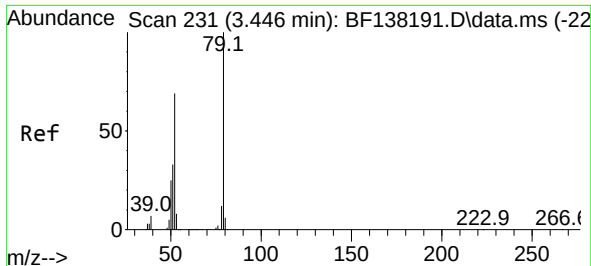
Tgt Ion:152 Resp: 265029
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.0 187.4
 115 59.9 48.4 72.6



#2
 1,4-Dioxane
 Concen: 36.376 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.047 min
 Lab File: BF138367.D
 Acq: 27 Jun 2024 15:36

Tgt Ion: 88 Resp: 263736
 Ion Ratio Lower Upper
 88 100
 58 70.2 58.6 87.8
 43 25.7 22.4 33.6

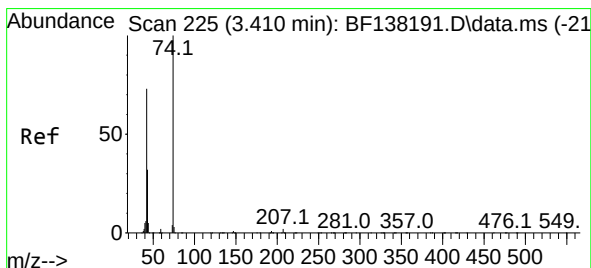
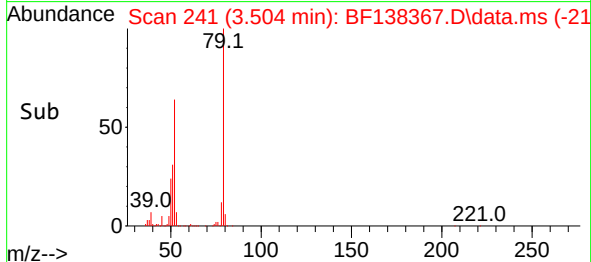
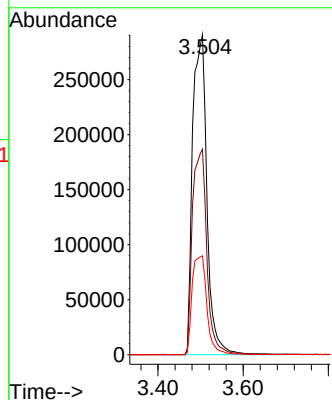
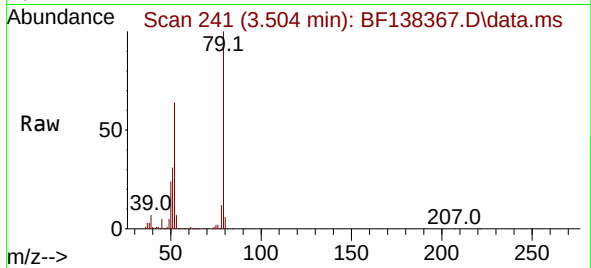




#3
 Pyridine
 Concen: 39.280 ng
 RT: 3.504 min Scan# 241
 Delta R.T. 0.059 min
 Lab File: BF138367.D
 Acq: 27 Jun 2024 15:36

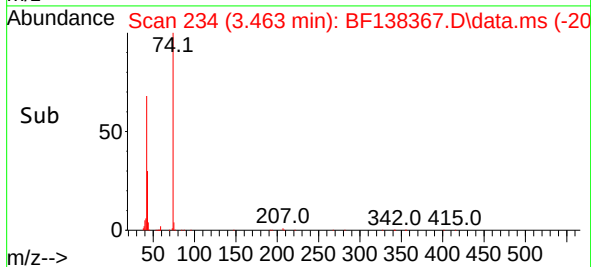
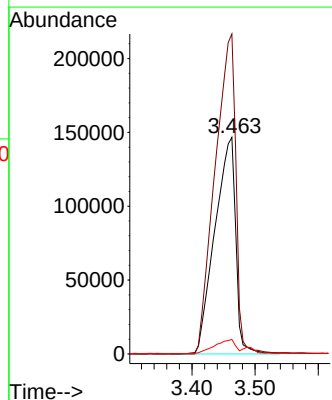
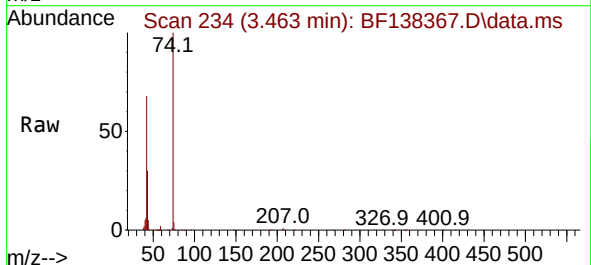
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 7-S-1MSD

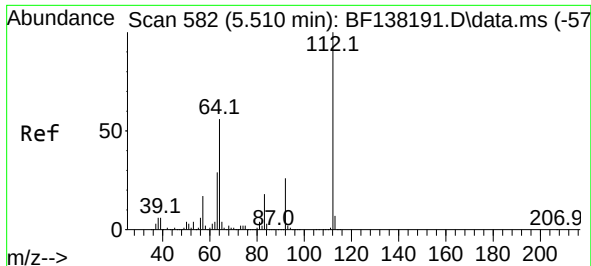
Tgt Ion: 79 Resp: 676863
 Ion Ratio Lower Upper
 79 100
 52 64.2 55.0 82.4
 51 30.9 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 42.329 ng
 RT: 3.463 min Scan# 234
 Delta R.T. 0.053 min
 Lab File: BF138367.D
 Acq: 27 Jun 2024 15:36

Tgt Ion: 42 Resp: 337578
 Ion Ratio Lower Upper
 42 100
 74 147.8 109.9 164.9
 44 6.7 5.2 7.8

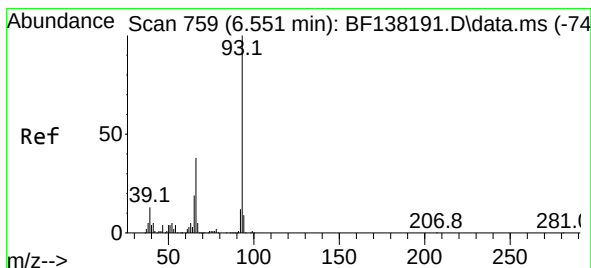
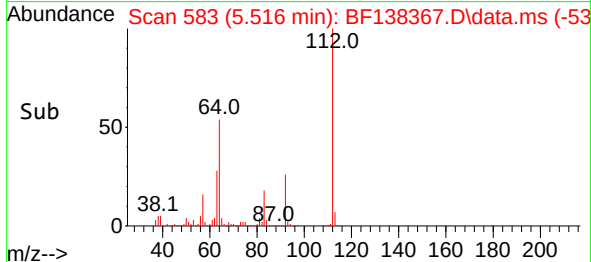
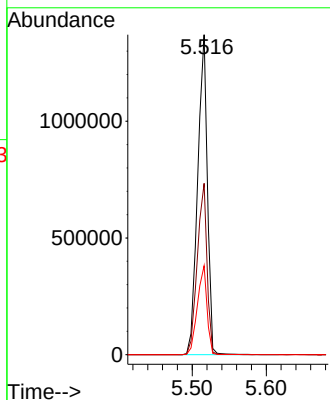
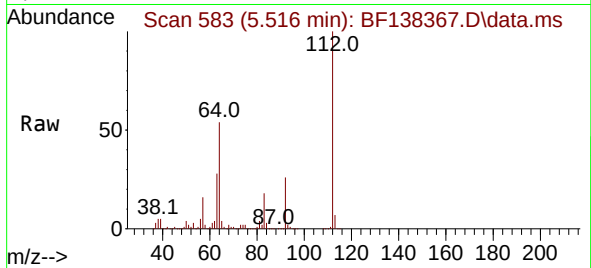




#5
2-Fluorophenol
Concen: 78.804 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

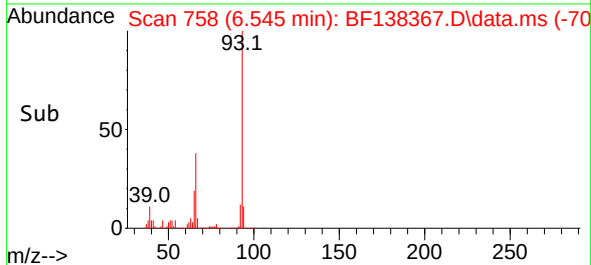
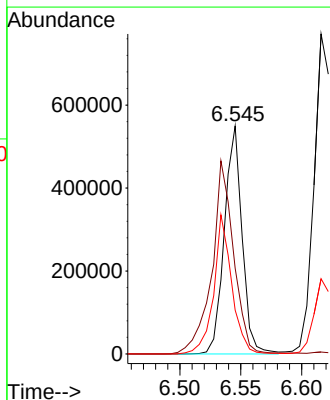
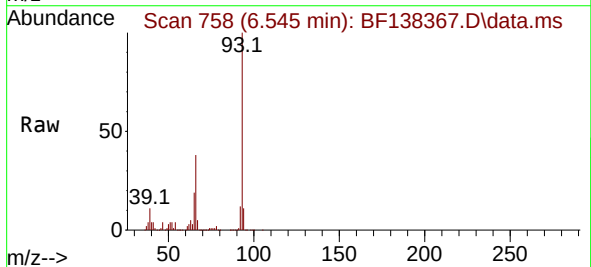
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7-S-1MSD

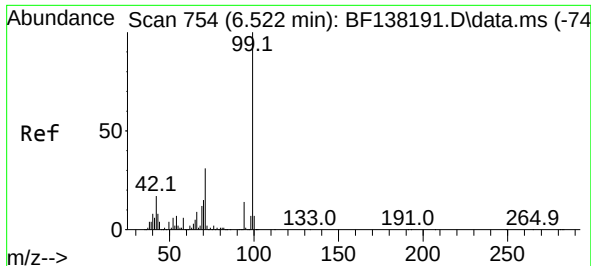
Tgt Ion:112 Resp: 1248506
Ion Ratio Lower Upper
112 100
64 53.6 45.2 67.8
63 27.8 22.9 34.3



#6
Aniline
Concen: 28.417 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion: 93 Resp: 558603
Ion Ratio Lower Upper
93 100
66 37.6 30.8 46.2
65 19.2 15.5 23.3





#7

Phenol-d6

Concen: 77.638 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

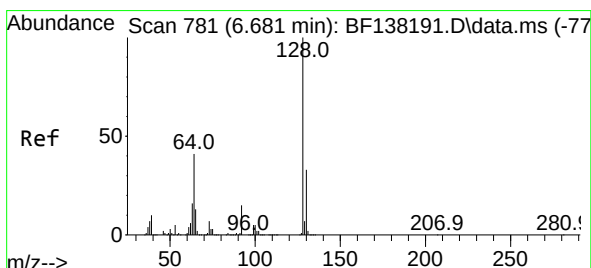
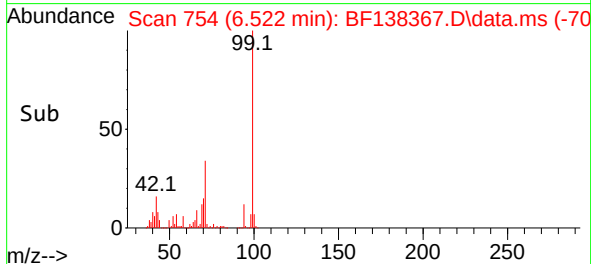
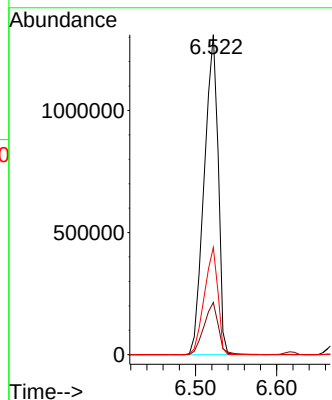
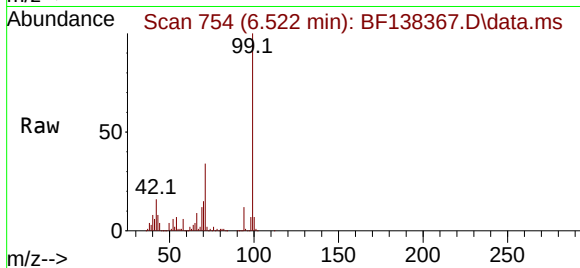
BNA_F

ClientSampleId :

7-S-1MSD

Tgt Ion: 99 Resp: 1559730

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	33.5	25.0	37.6



#8

2-Chlorophenol

Concen: 48.031 ng

RT: 6.669 min Scan# 779

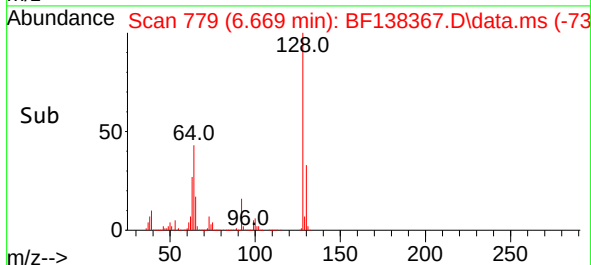
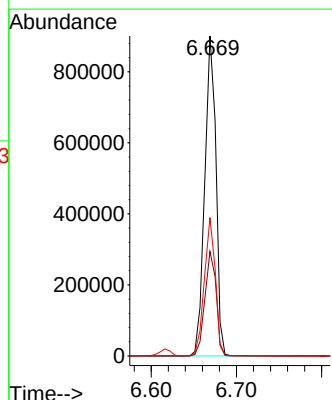
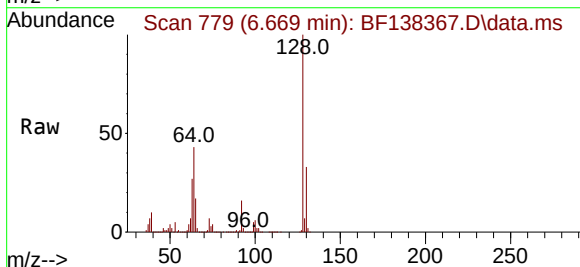
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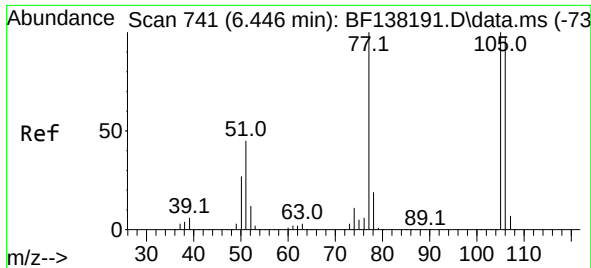
Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Tgt Ion: 128 Resp: 822707

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	43.2	21.8	61.8

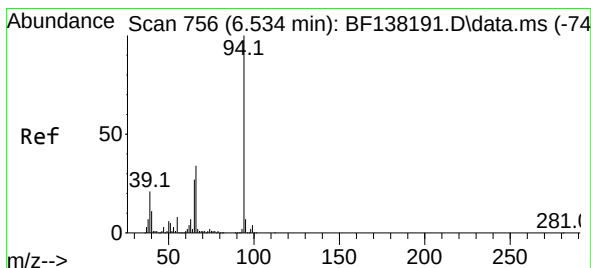
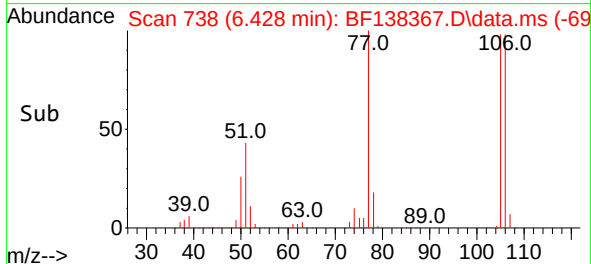
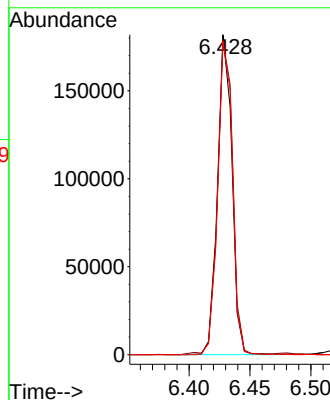
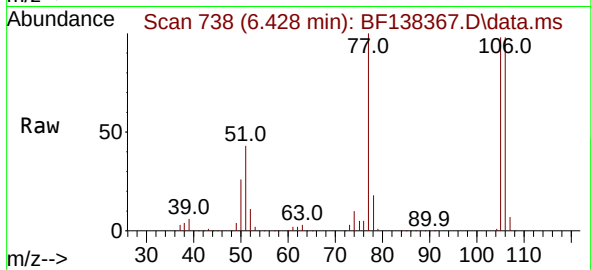




#9
Benzaldehyde
Concen: 14.073 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

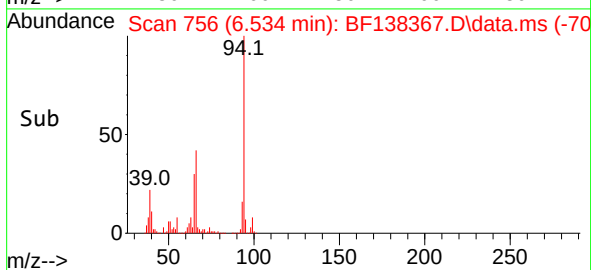
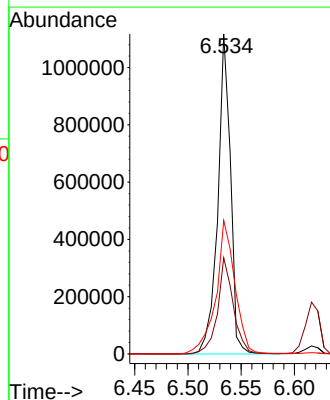
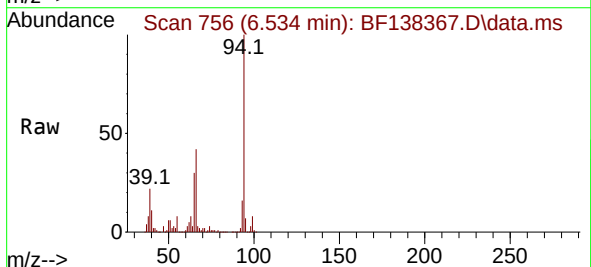
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

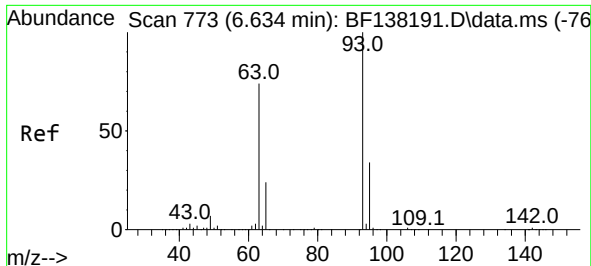
Tgt Ion: 77 Resp: 150157
Ion Ratio Lower Upper
77 100
105 98.2 80.1 120.1
106 97.9 77.8 117.8



#10
Phenol
Concen: 45.183 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion: 94 Resp: 921175
Ion Ratio Lower Upper
94 100
65 30.1 6.8 46.8
66 41.7 14.2 54.2

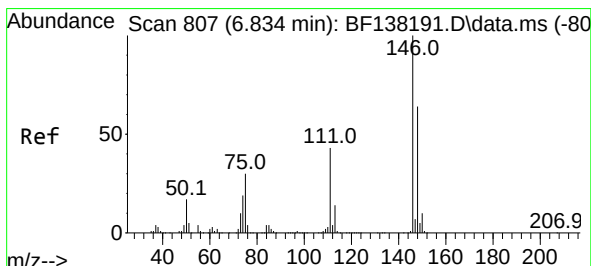
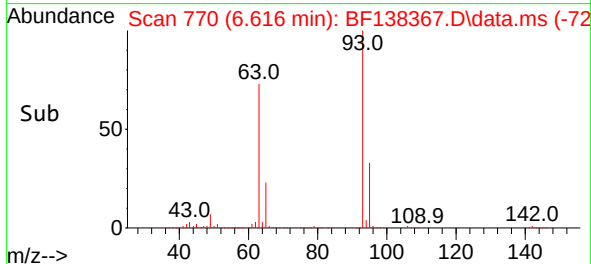
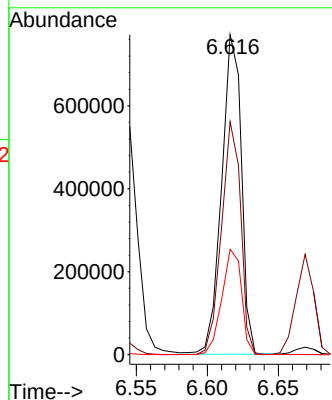
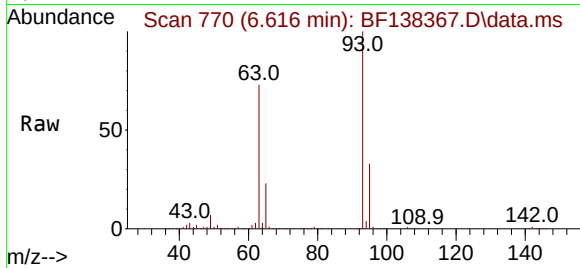




#11
bis(2-Chloroethyl)ether
Concen: 45.640 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

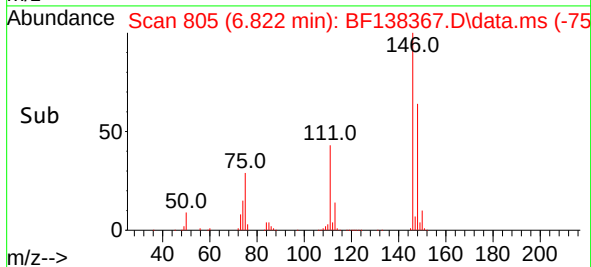
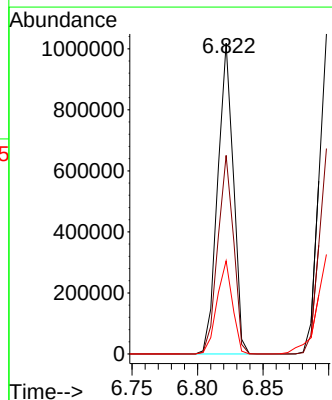
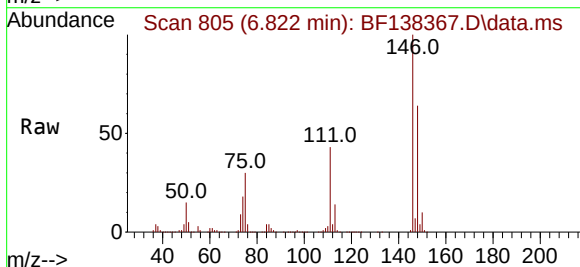
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

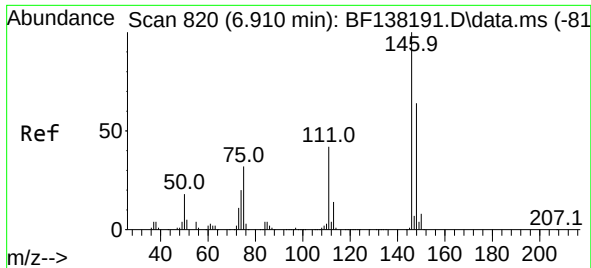
Tgt Ion: 93 Resp: 744723
Ion Ratio Lower Upper
93 100
63 72.8 52.5 92.5
95 32.9 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.442 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:146 Resp: 845650
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 30.0 24.3 36.5

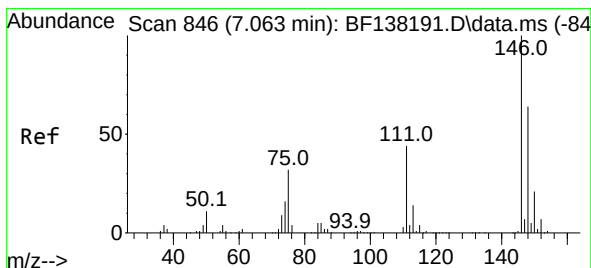
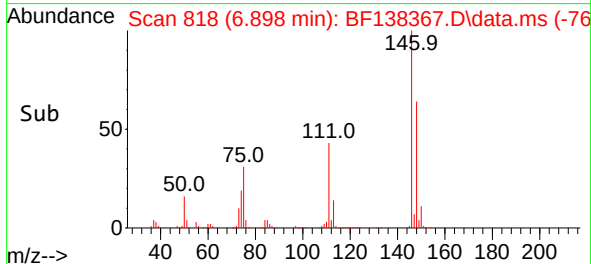
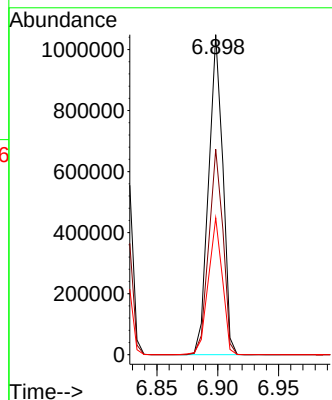
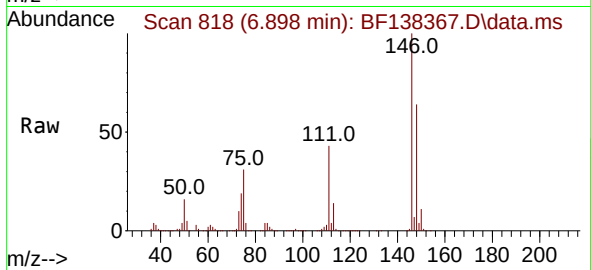




#13
1,4-Dichlorobenzene
Concen: 43.308 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

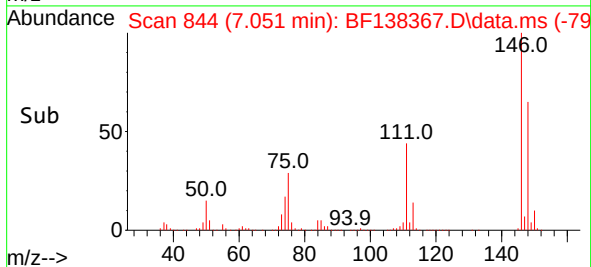
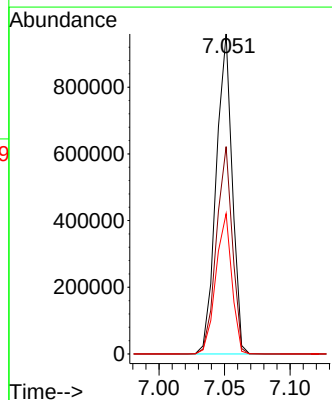
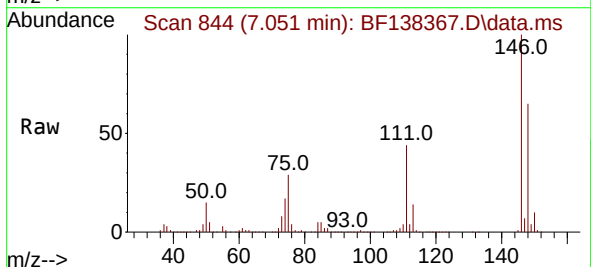
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

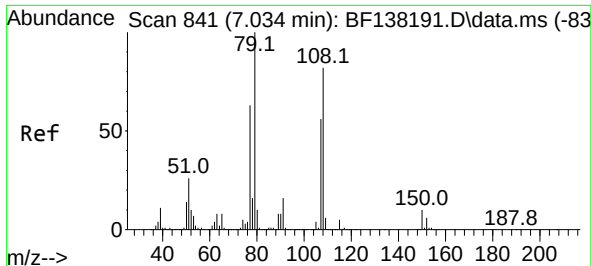
Tgt Ion:146 Resp: 848395
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 42.7 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 44.309 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:146 Resp: 814837
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
111 43.8 35.4 53.2

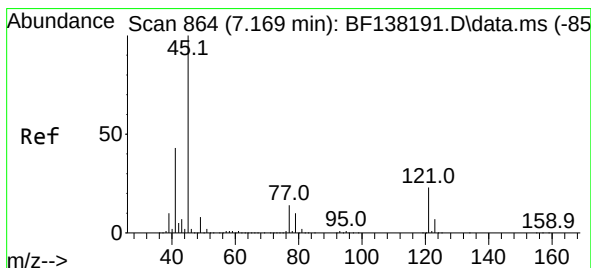
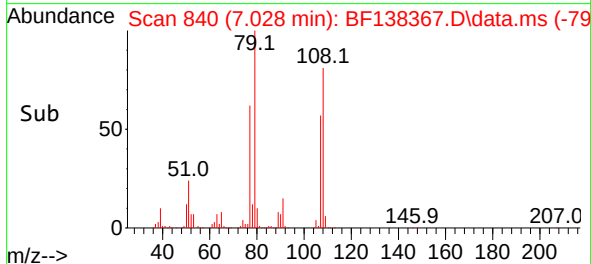
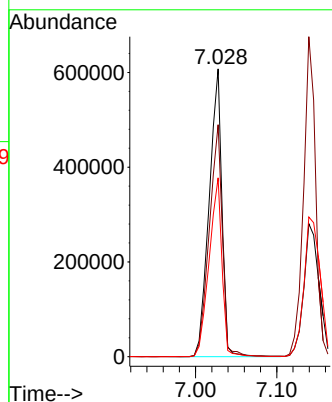
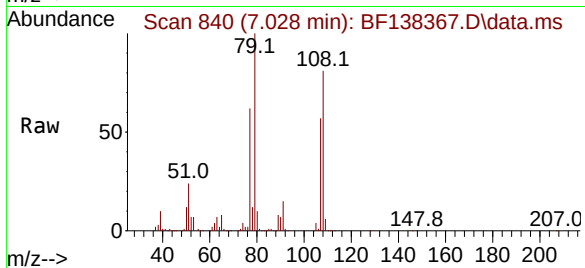




#15
Benzyl Alcohol
Concen: 49.131 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

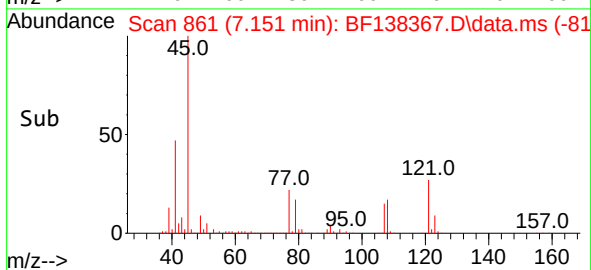
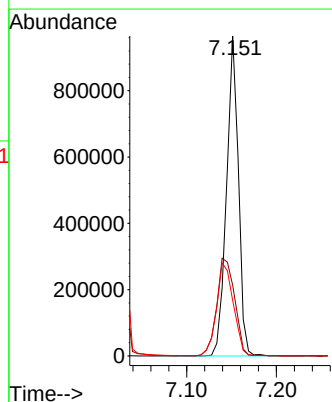
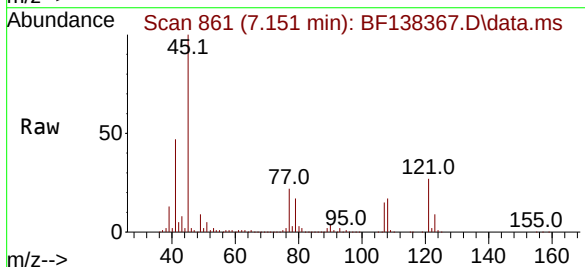
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

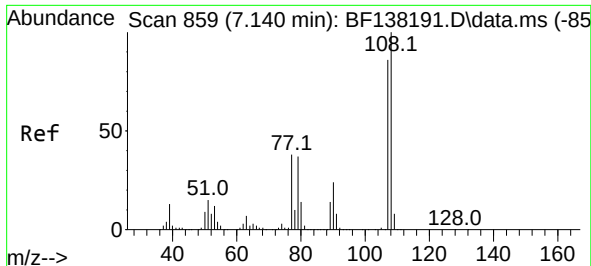
Tgt Ion: 79 Resp: 665523
Ion Ratio Lower Upper
79 100
108 80.6 65.9 98.9
77 62.2 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.607 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.018 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion: 45 Resp: 889073
Ion Ratio Lower Upper
45 100
77 22.1 0.0 33.9
79 17.4 0.0 30.7



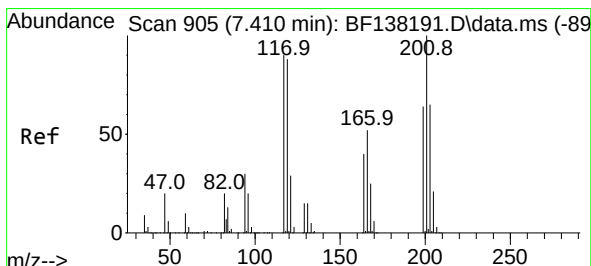
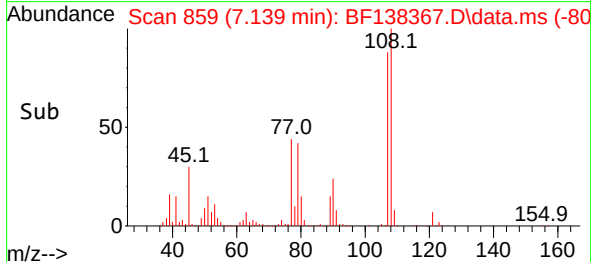
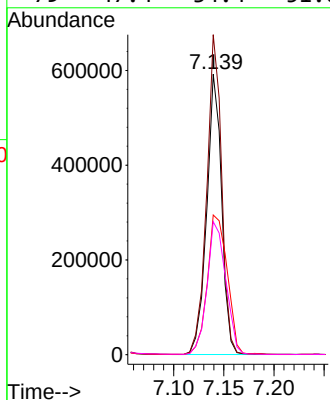
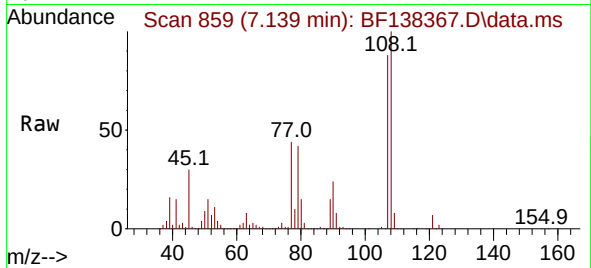


#17
2-Methylphenol
Concen: 45.314 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

Tgt Ion:107 Resp: 612372

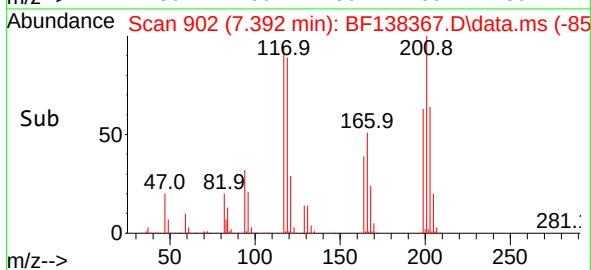
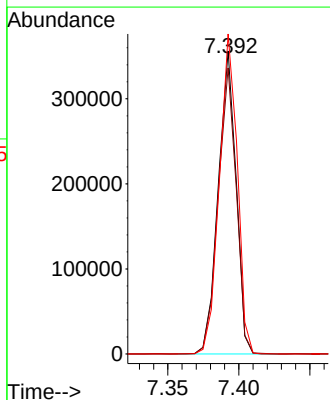
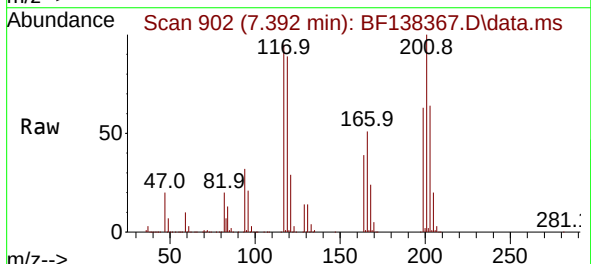
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.7	139.1
77	49.8	35.7	53.5
79	47.4	34.4	51.6

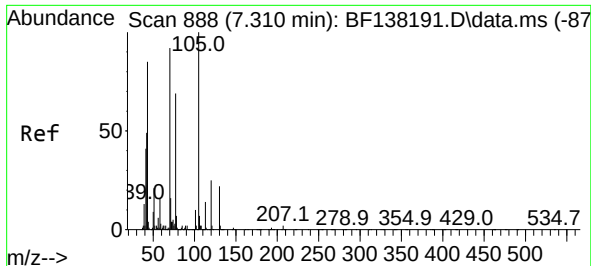


#18
Hexachloroethane
Concen: 46.671 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:117 Resp: 309737

Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.4	117.6
201	105.6	89.0	133.6

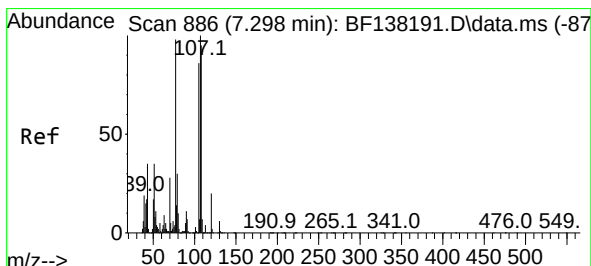
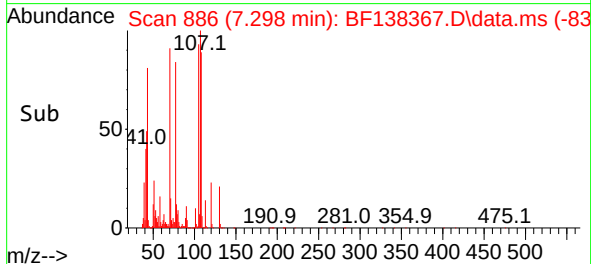
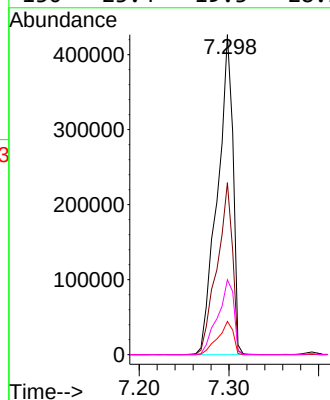
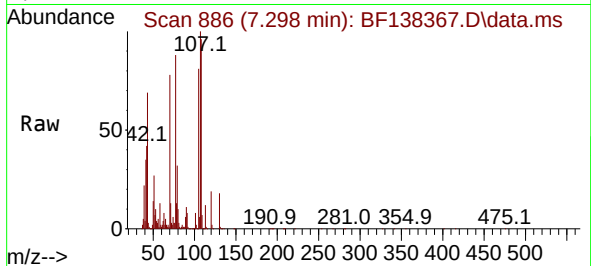




#19
n-Nitroso-di-n-propylamine
Concen: 43.090 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

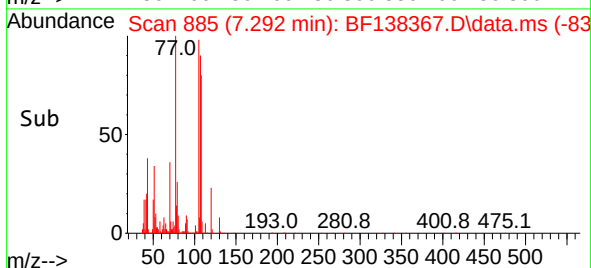
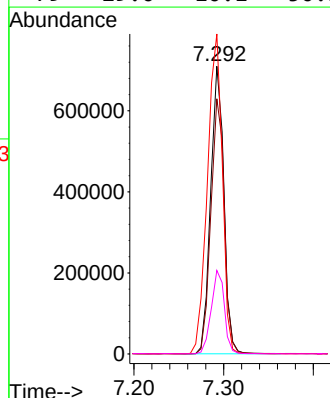
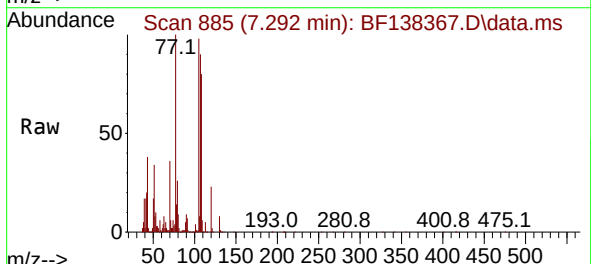
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

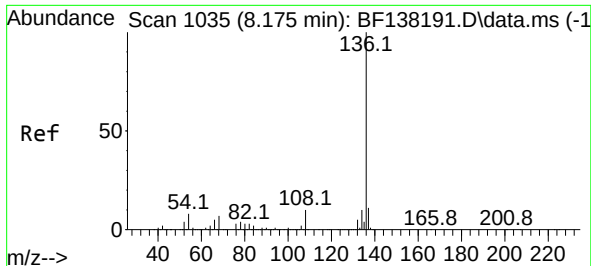
Tgt Ion: 70 Resp: 513128
Ion Ratio Lower Upper
70 100
42 53.7 42.8 64.2
101 10.4 8.4 12.6
130 23.4 19.3 28.9



#20
3+4-Methylphenols
Concen: 42.557 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:107 Resp: 723886
Ion Ratio Lower Upper
107 100
108 88.7 74.9 114.9
77 111.2 78.2 118.2
79 29.0 10.1 50.1

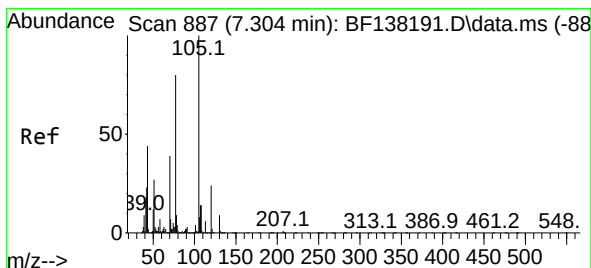
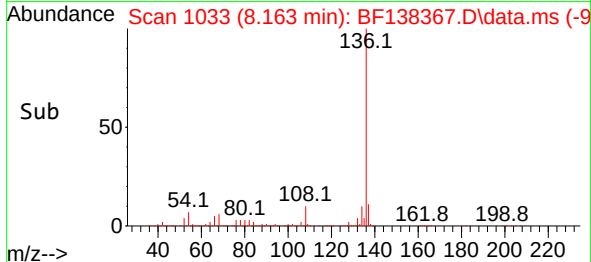
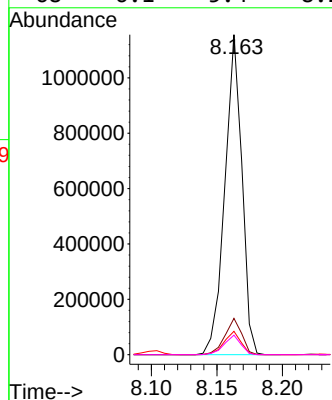
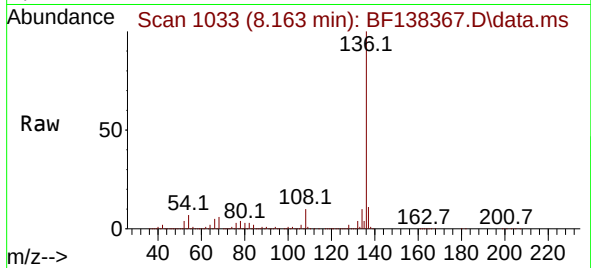




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

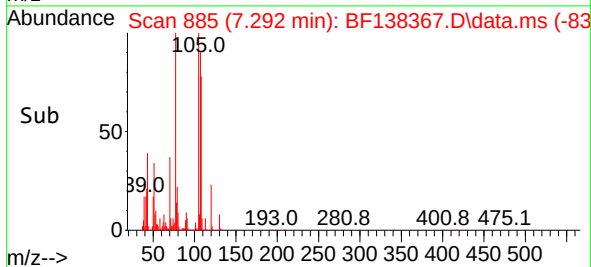
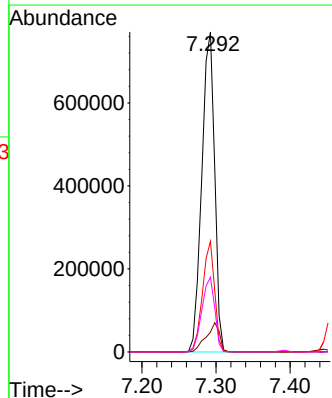
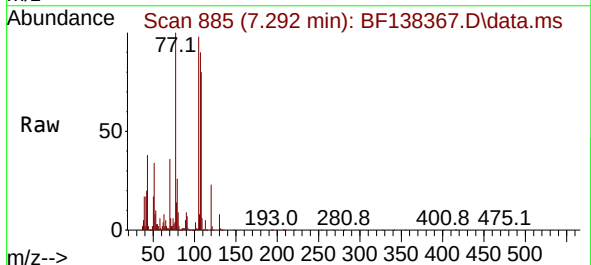
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

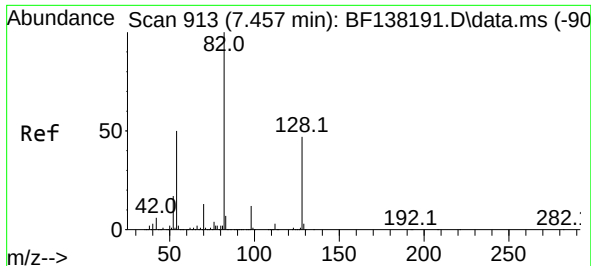
Tgt Ion:136 Resp: 1043898
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.3 6.6 10.0
68 6.1 5.4 8.2



#22
Acetophenone
Concen: 38.906 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:105 Resp: 927790
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.2
51 34.6 21.4 32.0#
120 23.4 19.4 29.2





#23

Nitrobenzene-d5

Concen: 55.234 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

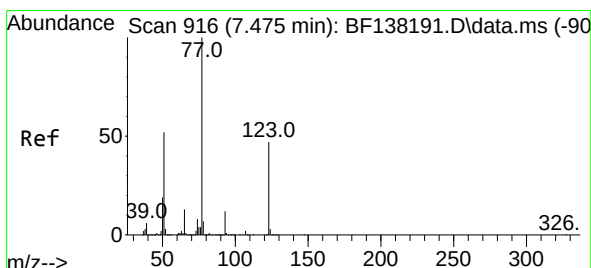
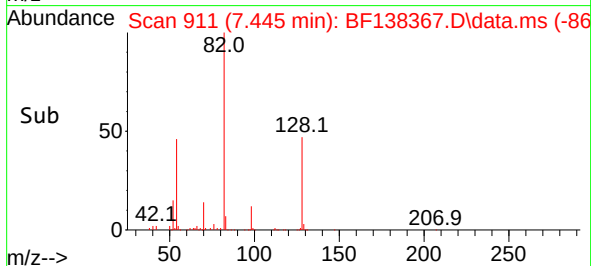
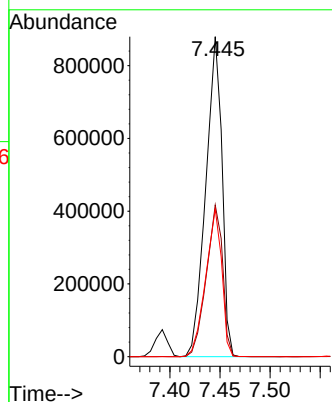
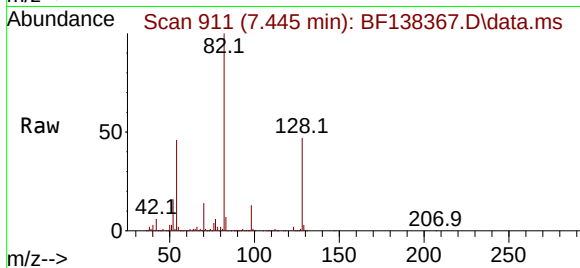
Tgt Ion: 82 Resp: 990416

Ion Ratio Lower Upper

82 100

128 47.4 37.2 55.8

54 46.2 39.8 59.6



#24

Nitrobenzene

Concen: 43.366 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

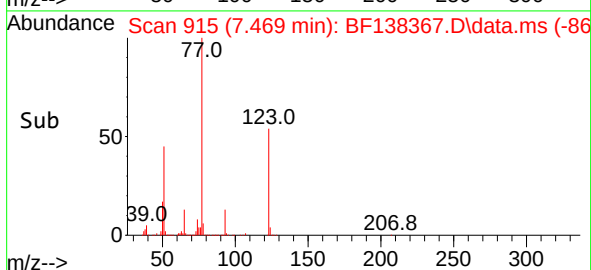
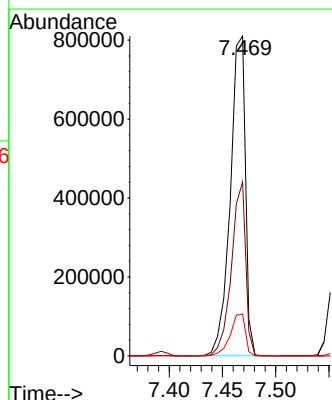
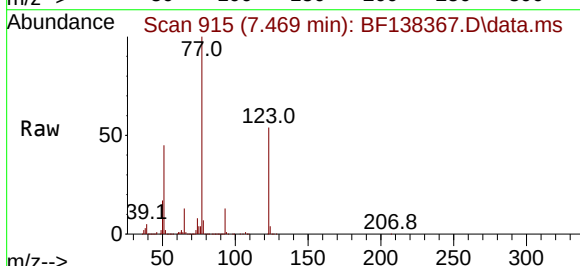
Tgt Ion: 77 Resp: 803702

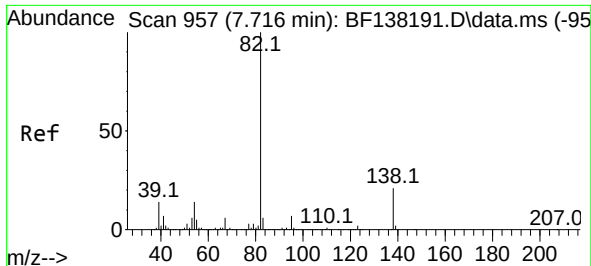
Ion Ratio Lower Upper

77 100

123 54.4 37.3 55.9

65 13.1 10.6 15.8

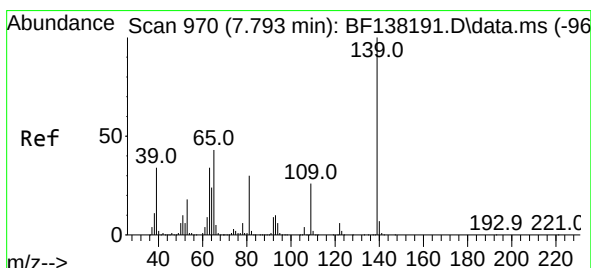
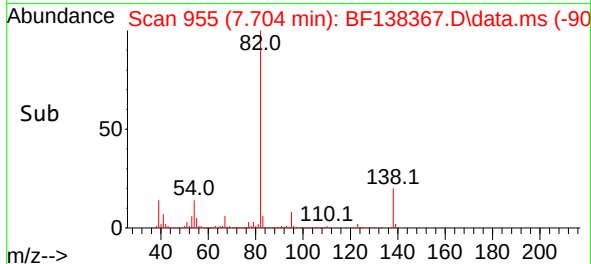
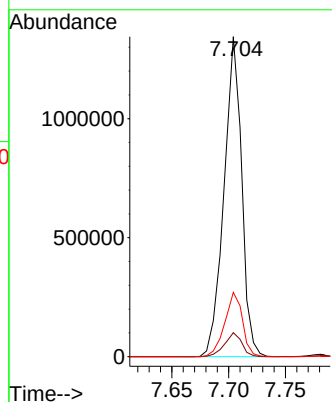
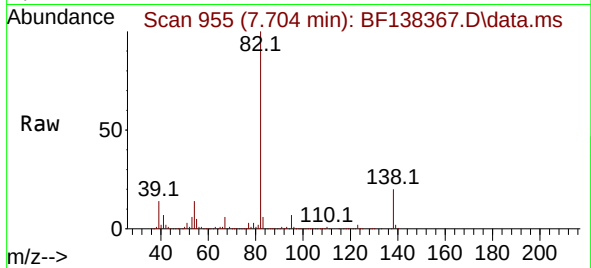




#25
Isophorone
Concen: 44.887 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

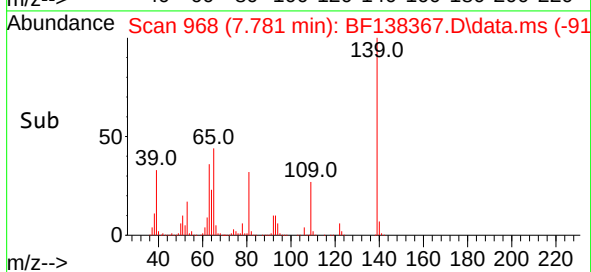
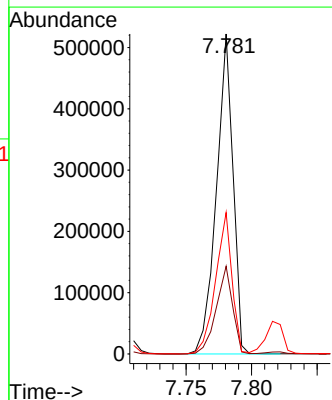
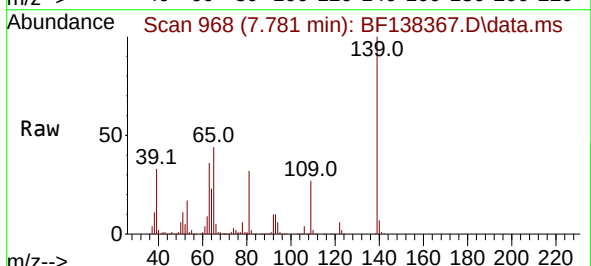
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

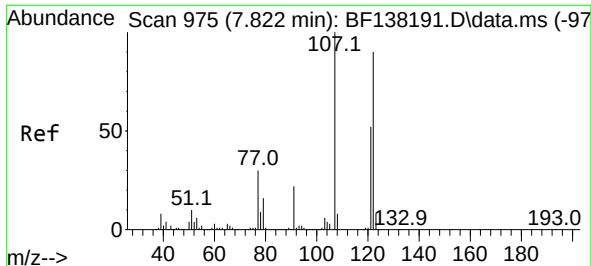
Tgt Ion: 82 Resp: 1455883
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 20.1 16.4 24.6



#26
2-Nitrophenol
Concen: 61.542 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:139 Resp: 458630
Ion Ratio Lower Upper
139 100
109 27.4 20.7 31.1
65 44.2 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 49.111 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138367.D

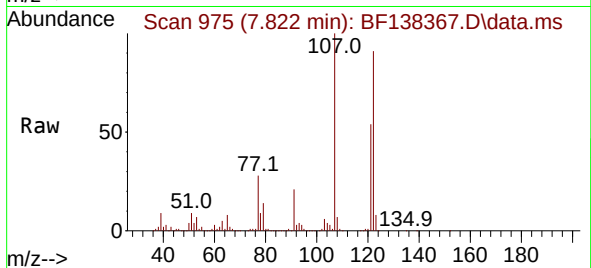
Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD



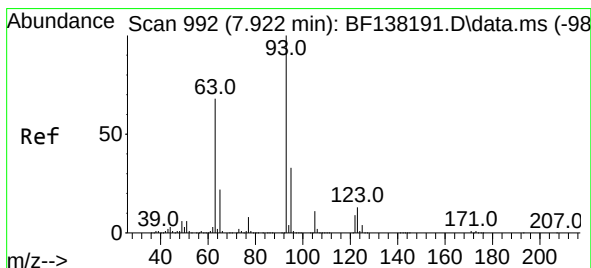
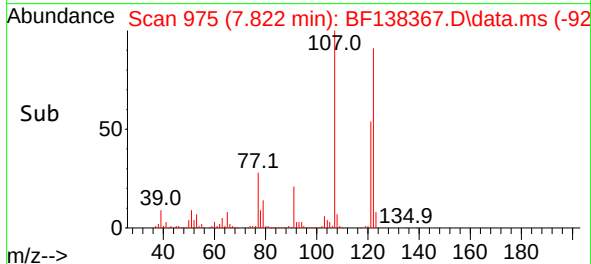
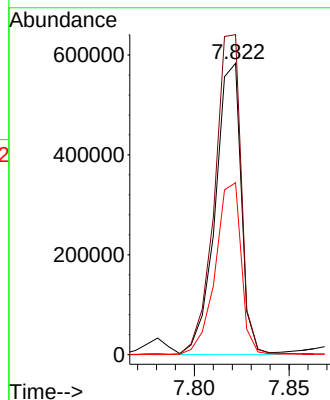
Tgt Ion:122 Resp: 556806

Ion Ratio Lower Upper

122 100

107 109.8 87.7 131.5

121 59.1 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.443 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

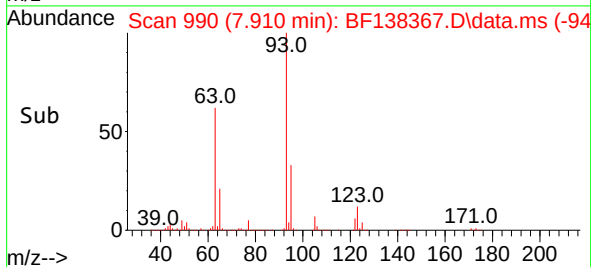
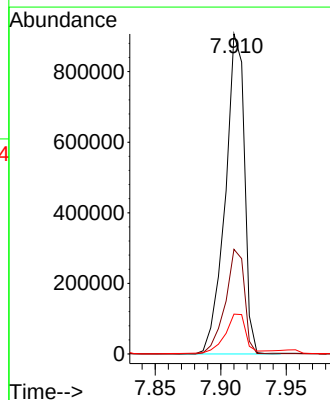
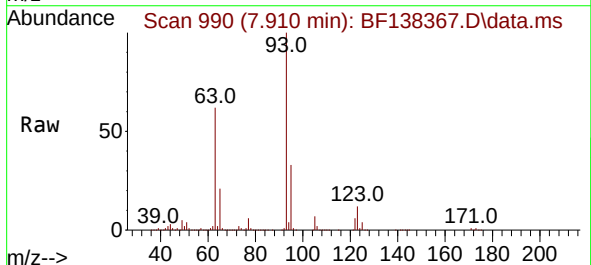
Tgt Ion: 93 Resp: 922640

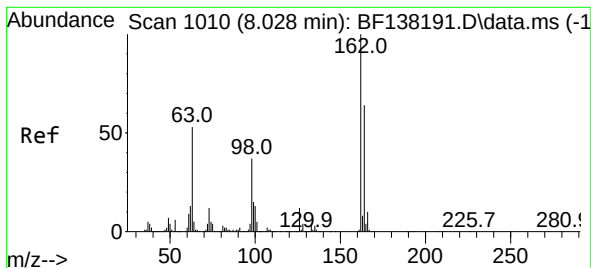
Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.327 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

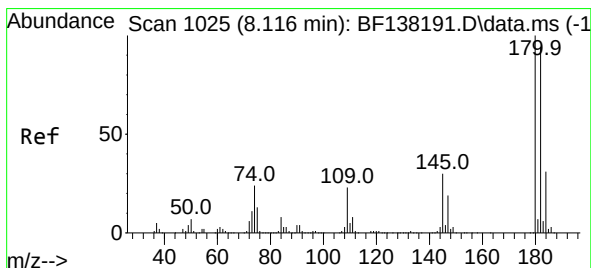
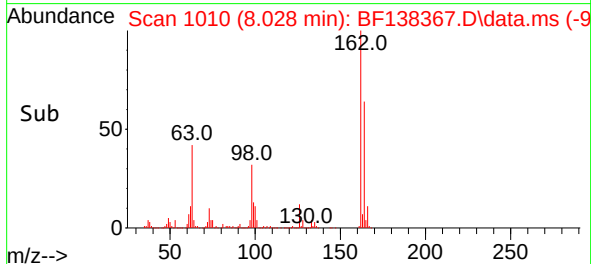
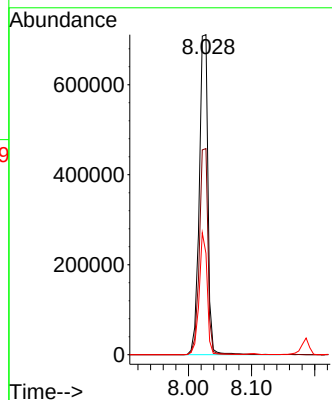
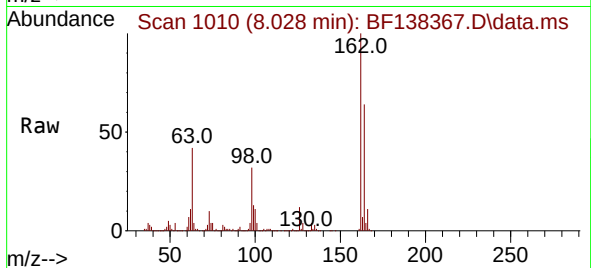
Tgt Ion:162 Resp: 676224

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 31.6 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.892 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

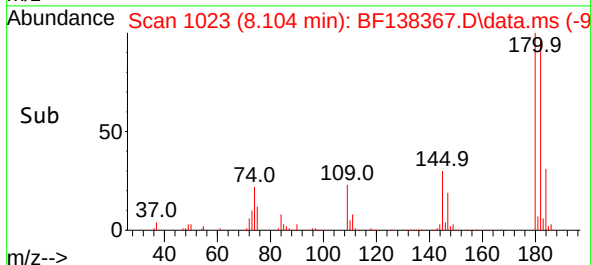
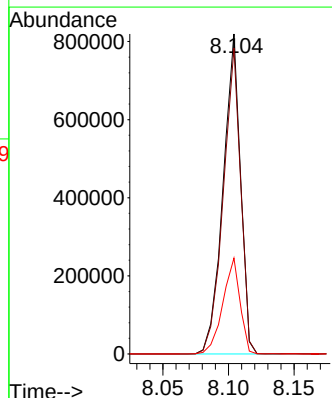
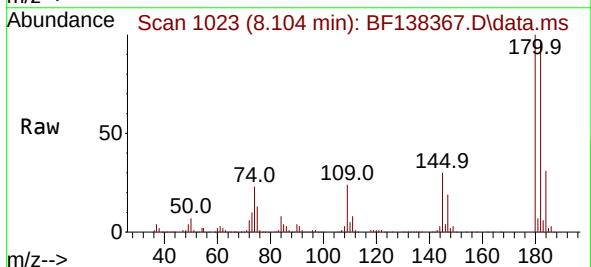
Tgt Ion:180 Resp: 755566

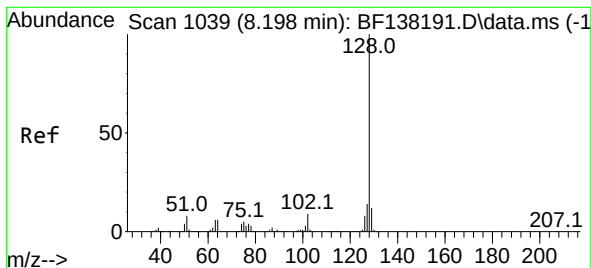
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 29.9 23.8 35.6





#31

Naphthalene

Concen: 42.790 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

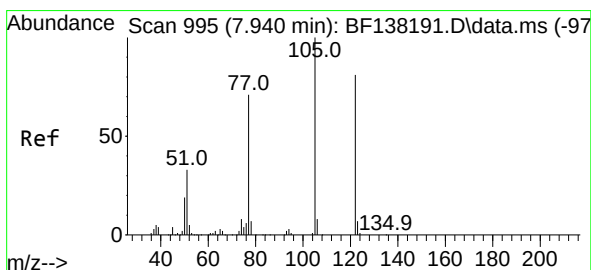
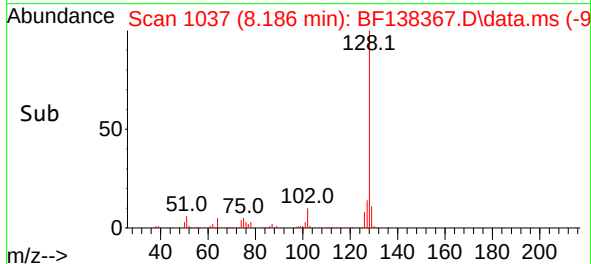
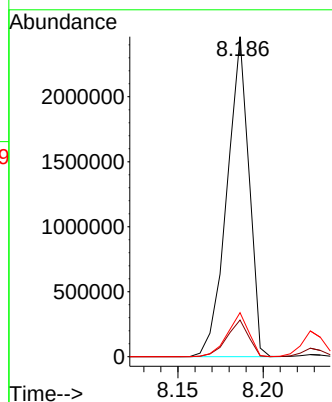
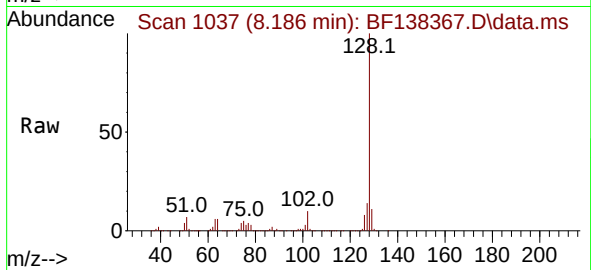
Tgt Ion:128 Resp: 2208737

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

127 13.7 11.0 16.6



#32

Benzoic acid

Concen: 44.269 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.017 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

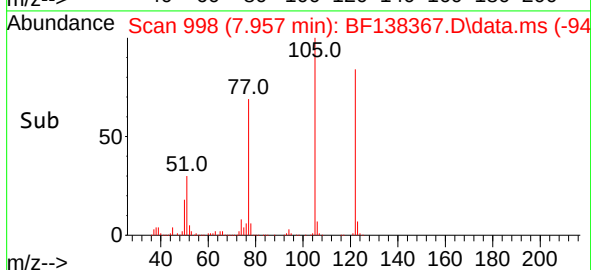
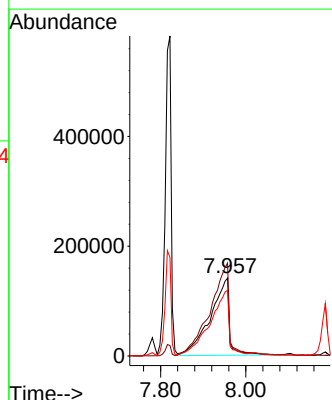
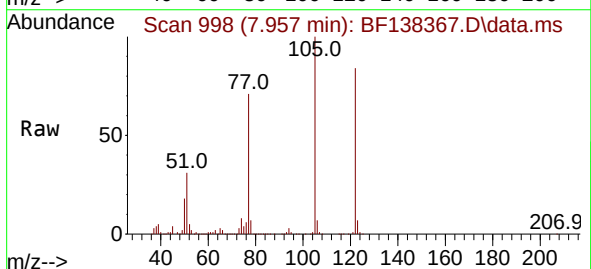
Tgt Ion:122 Resp: 442367

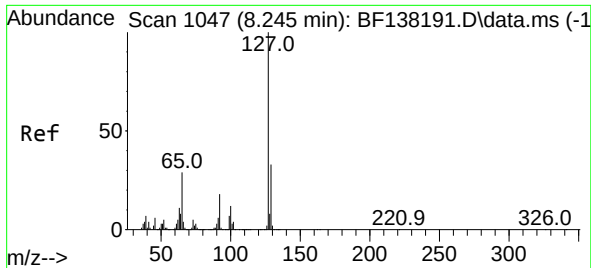
Ion Ratio Lower Upper

122 100

105 119.2 100.1 140.1

77 84.4 66.5 106.5

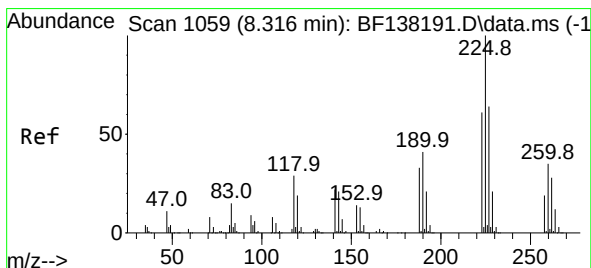
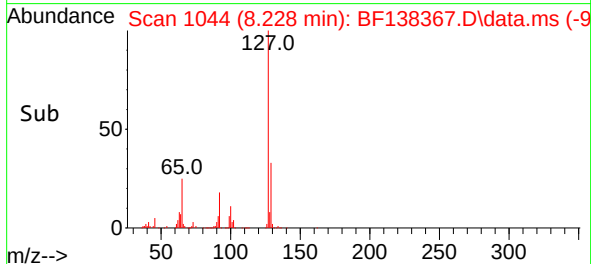
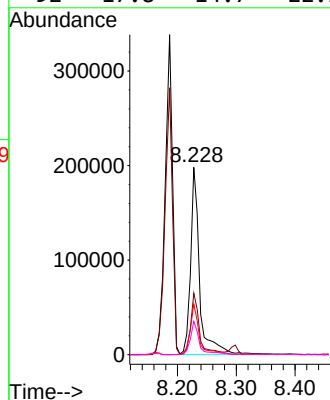
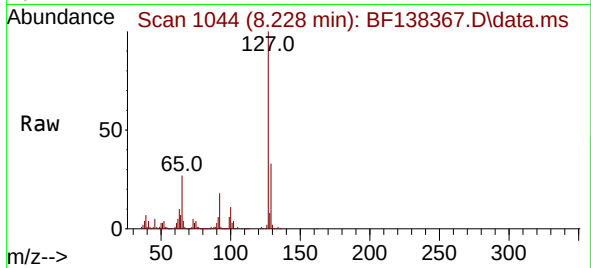




#33
4-Chloroaniline
Concen: 10.957 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.018 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

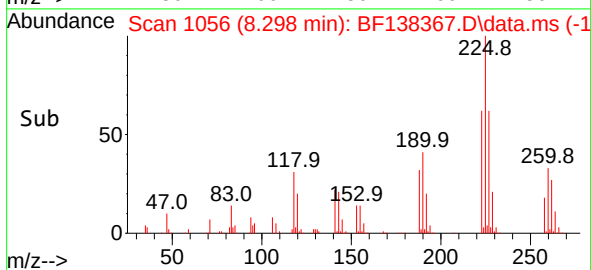
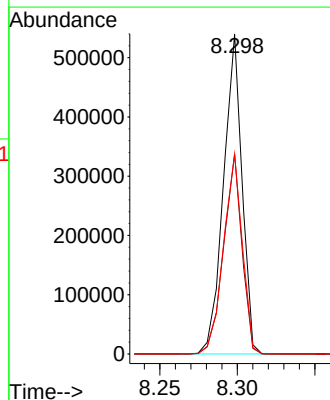
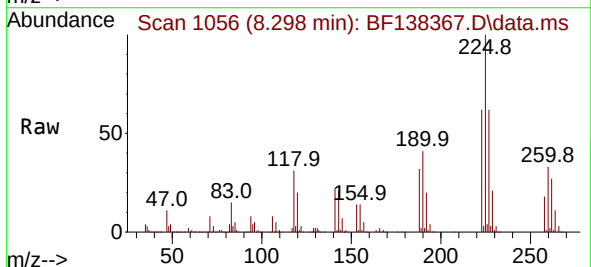
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

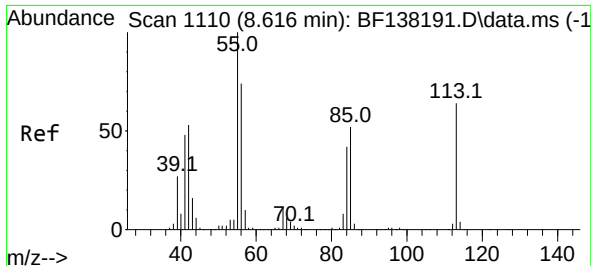
Tgt Ion:	127	Resp:	211391
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	27.1	23.6	35.4
92	17.8	14.7	22.1



#34
Hexachlorobutadiene
Concen: 44.438 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.018 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:	225	Resp:	447395
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.0	73.6
227	62.5	51.2	76.8

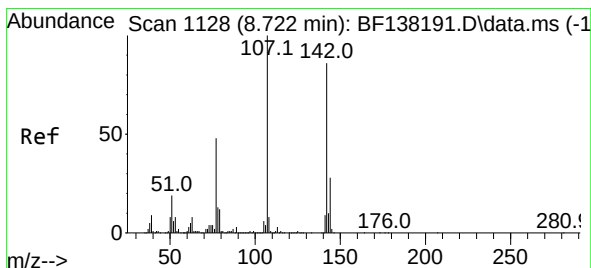
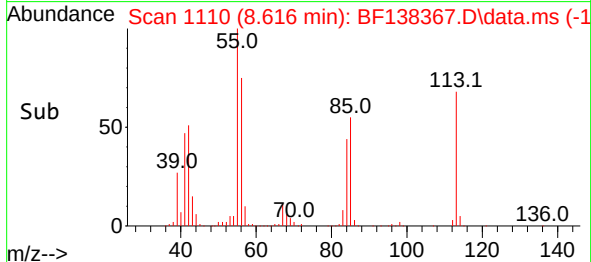
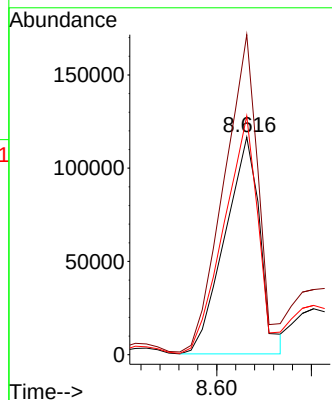
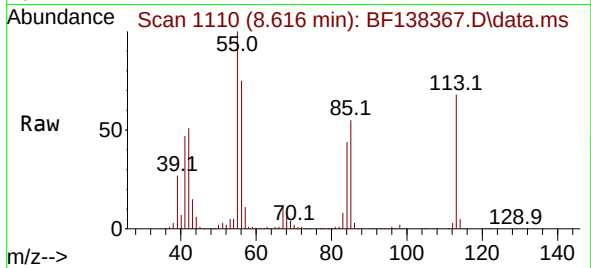




#35
Caprolactam
Concen: 33.817 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

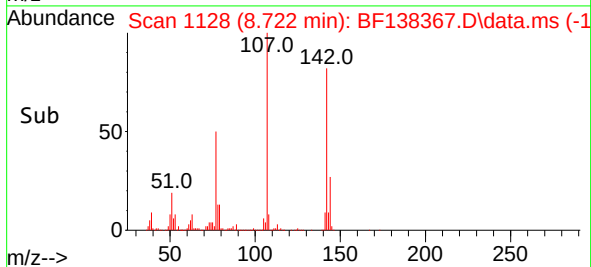
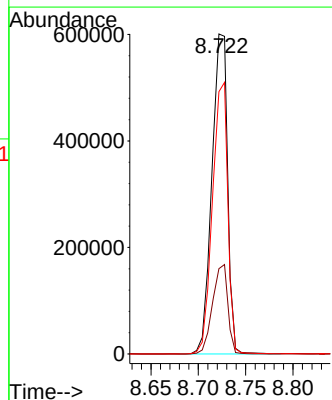
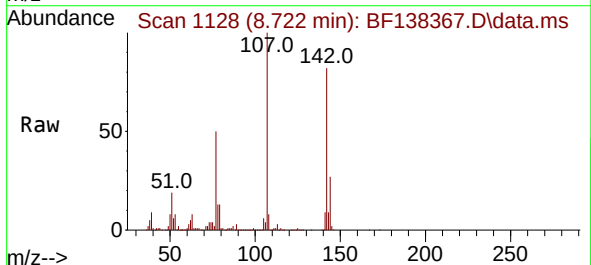
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

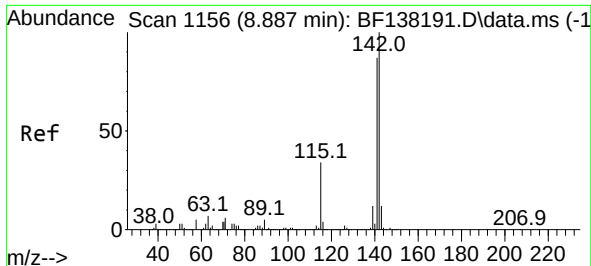
Tgt Ion:113 Resp: 149025
Ion Ratio Lower Upper
113 100
55 147.1 135.4 175.4
56 109.7 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 47.636 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:107 Resp: 692324
Ion Ratio Lower Upper
107 100
144 26.6 22.6 34.0
142 82.0 69.0 103.4





#37

2-Methylnaphthalene

Concen: 43.363 ng

RT: 8.875 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

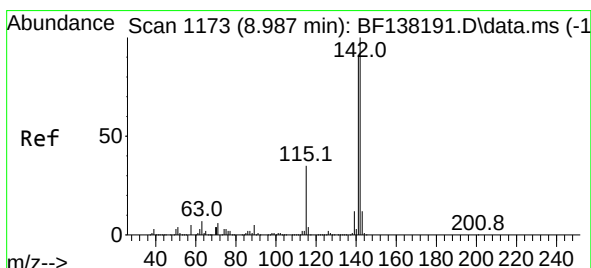
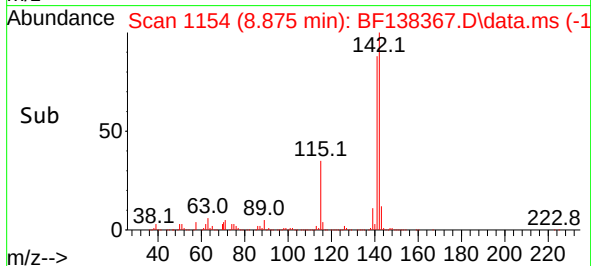
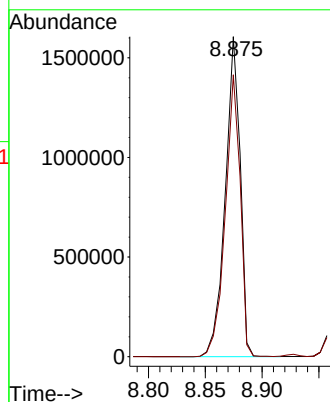
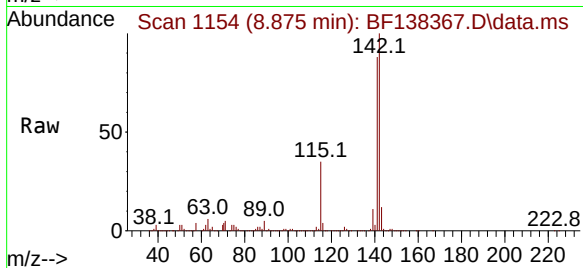
7-S-1MSD

Tgt Ion:142 Resp: 1469000

Ion Ratio Lower Upper

142 100

141 88.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 41.225 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF138367.D

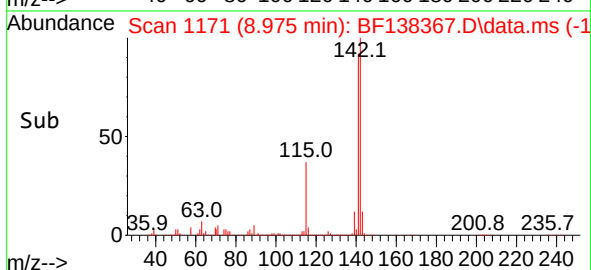
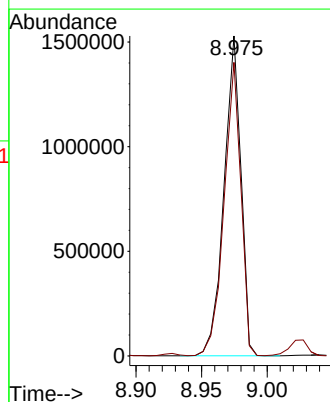
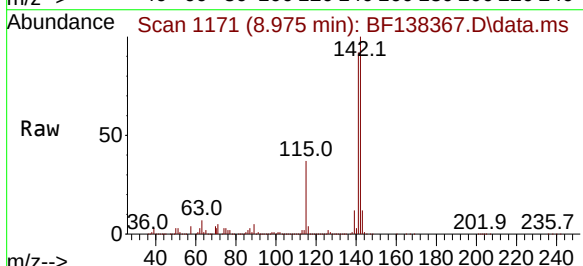
Acq: 27 Jun 2024 15:36

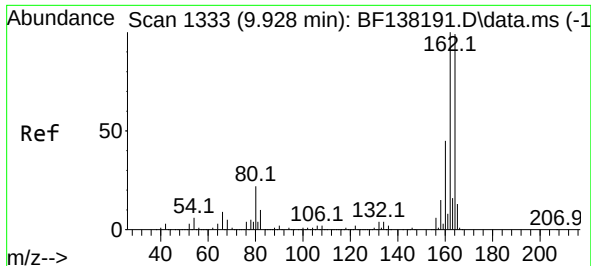
Tgt Ion:142 Resp: 1368581

Ion Ratio Lower Upper

142 100

141 91.8 72.8 109.2

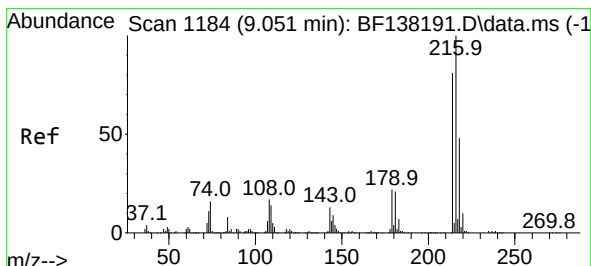
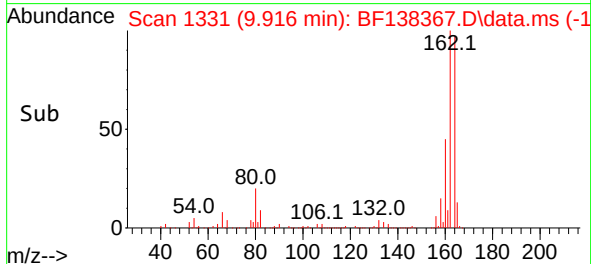
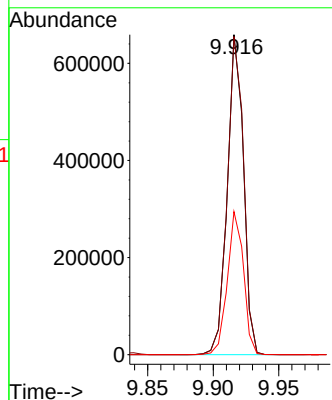
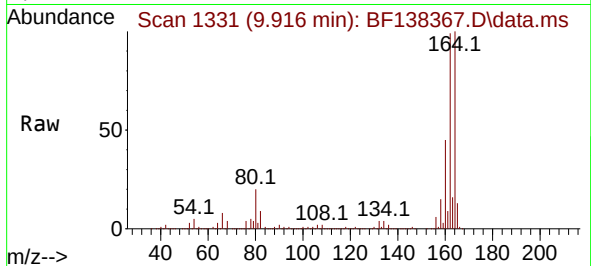




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

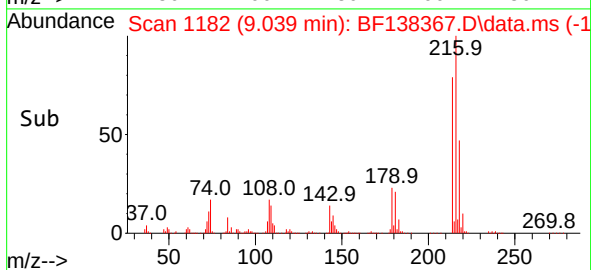
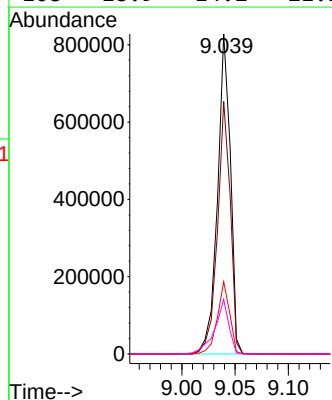
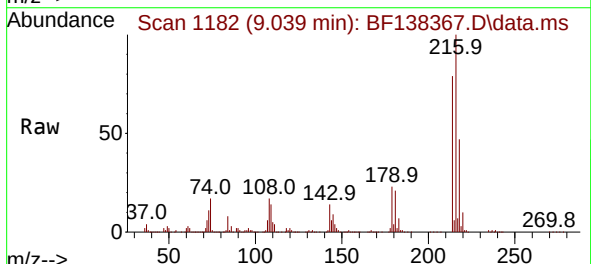
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

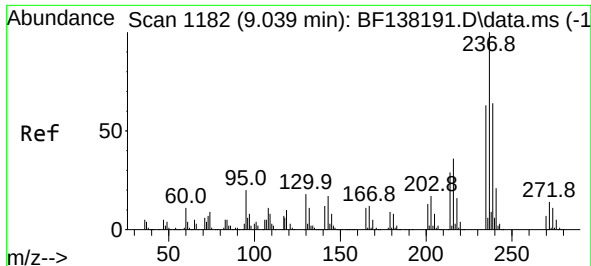
Tgt Ion:164 Resp: 563171
Ion Ratio Lower Upper
164 100
162 99.5 80.6 121.0
160 44.7 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.953 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:216 Resp: 690421
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 21.7 16.9 25.3
108 18.9 14.2 21.2

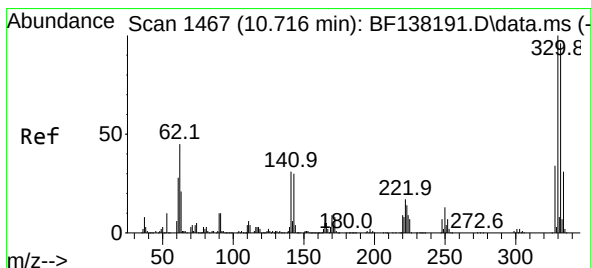
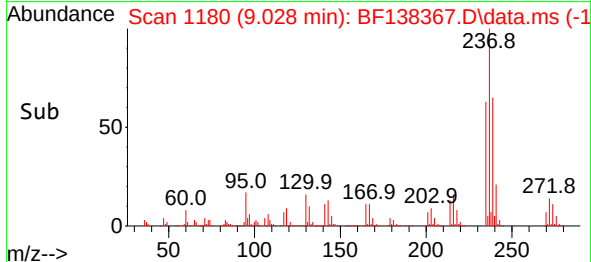
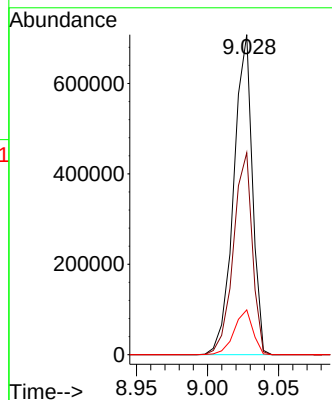
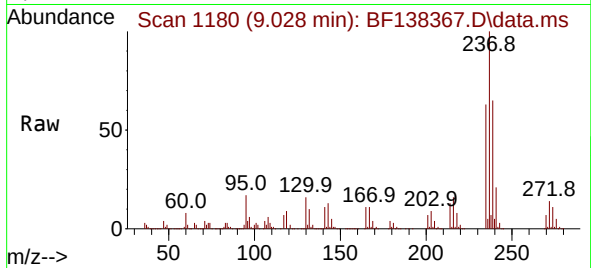




#41
Hexachlorocyclopentadiene
Concen: 120.817 ng
RT: 9.028 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

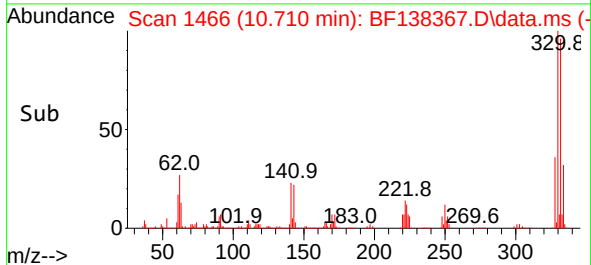
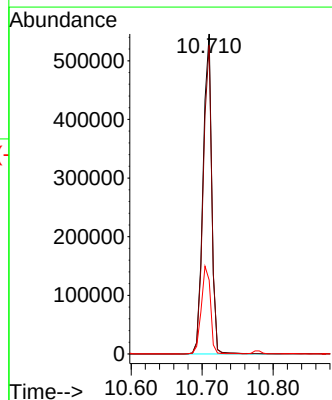
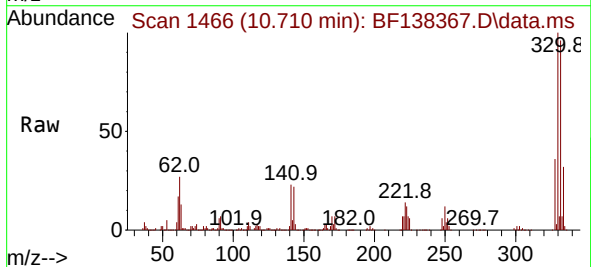
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

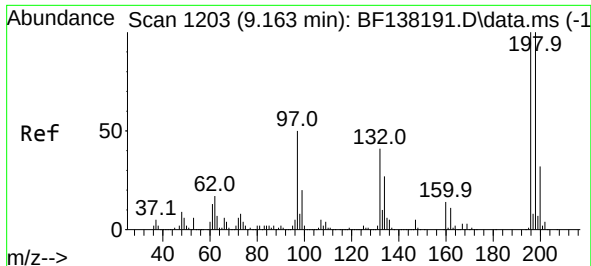
Tgt Ion:237 Resp: 648314
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 14.0 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 82.495 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:330 Resp: 462507
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 29.2 23.9 35.9

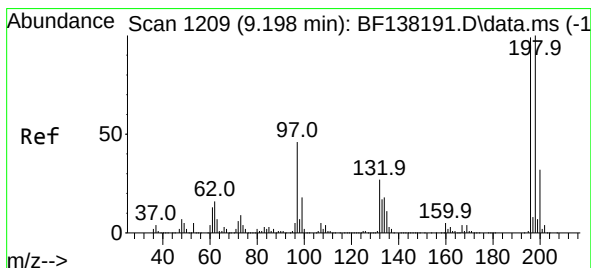
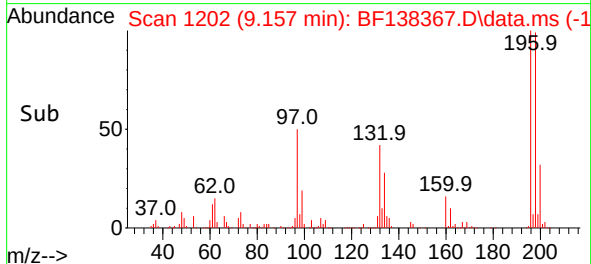
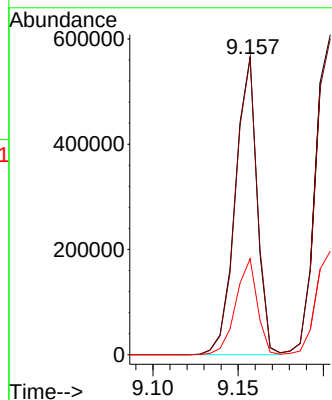
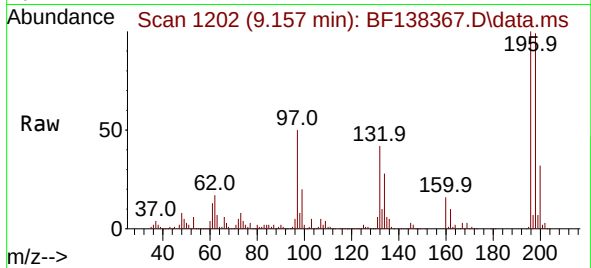




#43
2,4,6-Trichlorophenol
Concen: 48.771 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

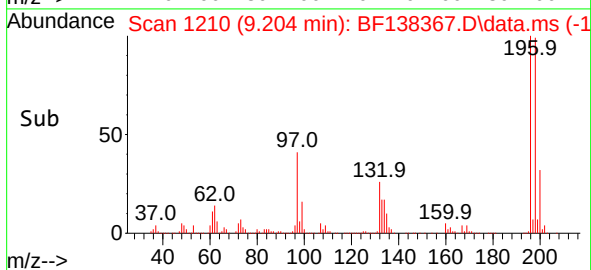
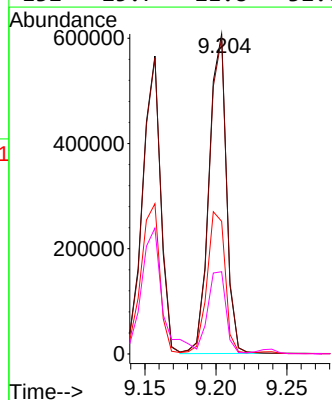
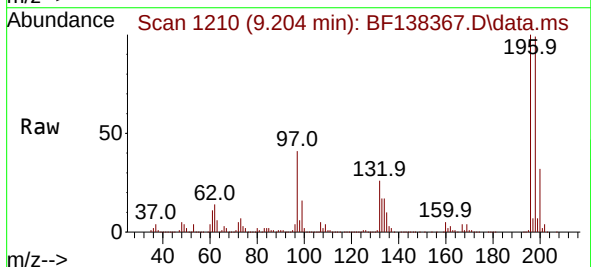
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

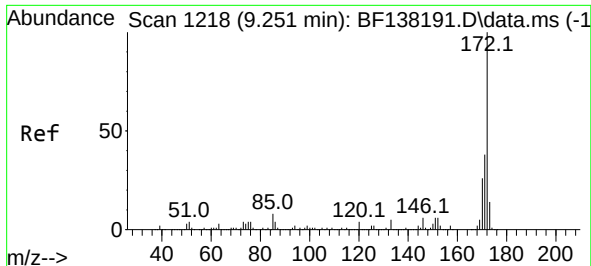
Tgt Ion:196 Resp: 502563
Ion Ratio Lower Upper
196 100
198 99.4 79.8 119.6
200 32.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 45.584 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:196 Resp: 515831
Ion Ratio Lower Upper
196 100
198 98.8 80.4 120.6
97 41.5 37.4 56.2
132 25.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 49.941 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

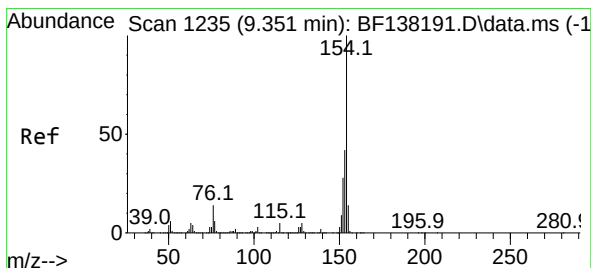
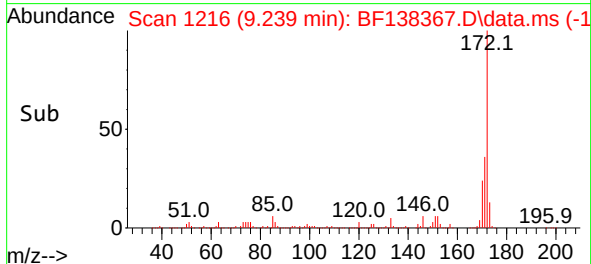
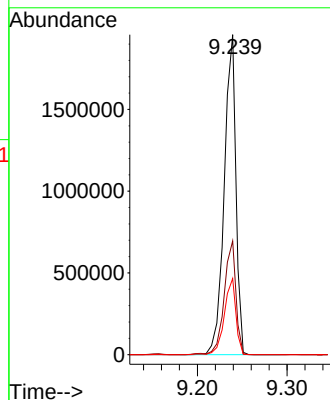
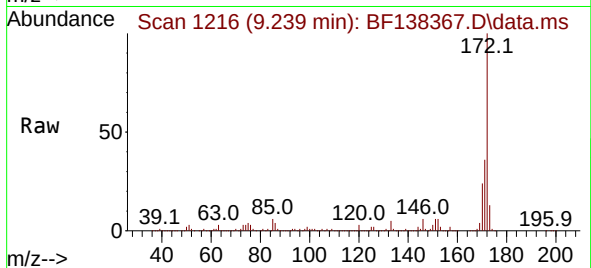
Tgt Ion:172 Resp: 1768714

Ion Ratio Lower Upper

172 100

171 35.6 30.3 45.5

170 23.8 20.6 30.8



#46

1,1'-Biphenyl

Concen: 41.045 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

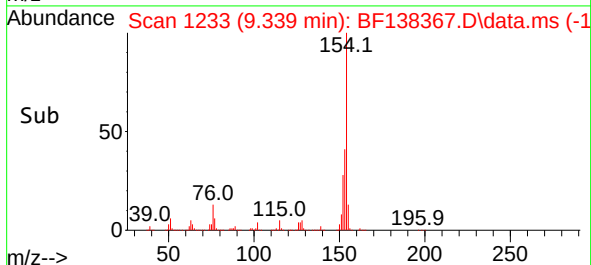
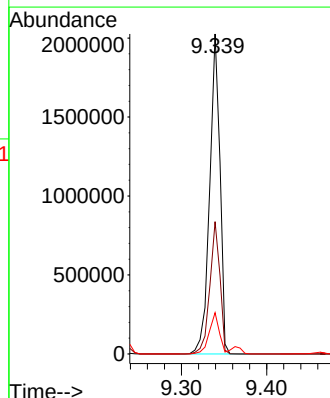
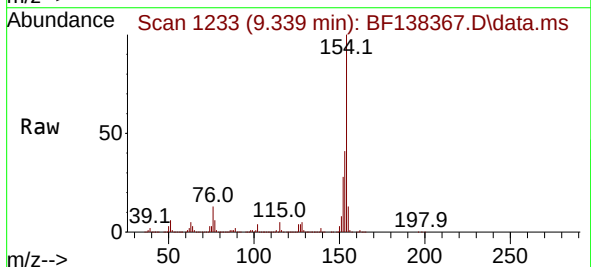
Tgt Ion:154 Resp: 1696173

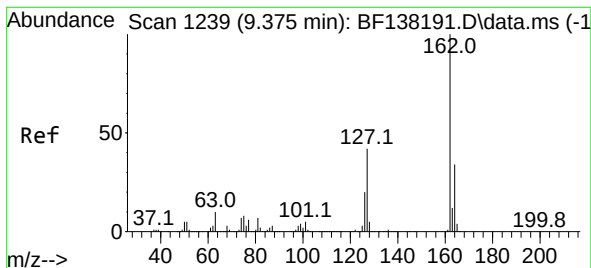
Ion Ratio Lower Upper

154 100

153 41.4 22.1 62.1

76 12.9 0.0 34.3





#47

2-Chloronaphthalene

Concen: 43.461 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

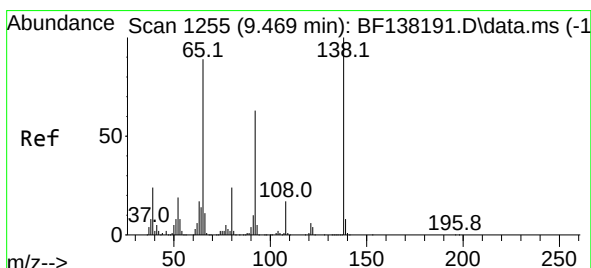
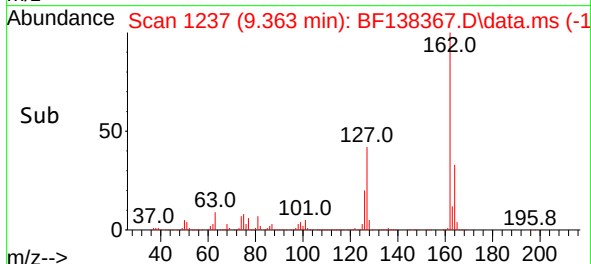
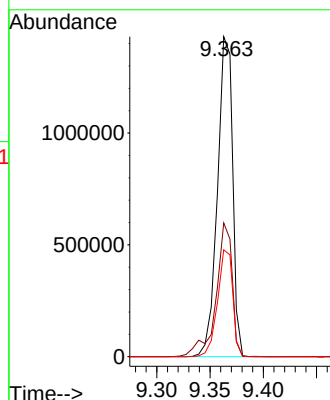
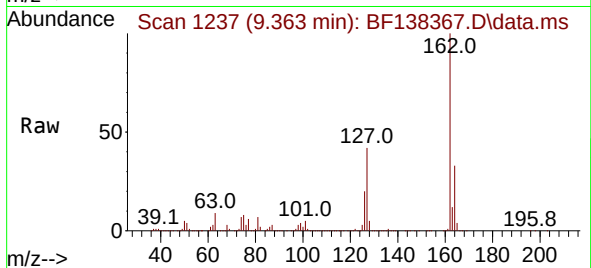
Tgt Ion:162 Resp: 1419391

Ion Ratio Lower Upper

162 100

127 41.8 33.6 50.4

164 33.4 27.2 40.8



#48

2-Nitroaniline

Concen: 50.481 ng

RT: 9.463 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

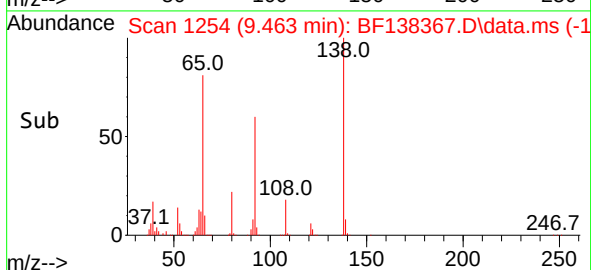
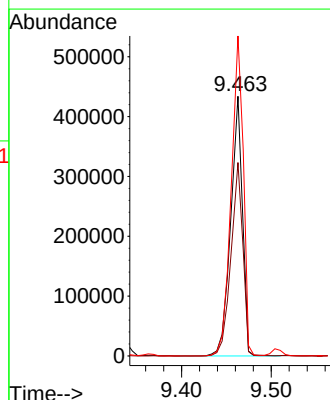
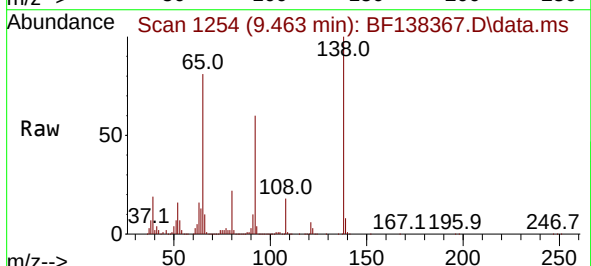
Tgt Ion: 65 Resp: 397041

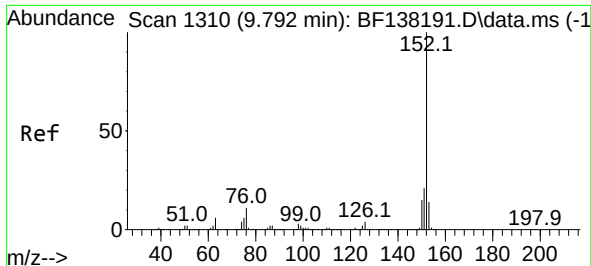
Ion Ratio Lower Upper

65 100

92 74.5 56.6 85.0

138 123.2 90.1 135.1





#49

Acenaphthylene

Concen: 46.648 ng

RT: 9.780 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

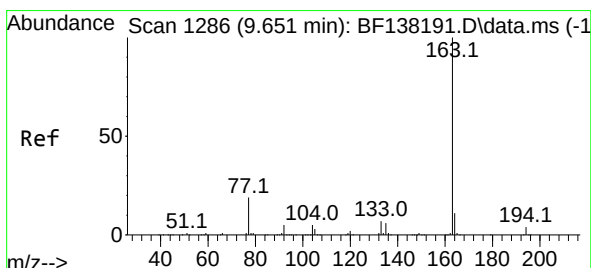
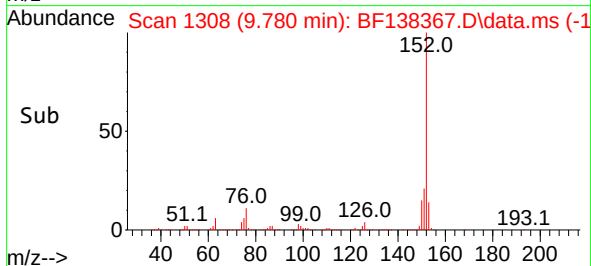
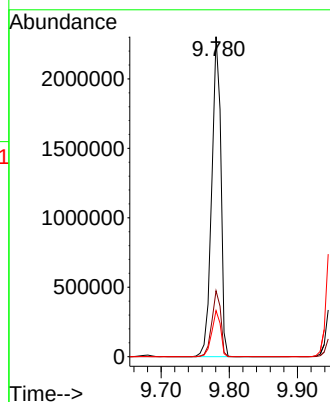
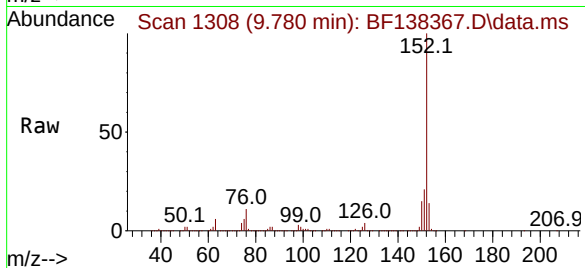
Tgt Ion:152 Resp: 2136311

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 14.4 11.4 17.0



#50

Dimethylphthalate

Concen: 49.299 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

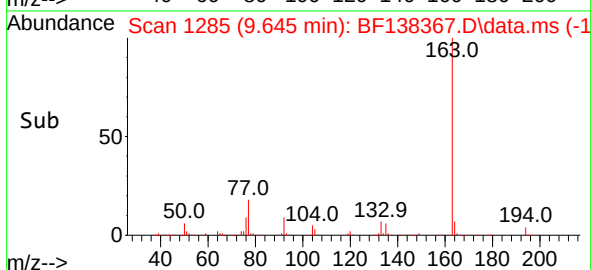
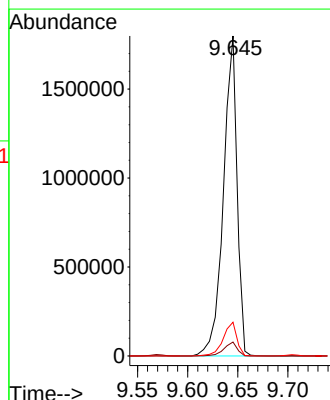
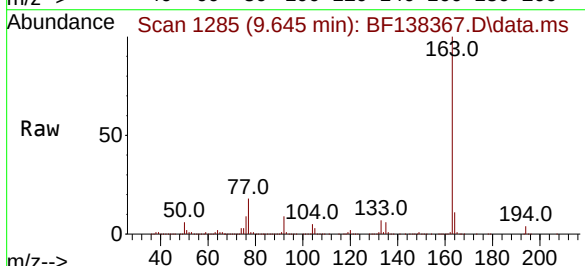
Tgt Ion:163 Resp: 1701103

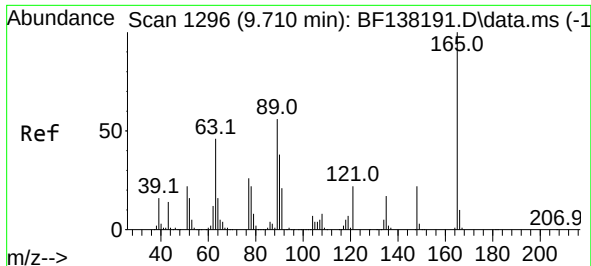
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.5 8.5 12.7

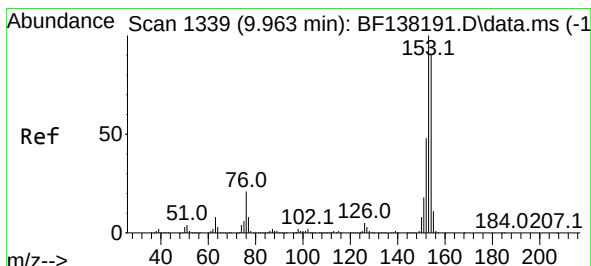
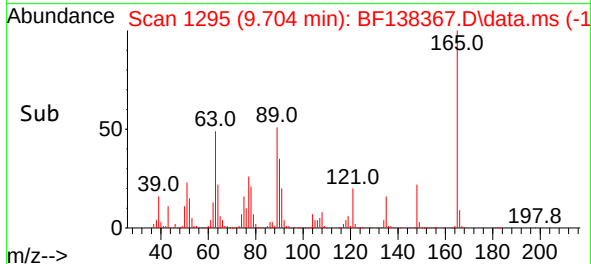
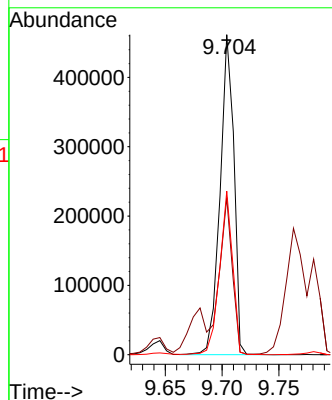
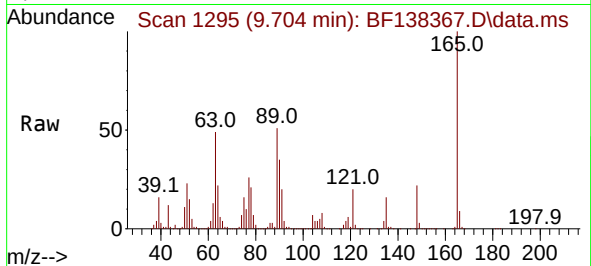




#51
2,6-Dinitrotoluene
Concen: 52.403 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

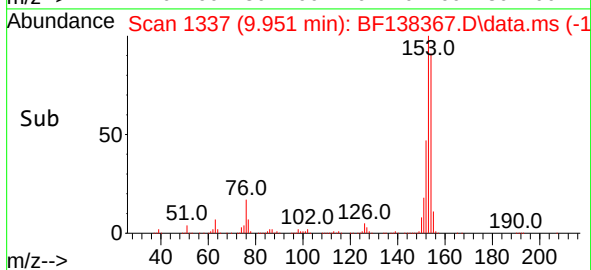
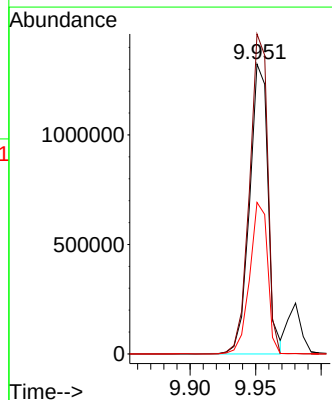
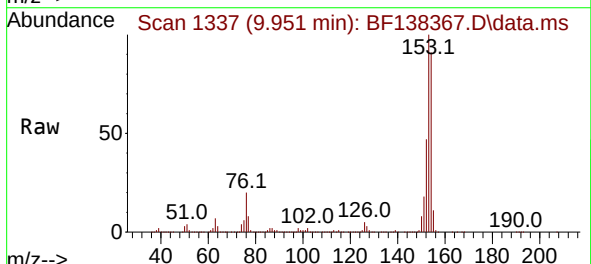
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

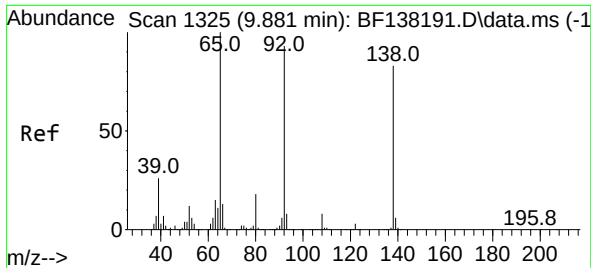
Tgt Ion:165 Resp: 392276
Ion Ratio Lower Upper
165 100
63 49.1 43.7 65.5
89 51.1 44.9 67.3



#52
Acenaphthene
Concen: 41.333 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:154 Resp: 1290778
Ion Ratio Lower Upper
154 100
153 110.4 89.1 133.7
152 52.3 42.4 63.6

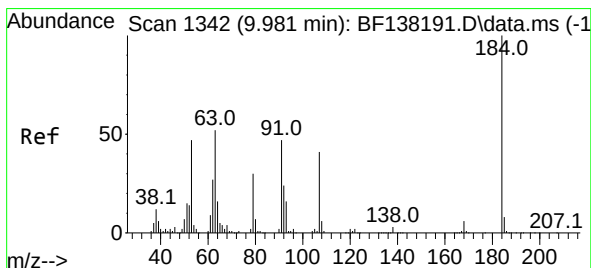
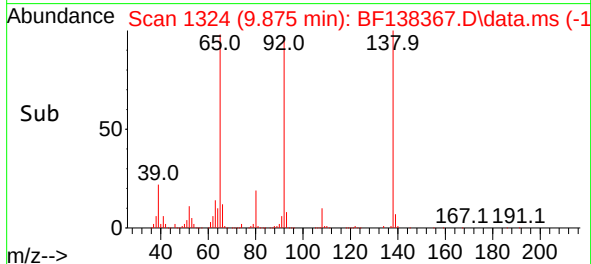
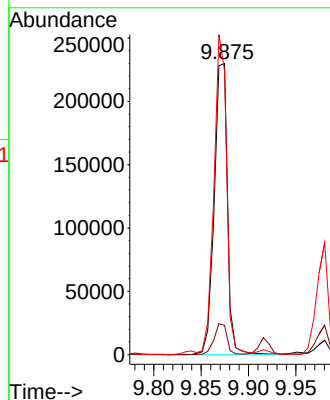
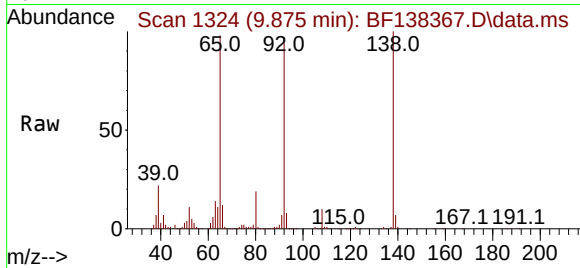




#53
3-Nitroaniline
Concen: 27.892 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

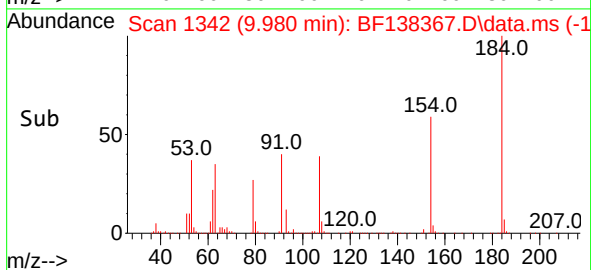
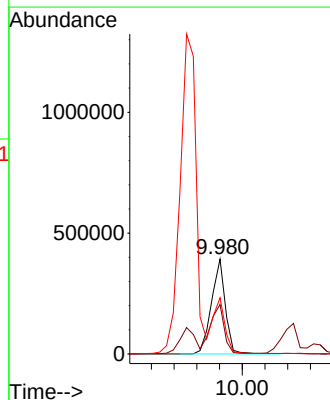
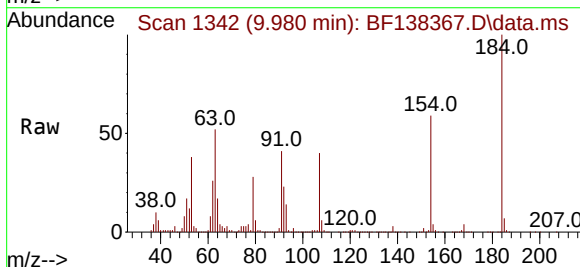
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

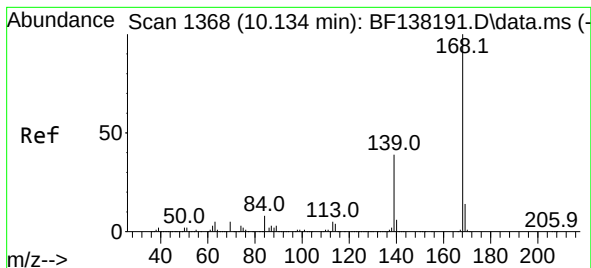
Tgt Ion:138 Resp: 223050
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 97.4 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 85.635 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:184 Resp: 334572
Ion Ratio Lower Upper
184 100
63 52.1 49.2 73.8
154 59.2 46.7 70.1





#55

Dibenzenofuran

Concen: 43.962 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

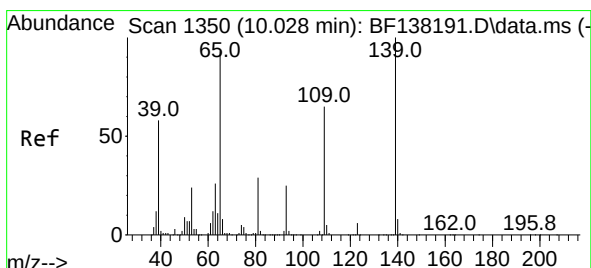
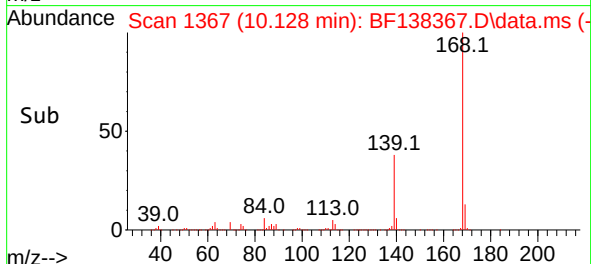
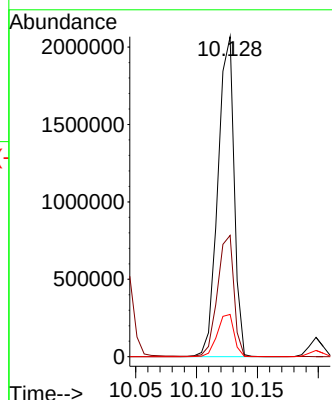
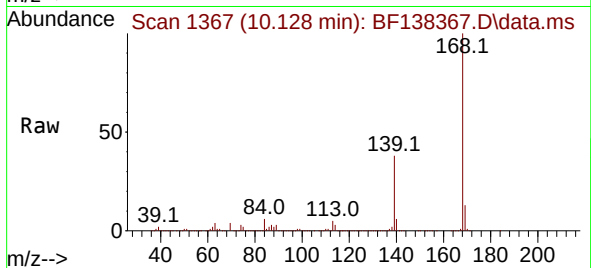
Tgt Ion:168 Resp: 1919173

Ion Ratio Lower Upper

168 100

139 37.9 31.0 46.4

169 13.2 11.4 17.0



#56

4-Nitrophenol

Concen: 77.261 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.018 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

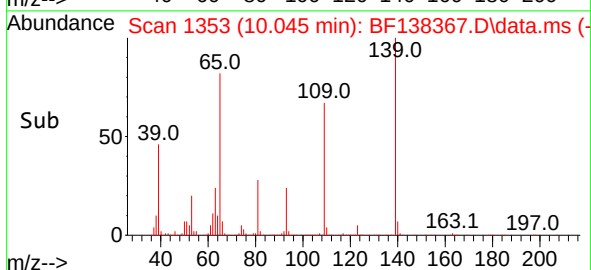
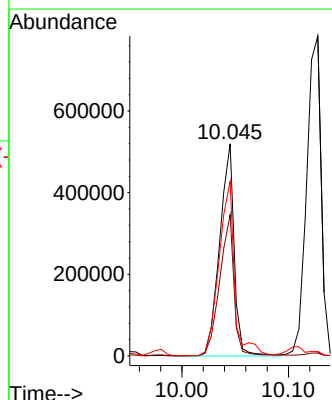
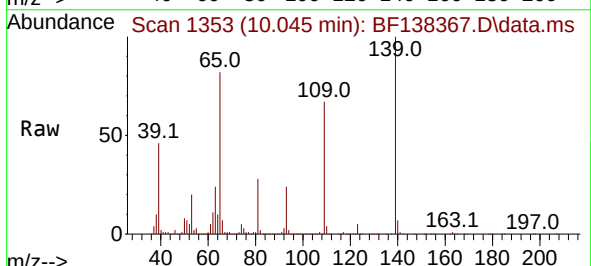
Tgt Ion:139 Resp: 488261

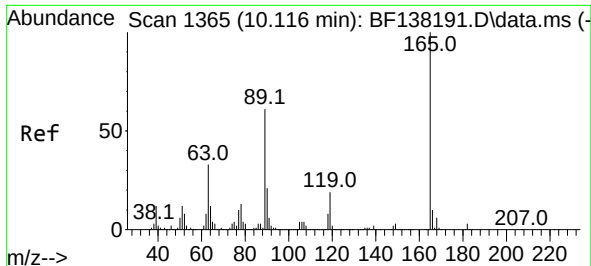
Ion Ratio Lower Upper

139 100

109 66.6 44.6 84.6

65 82.3 73.1 113.1

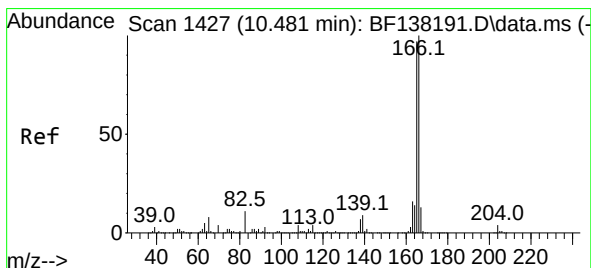
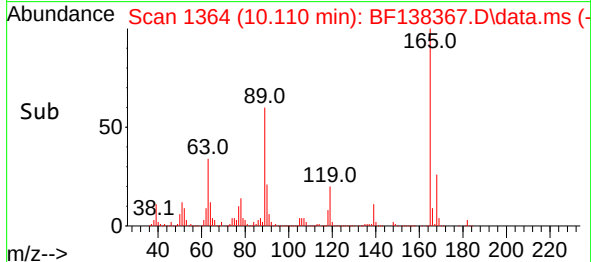
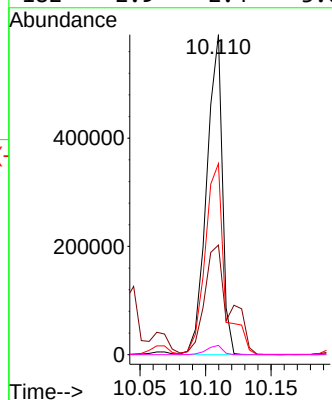
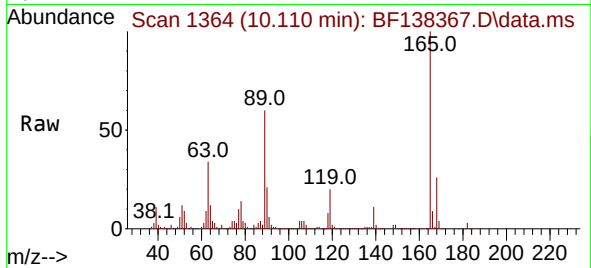




#57
2,4-Dinitrotoluene
Concen: 53.288 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

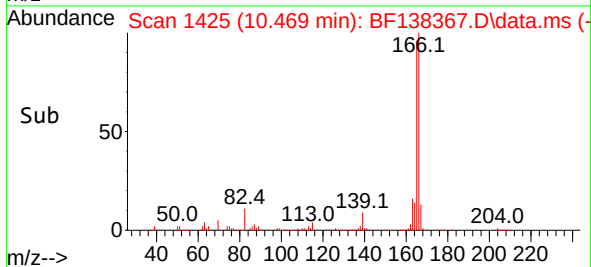
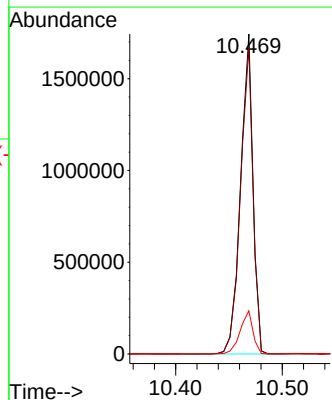
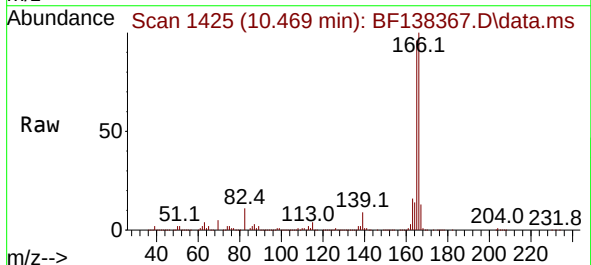
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

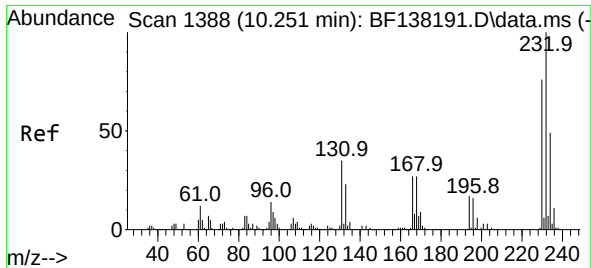
Tgt Ion:165 Resp: 492006
Ion Ratio Lower Upper
165 100
63 34.3 26.6 39.8
89 59.7 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 41.331 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:166 Resp: 1418648
Ion Ratio Lower Upper
166 100
165 95.8 77.9 116.9
167 13.5 10.7 16.1

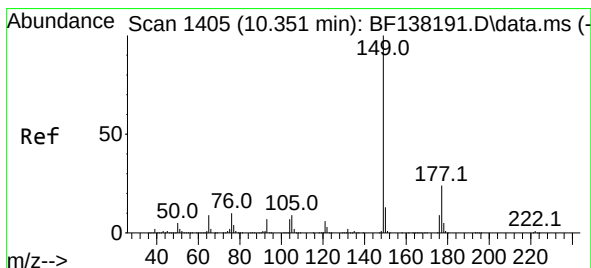
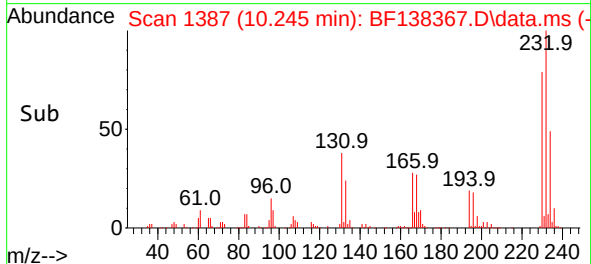
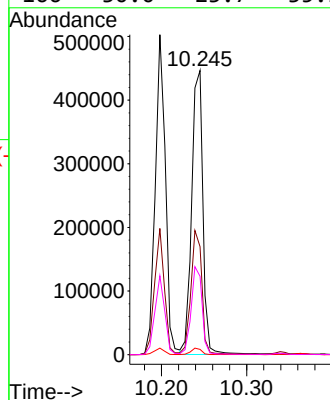
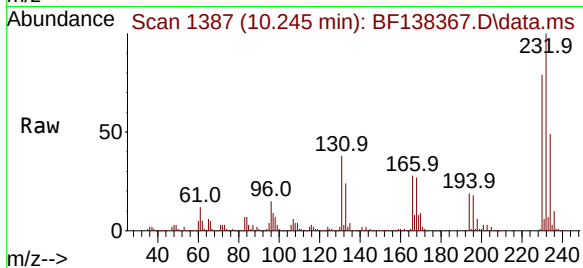




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.244 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

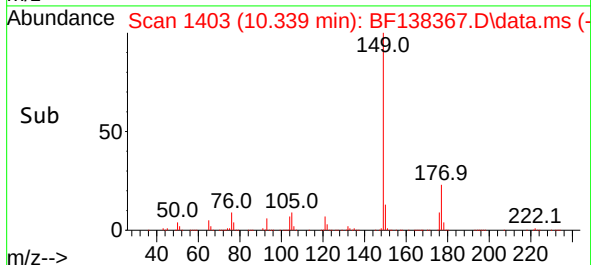
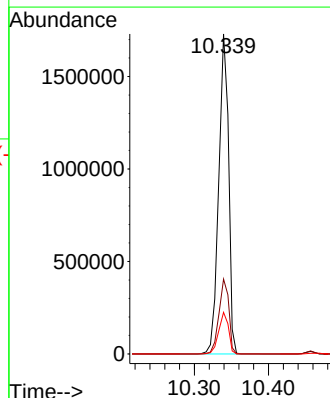
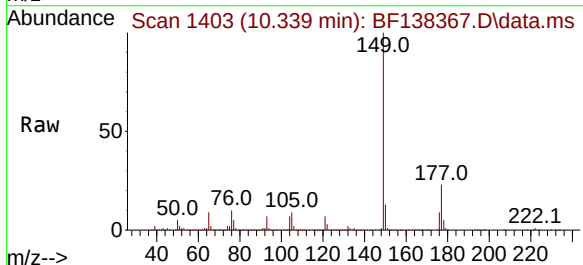
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

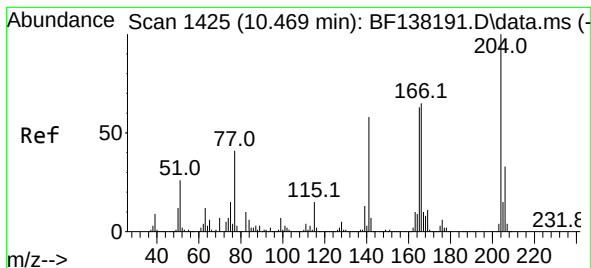
Tgt Ion:232 Resp: 408970
Ion Ratio Lower Upper
232 100
131 42.3 33.6 50.4
130 2.1 1.7 2.5
166 30.0 23.7 35.5



#60
Diethylphthalate
Concen: 48.681 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:149 Resp: 1594268
Ion Ratio Lower Upper
149 100
177 23.4 19.4 29.0
150 13.0 10.2 15.4

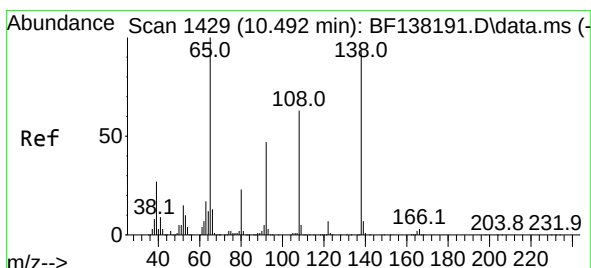
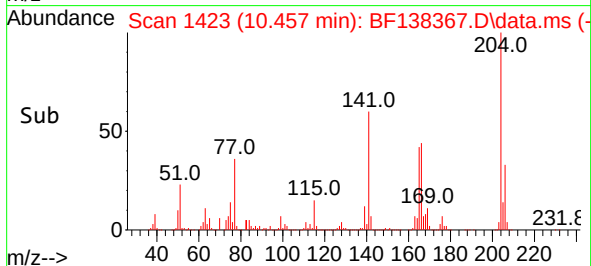
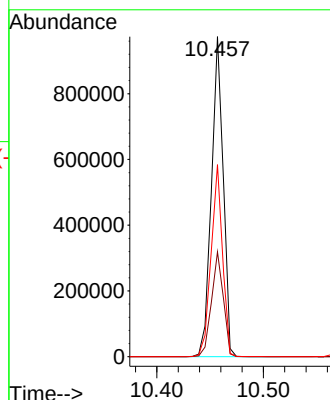
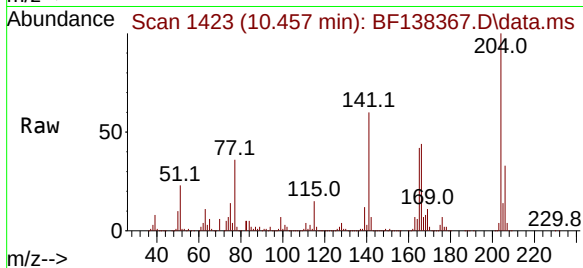




#61
4-Chlorophenyl-phenylether
Concen: 43.729 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

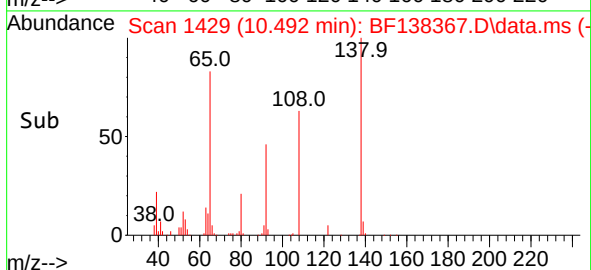
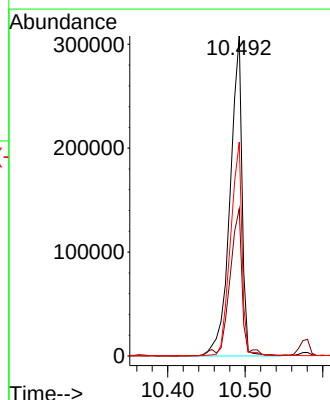
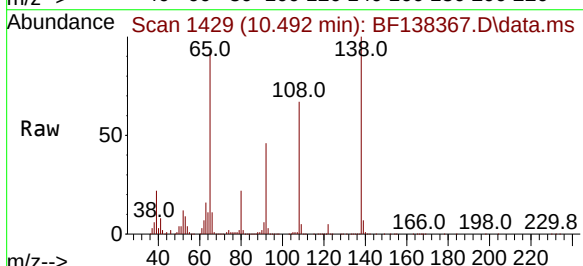
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

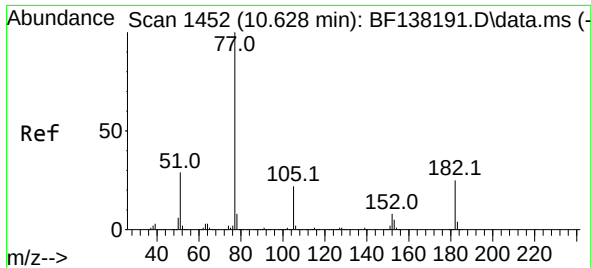
Tgt Ion:204 Resp: 747531
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 60.0 46.3 69.5



#62
4-Nitroaniline
Concen: 41.623 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:138 Resp: 332568
Ion Ratio Lower Upper
138 100
92 46.0 30.9 70.9
108 66.9 47.8 87.8



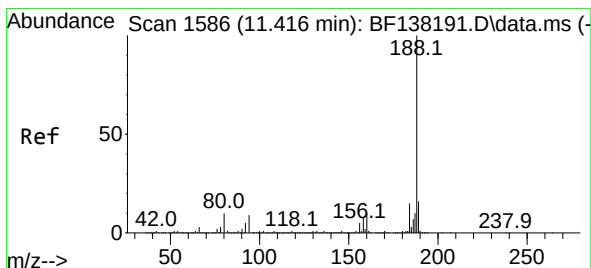
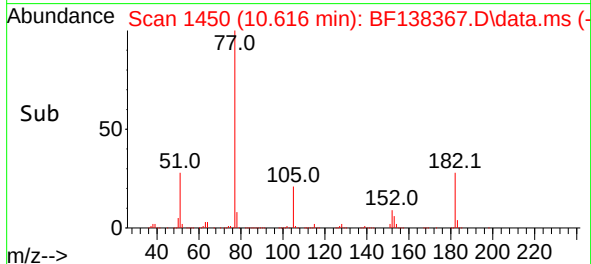
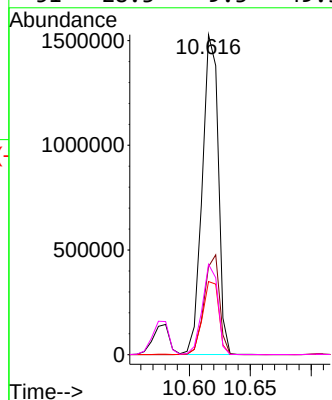
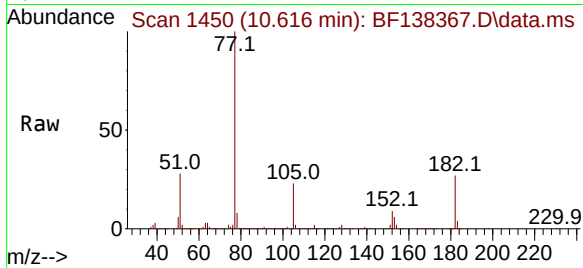


#63
Azobenzene
Concen: 42.492 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

Tgt Ion: 77 Resp: 1394147

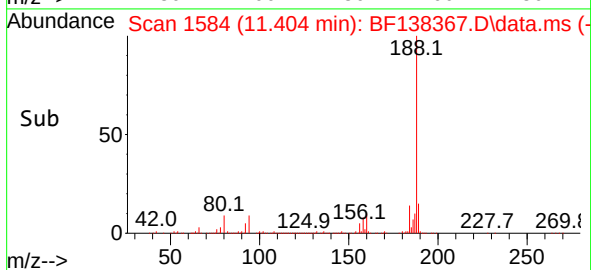
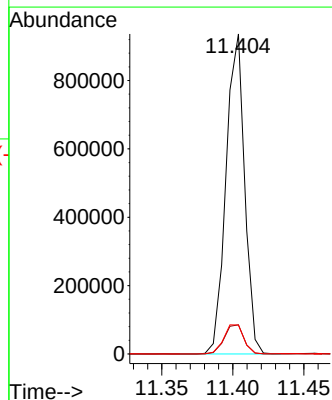
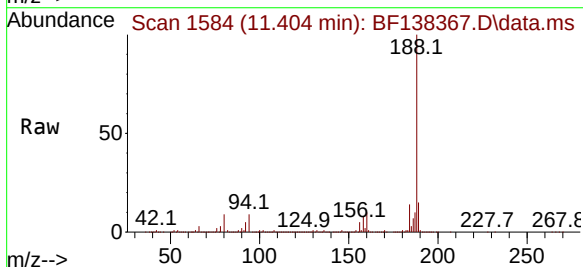
Ion	Ratio	Lower	Upper
77	100		
182	27.5	5.5	45.5
105	22.9	1.8	41.8
51	28.3	9.3	49.3

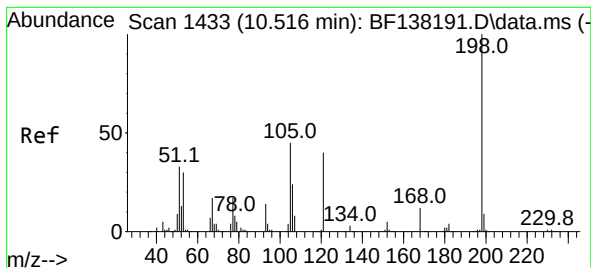


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion: 188 Resp: 850027

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	9.1	8.1	12.1

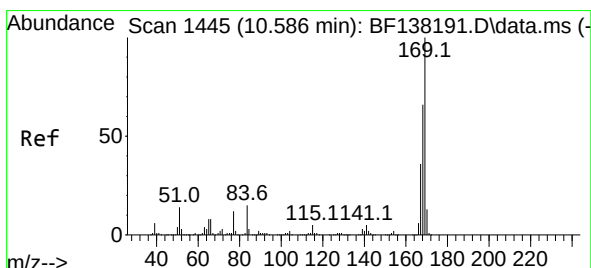
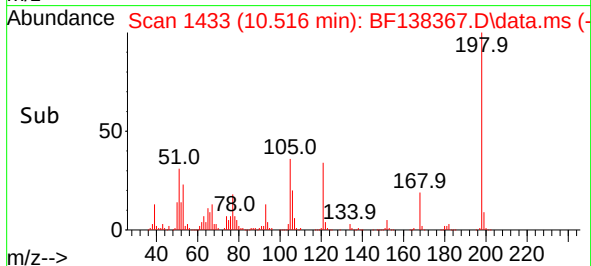
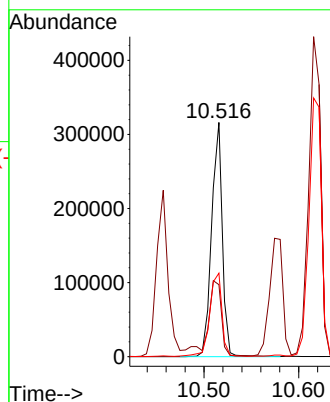
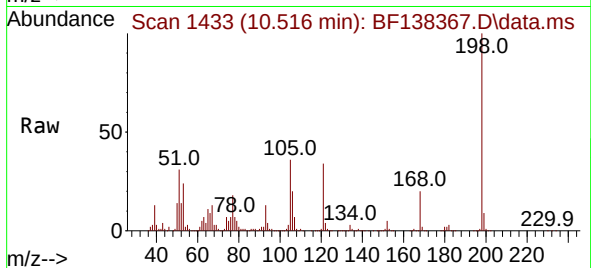




#65
4,6-Dinitro-2-methylphenol
Concen: 55.908 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

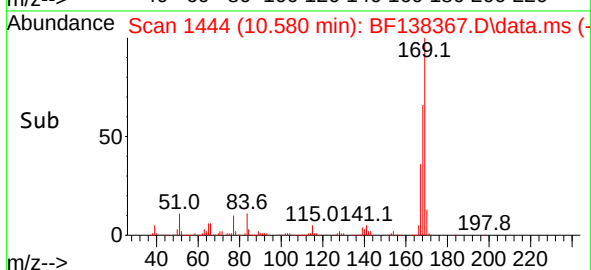
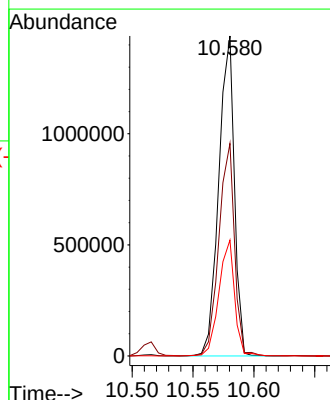
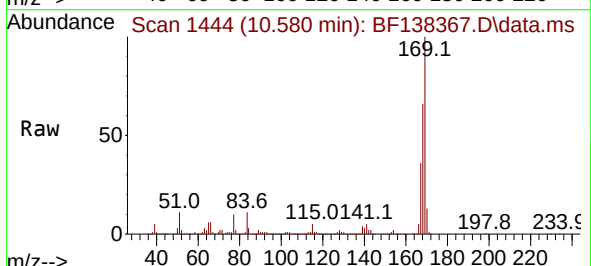
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

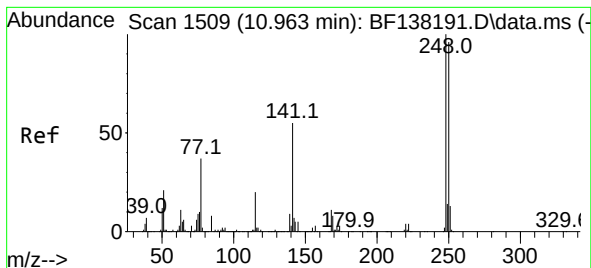
Tgt Ion:198 Resp: 247946
Ion Ratio Lower Upper
198 100
51 30.7 26.9 66.9
105 35.6 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 49.492 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:169 Resp: 1287961
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.2 29.0 43.6

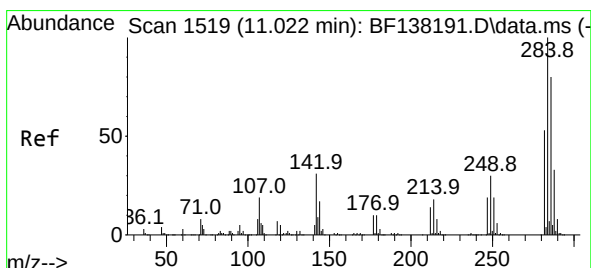
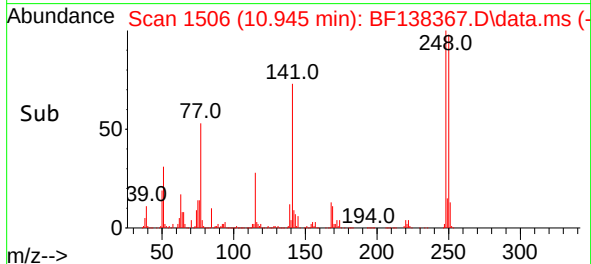
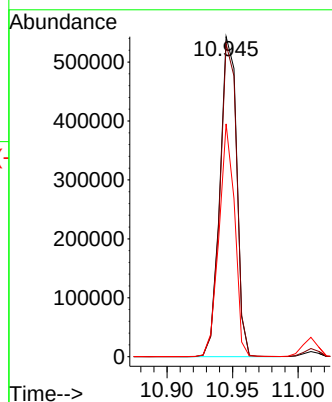
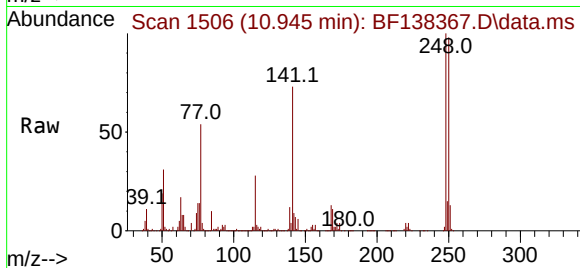




#67
4-Bromophenyl-phenylether
Concen: 50.402 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.018 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

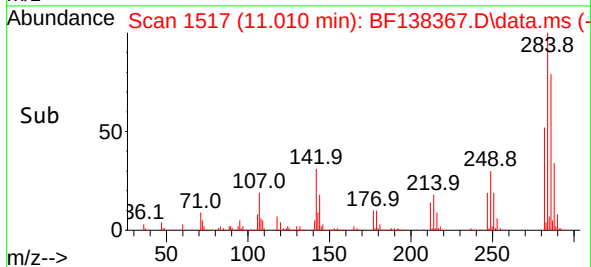
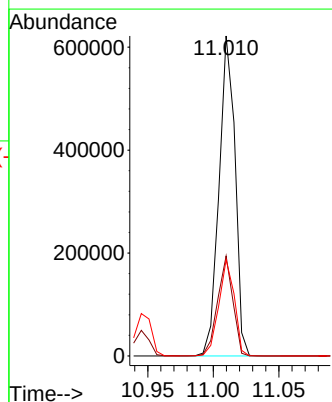
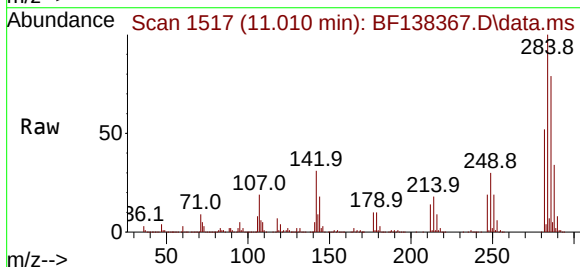
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

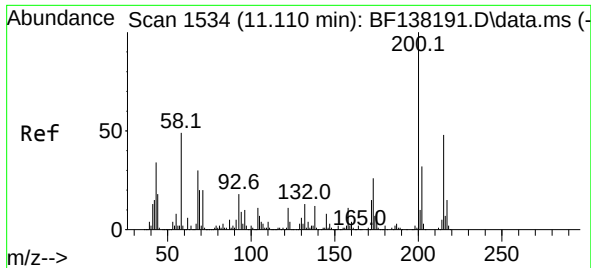
Tgt Ion:248 Resp: 482765
Ion Ratio Lower Upper
248 100
250 97.7 77.2 115.8
141 72.8 44.1 66.1#



#68
Hexachlorobenzene
Concen: 47.093 ng
RT: 11.010 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:284 Resp: 526400
Ion Ratio Lower Upper
284 100
142 31.2 24.8 37.2
249 30.1 23.8 35.6

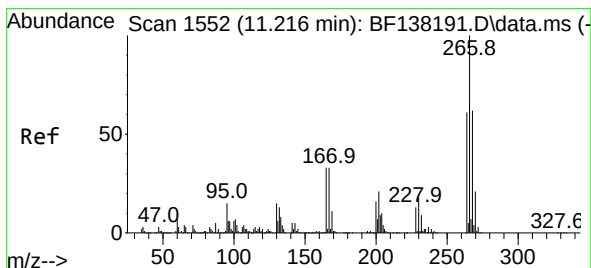
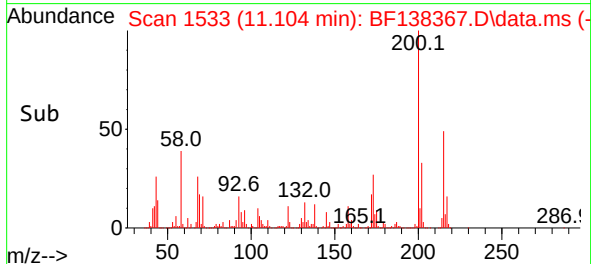
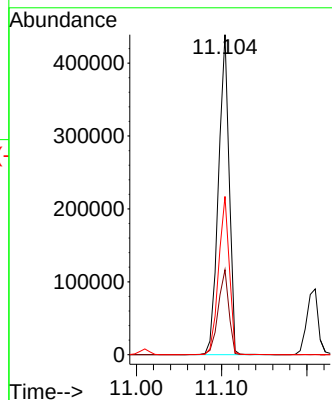
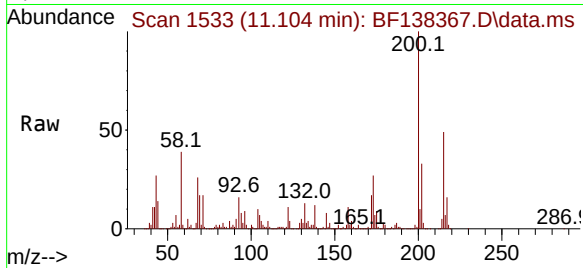




#69
 Atrazine
 Concen: 51.549 ng
 RT: 11.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138367.D
 Acq: 27 Jun 2024 15:36

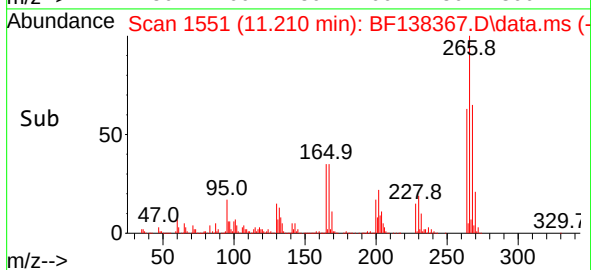
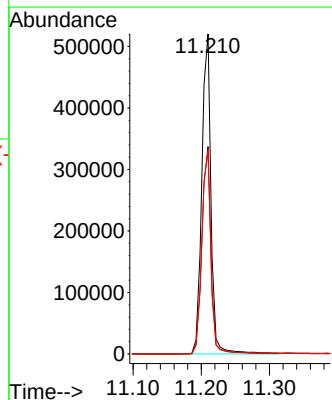
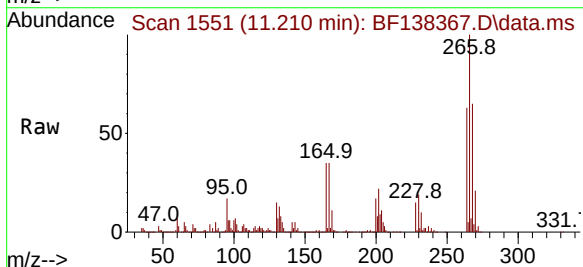
Instrument :
 BNA_F
 ClientSampleId :
 7-S-1MSD

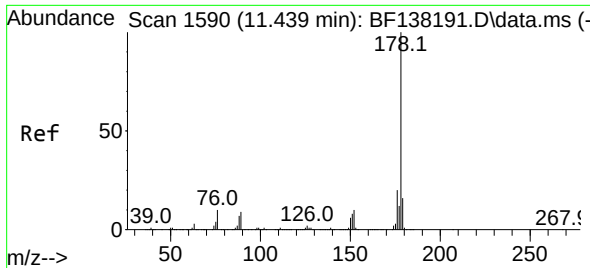
Tgt Ion:200 Resp: 382100
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.3 46.3
 215 49.4 28.0 68.0



#70
 Pentachlorophenol
 Concen: 75.063 ng
 RT: 11.210 min Scan# 1551
 Delta R.T. -0.006 min
 Lab File: BF138367.D
 Acq: 27 Jun 2024 15:36

Tgt Ion:266 Resp: 489341
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.5 74.3
 264 63.4 49.2 73.8

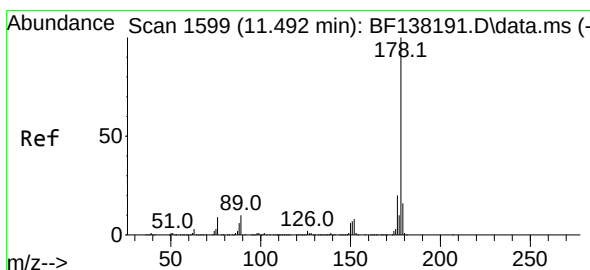
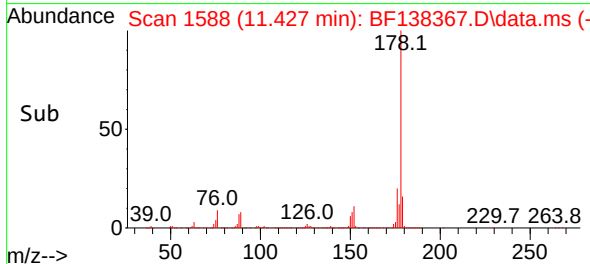
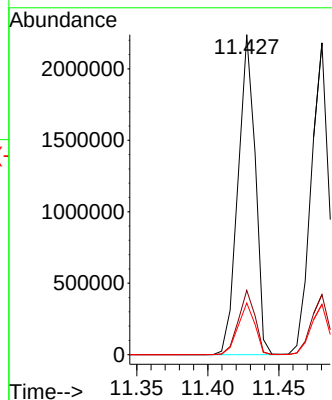
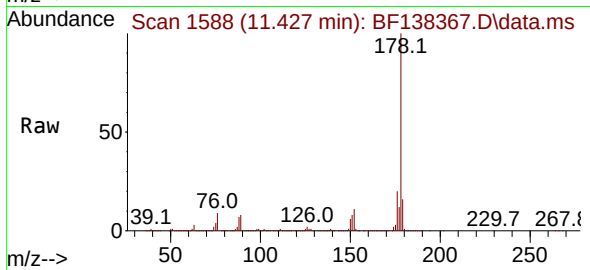




#71
Phenanthrene
Concen: 45.093 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

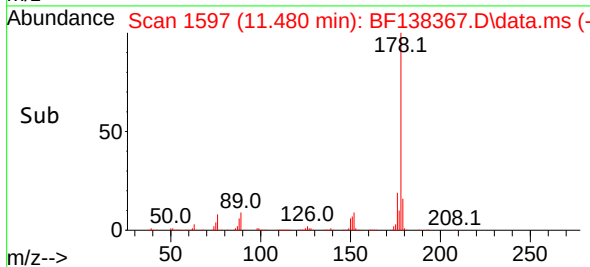
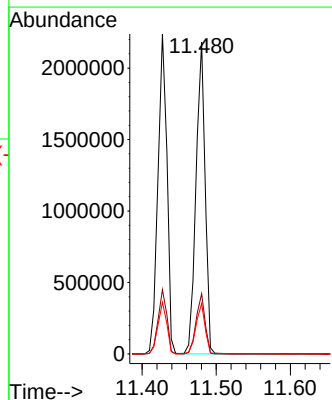
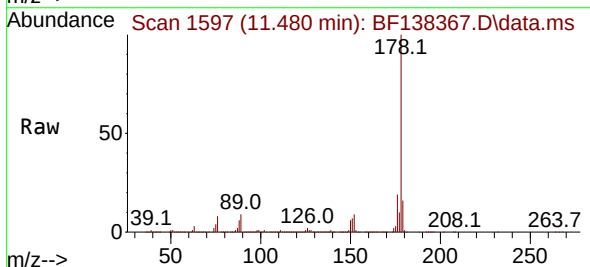
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

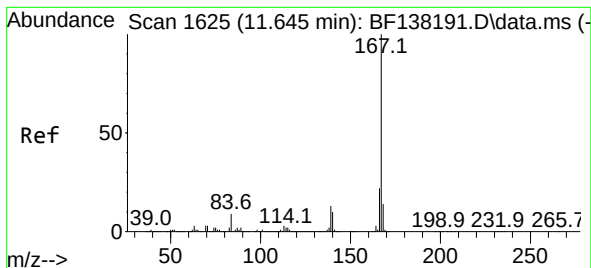
Tgt Ion:178 Resp: 1895585
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 16.2 13.1 19.7



#72
Anthracene
Concen: 44.775 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:178 Resp: 1868743
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 16.2 13.0 19.6





#73

Carbazole

Concen: 39.222 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

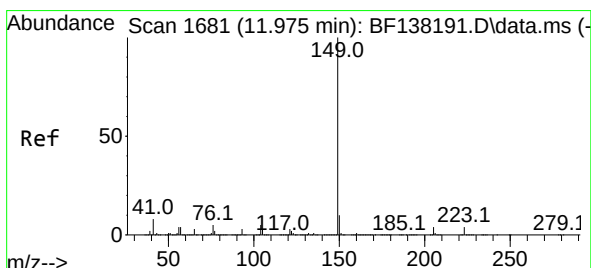
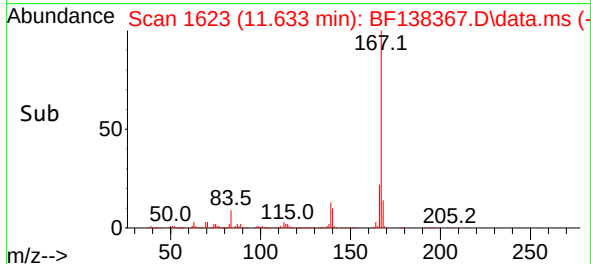
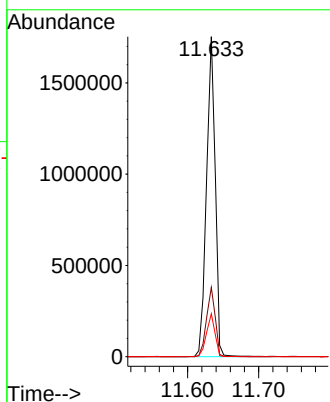
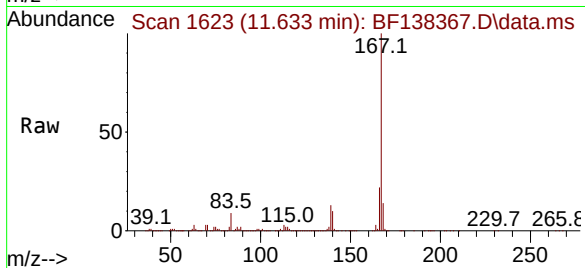
Tgt Ion:167 Resp: 1501438

Ion Ratio Lower Upper

167 100

166 21.6 18.0 27.0

139 13.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 50.040 ng

RT: 11.963 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

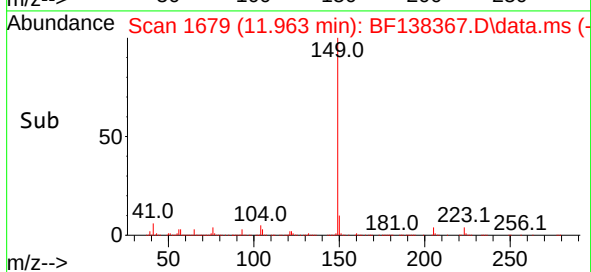
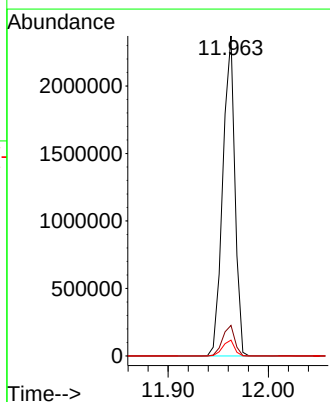
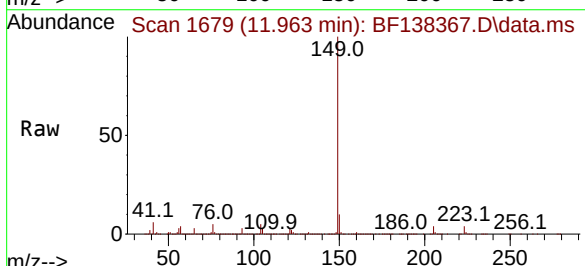
Tgt Ion:149 Resp: 1983056

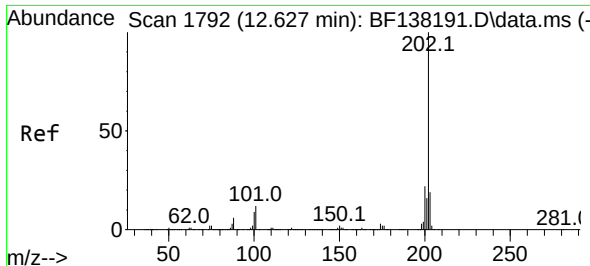
Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

104 4.9 4.1 6.1

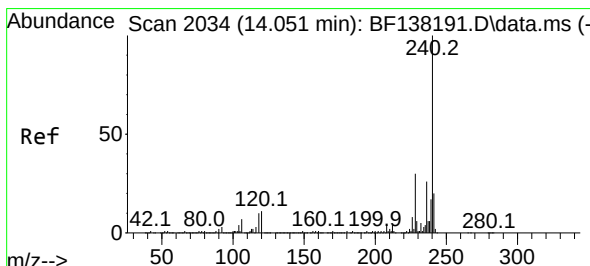
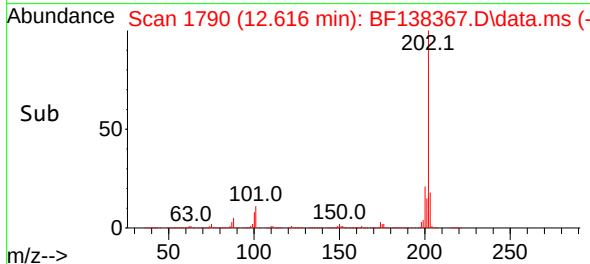
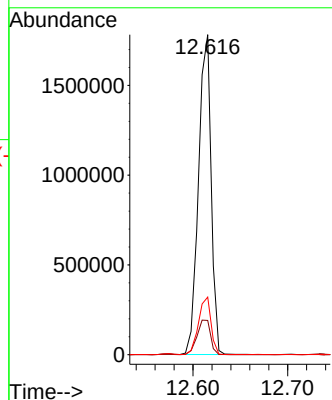
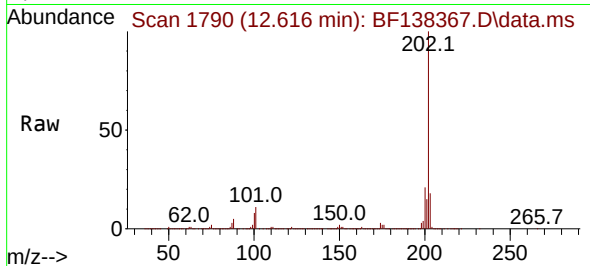




#75
Fluoranthene
Concen: 38.645 ng
RT: 12.616 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

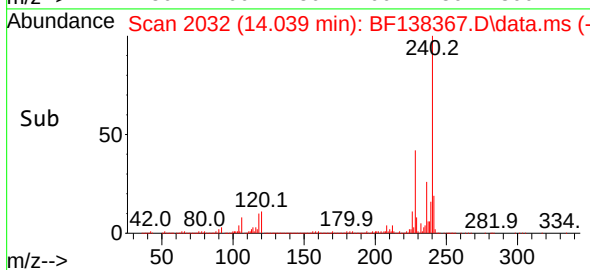
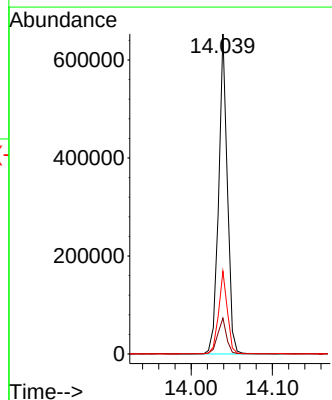
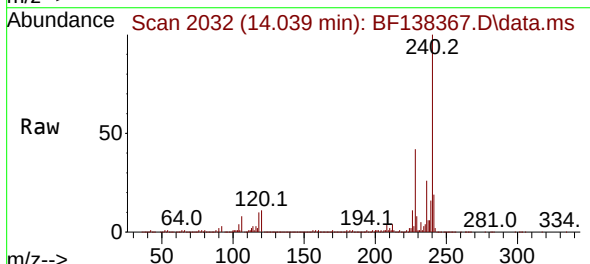
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

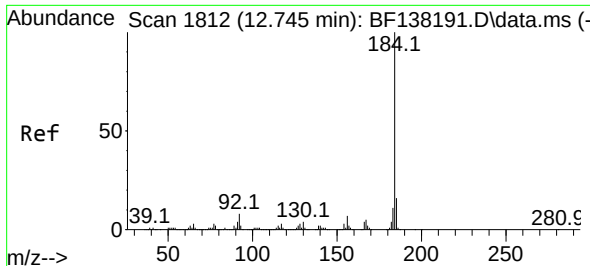
Tgt Ion:202 Resp: 1656559
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 18.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:240 Resp: 487670
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.9 21.0 31.6

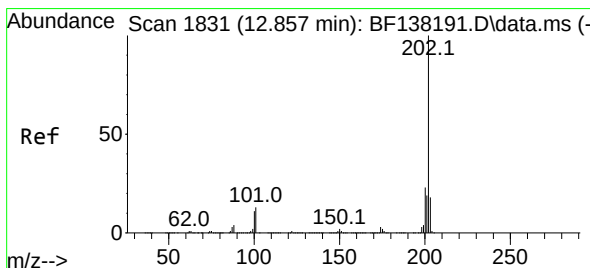
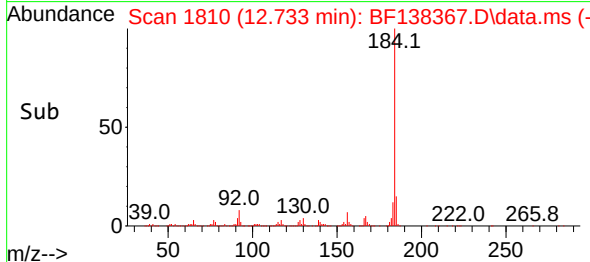
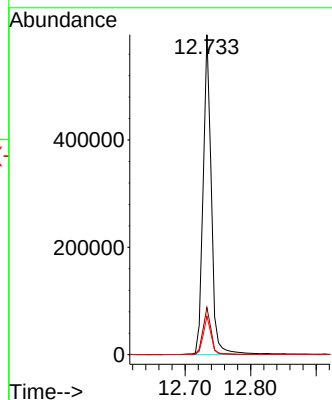
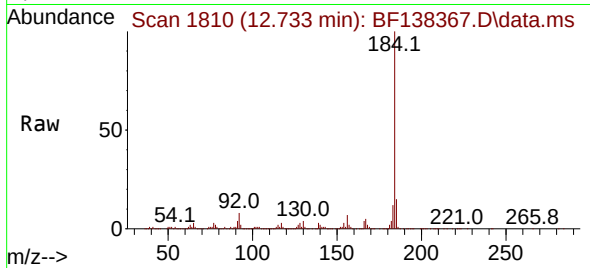




#77
Benzidine
Concen: 92.245 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

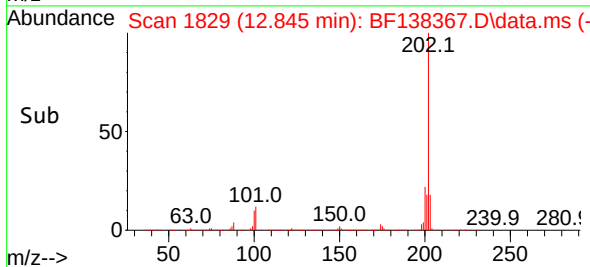
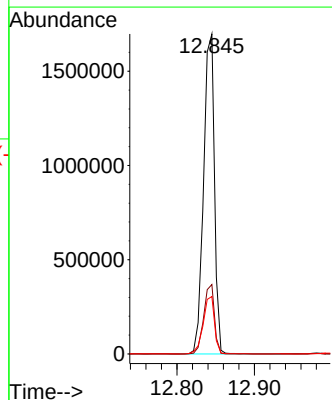
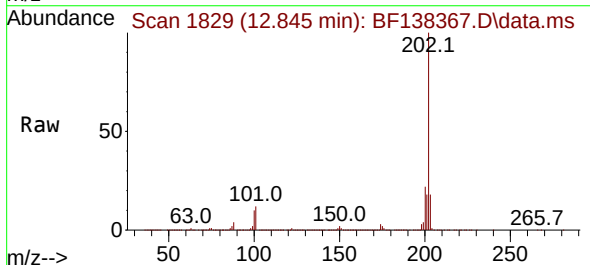
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

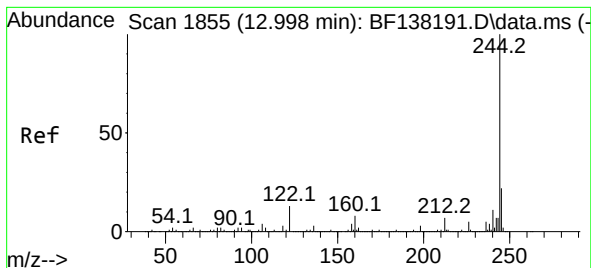
Tgt Ion:184 Resp: 520332
Ion Ratio Lower Upper
184 100
185 14.7 12.6 19.0
183 12.0 9.0 13.6



#78
Pyrene
Concen: 39.301 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:202 Resp: 1653155
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 18.0 14.7 22.1





#79

Terphenyl-d14

Concen: 43.337 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

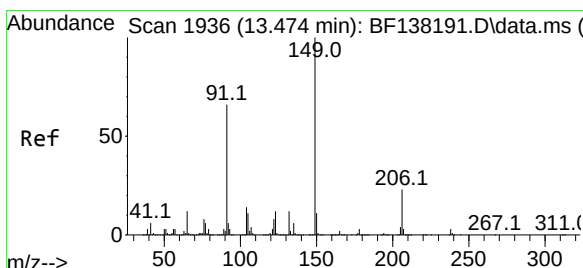
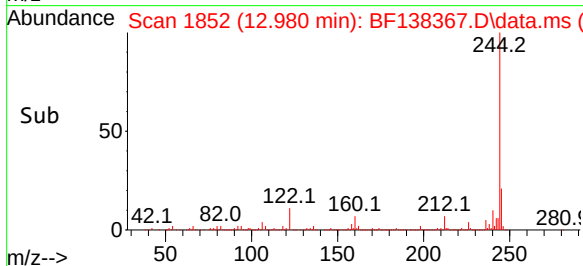
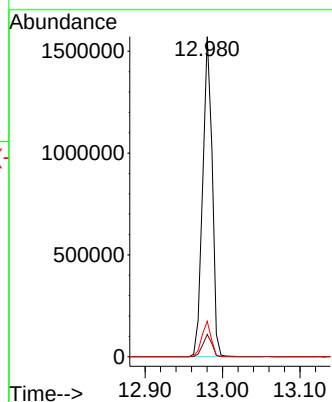
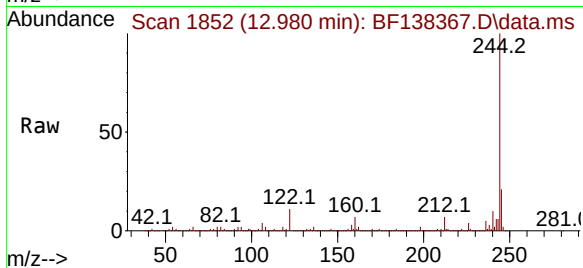
Tgt Ion:244 Resp: 1334384

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.0 10.6 15.8



#80

Butylbenzylphthalate

Concen: 56.531 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.018 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

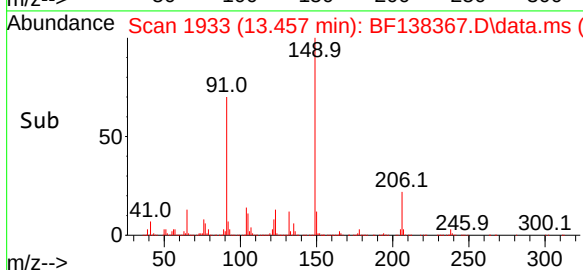
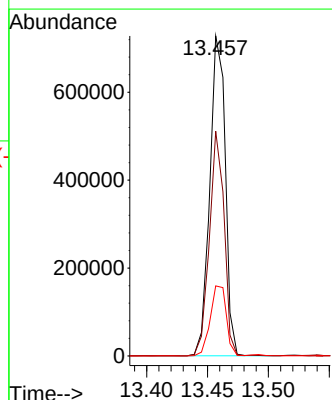
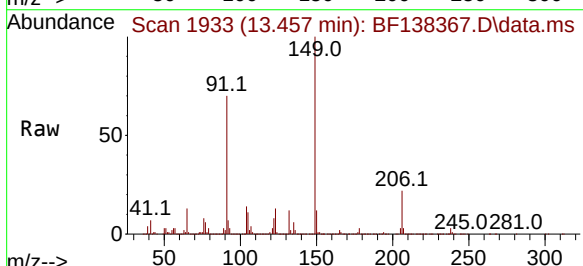
Tgt Ion:149 Resp: 646816

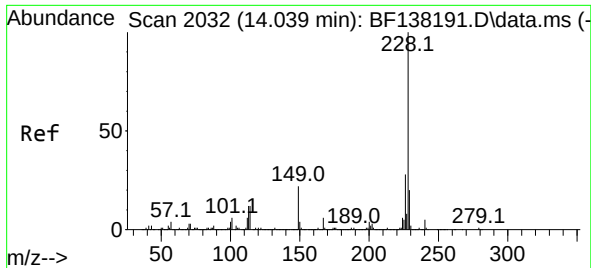
Ion Ratio Lower Upper

149 100

91 70.3 53.2 79.8

206 21.9 18.6 27.8

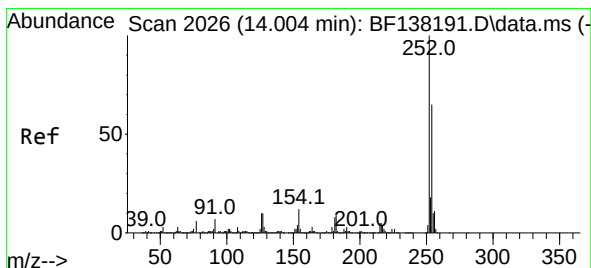
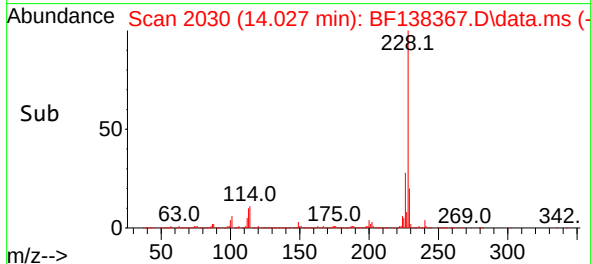
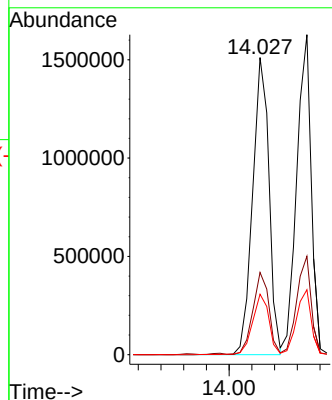
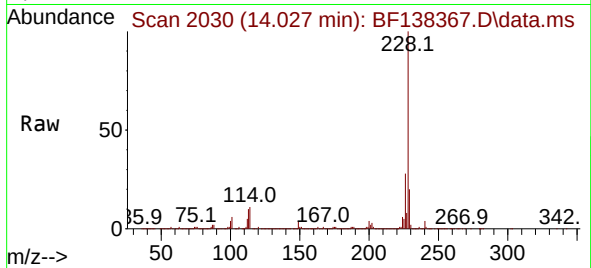




#81
Benzo(a)anthracene
Concen: 48.265 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

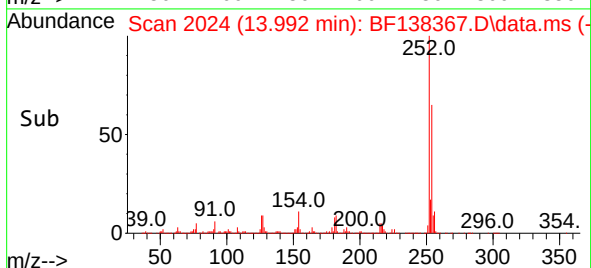
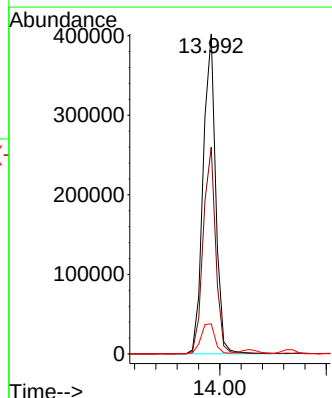
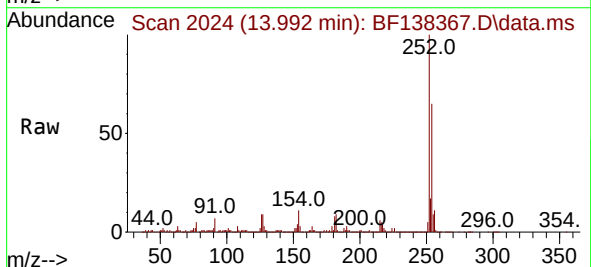
Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

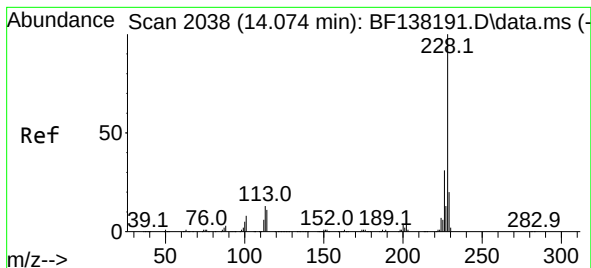
Tgt Ion:228 Resp: 1510032
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 38.380 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:252 Resp: 330671
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 9.4 8.3 12.5





#83

Chrysene

Concen: 48.436 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

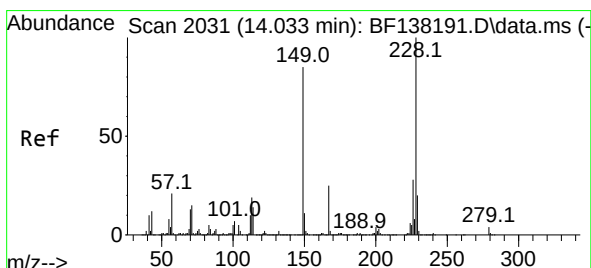
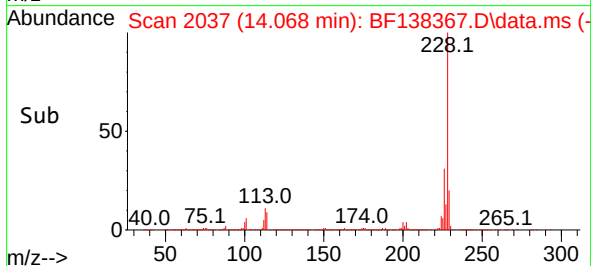
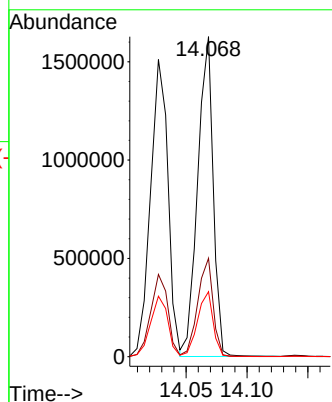
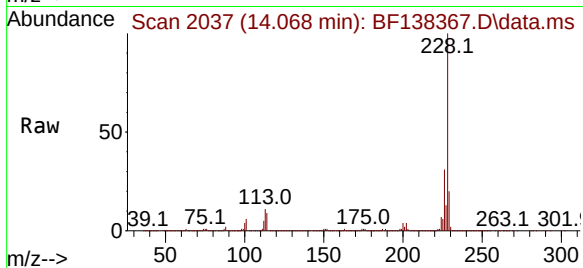
Tgt Ion:228 Resp: 1444435

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.512 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.018 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

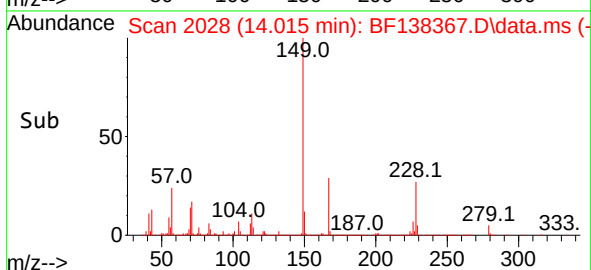
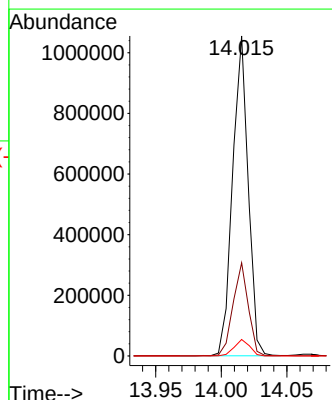
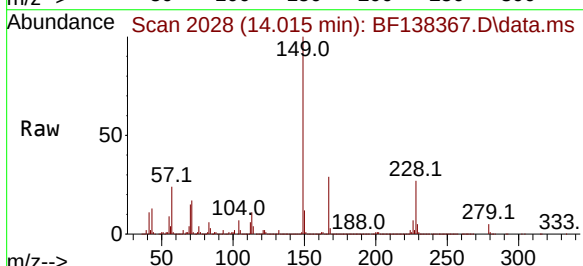
Tgt Ion:149 Resp: 871806

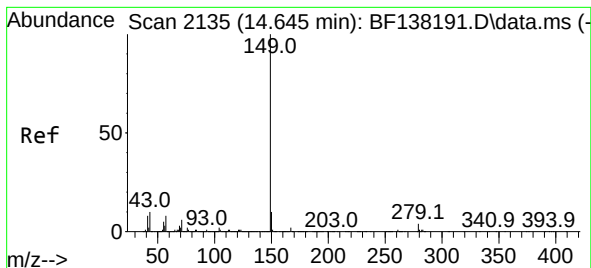
Ion Ratio Lower Upper

149 100

167 29.1 23.5 35.3

279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 81.430 ng

RT: 14.627 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

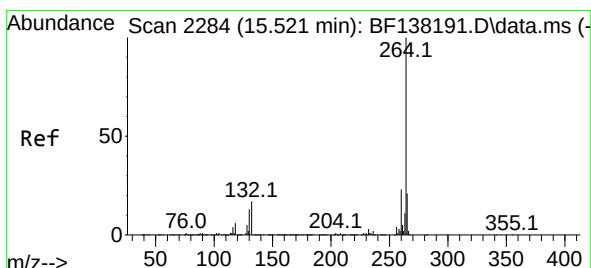
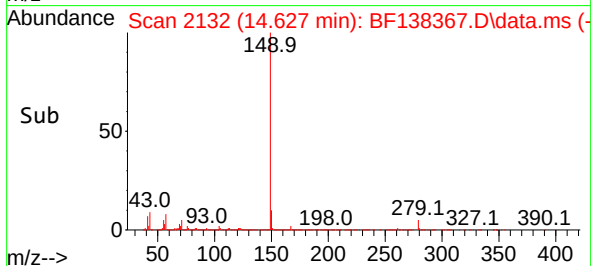
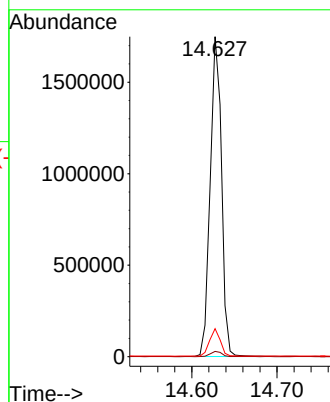
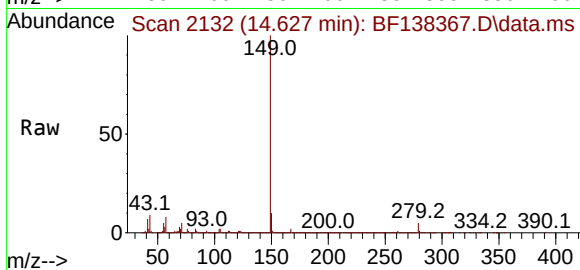
Tgt Ion:149 Resp: 1609853

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

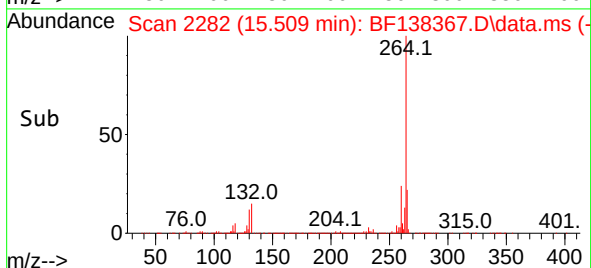
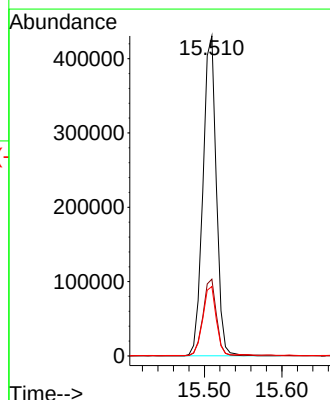
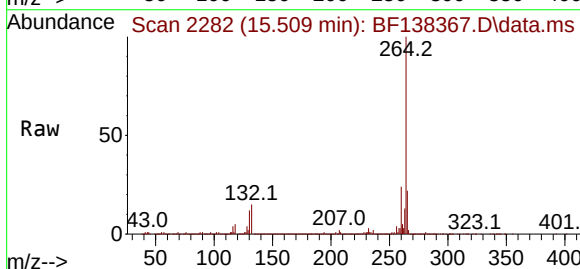
Tgt Ion:264 Resp: 516006

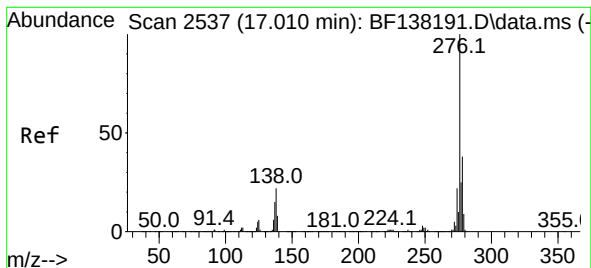
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.609 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

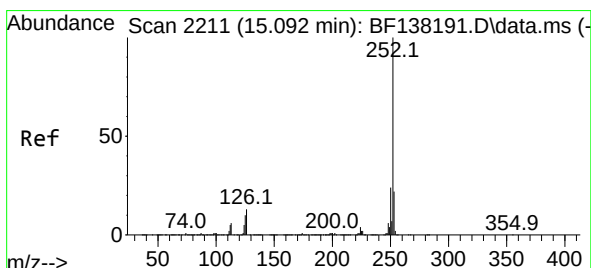
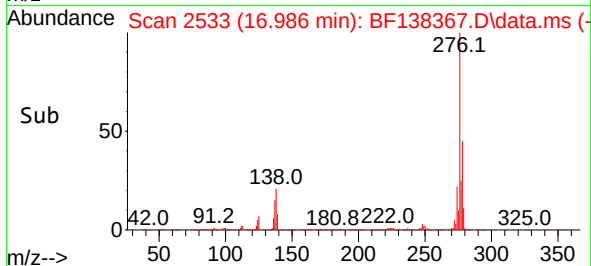
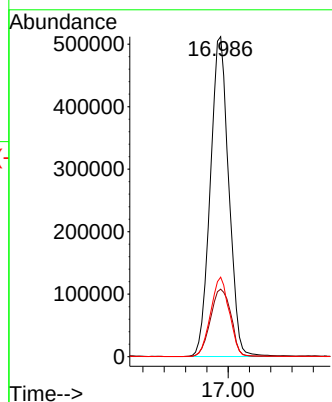
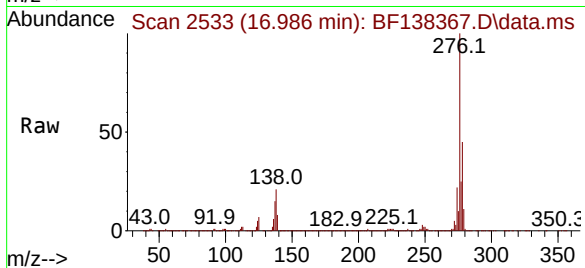
Tgt Ion:276 Resp: 1231483

Ion Ratio Lower Upper

276 100

138 23.6 19.3 28.9

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.855 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

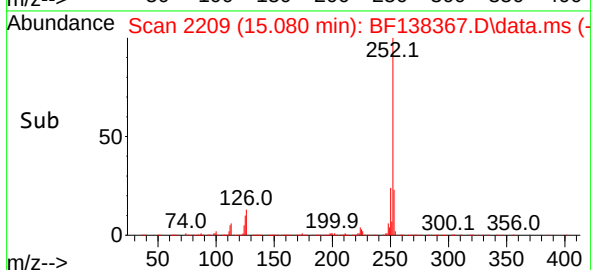
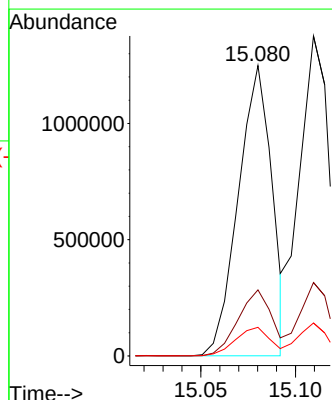
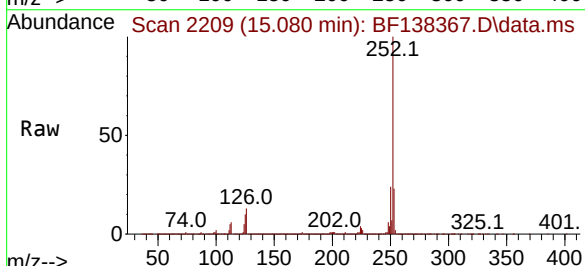
Tgt Ion:252 Resp: 1547486

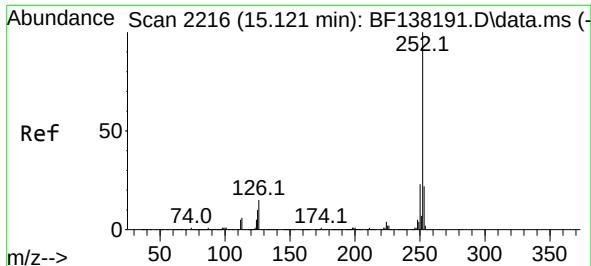
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 9.8 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 50.086 ng

RT: 15.110 min Scan# 2216

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

7-S-1MSD

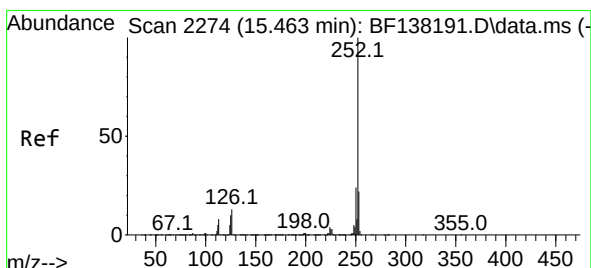
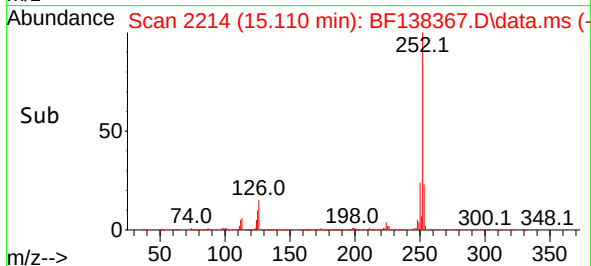
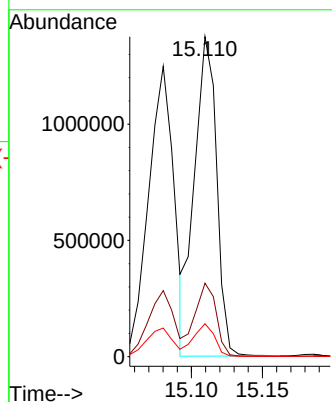
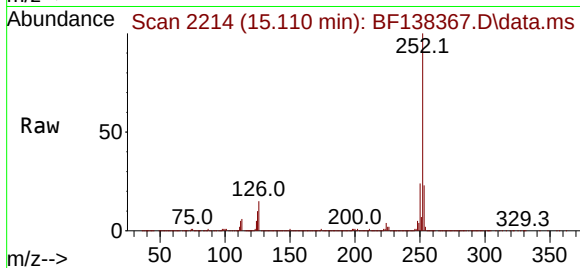
Tgt Ion:252 Resp: 1493654

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 10.3 8.0 12.0



#90

Benzo(a)pyrene

Concen: 51.448 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138367.D

Acq: 27 Jun 2024 15:36

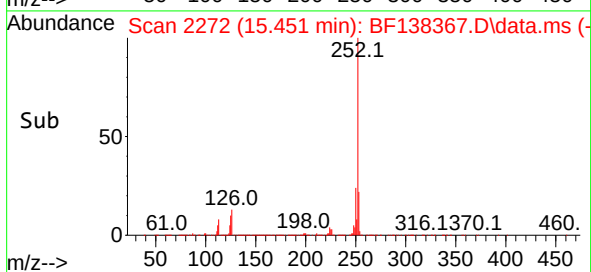
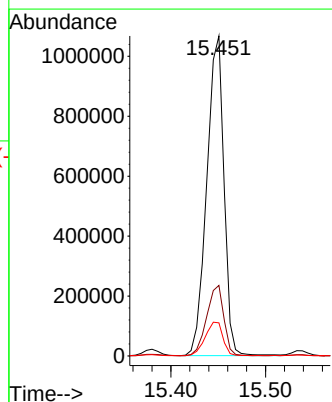
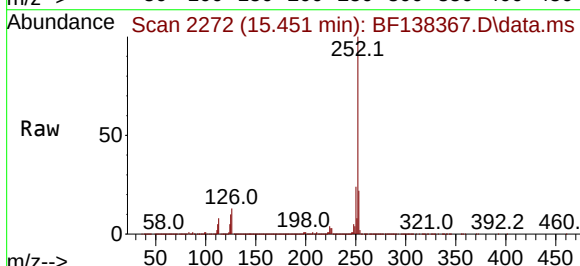
Tgt Ion:252 Resp: 1344956

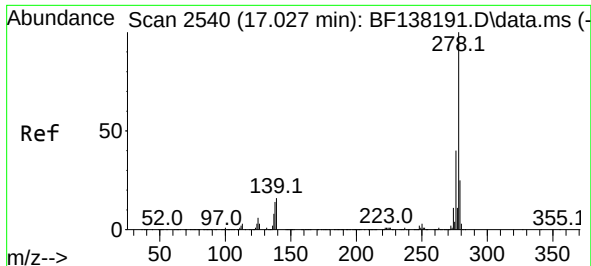
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.3 8.2 12.2

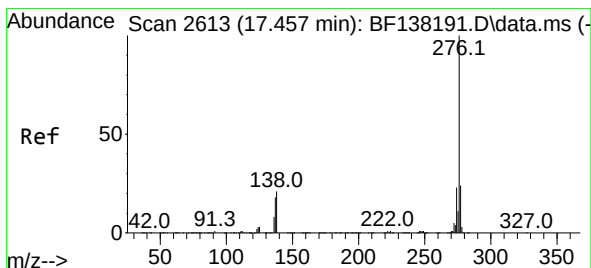
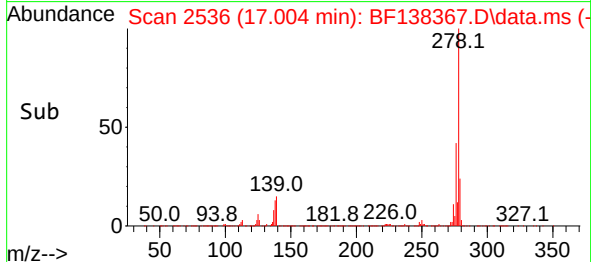
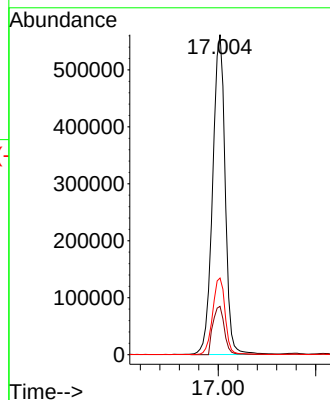
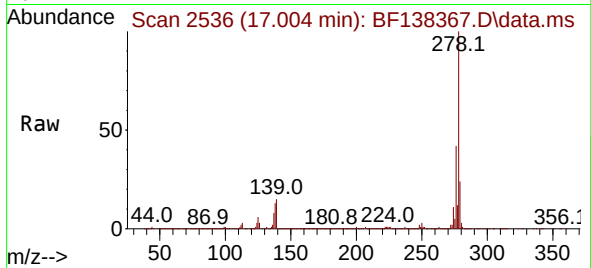




#91
Dibenzo(a,h)anthracene
Concen: 36.133 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Instrument :
BNA_F
ClientSampleId :
7-S-1MSD

Tgt Ion:278 Resp: 997659
Ion Ratio Lower Upper
278 100
139 15.1 12.9 19.3
279 24.0 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 32.057 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.024 min
Lab File: BF138367.D
Acq: 27 Jun 2024 15:36

Tgt Ion:276 Resp: 915662
Ion Ratio Lower Upper
276 100
277 23.5 19.5 29.3
138 19.9 16.6 24.8

