

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138028.D
 Acq On : 23 May 2024 15:30
 Operator : CG\JU
 Sample : P2556-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

Quant Time: May 23 16:24:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	141708	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	559038	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	312465	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	490046	20.000	ng	0.00
76) Chrysene-d12	14.233	240	268822	20.000	ng	0.00
86) Perylene-d12	15.792	264	305622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1067694	127.984	ng	0.02
7) Phenol-d6	6.663	99	1245560	121.204	ng	0.00
23) Nitrobenzene-d5	7.604	82	849878	89.467	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	461260	146.405	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1838811	90.650	ng	0.00
79) Terphenyl-d14	13.168	244	1607591	88.135	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	138126	38.220	ng	# 86
3) Pyridine	3.845	79	317277	39.126	ng	98
4) n-Nitrosodimethylamine	3.793	42	168322	47.052	ng	98
6) Aniline	6.704	93	280944m	30.565	ng	
8) 2-Chlorophenol	6.822	128	439837	48.718	ng	99
9) Benzaldehyde	6.592	77	42540	7.651	ng	97
10) Phenol	6.675	94	462832	44.620	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	386781	48.564	ng	99
12) 1,3-Dichlorobenzene	6.981	146	458412	43.886	ng	100
13) 1,4-Dichlorobenzene	7.057	146	465385	44.386	ng	100
14) 1,2-Dichlorobenzene	7.204	146	443327	44.926	ng	98
15) Benzyl Alcohol	7.181	79	369780	53.887	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	478470	48.873	ng	98
17) 2-Methylphenol	7.281	107	344651	47.869	ng	99
18) Hexachloroethane	7.551	117	158394	44.643	ng	94
19) n-Nitroso-di-n-propyla...	7.445	70	290496	50.315	ng	100
20) 3+4-Methylphenols	7.433	107	448658	47.566	ng	# 88
22) Acetophenone	7.445	105	602221	48.088	ng	98
24) Nitrobenzene	7.622	77	441545	45.819	ng	100
25) Isophorone	7.857	82	807466	48.977	ng	96
26) 2-Nitrophenol	7.933	139	242445	50.070	ng	99
27) 2,4-Dimethylphenol	7.957	122	326601	52.389	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	492201	49.259	ng	99
29) 2,4-Dichlorophenol	8.175	162	392156	50.024	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	399118	45.598	ng	100
31) Naphthalene	8.345	128	1296507	46.125	ng	100
32) Benzoic acid	8.098	122	322170	61.134	ng	98
33) 4-Chloroaniline	8.386	127	122425	13.286	ng	96
34) Hexachlorobutadiene	8.451	225	243208	43.899	ng	99
35) Caprolactam	8.775	113	112710m	49.625	ng	
36) 4-Chloro-3-methylphenol	8.869	107	397507	49.846	ng	98
37) 2-Methylnaphthalene	9.033	142	868876	48.089	ng	98
38) 1-Methylnaphthalene	9.133	142	814185	45.836	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	419234	49.352	ng	99
41) Hexachlorocyclopentadiene	9.186	237	375393	116.300	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	289630	52.001	ng	99

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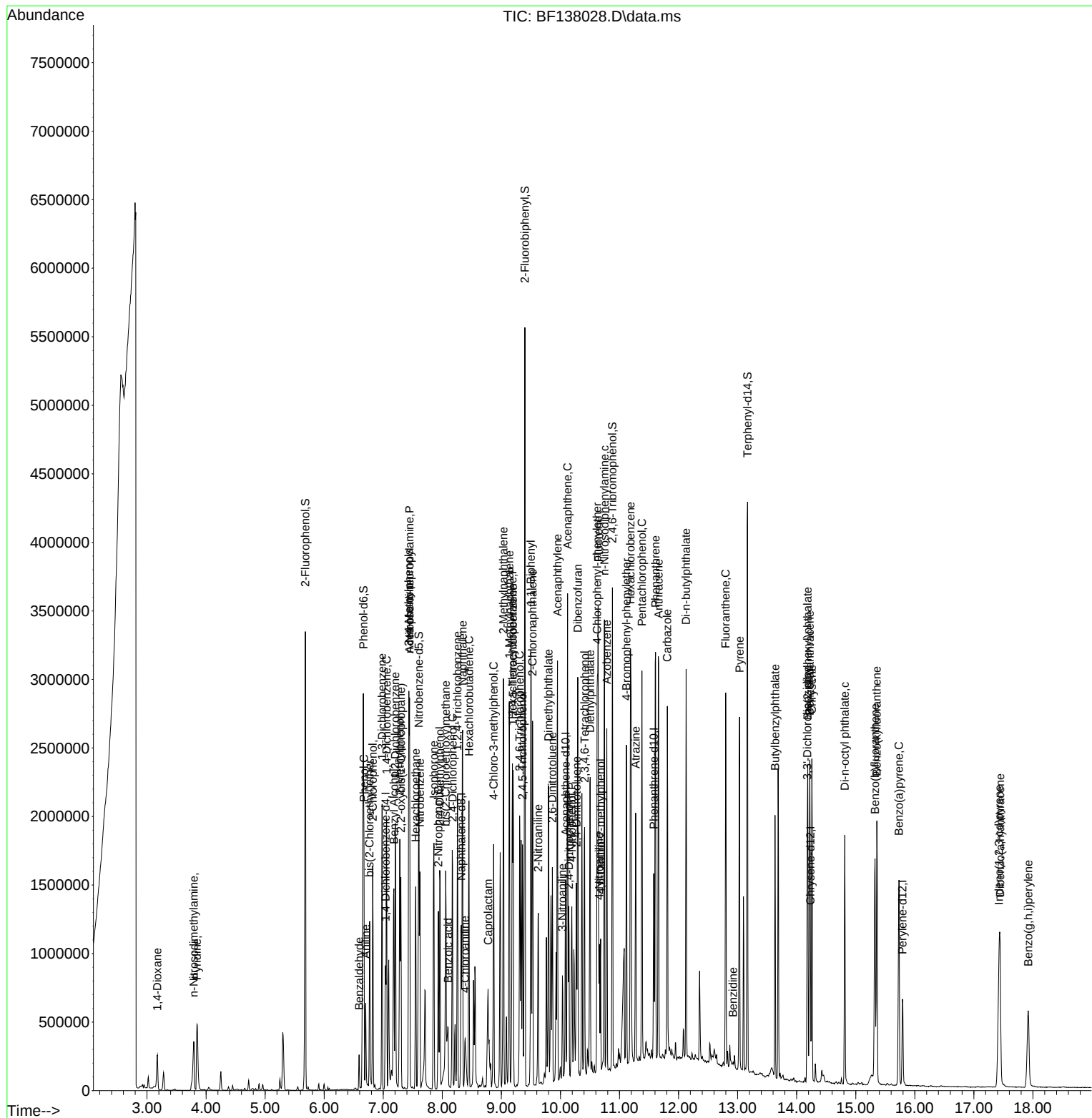
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	306266	50.255	ng	94
46) 1,1'-Biphenyl	9.498	154	1083254	49.428	ng	99
47) 2-Chloronaphthalene	9.527	162	828546	47.360	ng	98
48) 2-Nitroaniline	9.622	65	225110	50.248	ng	99
49) Acenaphthylene	9.951	152	1299973	51.678	ng	99
50) Dimethylphthalate	9.798	163	1012709	51.685	ng	99
51) 2,6-Dinitrotoluene	9.863	165	223474	49.693	ng	98
52) Acenaphthene	10.121	154	854903	51.419	ng	99
53) 3-Nitroaniline	10.033	138	137048	31.173	ng	99
54) 2,4-Dinitrophenol	10.145	184	195775	80.531	ng #	76
55) Dibenzofuran	10.292	168	1184162	48.939	ng	100
56) 4-Nitrophenol	10.192	139	300314	95.108	ng	95
57) 2,4-Dinitrotoluene	10.274	165	296426	50.987	ng	97
58) Fluorene	10.639	166	919486	48.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	249476	52.109	ng	97
60) Diethylphthalate	10.504	149	945726	51.680	ng	99
61) 4-Chlorophenyl-phenyle...	10.621	204	466771	49.455	ng	99
62) 4-Nitroaniline	10.657	138	195765	46.948	ng	100
63) Azobenzene	10.786	77	835147	50.173	ng	100
65) 4,6-Dinitro-2-methylph...	10.680	198	143690	50.782	ng	98
66) n-Nitrosodiphenylamine	10.745	169	797185	53.046	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	285795	53.198	ng	99
68) Hexachlorobenzene	11.186	284	297677	50.127	ng	98
69) Atrazine	11.274	200	249186	60.722	ng	99
70) Pentachlorophenol	11.380	266	356021	102.347	ng	99
71) Phenanthrene	11.610	178	1206144	49.946	ng	99
72) Anthracene	11.663	178	1234313	51.515	ng	99
73) Carbazole	11.810	167	1018730	46.544	ng	99
74) Di-n-butylphthalate	12.127	149	1328050	54.674	ng	100
75) Fluoranthene	12.798	202	1071502	43.714	ng	99
77) Benzidine	12.921	184	12851	3.658	ng #	86
78) Pyrene	13.033	202	1041798	44.309	ng	100
80) Butylbenzylphthalate	13.633	149	416822	58.774	ng	98
81) Benzo(a)anthracene	14.221	228	885568	52.070	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	186919	39.658	ng	98
83) Chrysene	14.257	228	831354	51.112	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	557293	62.512	ng	99
85) Di-n-octyl phthalate	14.815	149	923325	76.665	ng	100
87) Indeno(1,2,3-cd)pyrene	17.427	276	761703	38.792	ng	99
88) Benzo(b)fluoranthene	15.327	252	879091	49.678	ng	99
89) Benzo(k)fluoranthene	15.356	252	879430	50.588	ng	99
90) Benzo(a)pyrene	15.733	252	817137	54.078	ng	99
91) Dibenzo(a,h)anthracene	17.445	278	628890	38.765	ng	97
92) Benzo(g,h,i)perylene	17.921	276	529659	31.079	ng	98

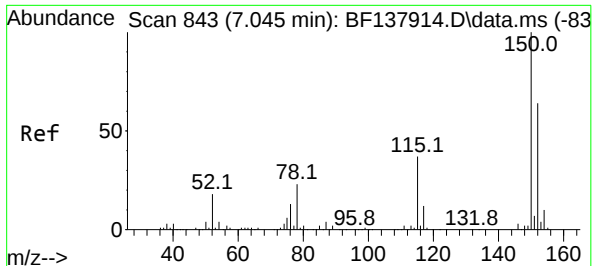
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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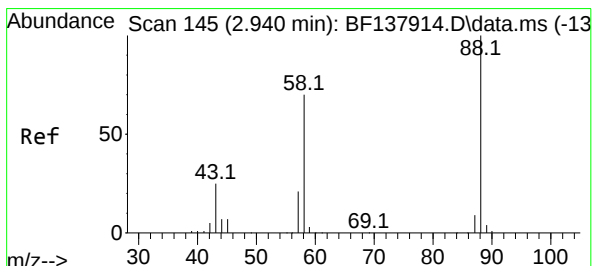
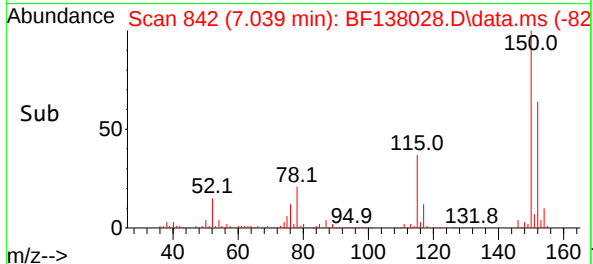
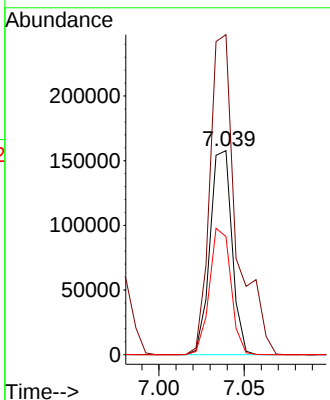
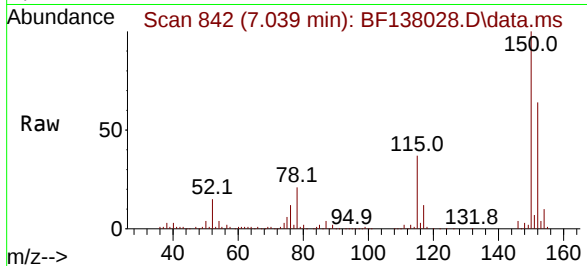




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

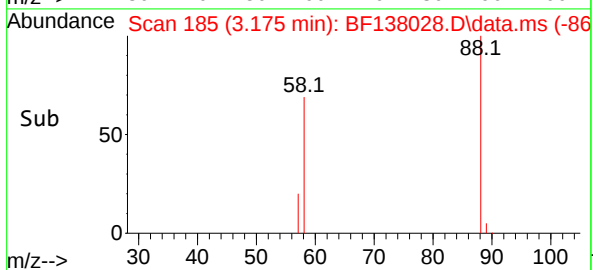
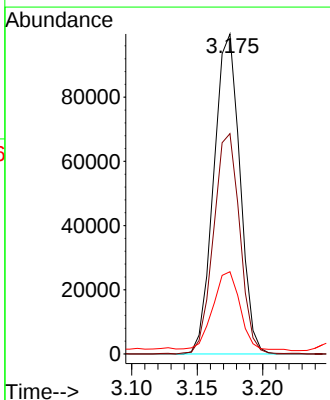
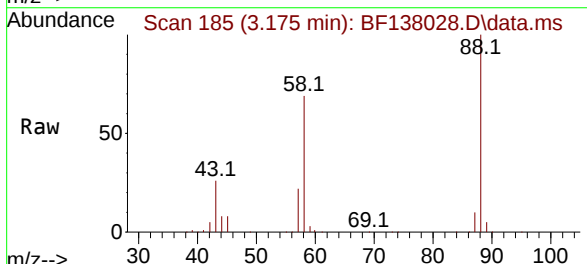
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BNA_F
ClientSampleId :
COMP-1MS

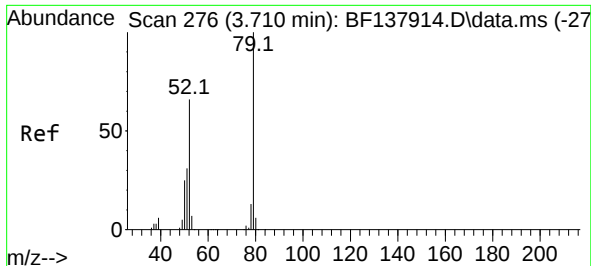
Tgt Ion:152 Resp: 141708
Ion Ratio Lower Upper
152 100
150 156.9 125.7 188.5
115 57.9 47.0 70.6



#2
1,4-Dioxane
Concen: 38.220 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.235 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion: 88 Resp: 138126
Ion Ratio Lower Upper
88 100
58 69.2 54.4 81.6
43 0.0 19.6 29.4#





#3

Pyridine

Concen: 39.126 ng

RT: 3.845 min Scan# 290

Delta R.T. 0.135 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

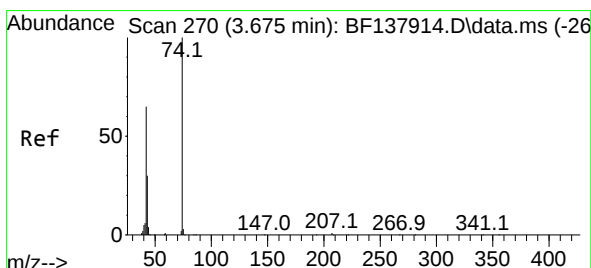
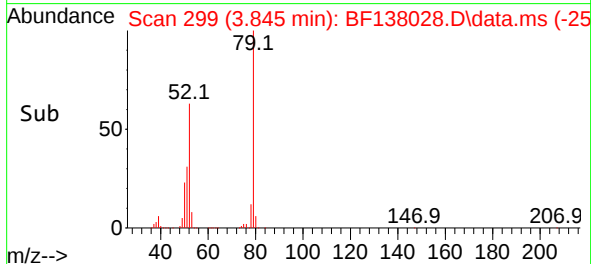
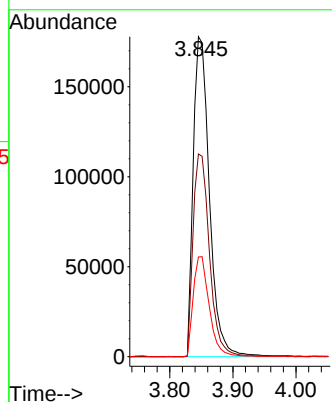
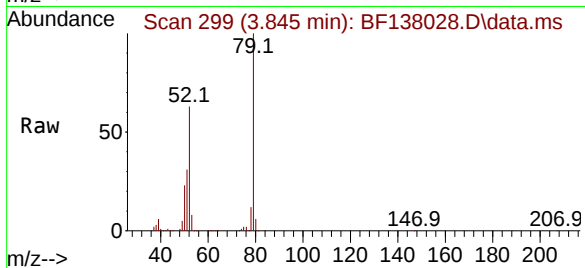
Tgt Ion: 79 Resp: 317277

Ion Ratio Lower Upper

79 100

52 63.3 52.5 78.7

51 31.2 25.1 37.7



#4

n-Nitrosodimethylamine

Concen: 47.052 ng

RT: 3.793 min Scan# 290

Delta R.T. 0.118 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

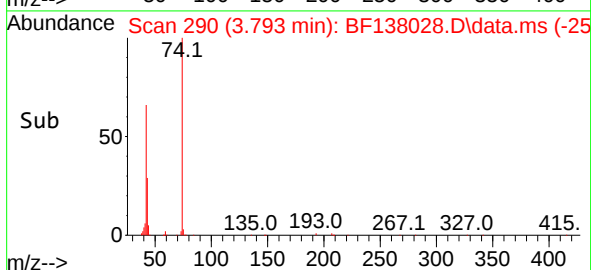
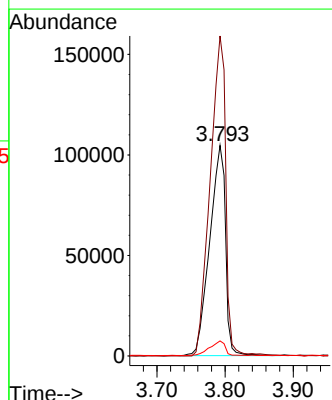
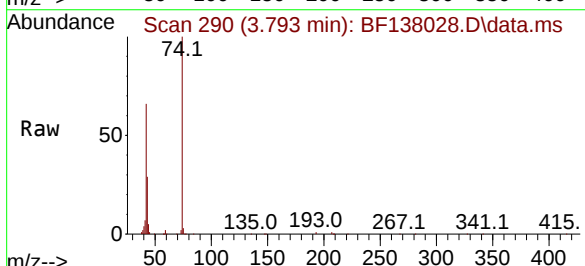
Tgt Ion: 42 Resp: 168322

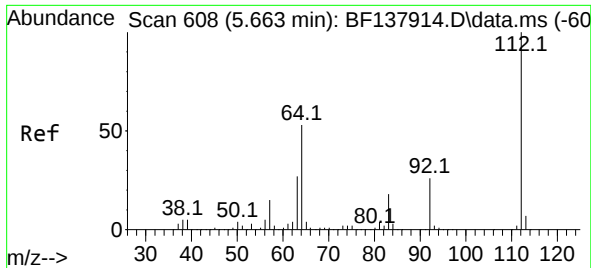
Ion Ratio Lower Upper

42 100

74 152.0 123.1 184.7

44 7.2 5.0 7.6

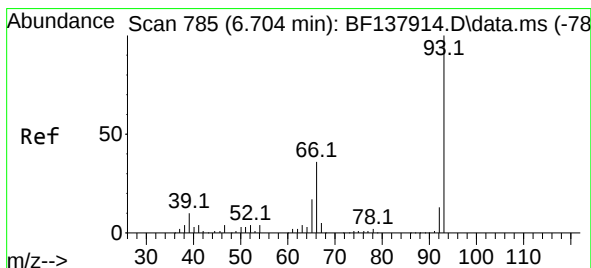
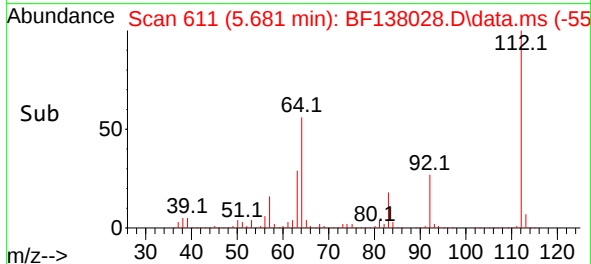
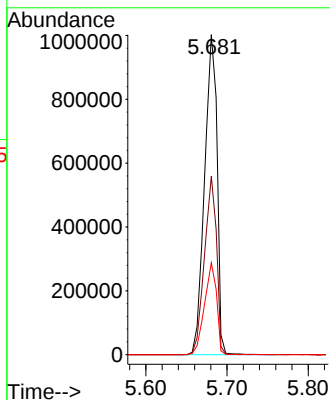
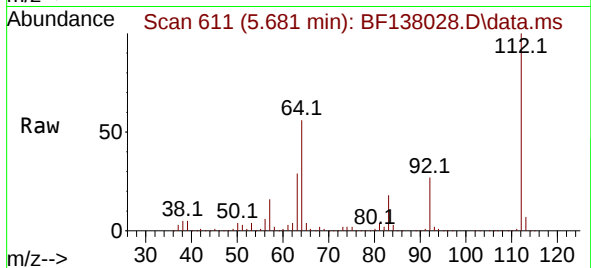




#5
2-Fluorophenol
Concen: 127.984 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

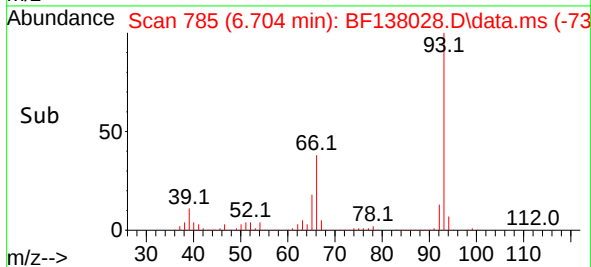
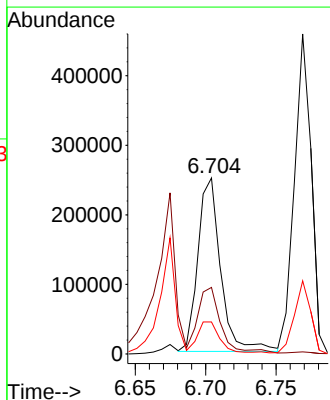
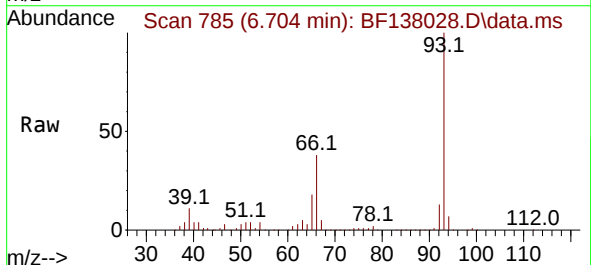
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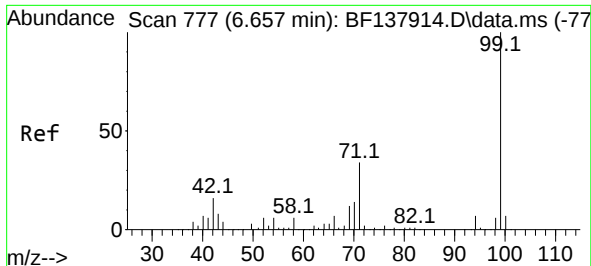
Tgt Ion:112 Resp: 1067694
Ion Ratio Lower Upper
112 100
64 55.8 42.4 63.6
63 28.7 21.4 32.2



#6
Aniline
Concen: 30.565 ng m
RT: 6.704 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion: 93 Resp: 280944
Ion Ratio Lower Upper
93 100
66 37.9 30.7 46.1
65 18.2 15.0 22.4

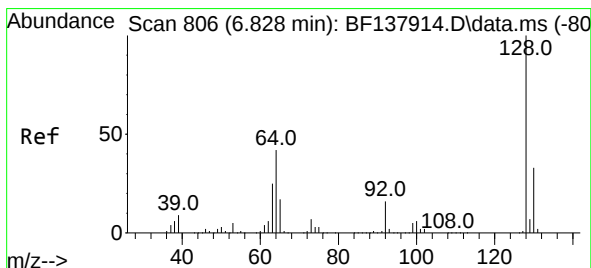
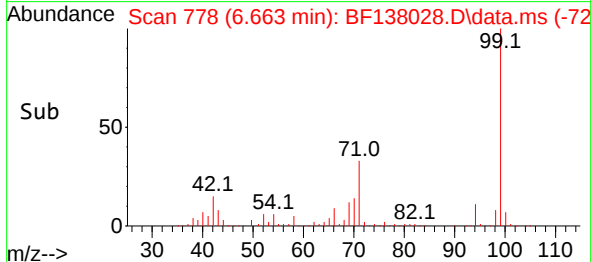
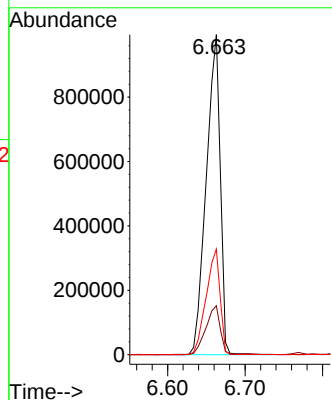
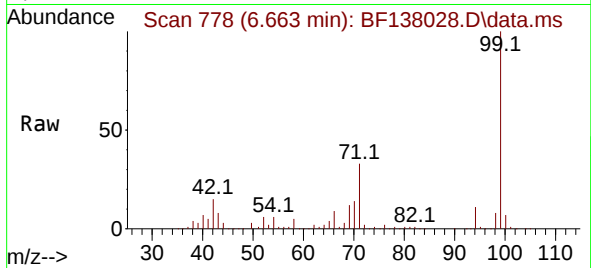




#7
Phenol-d6
Concen: 121.204 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

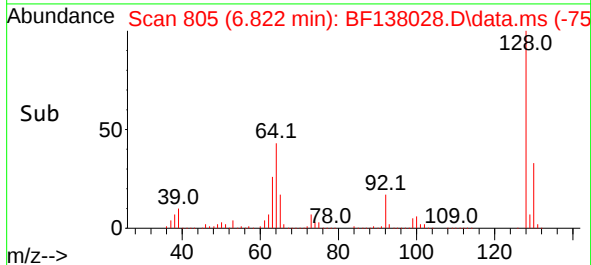
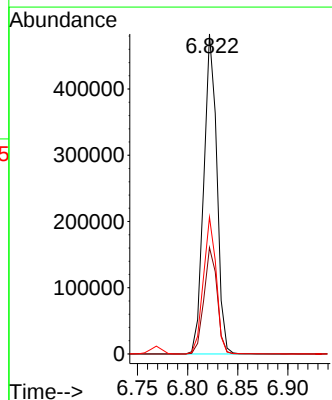
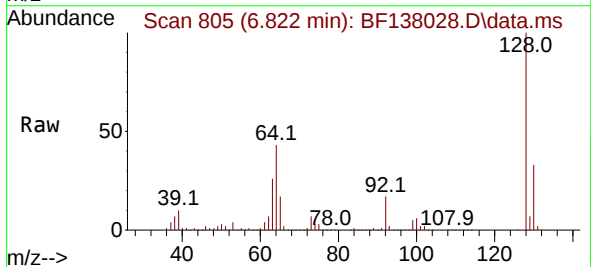
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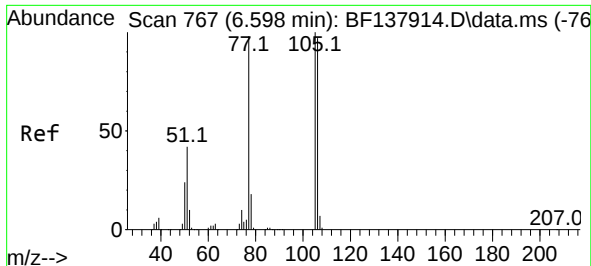
Tgt Ion: 99 Resp: 1245560
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 33.0 27.1 40.7



#8
2-Chlorophenol
Concen: 48.718 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion: 128 Resp: 439837
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 42.8 22.2 62.2

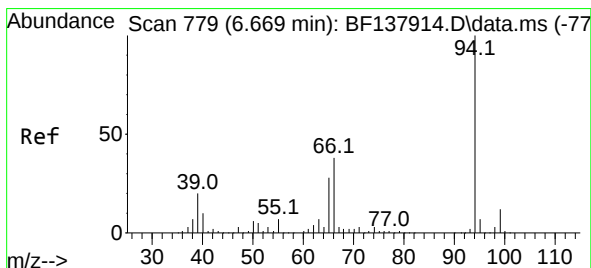
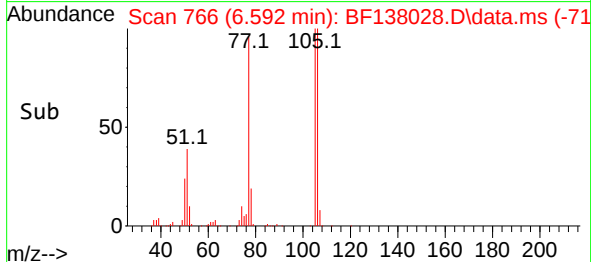
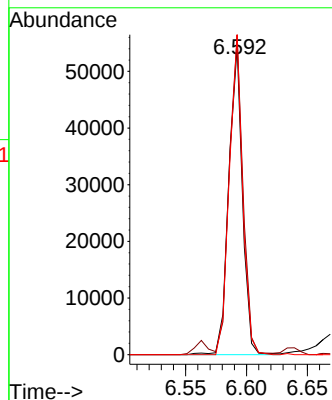
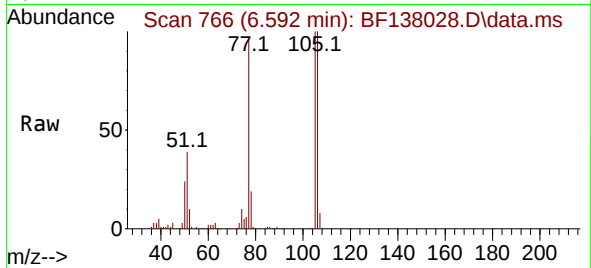




#9
Benzaldehyde
Concen: 7.651 ng
RT: 6.592 min Scan# 71
Delta R.T. -0.006 min
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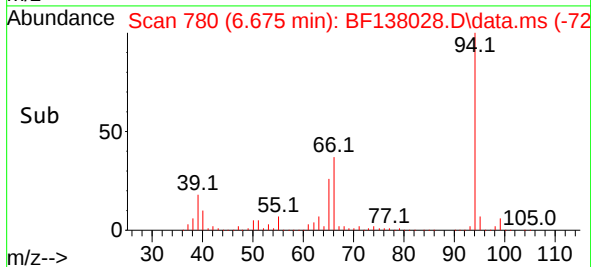
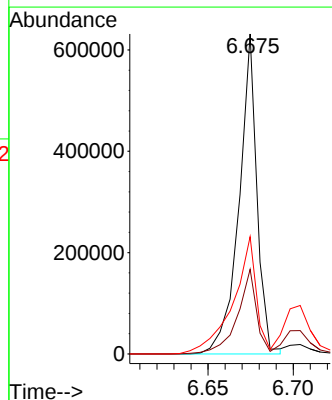
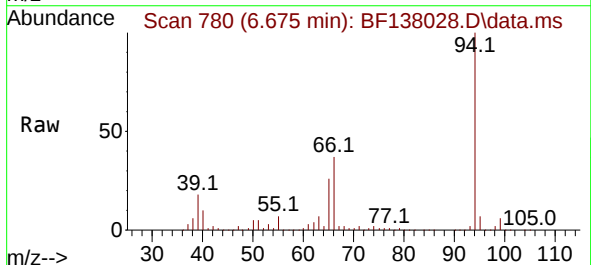
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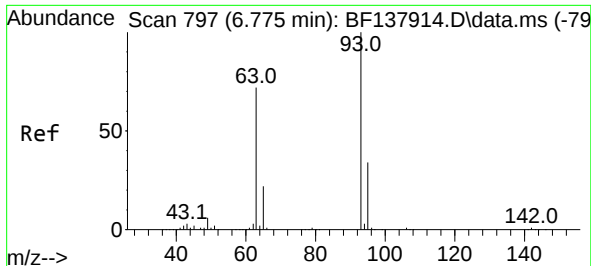
Tgt Ion: 77 Resp: 42540
Ion Ratio Lower Upper
77 100
105 103.9 82.3 122.3
106 103.9 79.2 119.2



#10
Phenol
Concen: 44.620 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion: 94 Resp: 462832
Ion Ratio Lower Upper
94 100
65 26.4 7.8 47.8
66 36.7 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 48.564 ng

RT: 6.769 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

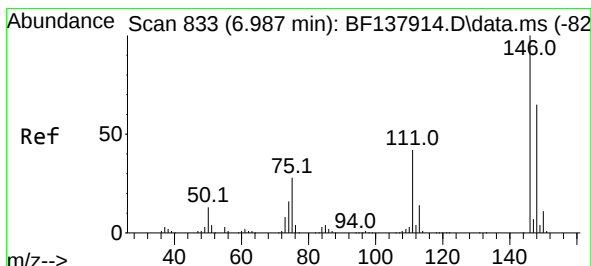
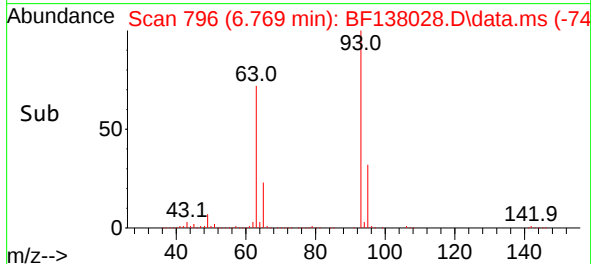
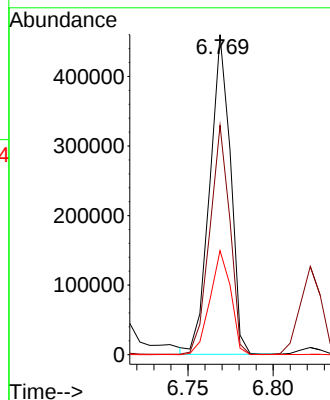
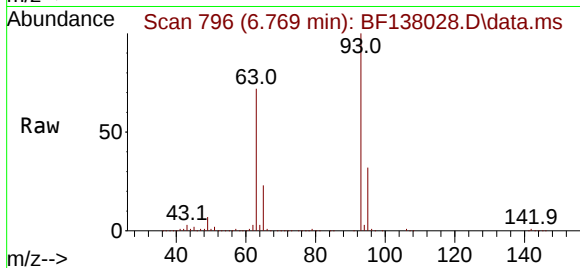
Tgt Ion: 93 Resp: 386781

Ion Ratio Lower Upper

93 100

63 71.7 51.4 91.4

95 32.5 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 43.886 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

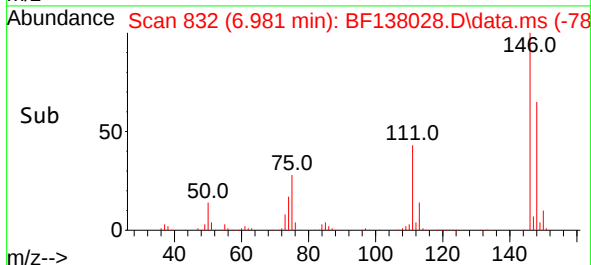
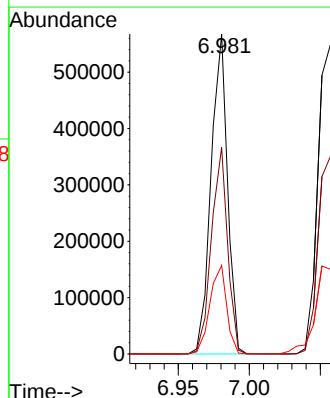
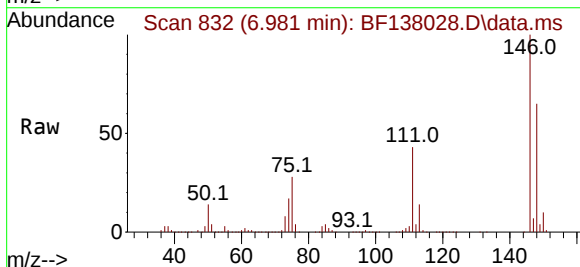
Tgt Ion:146 Resp: 458412

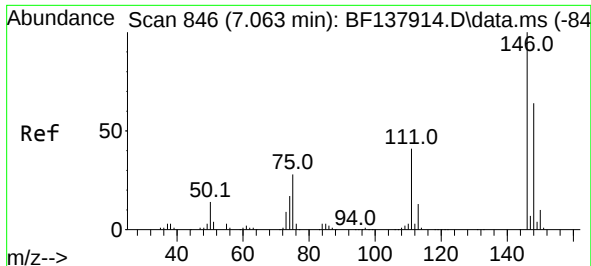
Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

75 27.7 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 44.386 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

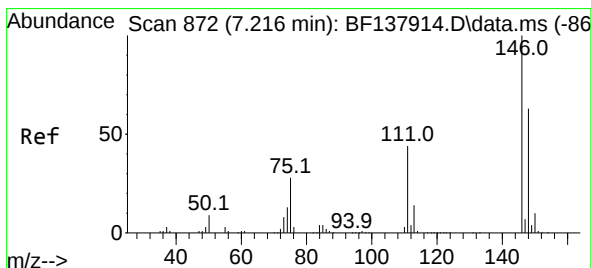
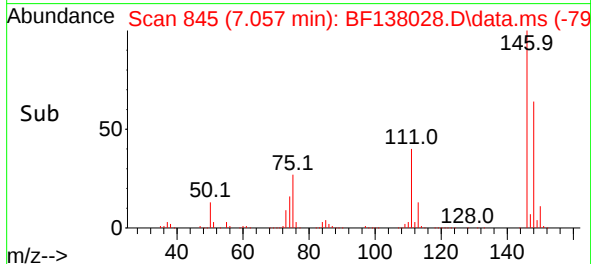
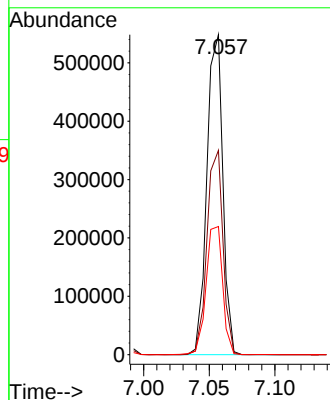
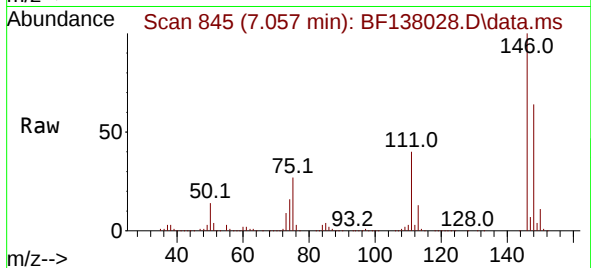
Tgt Ion:146 Resp: 465385

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 40.1 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 44.926 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

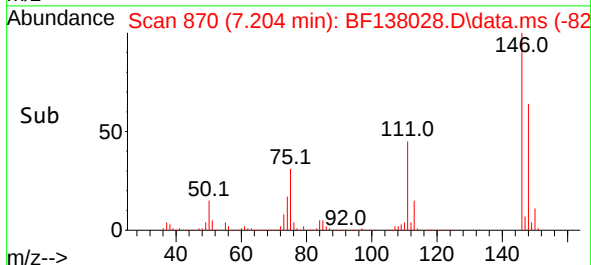
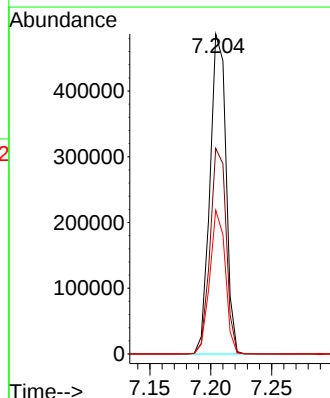
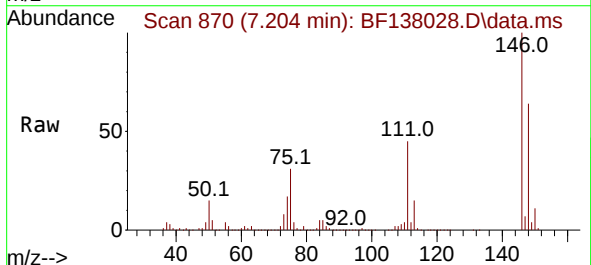
Tgt Ion:146 Resp: 443327

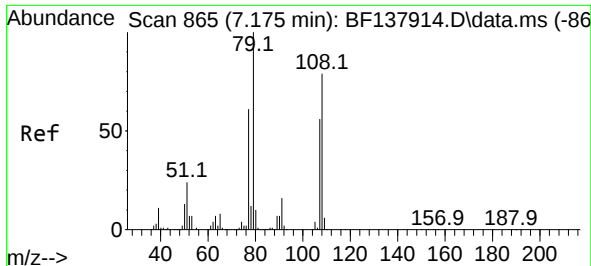
Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.4

111 44.9 35.1 52.7

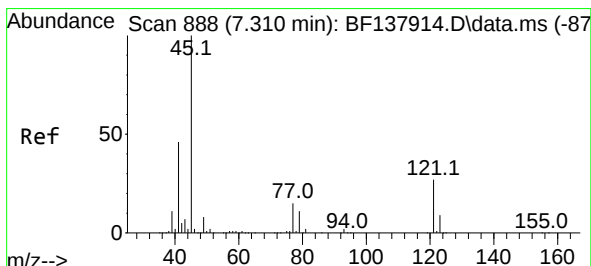
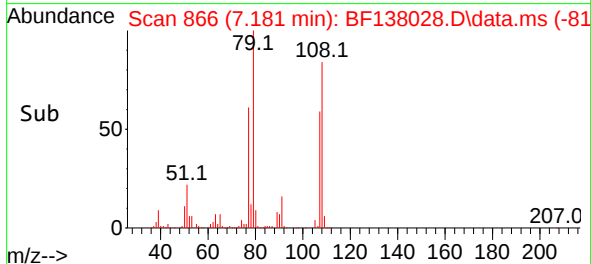
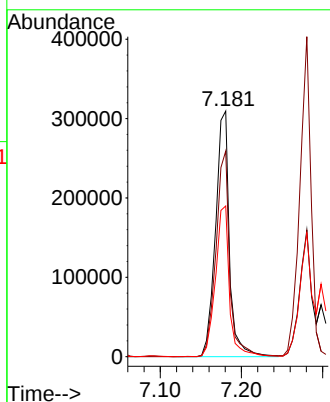
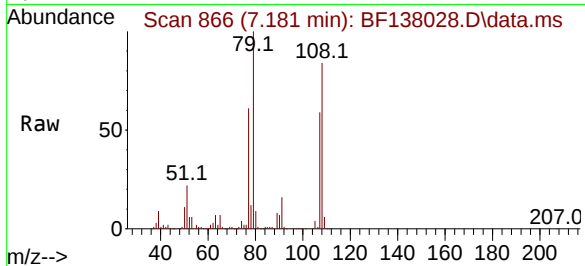




#15
Benzyl Alcohol
Concen: 53.887 ng
RT: 7.181 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

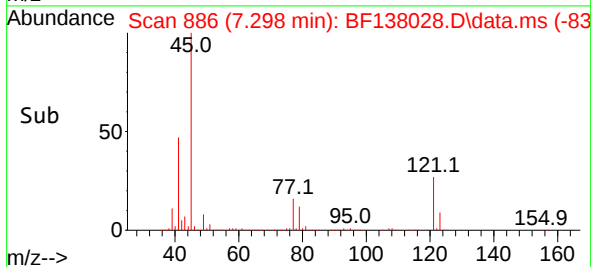
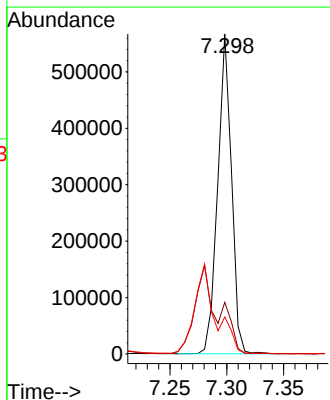
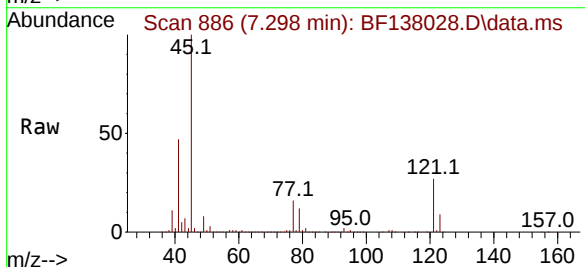
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

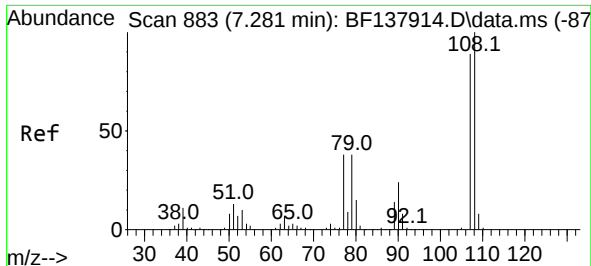
Tgt Ion: 79 Resp: 369780
Ion Ratio Lower Upper
79 100
108 83.7 62.8 94.2
77 61.4 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.873 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion: 45 Resp: 478470
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.3
79 11.5 0.0 32.1

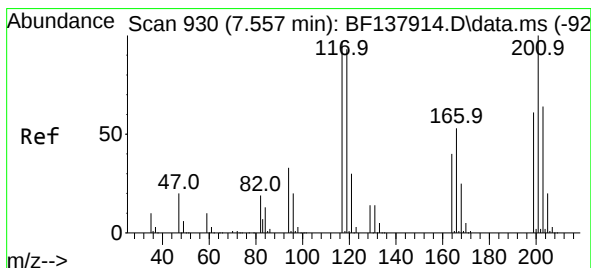
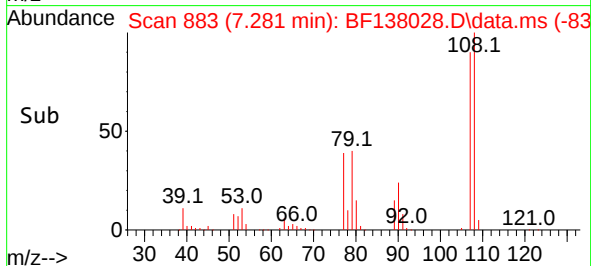
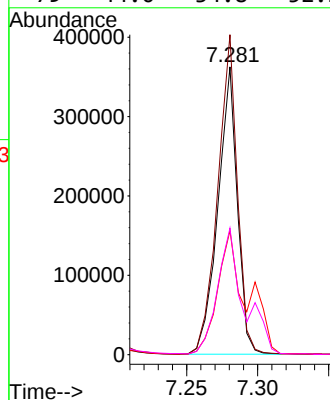
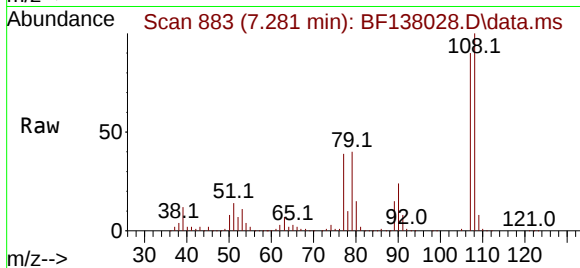




#17
2-Methylphenol
Concen: 47.869 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

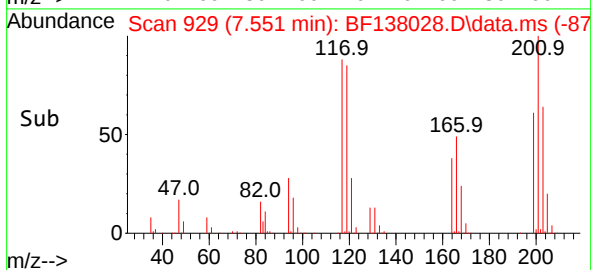
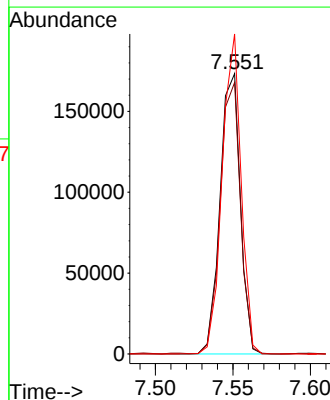
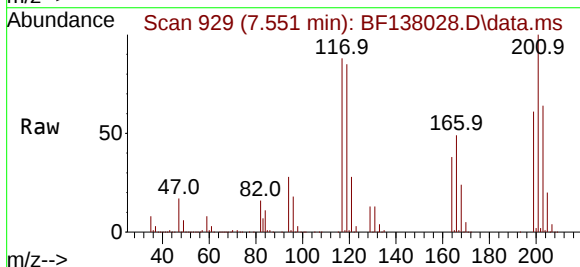
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

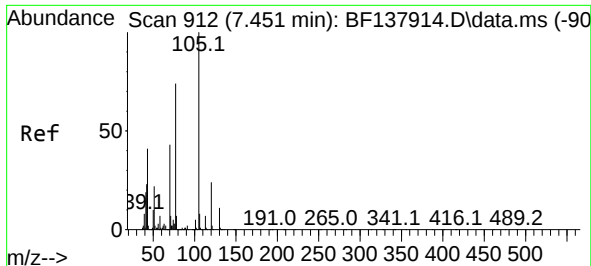
Tgt Ion:	107	Resp:	344651
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.1	135.1
77	43.1	34.3	51.5
79	44.0	34.8	52.2



#18
Hexachloroethane
Concen: 44.643 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:	117	Resp:	158394
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.8	115.2
201	114.2	82.7	124.1

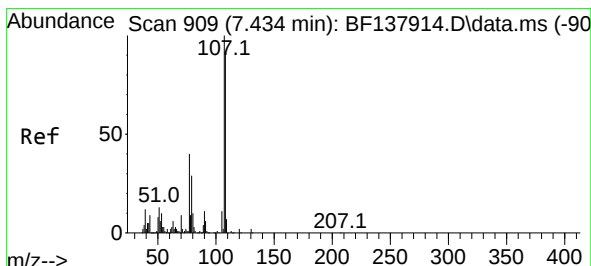
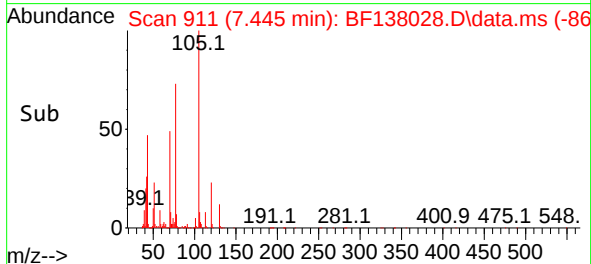
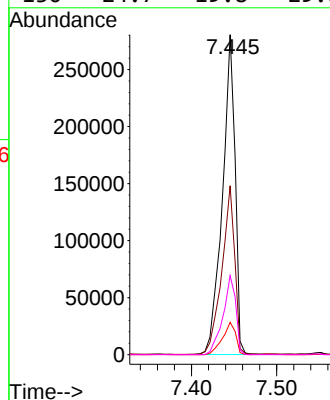
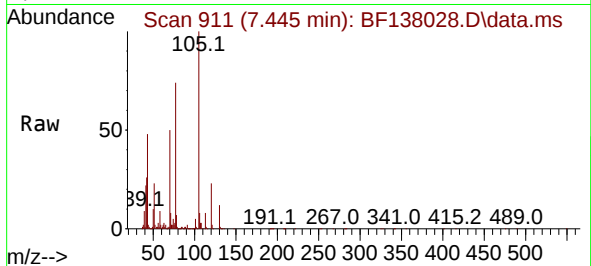




#19
n-Nitroso-di-n-propylamine
Concen: 50.315 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

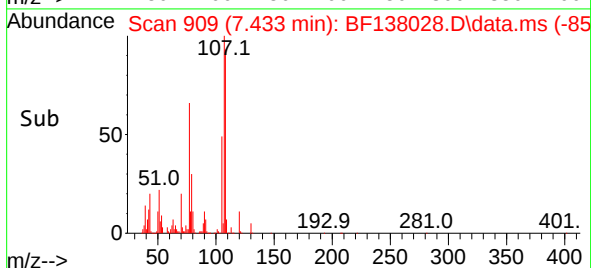
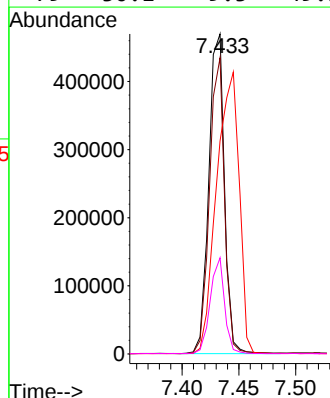
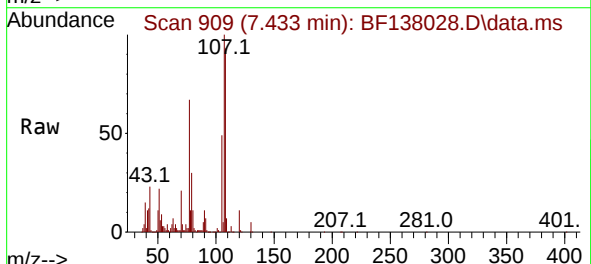
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

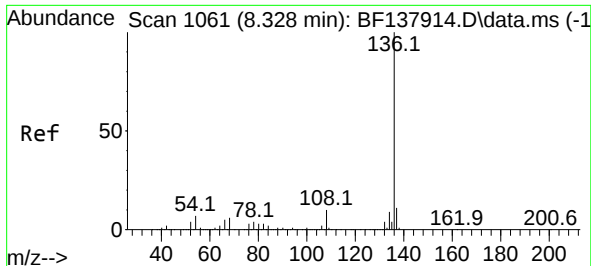
Tgt Ion: 70 Resp: 290496
Ion Ratio Lower Upper
70 100
42 52.8 42.2 63.4
101 10.1 8.8 13.2
130 24.7 19.8 29.8



#20
3+4-Methylphenols
Concen: 47.566 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:107 Resp: 448658
Ion Ratio Lower Upper
107 100
108 92.6 70.8 110.8
77 66.6 20.2 60.2#
79 30.1 9.3 49.3



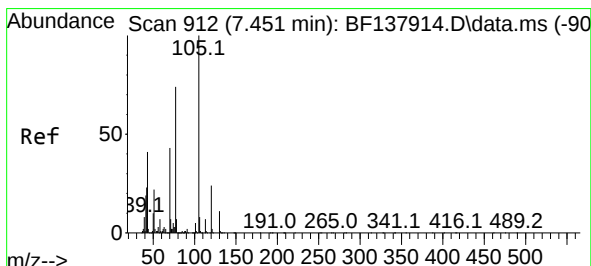
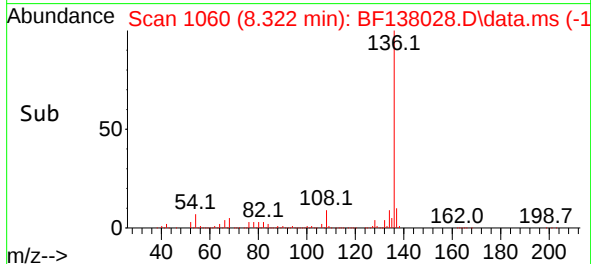
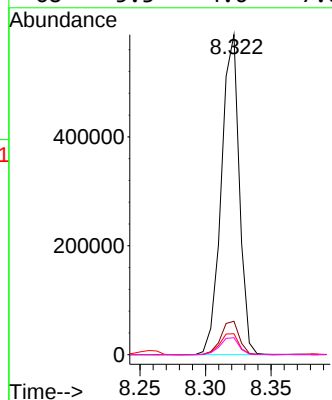
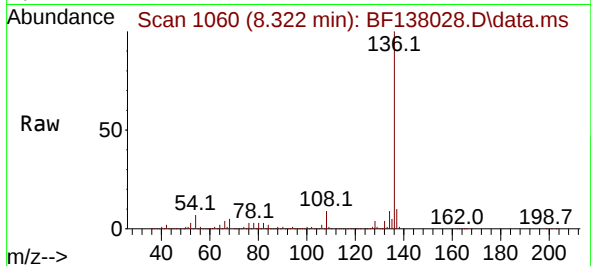


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Tgt Ion:136 Resp: 559038

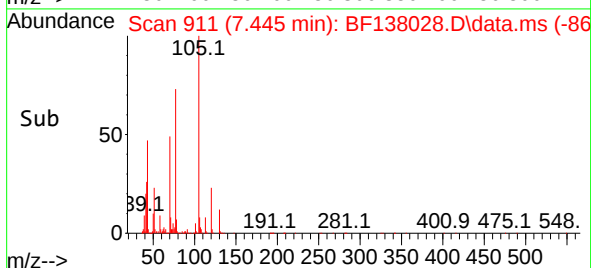
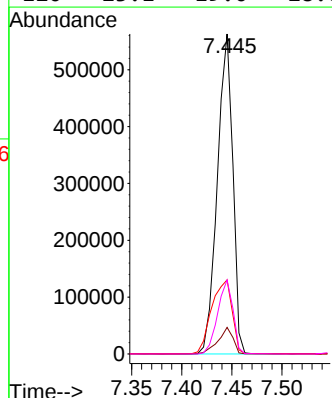
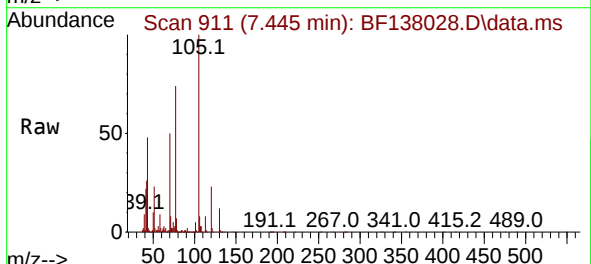
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.5	5.4	8.2
68	5.3	4.6	7.0

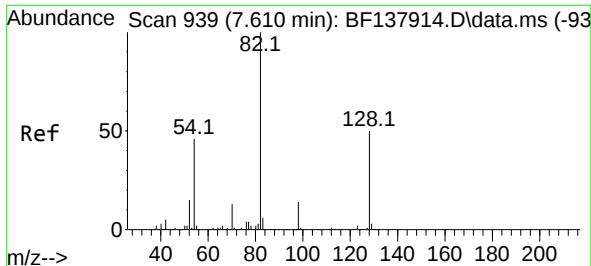


#22
Acetophenone
Concen: 48.088 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:105 Resp: 602221

Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.7	8.5
51	23.1	17.8	26.8
120	23.1	19.0	28.6





#23

Nitrobenzene-d5

Concen: 89.467 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

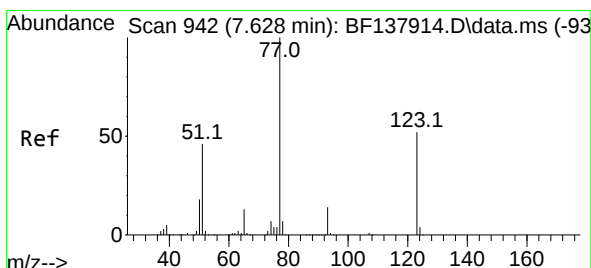
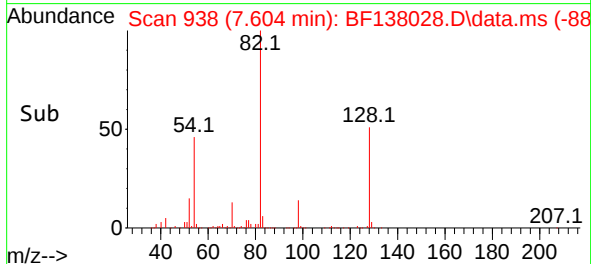
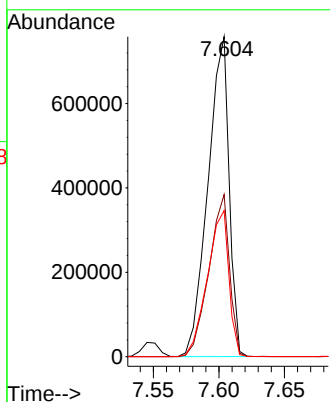
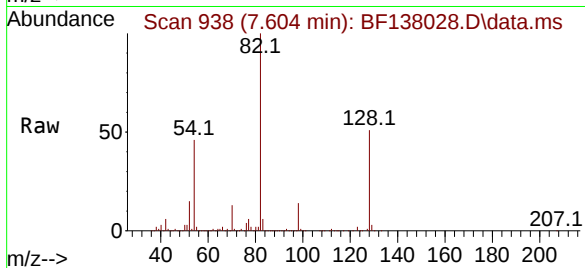
Tgt Ion: 82 Resp: 849878

Ion Ratio Lower Upper

82 100

128 50.7 40.3 60.5

54 45.7 36.8 55.2



#24

Nitrobenzene

Concen: 45.819 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

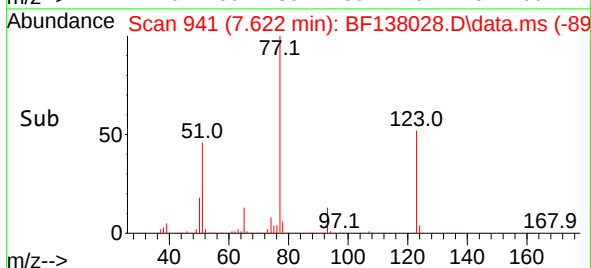
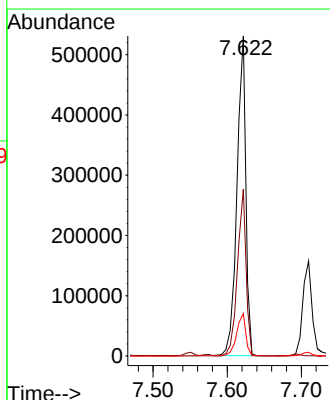
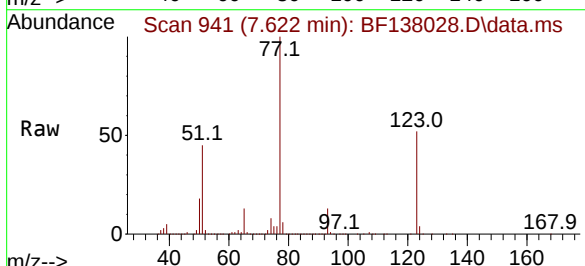
Tgt Ion: 77 Resp: 441545

Ion Ratio Lower Upper

77 100

123 52.1 41.4 62.2

65 13.2 10.5 15.7

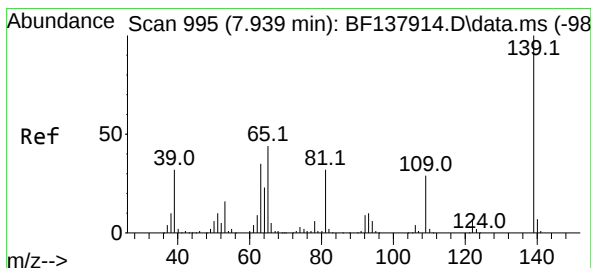
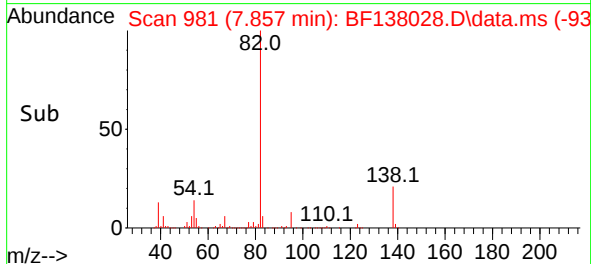
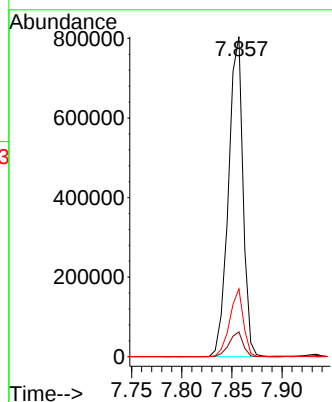
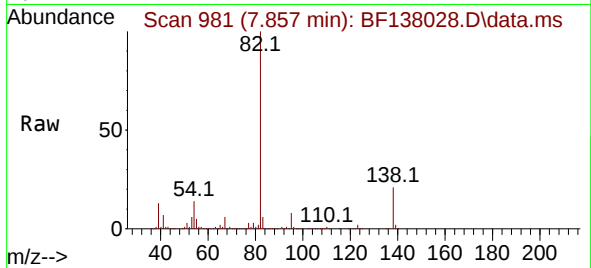




#25
Isophorone
Concen: 48.977 ng
RT: 7.857 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

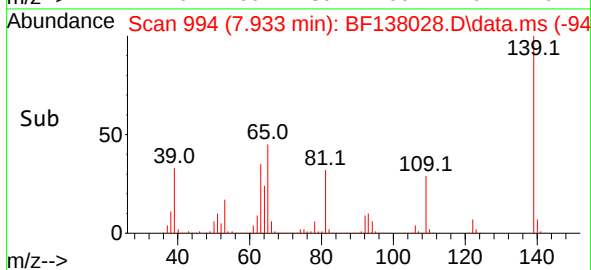
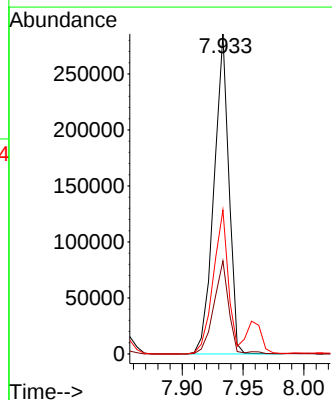
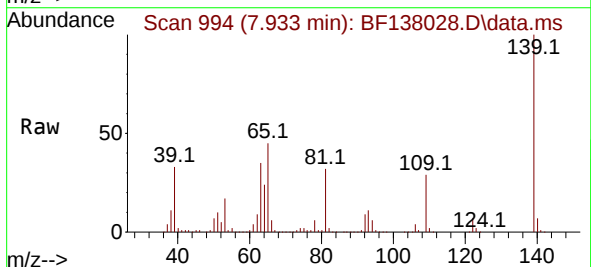
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

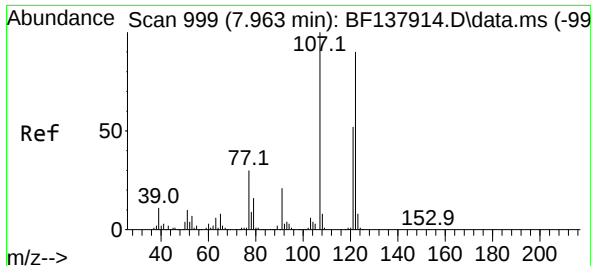
Tgt Ion: 82 Resp: 807466
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 21.2 15.0 22.4



#26
2-Nitrophenol
Concen: 50.070 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion: 139 Resp: 242445
Ion Ratio Lower Upper
139 100
109 29.1 22.8 34.2
65 45.0 35.2 52.8

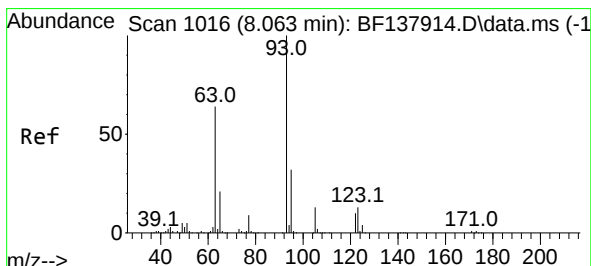
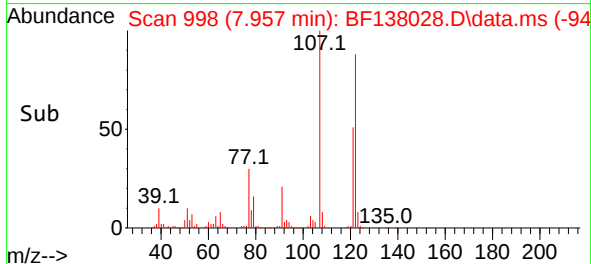
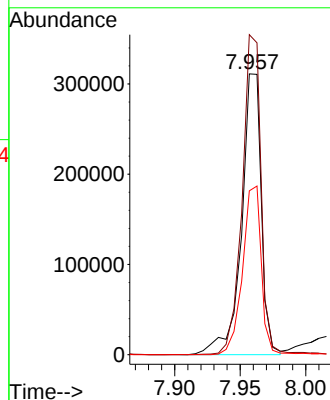
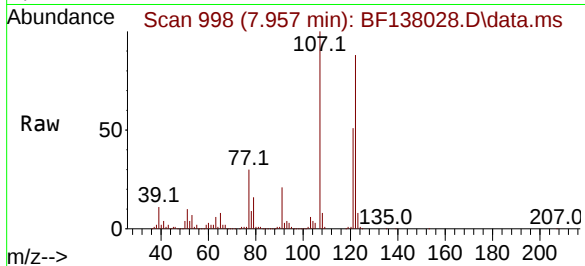




#27
2,4-Dimethylphenol
Concen: 52.389 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

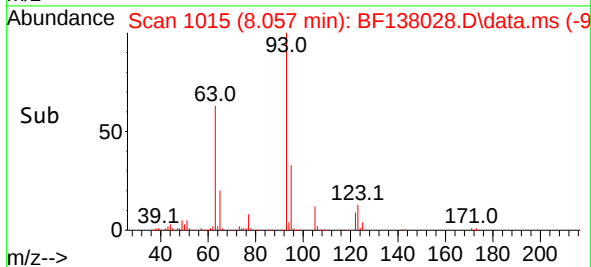
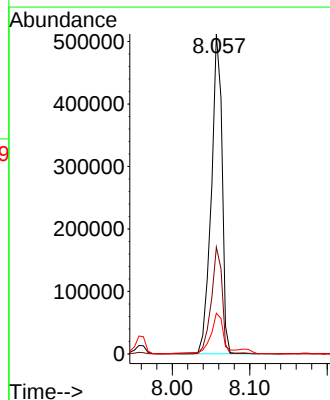
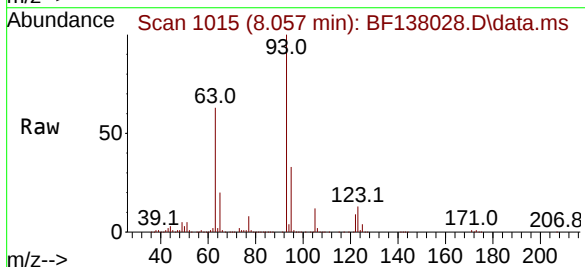
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

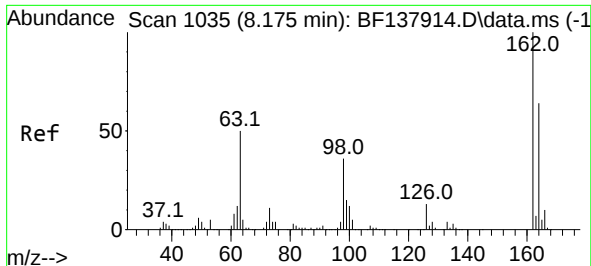
Tgt Ion:122 Resp: 326601
Ion Ratio Lower Upper
122 100
107 113.9 89.0 133.4
121 58.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.259 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion: 93 Resp: 492201
Ion Ratio Lower Upper
93 100
95 33.4 25.9 38.9
123 12.7 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 50.024 ng

RT: 8.175 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

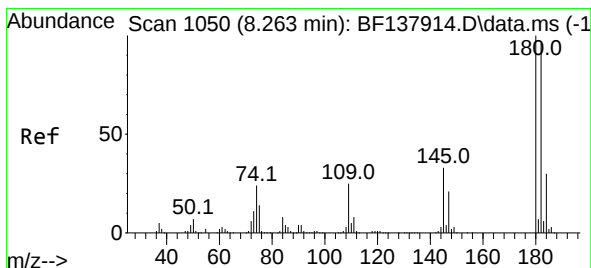
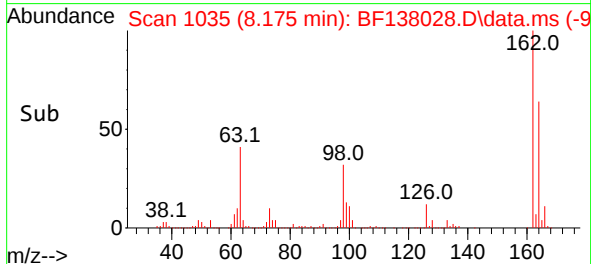
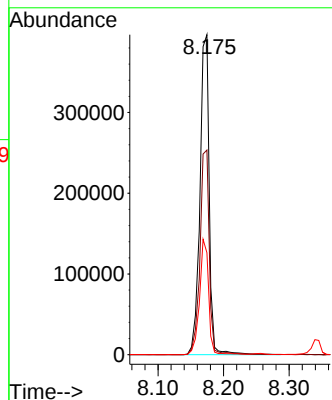
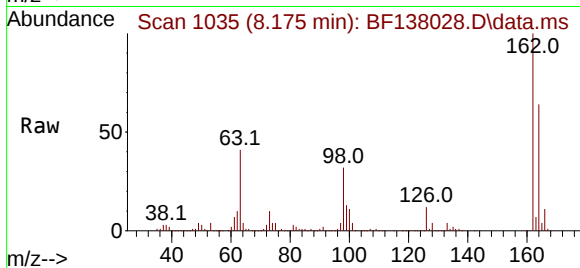
Tgt Ion:162 Resp: 392156

Ion Ratio Lower Upper

162 100

164 63.9 44.3 84.3

98 31.9 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 45.598 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

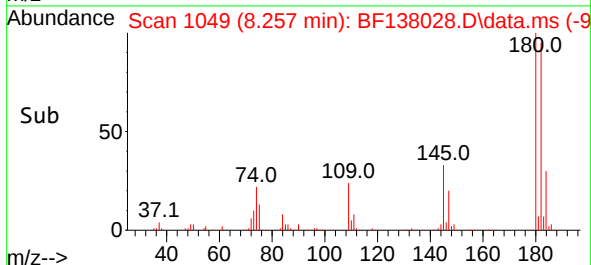
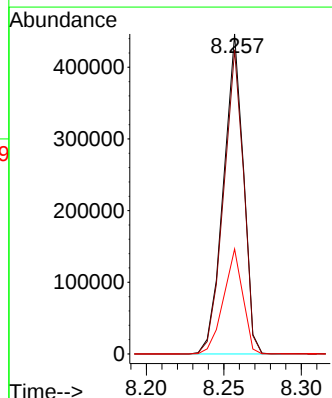
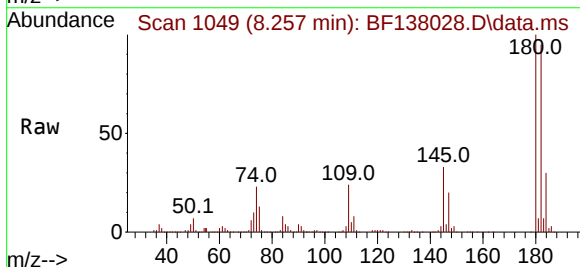
Tgt Ion:180 Resp: 399118

Ion Ratio Lower Upper

180 100

182 95.1 76.5 114.7

145 32.8 26.2 39.2

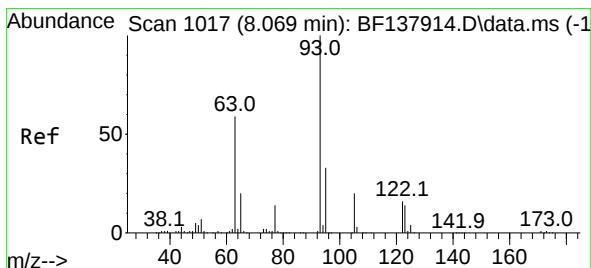
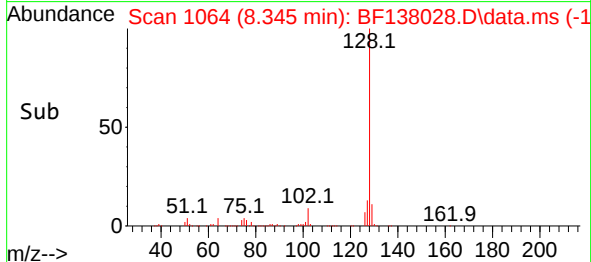
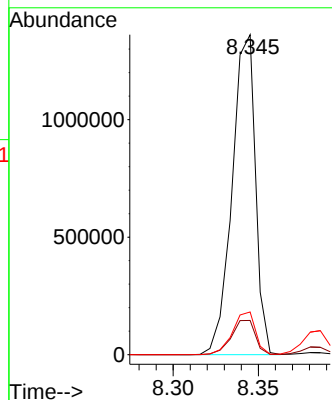
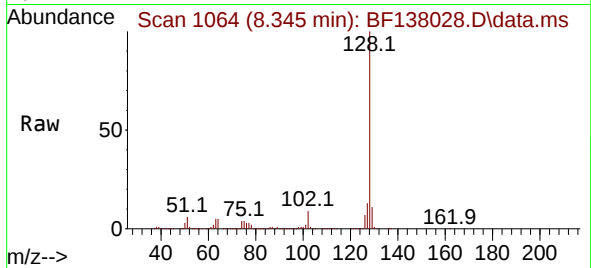




#31
Naphthalene
Concen: 46.125 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

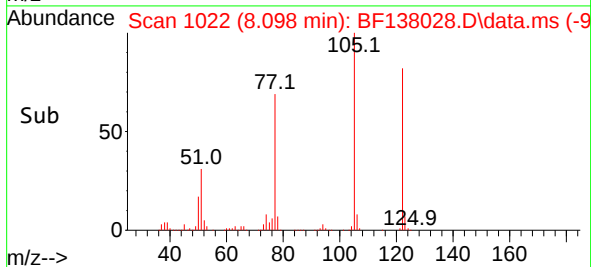
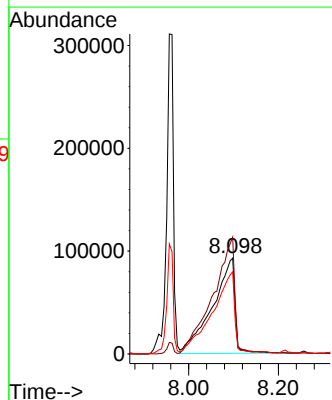
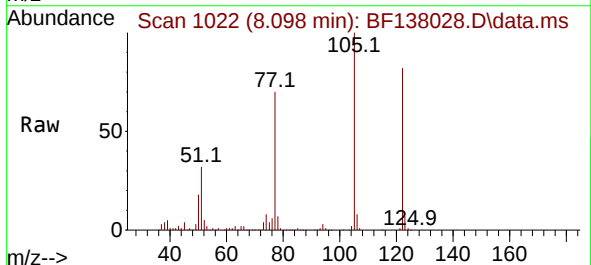
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

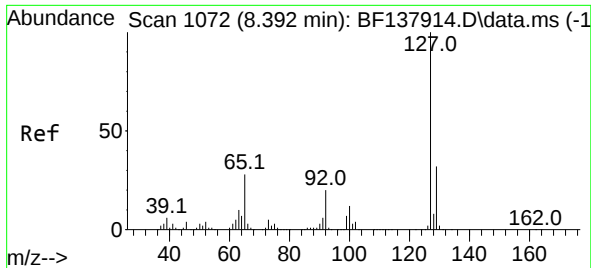
Tgt Ion:128 Resp: 1296507
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 61.134 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.029 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:122 Resp: 322170
Ion Ratio Lower Upper
122 100
105 122.0 103.8 143.8
77 85.8 68.4 108.4

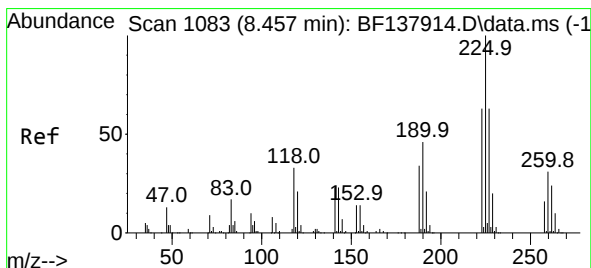
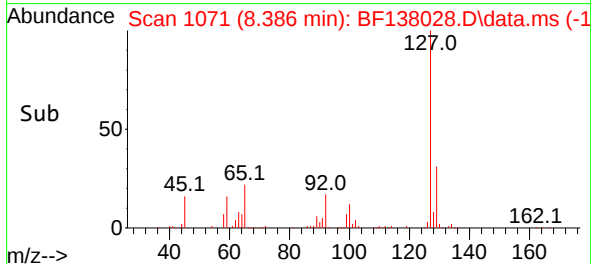
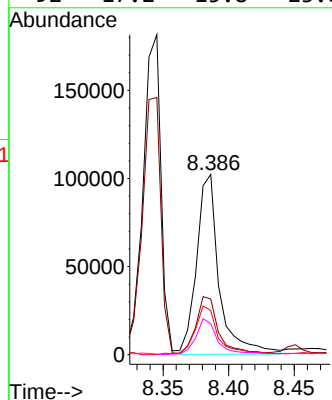
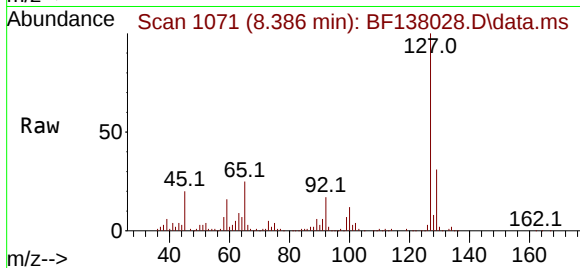




#33
4-Chloroaniline
Concen: 13.286 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

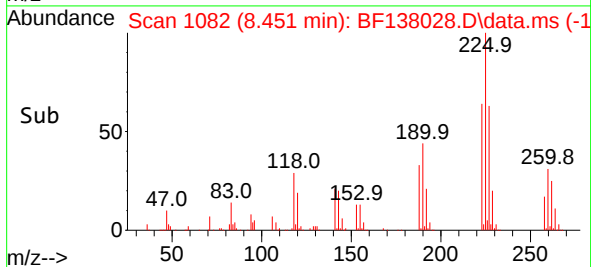
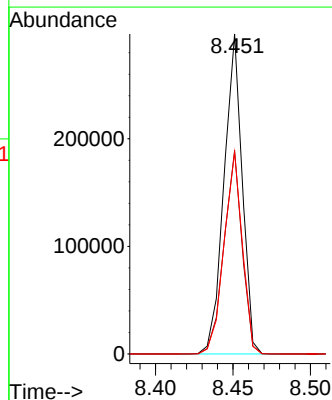
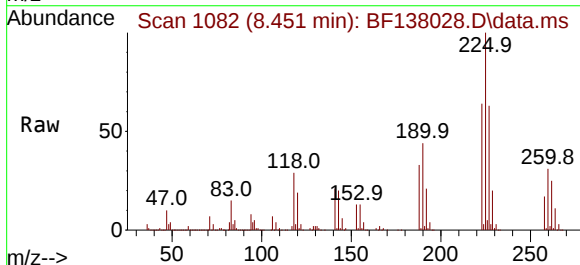
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

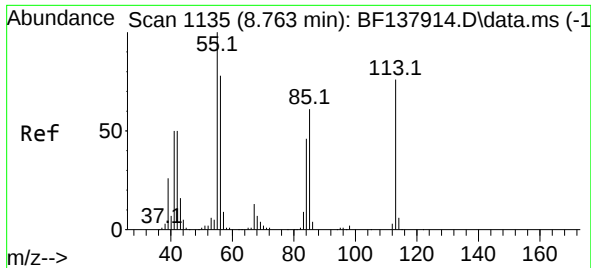
Tgt Ion:	127	Resp:	122425
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.4	38.2
65	24.5	22.0	33.0
92	17.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.899 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:	225	Resp:	243208
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.0	75.0
227	63.1	50.2	75.4

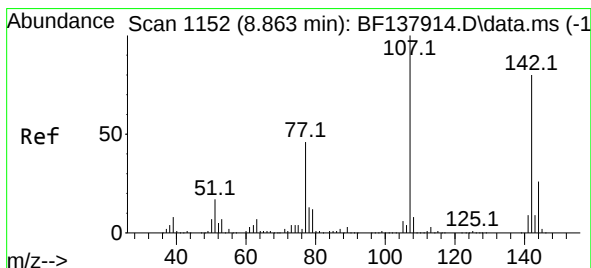
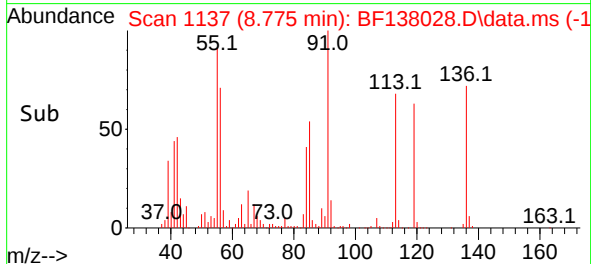
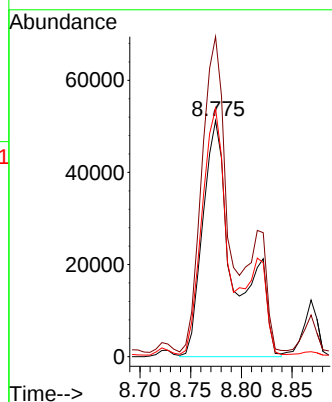
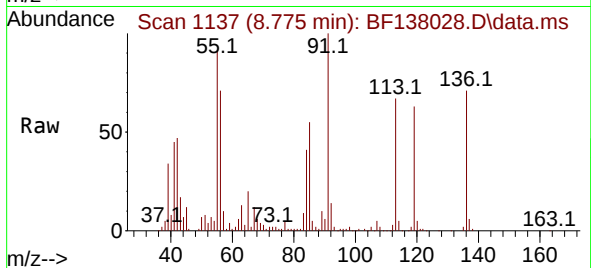




#35
 Caprolactam
 Concen: 49.625 ng m
 RT: 8.775 min Scan# 1135
 Delta R.T. 0.012 min
 Lab File: BF138028.D
 Acq: 23 May 2024 15:30

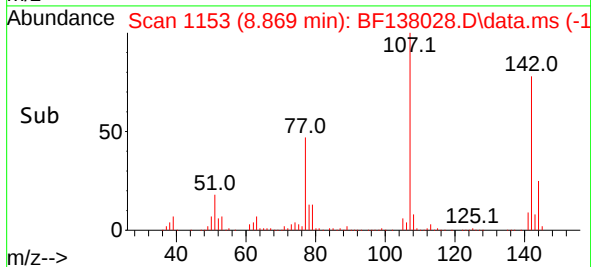
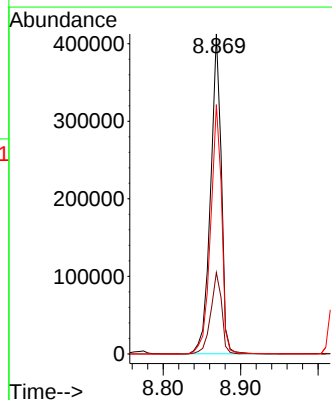
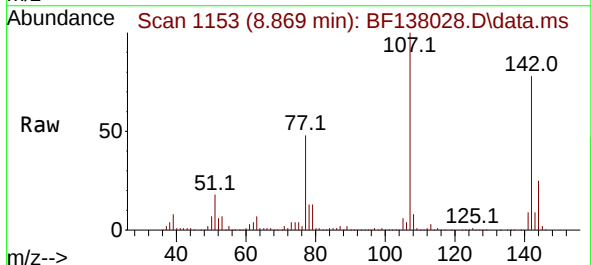
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

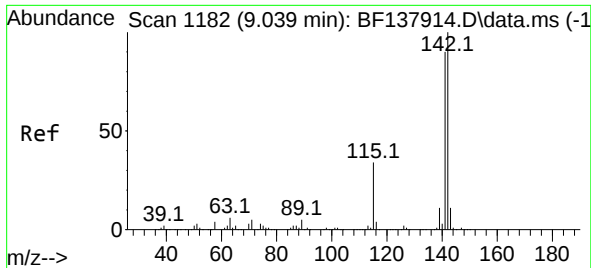
Tgt Ion:113 Resp: 112710
 Ion Ratio Lower Upper
 113 100
 55 135.6 112.3 152.3
 56 105.2 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.846 ng
 RT: 8.869 min Scan# 1153
 Delta R.T. 0.006 min
 Lab File: BF138028.D
 Acq: 23 May 2024 15:30

Tgt Ion:107 Resp: 397507
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.7 31.1
 142 77.9 64.0 96.0

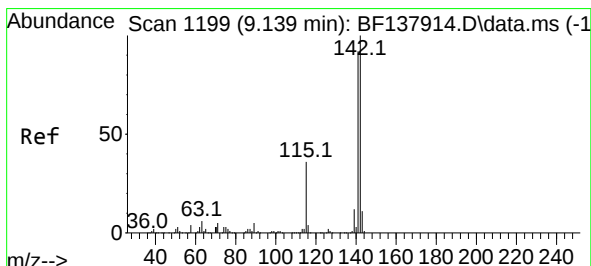
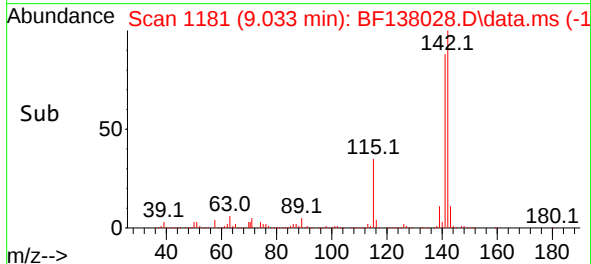
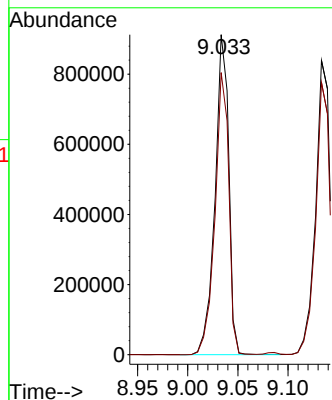
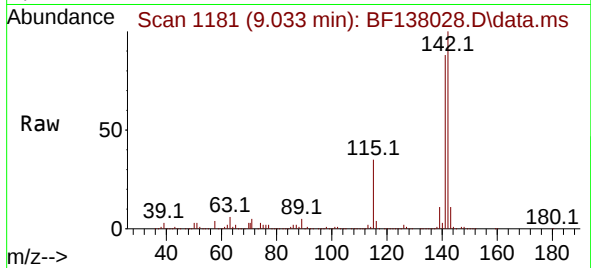




#37
2-Methylnaphthalene
Concen: 48.089 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

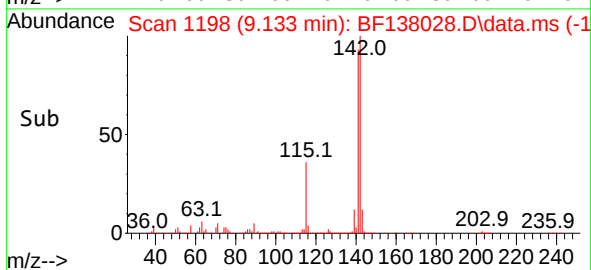
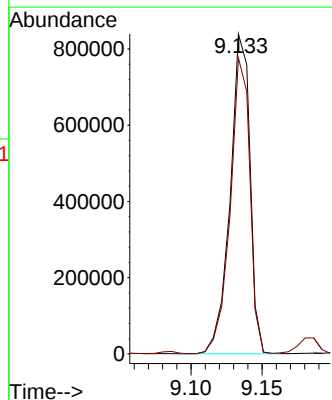
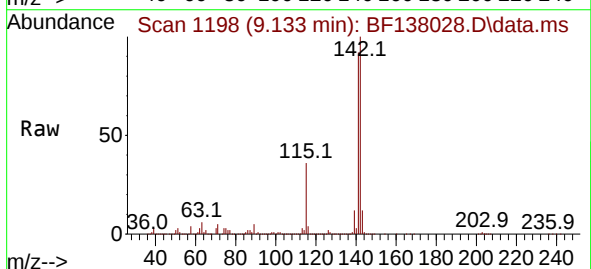
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

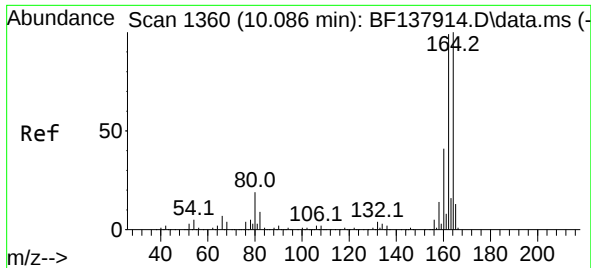
Tgt Ion:142 Resp: 868876
Ion Ratio Lower Upper
142 100
141 88.1 72.0 108.0



#38
1-Methylnaphthalene
Concen: 45.836 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:142 Resp: 814185
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5

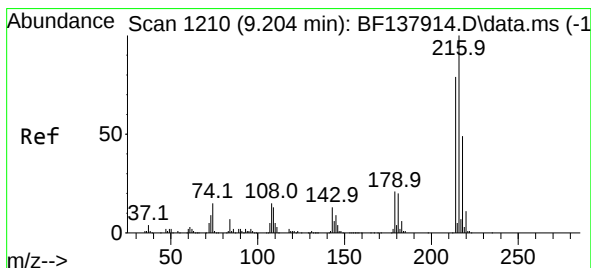
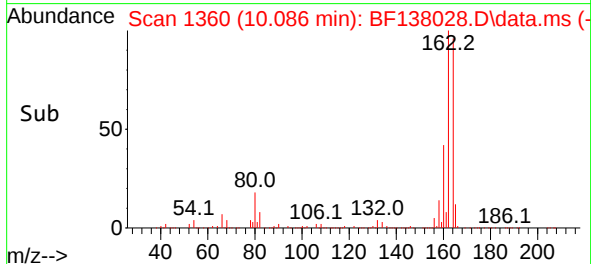
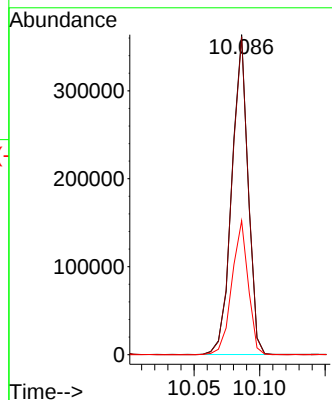
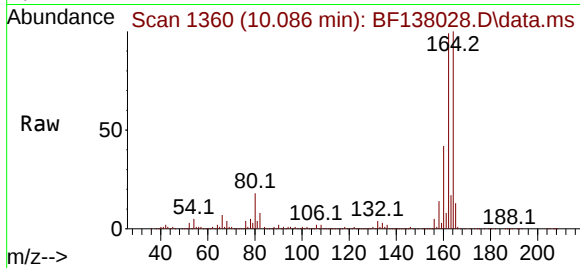




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

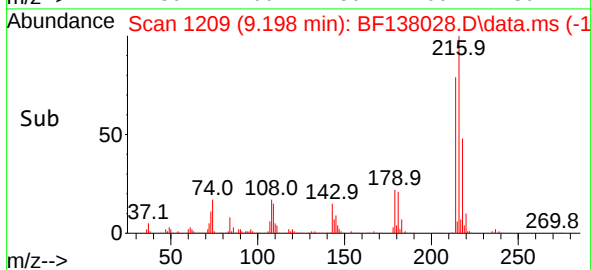
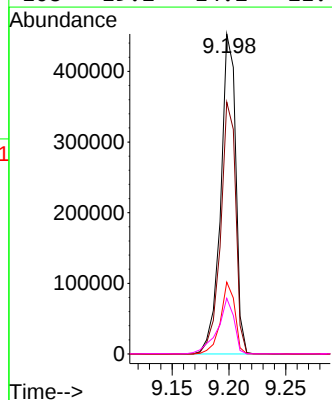
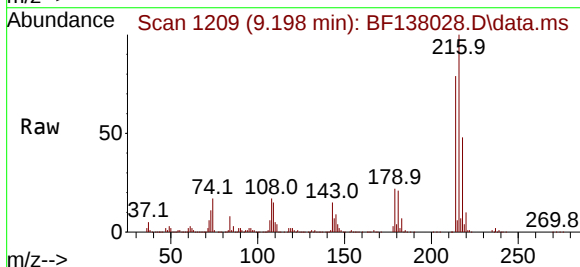
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

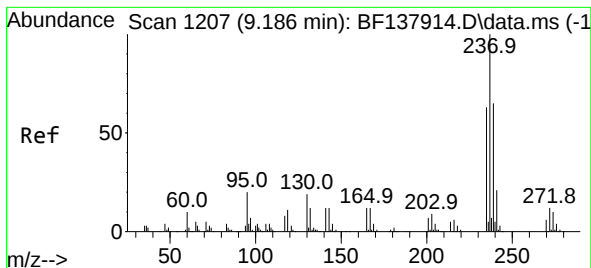
Tgt Ion:164 Resp: 312465
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 41.9 33.1 49.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.352 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:216 Resp: 419234
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.2
179 21.3 17.0 25.4
108 19.2 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 116.300 ng

RT: 9.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

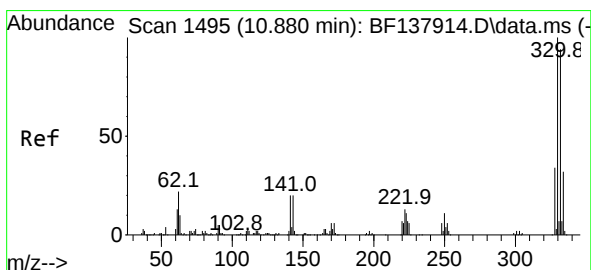
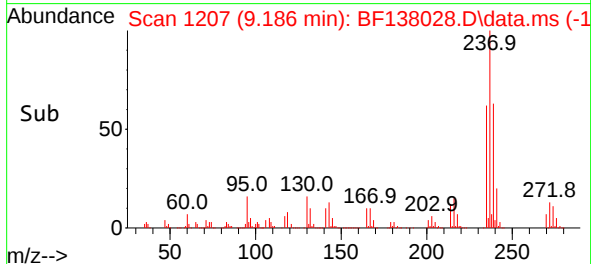
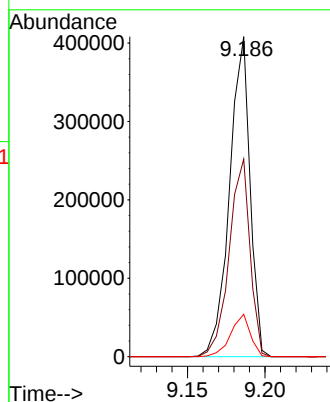
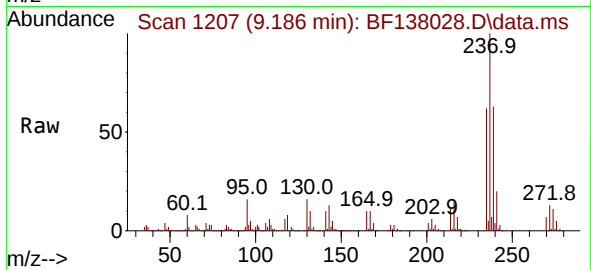
Tgt Ion:237 Resp: 375393

Ion Ratio Lower Upper

237 100

235 61.7 42.8 82.8

272 13.3 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 146.405 ng

RT: 10.880 min Scan# 1495

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

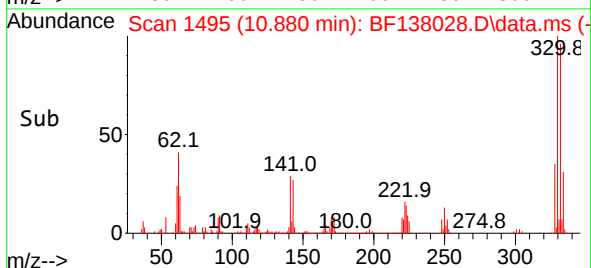
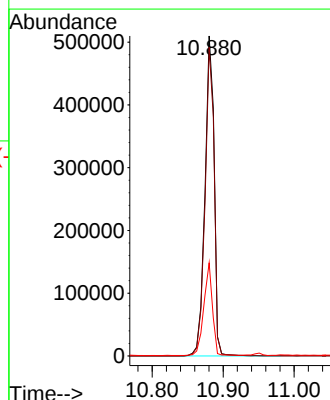
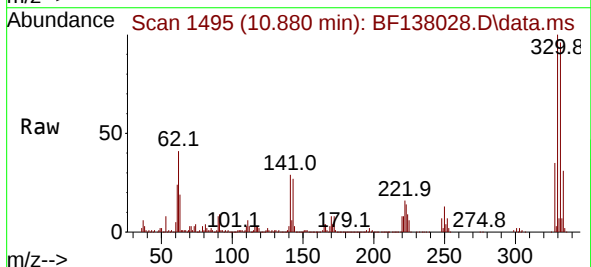
Tgt Ion:330 Resp: 461260

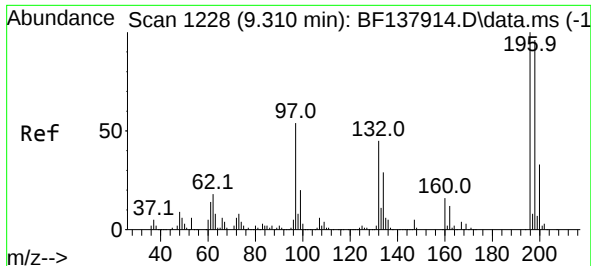
Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.8

141 27.1 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 52.001 ng

RT: 9.310 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

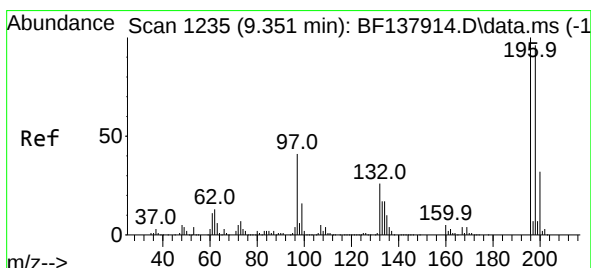
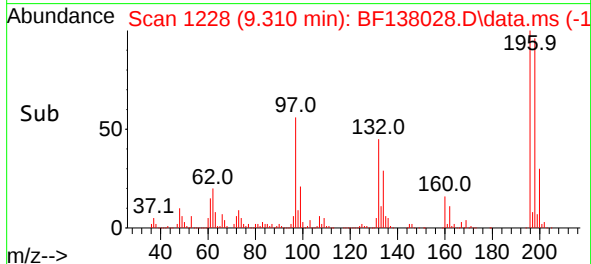
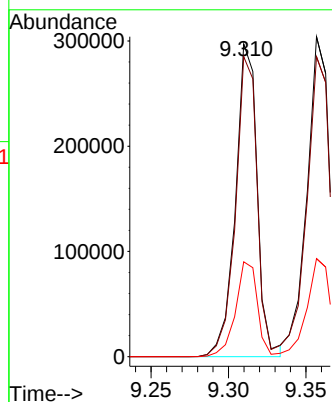
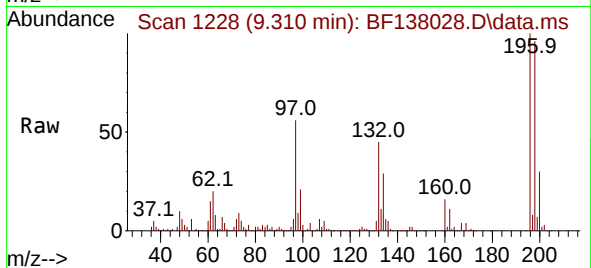
Tgt Ion:196 Resp: 289630

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.4

200 30.3 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 50.255 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Tgt Ion:196 Resp: 306266

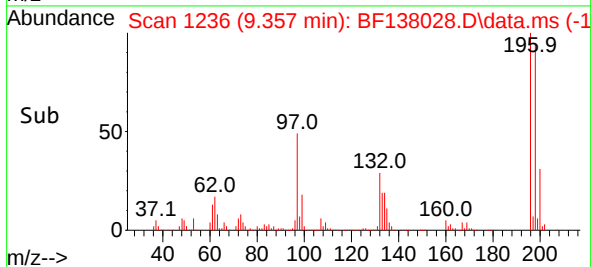
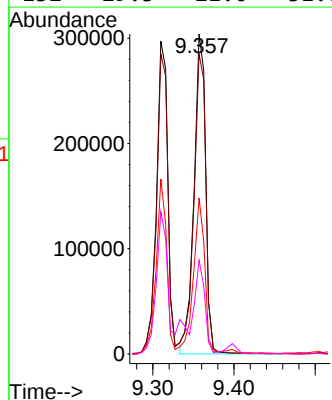
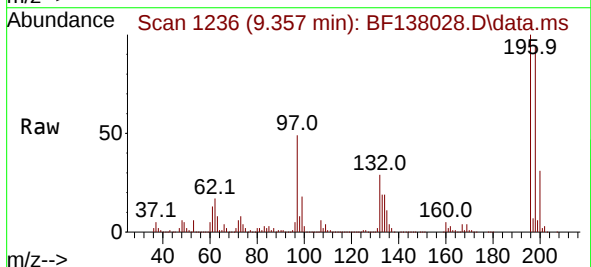
Ion Ratio Lower Upper

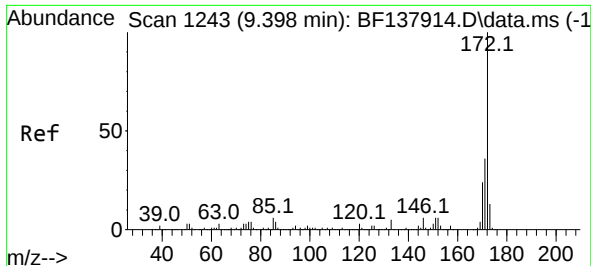
196 100

198 93.7 77.4 116.0

97 48.8 32.9 49.3

132 29.3 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 90.650 ng

RT: 9.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

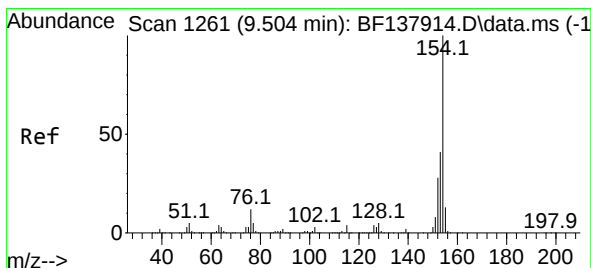
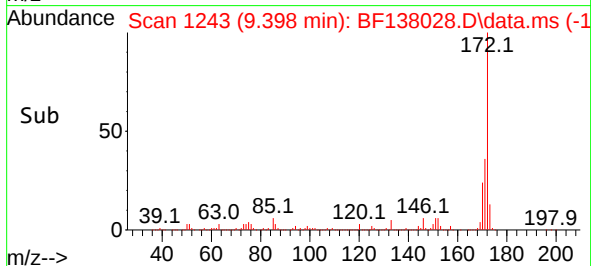
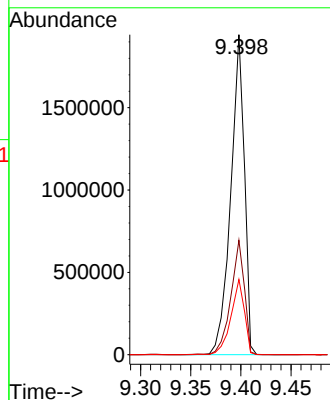
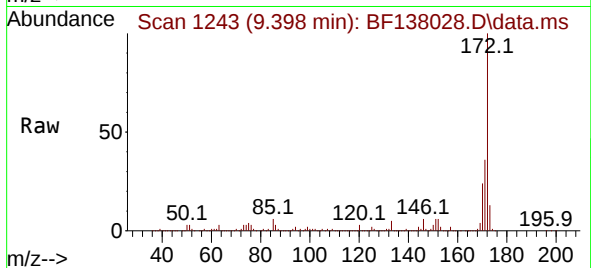
Tgt Ion:172 Resp: 1838811

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.428 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

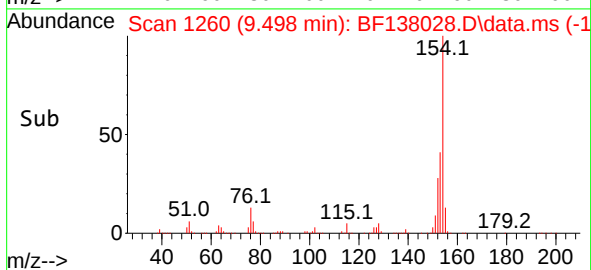
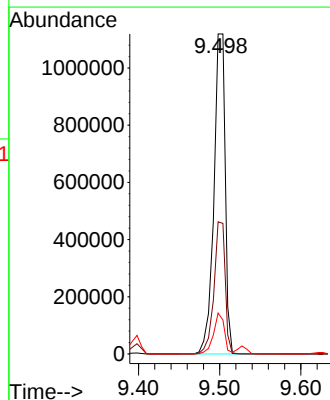
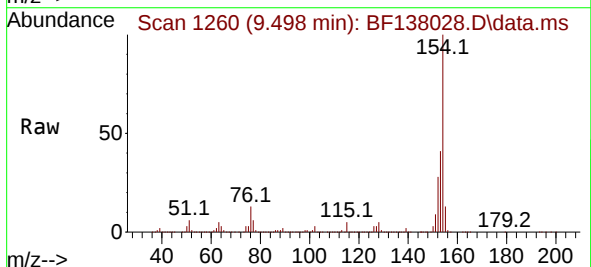
Tgt Ion:154 Resp: 1083254

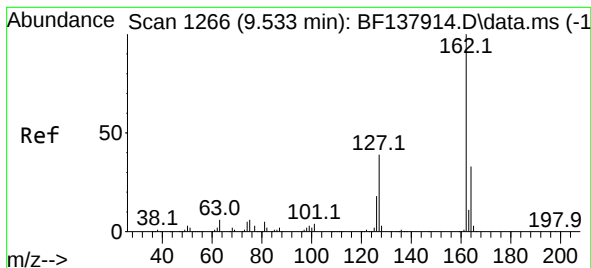
Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

76 12.8 0.0 31.9





#47

2-Chloronaphthalene

Concen: 47.360 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

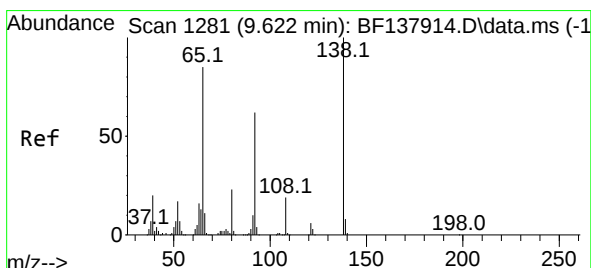
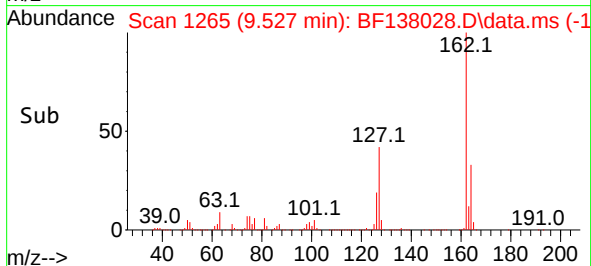
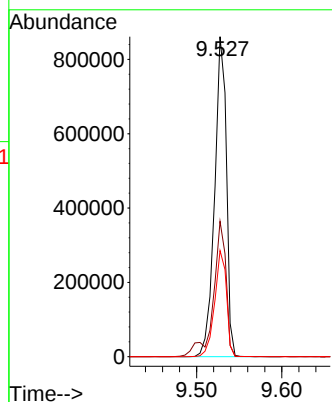
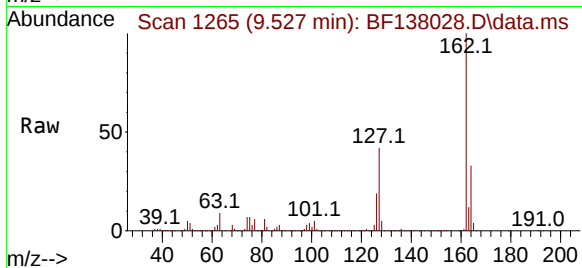
Tgt Ion:162 Resp: 828546

Ion Ratio Lower Upper

162 100

127 42.3 32.0 48.0

164 33.2 26.2 39.4



#48

2-Nitroaniline

Concen: 50.248 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

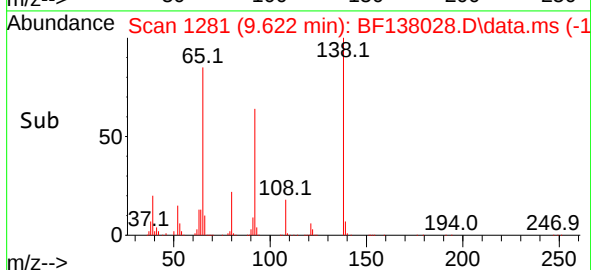
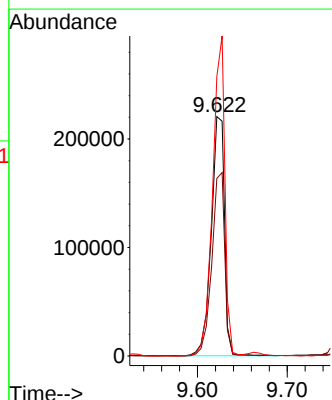
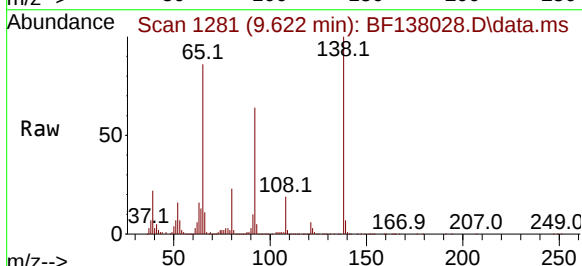
Tgt Ion: 65 Resp: 225110

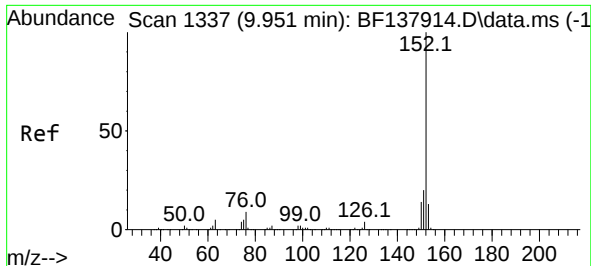
Ion Ratio Lower Upper

65 100

92 74.2 58.6 88.0

138 116.7 94.1 141.1

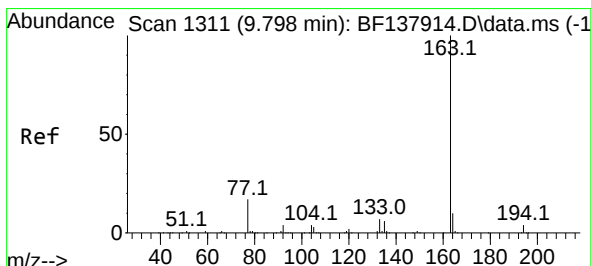
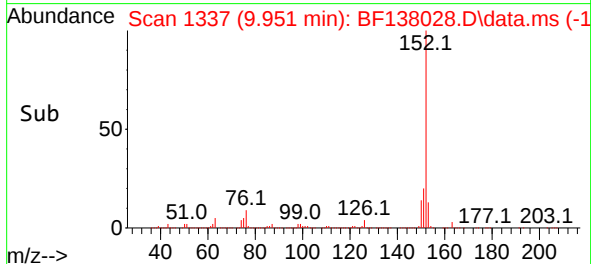
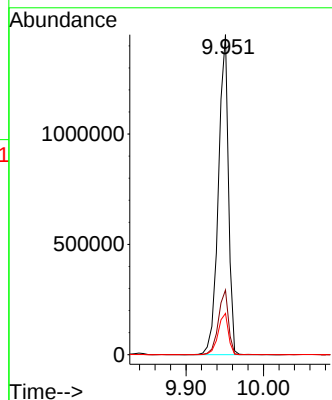
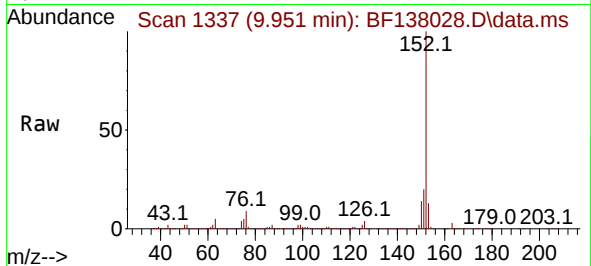




#49
Acenaphthylene
Concen: 51.678 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

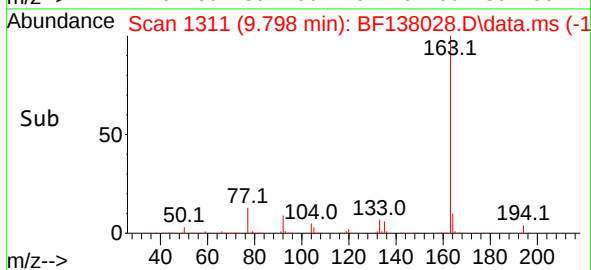
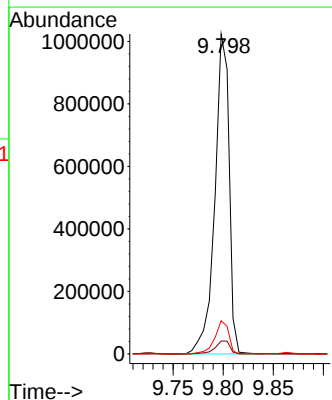
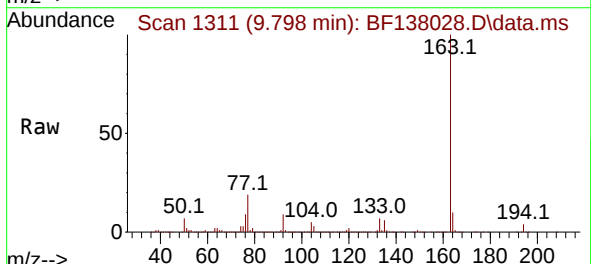
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

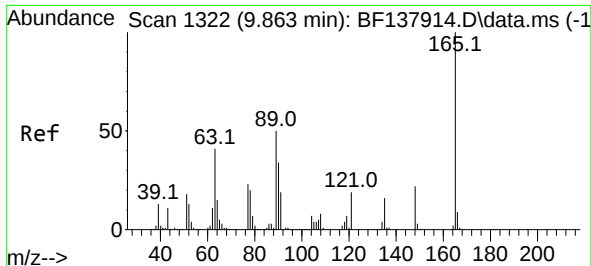
Tgt Ion:152 Resp: 1299973
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 12.9 10.2 15.4



#50
Dimethylphthalate
Concen: 51.685 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:163 Resp: 1012709
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.0 12.0

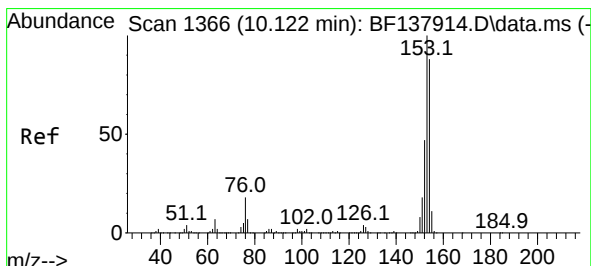
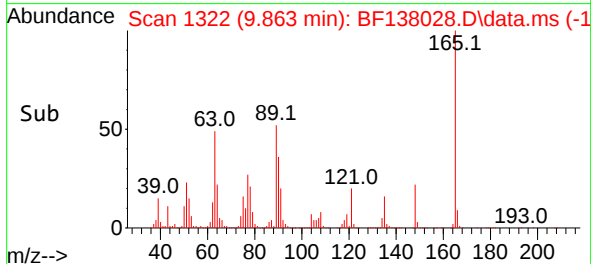
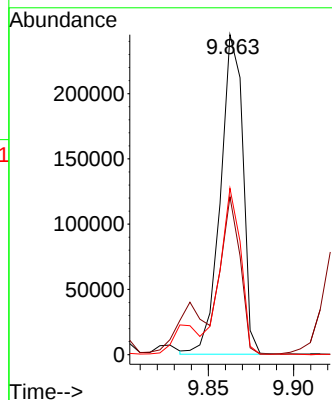
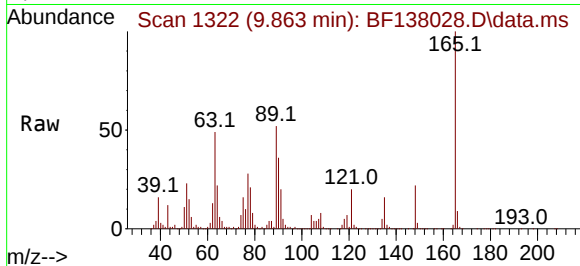




#51
2,6-Dinitrotoluene
Concen: 49.693 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

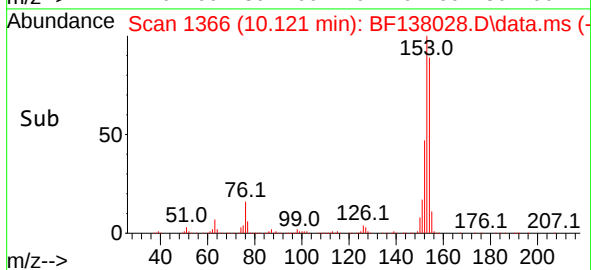
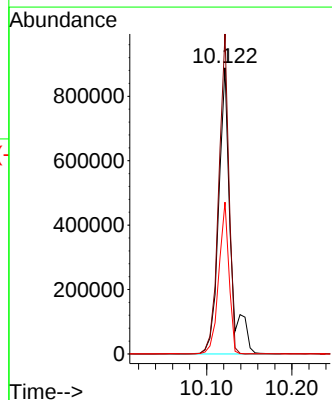
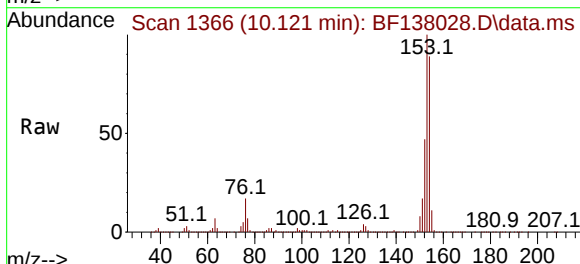
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

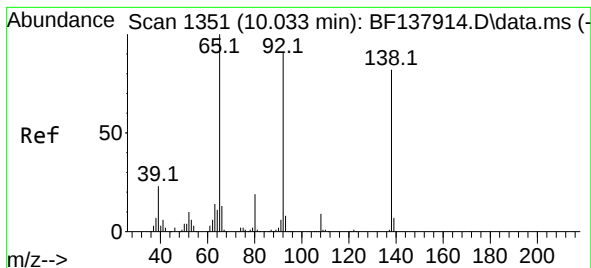
Tgt Ion:165 Resp: 223474
Ion Ratio Lower Upper
165 100
63 49.4 38.9 58.3
89 52.0 40.4 60.6



#52
Acenaphthene
Concen: 51.419 ng
RT: 10.121 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:154 Resp: 854903
Ion Ratio Lower Upper
154 100
153 111.8 90.4 135.6
152 53.1 42.3 63.5

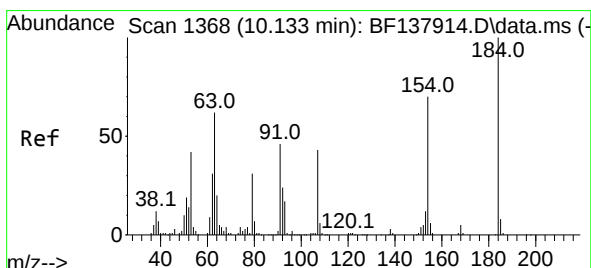
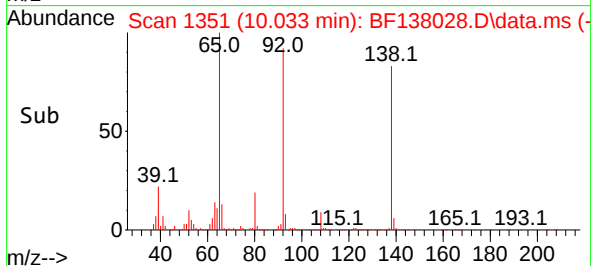
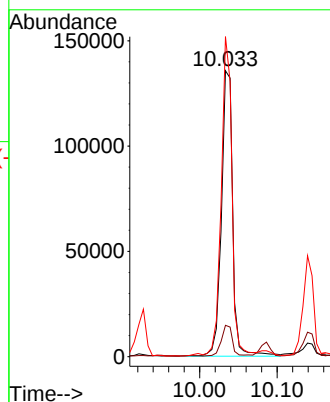
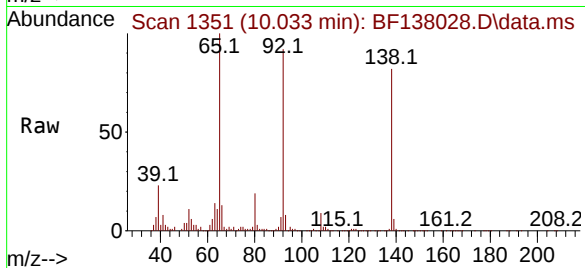




#53
3-Nitroaniline
Concen: 31.173 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

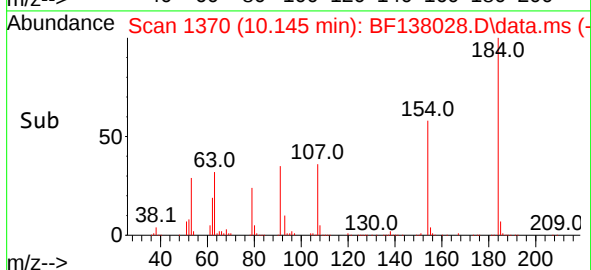
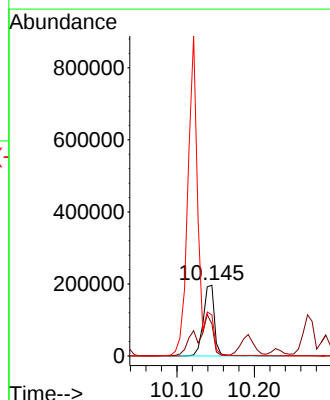
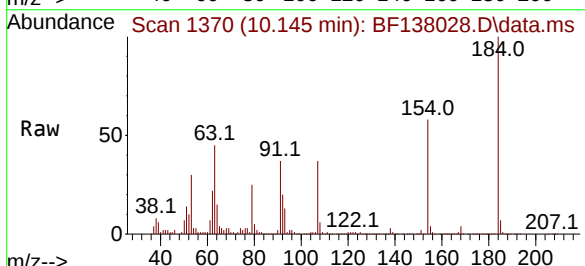
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

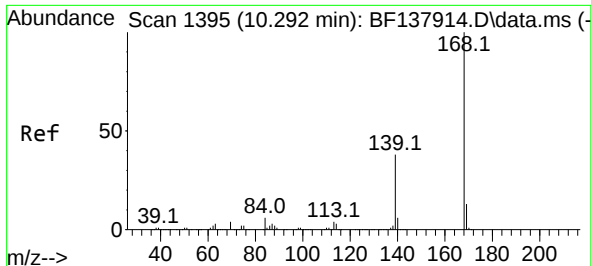
Tgt Ion:138 Resp: 137048
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 111.9 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 80.531 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:184 Resp: 195775
Ion Ratio Lower Upper
184 100
63 45.4 50.4 75.6#
154 58.2 63.7 95.5#

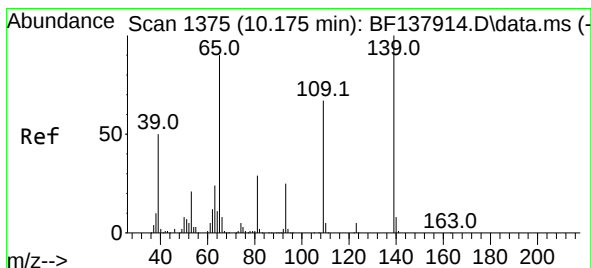
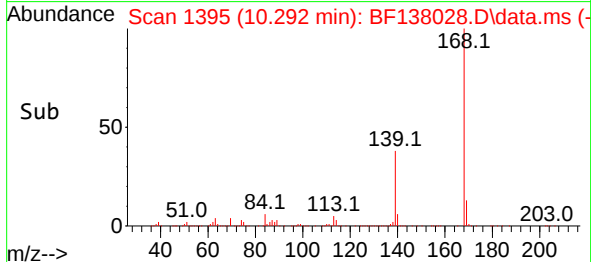
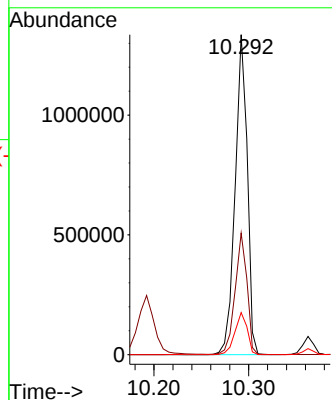
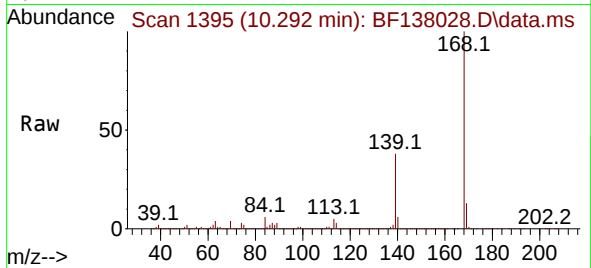




#55
Dibenzofuran
Concen: 48.939 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

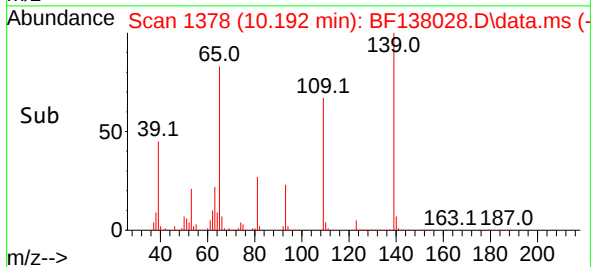
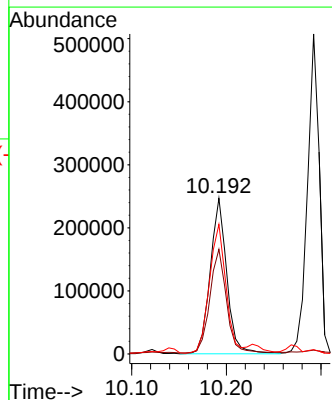
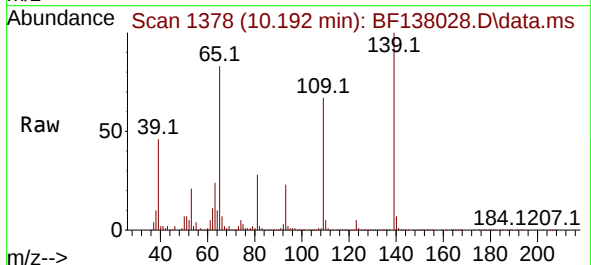
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

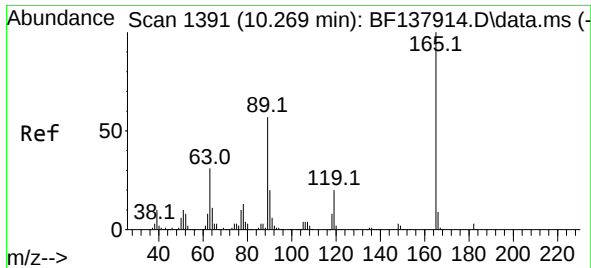
Tgt Ion:168 Resp: 1184162
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 95.108 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:139 Resp: 300314
Ion Ratio Lower Upper
139 100
109 67.2 46.5 86.5
65 83.3 70.4 110.4

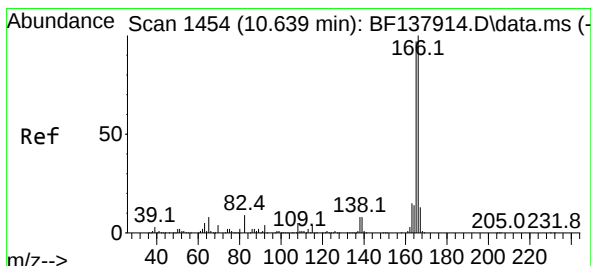
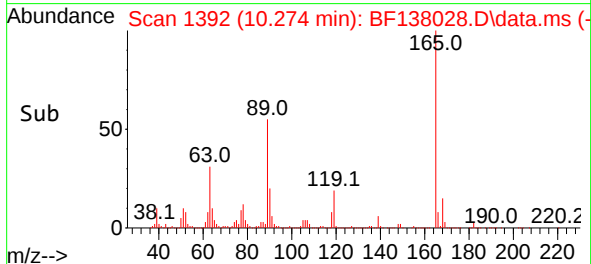
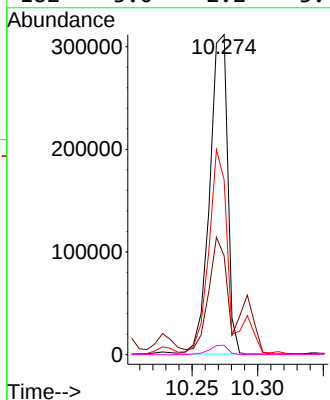
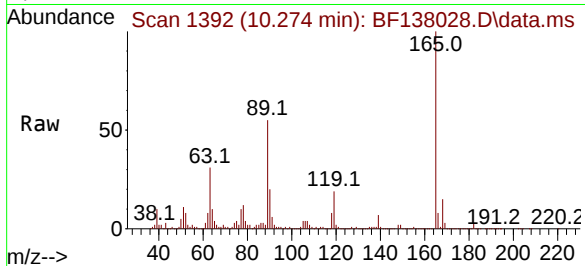




#57
2,4-Dinitrotoluene
Concen: 50.987 ng
RT: 10.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

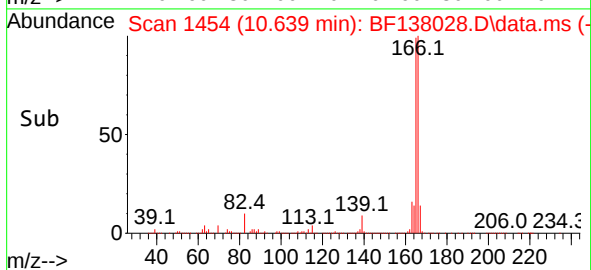
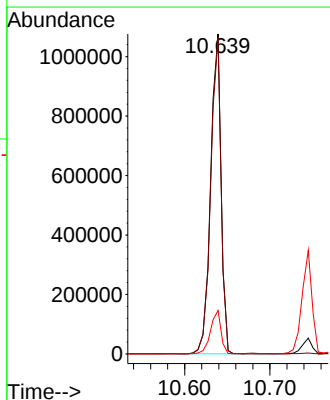
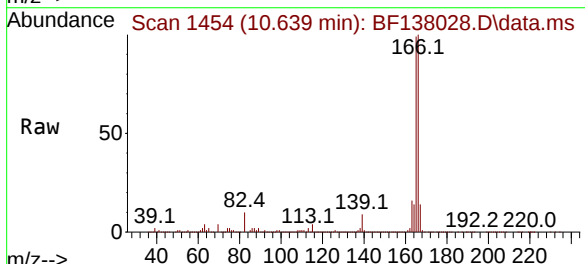
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

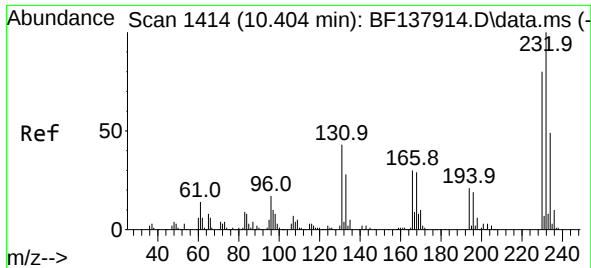
Tgt Ion:165 Resp: 296426
Ion Ratio Lower Upper
165 100
63 30.9 25.3 37.9
89 54.7 45.9 68.9
182 3.0 2.2 3.4



#58
Fluorene
Concen: 48.043 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:166 Resp: 919486
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.8
167 13.6 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.109 ng

RT: 10.410 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion:232 Resp: 249476

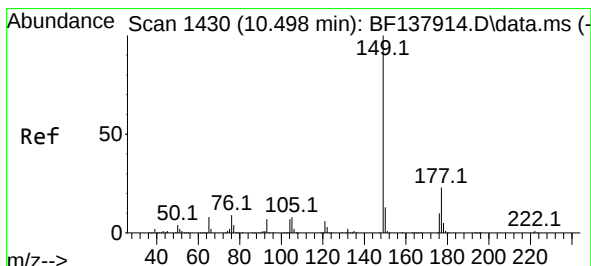
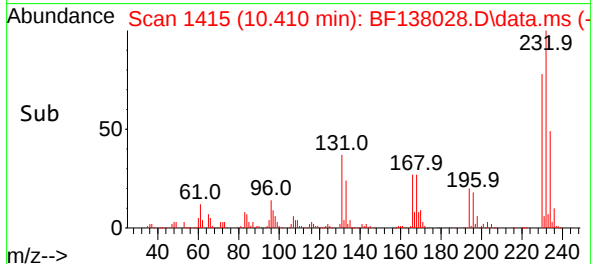
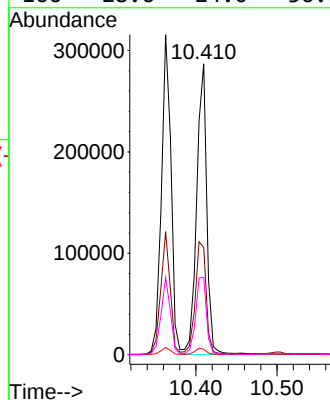
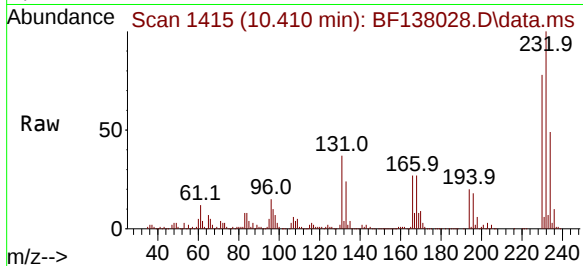
Ion Ratio Lower Upper

232 100

131 41.1 34.4 51.6

130 2.2 1.7 2.5

166 28.6 24.0 36.0



#60

Diethylphthalate

Concen: 51.680 ng

RT: 10.504 min Scan# 1431

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

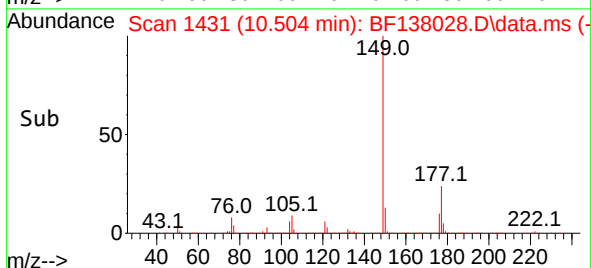
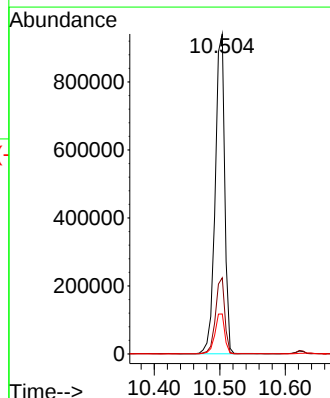
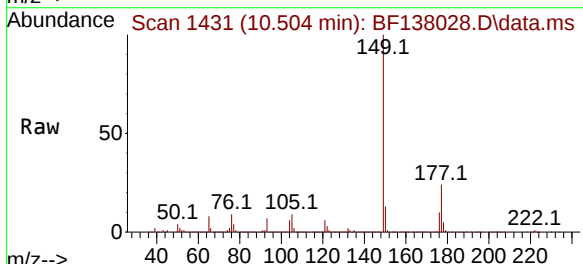
Tgt Ion:149 Resp: 945726

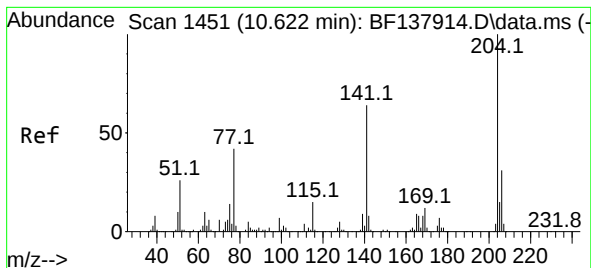
Ion Ratio Lower Upper

149 100

177 23.8 18.4 27.6

150 12.5 10.1 15.1

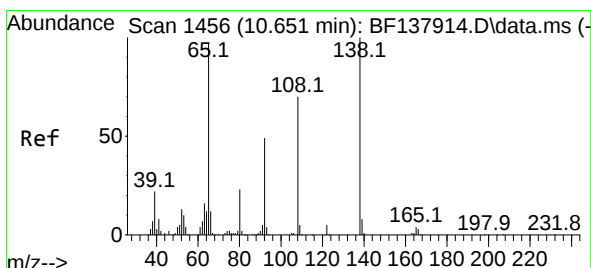
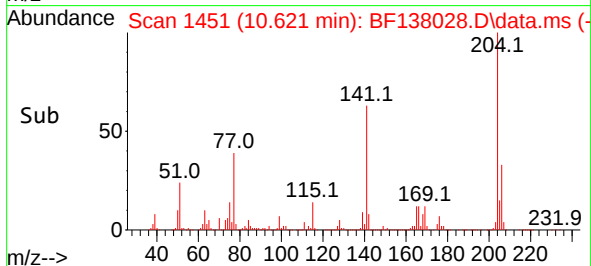
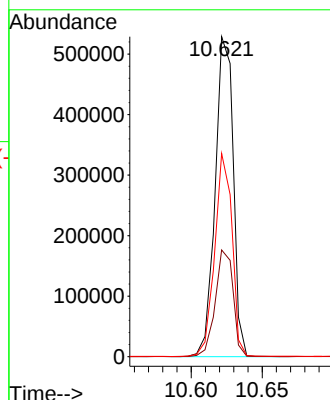
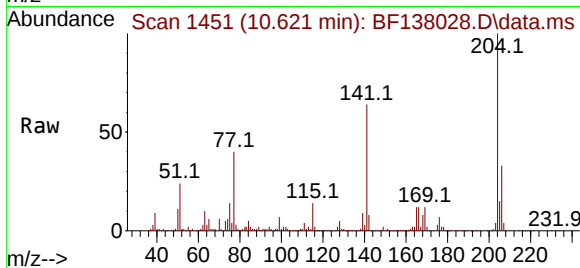




#61
4-Chlorophenyl-phenylether
Concen: 49.455 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

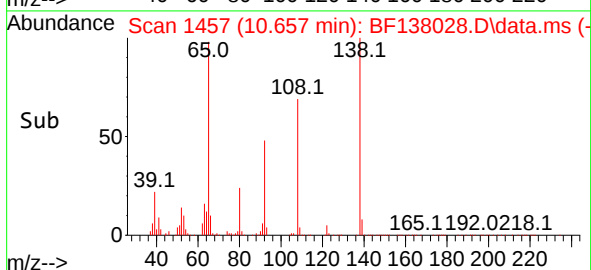
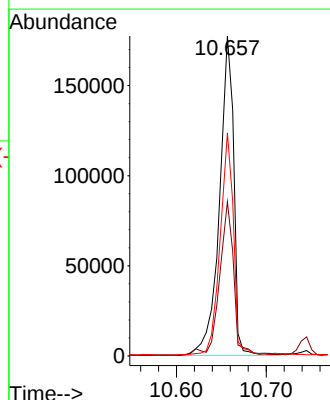
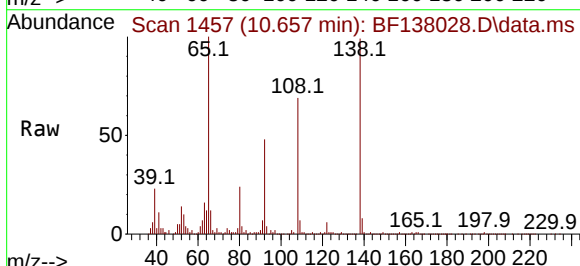
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

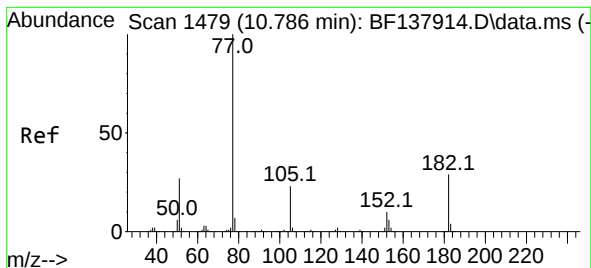
Tgt Ion:204 Resp: 466771
Ion Ratio Lower Upper
204 100
206 33.3 25.1 37.7
141 63.5 51.0 76.6



#62
4-Nitroaniline
Concen: 46.948 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:138 Resp: 195765
Ion Ratio Lower Upper
138 100
92 48.2 29.0 69.0
108 69.7 49.7 89.7





#63

Azobenzene

Concen: 50.173 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

Tgt Ion: 77 Resp: 835147

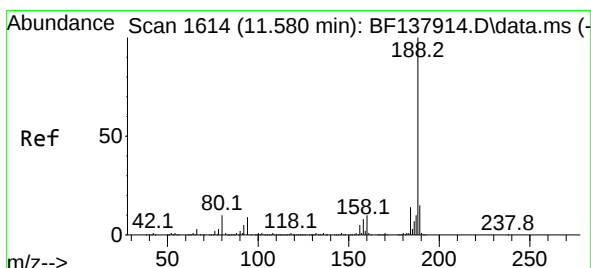
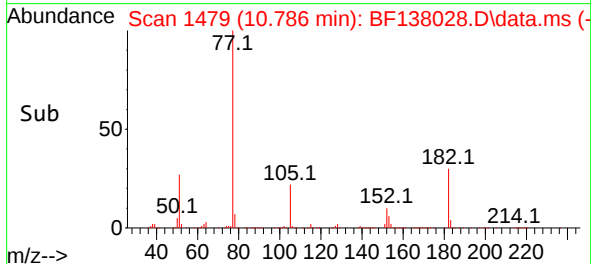
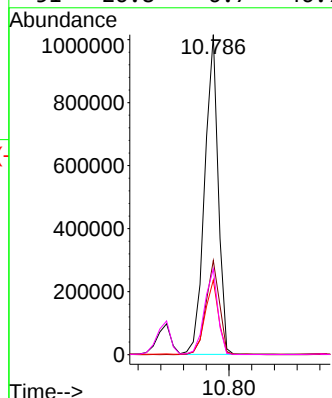
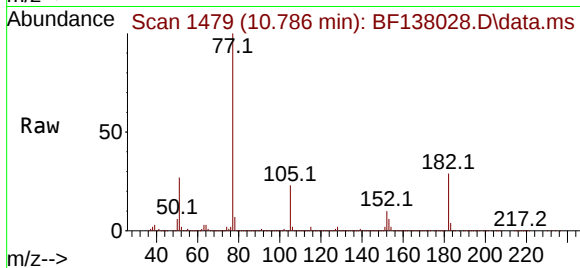
Ion Ratio Lower Upper

77 100

182 29.4 9.2 49.2

105 23.4 3.1 43.1

51 26.8 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

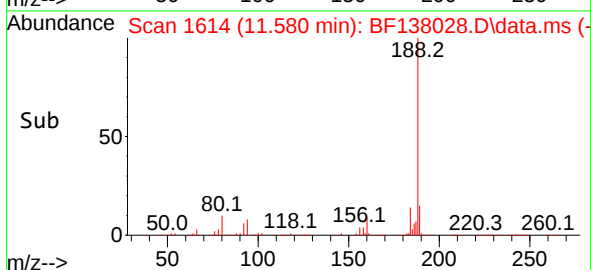
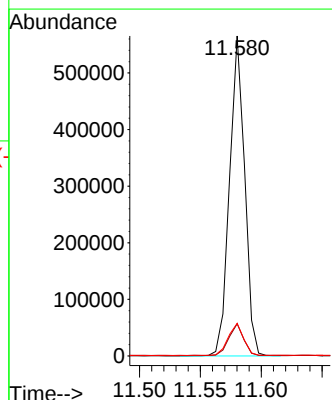
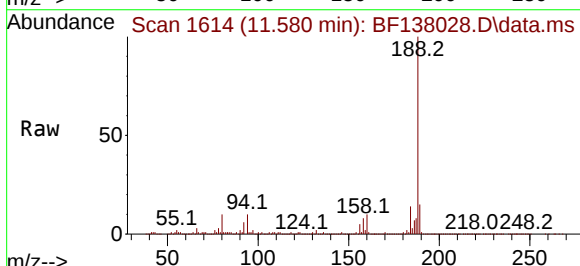
Tgt Ion:188 Resp: 490046

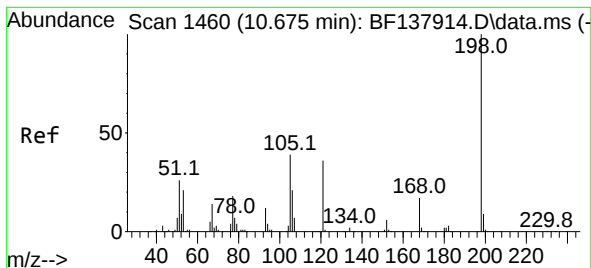
Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 10.2 7.7 11.5

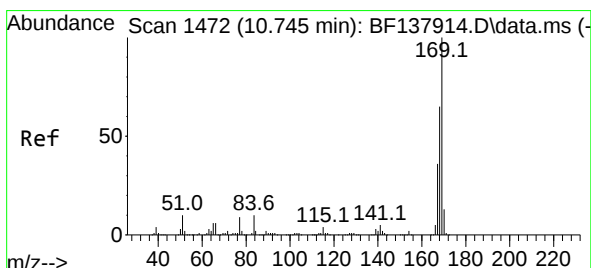
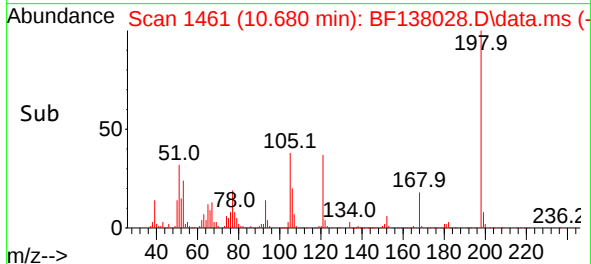
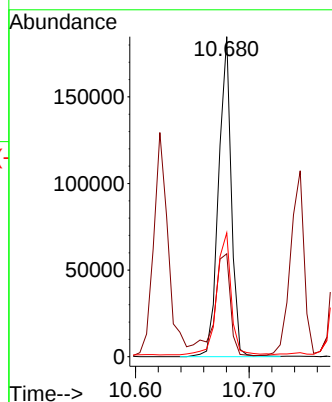
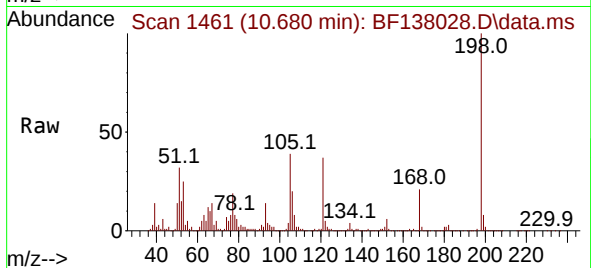




#65
4,6-Dinitro-2-methylphenol
Concen: 50.782 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

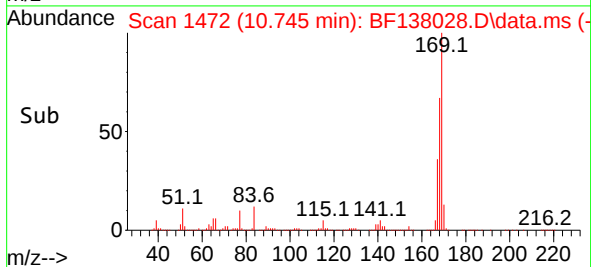
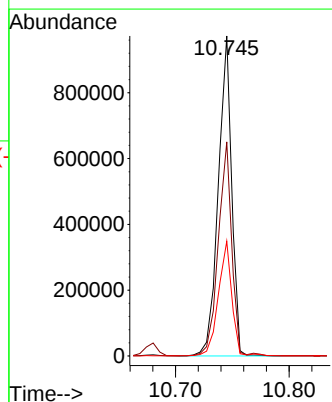
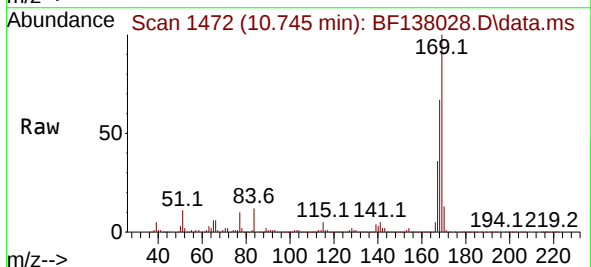
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

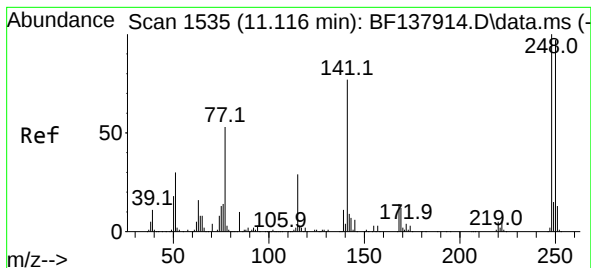
Tgt Ion:198 Resp: 143690
Ion Ratio Lower Upper
198 100
51 32.2 13.8 53.8
105 38.7 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 53.046 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:169 Resp: 797185
Ion Ratio Lower Upper
169 100
168 66.9 52.4 78.6
167 35.9 28.9 43.3

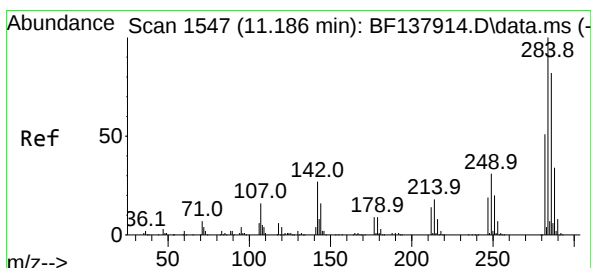
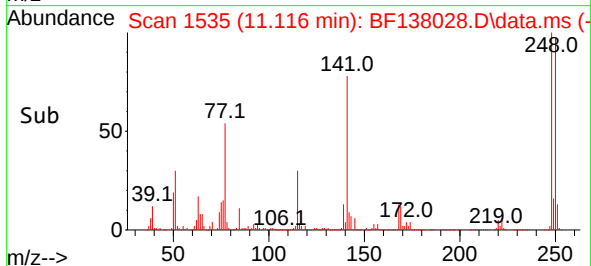
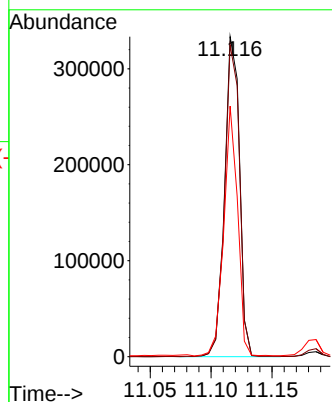
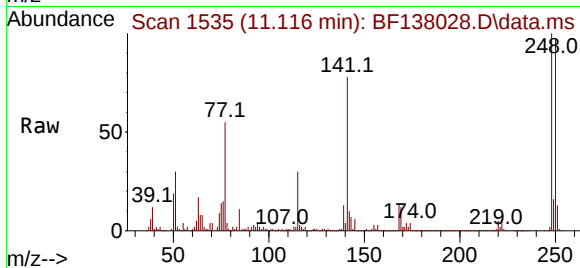




#67
4-Bromophenyl-phenylether
Concen: 53.198 ng
RT: 11.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

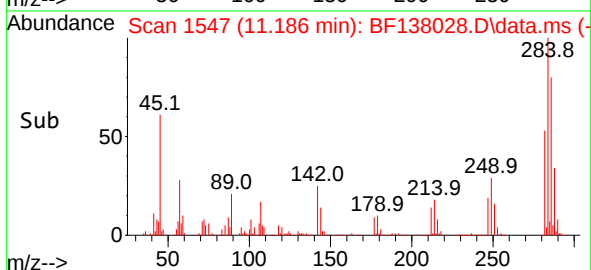
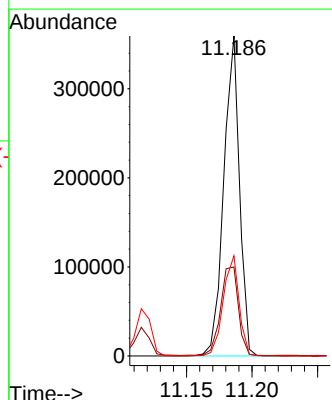
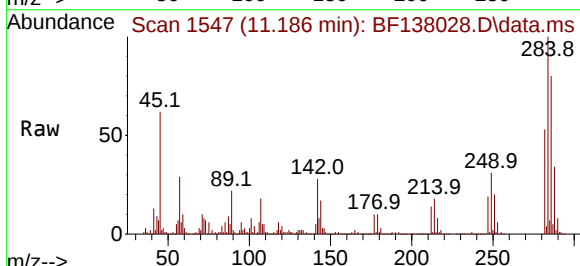
Instrument :
BNA_F
ClientSampleId :
COMP-1MS

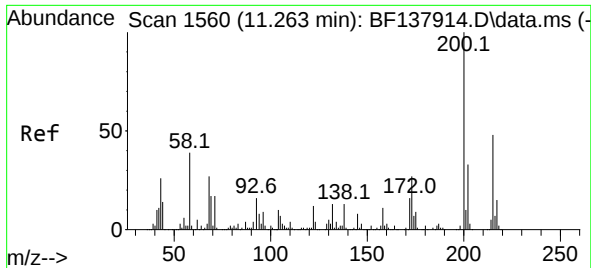
Tgt Ion:248 Resp: 285795
Ion Ratio Lower Upper
248 100
250 97.4 77.6 116.4
141 78.3 61.4 92.2



#68
Hexachlorobenzene
Concen: 50.127 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:284 Resp: 297677
Ion Ratio Lower Upper
284 100
142 27.8 21.3 31.9
249 31.3 24.6 37.0

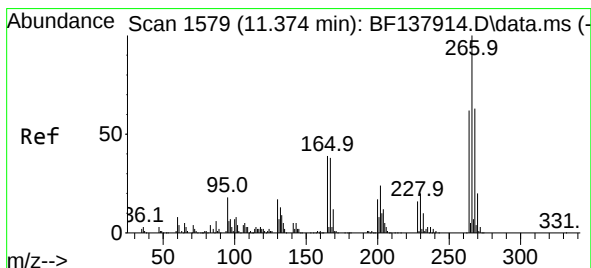
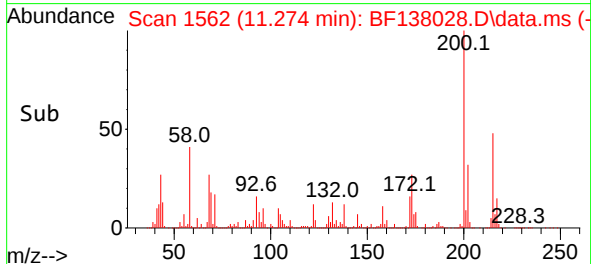
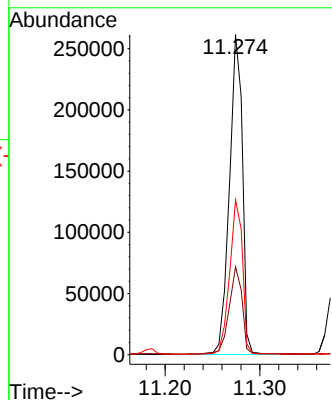
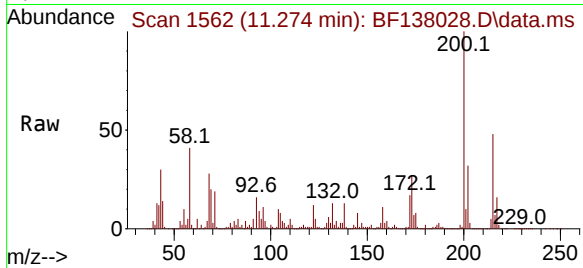




#69
 Atrazine
 Concen: 60.722 ng
 RT: 11.274 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138028.D
 Acq: 23 May 2024 15:30

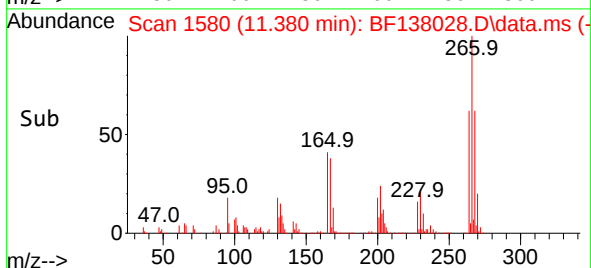
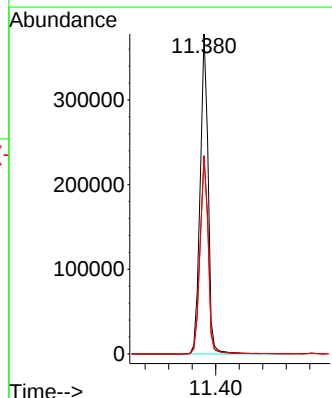
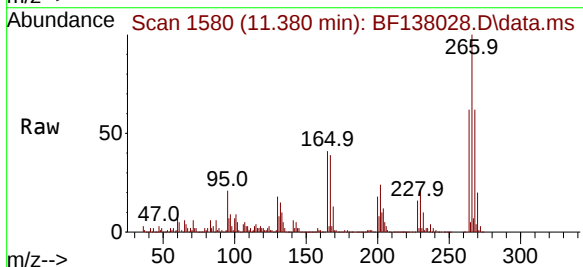
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MS

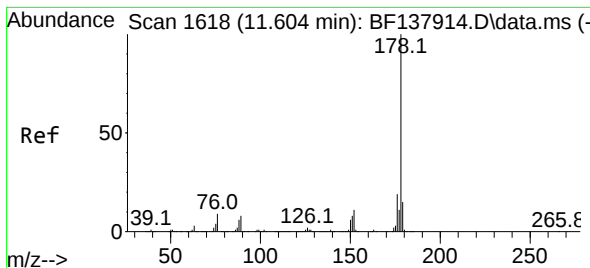
Tgt Ion:200 Resp: 249186
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.6 46.6
 215 48.3 27.5 67.5



#70
 Pentachlorophenol
 Concen: 102.347 ng
 RT: 11.380 min Scan# 1580
 Delta R.T. 0.006 min
 Lab File: BF138028.D
 Acq: 23 May 2024 15:30

Tgt Ion:266 Resp: 356021
 Ion Ratio Lower Upper
 266 100
 268 61.8 50.1 75.1
 264 62.0 49.4 74.2





#71

Phenanthrene

Concen: 49.946 ng

RT: 11.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

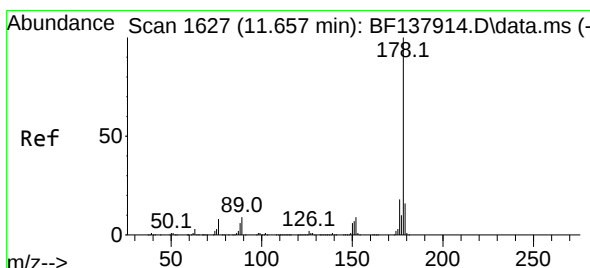
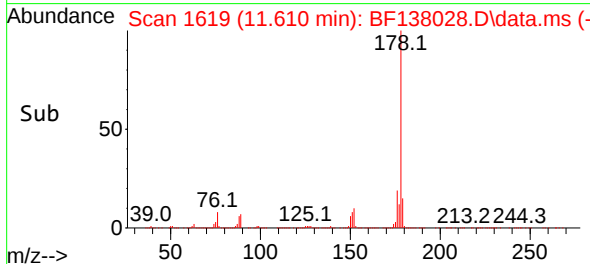
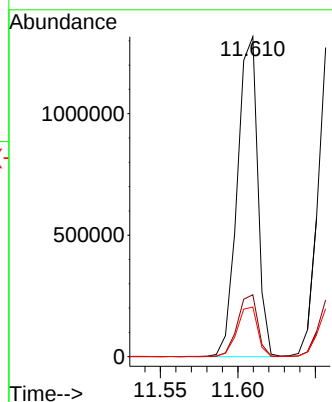
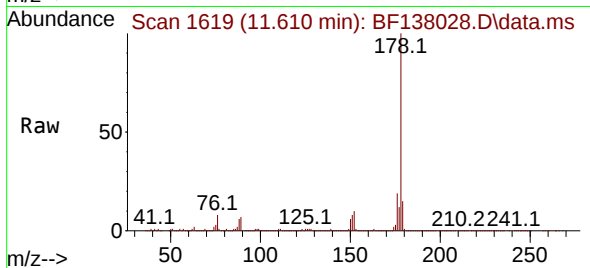
Tgt Ion:178 Resp: 1206144

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 51.515 ng

RT: 11.663 min Scan# 1628

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

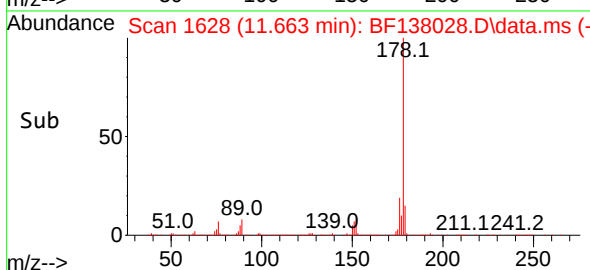
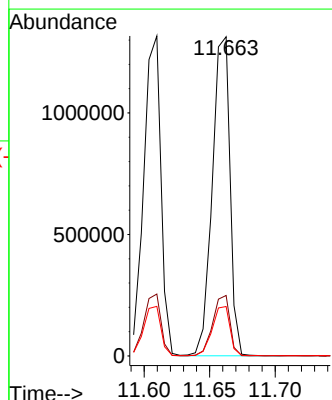
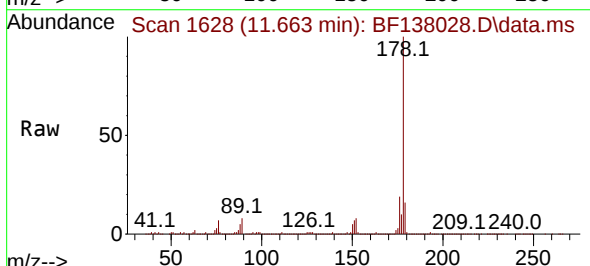
Tgt Ion:178 Resp: 1234313

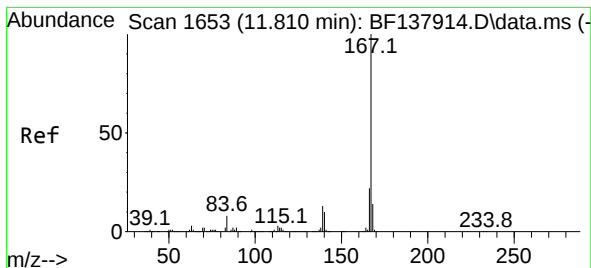
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.544 ng

RT: 11.810 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

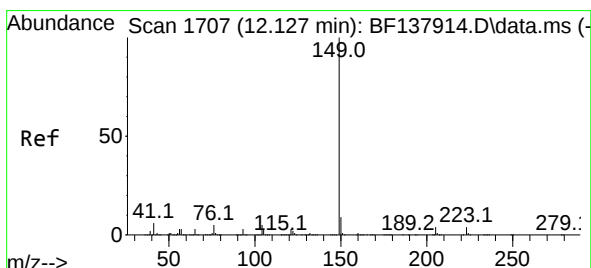
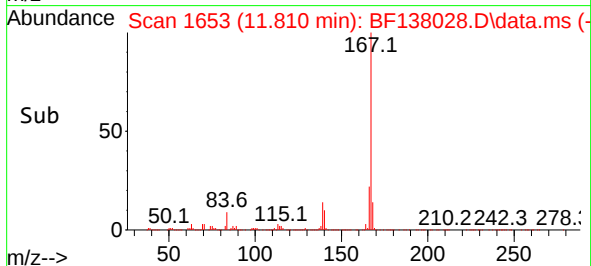
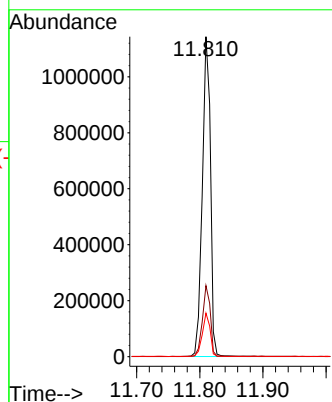
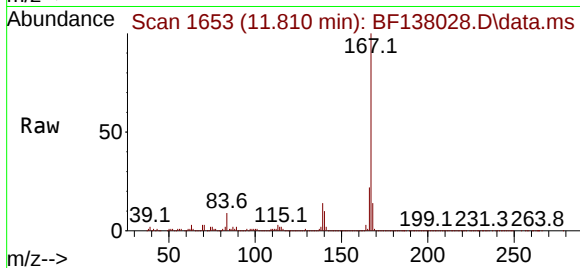
Tgt Ion:167 Resp: 1018730

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 13.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 54.674 ng

RT: 12.127 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

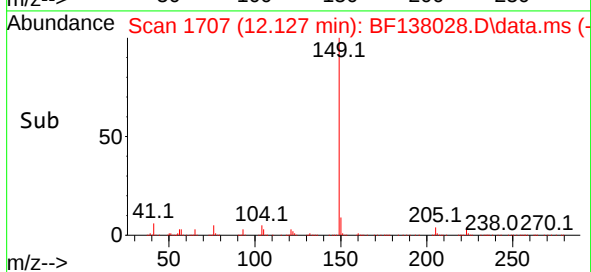
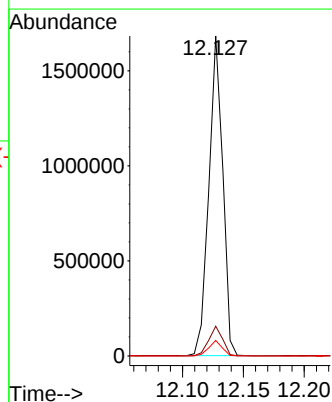
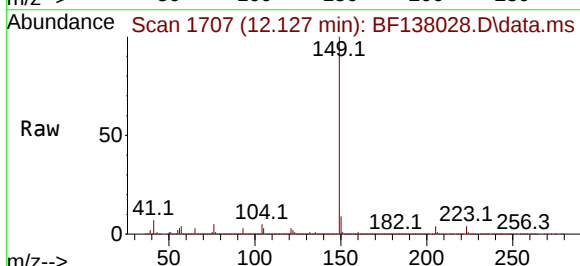
Tgt Ion:149 Resp: 1328050

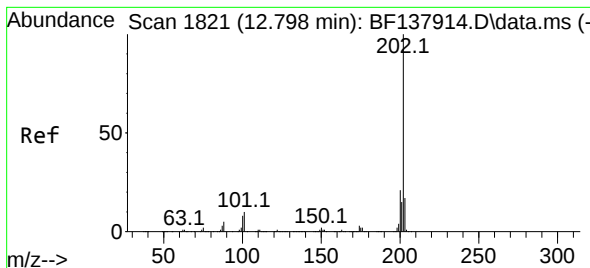
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 43.714 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

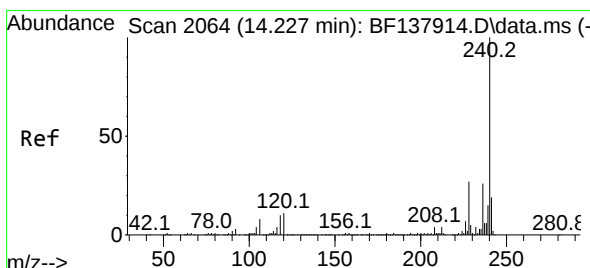
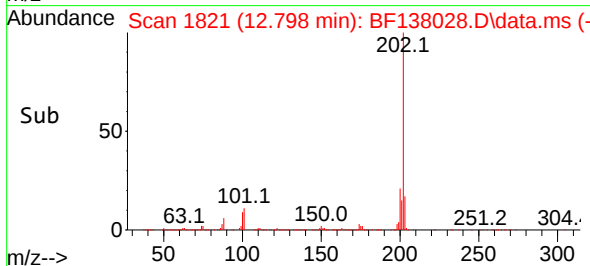
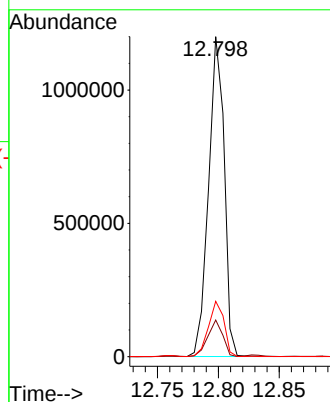
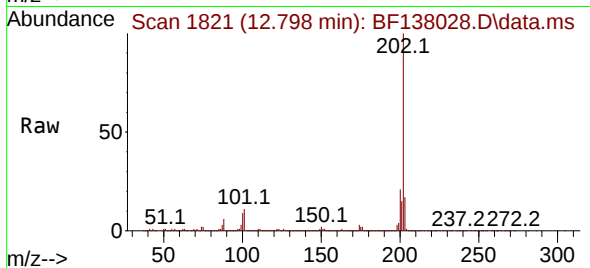
Tgt Ion:202 Resp: 1071502

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.5

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

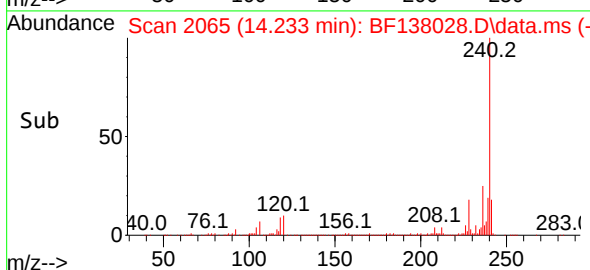
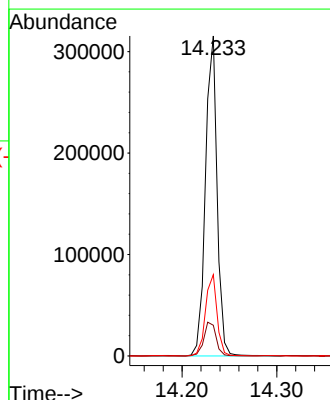
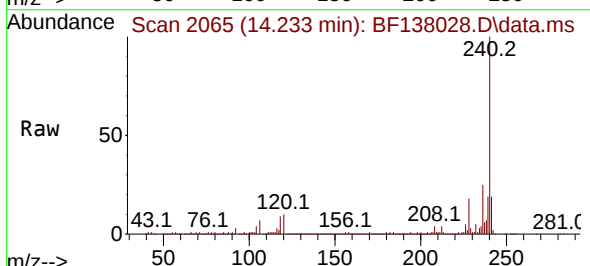
Tgt Ion:240 Resp: 268822

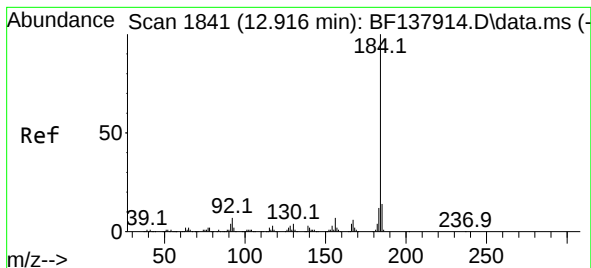
Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

236 25.4 21.0 31.4





#77

Benzidine

Concen: 3.658 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.005 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

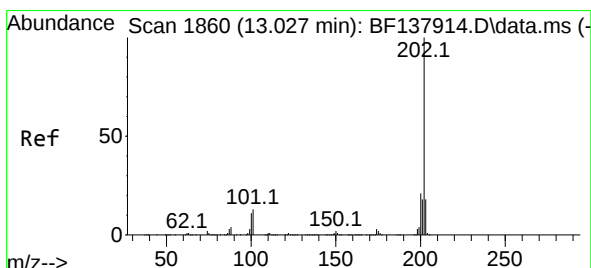
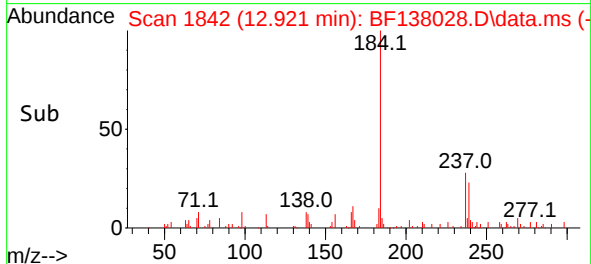
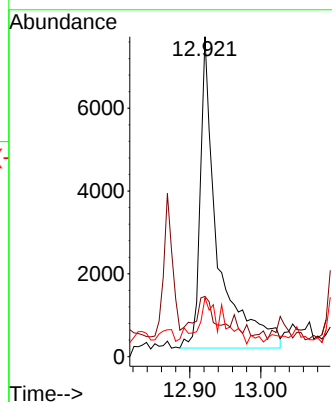
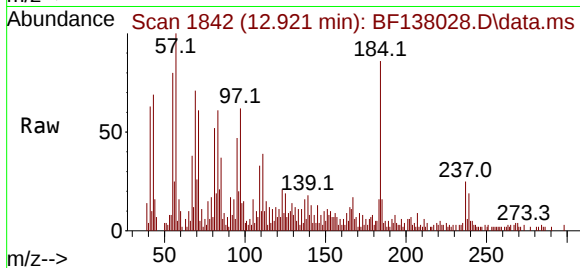
Tgt Ion:184 Resp: 12851

Ion Ratio Lower Upper

184 100

185 18.9 11.4 17.2#

183 18.3 9.5 14.3#



#78

Pyrene

Concen: 44.309 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

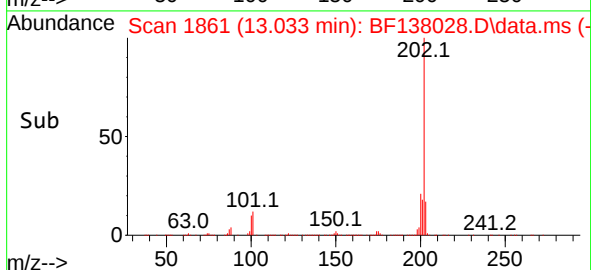
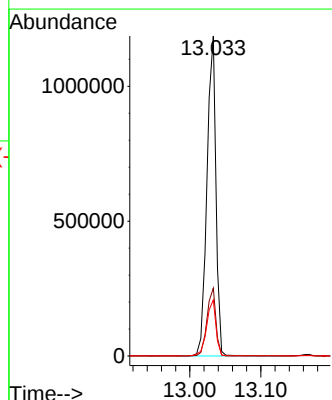
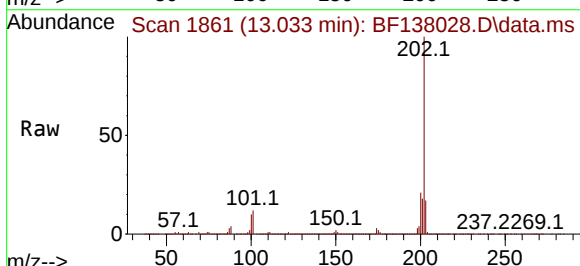
Tgt Ion:202 Resp: 1041798

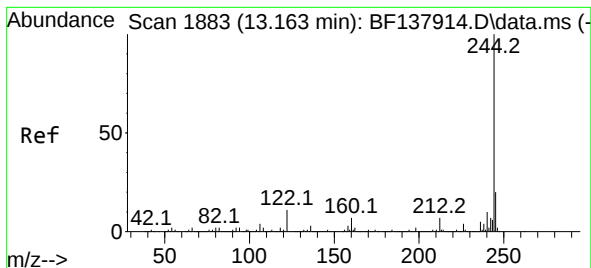
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 88.135 ng

RT: 13.168 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

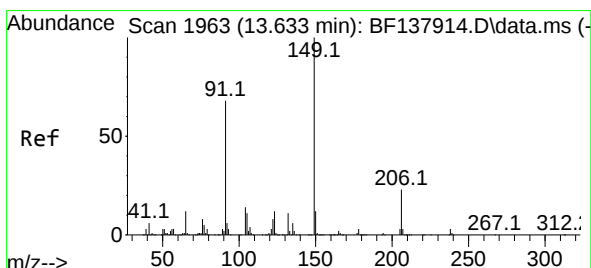
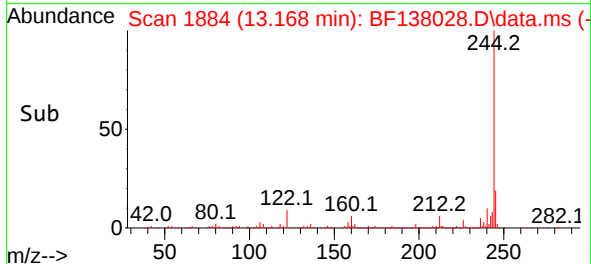
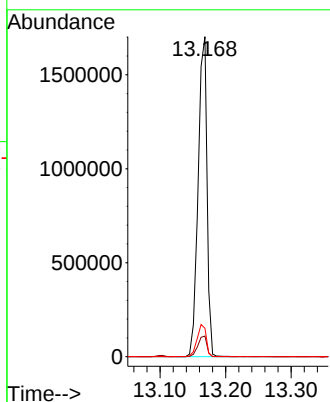
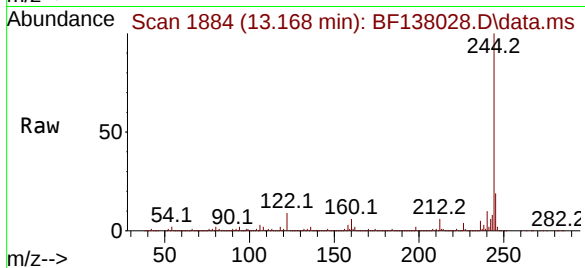
Tgt Ion:244 Resp: 1607591

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 8.9 8.8 13.2



#80

Butylbenzylphthalate

Concen: 58.774 ng

RT: 13.633 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

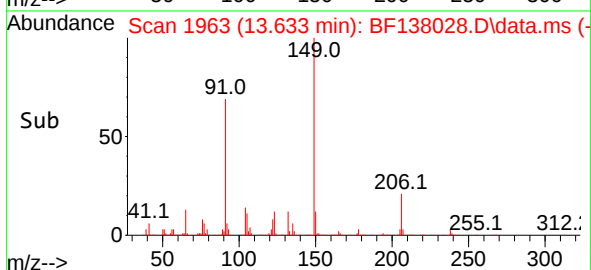
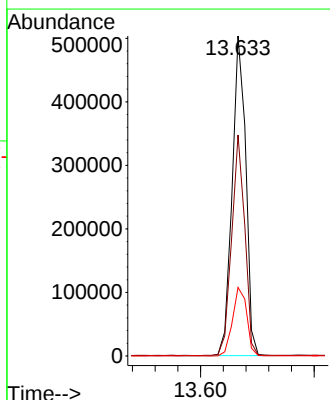
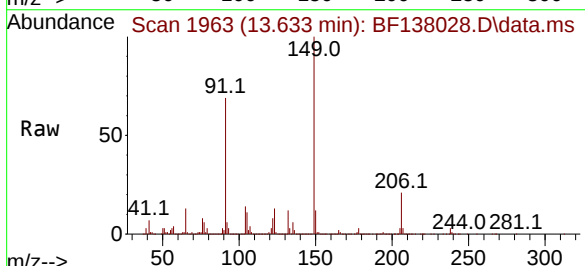
Tgt Ion:149 Resp: 416822

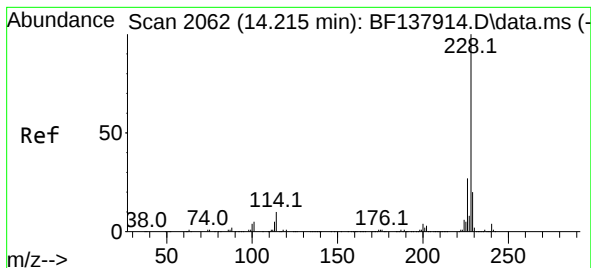
Ion Ratio Lower Upper

149 100

91 69.1 54.2 81.4

206 21.4 18.1 27.1





#81

Benzo(a)anthracene

Concen: 52.070 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

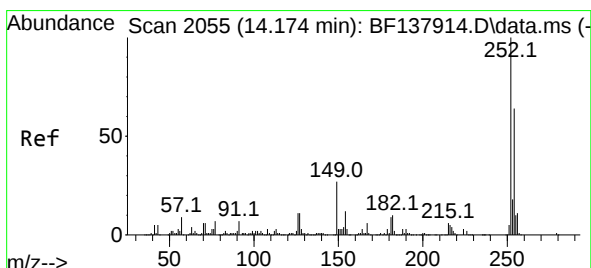
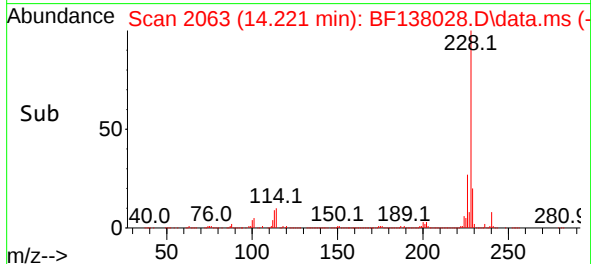
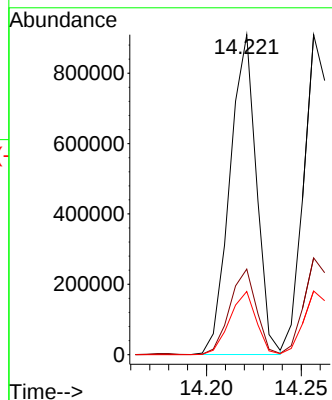
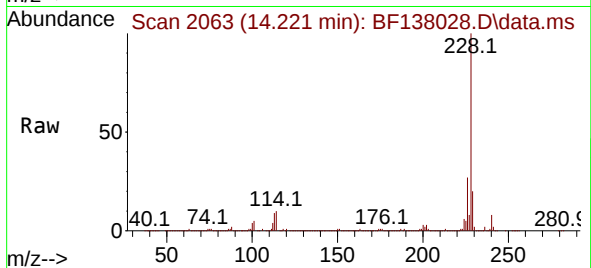
Tgt Ion:228 Resp: 885568

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 39.658 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

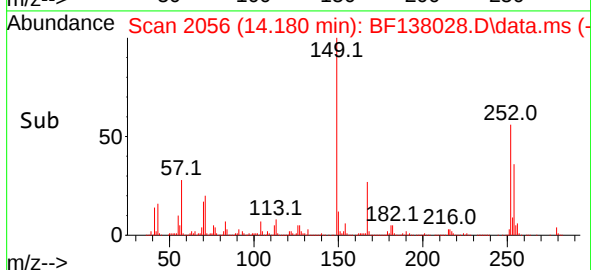
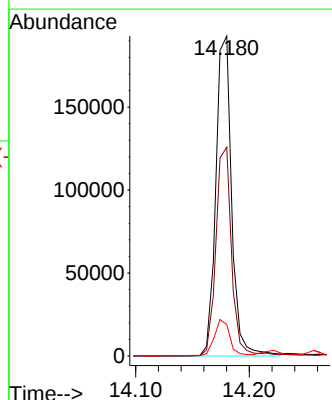
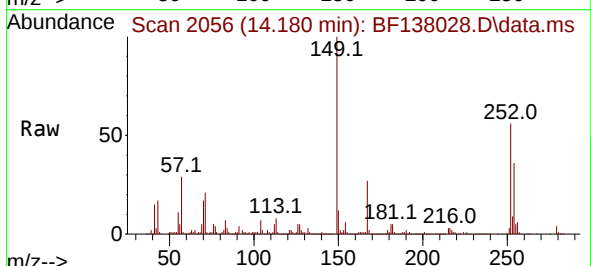
Tgt Ion:252 Resp: 186919

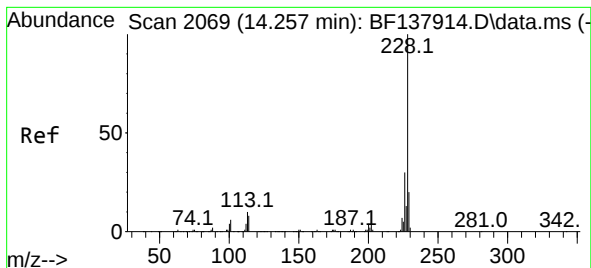
Ion Ratio Lower Upper

252 100

254 65.2 51.2 76.8

126 9.8 8.7 13.1





#83

Chrysene

Concen: 51.112 ng

RT: 14.257 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

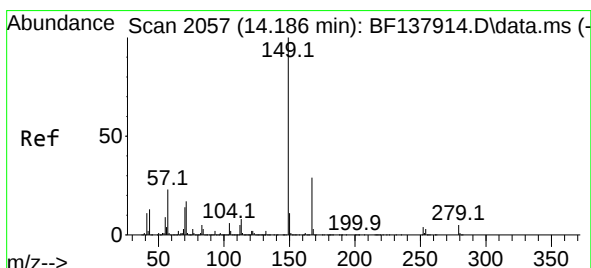
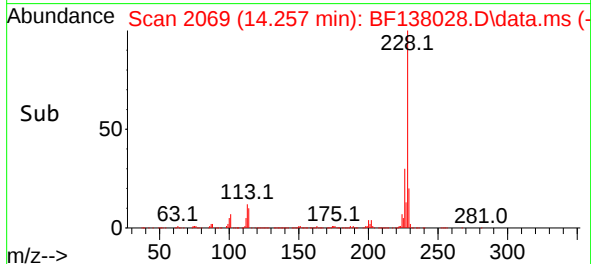
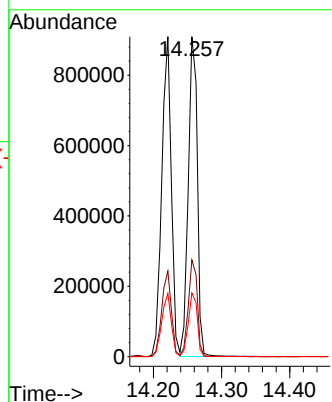
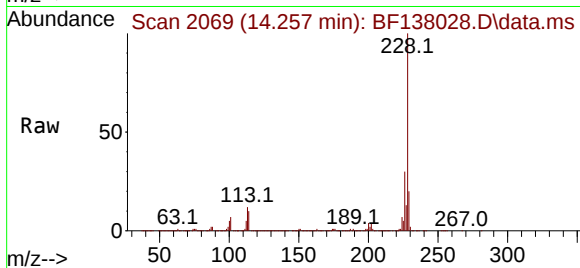
Tgt Ion:228 Resp: 831354

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.512 ng

RT: 14.186 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

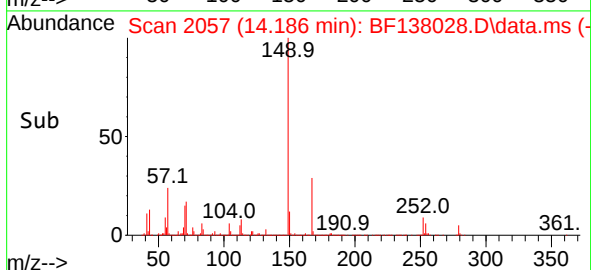
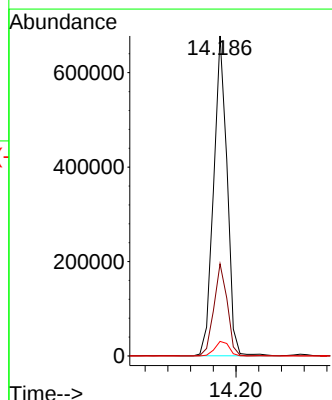
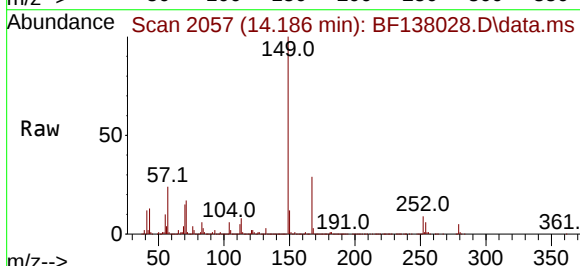
Tgt Ion:149 Resp: 557293

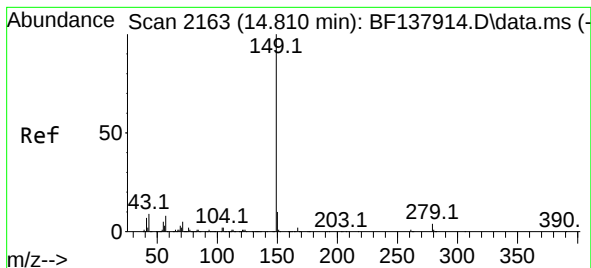
Ion Ratio Lower Upper

149 100

167 28.8 23.2 34.8

279 4.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 76.665 ng

RT: 14.815 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

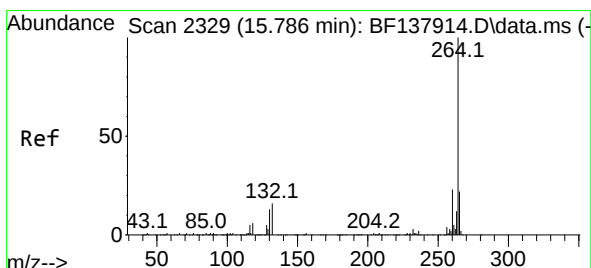
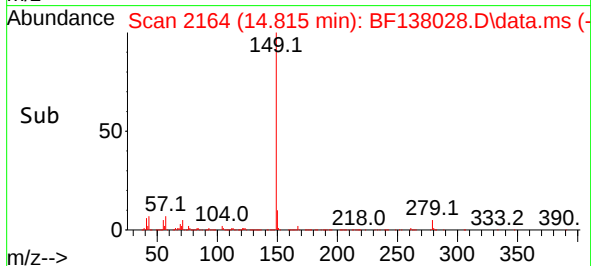
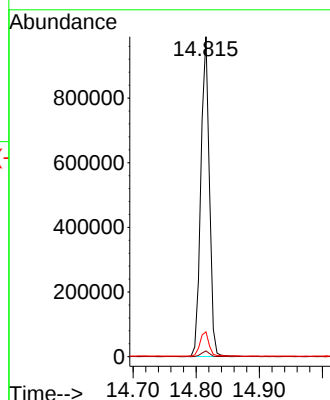
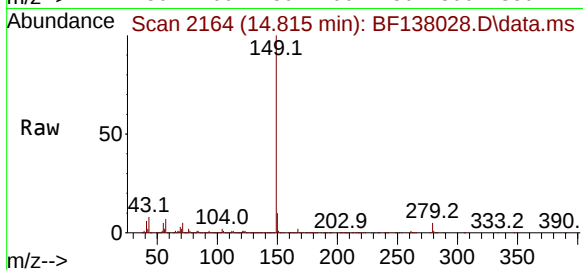
Tgt Ion:149 Resp: 923325

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.3 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

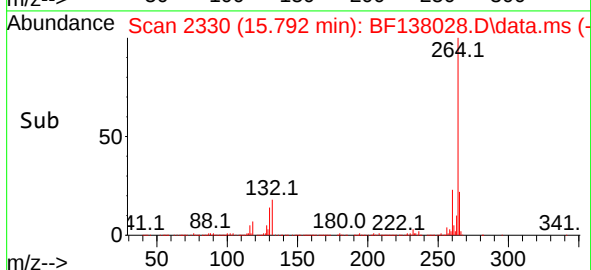
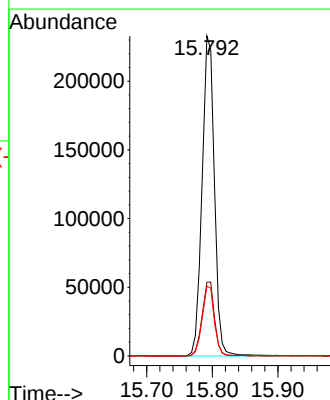
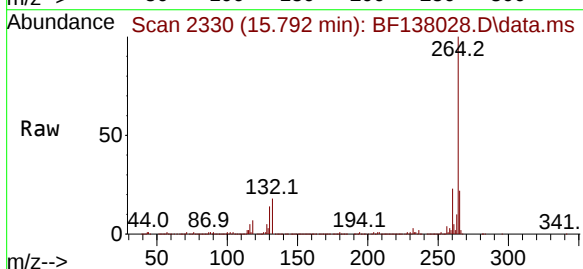
Tgt Ion:264 Resp: 305622

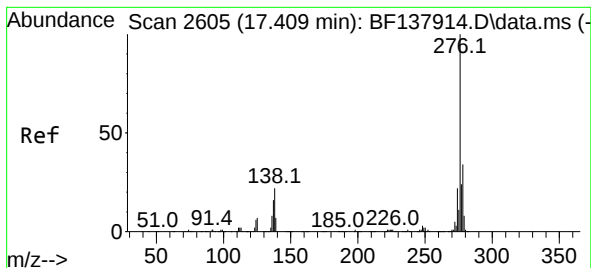
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.8 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.792 ng

RT: 17.427 min Scan# 2

Delta R.T. 0.018 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

Instrument :

BNA_F

ClientSampleId :

COMP-1MS

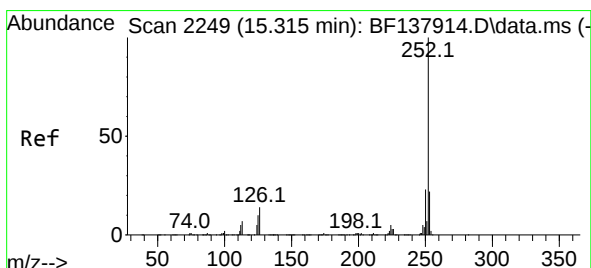
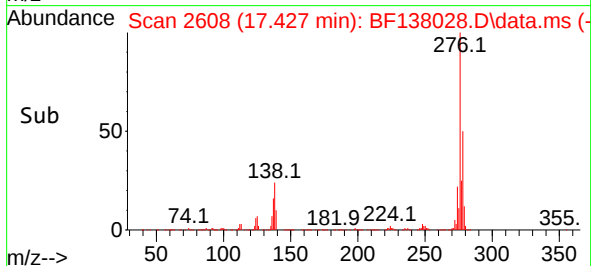
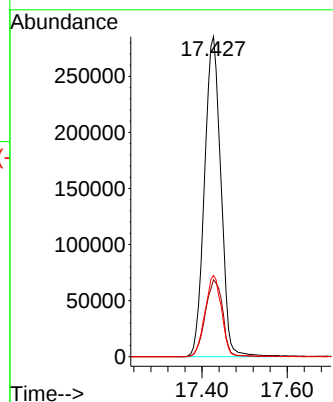
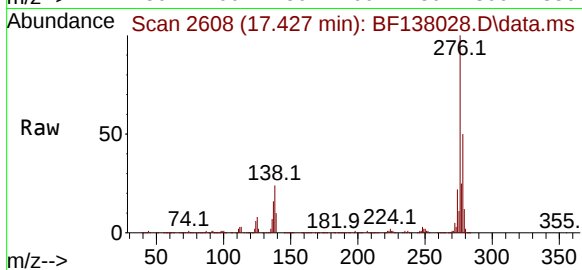
Tgt Ion:276 Resp: 761703

Ion Ratio Lower Upper

276 100

138 25.4 20.6 30.8

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.678 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138028.D

Acq: 23 May 2024 15:30

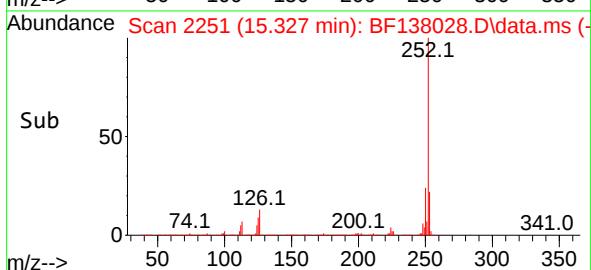
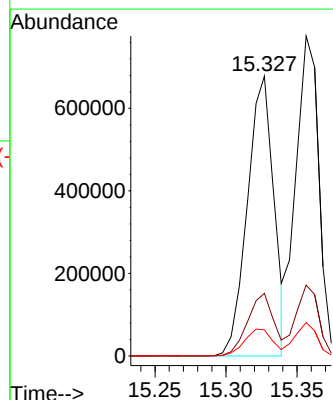
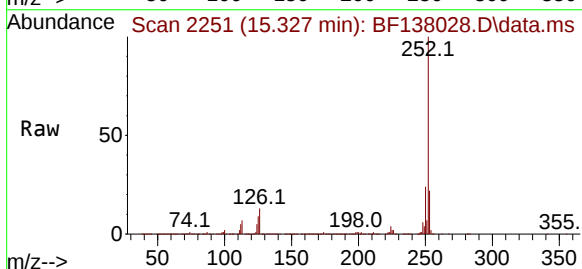
Tgt Ion:252 Resp: 879091

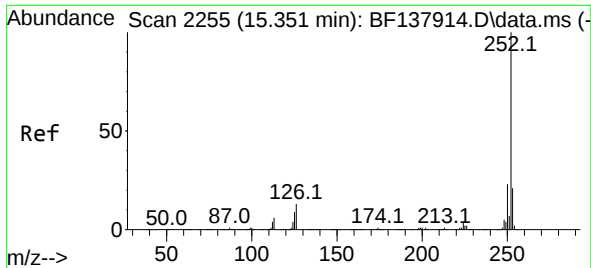
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

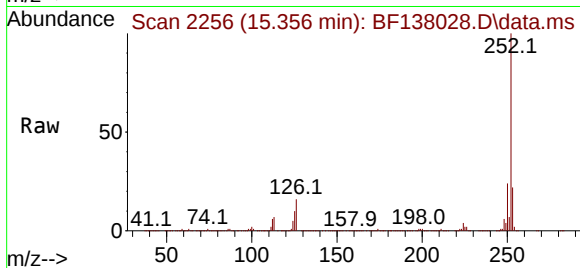
125 9.3 8.2 12.4



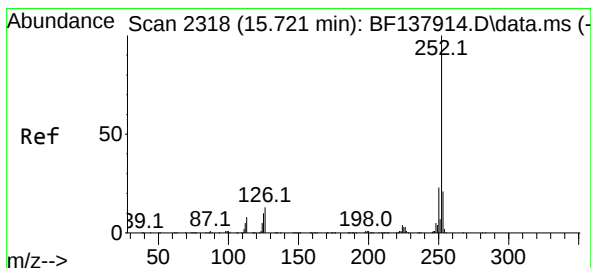
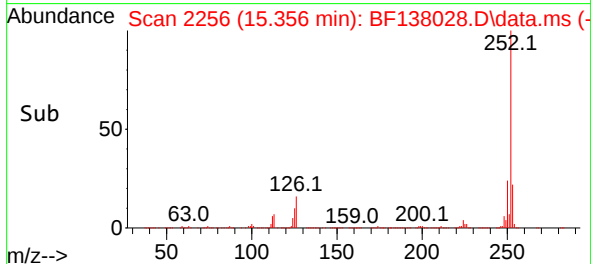
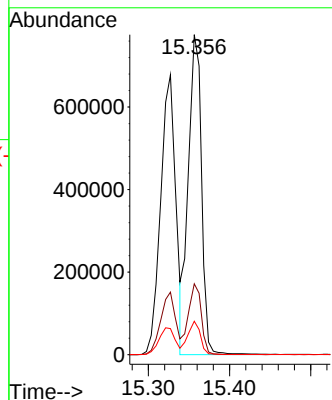


#89
Benzo(k)fluoranthene
Concen: 50.588 ng
RT: 15.356 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

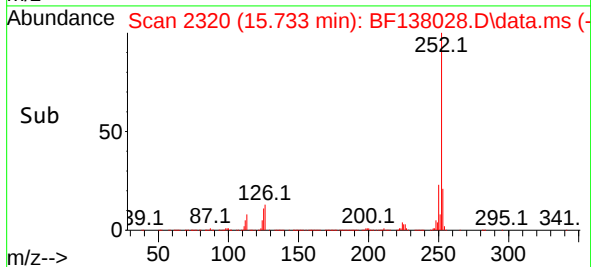
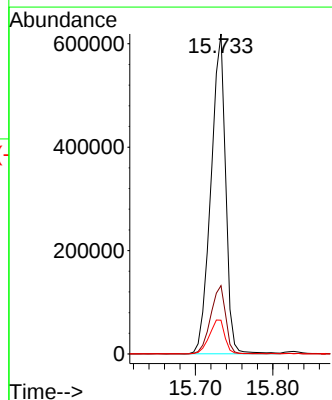
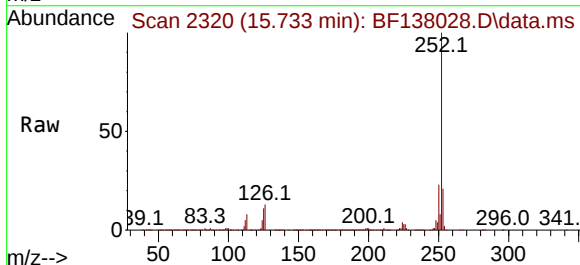


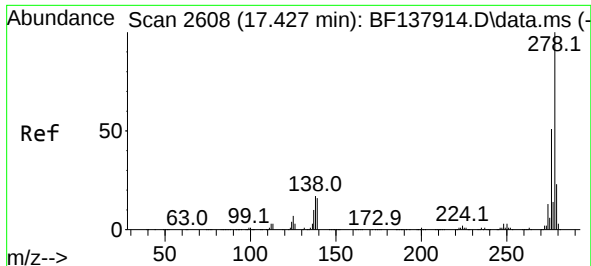
Tgt Ion:252 Resp: 879430
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 54.078 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.012 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

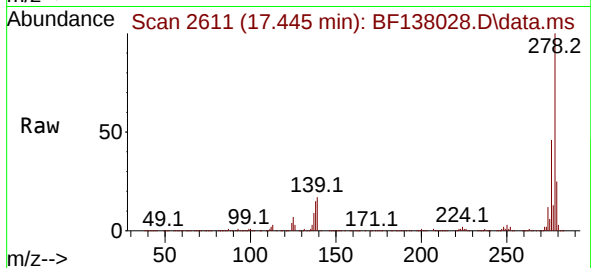
Tgt Ion:252 Resp: 817137
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 10.6 7.8 11.8



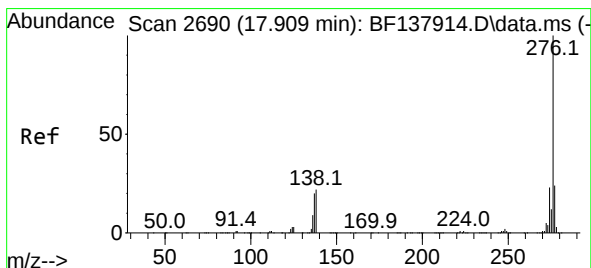
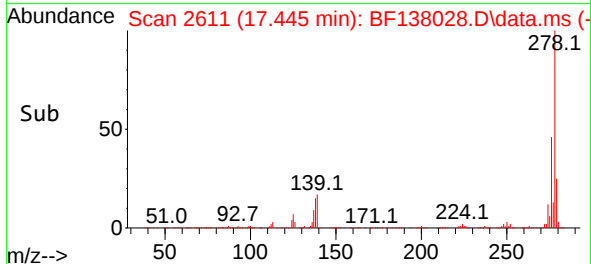
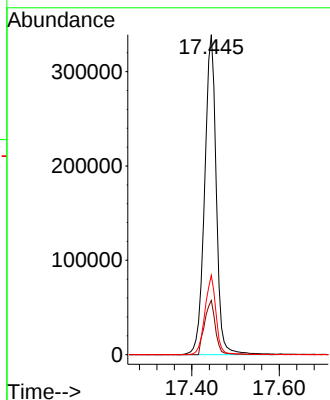


#91
Dibenzo(a,h)anthracene
Concen: 38.765 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.018 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Instrument :
BNA_F
ClientSampleId :
COMP-1MS



Tgt Ion:278 Resp: 628890
Ion Ratio Lower Upper
278 100
139 16.9 13.1 19.7
279 24.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 31.079 ng
RT: 17.921 min Scan# 2692
Delta R.T. 0.012 min
Lab File: BF138028.D
Acq: 23 May 2024 15:30

Tgt Ion:276 Resp: 529659
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 21.0 17.6 26.4

