

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139022.D
 Acq On : 15 Aug 2024 14:52
 Operator : RC/JU
 Sample : P3574-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-06-202408MSD

Quant Time: Aug 15 15:22:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	35263	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	138858	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	74874	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	119120	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	59185	20.000	ng	0.00
86) Perylene-d12	15.468	264	68182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	317246	138.876	ng	0.02
7) Phenol-d6	6.493	99	407609	132.900	ng	0.00
23) Nitrobenzene-d5	7.404	82	295781	104.143	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	102813	167.634	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	537999	107.960	ng	-0.01
79) Terphenyl-d14	12.939	244	453630	128.326	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	40366	40.361	ng	# 81
3) Pyridine	3.499	79	77107	31.827	ng	94
4) n-Nitrosodimethylamine	3.422	42	82411	57.114	ng	82
6) Aniline	6.510	93	77415	28.303	ng	# 12
8) 2-Chlorophenol	6.634	128	120239	50.028	ng	98
9) Benzaldehyde	6.398	77	54825	29.820	ng	98
10) Phenol	6.504	94	146943	45.504	ng	87
11) bis(2-Chloroethyl)ether	6.575	93	118142	47.542	ng	98
12) 1,3-Dichlorobenzene	6.775	146	125514	46.653	ng	97
13) 1,4-Dichlorobenzene	6.857	146	129970	47.870	ng	99
14) 1,2-Dichlorobenzene	7.004	146	122607	48.320	ng	98
15) Benzyl Alcohol	6.993	79	121562	54.992	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	209538	48.997	ng	# 49
17) 2-Methylphenol	7.104	107	96673	48.711	ng	# 85
18) Hexachloroethane	7.340	117	50320	49.236	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	100572	54.292	ng	96
20) 3+4-Methylphenols	7.263	107	131098	51.485	ng	# 70
22) Acetophenone	7.251	105	183160	53.872	ng	99
24) Nitrobenzene	7.428	77	146170	50.577	ng	99
25) Isophorone	7.663	82	260776	53.772	ng	97
26) 2-Nitrophenol	7.740	139	64223	51.652	ng	91
27) 2,4-Dimethylphenol	7.781	122	96599	64.933	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	148050	50.130	ng	99
29) 2,4-Dichlorophenol	7.992	162	101311	52.997	ng	100
30) 1,2,4-Trichlorobenzene	8.057	180	105782	47.950	ng	98
31) Naphthalene	8.140	128	361162	49.413	ng	99
32) Benzoic acid	7.934	122	53521	45.767	ng	95
33) 4-Chloroaniline	8.198	127	44788	18.255	ng	97
34) Hexachlorobutadiene	8.251	225	68301	51.115	ng	98
35) Caprolactam	8.575	113	16046	28.131	ng	95
36) 4-Chloro-3-methylphenol	8.692	107	121976	55.831	ng	99
37) 2-Methylnaphthalene	8.828	142	245790	53.247	ng	100
38) 1-Methylnaphthalene	8.928	142	224082	49.539	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	109120	52.464	ng	99
41) Hexachlorocyclopentadiene	8.975	237	76513	133.847	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	67580	53.290	ng	97

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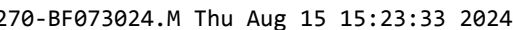
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	74530	53.760	ng	98
46) 1,1'-Biphenyl	9.292	154	311718	53.158	ng	99
47) 2-Chloronaphthalene	9.316	162	227855	52.245	ng	99
48) 2-Nitroaniline	9.428	65	87585	59.238	ng	95
49) Acenaphthylene	9.734	152	354923	57.379	ng	100
50) Dimethylphthalate	9.592	163	287379	60.026	ng	99
51) 2,6-Dinitrotoluene	9.663	165	60410	55.911	ng	# 80
52) Acenaphthene	9.904	154	232415	55.895	ng	99
53) 3-Nitroaniline	9.839	138	30123	26.969	ng	96
54) 2,4-Dinitrophenol	9.957	184	61990	124.635	ng	# 80
55) Dibenzofuran	10.075	168	331996	56.563	ng	96
56) 4-Nitrophenol	10.022	139	52266	77.814	ng	# 82
57) 2,4-Dinitrotoluene	10.075	165	80154	58.146	ng	# 75
58) Fluorene	10.422	166	267914	57.319	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	62591	59.054	ng	95
60) Diethylphthalate	10.292	149	275133	60.610	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	131211	57.078	ng	97
62) 4-Nitroaniline	10.457	138	48682	45.863	ng	86
63) Azobenzene	10.569	77	288936	57.389	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	43853	60.343	ng	91
66) n-Nitrosodiphenylamine	10.533	169	225188	60.479	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	75853	58.815	ng	98
68) Hexachlorobenzene	10.969	284	77028	57.845	ng	99
69) Atrazine	11.057	200	58281	60.668	ng	98
70) Pentachlorophenol	11.175	266	58186	96.941	ng	98
71) Phenanthrene	11.386	178	370262	60.365	ng	99
72) Anthracene	11.433	178	376445	62.299	ng	100
73) Carbazole	11.598	167	291831	55.979	ng	98
74) Di-n-butylphthalate	11.910	149	369781	63.097	ng	100
75) Fluoranthene	12.569	202	307975	53.783	ng	98
77) Benzidine	12.698	184	33086	23.372	ng	98
78) Pyrene	12.804	202	310094	55.648	ng	99
80) Butylbenzylphthalate	13.410	149	113855	63.804	ng	100
81) Benzo(a)anthracene	13.992	228	238877	58.611	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	44527	42.693	ng	98
83) Chrysene	14.027	228	214533	58.345	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	159611	61.083	ng	98
85) Di-n-octyl phthalate	14.574	149	284803	58.910	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	241829	49.493	ng	96
88) Benzo(b)fluoranthene	15.039	252	234282	55.430	ng	98
89) Benzo(k)fluoranthene	15.068	252	201750	55.131	ng	99
90) Benzo(a)pyrene	15.410	252	227822	64.081	ng	# 98
91) Dibenzo(a,h)anthracene	16.951	278	195638	48.776	ng	98
92) Benzo(g,h,i)perylene	17.386	276	169112	40.631	ng	97

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

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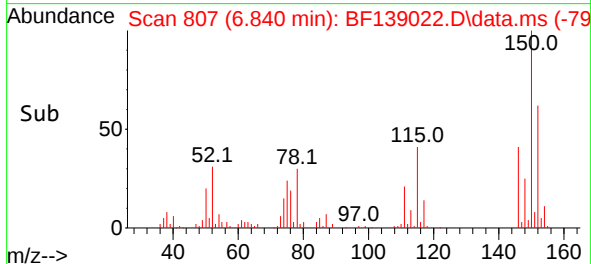
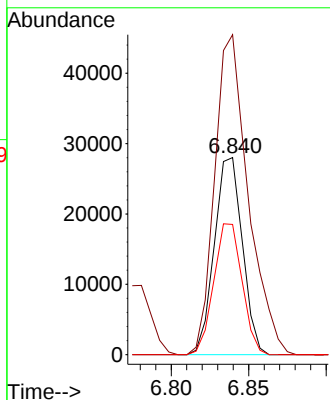
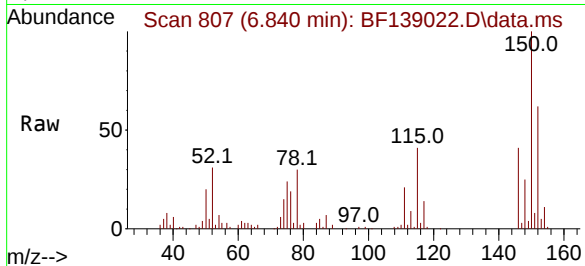




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF139022.D
 Acq: 15 Aug 2024 14:52

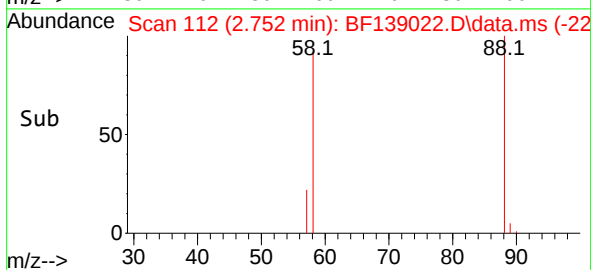
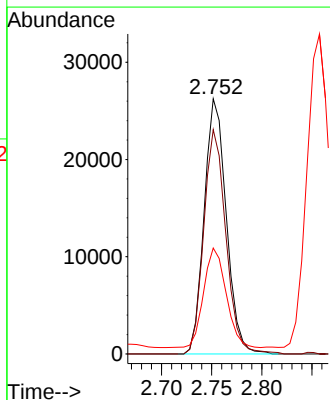
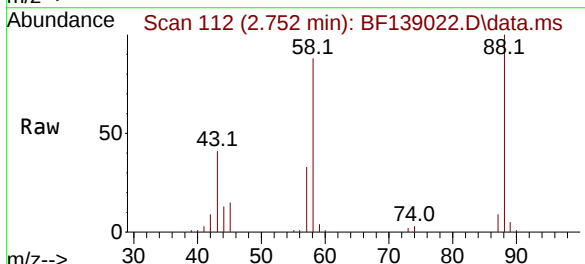
Instrument :
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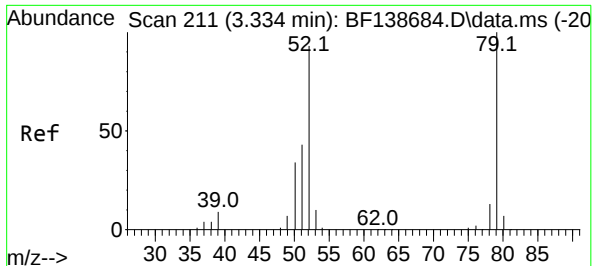
Tgt Ion:152 Resp: 35263
 Ion Ratio Lower Upper
 152 100
 150 162.3 126.0 189.0
 115 66.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 40.361 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.177 min
 Lab File: BF139022.D
 Acq: 15 Aug 2024 14:52

Tgt Ion: 88 Resp: 40366
 Ion Ratio Lower Upper
 88 100
 58 87.9 71.6 107.4
 43 0.0 28.7 43.1#

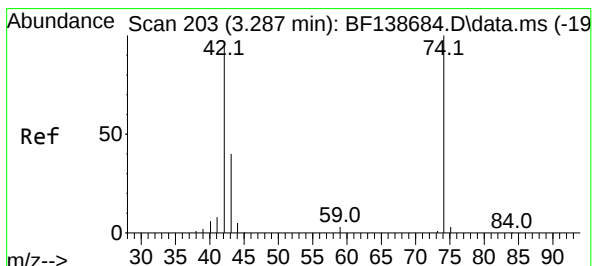
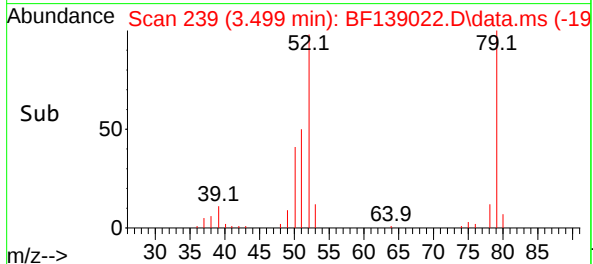
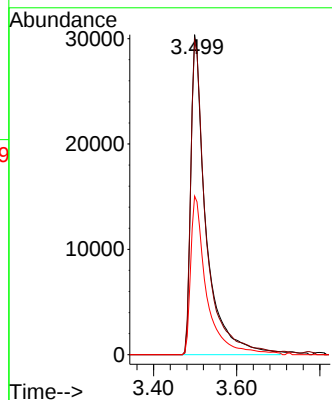
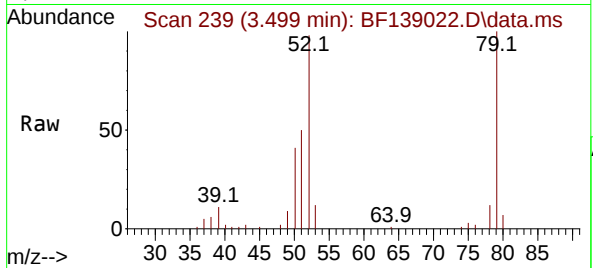




#3
Pyridine
Concen: 31.827 ng
RT: 3.499 min Scan# 211
Delta R.T. 0.165 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

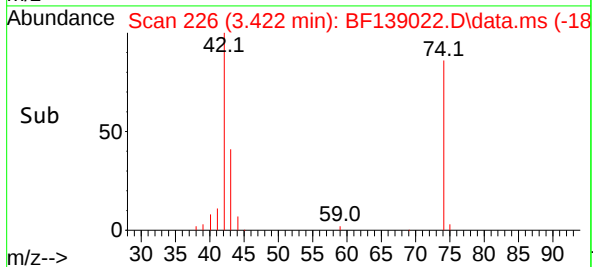
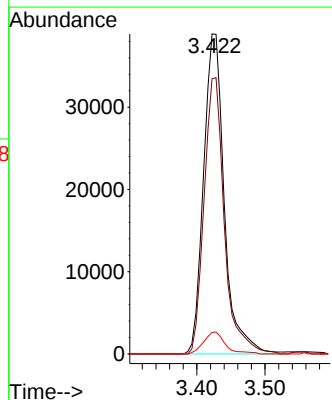
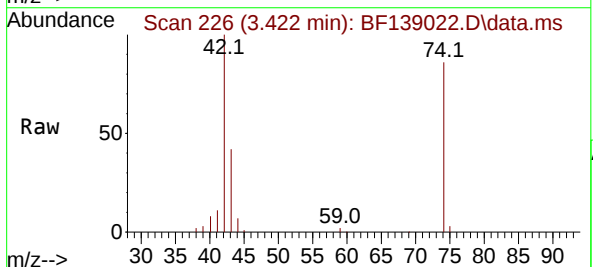
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion: 79 Resp: 77107
Ion Ratio Lower Upper
79 100
52 98.1 74.7 112.1
51 49.6 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 57.114 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.135 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion: 42 Resp: 82411
Ion Ratio Lower Upper
42 100
74 86.0 84.2 126.4
44 6.7 4.9 7.3

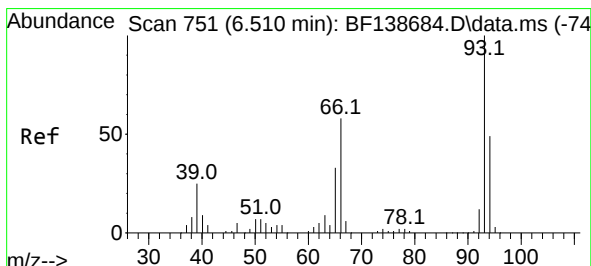
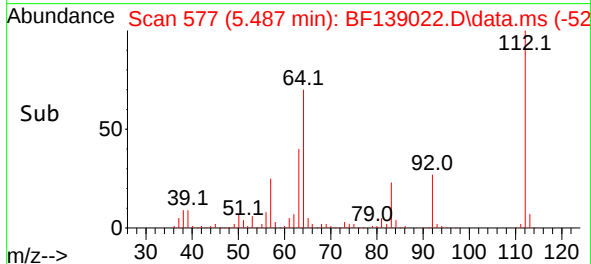
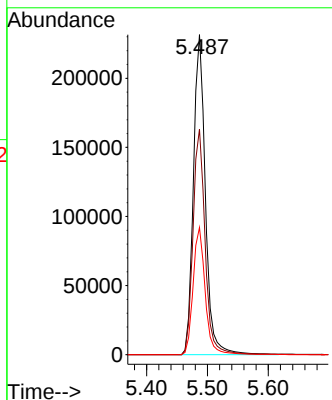
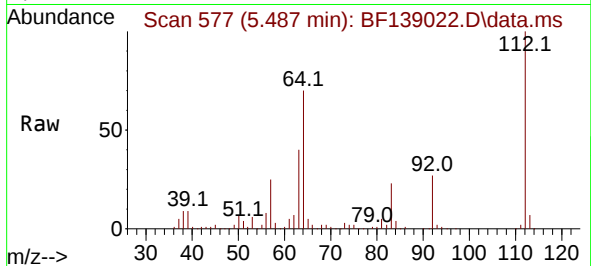




#5
2-Fluorophenol
Concen: 138.876 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

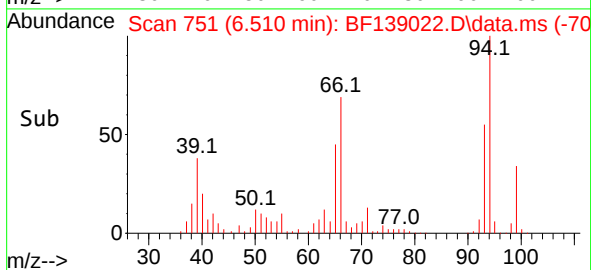
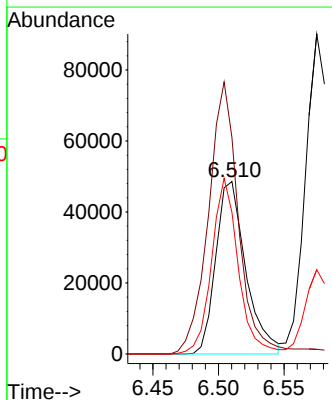
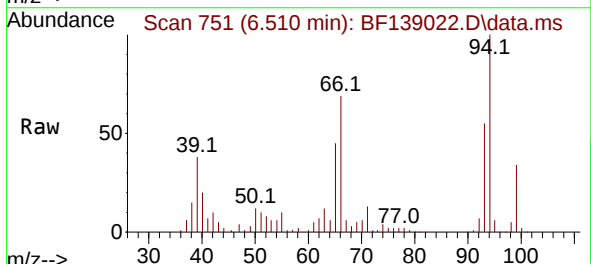
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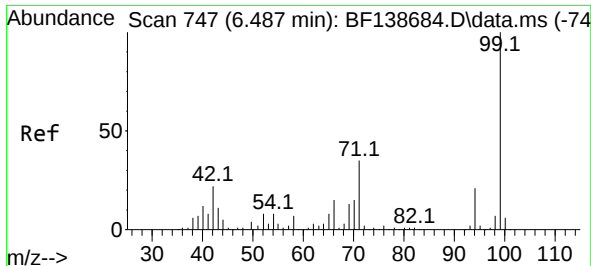
Tgt Ion:112 Resp: 317246
Ion Ratio Lower Upper
112 100
64 70.5 54.2 81.4
63 39.7 28.7 43.1



#6
Aniline
Concen: 28.303 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion: 93 Resp: 77415
Ion Ratio Lower Upper
93 100
66 125.5 46.9 70.3#
65 82.1 26.5 39.7#

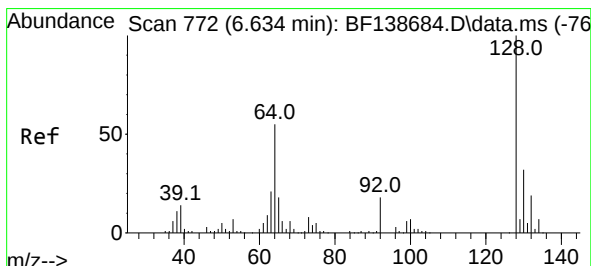
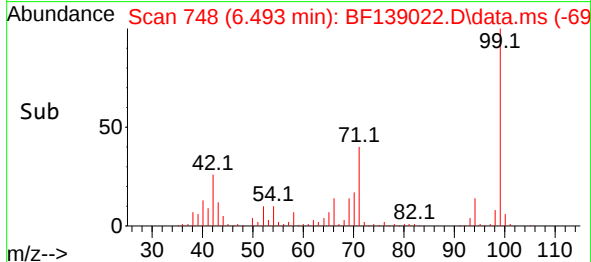
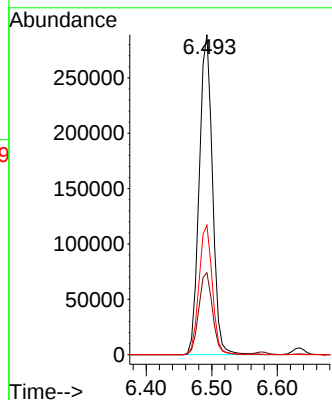
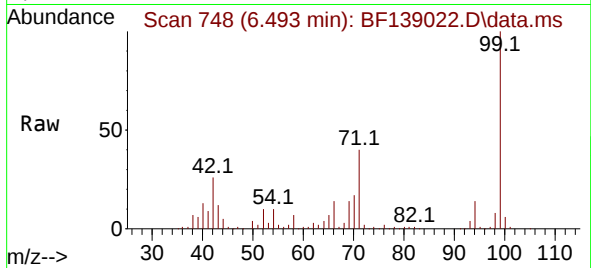




#7
Phenol-d6
Concen: 132.900 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

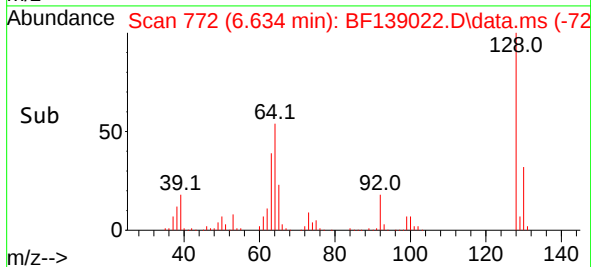
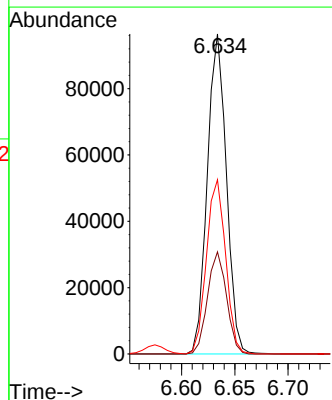
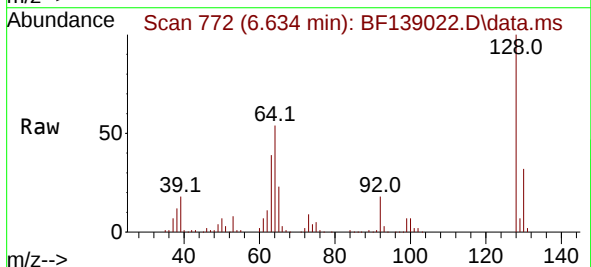
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Tgt Ion: 99 Resp: 407609
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 40.5 28.1 42.1



#8
2-Chlorophenol
Concen: 50.028 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:128 Resp: 120239
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 54.4 36.3 76.3





#9

Benzaldehyde

Concen: 29.820 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

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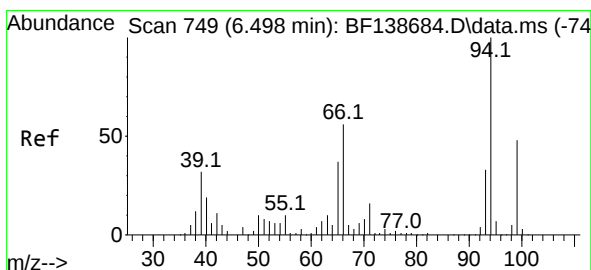
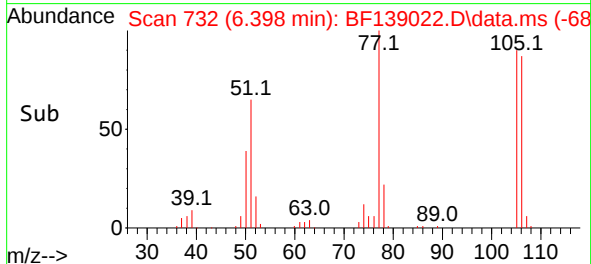
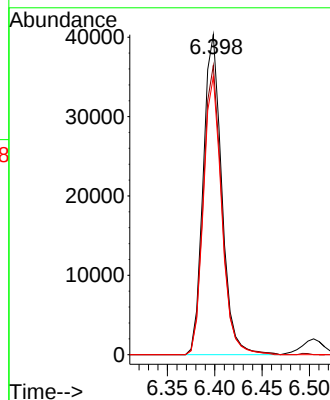
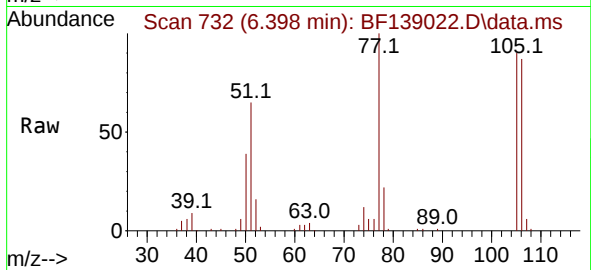
Tgt Ion: 77 Resp: 54825

Ion Ratio Lower Upper

77 100

105 90.4 72.9 112.9

106 86.9 68.4 108.4



#10

Phenol

Concen: 45.504 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

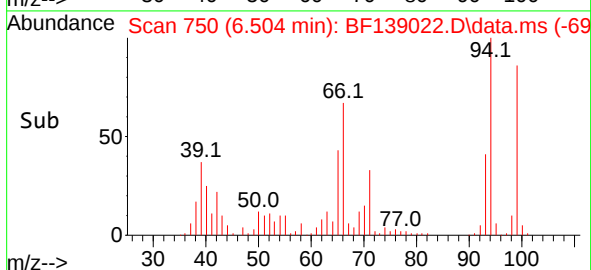
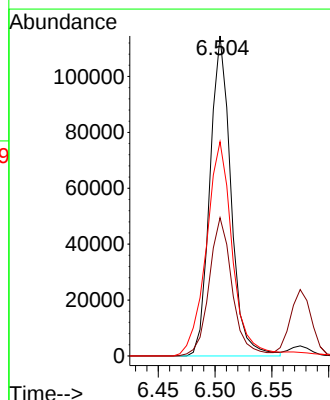
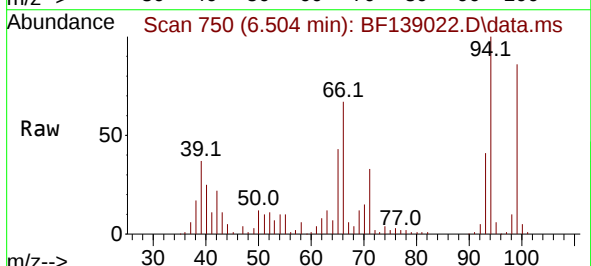
Tgt Ion: 94 Resp: 146943

Ion Ratio Lower Upper

94 100

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66 66.9 36.5 76.5

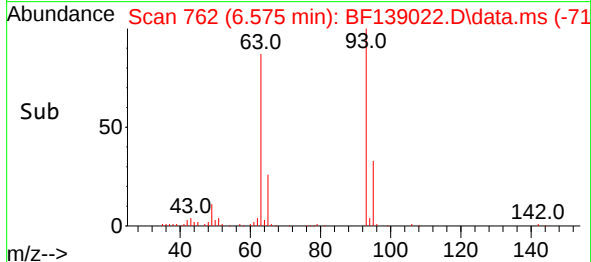
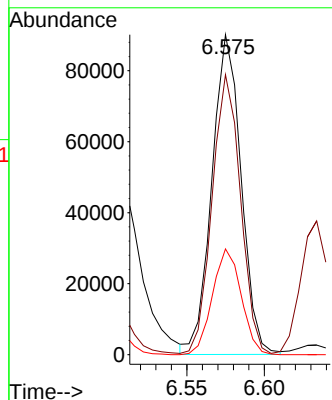
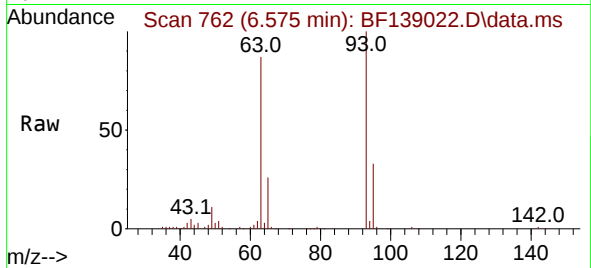




#11
bis(2-Chloroethyl)ether
Concen: 47.542 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

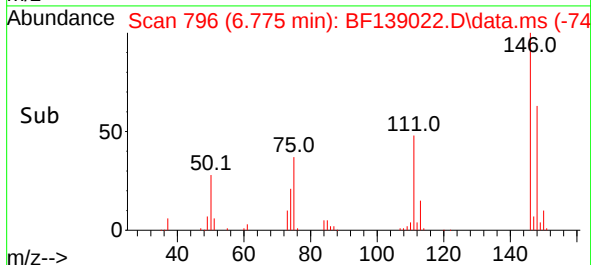
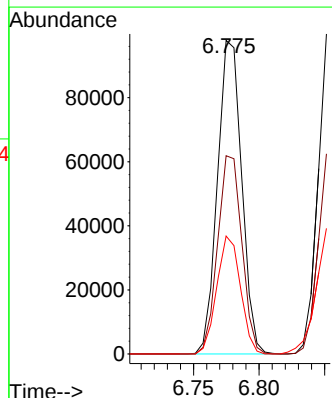
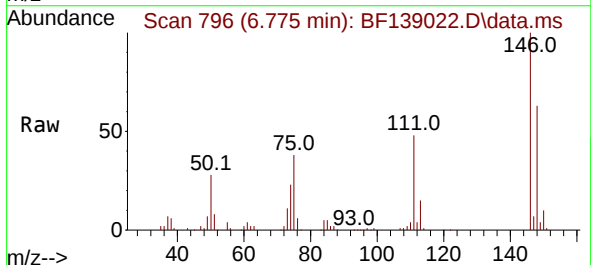
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion: 93 Resp: 118142
Ion Ratio Lower Upper
93 100
63 87.5 65.3 105.3
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.653 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion: 146 Resp: 125514
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 37.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.870 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

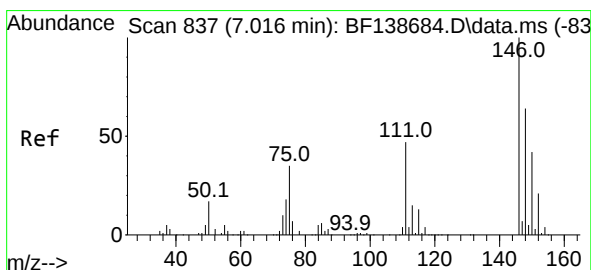
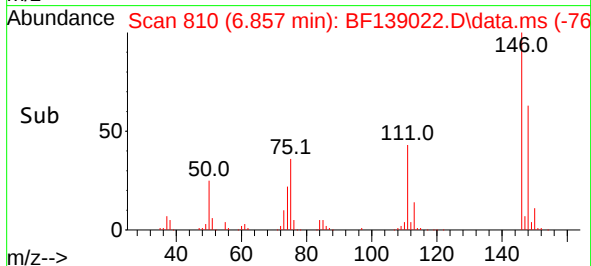
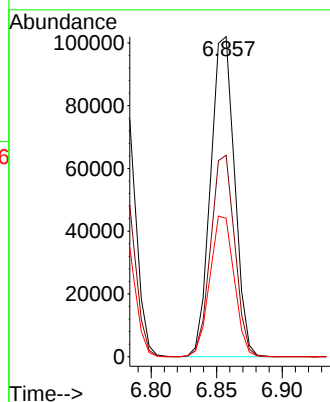
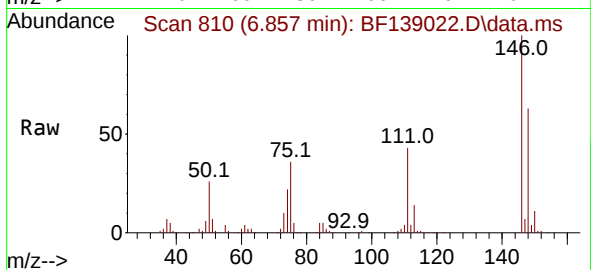
Tgt Ion:146 Resp: 129970

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 43.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 48.320 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

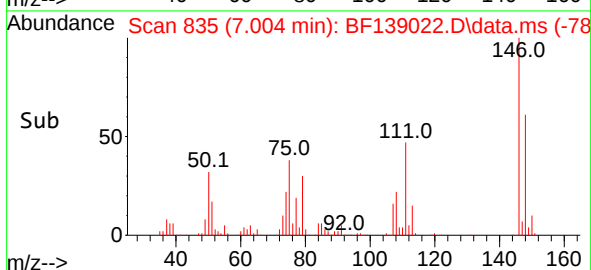
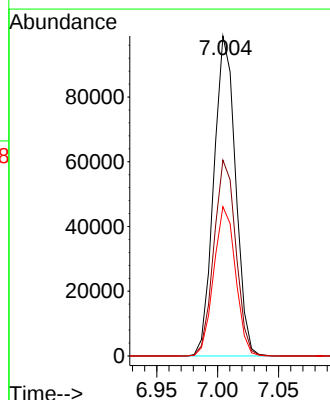
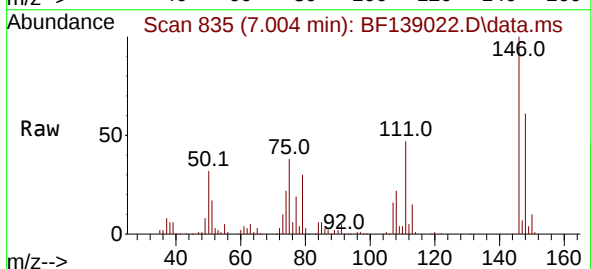
Tgt Ion:146 Resp: 122607

Ion Ratio Lower Upper

146 100

148 61.2 50.8 76.2

111 46.7 37.4 56.2

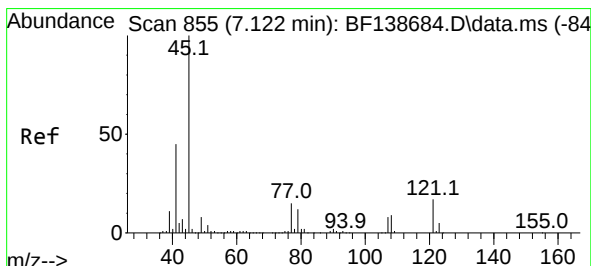
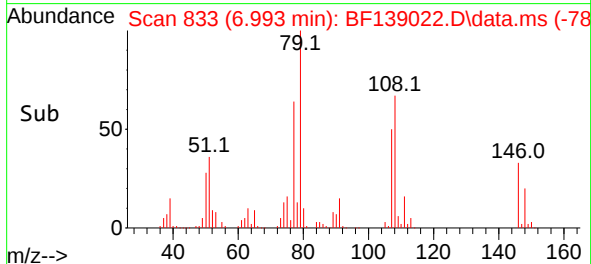
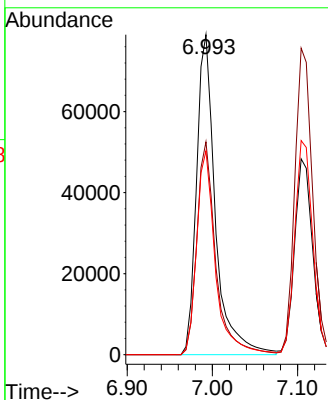
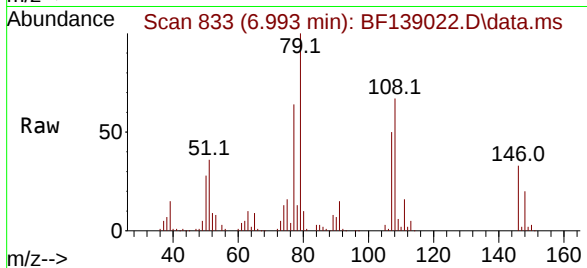




#15
Benzyl Alcohol
Concen: 54.992 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

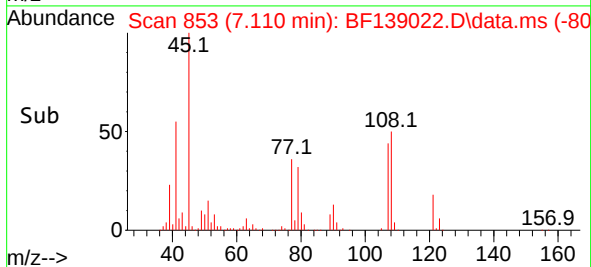
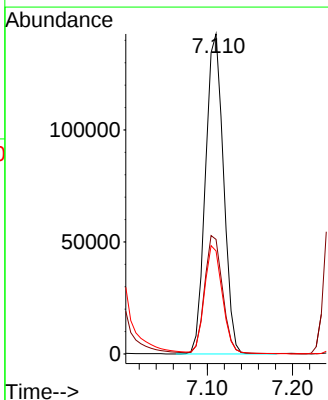
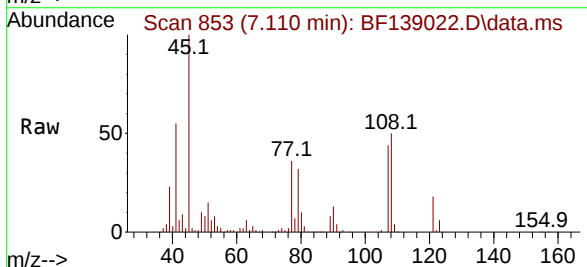
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

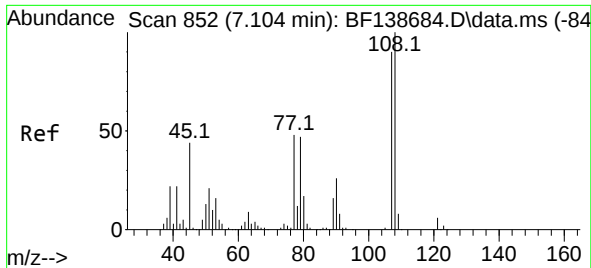
Tgt Ion: 79 Resp: 121562
Ion Ratio Lower Upper
79 100
108 66.5 56.6 85.0
77 63.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.997 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion: 45 Resp: 209538
Ion Ratio Lower Upper
45 100
77 35.8 0.0 34.9#
79 32.2 0.0 32.2#

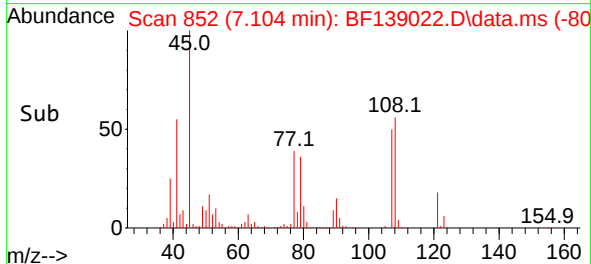
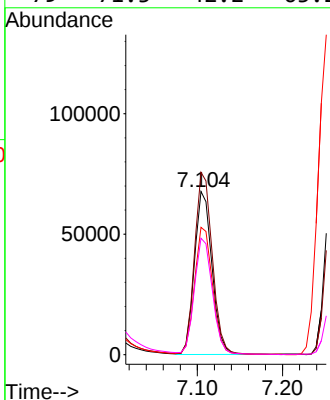
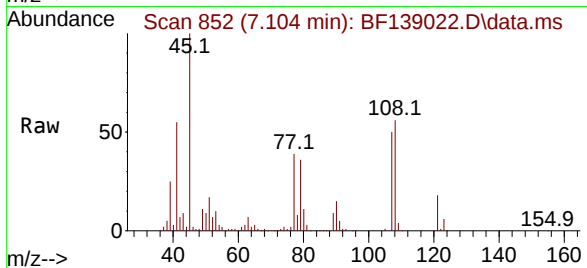




#17
2-Methylphenol
Concen: 48.711 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

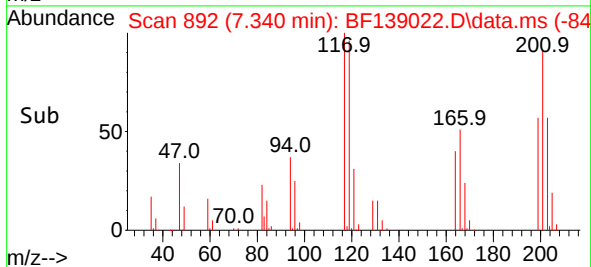
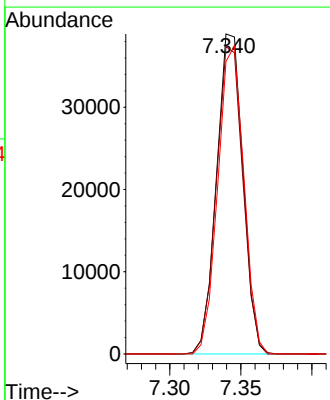
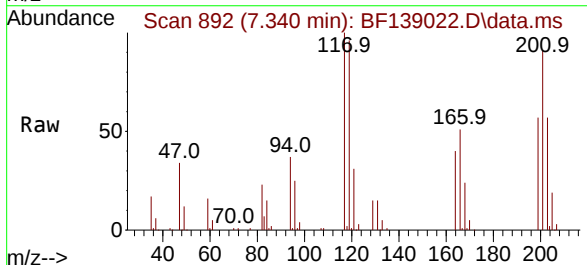
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:107 Resp: 96673
Ion Ratio Lower Upper
107 100
108 111.7 89.2 133.8
77 78.0 43.0 64.4#
79 71.3 42.2 63.2#



#18
Hexachloroethane
Concen: 49.236 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:117 Resp: 50320
Ion Ratio Lower Upper
117 100
119 96.1 74.6 111.8
201 91.4 77.2 115.8

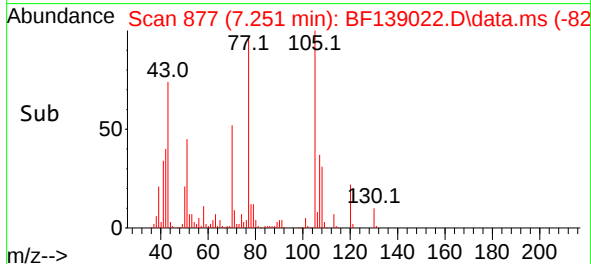
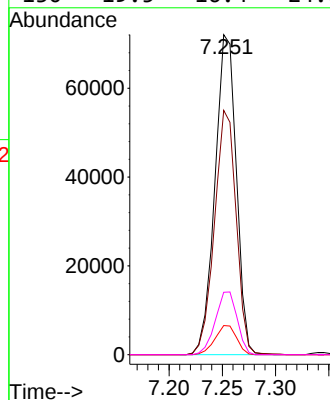
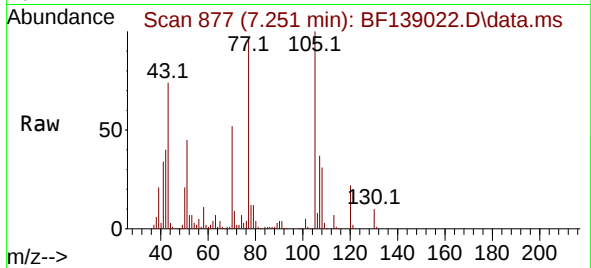




#19
n-Nitroso-di-n-propylamine
Concen: 54.292 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

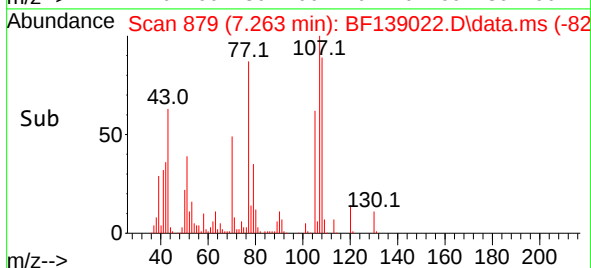
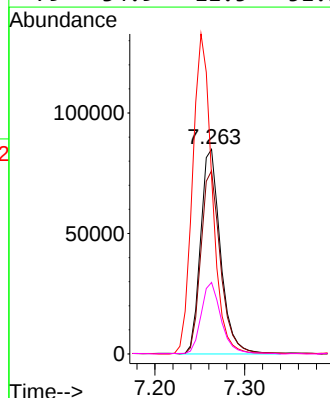
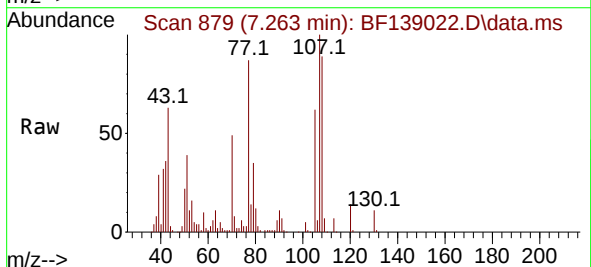
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

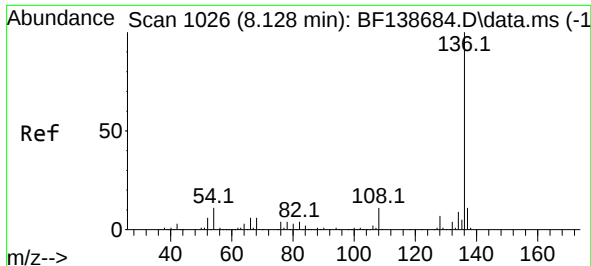
Tgt Ion:	70	Resp:	100572
Ion	Ratio	Lower	Upper
70	100		
42	76.3	57.4	86.0
101	9.1	7.5	11.3
130	19.5	16.4	24.6



#20
3+4-Methylphenols
Concen: 51.485 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:	107	Resp:	131098
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	86.8	132.1	172.1#
79	34.9	11.5	51.5

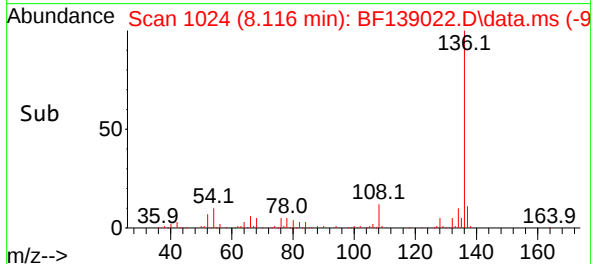
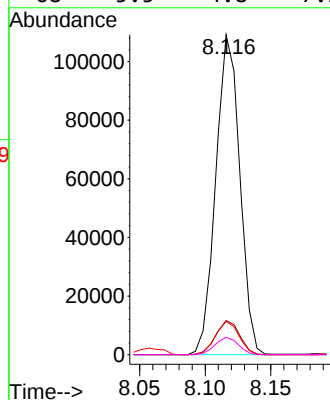
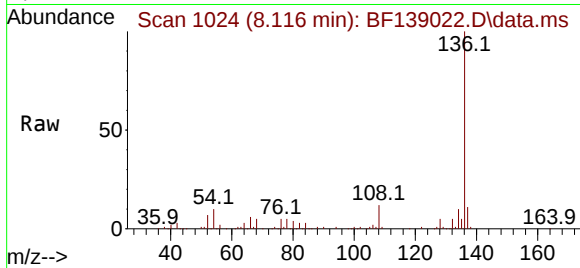




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

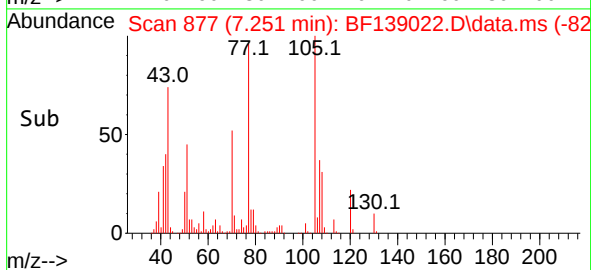
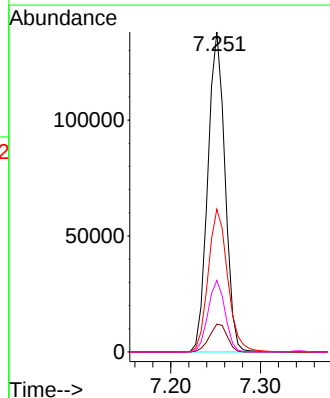
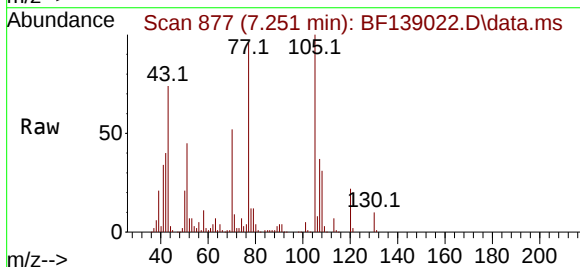
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:136	Resp:	138858
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	10.4	8.6 12.8
68	5.5	4.8 7.2



#22
Acetophenone
Concen: 53.872 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:105	Resp:	183160
Ion Ratio	Lower	Upper
105	100	
71	8.7	7.2 10.8
51	44.6	35.9 53.9
120	22.3	17.6 26.4

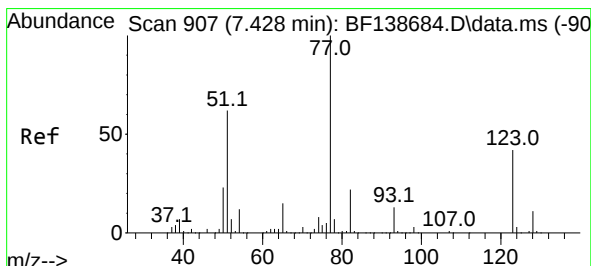
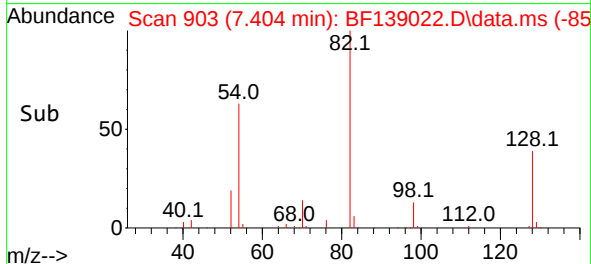
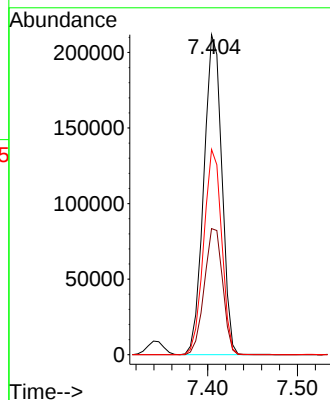
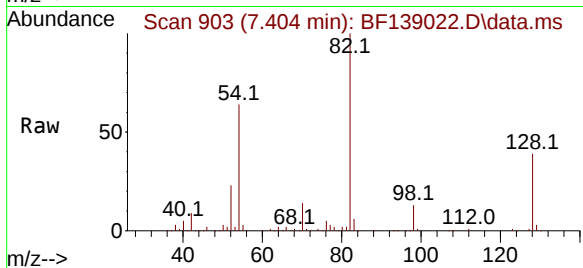




#23
Nitrobenzene-d5
Concen: 104.143 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

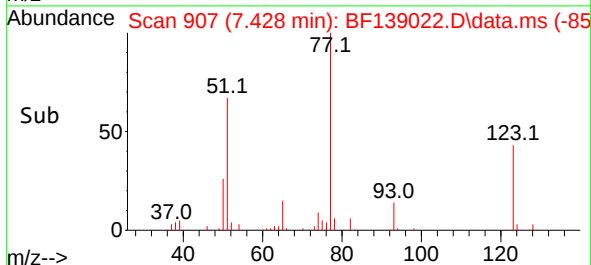
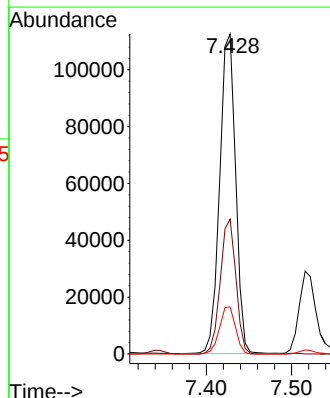
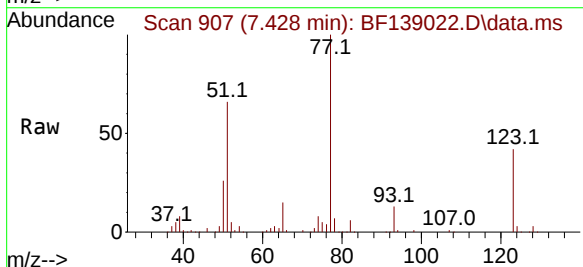
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

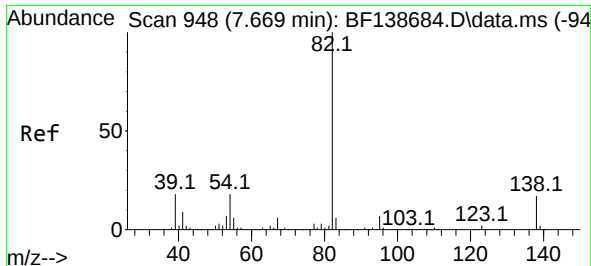
Tgt Ion: 82 Resp: 295781
Ion Ratio Lower Upper
82 100
128 39.4 32.8 49.2
54 64.1 48.3 72.5



#24
Nitrobenzene
Concen: 50.577 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion: 77 Resp: 146170
Ion Ratio Lower Upper
77 100
123 42.2 33.3 49.9
65 14.7 11.9 17.9

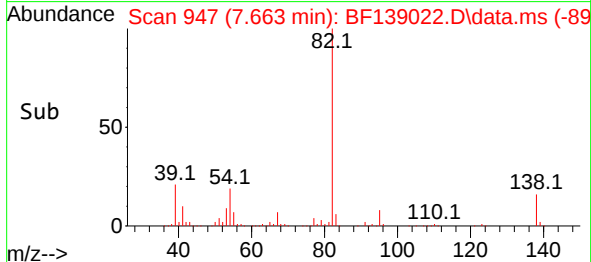
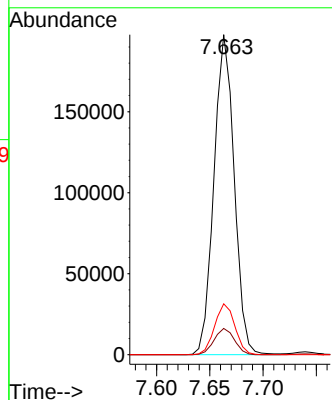
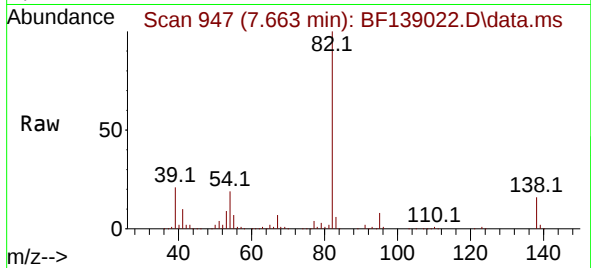




#25
Isophorone
Concen: 53.772 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

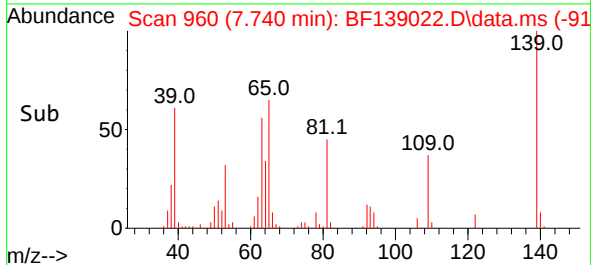
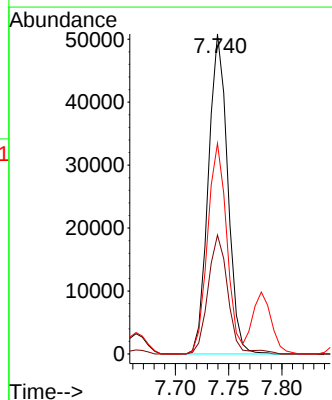
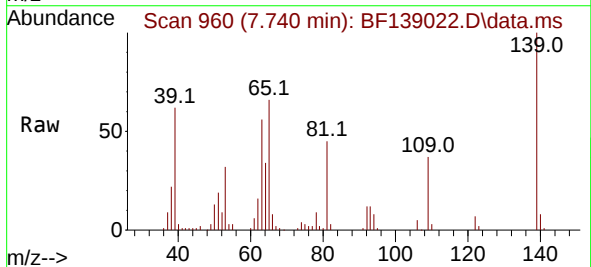
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion: 82 Resp: 260776
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 15.9 13.7 20.5



#26
2-Nitrophenol
Concen: 51.652 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:139 Resp: 64223
Ion Ratio Lower Upper
139 100
109 37.1 25.9 38.9
65 65.8 47.0 70.6

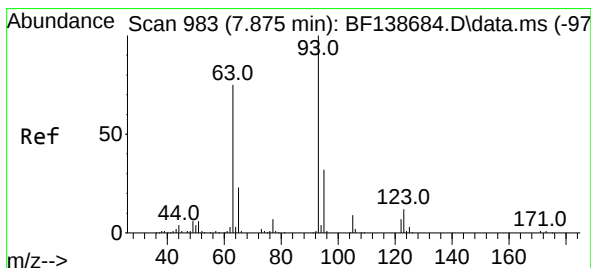
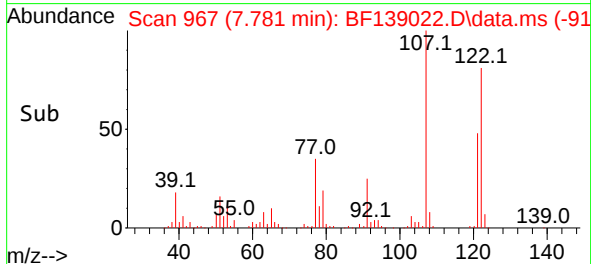
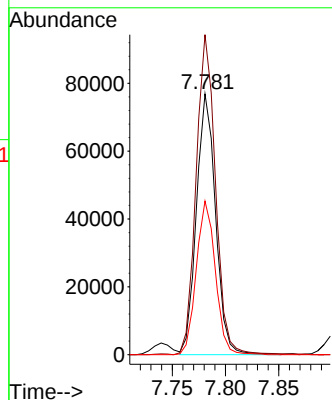
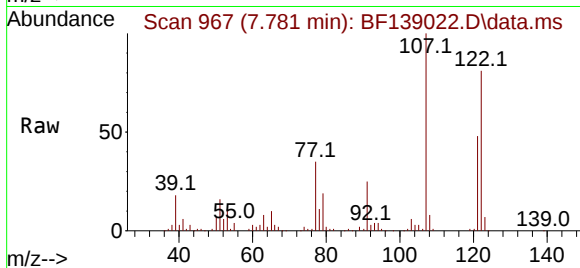




#27
2,4-Dimethylphenol
Concen: 64.933 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

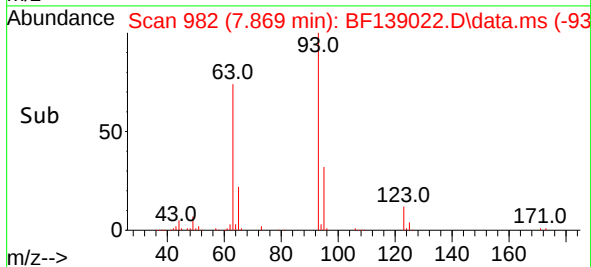
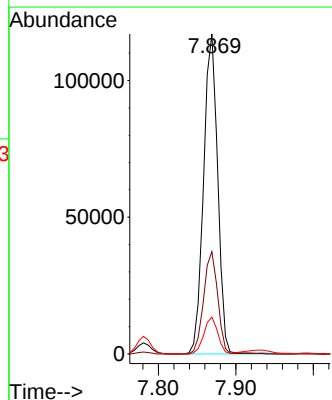
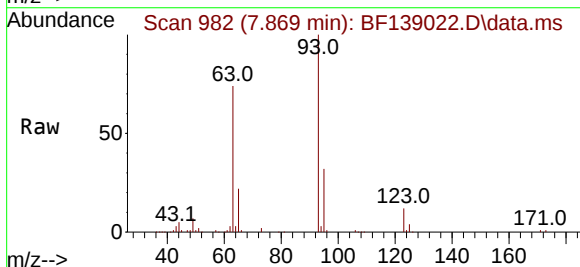
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

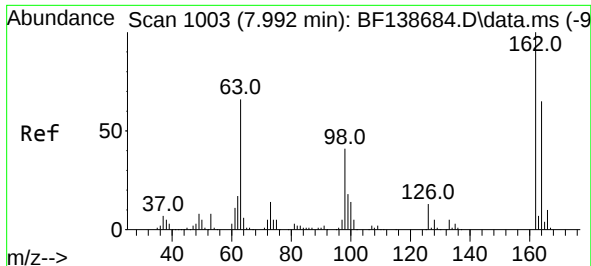
Tgt Ion:	122	Resp:	96599
Ion	Ratio	Lower	Upper
122	100		
107	122.7	95.0	142.6
121	58.9	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 50.130 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:	93	Resp:	148050
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	11.5	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 52.997 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

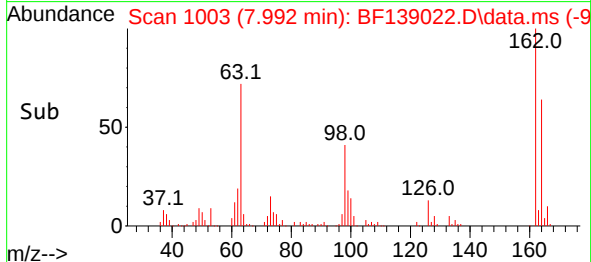
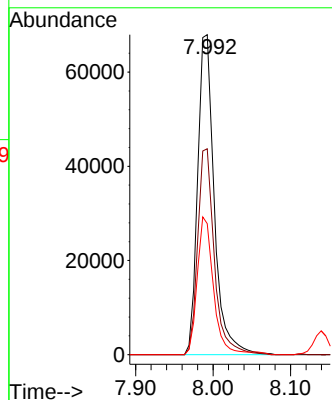
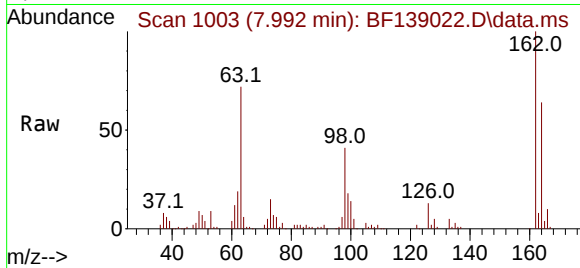
Tgt Ion:162 Resp: 101311

Ion Ratio Lower Upper

162 100

164 64.3 44.7 84.7

98 41.0 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.950 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

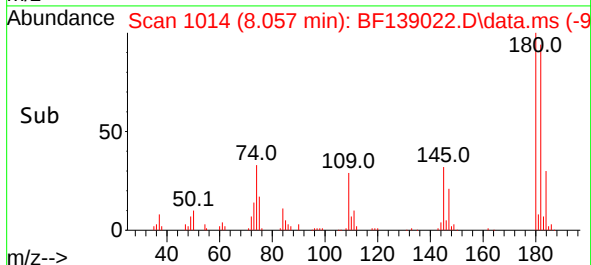
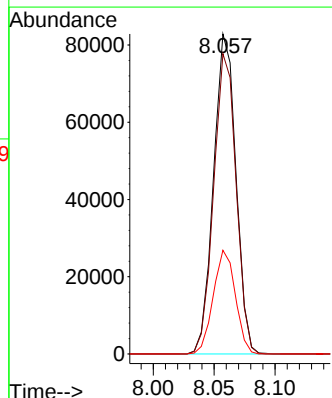
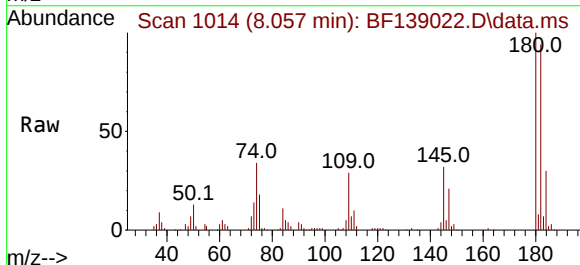
Tgt Ion:180 Resp: 105782

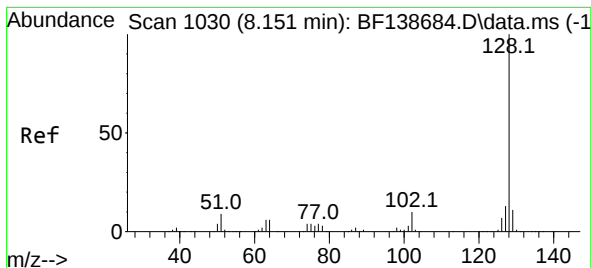
Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

145 32.4 25.0 37.4





#31

Naphthalene

Concen: 49.413 ng

RT: 8.140 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

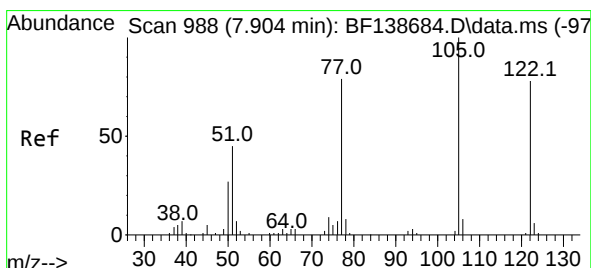
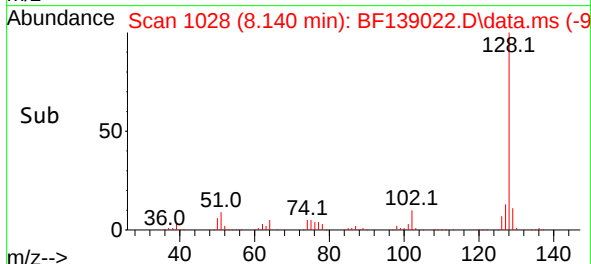
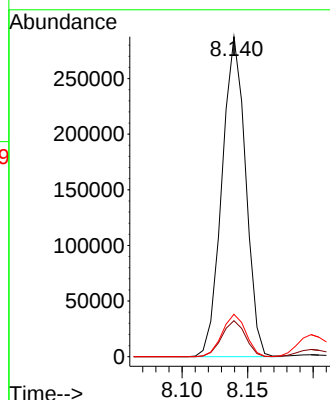
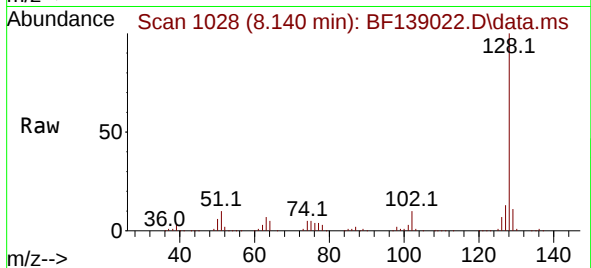
Tgt Ion:128 Resp: 361162

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 45.767 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.030 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

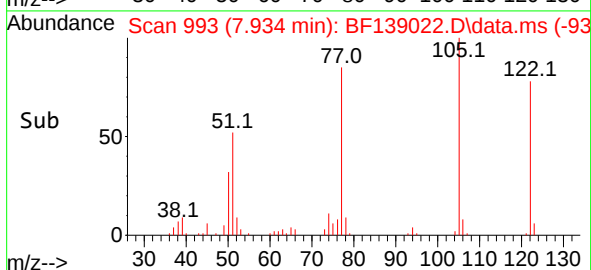
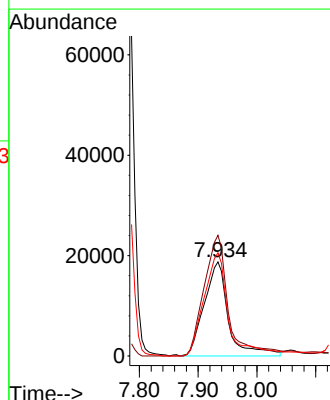
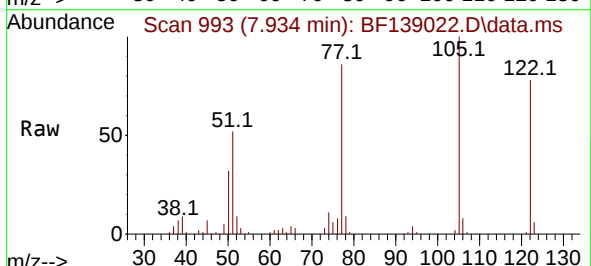
Tgt Ion:122 Resp: 53521

Ion Ratio Lower Upper

122 100

105 128.2 106.7 146.7

77 109.8 81.1 121.1





#33

4-Chloroaniline

Concen: 18.255 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

Tgt Ion:127 Resp: 44788

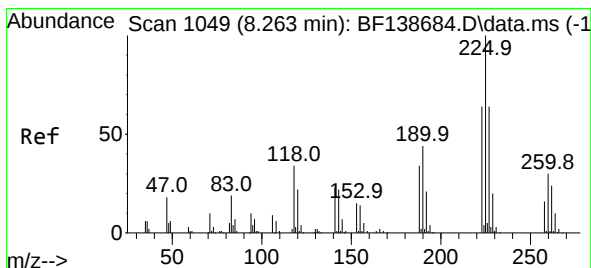
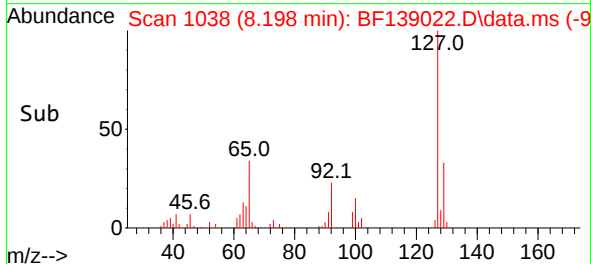
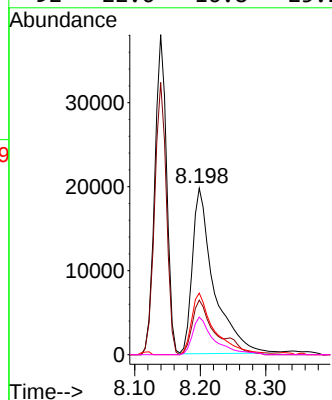
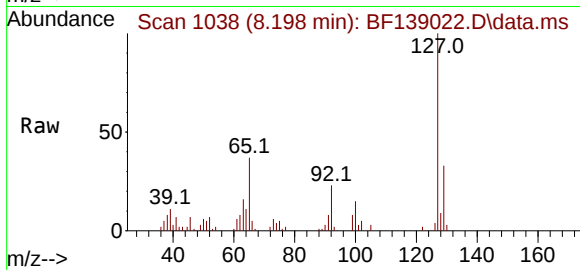
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 37.0 27.6 41.4

92 22.6 16.8 25.2



#34

Hexachlorobutadiene

Concen: 51.115 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

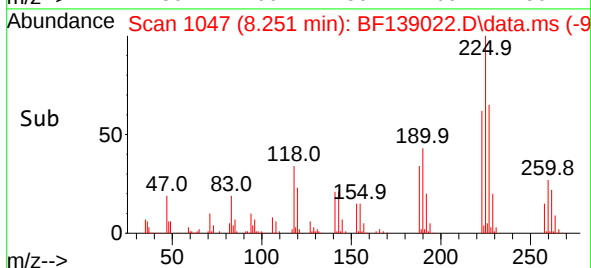
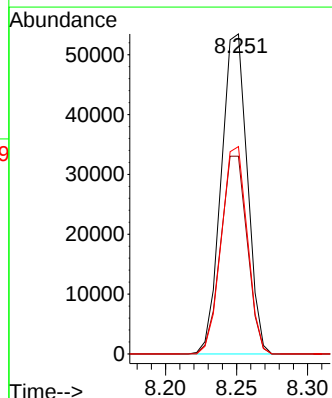
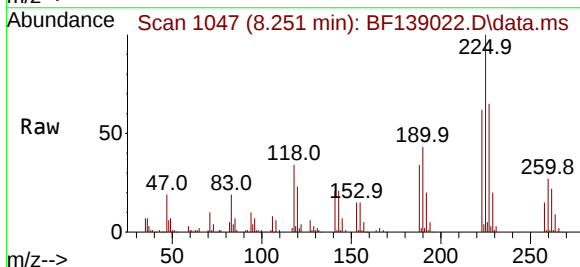
Tgt Ion:225 Resp: 68301

Ion Ratio Lower Upper

225 100

223 61.8 51.2 76.8

227 64.8 51.1 76.7

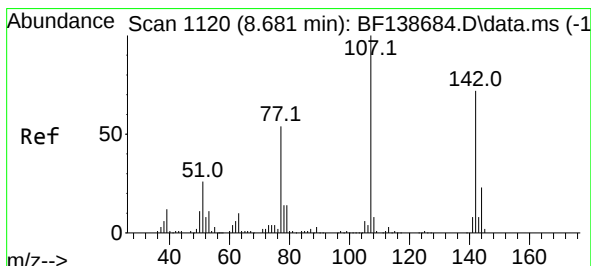
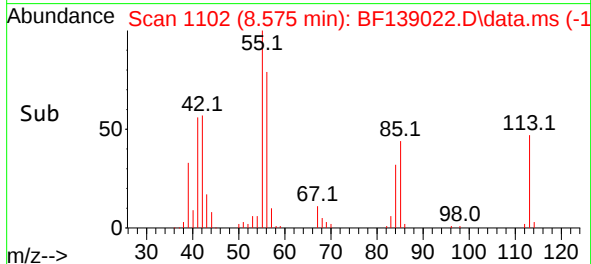
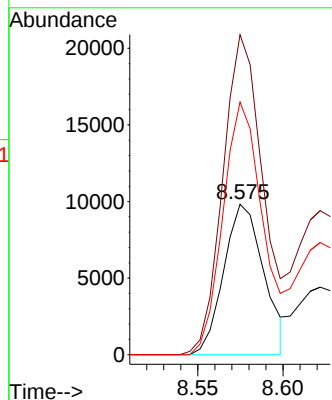
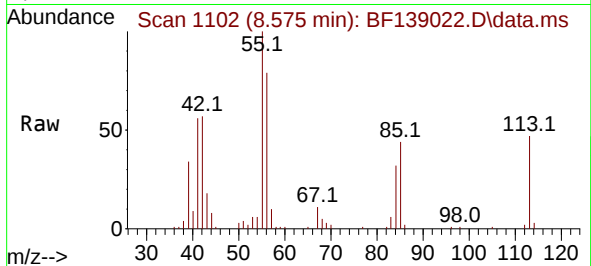




#35
Caprolactam
Concen: 28.131 ng
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

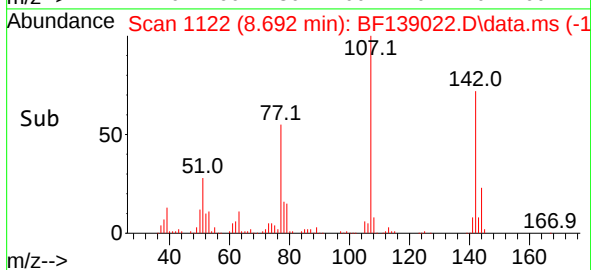
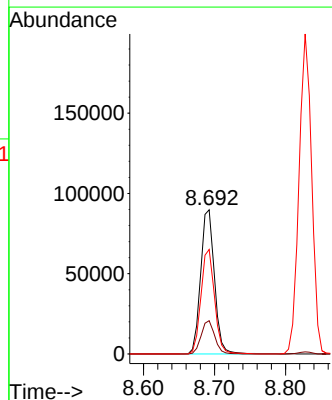
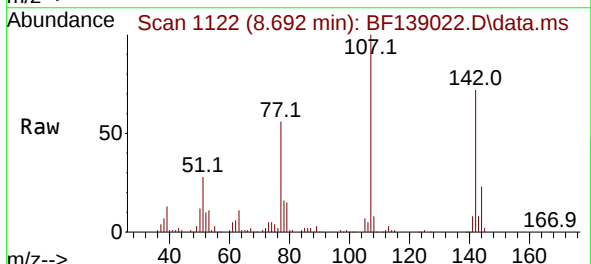
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

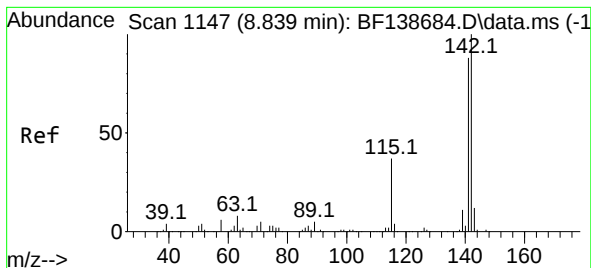
Tgt Ion:113 Resp: 16046
Ion Ratio Lower Upper
113 100
55 212.7 186.7 226.7
56 168.0 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 55.831 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:107 Resp: 121976
Ion Ratio Lower Upper
107 100
144 23.0 18.2 27.2
142 72.4 57.4 86.2





#37

2-Methylnaphthalene

Concen: 53.247 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

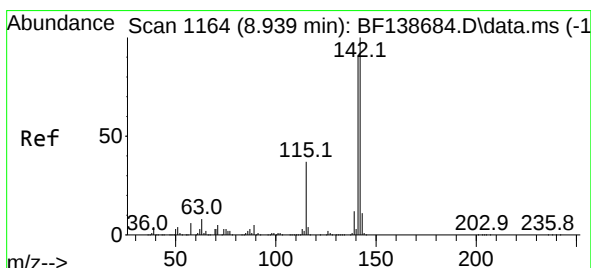
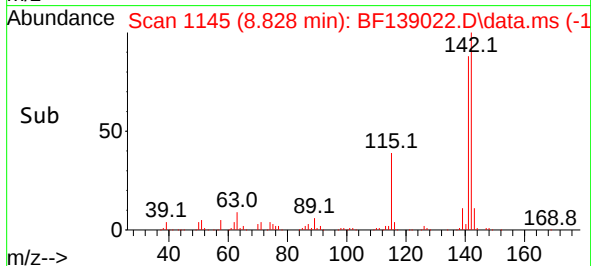
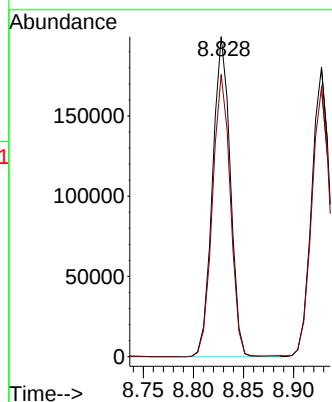
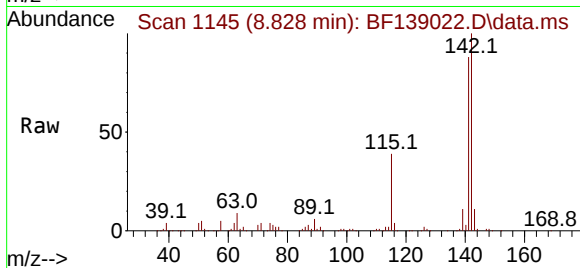
WC-S-06-202408MSD

Tgt Ion:142 Resp: 245790

Ion Ratio Lower Upper

142 100

141 88.2 70.8 106.2



#38

1-Methylnaphthalene

Concen: 49.539 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139022.D

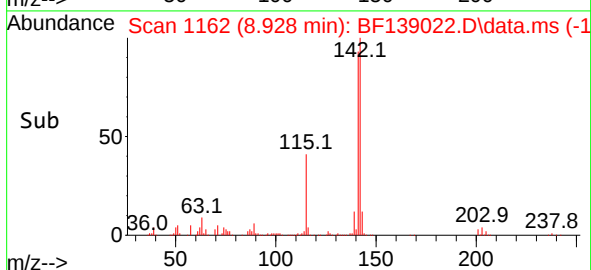
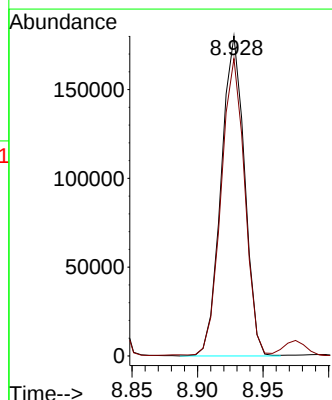
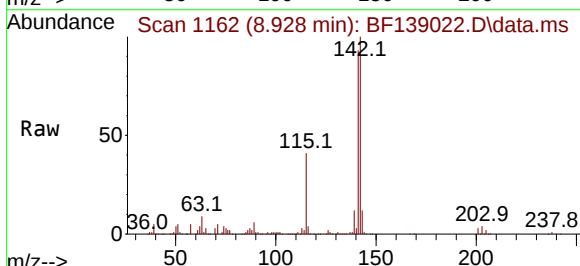
Acq: 15 Aug 2024 14:52

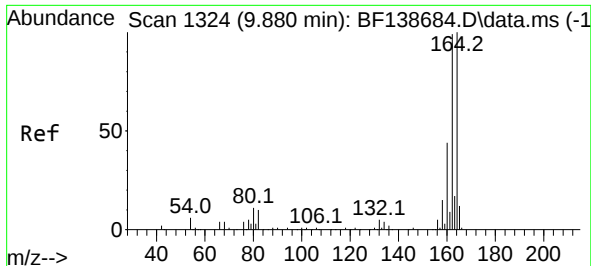
Tgt Ion:142 Resp: 224082

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7

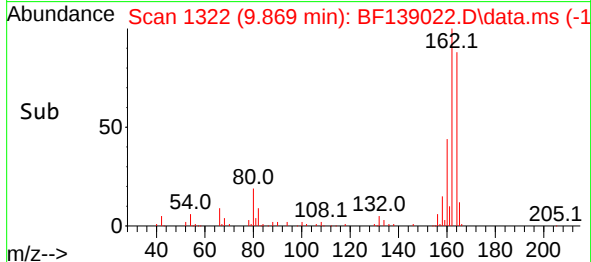
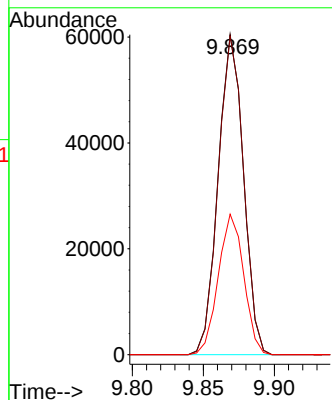
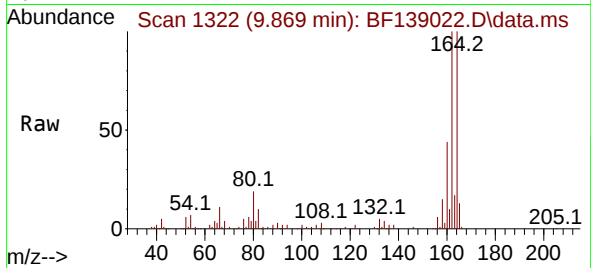




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

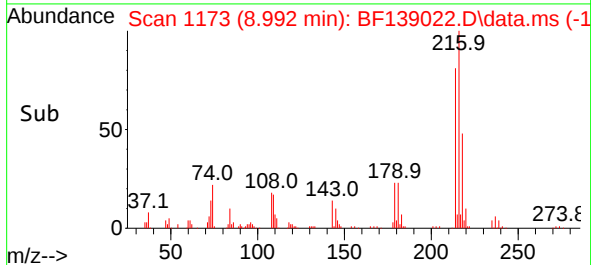
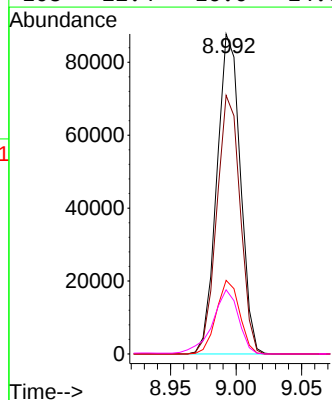
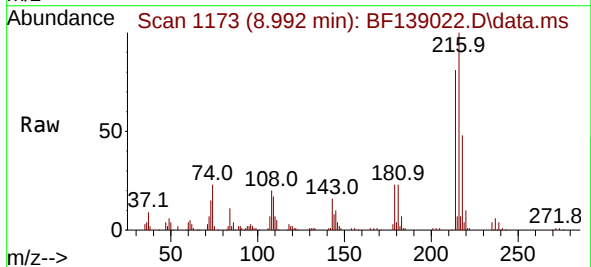
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

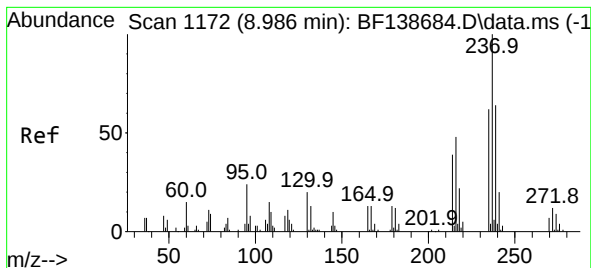
Tgt Ion:164 Resp: 74874
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 43.9 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.464 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:216 Resp: 109120
Ion Ratio Lower Upper
216 100
214 80.3 63.9 95.9
179 22.7 17.8 26.6
108 22.4 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 133.847 ng

RT: 8.975 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

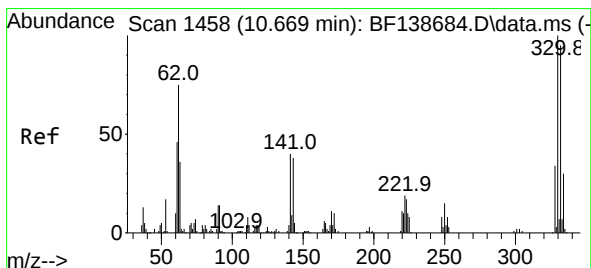
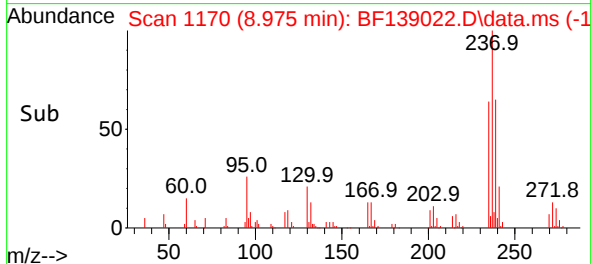
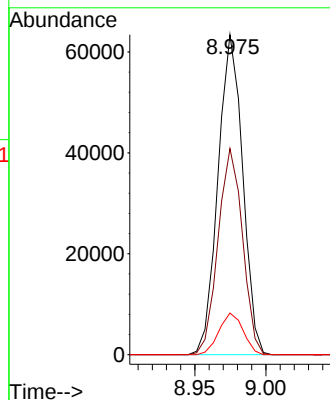
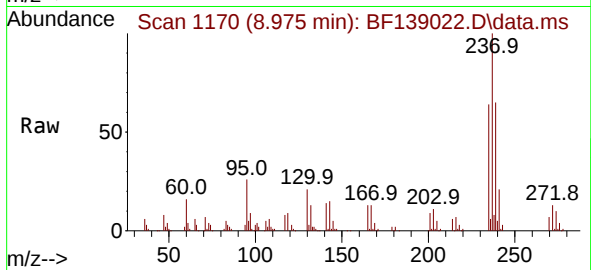
Tgt Ion:237 Resp: 76513

Ion Ratio Lower Upper

237 100

235 64.4 41.8 81.8

272 13.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 167.634 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

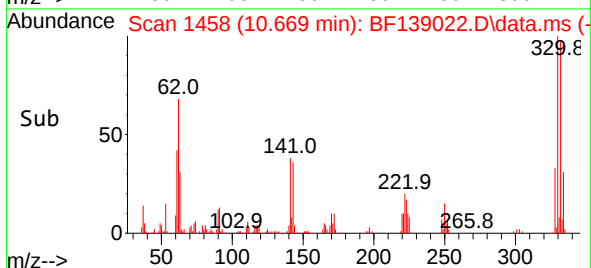
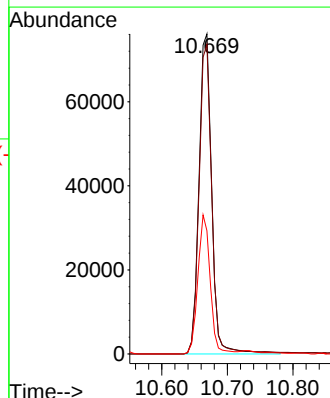
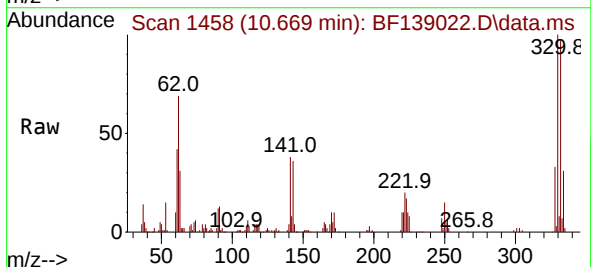
Tgt Ion:330 Resp: 102813

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

141 42.3 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 53.290 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

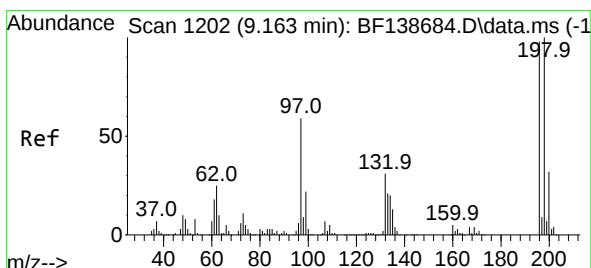
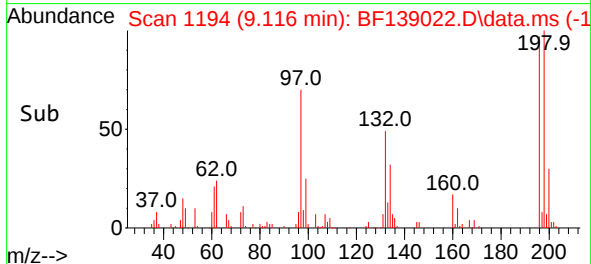
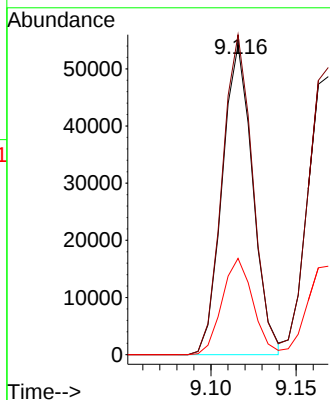
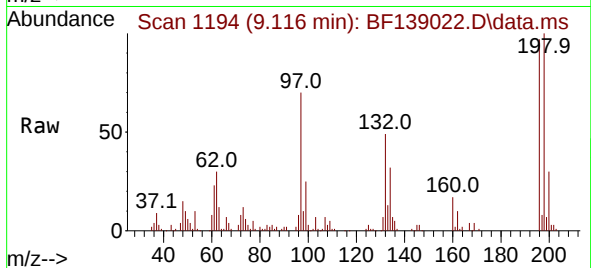
Tgt Ion:196 Resp: 67580

Ion Ratio Lower Upper

196 100

198 103.3 80.5 120.7

200 31.1 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 53.760 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Tgt Ion:196 Resp: 74530

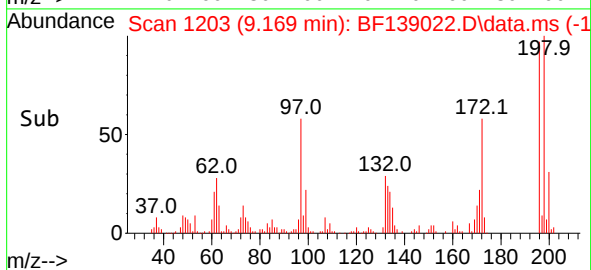
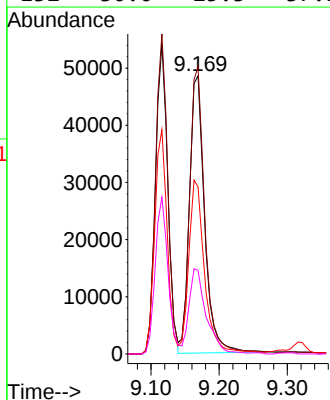
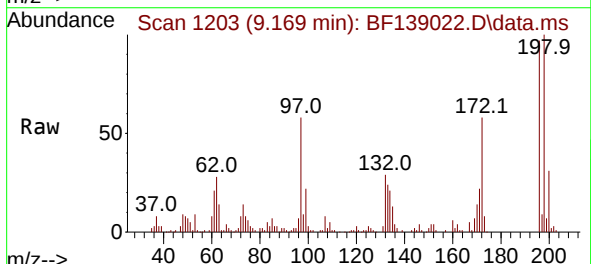
Ion Ratio Lower Upper

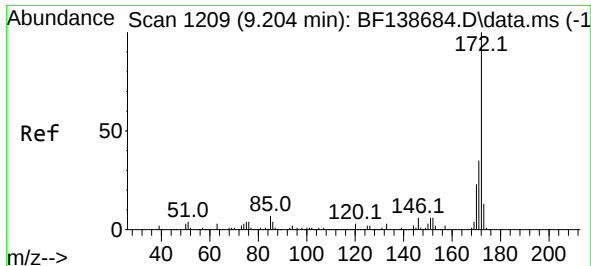
196 100

198 103.3 81.2 121.8

97 60.0 47.8 71.6

132 30.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 107.960 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

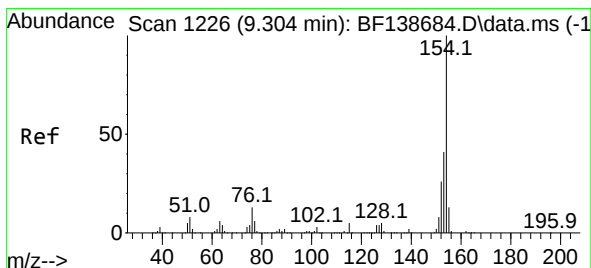
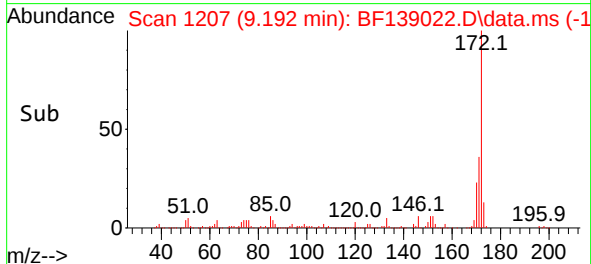
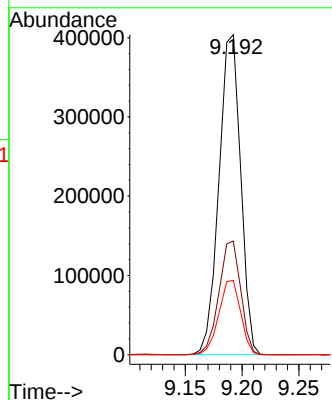
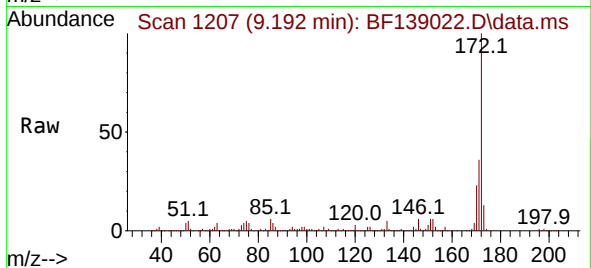
Tgt Ion:172 Resp: 537999

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 53.158 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

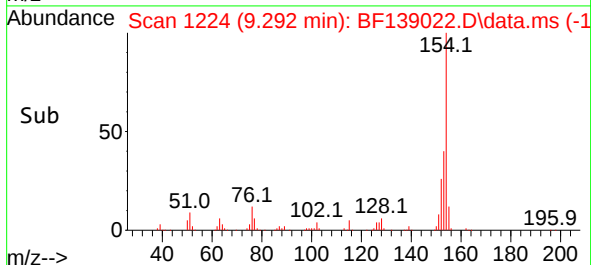
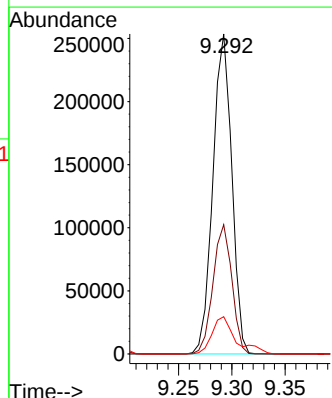
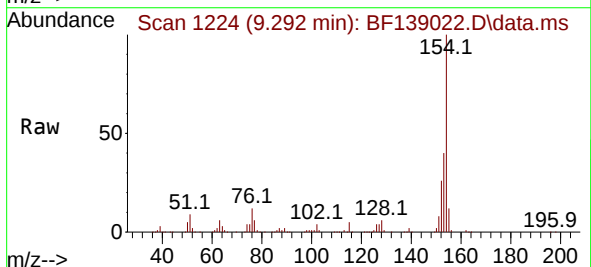
Tgt Ion:154 Resp: 311718

Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 11.6 0.0 32.8

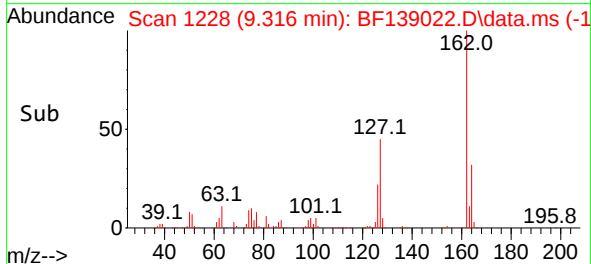
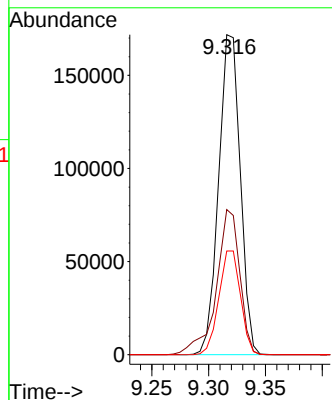
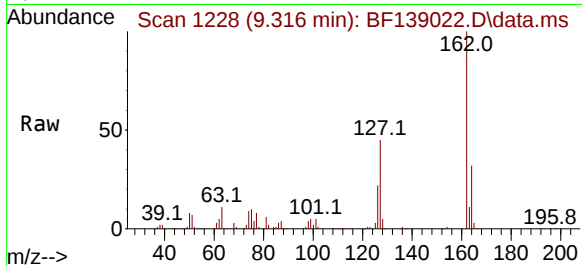




#47
2-Chloronaphthalene
Concen: 52.245 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

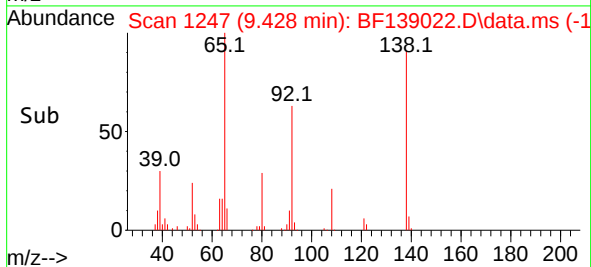
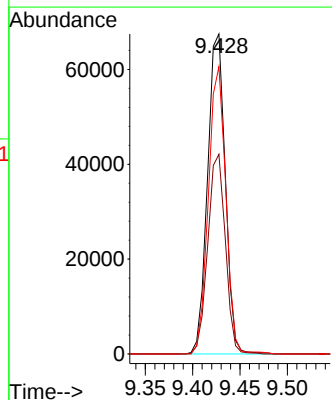
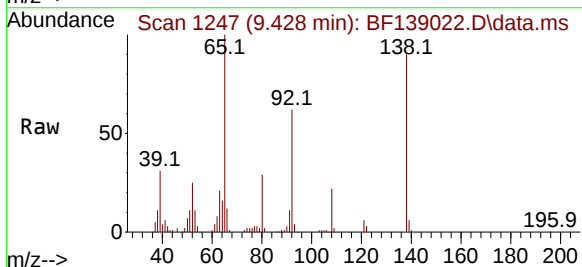
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

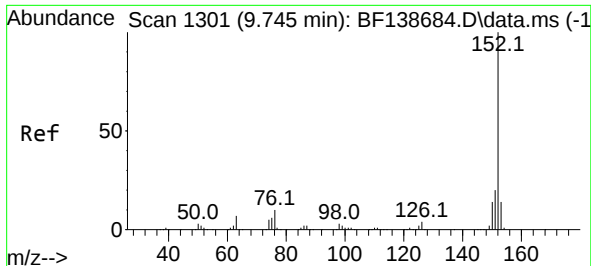
Tgt Ion:162 Resp: 227855
Ion Ratio Lower Upper
162 100
127 45.3 35.4 53.2
164 32.4 25.6 38.4



#48
2-Nitroaniline
Concen: 59.238 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion: 65 Resp: 87585
Ion Ratio Lower Upper
65 100
92 62.4 52.0 78.0
138 89.8 76.2 114.4





#49

Acenaphthylene

Concen: 57.379 ng

RT: 9.734 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

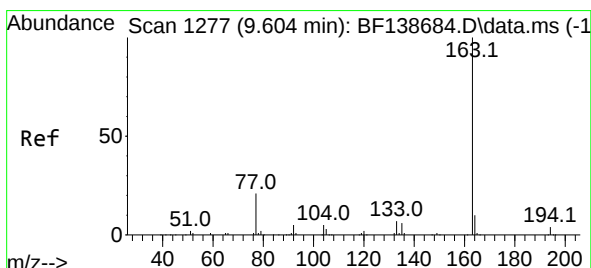
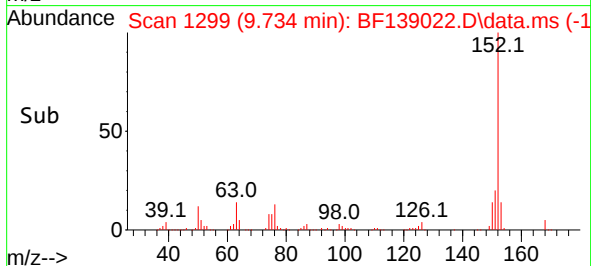
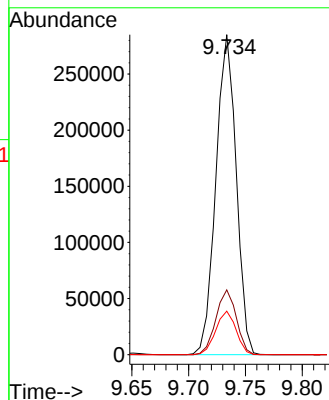
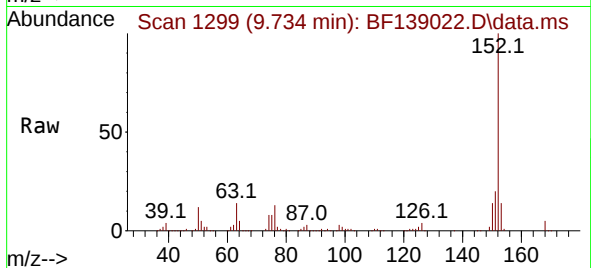
Tgt Ion:152 Resp: 354923

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 60.026 ng

RT: 9.592 min Scan# 1275

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

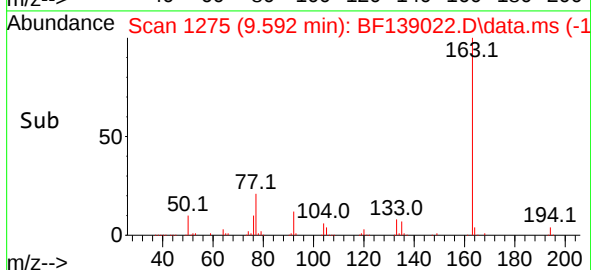
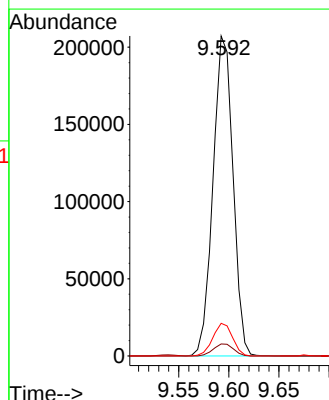
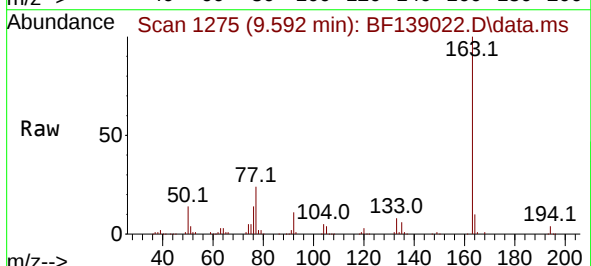
Tgt Ion:163 Resp: 287379

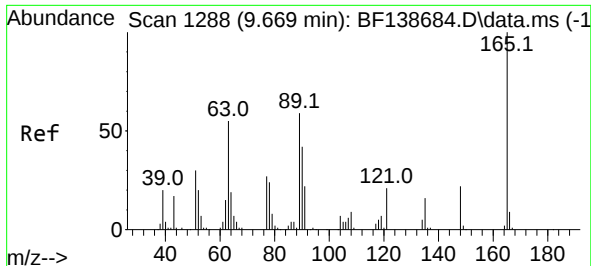
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 7.8 11.8

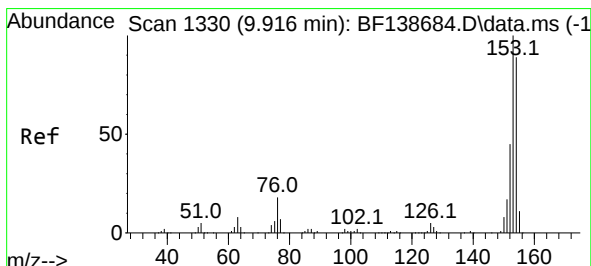
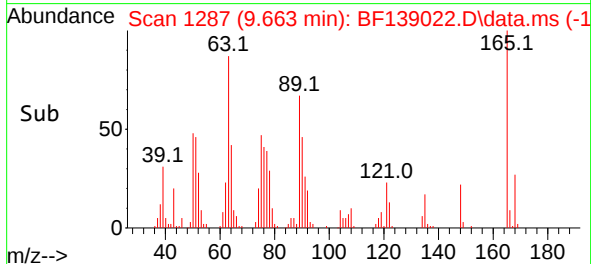
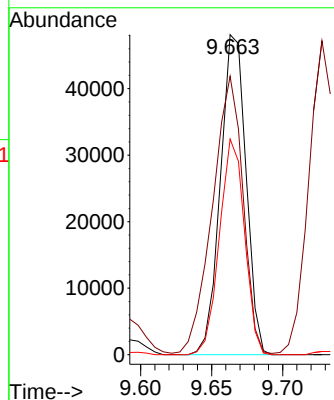
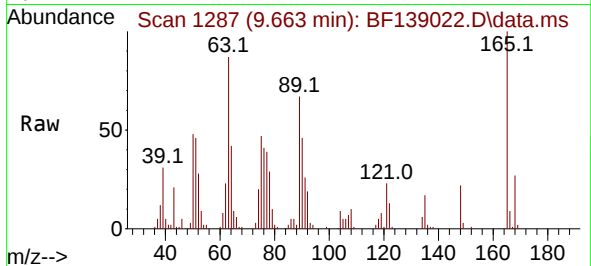




#51
2,6-Dinitrotoluene
Concen: 55.911 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

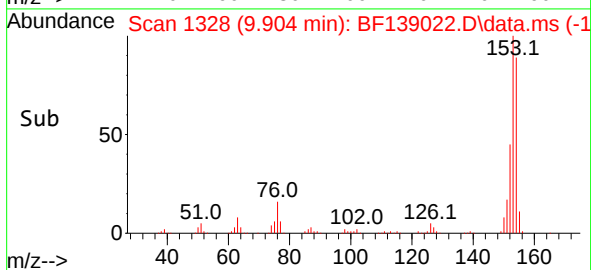
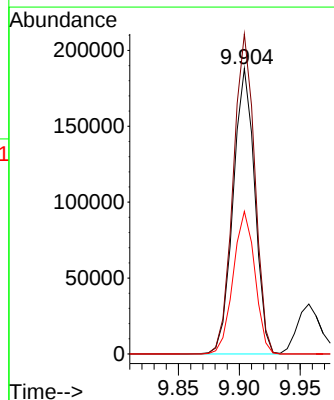
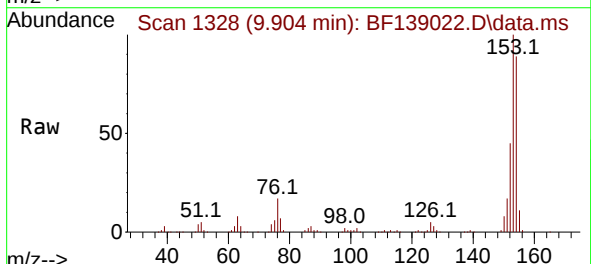
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

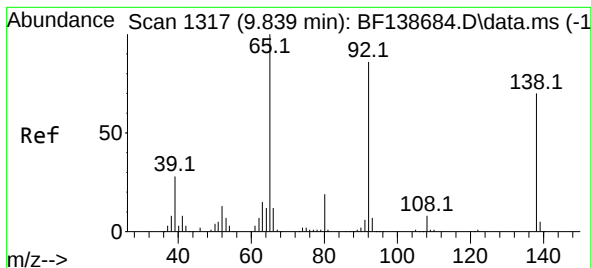
Tgt Ion:165 Resp: 60410
Ion Ratio Lower Upper
165 100
63 87.0 52.0 78.0#
89 67.4 47.0 70.6



#52
Acenaphthene
Concen: 55.895 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:154 Resp: 232415
Ion Ratio Lower Upper
154 100
153 112.1 89.9 134.9
152 49.9 40.6 60.8





#53

3-Nitroaniline

Concen: 26.969 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

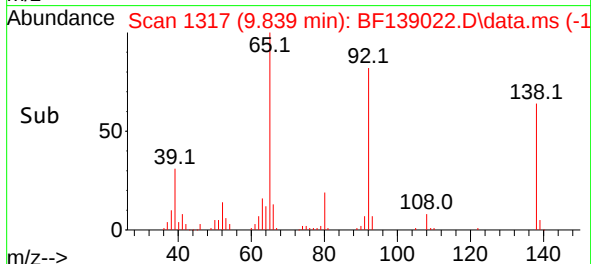
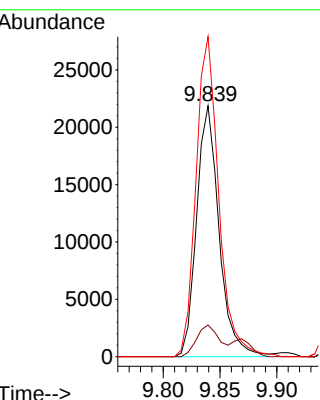
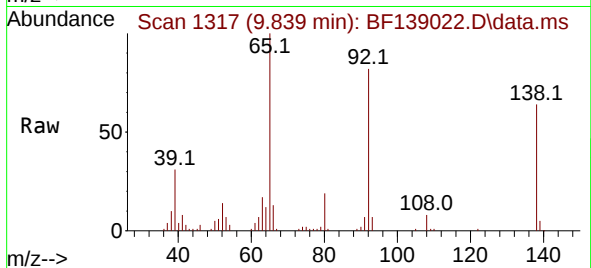
Tgt Ion:138 Resp: 30123

Ion Ratio Lower Upper

138 100

108 12.6 9.1 13.7

92 127.5 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 124.635 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

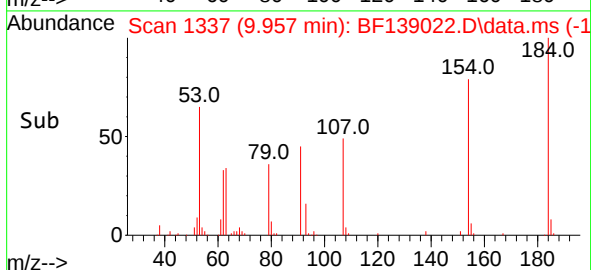
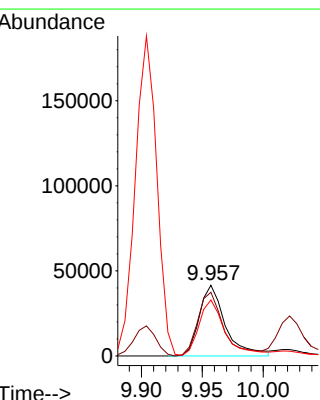
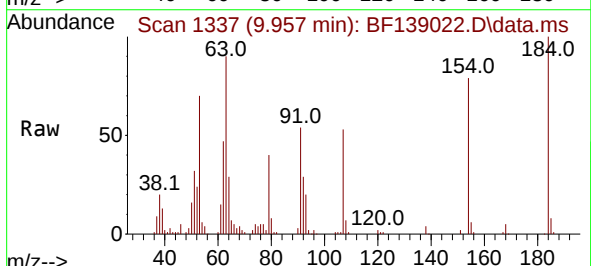
Tgt Ion:184 Resp: 61990

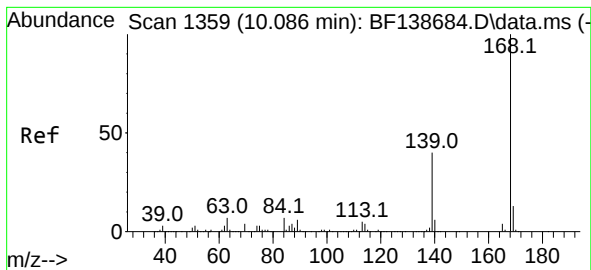
Ion Ratio Lower Upper

184 100

63 90.0 57.5 86.3#

154 79.1 51.7 77.5#

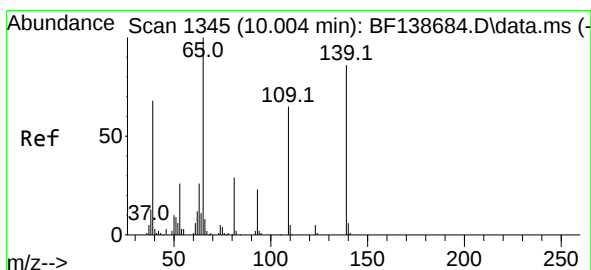
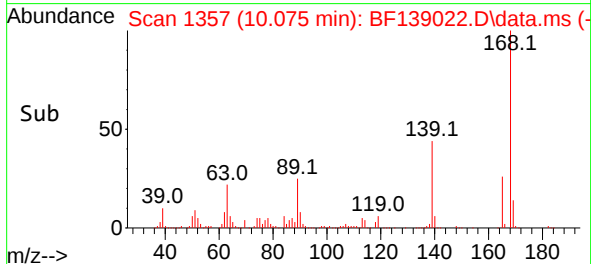
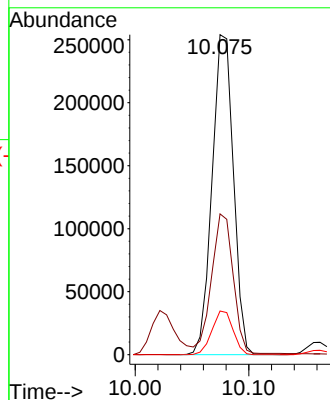
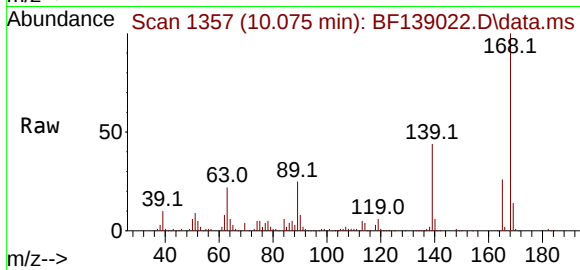




#55
Dibenzofuran
Concen: 56.563 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

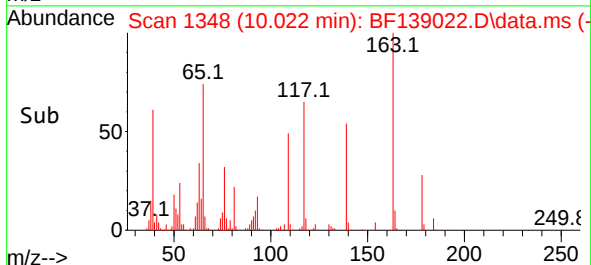
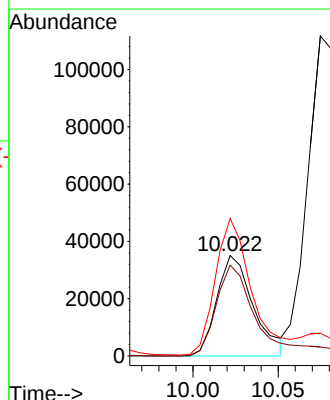
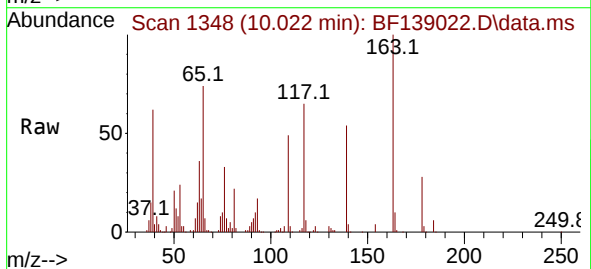
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:168 Resp: 331996
Ion Ratio Lower Upper
168 100
139 44.0 32.6 49.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 77.814 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:139 Resp: 52266
Ion Ratio Lower Upper
139 100
109 90.4 55.5 95.5
65 136.8 96.7 136.7#

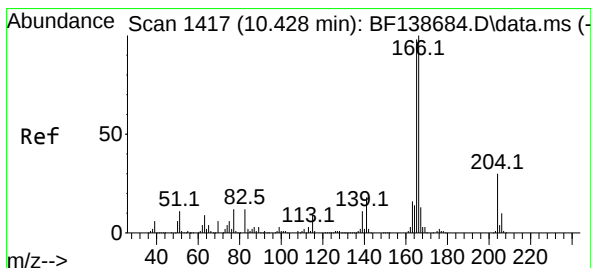
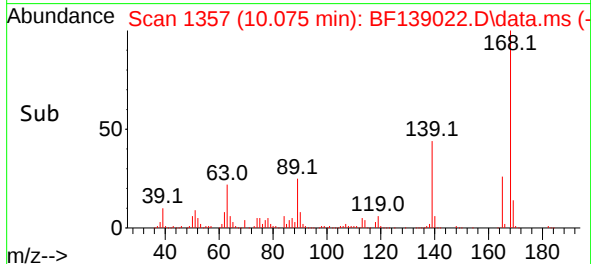
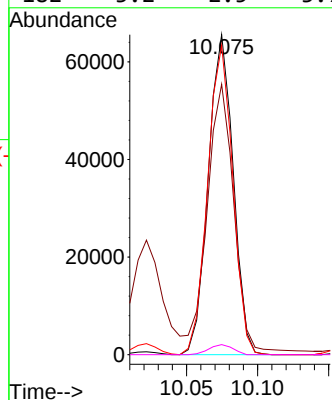
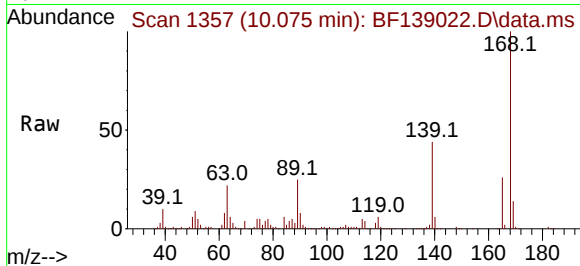




#57
2,4-Dinitrotoluene
Concen: 58.146 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

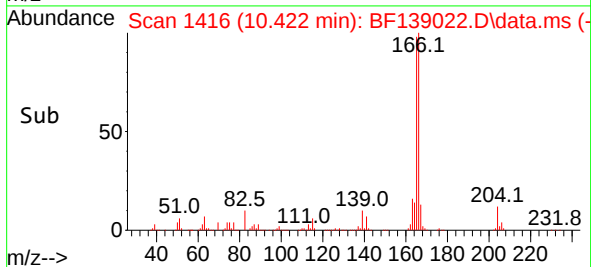
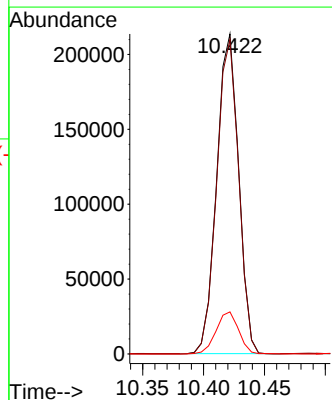
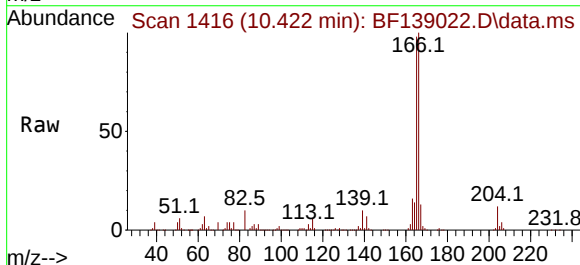
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:	165	Resp:	80154
Ion	Ratio	Lower	Upper
165	100		
63	84.5	46.3	69.5#
89	96.7	64.2	96.4#
182	3.2	2.5	3.7



#58
Fluorene
Concen: 57.319 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:	166	Resp:	267914
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.1	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.054 ng

RT: 10.204 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

Tgt Ion:232 Resp: 62591

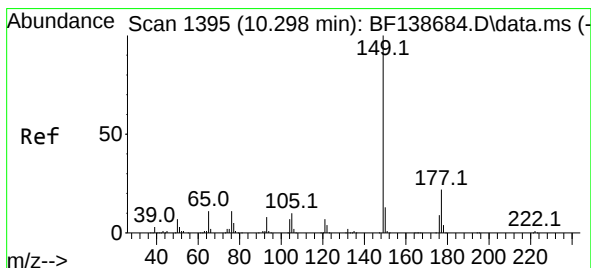
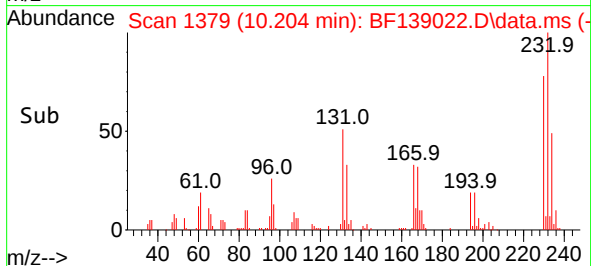
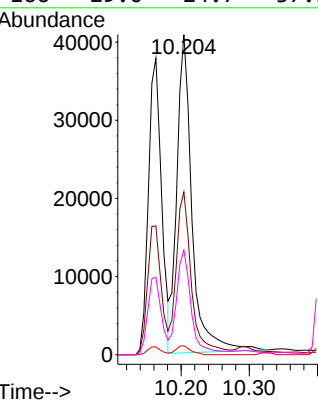
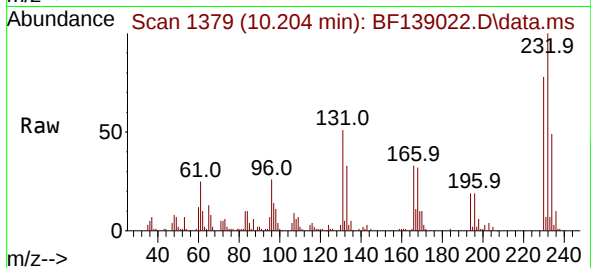
Ion Ratio Lower Upper

232 100

131 50.5 37.0 55.4

130 2.7 2.0 3.0

166 29.0 24.7 37.1



#60

Diethylphthalate

Concen: 60.610 ng

RT: 10.292 min Scan# 1394

Delta R.T. -0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

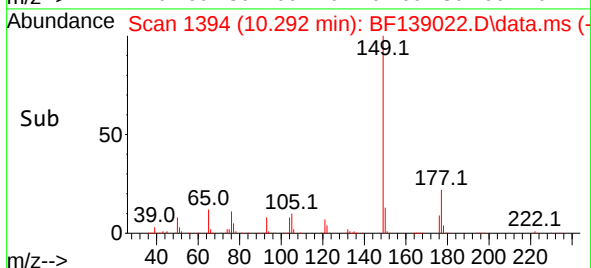
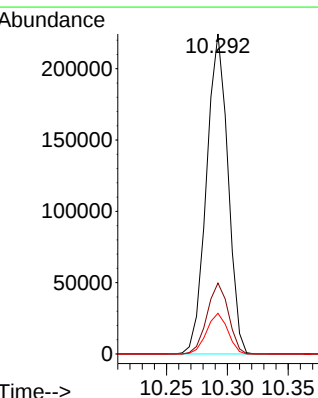
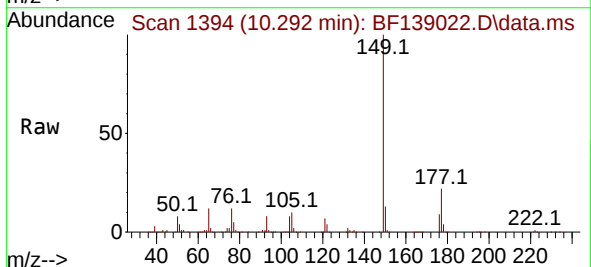
Tgt Ion:149 Resp: 275133

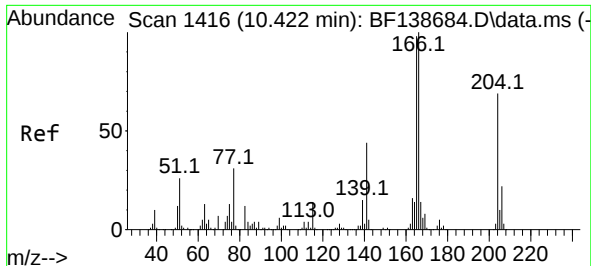
Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.8

150 12.7 10.1 15.1

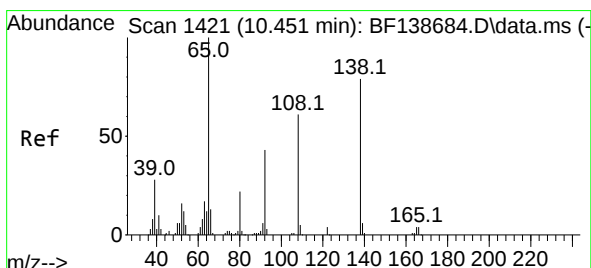
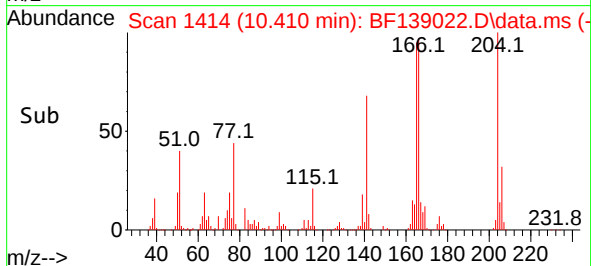
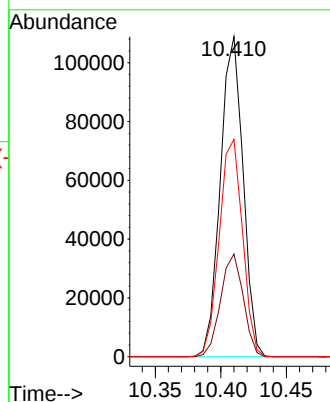
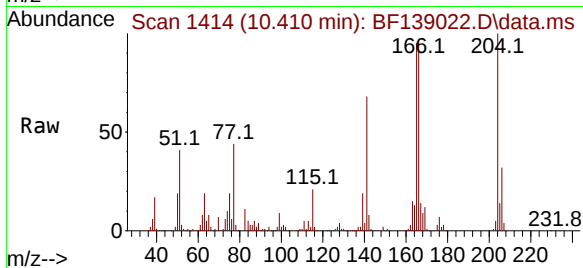




#61
4-Chlorophenyl-phenylether
Concen: 57.078 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

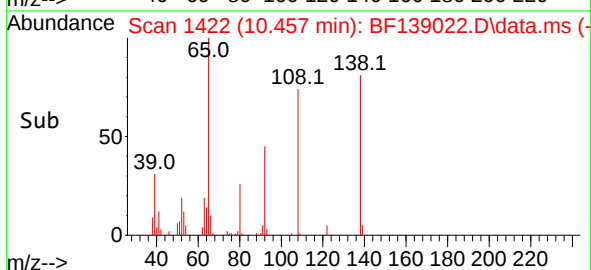
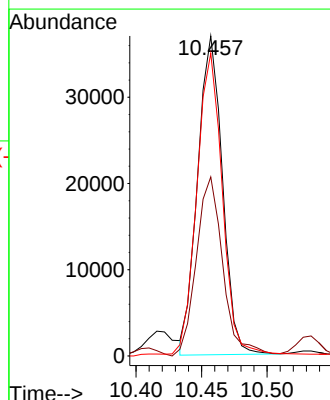
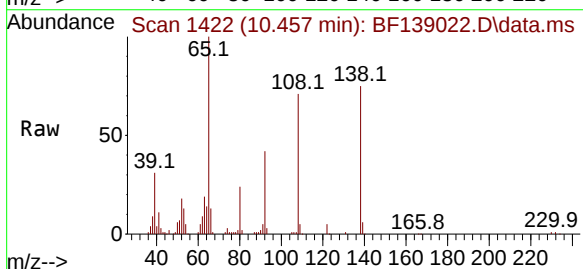
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

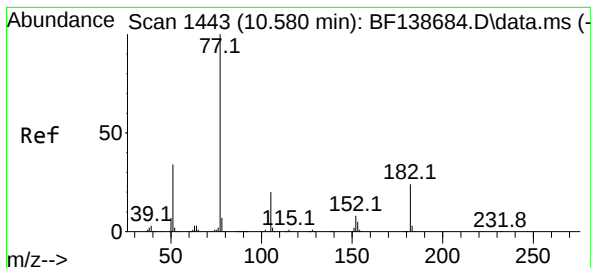
Tgt Ion:204 Resp: 131211
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 67.9 51.4 77.0



#62
4-Nitroaniline
Concen: 45.863 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:138 Resp: 48682
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 94.6 56.2 96.2





#63

Azobenzene

Concen: 57.389 ng

RT: 10.569 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

Tgt Ion: 77 Resp: 288936

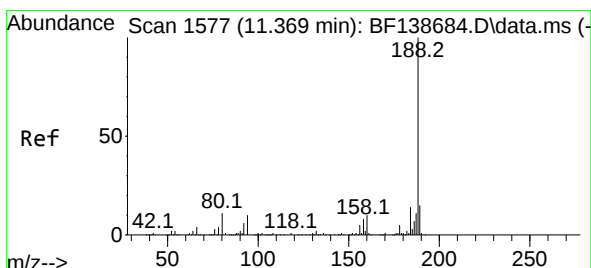
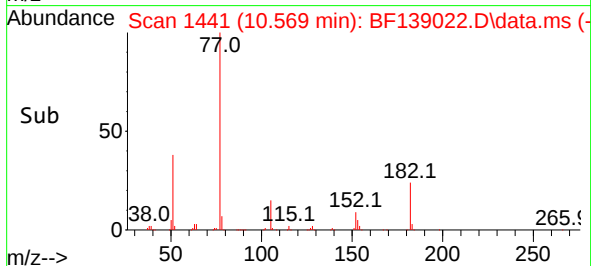
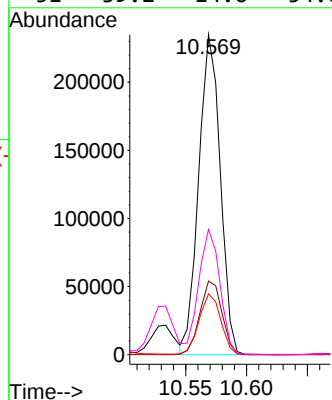
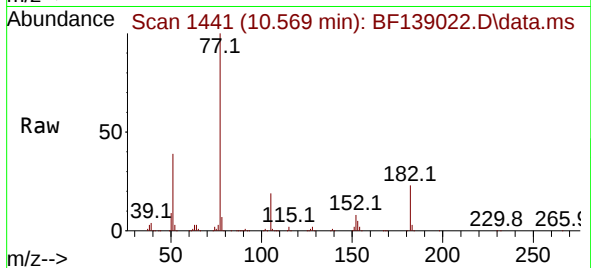
Ion Ratio Lower Upper

77 100

182 23.0 3.4 43.4

105 19.0 0.2 40.2

51 39.2 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

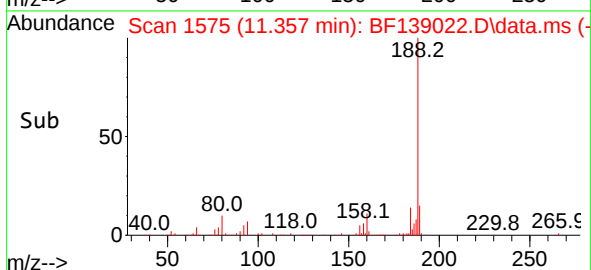
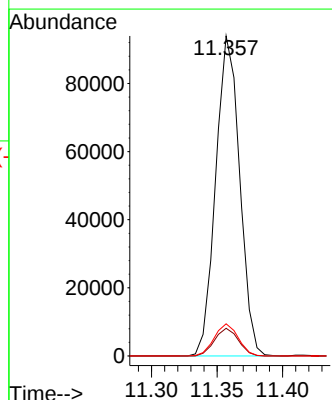
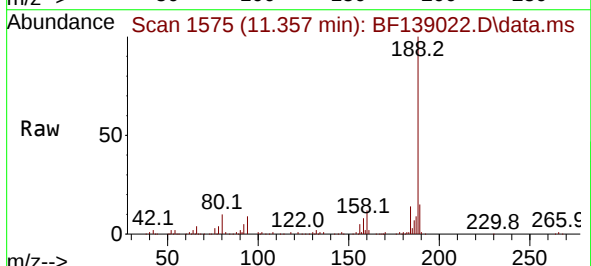
Tgt Ion: 188 Resp: 119120

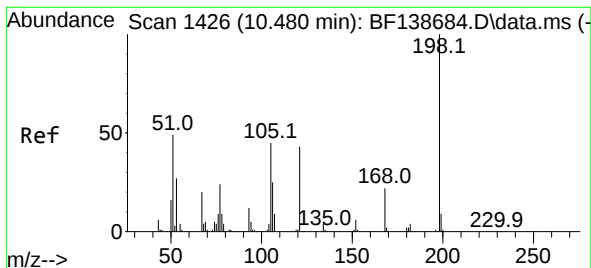
Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 10.0 8.6 12.8

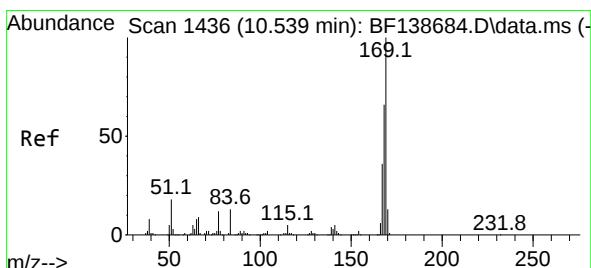
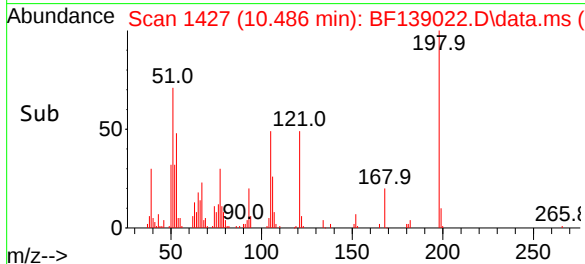
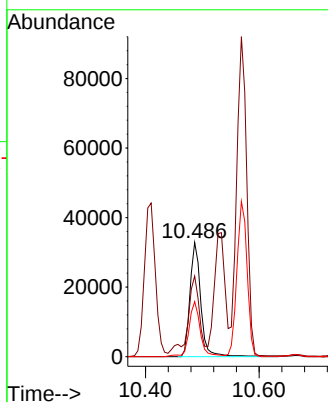
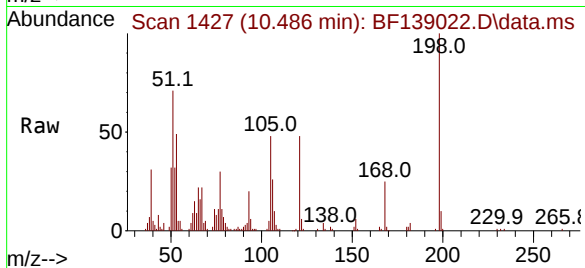




#65
4,6-Dinitro-2-methylphenol
Concen: 60.343 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

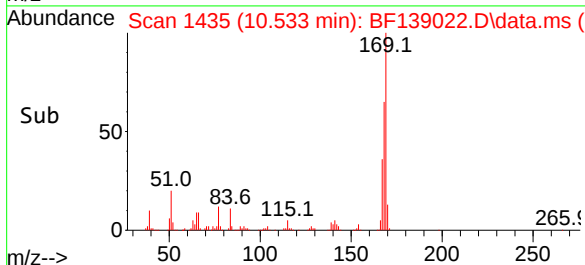
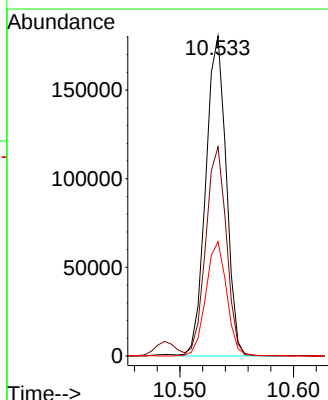
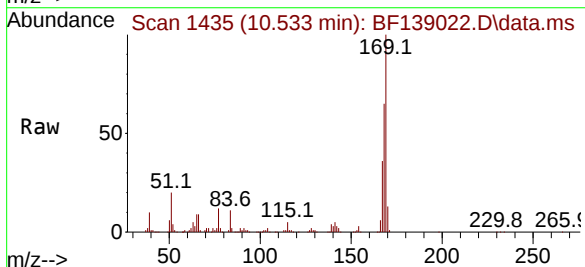
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

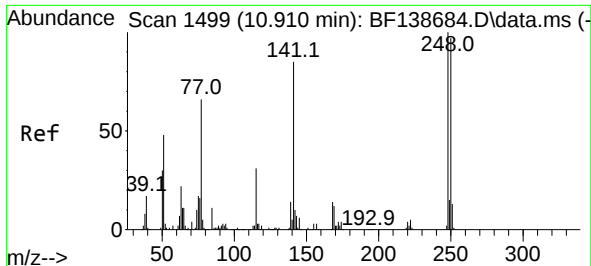
Tgt Ion:198 Resp: 43853
Ion Ratio Lower Upper
198 100
51 70.5 39.9 79.9
105 48.2 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 60.479 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:169 Resp: 225188
Ion Ratio Lower Upper
169 100
168 65.4 53.0 79.6
167 35.8 29.0 43.6

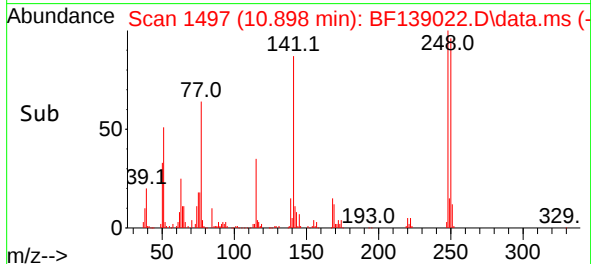
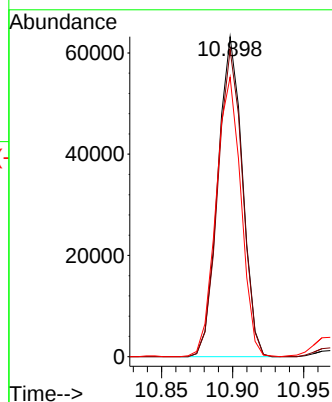
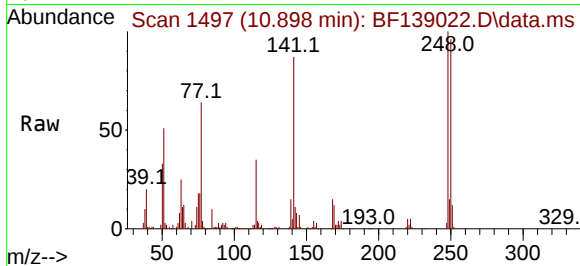




#67
4-Bromophenyl-phenylether
Concen: 58.815 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

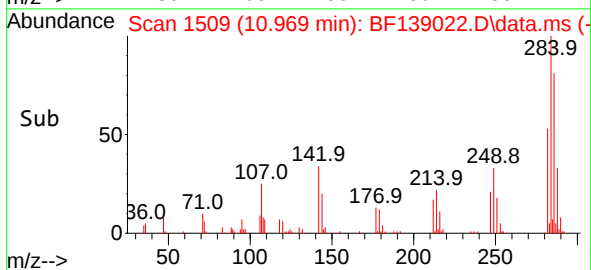
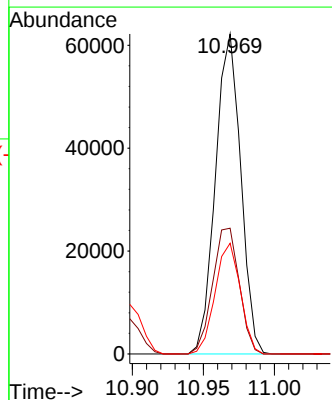
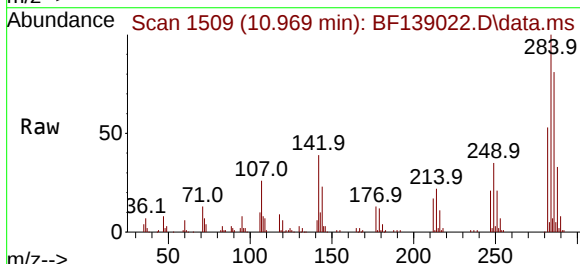
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:248 Resp: 75853
Ion Ratio Lower Upper
248 100
250 95.9 77.7 116.5
141 87.4 68.0 102.0



#68
Hexachlorobenzene
Concen: 57.845 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:284 Resp: 77028
Ion Ratio Lower Upper
284 100
142 39.3 31.3 46.9
249 34.6 27.2 40.8





#69

Atrazine

Concen: 60.668 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

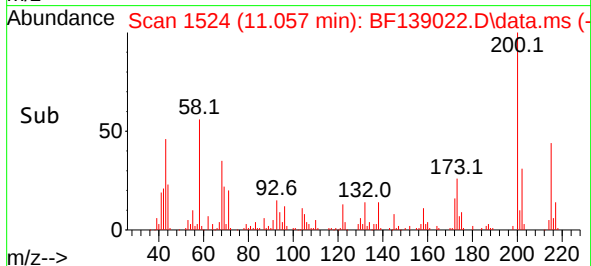
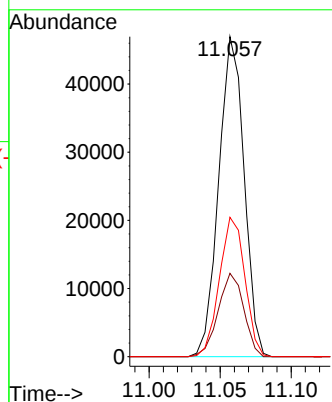
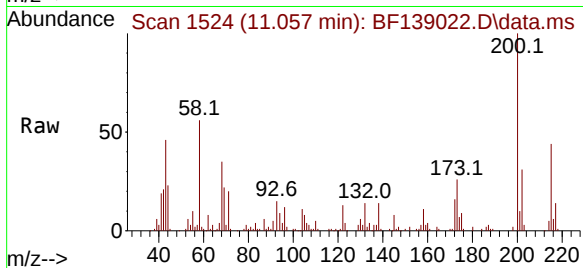
Tgt Ion:200 Resp: 58281

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

215 43.6 26.1 66.1



#70

Pentachlorophenol

Concen: 96.941 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

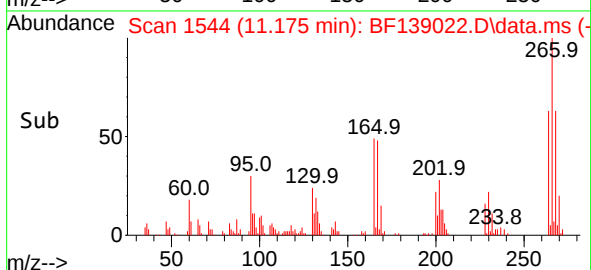
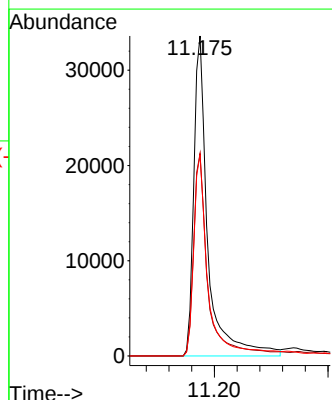
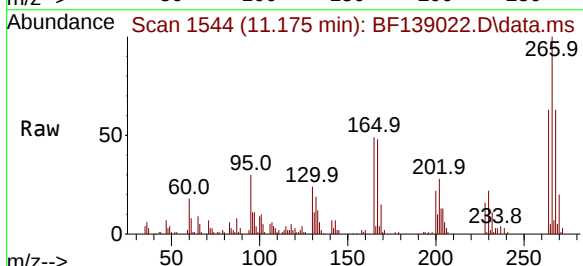
Tgt Ion:266 Resp: 58186

Ion Ratio Lower Upper

266 100

268 63.2 49.2 73.8

264 62.9 49.8 74.6

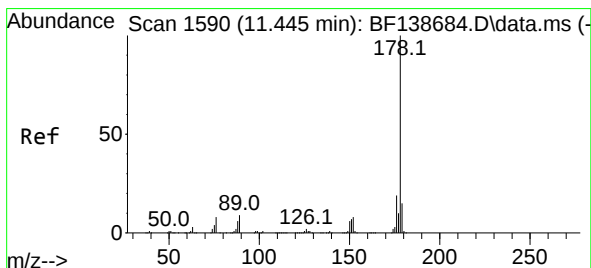
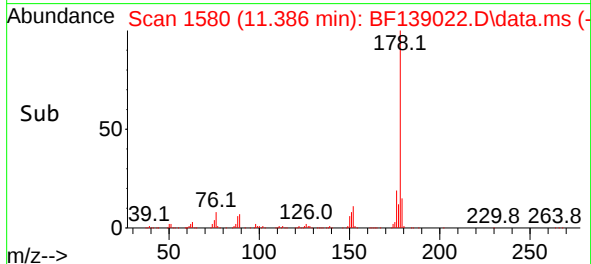
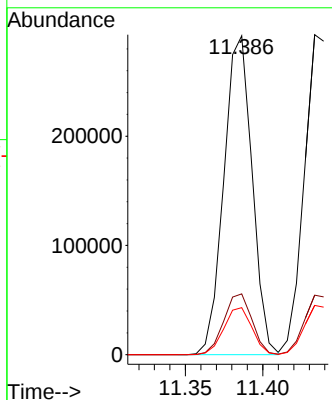
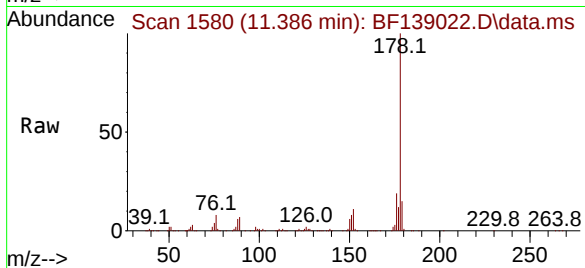




#71
Phenanthrene
Concen: 60.365 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

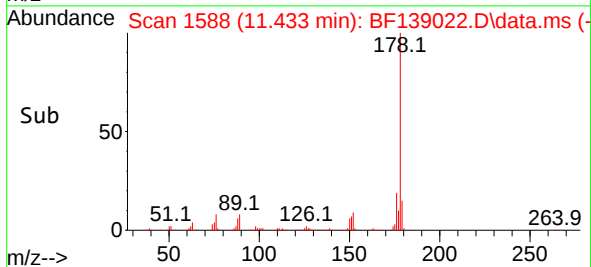
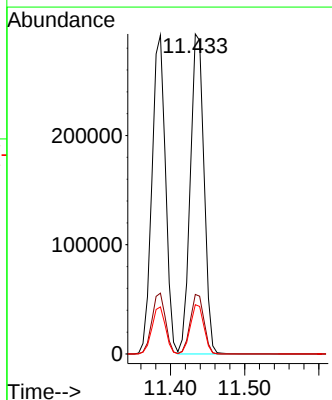
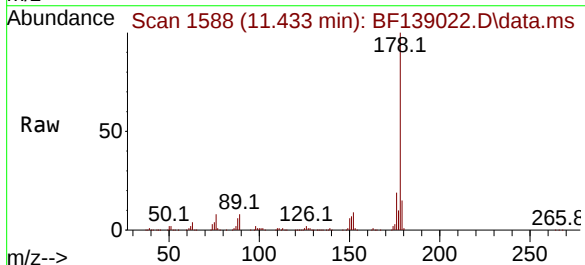
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

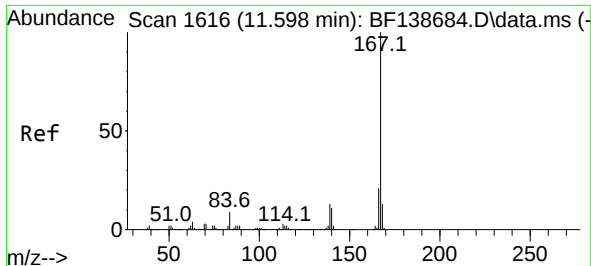
Tgt Ion:178 Resp: 370262
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.7 12.2 18.2



#72
Anthracene
Concen: 62.299 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:178 Resp: 376445
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 12.4 18.6

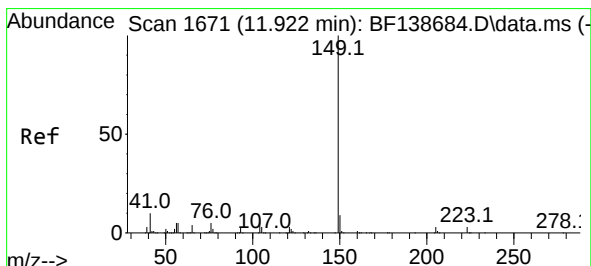
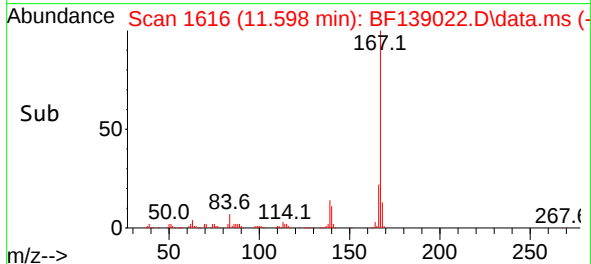
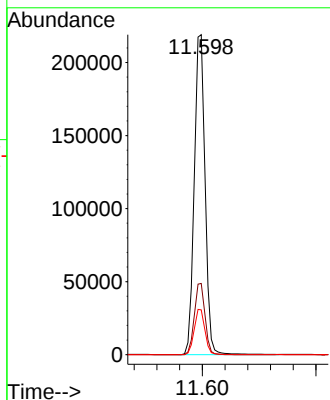
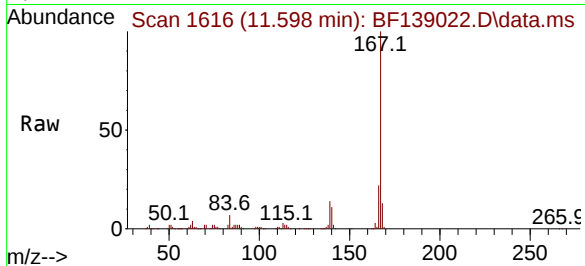




#73
 Carbazole
 Concen: 55.979 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF139022.D
 Acq: 15 Aug 2024 14:52

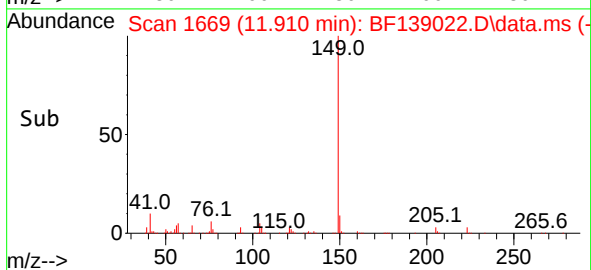
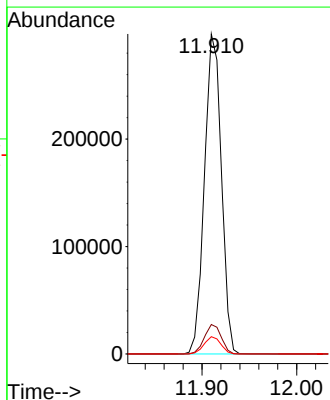
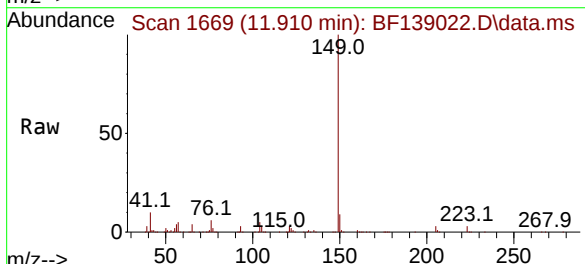
Instrument :
 BNA_F
 ClientSampleId :
 WC-S-06-202408MSD

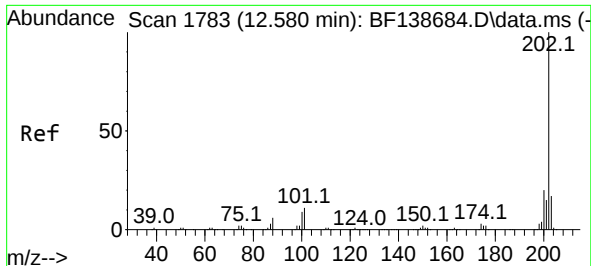
Tgt Ion:167 Resp: 291831
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 63.097 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139022.D
 Acq: 15 Aug 2024 14:52

Tgt Ion:149 Resp: 369781
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.1 6.1

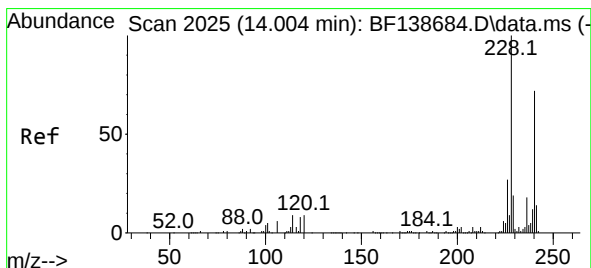
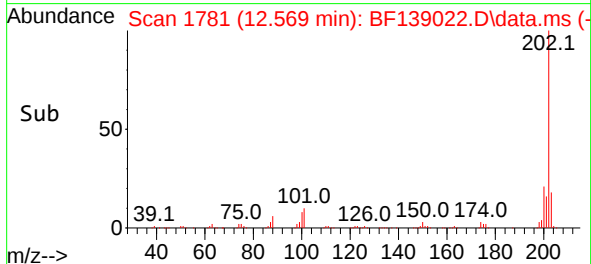
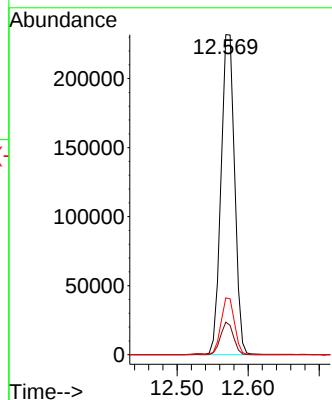
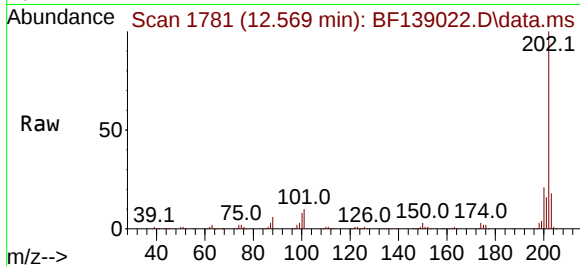




#75
Fluoranthene
Concen: 53.783 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

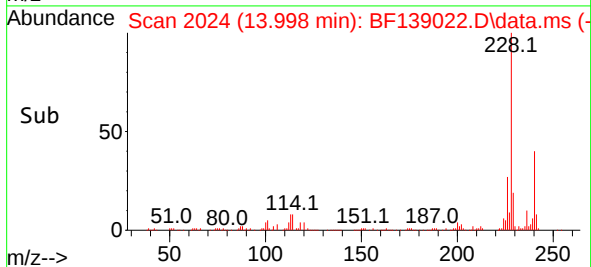
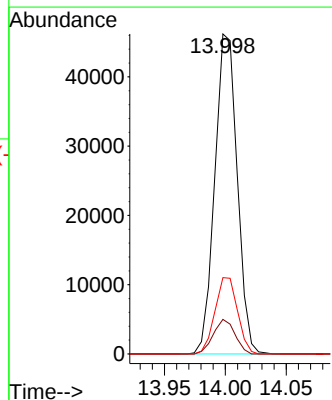
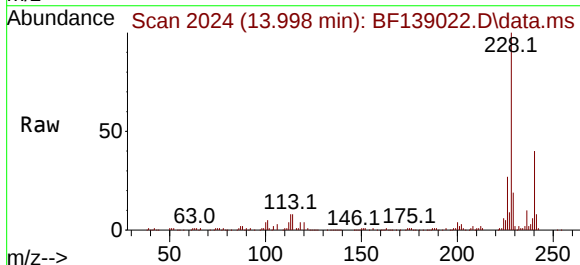
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:202 Resp: 307975
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:240 Resp: 59185
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 23.8 19.8 29.8

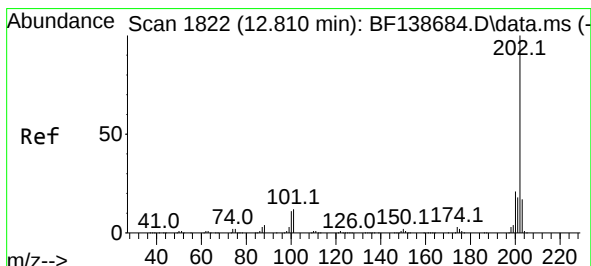
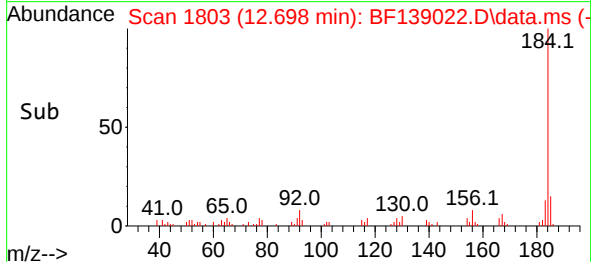
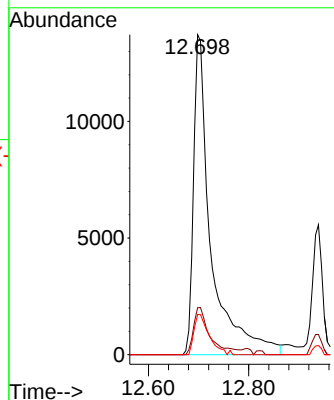
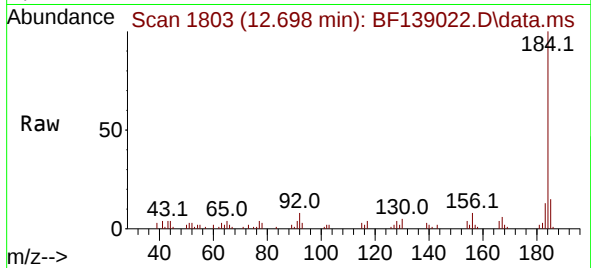




#77
Benzidine
Concen: 23.372 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

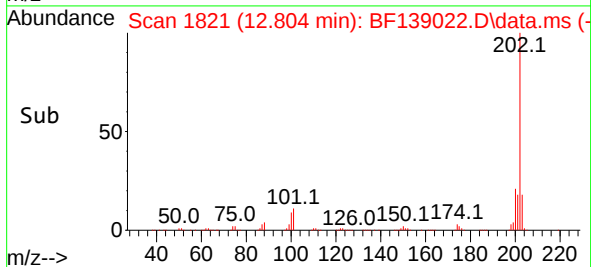
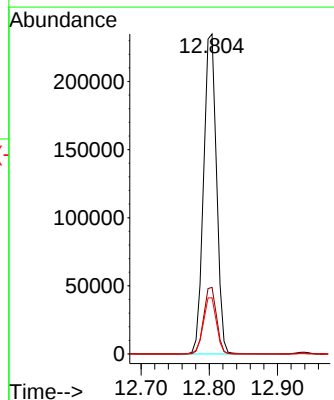
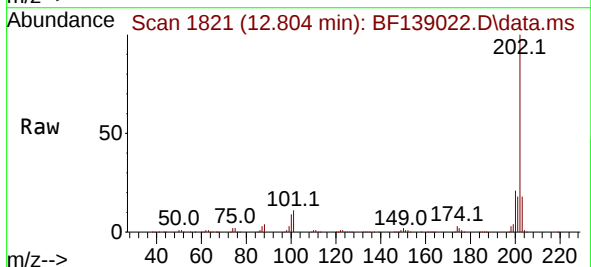
Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:184 Resp: 33086
Ion Ratio Lower Upper
184 100
185 14.7 11.1 16.7
183 12.6 9.6 14.4



#78
Pyrene
Concen: 55.648 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:202 Resp: 310094
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 128.326 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

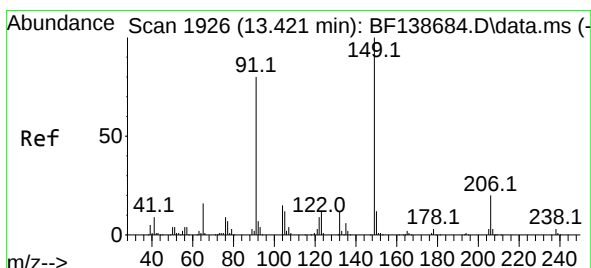
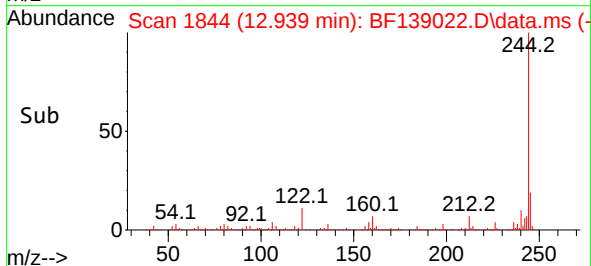
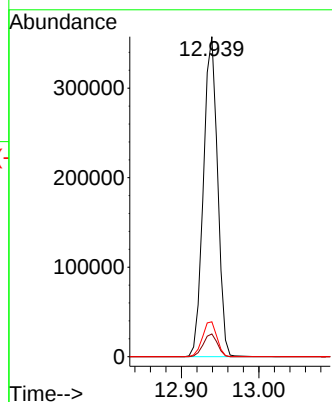
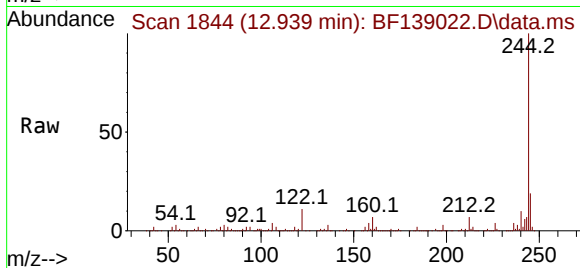
Tgt Ion:244 Resp: 453630

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.9 9.6 14.4



#80

Butylbenzylphthalate

Concen: 63.804 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

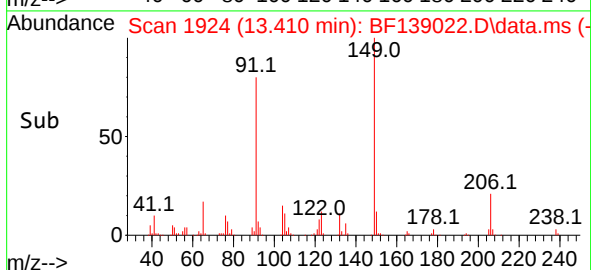
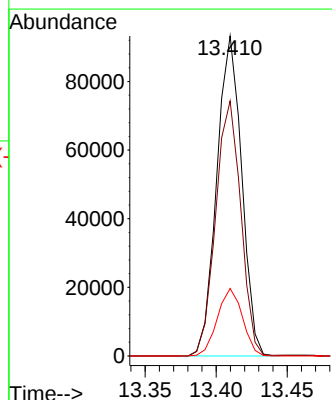
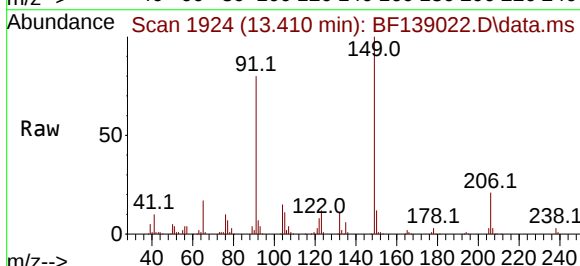
Tgt Ion:149 Resp: 113855

Ion Ratio Lower Upper

149 100

91 79.7 63.7 95.5

206 21.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 58.611 ng

RT: 13.992 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

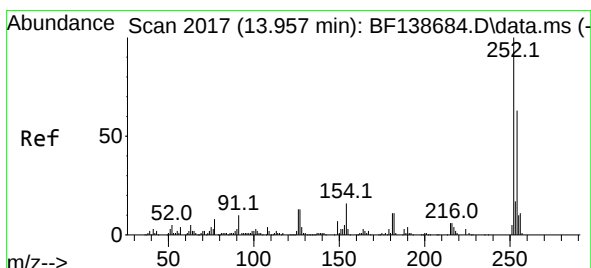
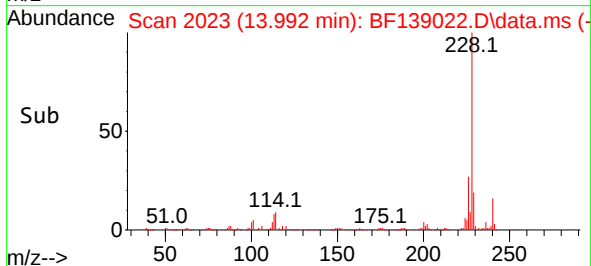
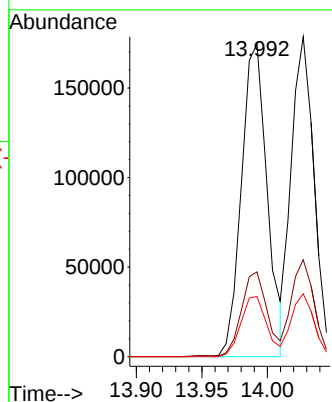
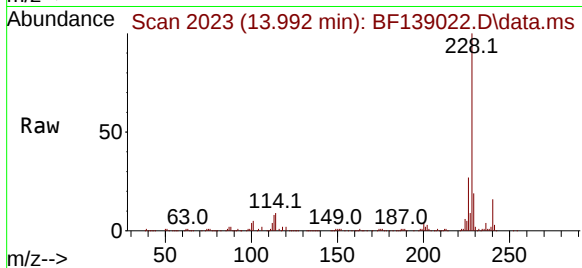
Tgt Ion:228 Resp: 238877

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.3 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 42.693 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

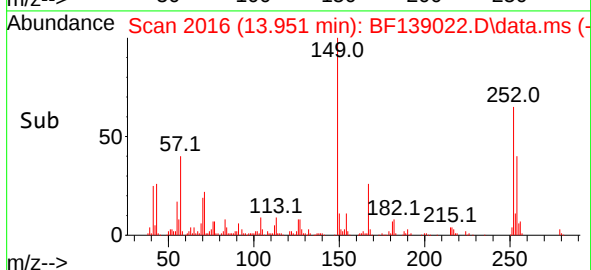
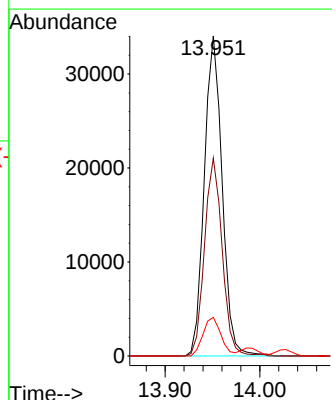
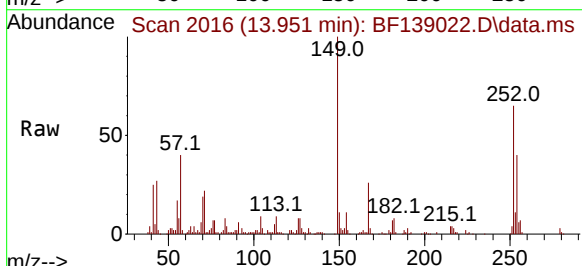
Tgt Ion:252 Resp: 44527

Ion Ratio Lower Upper

252 100

254 61.9 50.8 76.2

126 12.1 10.2 15.2





#83

Chrysene

Concen: 58.345 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

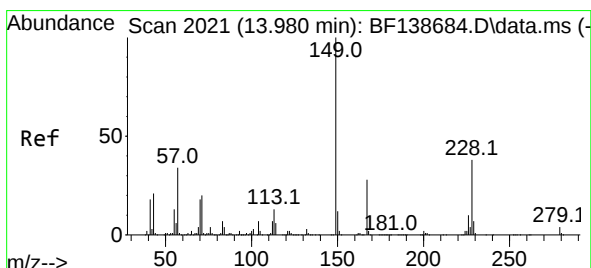
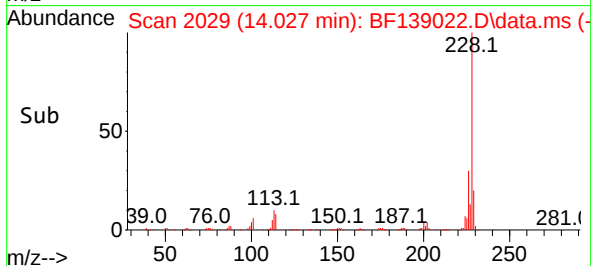
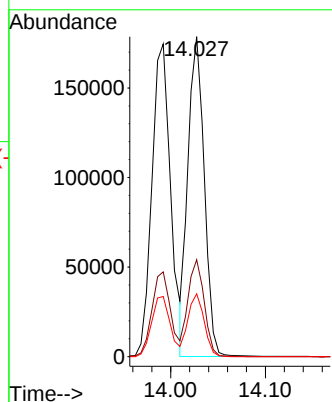
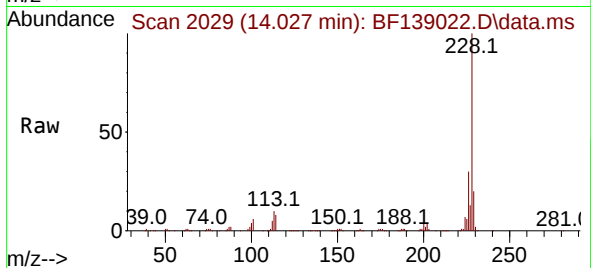
Tgt Ion:228 Resp: 214533

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.083 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

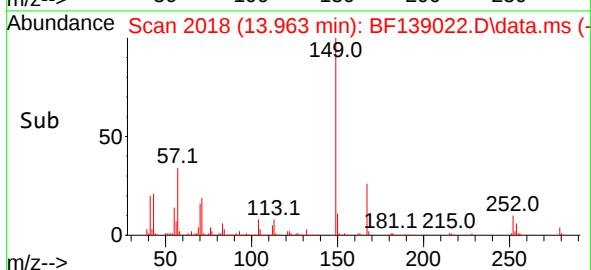
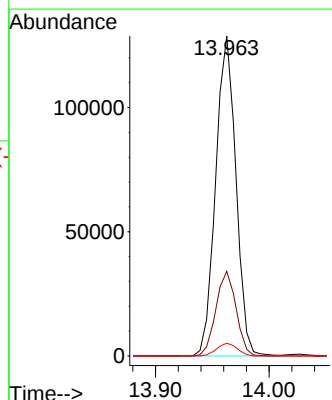
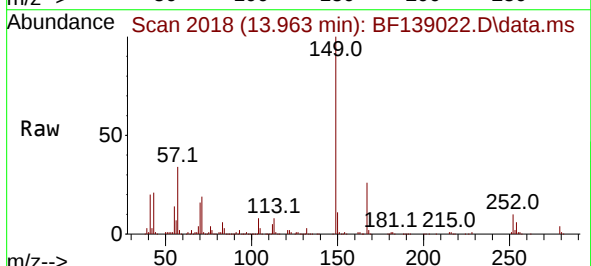
Tgt Ion:149 Resp: 159611

Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.4

279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 58.910 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

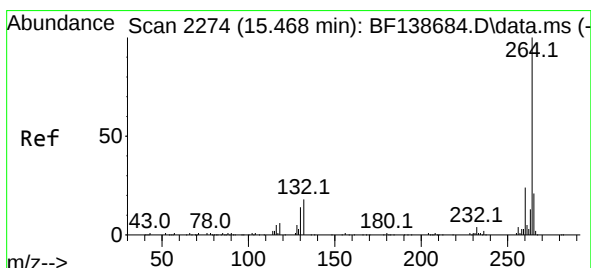
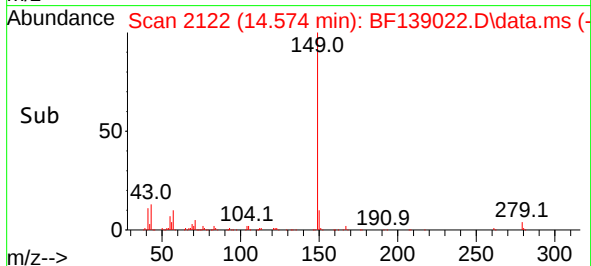
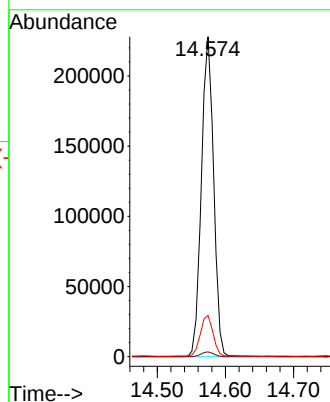
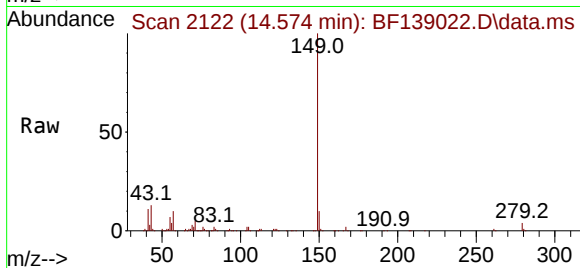
Tgt Ion:149 Resp: 284803

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 13.4 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

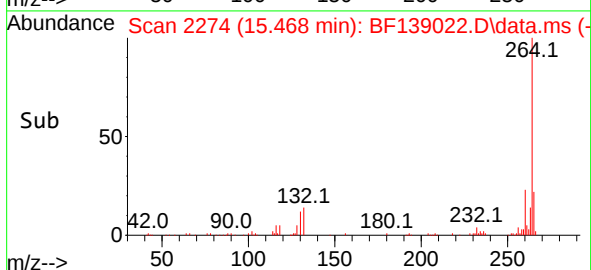
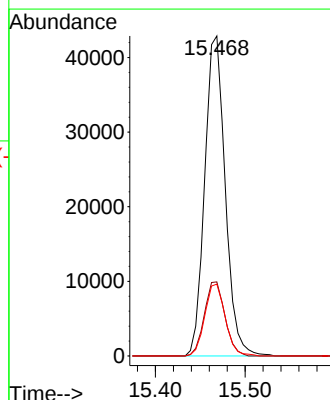
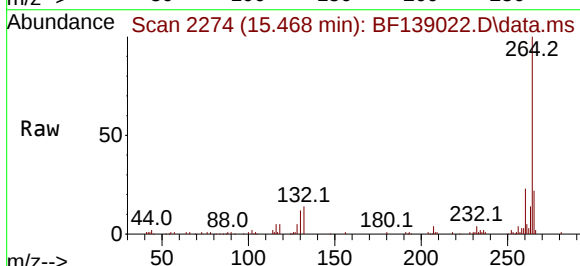
Tgt Ion:264 Resp: 68182

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.493 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

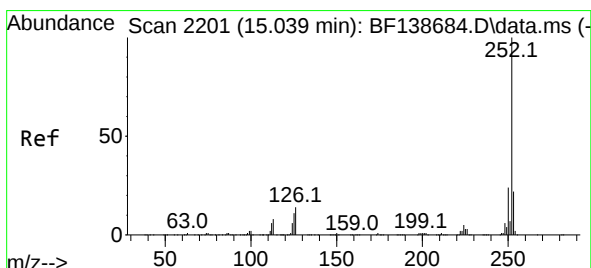
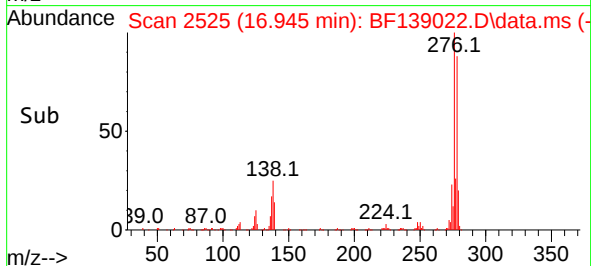
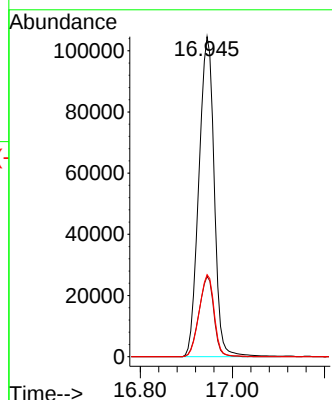
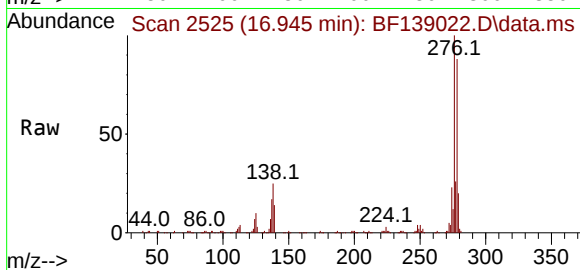
Tgt Ion:276 Resp: 241829

Ion Ratio Lower Upper

276 100

138 24.3 21.8 32.8

277 25.1 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.430 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

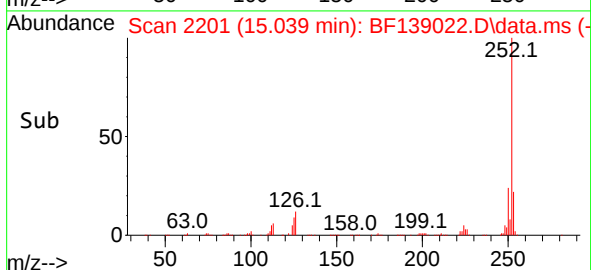
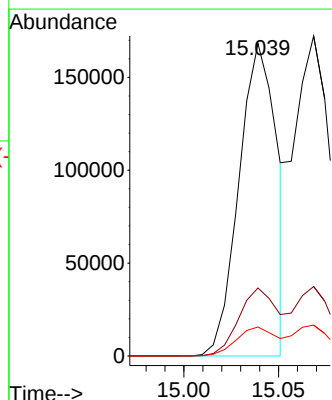
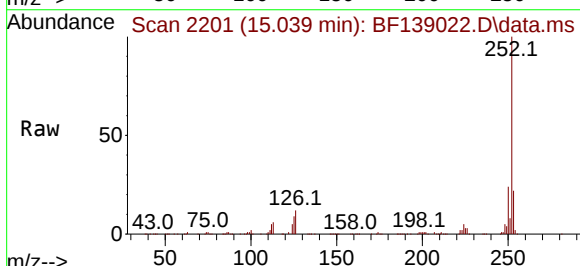
Tgt Ion:252 Resp: 234282

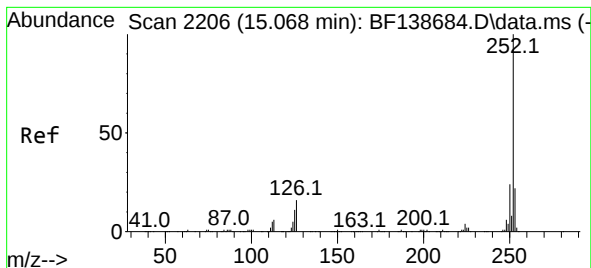
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 55.131 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

Instrument :

BNA_F

ClientSampleId :

WC-S-06-202408MSD

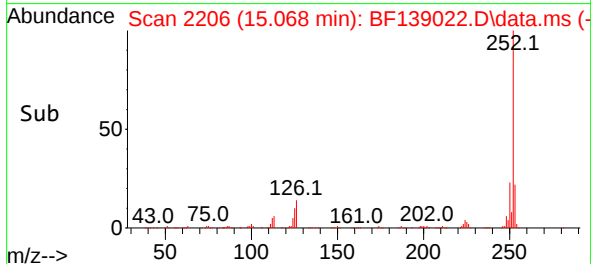
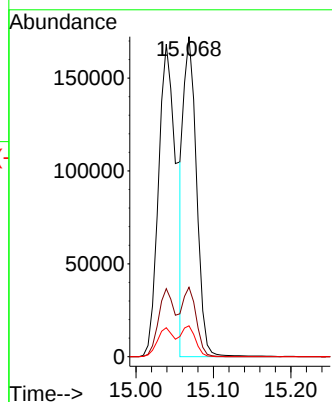
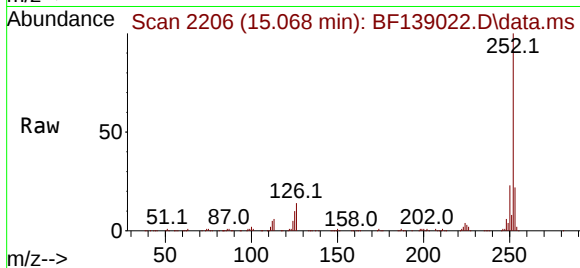
Tgt Ion:252 Resp: 201750

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.6 8.6 13.0



#90

Benzo(a)pyrene

Concen: 64.081 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139022.D

Acq: 15 Aug 2024 14:52

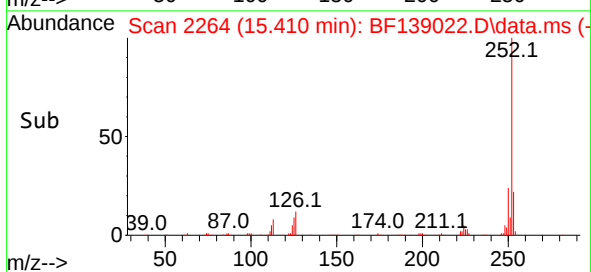
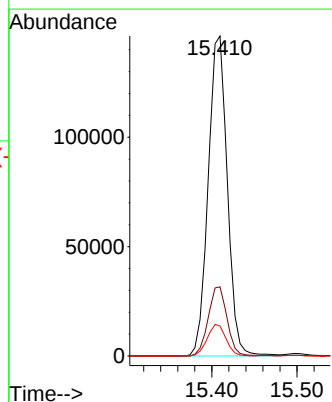
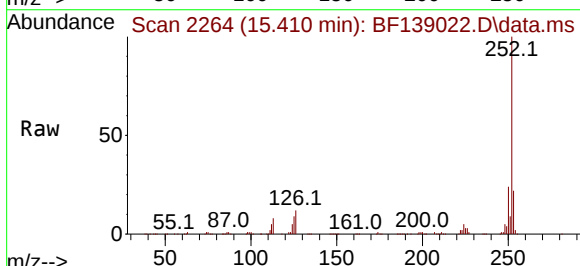
Tgt Ion:252 Resp: 227822

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.4 9.5 14.3#

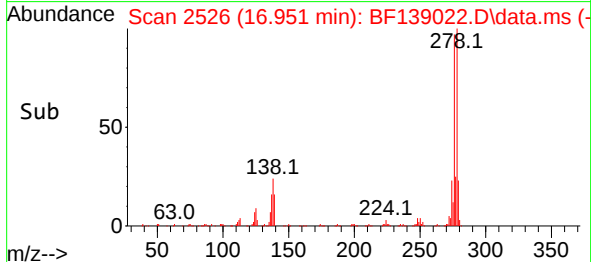
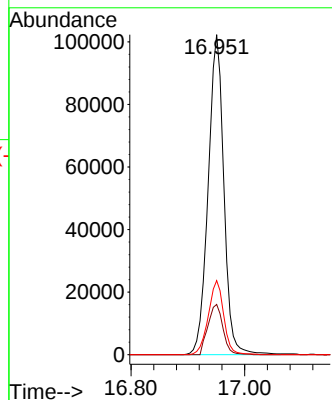
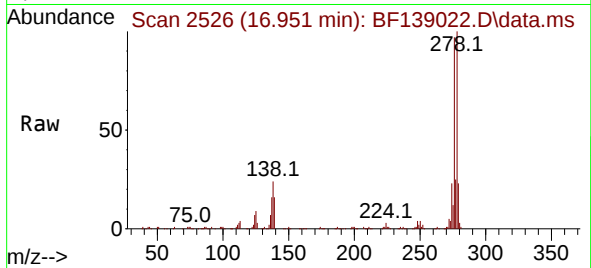




#91
Dibenzo(a,h)anthracene
Concen: 48.776 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Instrument :
BNA_F
ClientSampleId :
WC-S-06-202408MSD

Tgt Ion:278 Resp: 195638
Ion Ratio Lower Upper
278 100
139 15.7 14.0 21.0
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.631 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF139022.D
Acq: 15 Aug 2024 14:52

Tgt Ion:276 Resp: 169112
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 20.2 18.5 27.7

