

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139506.D
 Acq On : 20 Sep 2024 17:23
 Operator : RC/JU
 Sample : P4103-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMS

Quant Time: Sep 20 18:19:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75118	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	265096	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	120212	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	206785	20.000	ng	0.00
76) Chrysene-d12	14.039	240	107208	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	86523	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	543454	118.023	ng	0.02
7) Phenol-d6	6.516	99	681831	112.813	ng	0.01
23) Nitrobenzene-d5	7.445	82	482164	85.506	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	147424	115.193	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	774659	90.380	ng	0.00
79) Terphenyl-d14	12.986	244	721883	110.523	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	61147	33.099	ng	# 76
3) Pyridine	3.510	79	143606	35.257	ng	98
4) n-Nitrosodimethylamine	3.451	42	123552	34.997	ng	# 82
6) Aniline	6.616	93	231202	50.690	ng	# 56
8) 2-Chlorophenol	6.669	128	191088	40.315	ng	99
9) Benzaldehyde	6.434	77	25658	7.348	ng	98
10) Phenol	6.534	94	230326	37.417	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	231202	49.417	ng	98
12) 1,3-Dichlorobenzene	6.822	146	163506	30.332	ng	97
13) 1,4-Dichlorobenzene	6.898	146	166389	30.545	ng	99
14) 1,2-Dichlorobenzene	7.045	146	163244	31.714	ng	98
15) Benzyl Alcohol	7.022	79	172782	35.832	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	319914	44.368	ng	84
17) 2-Methylphenol	7.139	107	159202	42.274	ng	99
18) Hexachloroethane	7.392	117	57688	27.803	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	149092	41.628	ng	98
20) 3+4-Methylphenols	7.292	107	208259	40.534	ng	93
22) Acetophenone	7.286	105	270879	39.086	ng	97
24) Nitrobenzene	7.463	77	214795	37.010	ng	97
25) Isophorone	7.698	82	395935	44.397	ng	99
26) 2-Nitrophenol	7.775	139	93418	41.315	ng	95
27) 2,4-Dimethylphenol	7.816	122	152235	51.041	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	230166	45.285	ng	98
29) 2,4-Dichlorophenol	8.028	162	160577	42.380	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	151778	34.379	ng	98
31) Naphthalene	8.180	128	525937	38.002	ng	99
32) Benzoic acid	7.928	122	104999	37.618	ng	93
33) 4-Chloroaniline	8.280	127	25290	5.973	ng	97
34) Hexachlorobutadiene	8.298	225	98214	32.745	ng	99
35) Caprolactam	8.598	113	35678	30.610	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	166514	38.453	ng	96
37) 2-Methylnaphthalene	8.875	142	337410	38.410	ng	100
38) 1-Methylnaphthalene	8.969	142	313160	36.312	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	158988	44.626	ng	99
41) Hexachlorocyclopentadiene	9.022	237	99484	79.974	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	108760	46.922	ng	99

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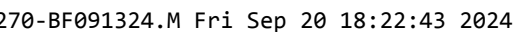
Instrument :
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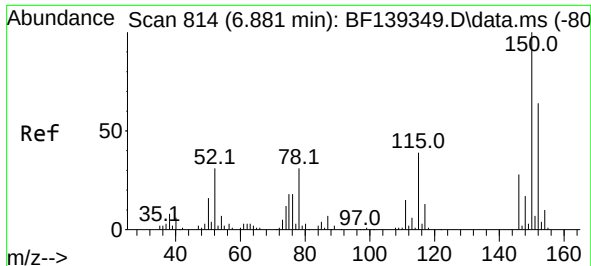
Quant Time: Sep 20 18:19:26 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	110699	45.276	ng	96
46) 1,1'-Biphenyl	9.333	154	422065	45.637	ng	99
47) 2-Chloronaphthalene	9.363	162	302369	43.727	ng	99
48) 2-Nitroaniline	9.457	65	118985	46.262	ng	96
49) Acenaphthylene	9.774	152	492058	47.273	ng	100
50) Dimethylphthalate	9.633	163	387582	49.123	ng	99
51) 2,6-Dinitrotoluene	9.698	165	79789	45.649	ng	95
52) Acenaphthene	9.951	154	332144	45.720	ng	99
53) 3-Nitroaniline	9.869	138	38494	22.037	ng	92
54) 2,4-Dinitrophenol	9.975	184	57429	58.964	ng	92
55) Dibenzofuran	10.122	168	447474	44.192	ng	96
56) 4-Nitrophenol	10.033	139	113447	78.488	ng	86
57) 2,4-Dinitrotoluene	10.104	165	107111	45.390	ng	95
58) Fluorene	10.463	166	345845	41.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	93283	46.122	ng	94
60) Diethylphthalate	10.333	149	371672	45.648	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	169648	42.253	ng	95
62) 4-Nitroaniline	10.480	138	67491	35.401	ng	90
63) Azobenzene	10.616	77	343343	42.873	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	37426	34.292	ng	91
66) n-Nitrosodiphenylamine	10.574	169	285403	47.208	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98353	47.996	ng	98
68) Hexachlorobenzene	11.010	284	109136	45.379	ng	100
69) Atrazine	11.104	200	66630	46.294	ng	97
70) Pentachlorophenol	11.210	266	142663	98.860	ng	99
71) Phenanthrene	11.427	178	481633	48.277	ng	100
72) Anthracene	11.480	178	496555	50.906	ng	99
73) Carbazole	11.633	167	457414	48.996	ng	99
74) Di-n-butylphthalate	11.963	149	524700	50.453	ng	99
75) Fluoranthene	12.616	202	521151	48.916	ng	98
77) Benzidine	12.745	184	29280	19.063	ng	96
78) Pyrene	12.845	202	520261	56.518	ng	100
80) Butylbenzylphthalate	13.457	149	194429	62.053	ng	100
81) Benzo(a)anthracene	14.027	228	345247	48.617	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	35822	17.225	ng	99
83) Chrysene	14.062	228	327709	50.159	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	225551	56.587	ng	99
85) Di-n-octyl phthalate	14.627	149	314082	53.505	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	238622	46.380	ng	97
88) Benzo(b)fluoranthene	15.080	252	252614	47.340	ng	99
89) Benzo(k)fluoranthene	15.109	252	259325	52.707	ng	99
90) Benzo(a)pyrene	15.451	252	232602	52.559	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	203415	47.847	ng	98
92) Benzo(g,h,i)perylene	17.433	276	169737	40.323	ng	97

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

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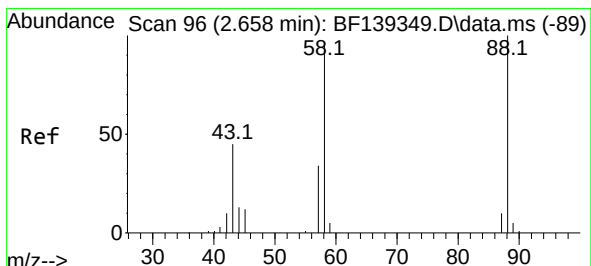
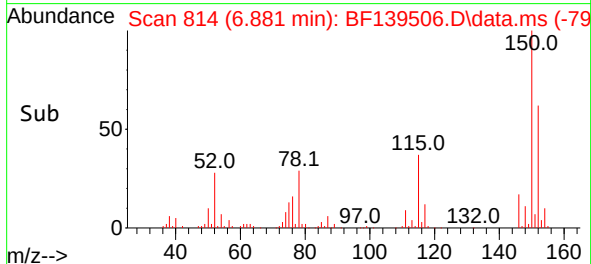
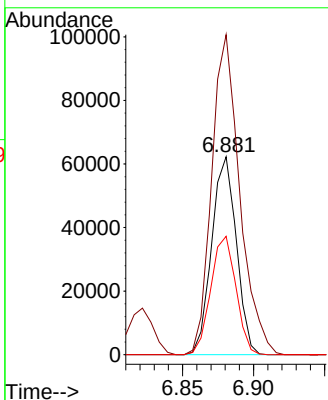
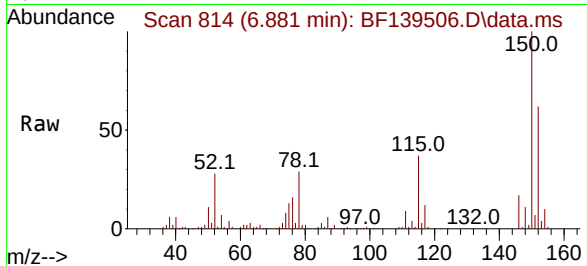




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139506.D
 Acq: 20 Sep 2024 17:23

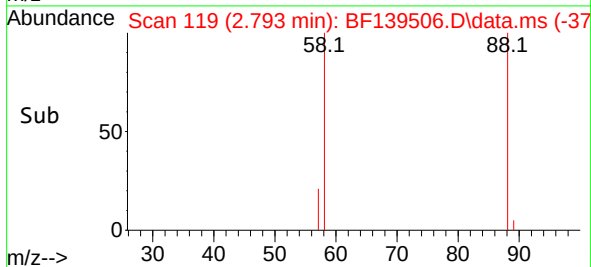
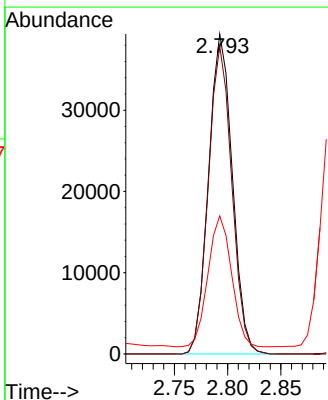
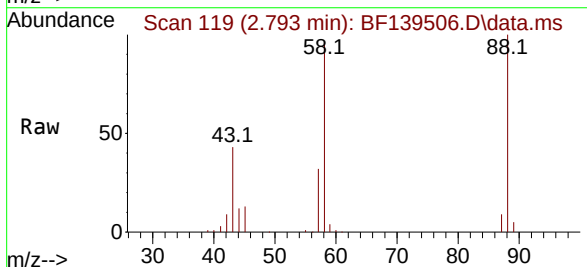
Instrument :
 BNA_F
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 WC-22AMS

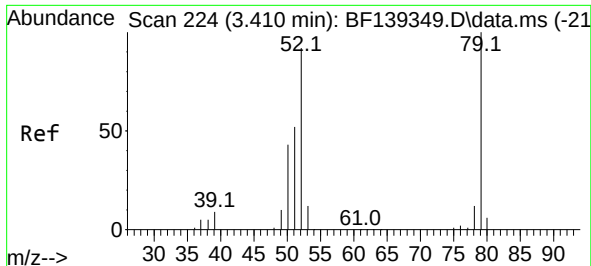
Tgt Ion:152 Resp: 75118
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.1 186.1
 115 59.8 48.1 72.1



#2
 1,4-Dioxane
 Concen: 33.099 ng
 RT: 2.793 min Scan# 119
 Delta R.T. 0.135 min
 Lab File: BF139506.D
 Acq: 20 Sep 2024 17:23

Tgt Ion: 88 Resp: 61147
 Ion Ratio Lower Upper
 88 100
 58 95.0 74.8 112.2
 43 0.0 36.4 54.6#





#3

Pyridine

Concen: 35.257 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.100 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

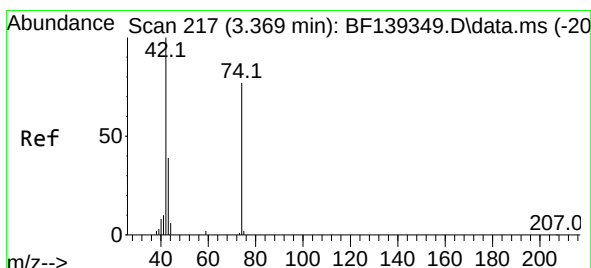
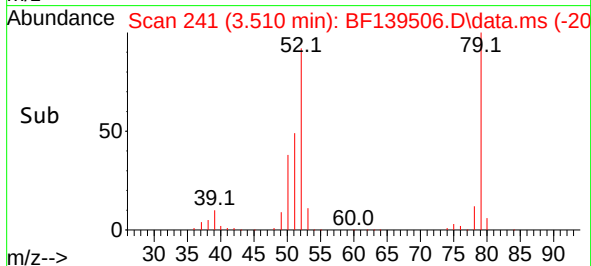
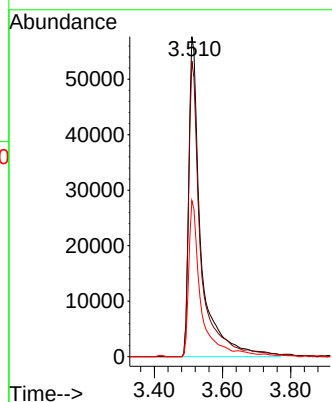
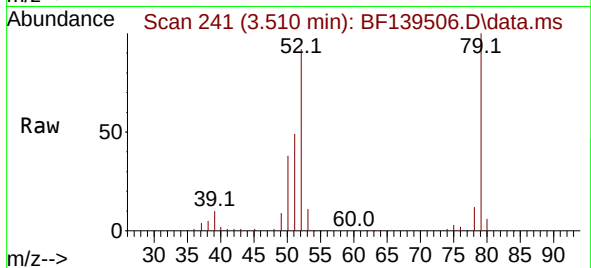
Tgt Ion: 79 Resp: 143606

Ion Ratio Lower Upper

79 100

52 92.4 73.8 110.8

51 48.7 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 34.997 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.082 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

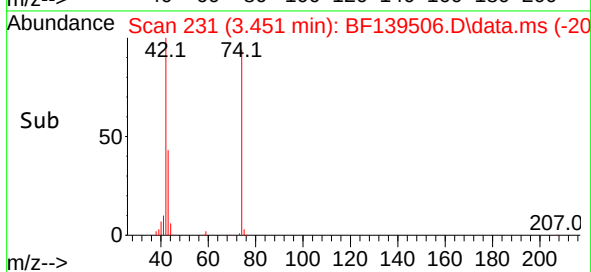
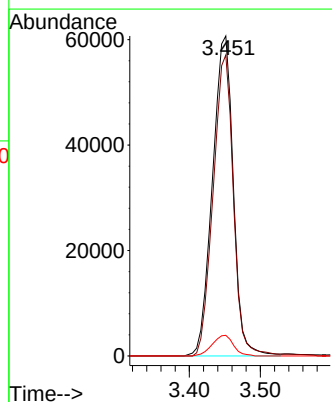
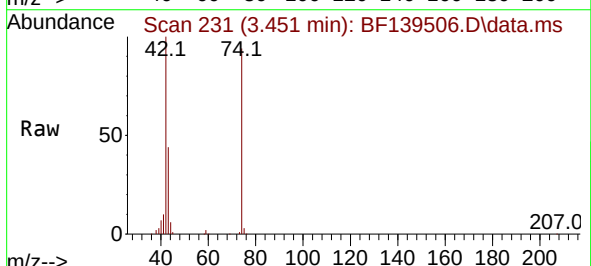
Tgt Ion: 42 Resp: 123552

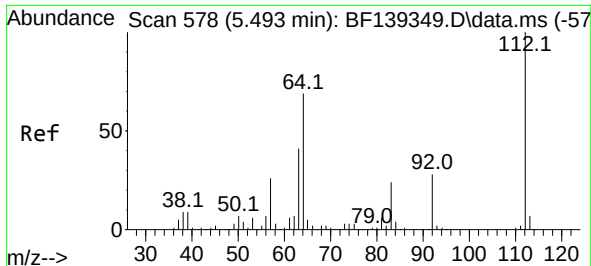
Ion Ratio Lower Upper

42 100

74 94.1 61.8 92.8#

44 6.5 4.8 7.2

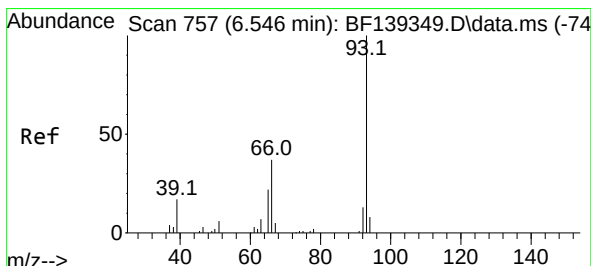
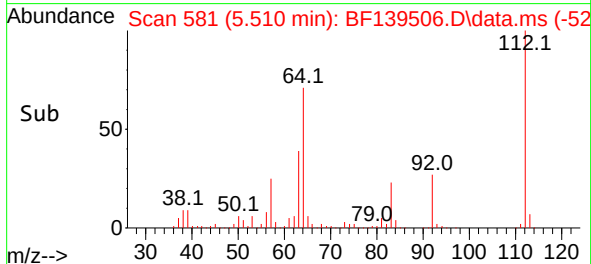
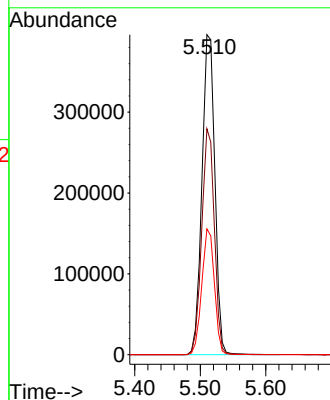
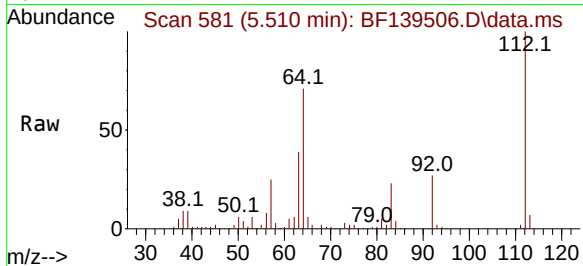




#5
 2-Fluorophenol
 Concen: 118.023 ng
 RT: 5.510 min Scan# 510
 Delta R.T. 0.017 min
 Lab File: BF139506.D
 Acq: 20 Sep 2024 17:23

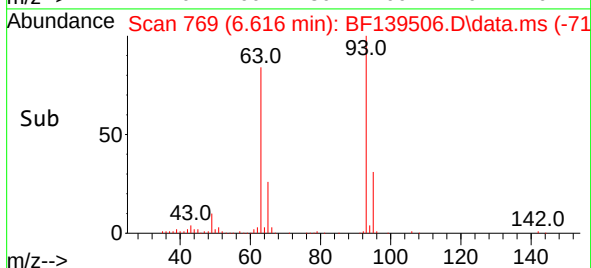
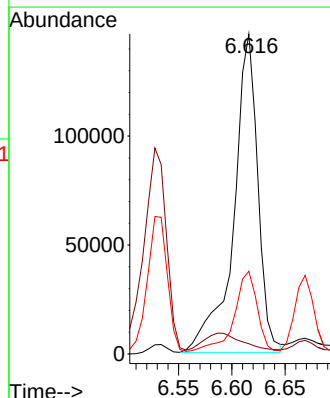
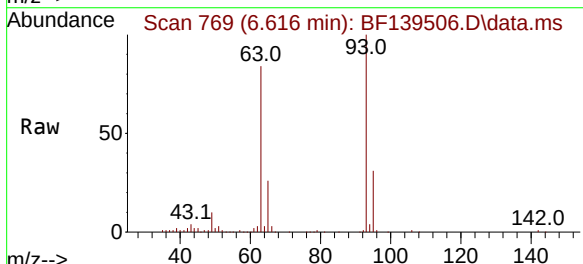
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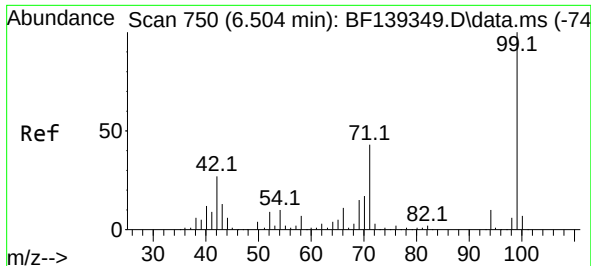
Tgt Ion:	112	Resp:	543454
Ion	Ratio	Lower	Upper
112	100		
64	70.6	54.8	82.2
63	39.3	33.0	49.4



#6
 Aniline
 Concen: 50.690 ng
 RT: 6.616 min Scan# 769
 Delta R.T. 0.047 min
 Lab File: BF139506.D
 Acq: 20 Sep 2024 17:23

Tgt Ion:	93	Resp:	231202
Ion	Ratio	Lower	Upper
93	100		
66	3.2	35.4	53.0
65	25.8	18.2	27.4





#7

Phenol-d6

Concen: 112.813 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

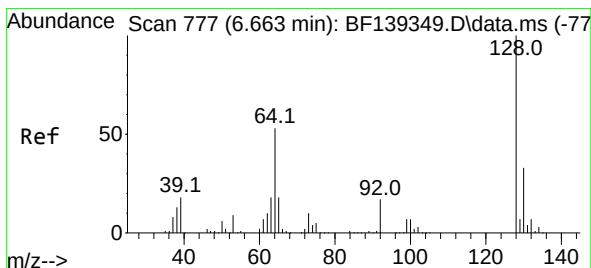
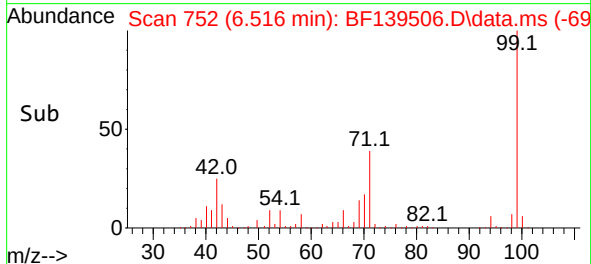
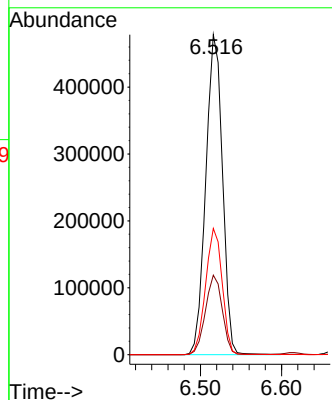
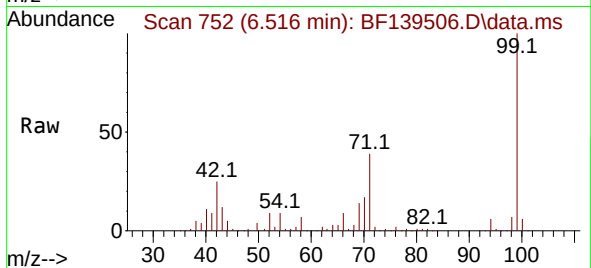
Tgt Ion: 99 Resp: 681831

Ion Ratio Lower Upper

99 100

42 24.8 21.9 32.9

71 39.5 34.6 52.0



#8

2-Chlorophenol

Concen: 40.315 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

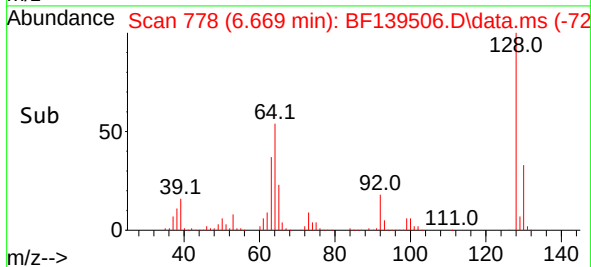
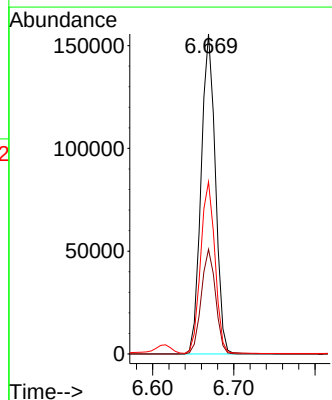
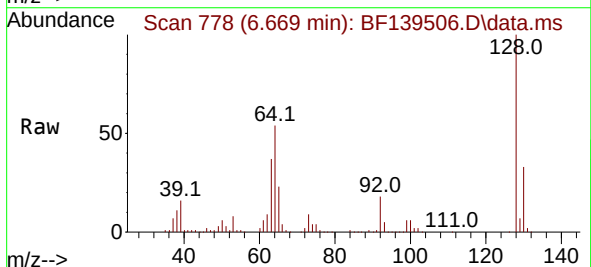
Tgt Ion:128 Resp: 191088

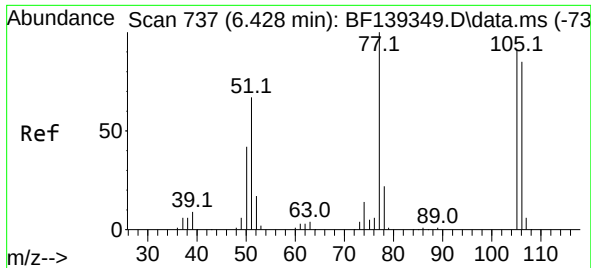
Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 7.348 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139506.D

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Instrument :

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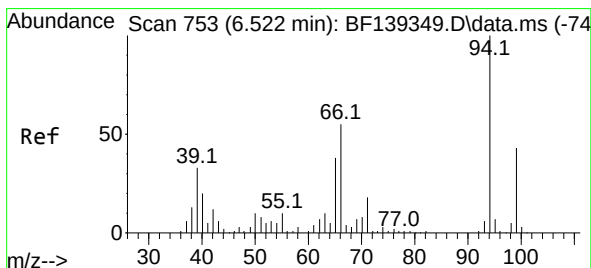
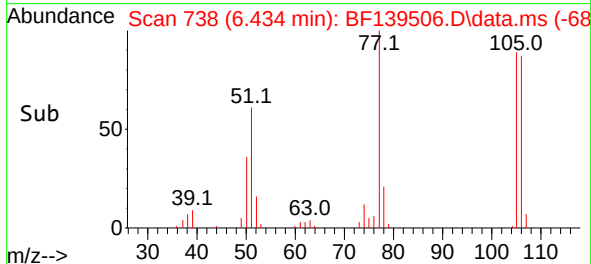
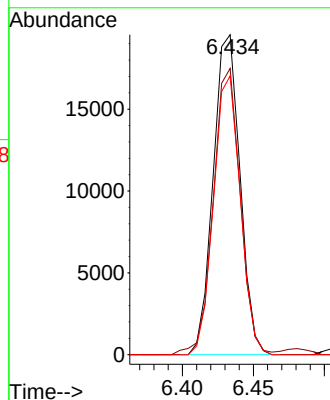
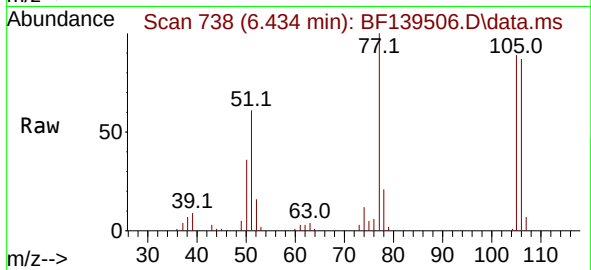
Tgt Ion: 77 Resp: 25658

Ion Ratio Lower Upper

77 100

105 89.4 71.0 111.0

106 87.1 64.9 104.9



#10

Phenol

Concen: 37.417 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

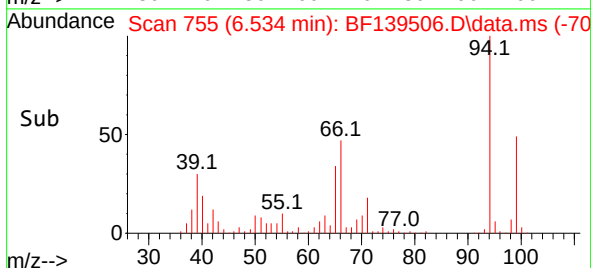
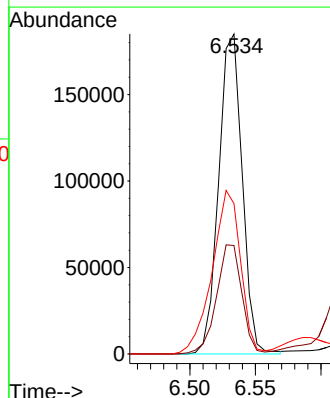
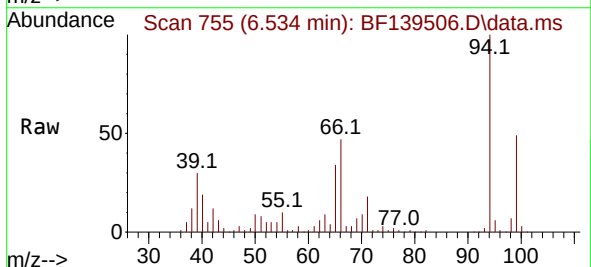
Tgt Ion: 94 Resp: 230326

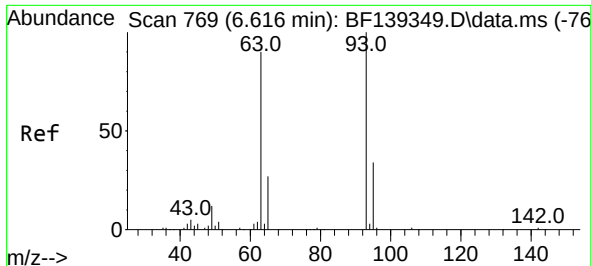
Ion Ratio Lower Upper

94 100

65 33.9 17.6 57.6

66 47.0 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 49.417 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

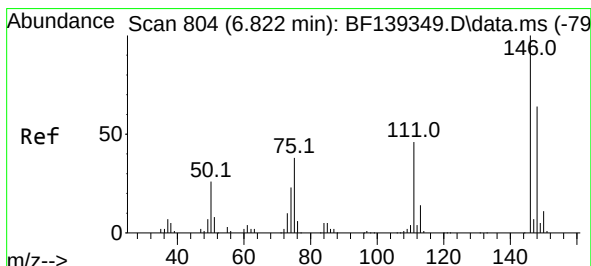
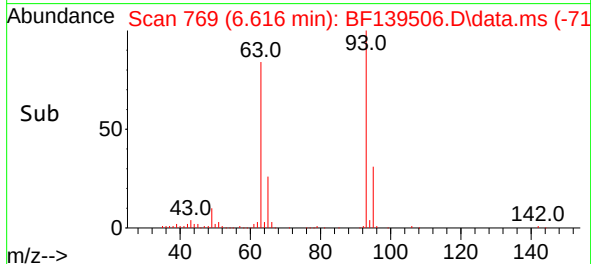
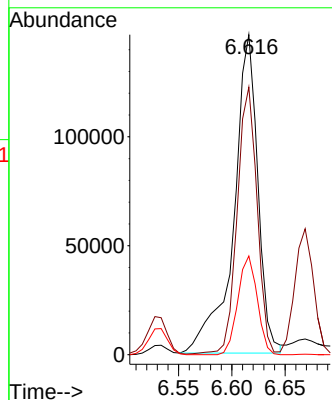
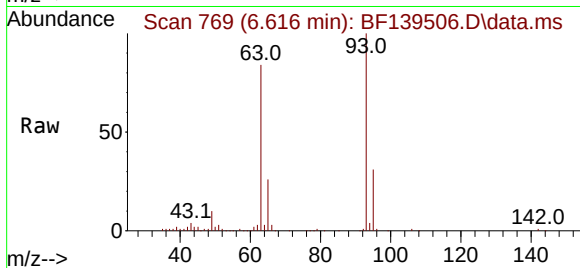
Tgt Ion: 93 Resp: 231202

Ion Ratio Lower Upper

93 100

63 83.6 65.3 105.3

95 30.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 30.332 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

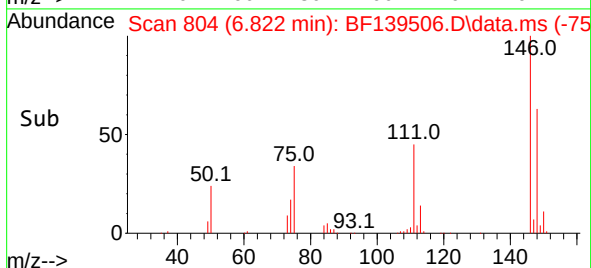
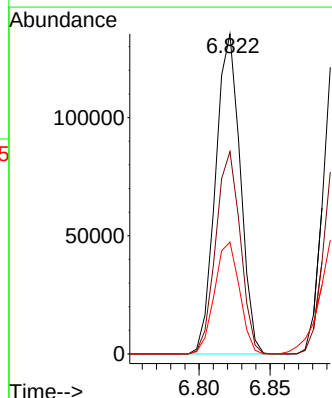
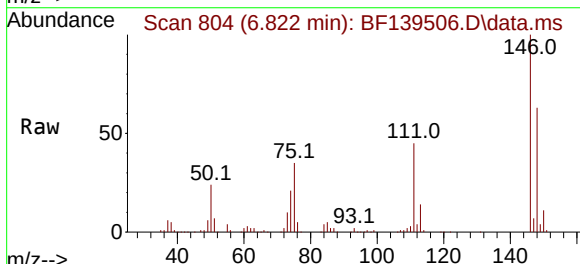
Tgt Ion:146 Resp: 163506

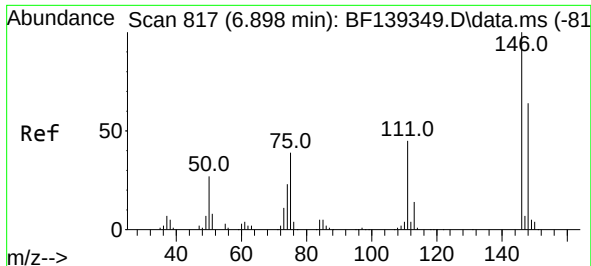
Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

75 35.0 30.6 46.0

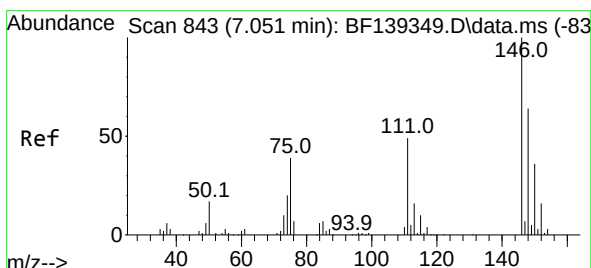
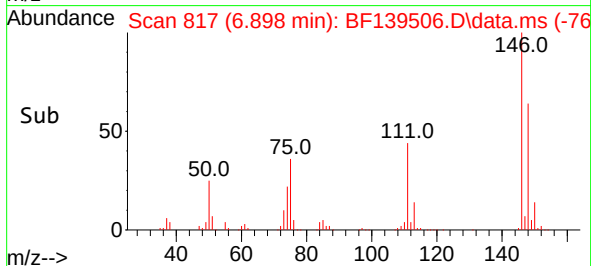
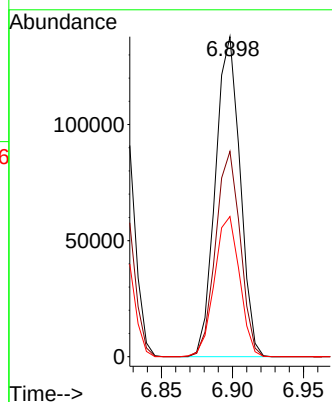
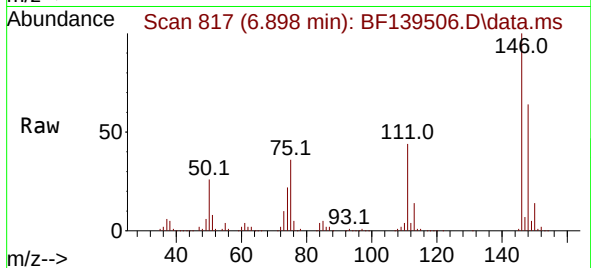




#13
1,4-Dichlorobenzene
Concen: 30.545 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

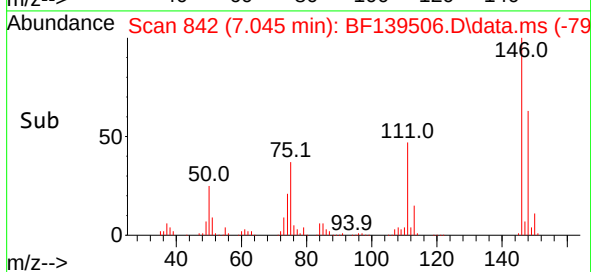
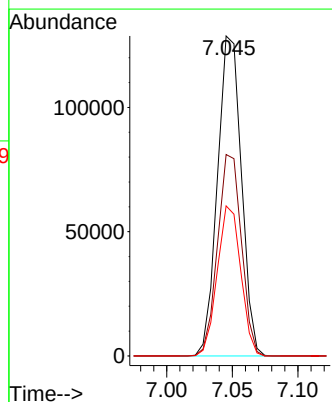
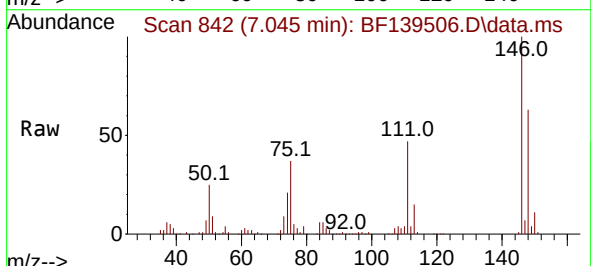
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

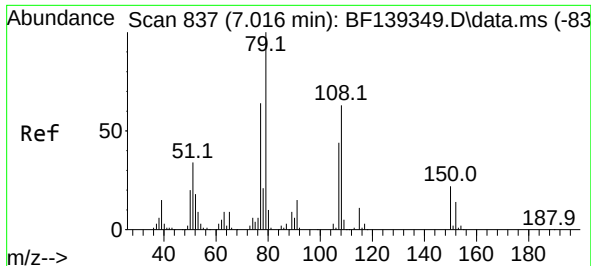
Tgt Ion:146 Resp: 166389
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 43.8 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 31.714 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:146 Resp: 163244
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 46.9 38.9 58.3

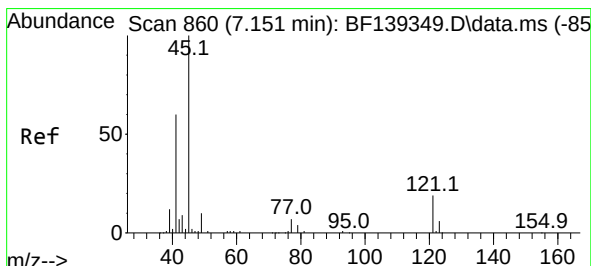
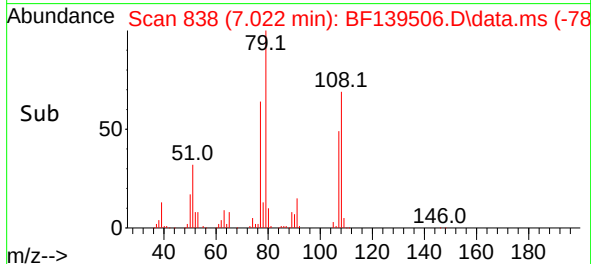
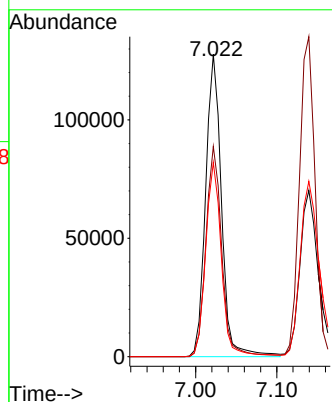
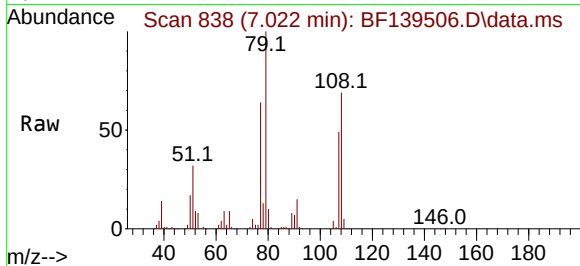




#15
Benzyl Alcohol
Concen: 35.832 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

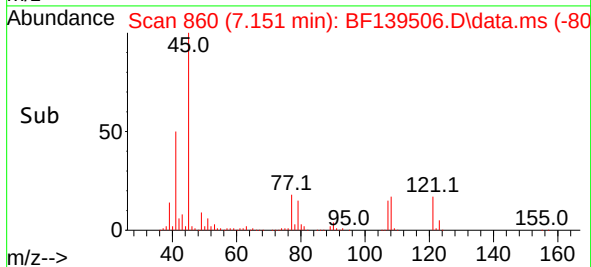
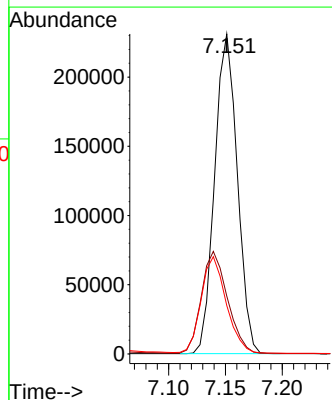
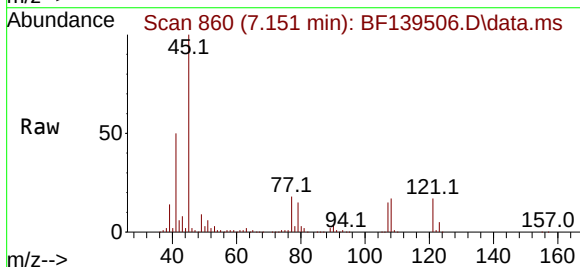
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

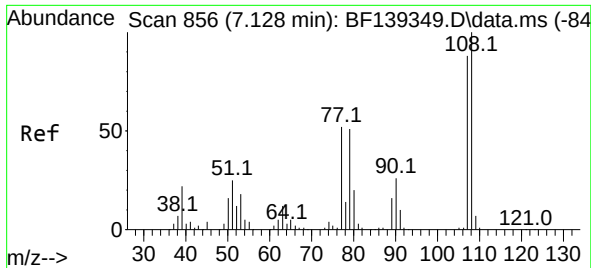
Tgt Ion: 79 Resp: 172782
Ion Ratio Lower Upper
79 100
108 69.5 50.4 75.6
77 64.2 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.368 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion: 45 Resp: 319914
Ion Ratio Lower Upper
45 100
77 18.1 0.0 32.0
79 15.1 0.0 29.1

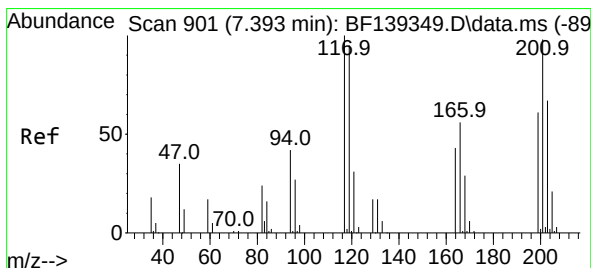
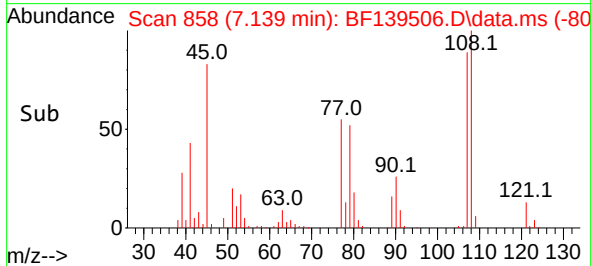
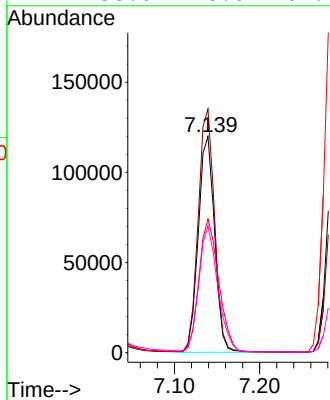
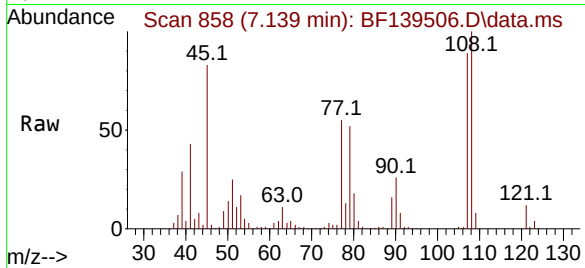




#17
2-Methylphenol
Concen: 42.274 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

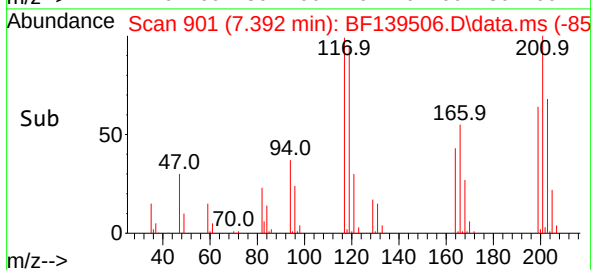
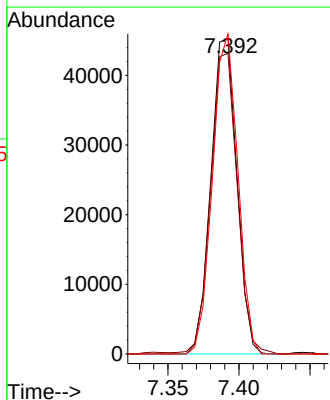
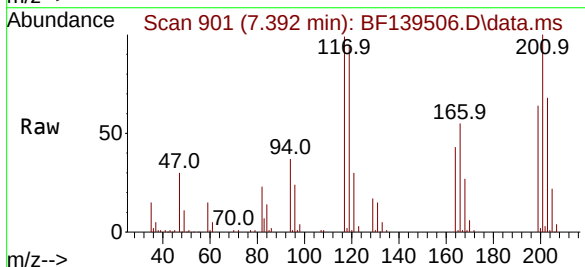
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

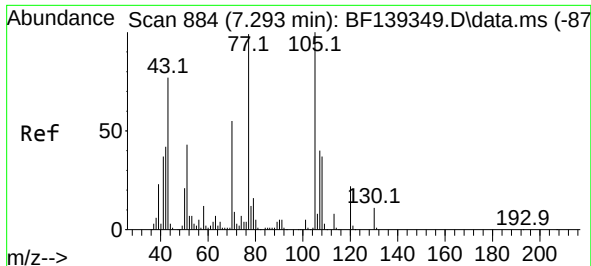
Tgt Ion:107 Resp: 159202
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 61.8 47.1 70.7
79 58.6 46.6 69.8



#18
Hexachloroethane
Concen: 27.803 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:117 Resp: 57688
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 101.4 78.6 118.0

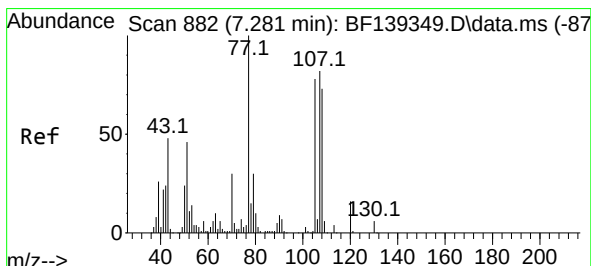
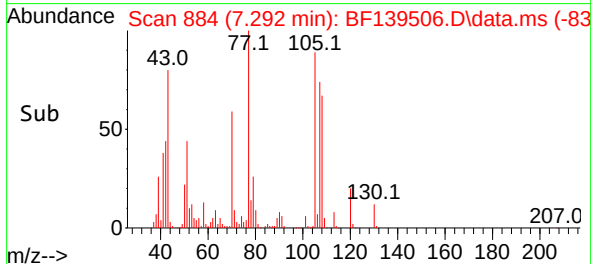
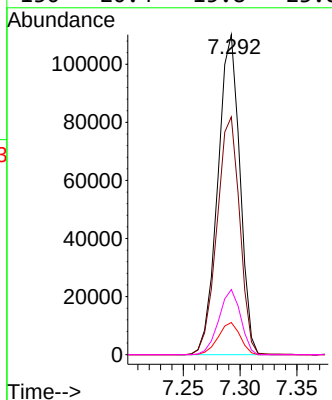
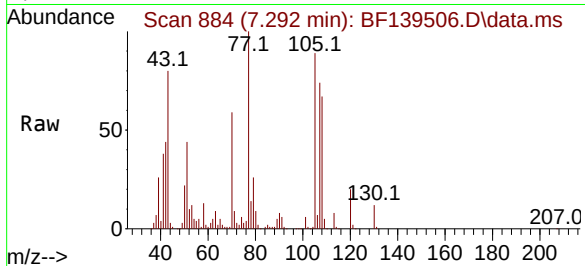




#19
n-Nitroso-di-n-propylamine
Concen: 41.628 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

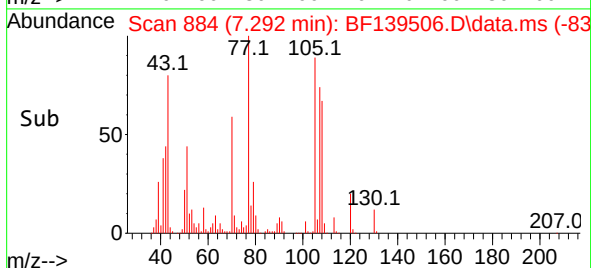
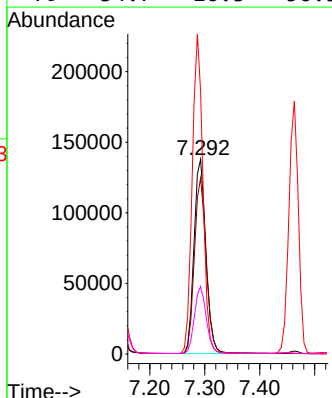
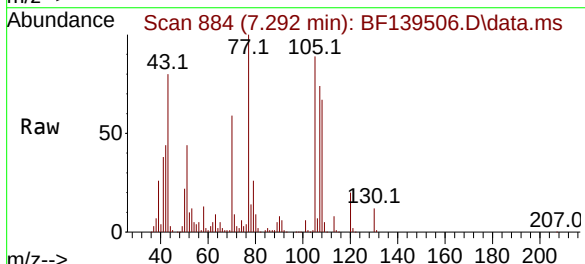
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

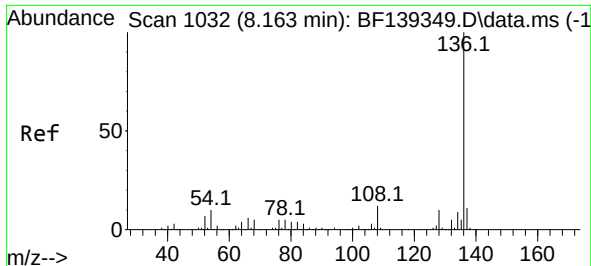
Tgt Ion:	70	Resp:	149092
Ion	Ratio	Lower	Upper
70	100		
42	74.3	61.2	91.8
101	10.1	7.5	11.3
130	20.4	15.8	23.8



#20
3+4-Methylphenols
Concen: 40.534 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:	107	Resp:	208259
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.6	108.6
77	135.1	101.6	141.6
79	34.7	16.3	56.3

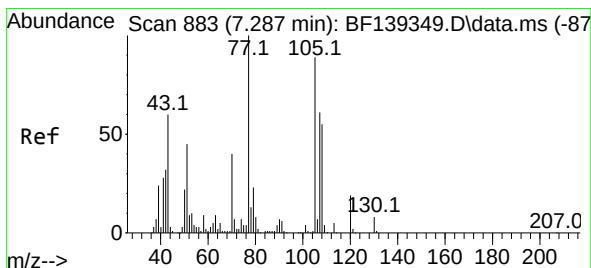
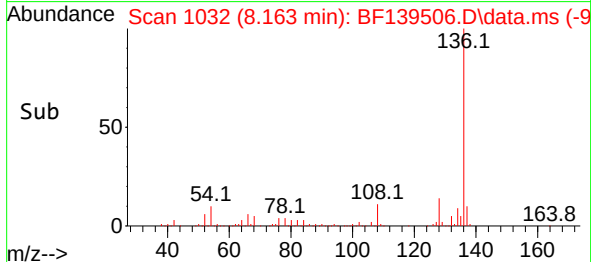
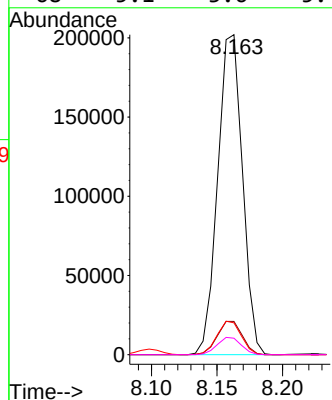
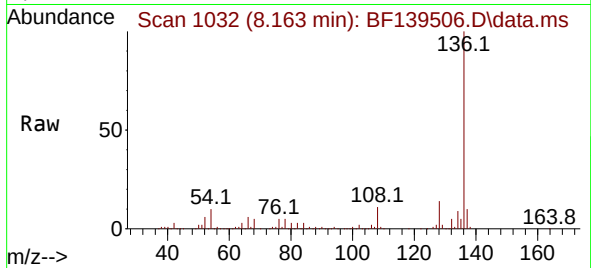




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

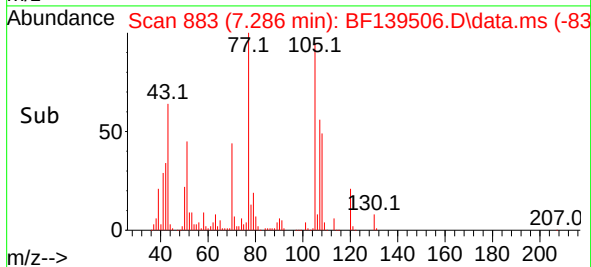
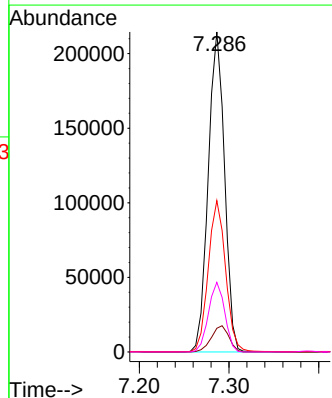
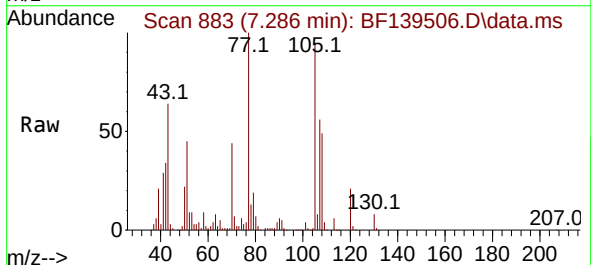
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

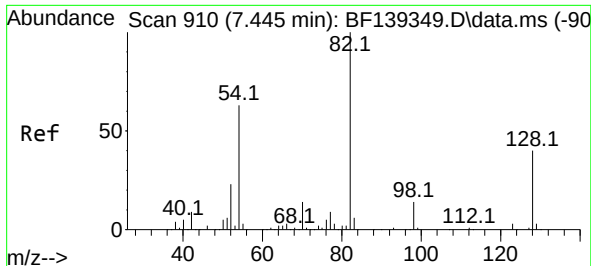
Tgt	Ion:136	Resp:	265096
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	10.0	7.8	11.8
68	5.1	3.6	5.4



#22
Acetophenone
Concen: 39.086 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt	Ion:105	Resp:	270879
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.9	8.9
51	47.3	40.0	60.0
120	21.8	17.1	25.7





#23

Nitrobenzene-d5

Concen: 85.506 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

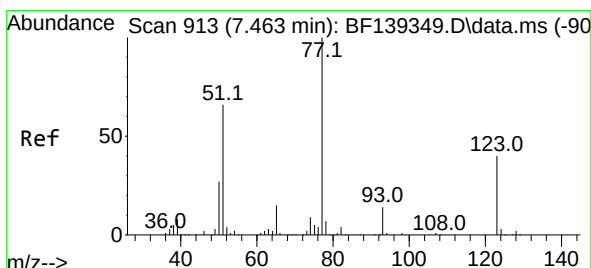
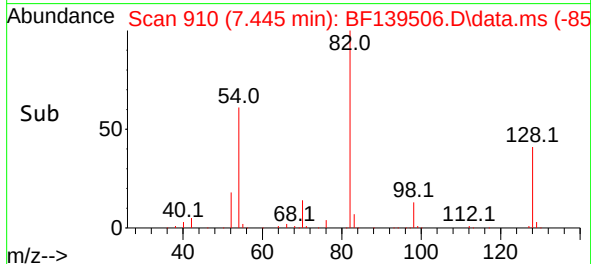
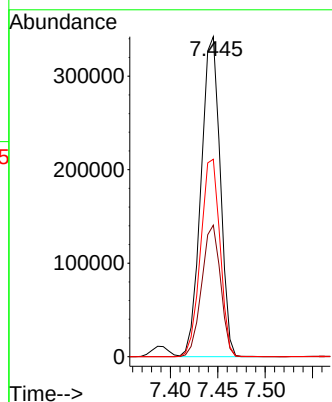
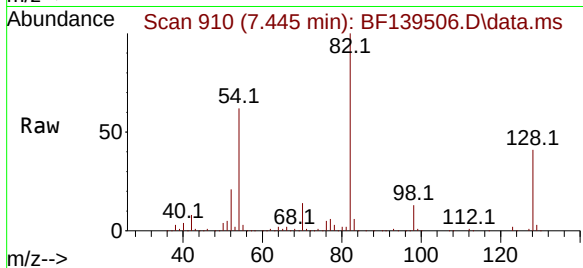
Tgt Ion: 82 Resp: 482164

Ion Ratio Lower Upper

82 100

128 41.1 31.8 47.6

54 61.7 50.6 75.8



#24

Nitrobenzene

Concen: 37.010 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

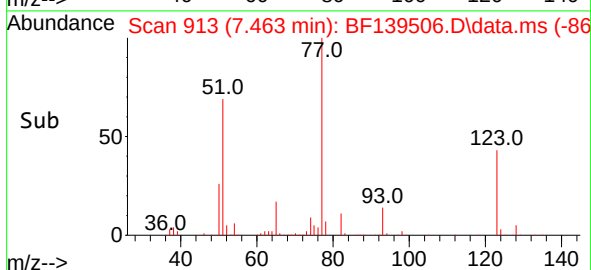
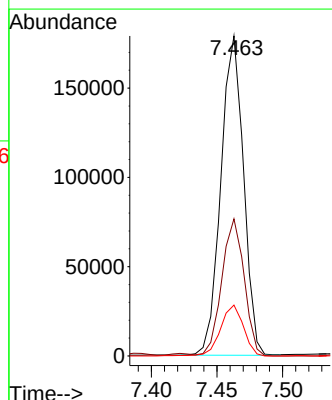
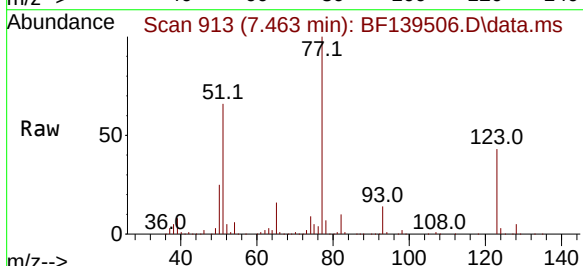
Tgt Ion: 77 Resp: 214795

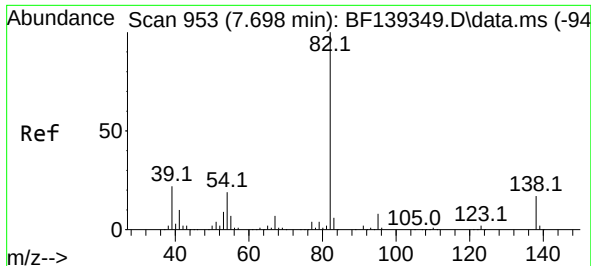
Ion Ratio Lower Upper

77 100

123 42.8 32.2 48.4

65 15.9 12.2 18.4

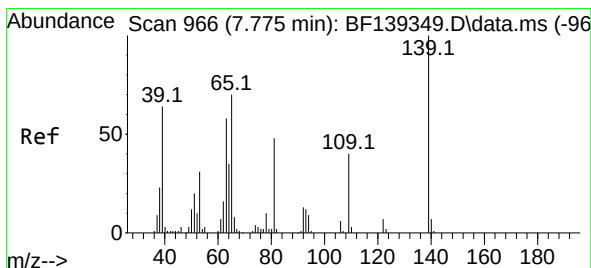
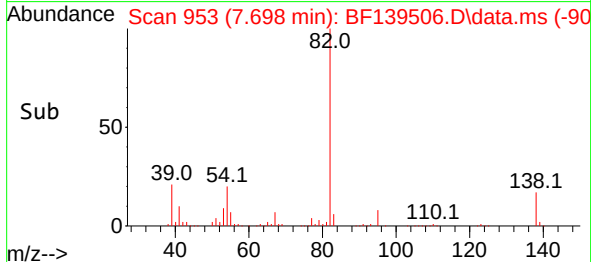
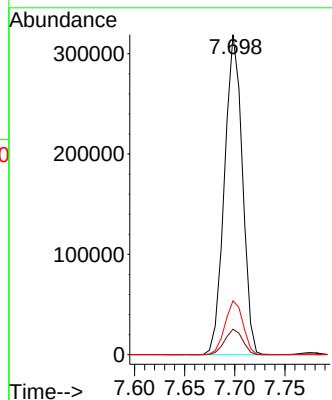
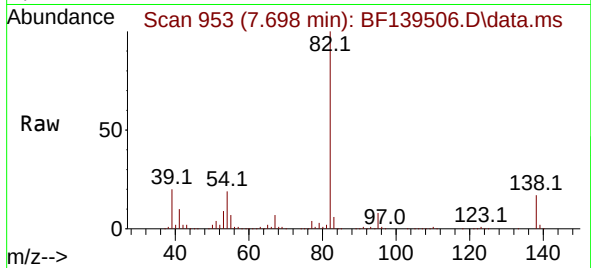




#25
Isophorone
Concen: 44.397 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

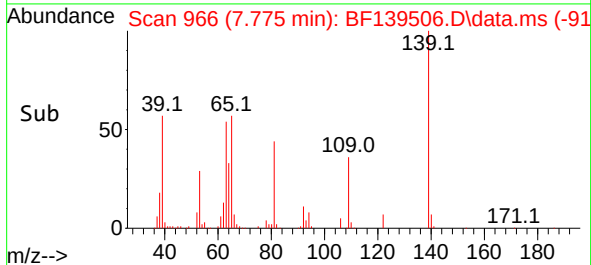
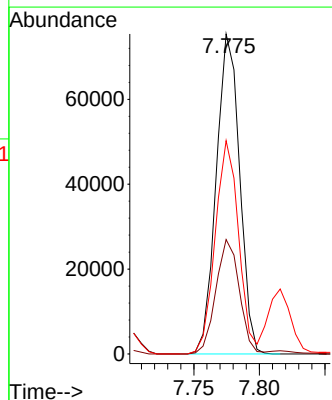
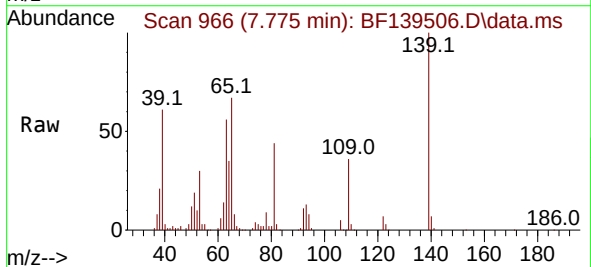
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

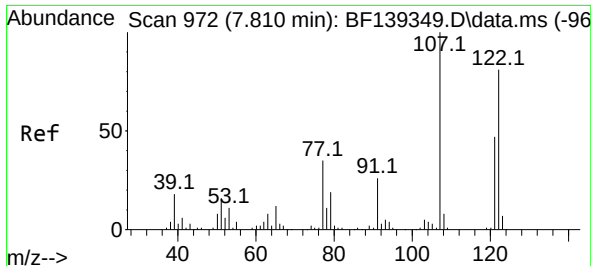
Tgt Ion: 82 Resp: 395935
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 16.9 13.3 19.9



#26
2-Nitrophenol
Concen: 41.315 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:139 Resp: 93418
Ion Ratio Lower Upper
139 100
109 35.7 32.2 48.2
65 66.7 55.8 83.8

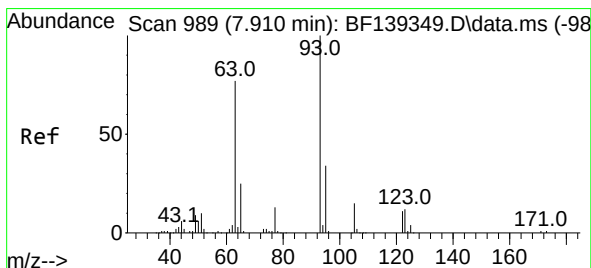
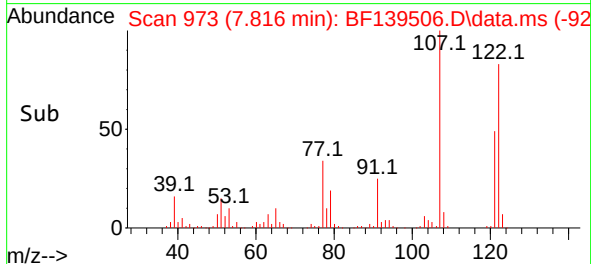
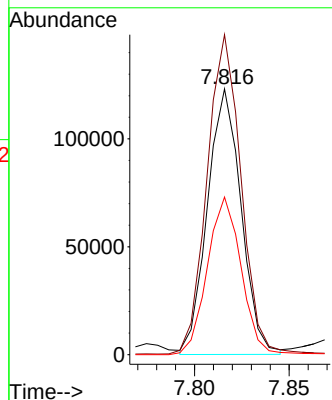
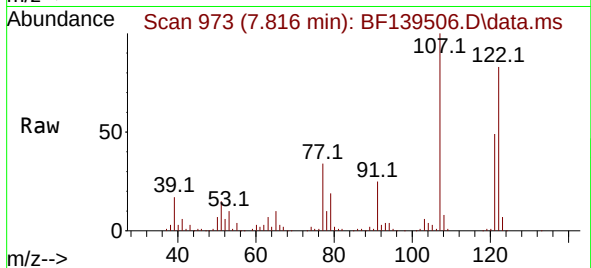




#27
2,4-Dimethylphenol
Concen: 51.041 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

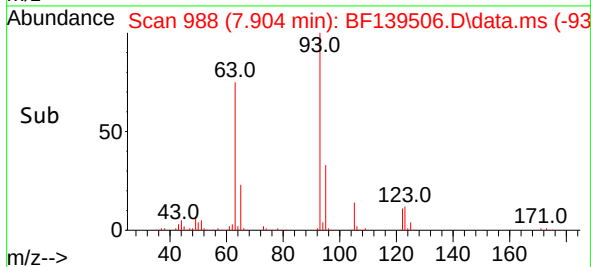
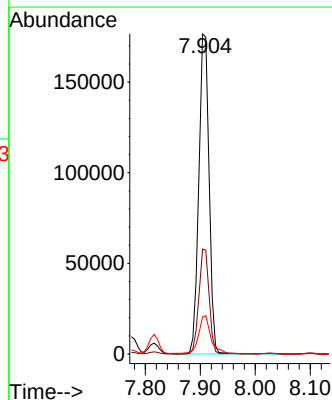
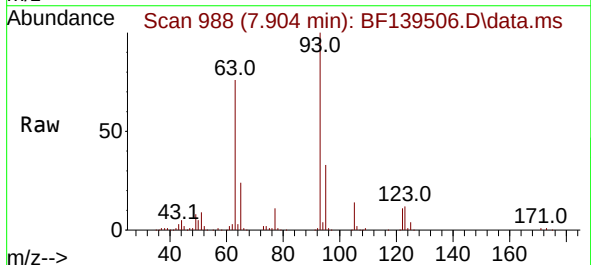
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

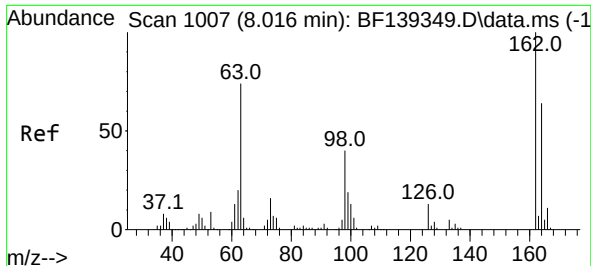
Tgt Ion:122 Resp: 152235
Ion Ratio Lower Upper
122 100
107 120.4 99.1 148.7
121 59.3 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.285 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion: 93 Resp: 230166
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.380 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

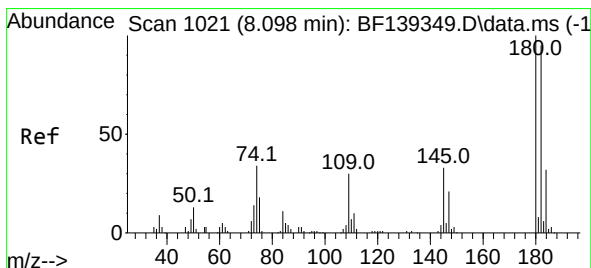
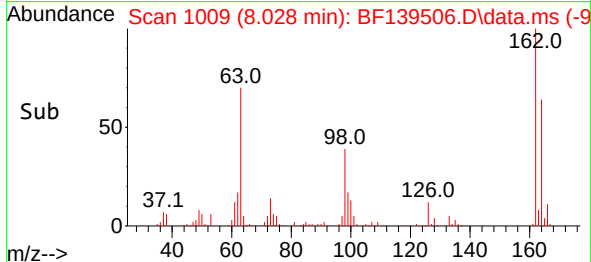
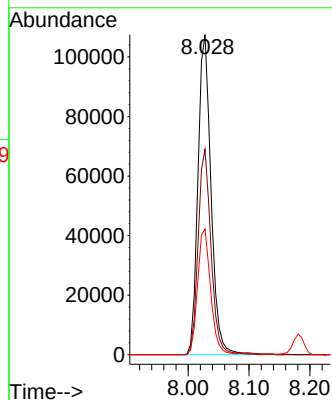
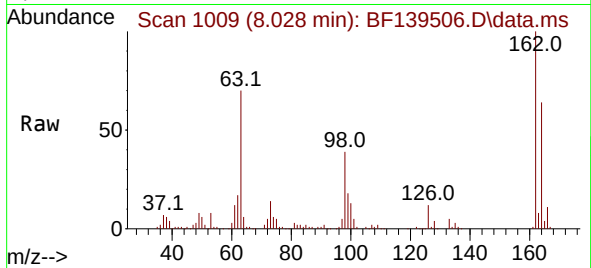
Tgt Ion:162 Resp: 160577

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

98 39.3 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 34.379 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

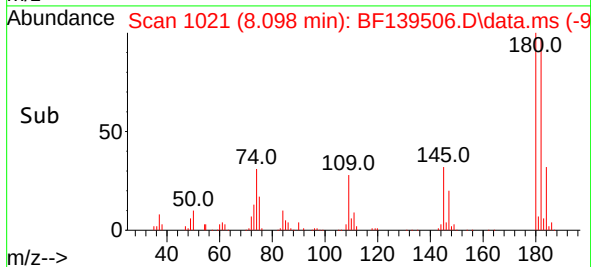
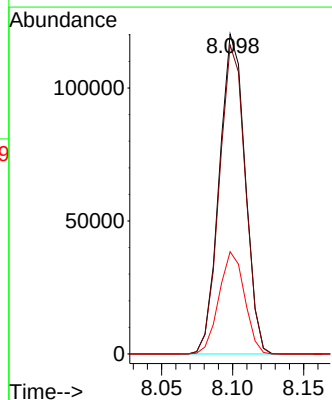
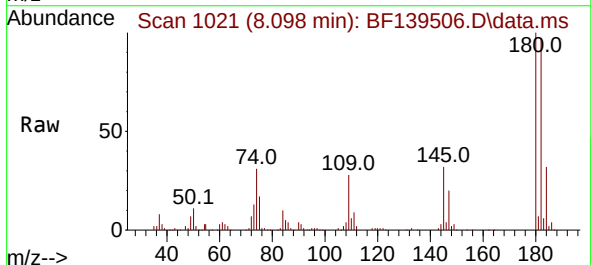
Tgt Ion:180 Resp: 151778

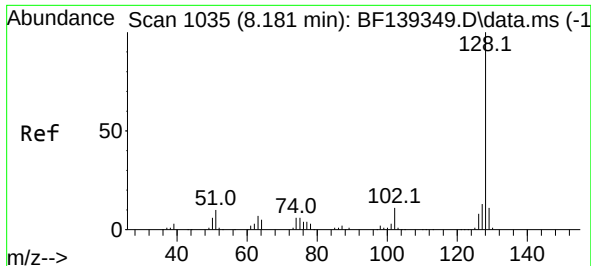
Ion Ratio Lower Upper

180 100

182 96.5 75.7 113.5

145 32.0 26.5 39.7

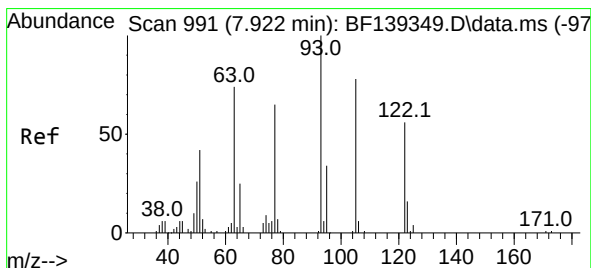
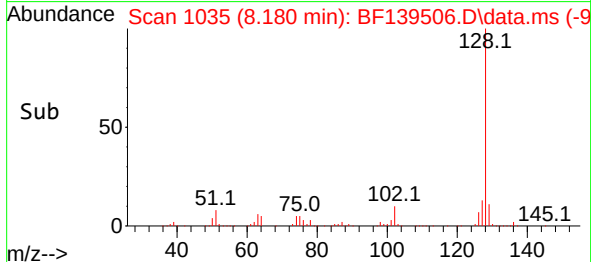
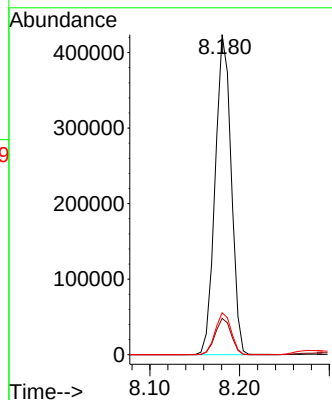
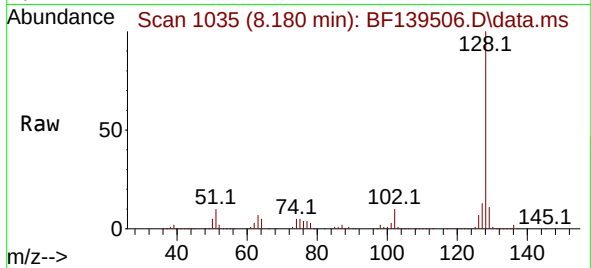




#31
Naphthalene
Concen: 38.002 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

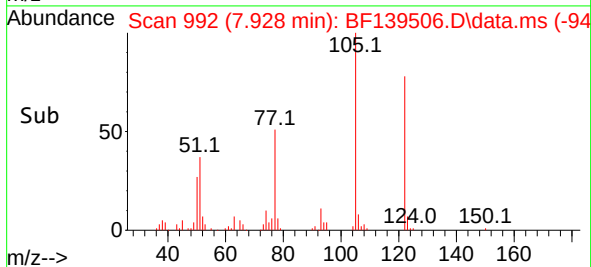
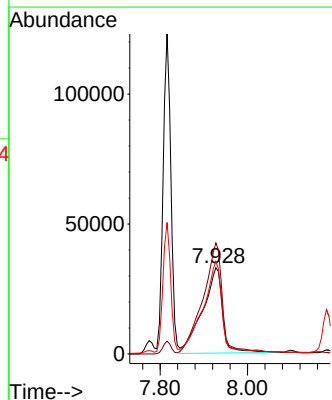
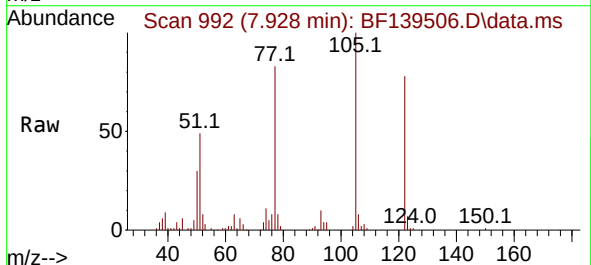
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

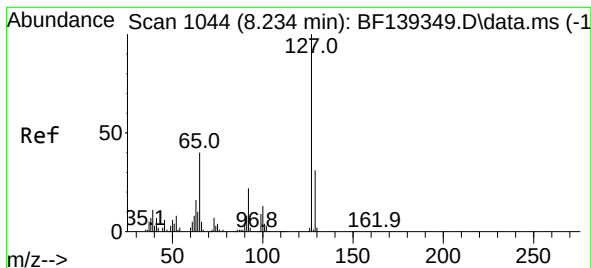
Tgt Ion:128 Resp: 525937
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 37.618 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:122 Resp: 104999
Ion Ratio Lower Upper
122 100
105 128.7 117.1 157.1
77 107.4 95.4 135.4





#33

4-Chloroaniline

Concen: 5.973 ng

RT: 8.280 min Scan# 1052

Delta R.T. 0.047 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:127 Resp: 25290

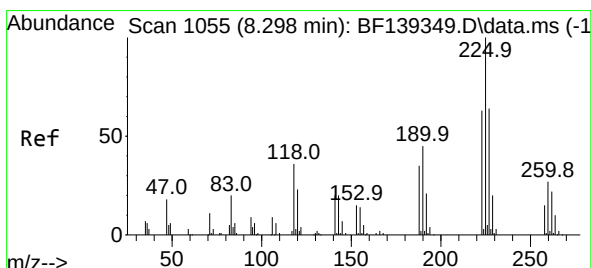
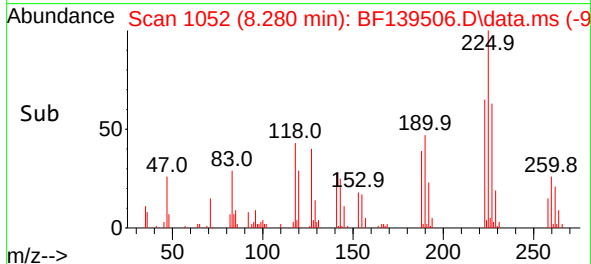
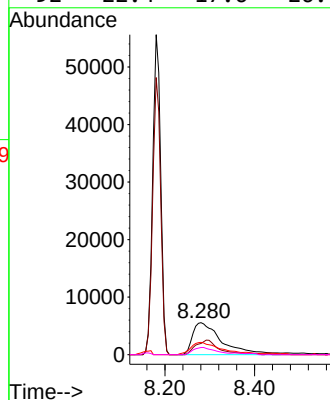
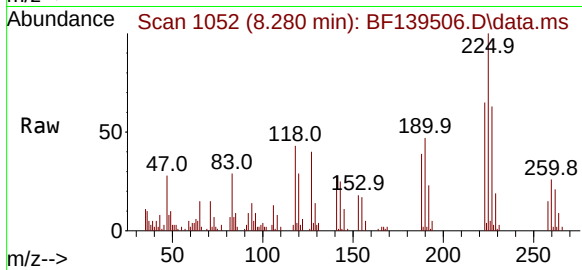
Ion Ratio Lower Upper

127 100

129 35.1 25.5 38.3

65 38.3 31.5 47.3

92 22.4 17.6 26.4



#34

Hexachlorobutadiene

Concen: 32.745 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

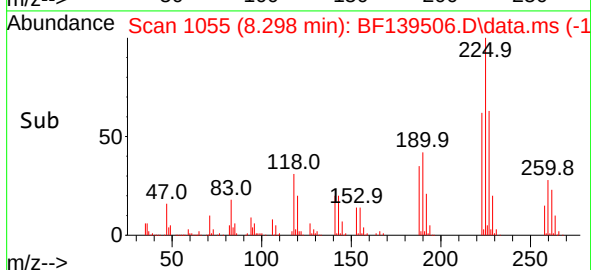
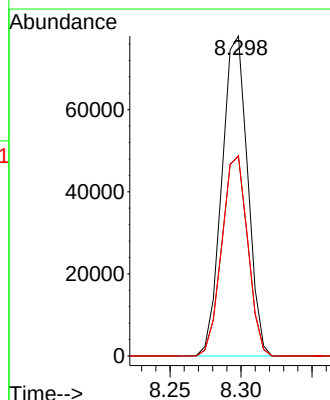
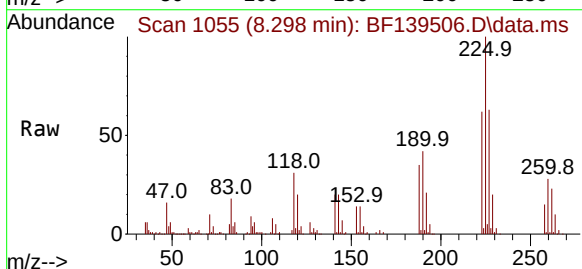
Tgt Ion:225 Resp: 98214

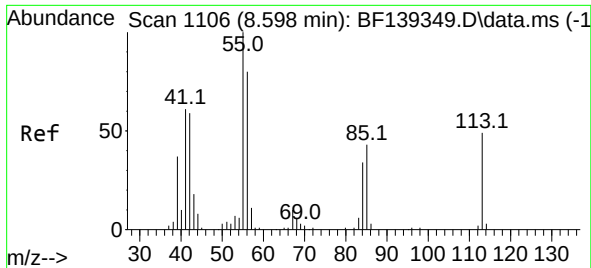
Ion Ratio Lower Upper

225 100

223 62.4 50.1 75.1

227 62.7 51.0 76.6

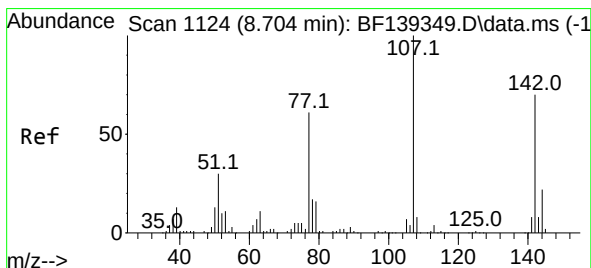
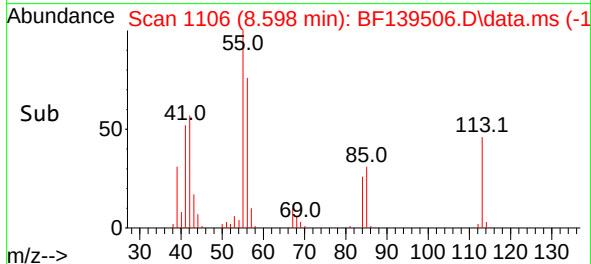
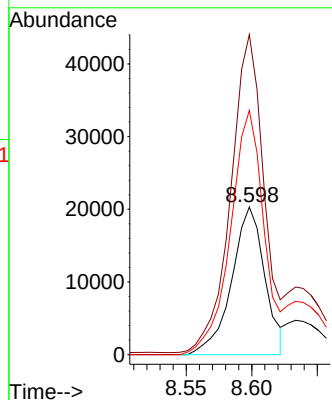
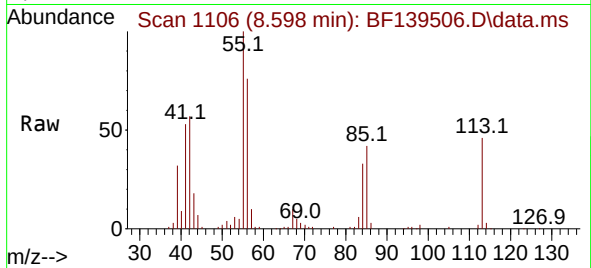




#35
 Caprolactam
 Concen: 30.610 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139506.D
 Acq: 20 Sep 2024 17:23

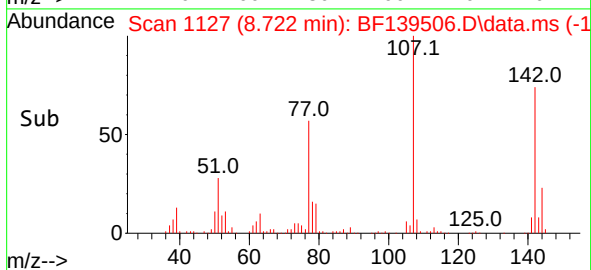
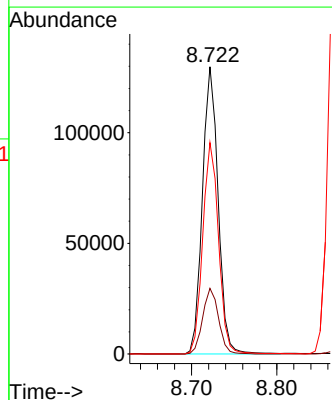
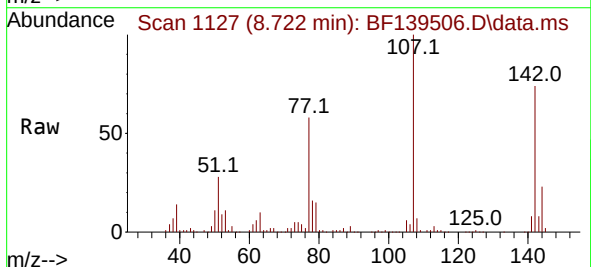
Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMS

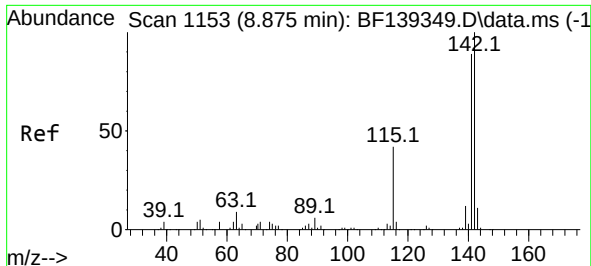
Tgt Ion:113 Resp: 35678
 Ion Ratio Lower Upper
 113 100
 55 216.7 186.1 226.1
 56 165.3 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 38.453 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.017 min
 Lab File: BF139506.D
 Acq: 20 Sep 2024 17:23

Tgt Ion:107 Resp: 166514
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.5 26.3
 142 73.6 55.8 83.8





#37

2-Methylnaphthalene

Concen: 38.410 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

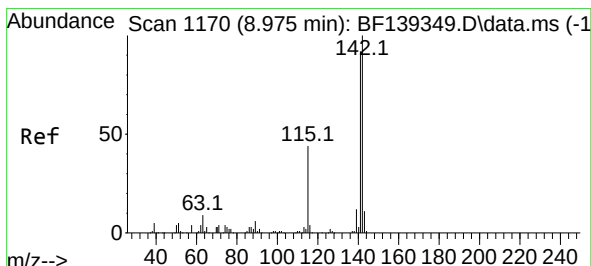
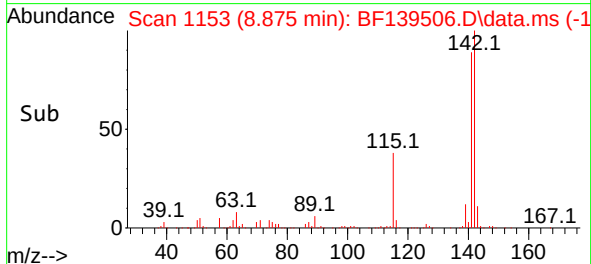
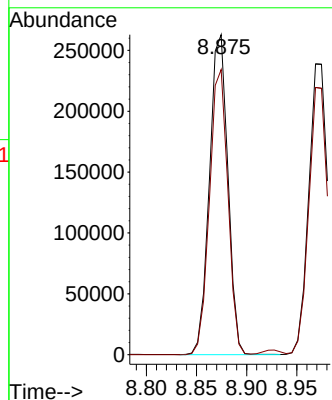
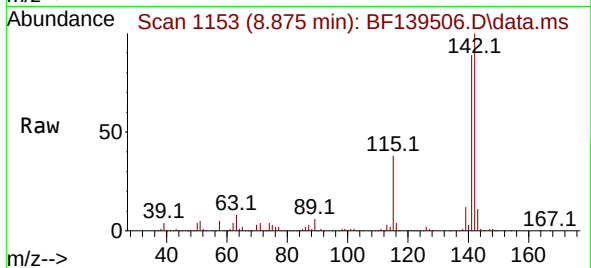
WC-22AMS

Tgt Ion:142 Resp: 337410

Ion Ratio Lower Upper

142 100

141 89.1 71.6 107.4



#38

1-Methylnaphthalene

Concen: 36.312 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139506.D

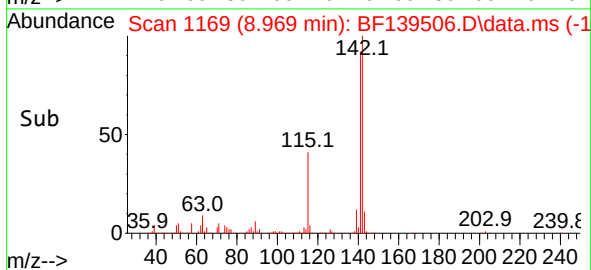
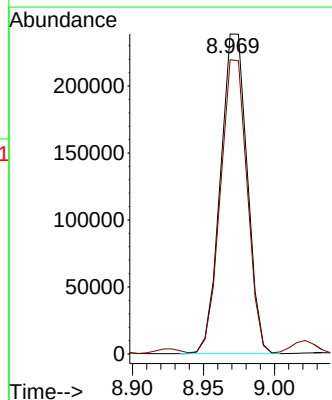
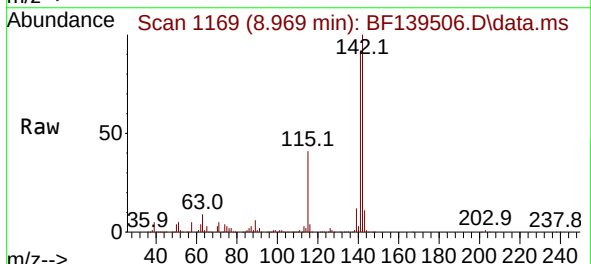
Acq: 20 Sep 2024 17:23

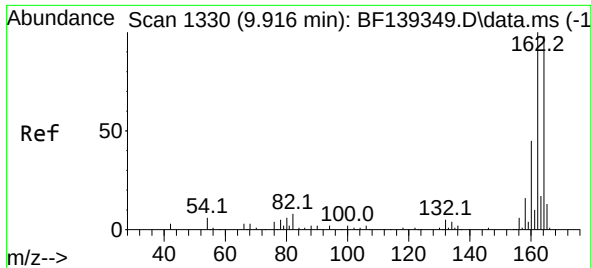
Tgt Ion:142 Resp: 313160

Ion Ratio Lower Upper

142 100

141 91.9 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

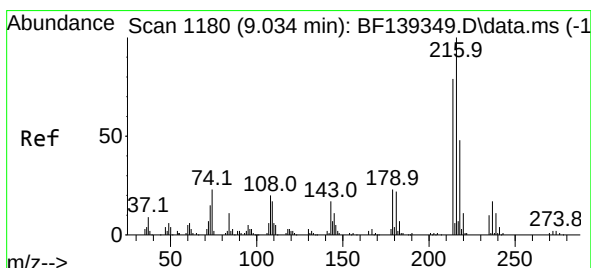
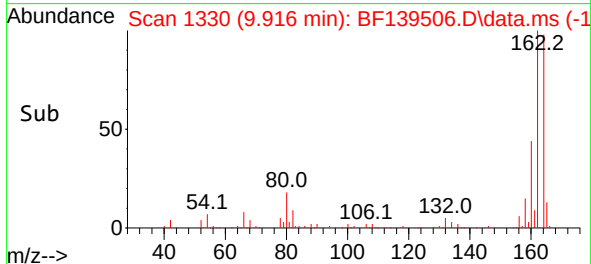
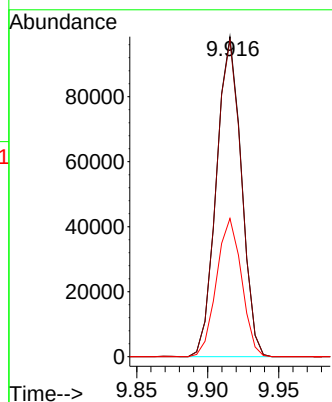
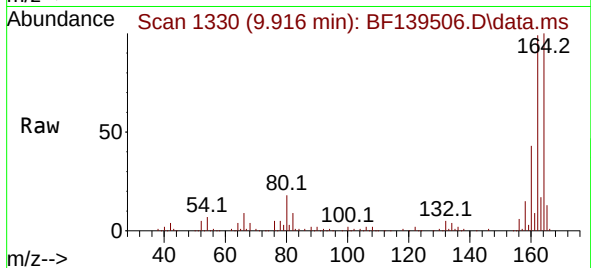
Tgt Ion:164 Resp: 120212

Ion Ratio Lower Upper

164 100

162 98.9 81.3 121.9

160 43.2 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.626 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:216 Resp: 158988

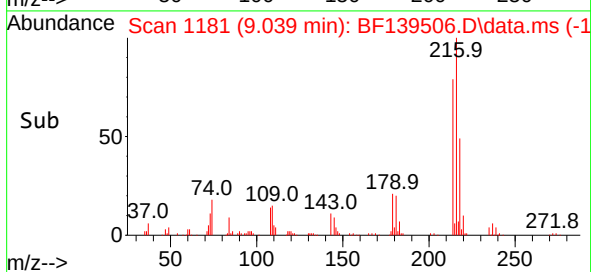
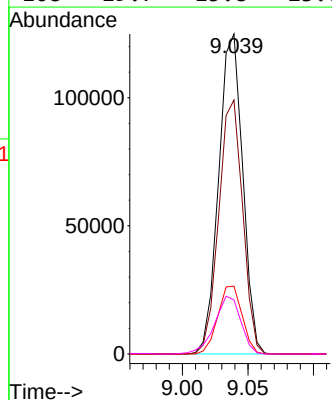
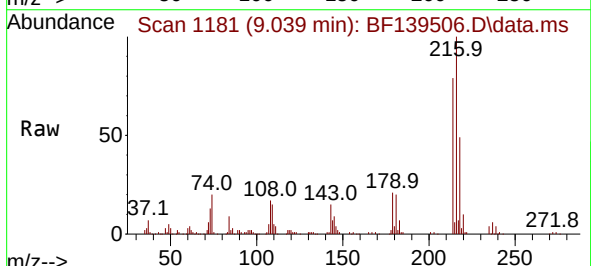
Ion Ratio Lower Upper

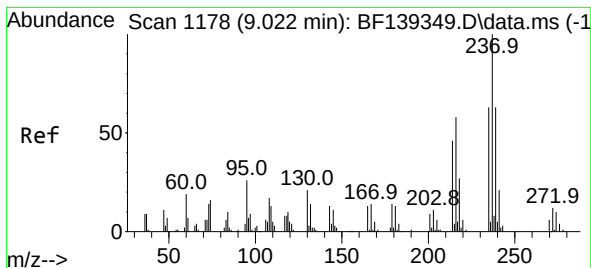
216 100

214 78.8 63.4 95.0

179 21.5 18.2 27.2

108 19.7 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 79.974 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

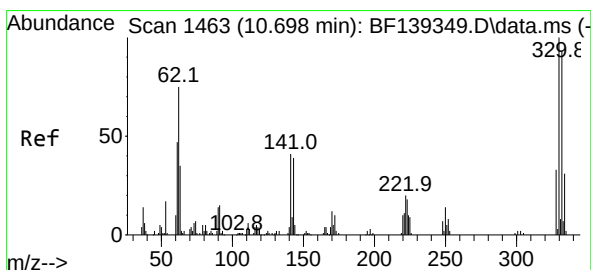
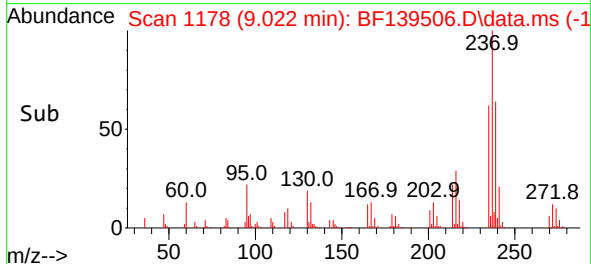
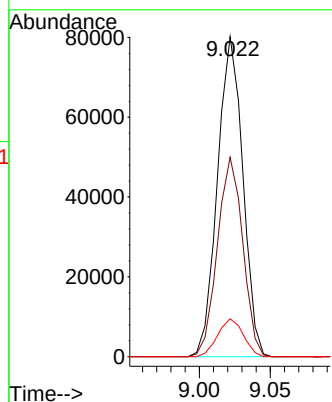
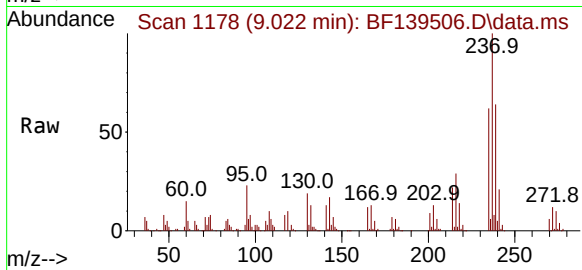
Tgt Ion:237 Resp: 99484

Ion Ratio Lower Upper

237 100

235 62.3 42.7 82.7

272 11.9 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 115.193 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

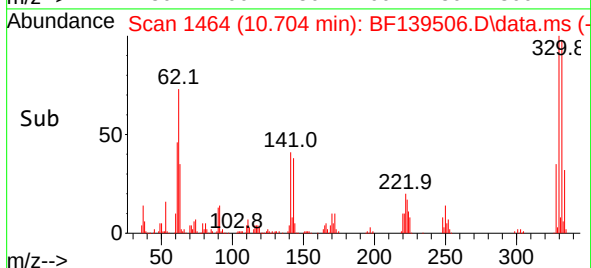
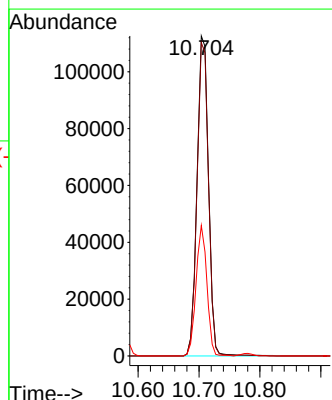
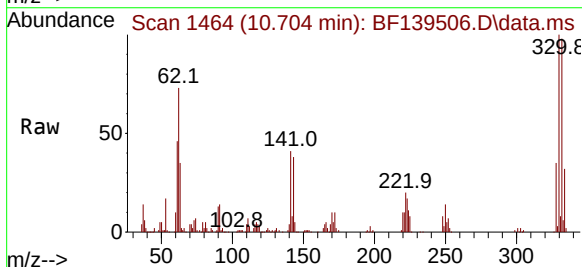
Tgt Ion:330 Resp: 147424

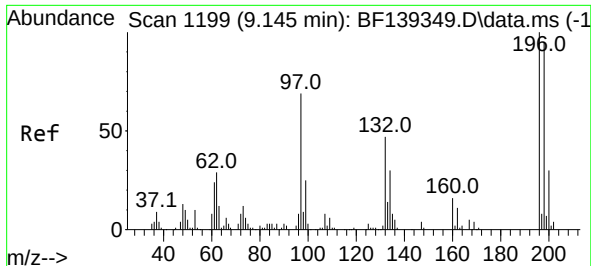
Ion Ratio Lower Upper

330 100

332 97.4 75.2 112.8

141 38.6 31.2 46.8

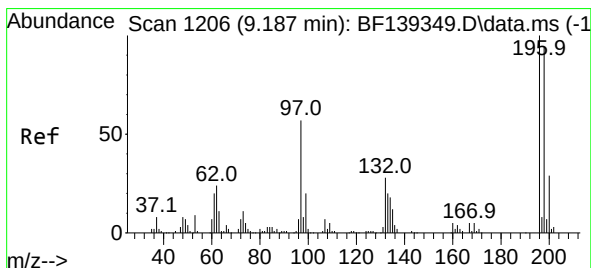
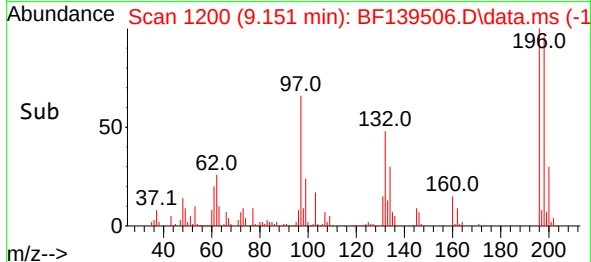
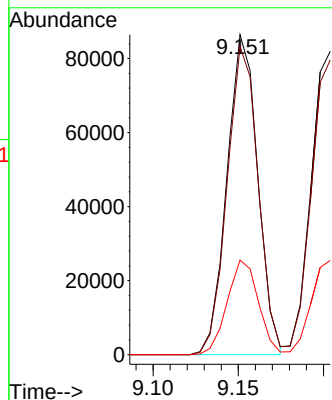
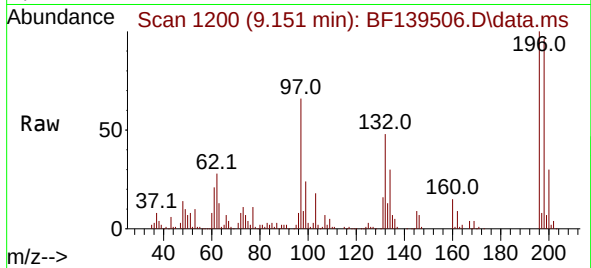




#43
2,4,6-Trichlorophenol
Concen: 46.922 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

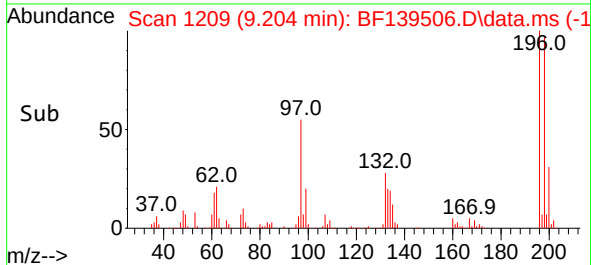
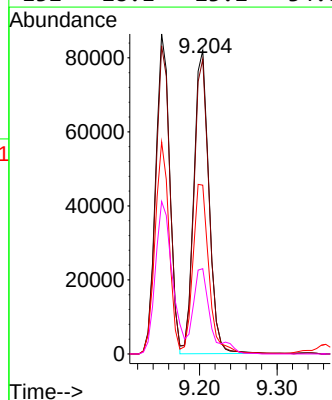
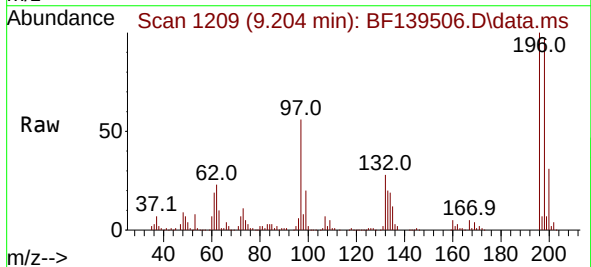
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

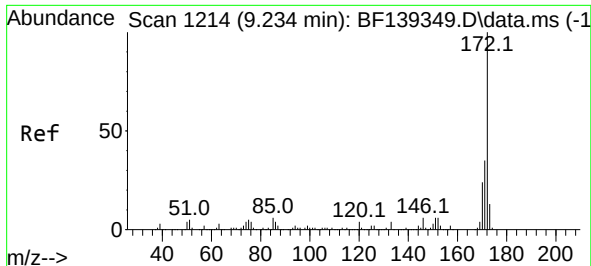
Tgt Ion:196 Resp: 108760
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
200 29.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 45.276 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:196 Resp: 110699
Ion Ratio Lower Upper
196 100
198 97.1 74.8 112.2
97 55.6 47.3 70.9
132 28.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 90.380 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

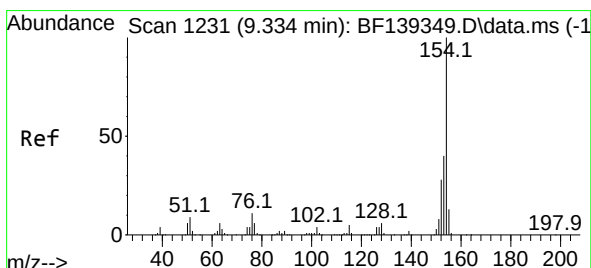
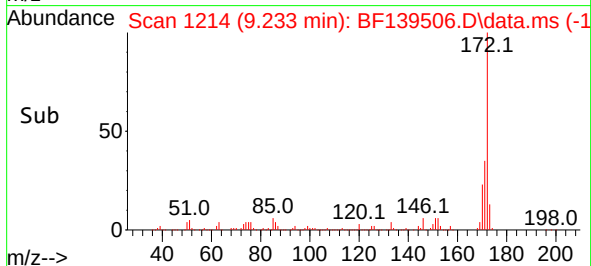
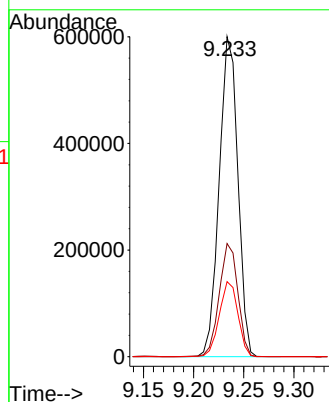
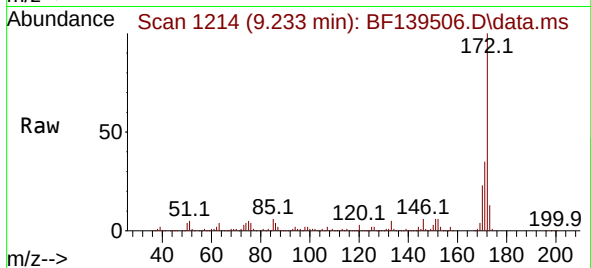
Tgt Ion:172 Resp: 774659

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.637 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

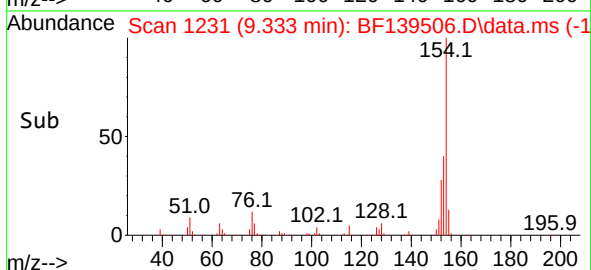
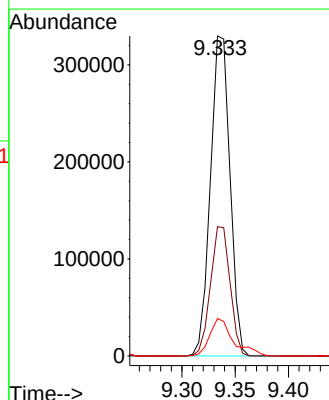
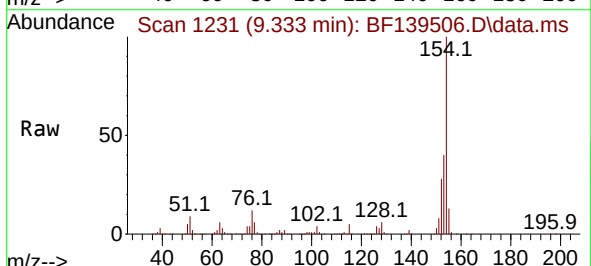
Tgt Ion:154 Resp: 422065

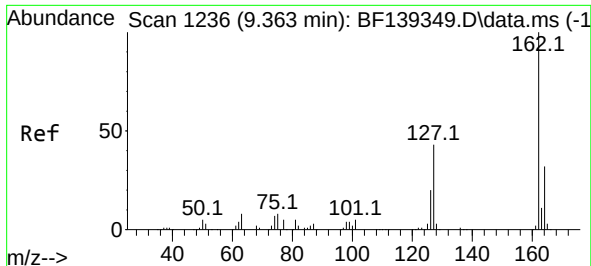
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.727 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

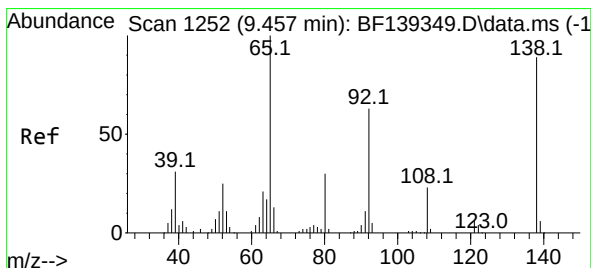
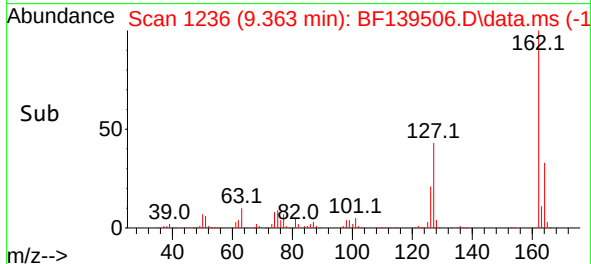
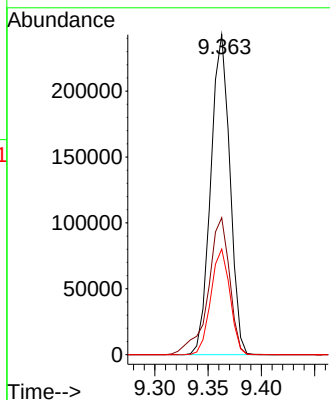
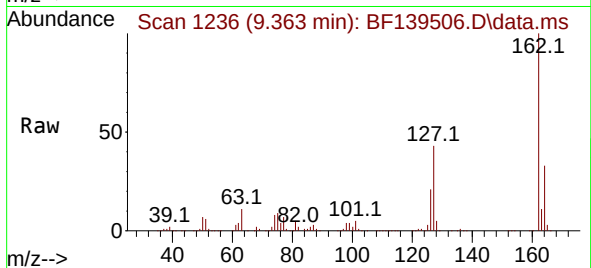
Tgt Ion:162 Resp: 302369

Ion Ratio Lower Upper

162 100

127 42.8 35.0 52.4

164 33.0 25.8 38.6



#48

2-Nitroaniline

Concen: 46.262 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

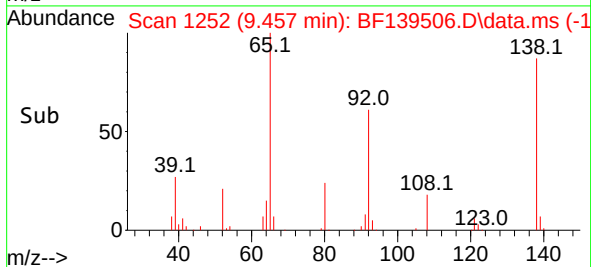
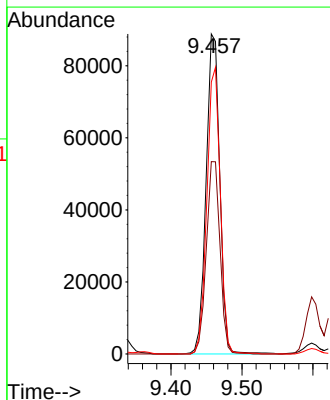
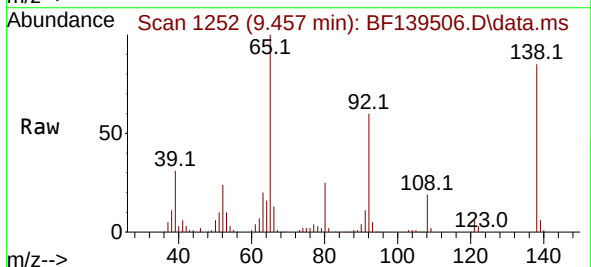
Tgt Ion: 65 Resp: 118985

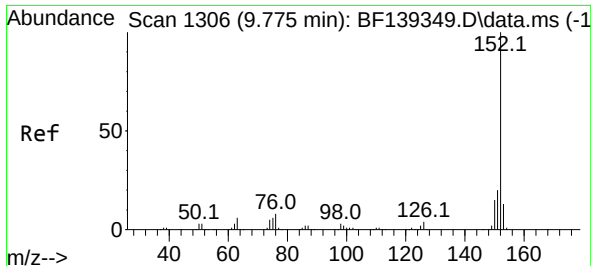
Ion Ratio Lower Upper

65 100

92 60.1 50.3 75.5

138 84.9 71.3 106.9





#49

Acenaphthylene

Concen: 47.273 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

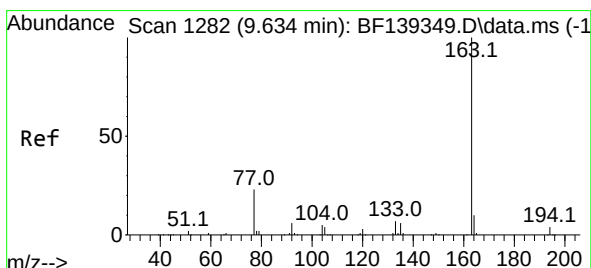
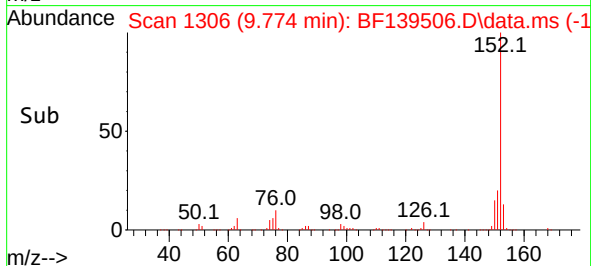
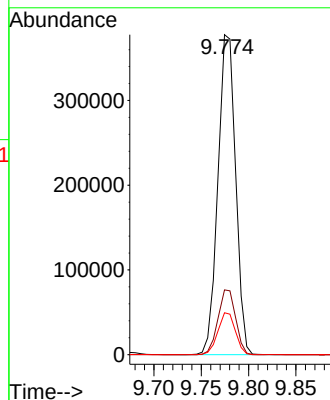
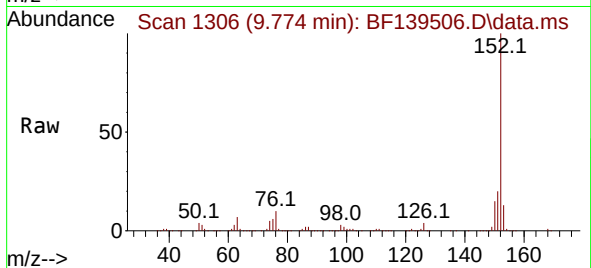
Tgt Ion:152 Resp: 492058

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 49.123 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

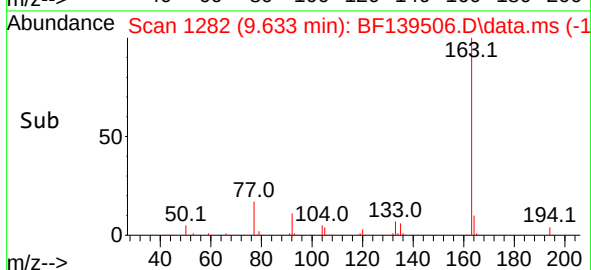
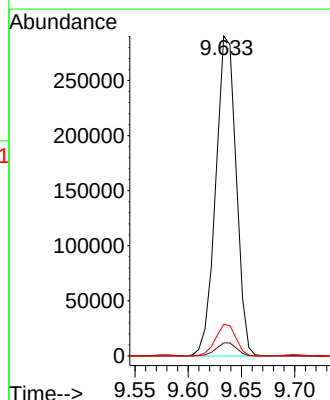
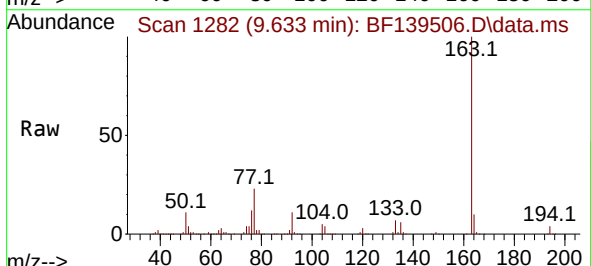
Tgt Ion:163 Resp: 387582

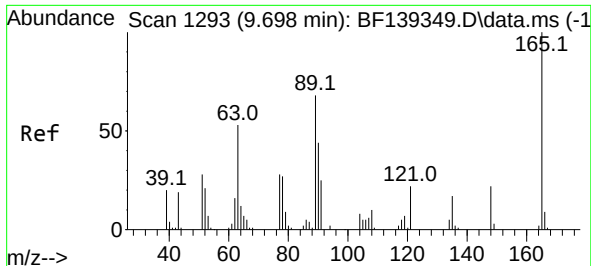
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.2 12.2

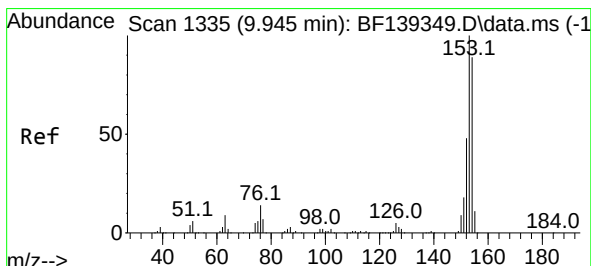
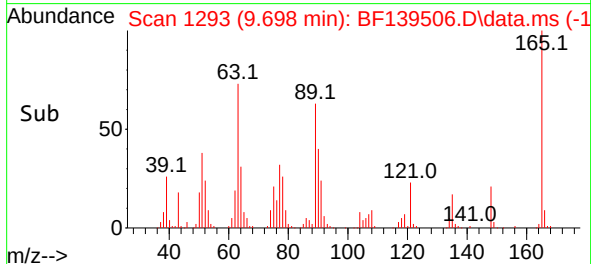
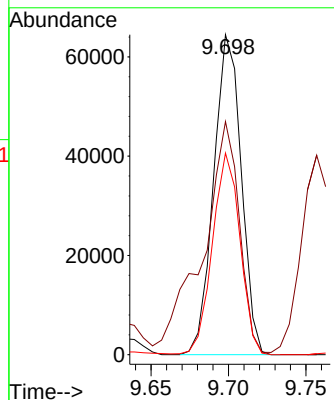
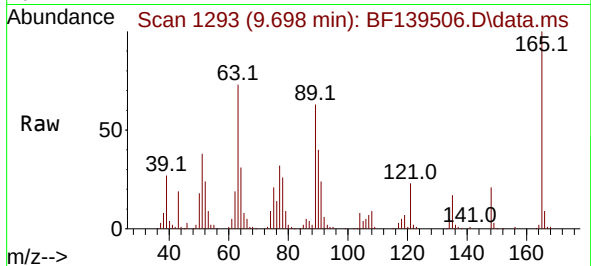




#51
2,6-Dinitrotoluene
Concen: 45.649 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

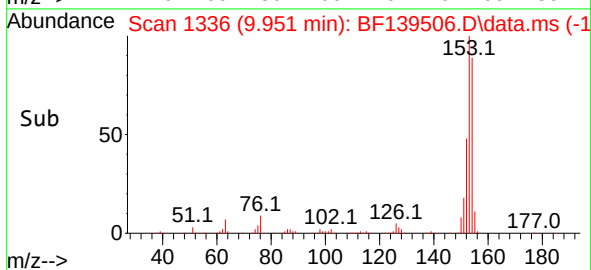
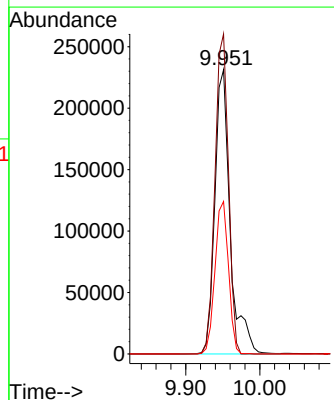
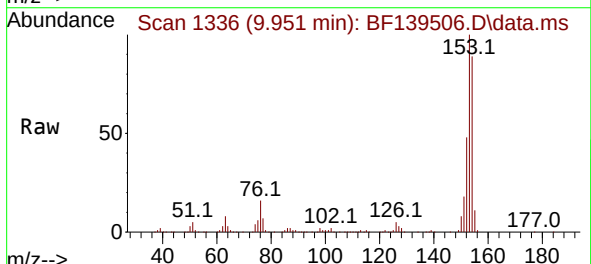
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

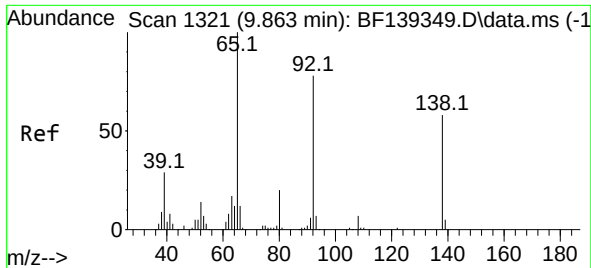
Tgt Ion:165 Resp: 79789
Ion Ratio Lower Upper
165 100
63 72.9 60.9 91.3
89 63.0 54.7 82.1



#52
Acenaphthene
Concen: 45.720 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:154 Resp: 332144
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.7 42.6 64.0

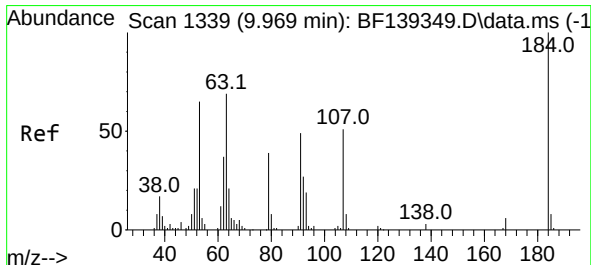
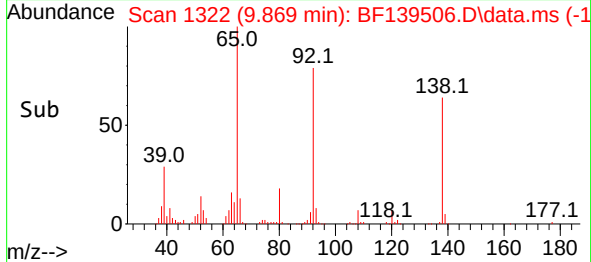
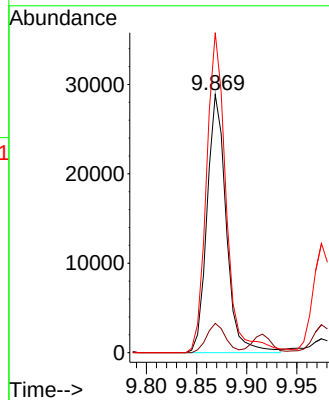
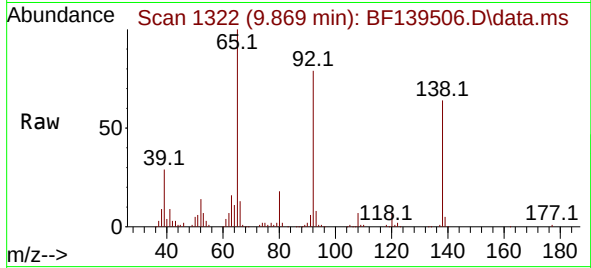




#53
3-Nitroaniline
Concen: 22.037 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

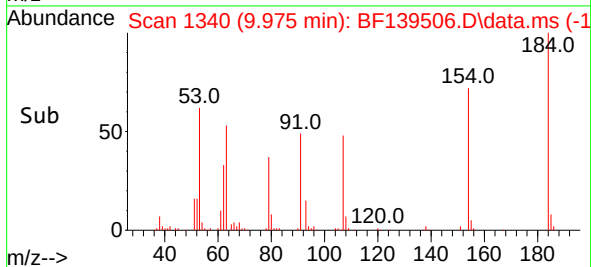
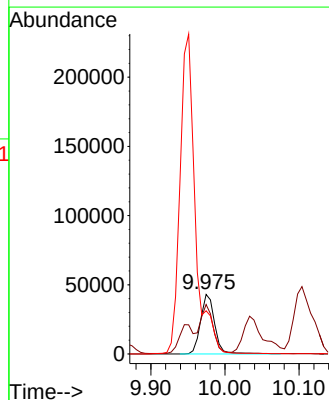
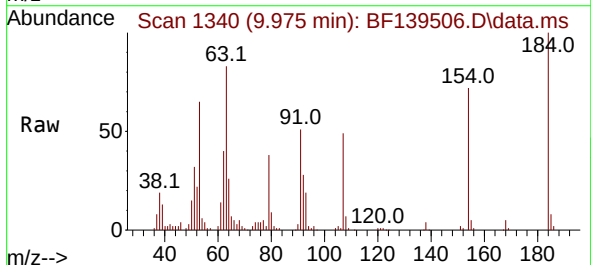
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

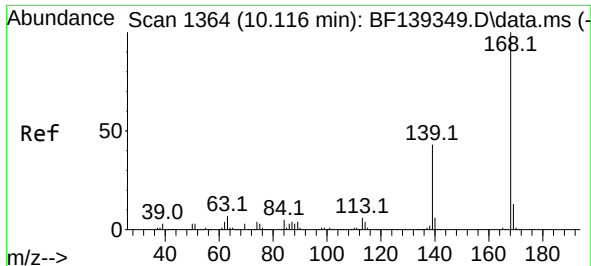
Tgt Ion:138 Resp: 38494
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.8
92 124.0 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 58.964 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:184 Resp: 57429
Ion Ratio Lower Upper
184 100
63 83.1 69.3 103.9
154 72.4 67.5 101.3

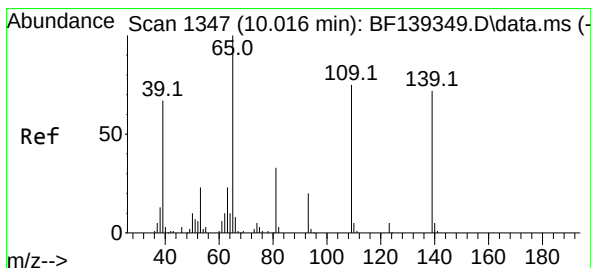
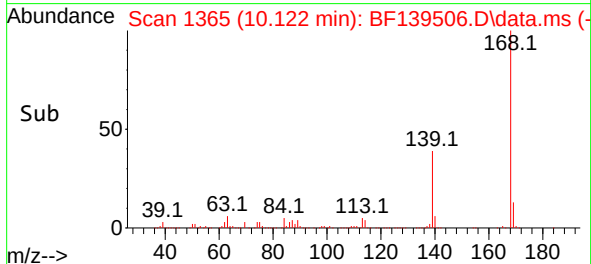
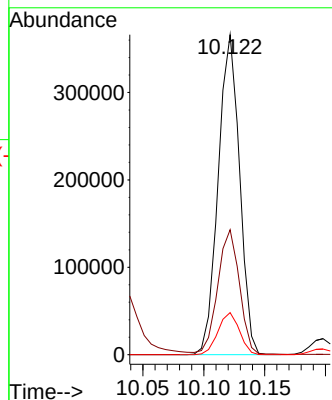
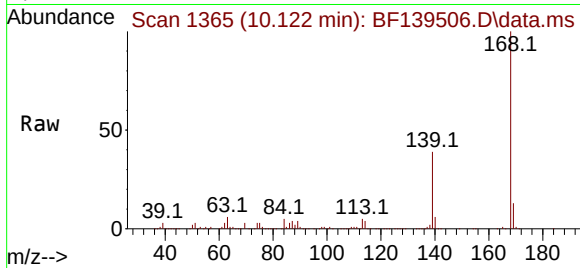




#55
Dibenzofuran
Concen: 44.192 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

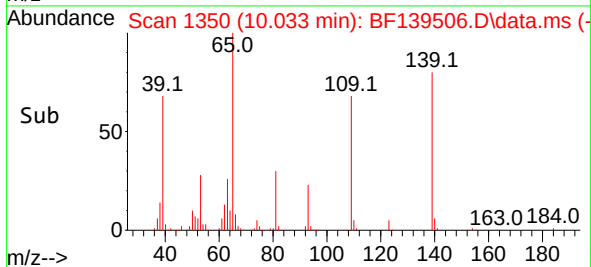
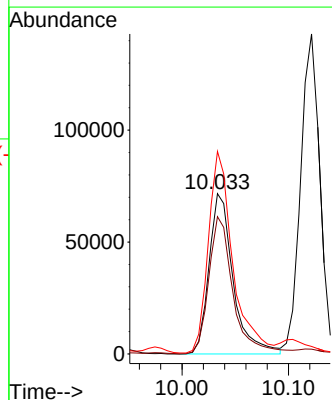
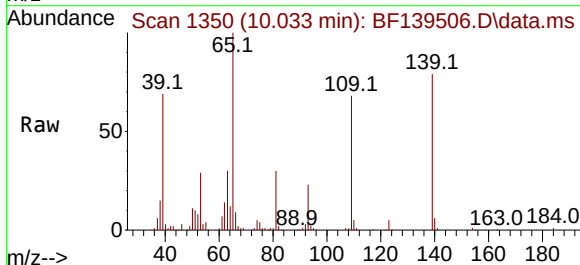
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

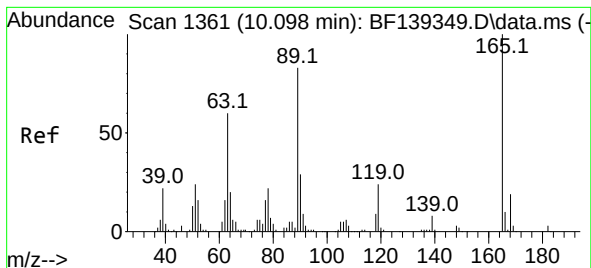
Tgt Ion:168 Resp: 447474
Ion Ratio Lower Upper
168 100
139 39.0 34.1 51.1
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 78.488 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:139 Resp: 113447
Ion Ratio Lower Upper
139 100
109 85.6 84.1 124.1
65 126.3 120.0 160.0

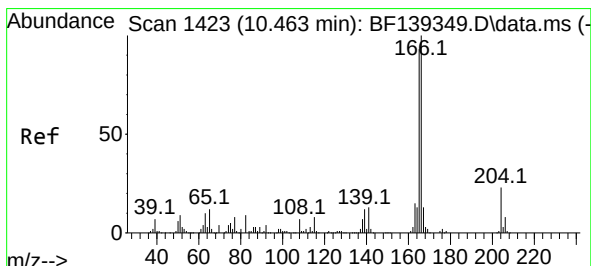
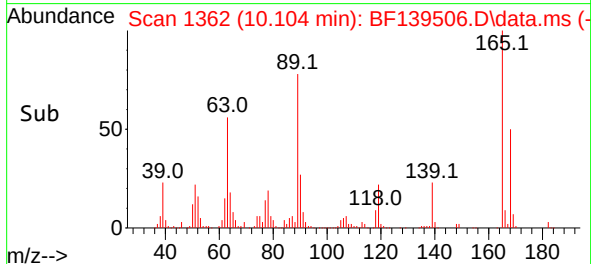
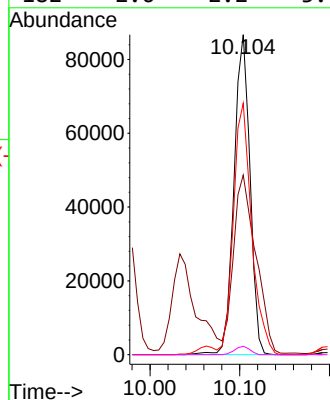
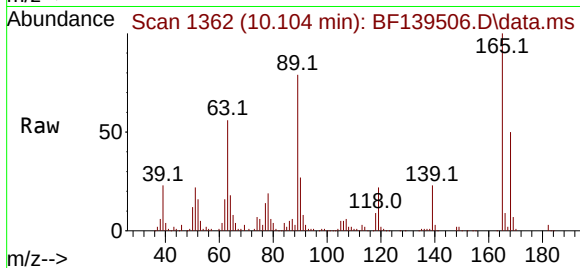




#57
2,4-Dinitrotoluene
Concen: 45.390 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

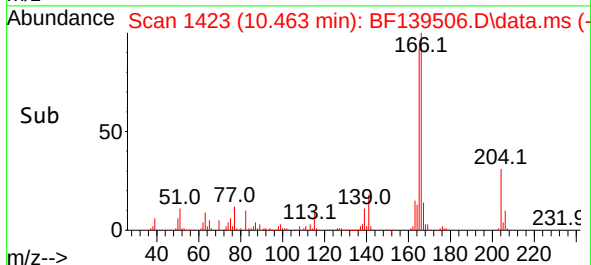
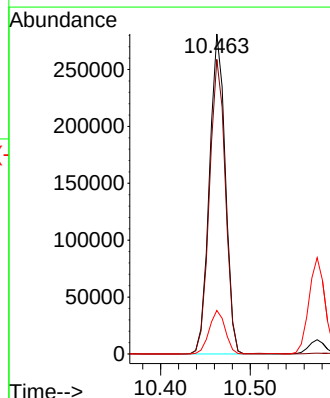
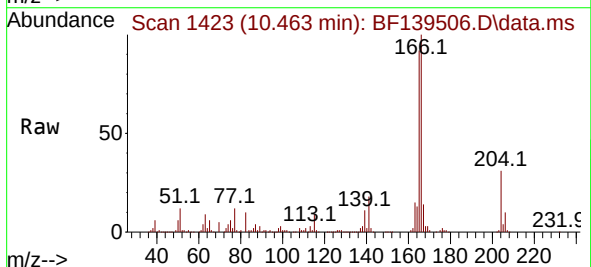
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

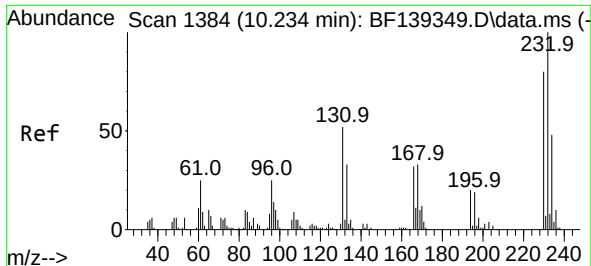
Tgt Ion:165 Resp: 107111
Ion Ratio Lower Upper
165 100
63 56.2 47.8 71.6
89 78.6 66.7 100.1
182 2.6 2.2 3.4



#58
Fluorene
Concen: 41.862 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:166 Resp: 345845
Ion Ratio Lower Upper
166 100
165 92.0 74.5 111.7
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.122 ng

RT: 10.239 min Scan# 1385

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:232 Resp: 93283

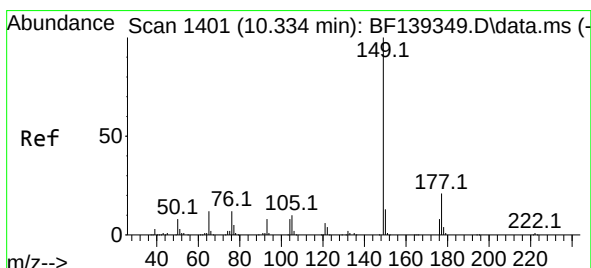
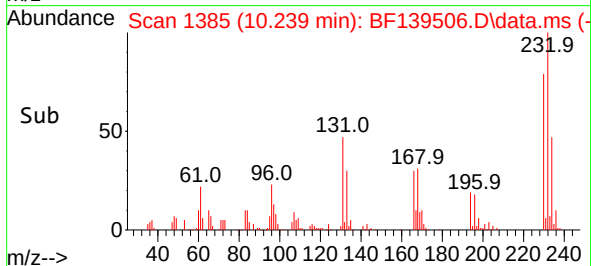
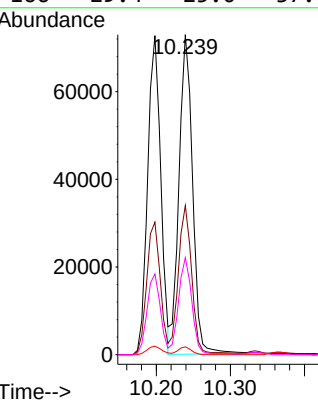
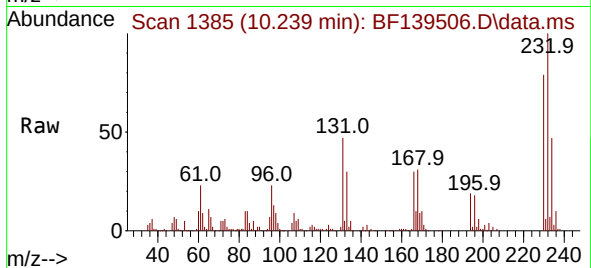
Ion Ratio Lower Upper

232 100

131 45.1 40.7 61.1

130 2.3 2.2 3.2

166 29.4 25.0 37.6



#60

Diethylphthalate

Concen: 45.648 ng

RT: 10.333 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

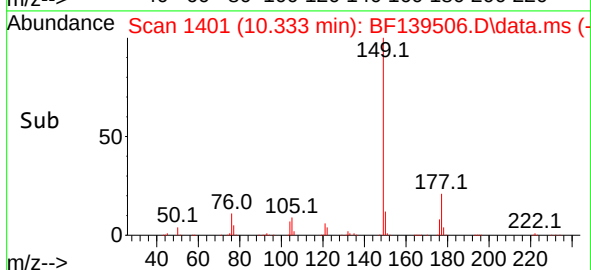
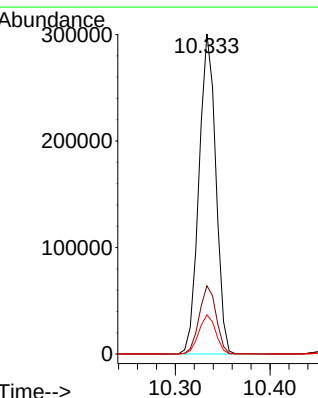
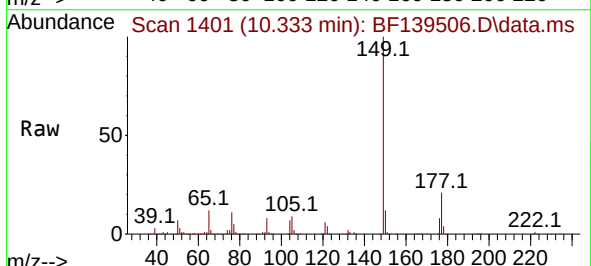
Tgt Ion:149 Resp: 371672

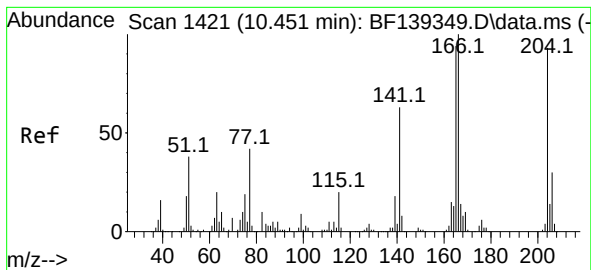
Ion Ratio Lower Upper

149 100

177 21.3 16.6 24.8

150 12.2 10.6 15.8

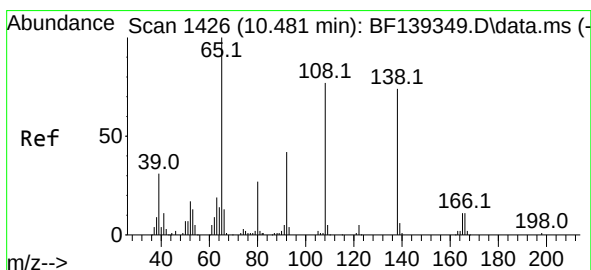
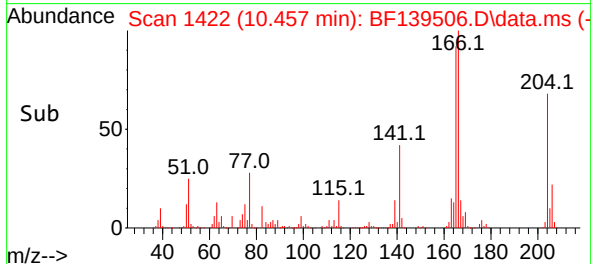
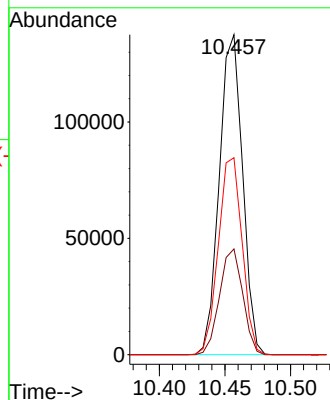
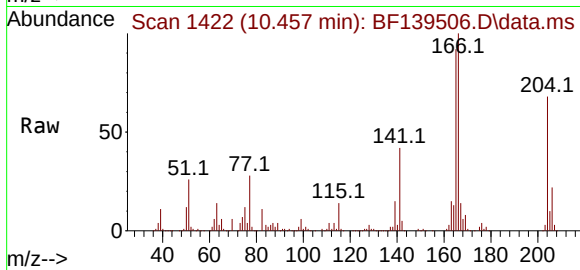




#61
4-Chlorophenyl-phenylether
Concen: 42.253 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

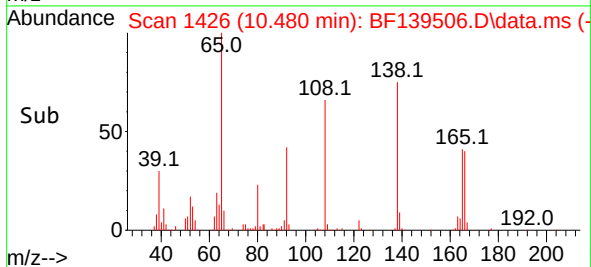
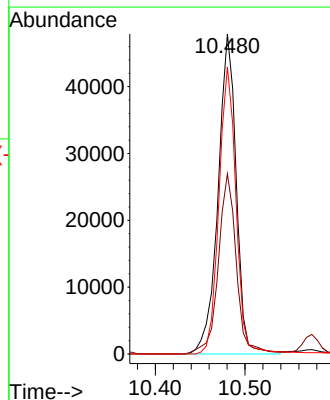
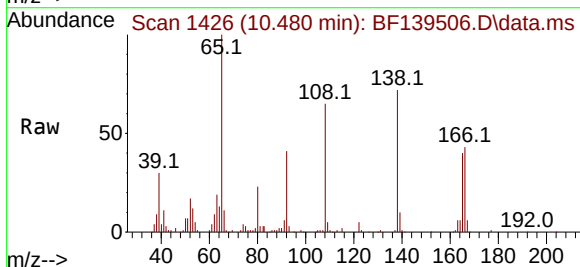
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

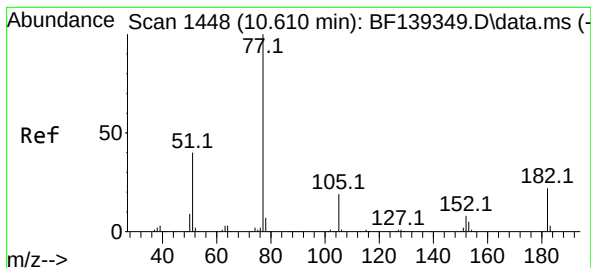
Tgt Ion:204 Resp: 169648
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 61.5 53.9 80.9



#62
4-Nitroaniline
Concen: 35.401 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:138 Resp: 67491
Ion Ratio Lower Upper
138 100
92 56.3 37.0 77.0
108 89.7 84.4 124.4





#63

Azobenzene

Concen: 42.873 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion: 77 Resp: 343343

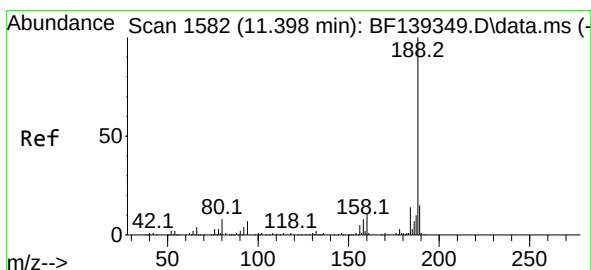
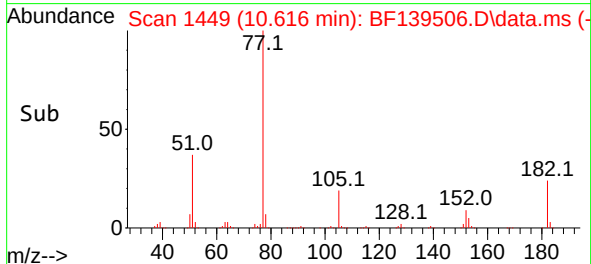
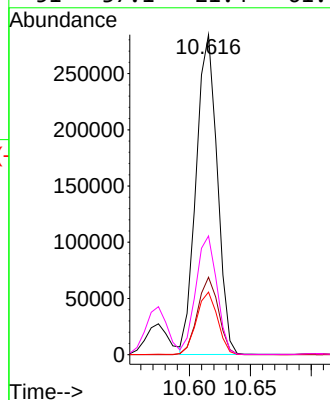
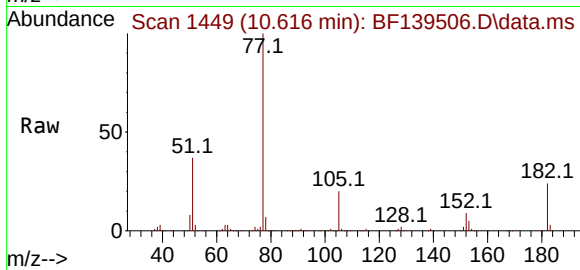
Ion Ratio Lower Upper

77 100

182 24.2 1.8 41.8

105 19.5 0.0 38.6

51 37.1 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

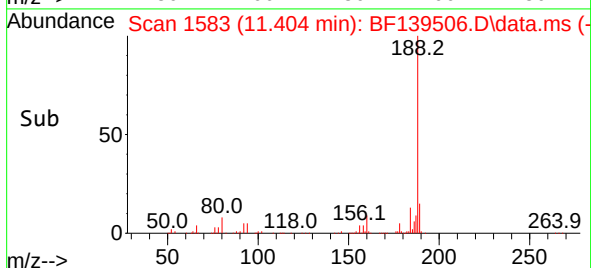
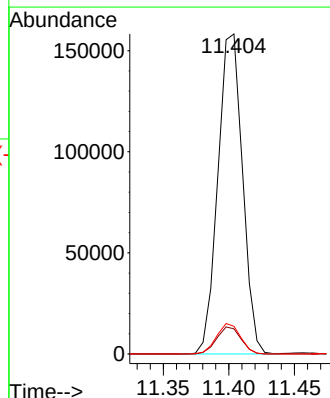
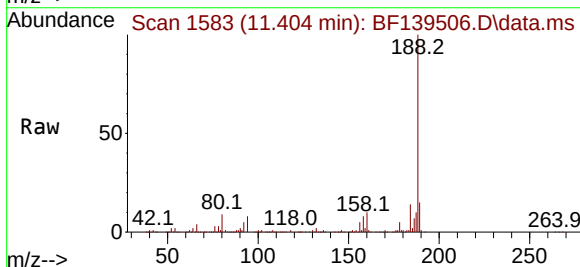
Tgt Ion:188 Resp: 206785

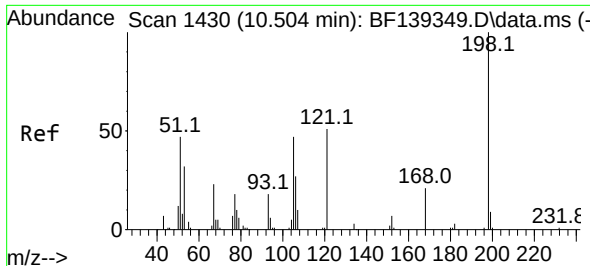
Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.7 6.6 9.8

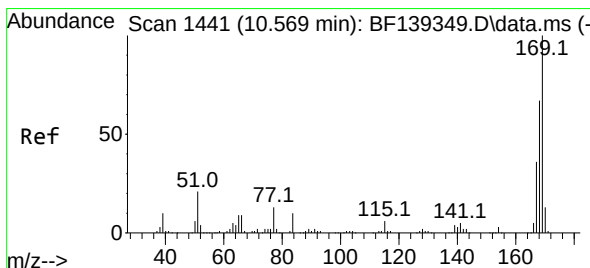
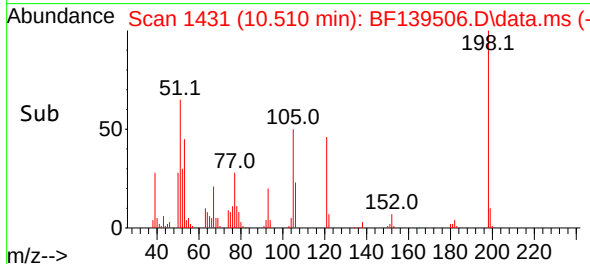
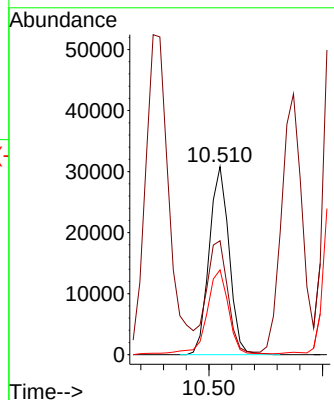
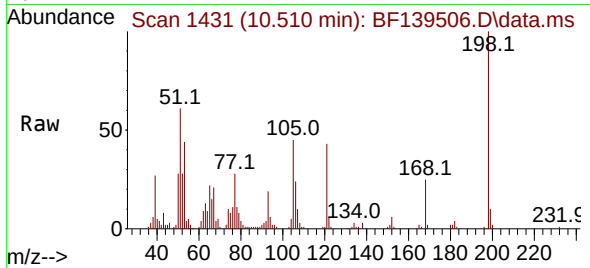




#65
4,6-Dinitro-2-methylphenol
Concen: 34.292 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

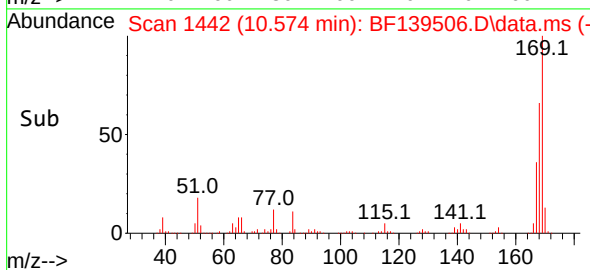
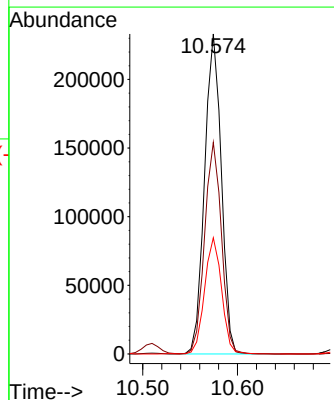
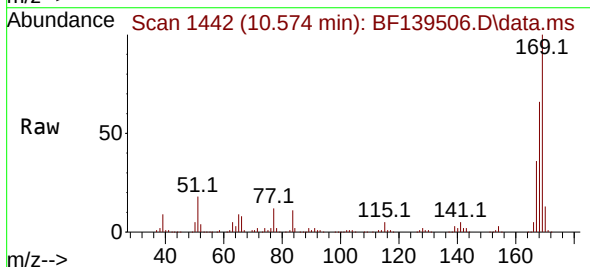
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

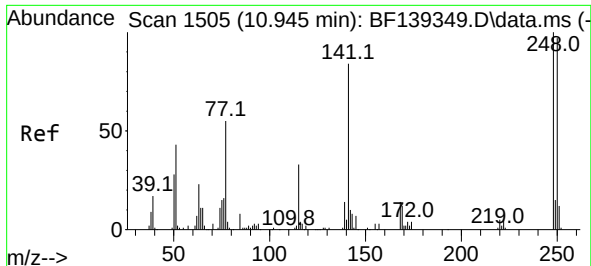
Tgt Ion:198 Resp: 37426
Ion Ratio Lower Upper
198 100
51 60.6 50.4 90.4
105 45.1 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 47.208 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:169 Resp: 285403
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.3 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 47.996 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

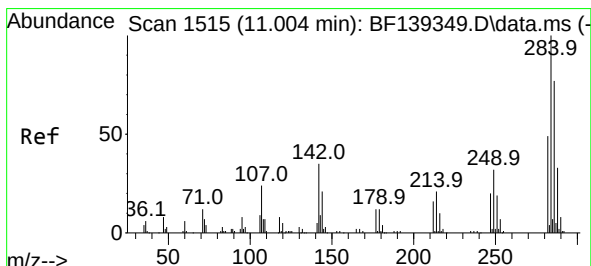
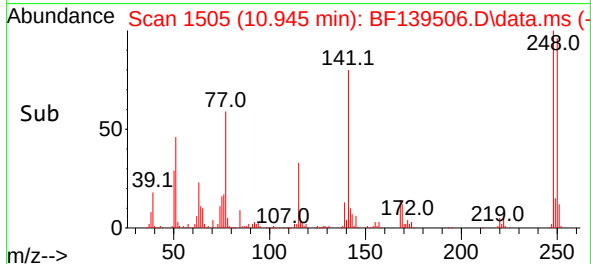
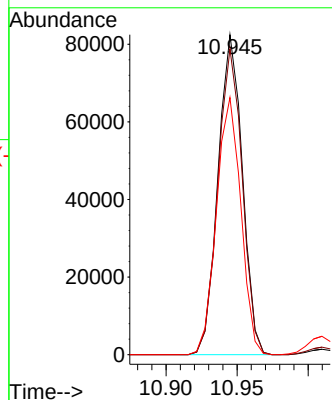
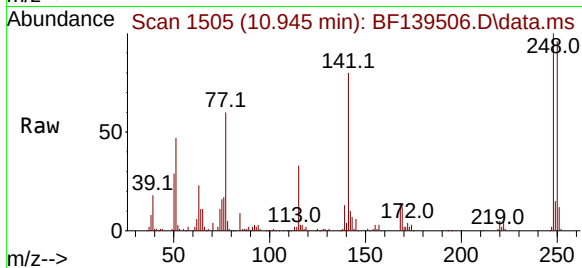
Tgt Ion:248 Resp: 98353

Ion Ratio Lower Upper

248 100

250 95.6 77.6 116.4

141 80.4 66.9 100.3



#68

Hexachlorobenzene

Concen: 45.379 ng

RT: 11.010 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

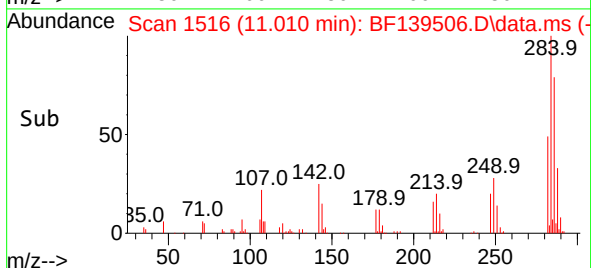
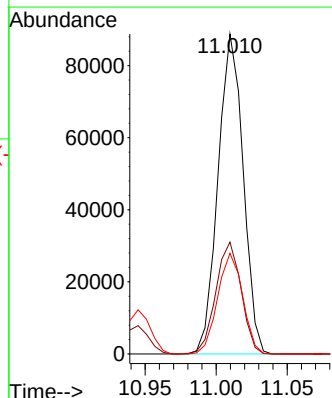
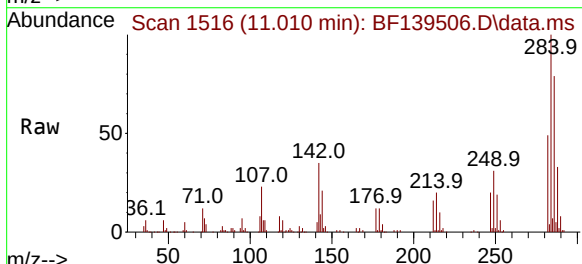
Tgt Ion:284 Resp: 109136

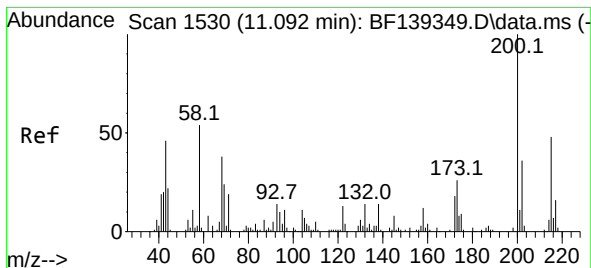
Ion Ratio Lower Upper

284 100

142 34.9 28.0 42.0

249 31.5 25.3 37.9





#69

Atrazine

Concen: 46.294 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

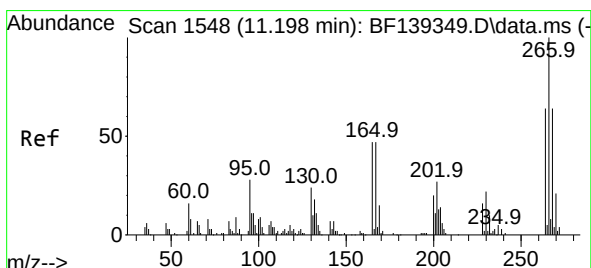
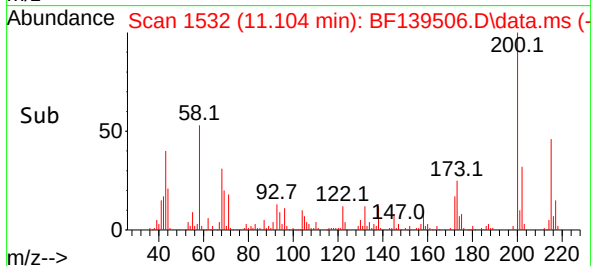
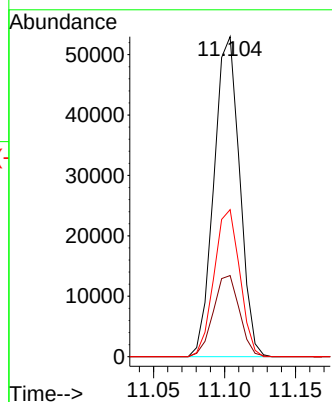
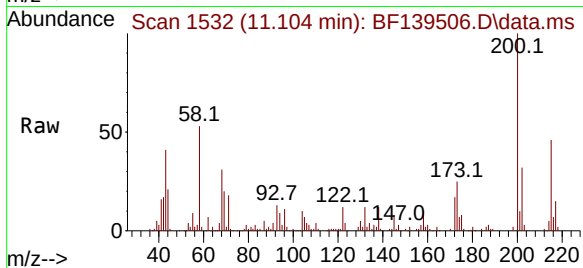
Tgt Ion:200 Resp: 66630

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

215 46.0 28.2 68.2



#70

Pentachlorophenol

Concen: 98.860 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

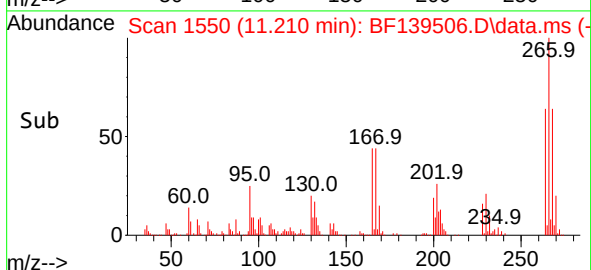
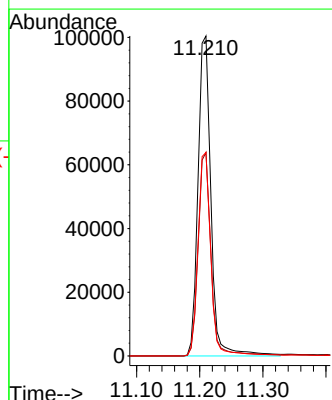
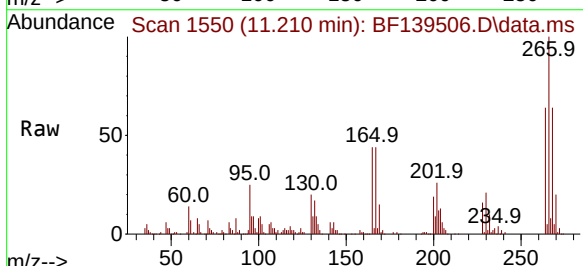
Tgt Ion:266 Resp: 142663

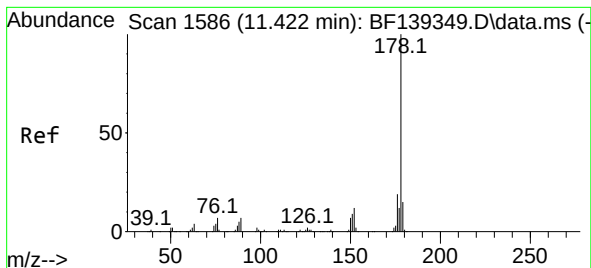
Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

264 63.6 51.4 77.0





#71

Phenanthrene

Concen: 48.277 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

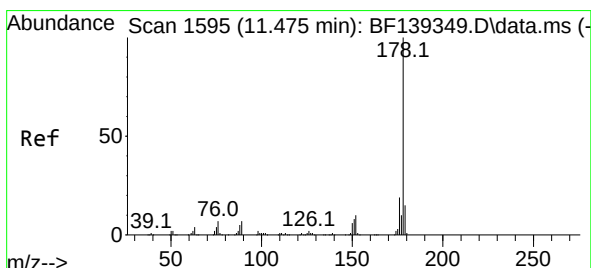
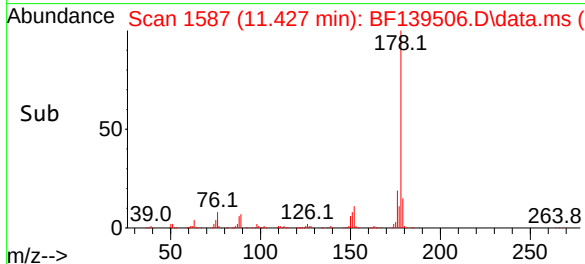
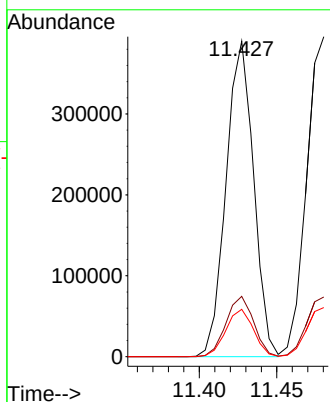
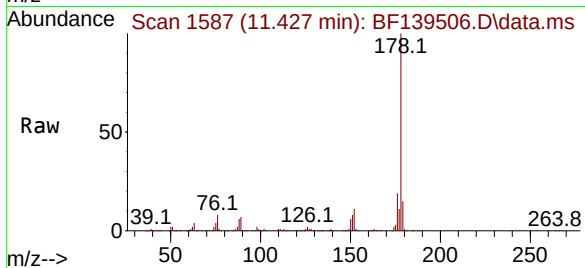
Tgt Ion:178 Resp: 481633

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.0 12.2 18.4



#72

Anthracene

Concen: 50.906 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

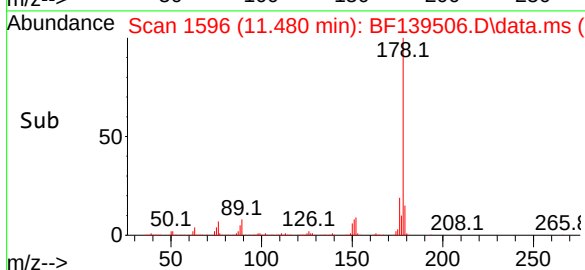
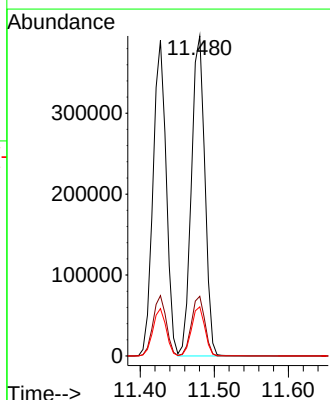
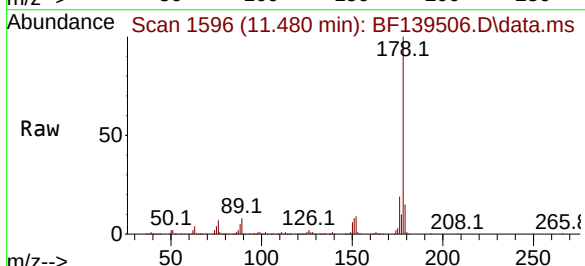
Tgt Ion:178 Resp: 496555

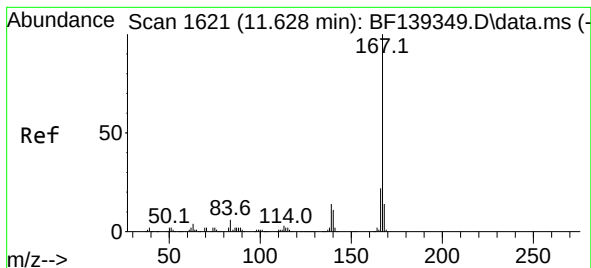
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.4 12.0 18.0





#73

Carbazole

Concen: 48.996 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

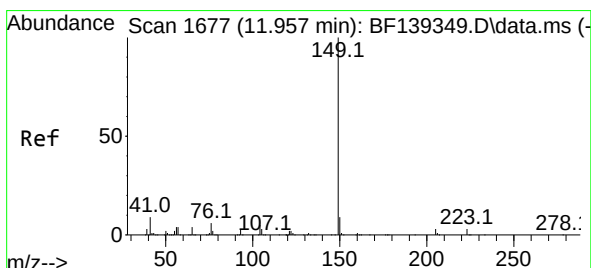
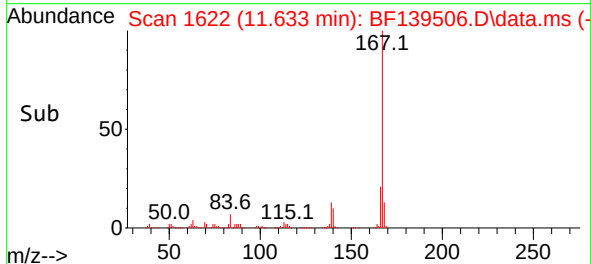
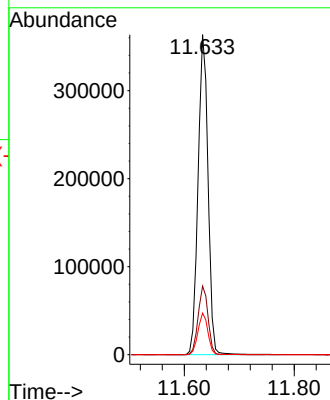
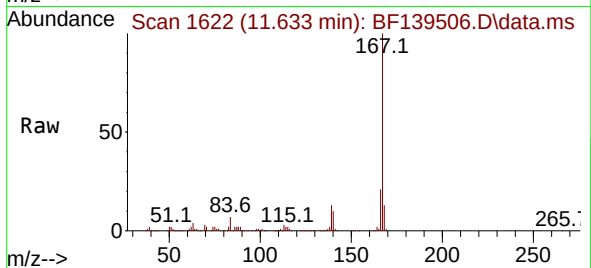
Tgt Ion:167 Resp: 457414

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 13.0 10.9 16.3



#74

Di-n-butylphthalate

Concen: 50.453 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

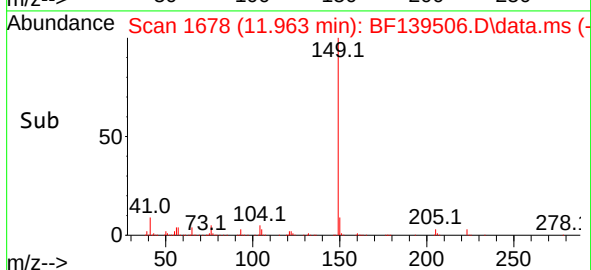
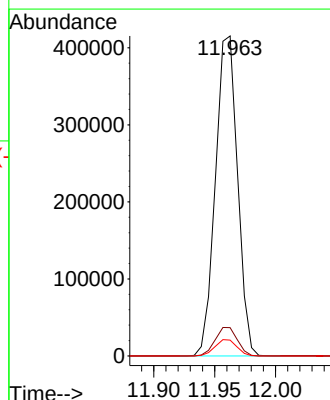
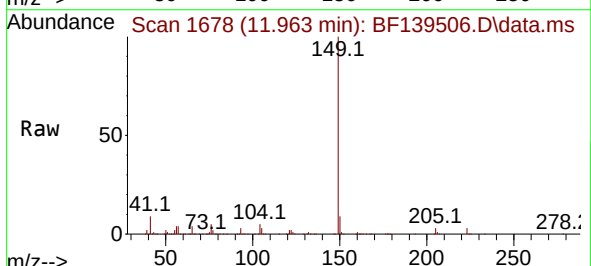
Tgt Ion:149 Resp: 524700

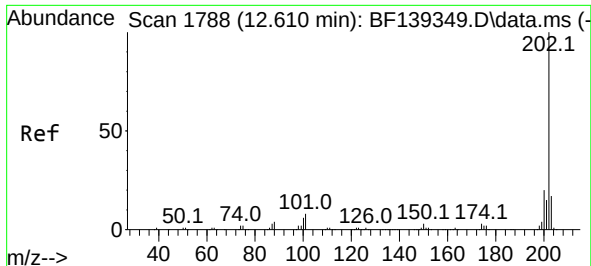
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

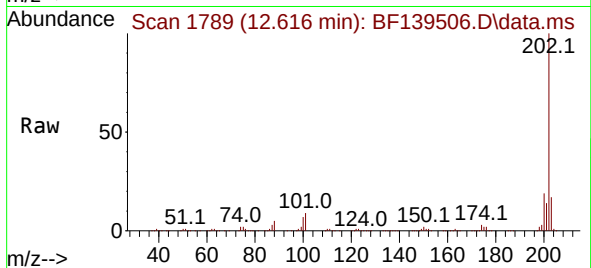
104 5.0 4.3 6.5



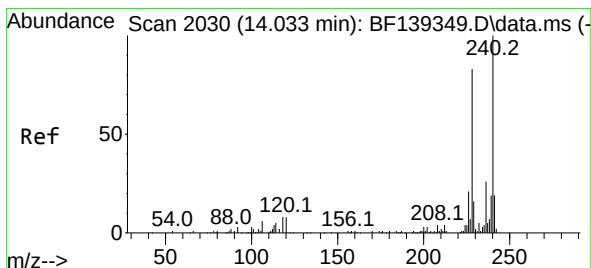
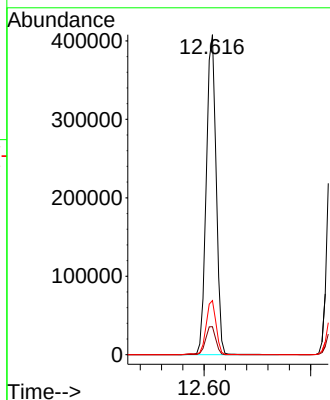


#75
Fluoranthene
Concen: 48.916 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

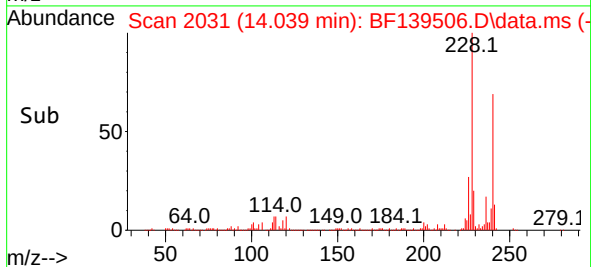
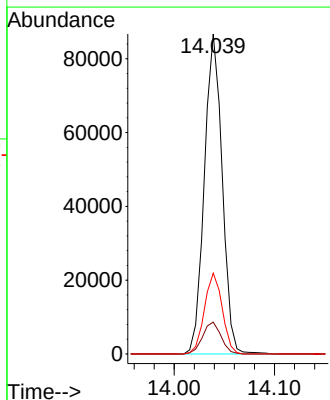
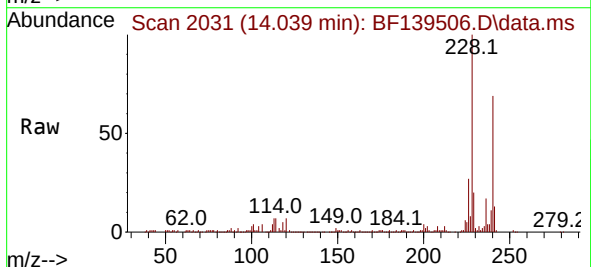


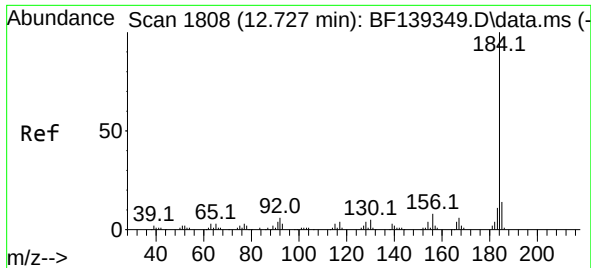
Tgt Ion:202 Resp: 521151
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 16.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:240 Resp: 107208
Ion Ratio Lower Upper
240 100
120 9.9 6.2 9.2#
236 25.3 20.9 31.3

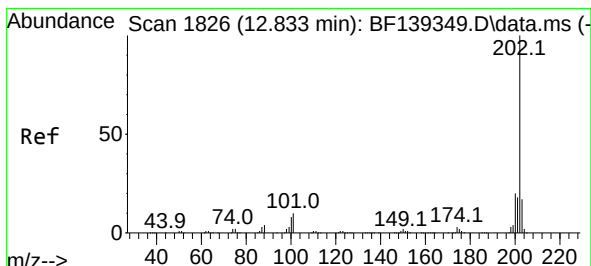
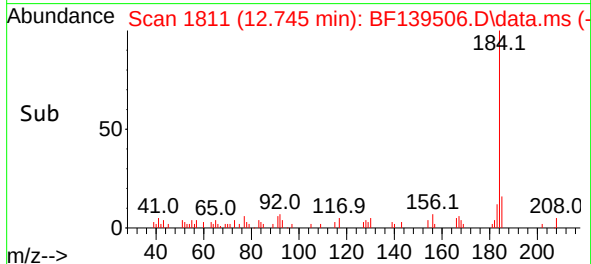
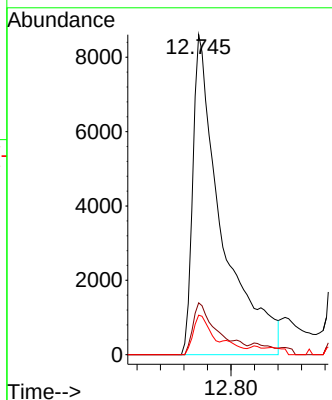
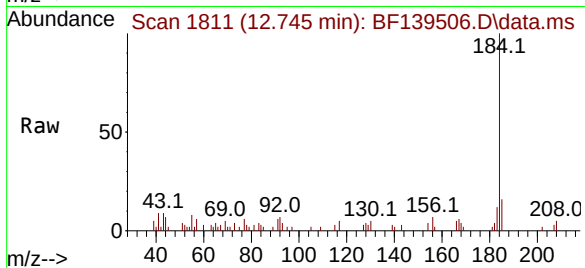




#77
Benzidine
Concen: 19.063 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

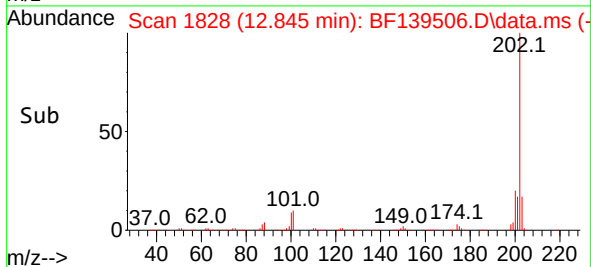
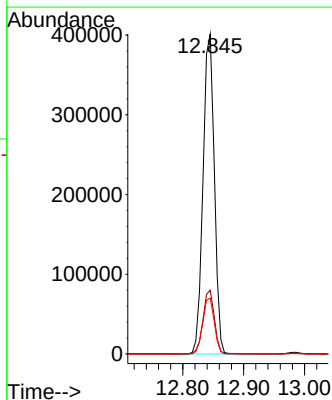
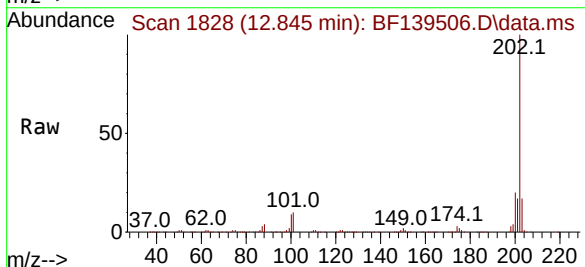
Instrument :
BNA_F
ClientSampleId :
WC-22AMS

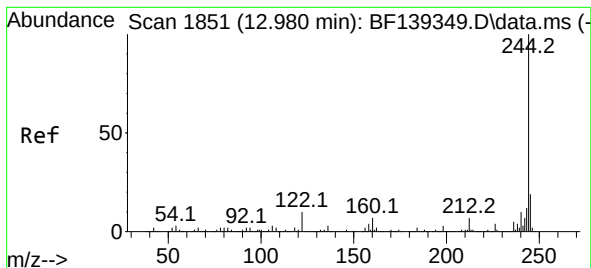
Tgt Ion:184 Resp: 29280
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 12.3 8.9 13.3



#78
Pyrene
Concen: 56.518 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:202 Resp: 520261
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 110.523 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

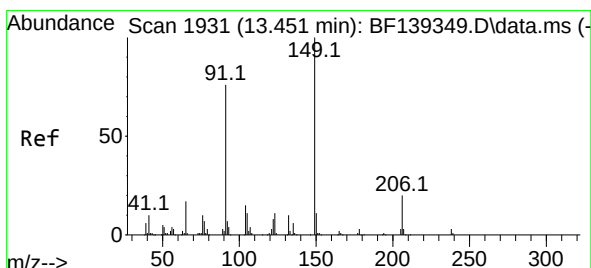
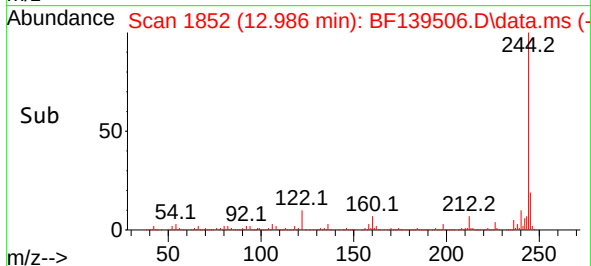
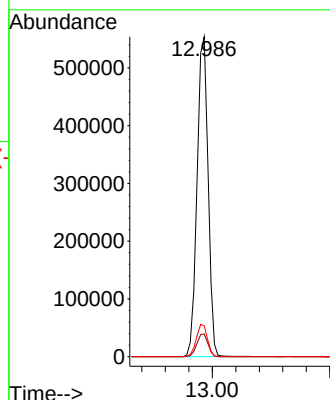
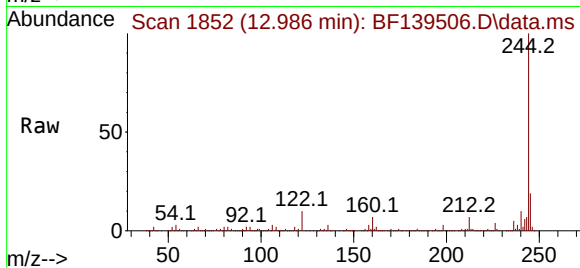
Tgt Ion:244 Resp: 721883

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.6 7.6 11.4



#80

Butylbenzylphthalate

Concen: 62.053 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

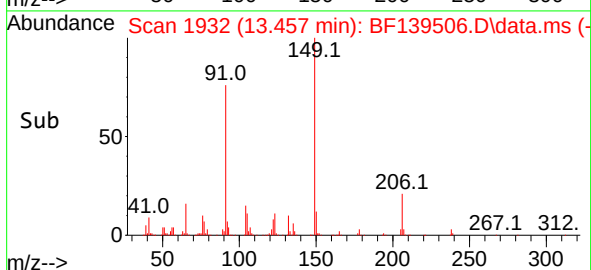
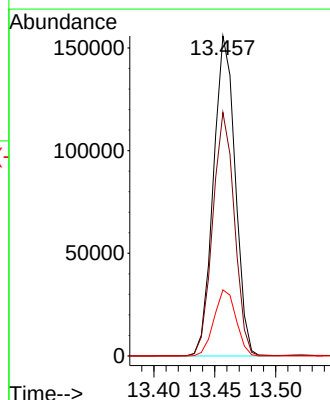
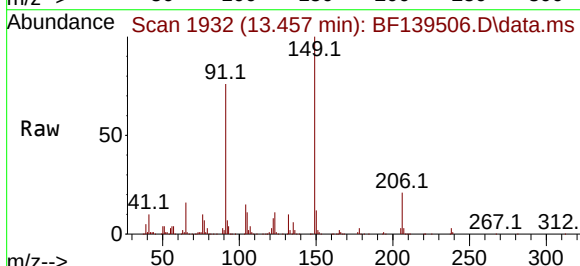
Tgt Ion:149 Resp: 194429

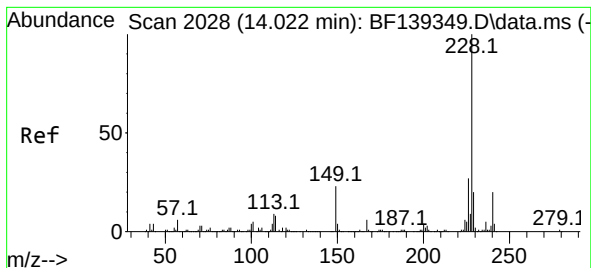
Ion Ratio Lower Upper

149 100

91 76.1 60.9 91.3

206 20.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 48.617 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

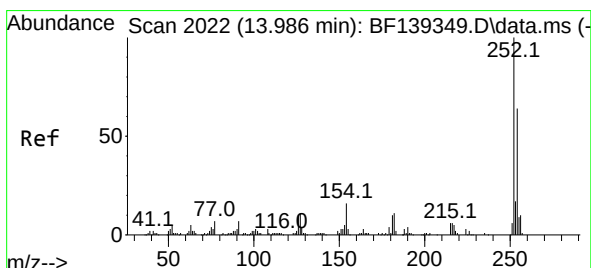
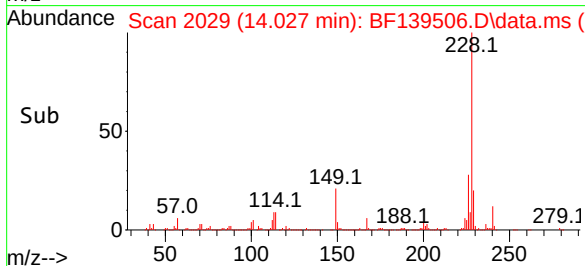
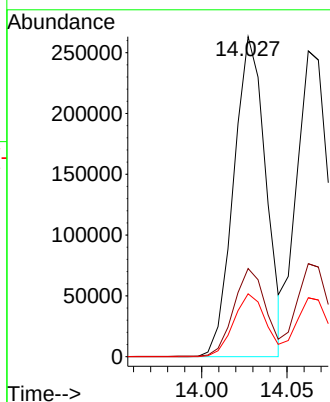
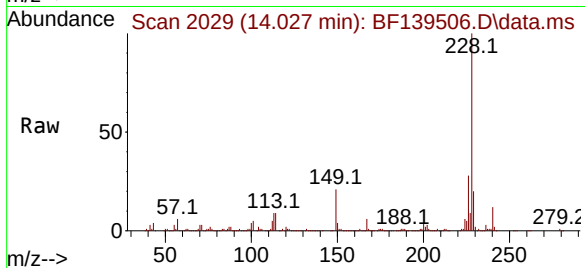
Tgt Ion:228 Resp: 345247

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 17.225 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

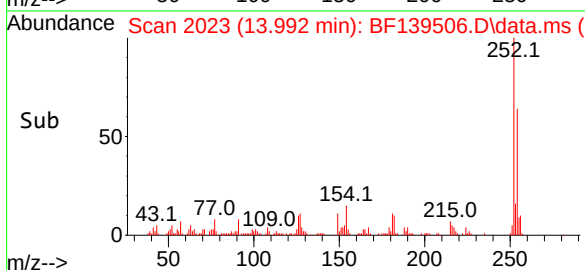
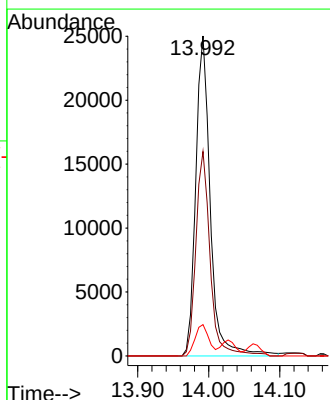
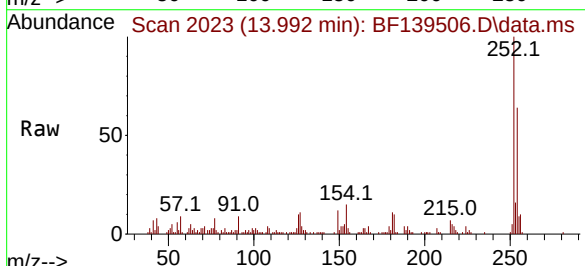
Tgt Ion:252 Resp: 35822

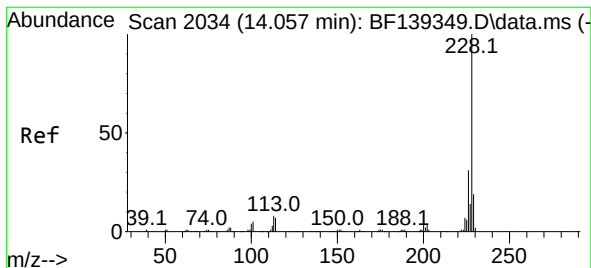
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.2

126 9.8 7.7 11.5





#83

Chrysene

Concen: 50.159 ng

RT: 14.062 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

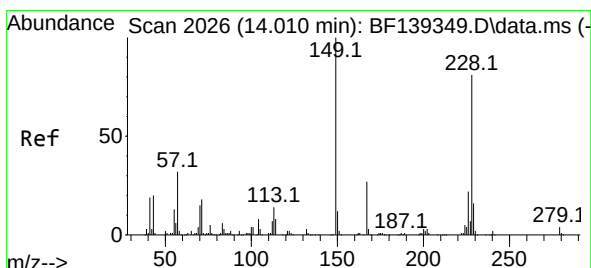
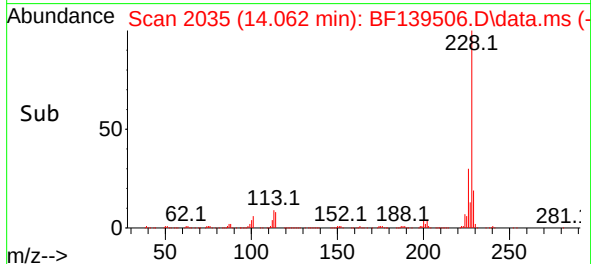
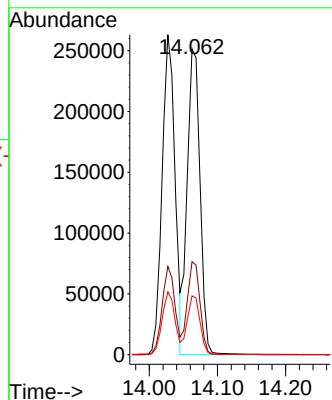
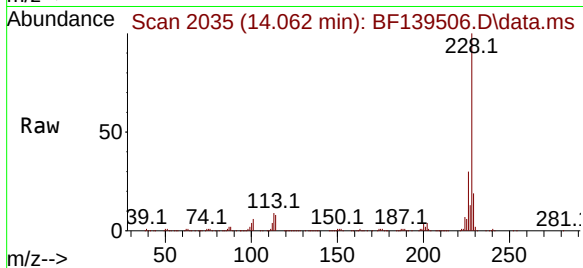
Tgt Ion:228 Resp: 327709

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.587 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

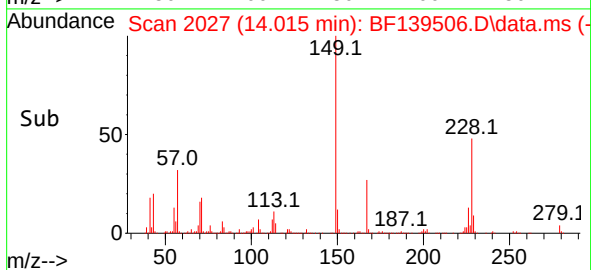
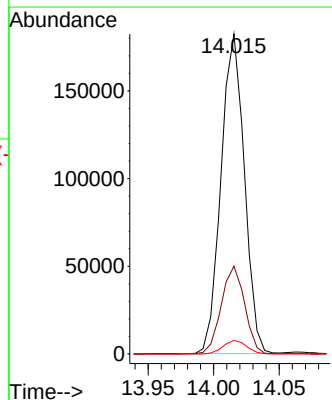
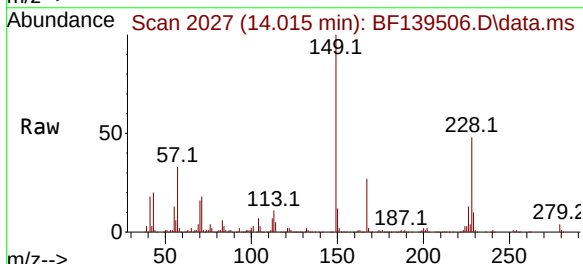
Tgt Ion:149 Resp: 225551

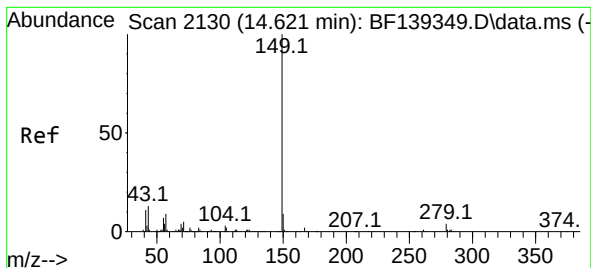
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.505 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

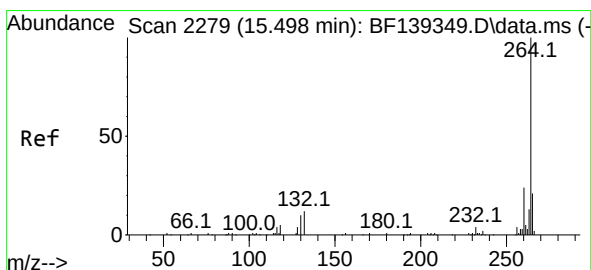
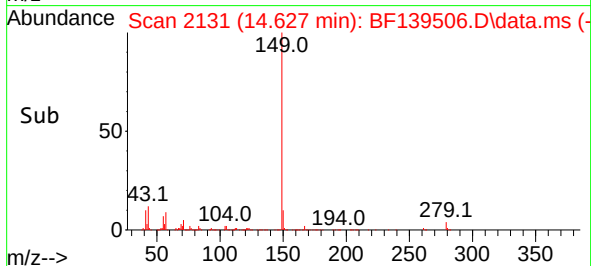
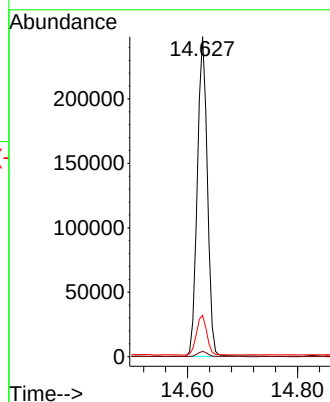
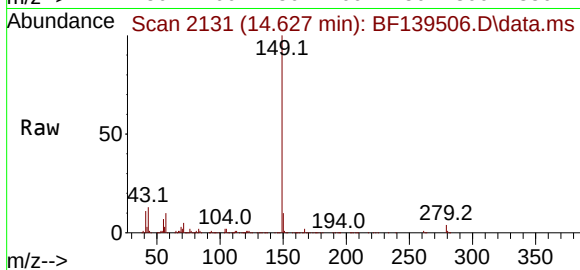
Tgt Ion:149 Resp: 314082

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.7 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

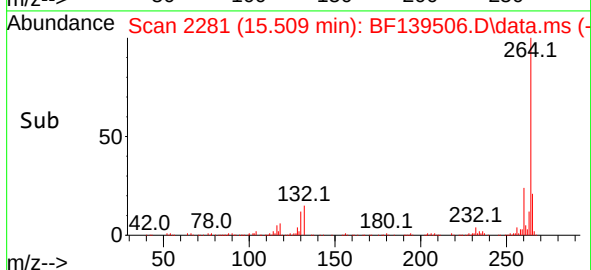
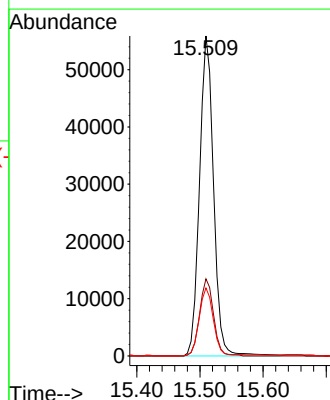
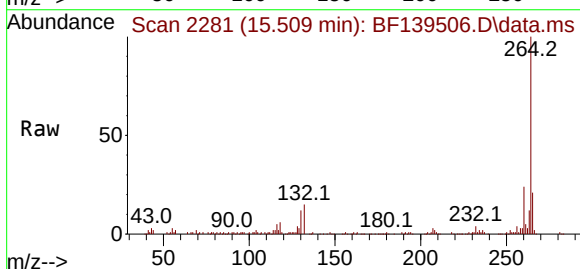
Tgt Ion:264 Resp: 86523

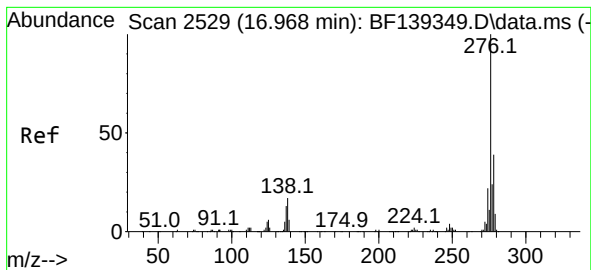
Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.380 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

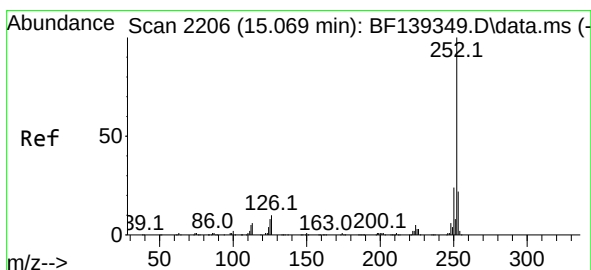
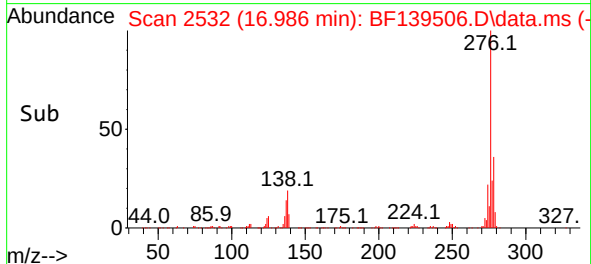
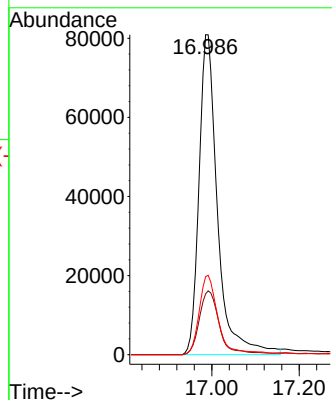
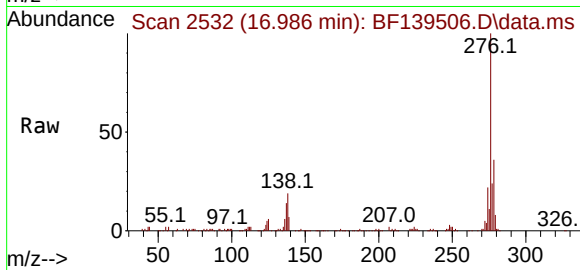
Tgt Ion:276 Resp: 238622

Ion Ratio Lower Upper

276 100

138 21.9 15.4 23.2

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.340 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

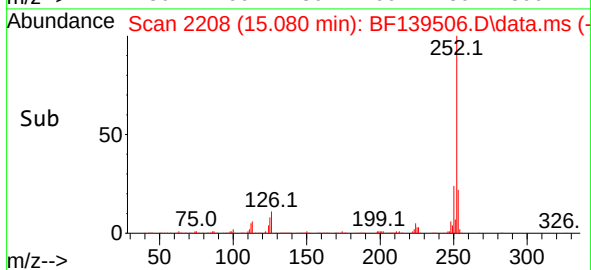
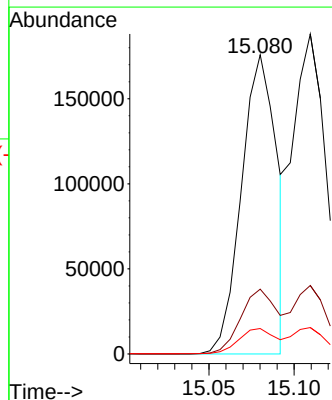
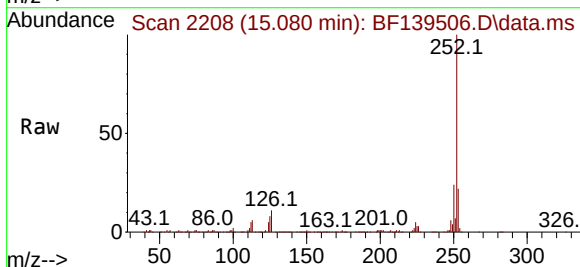
Tgt Ion:252 Resp: 252614

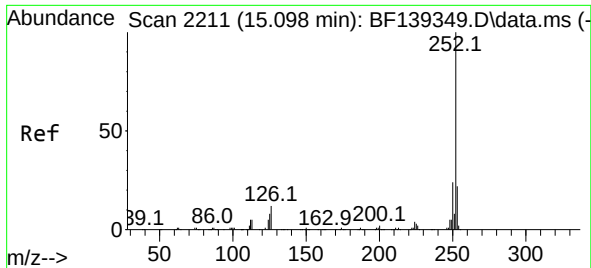
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 52.707 ng

RT: 15.109 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

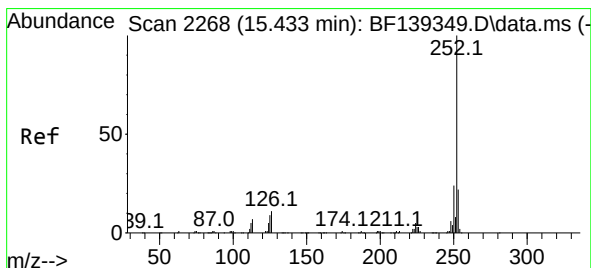
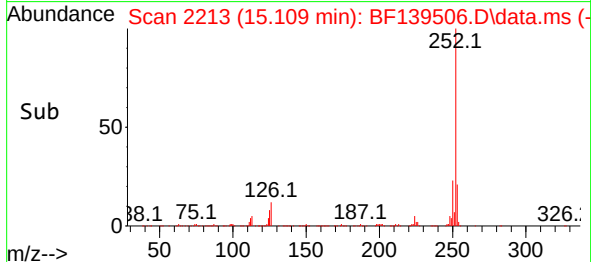
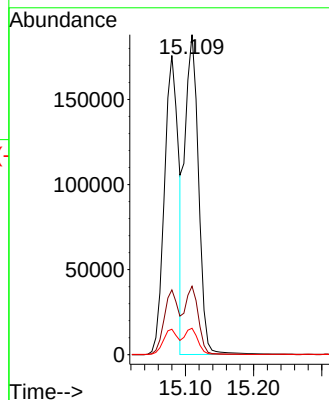
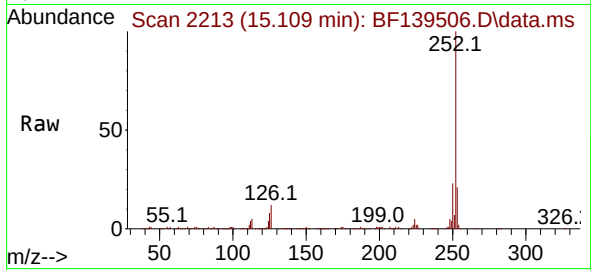
Tgt Ion:252 Resp: 259325

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 52.559 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

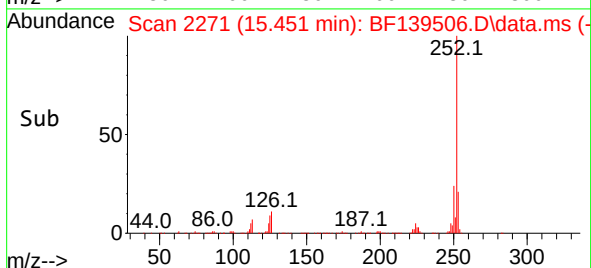
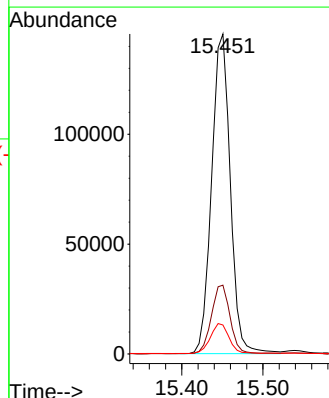
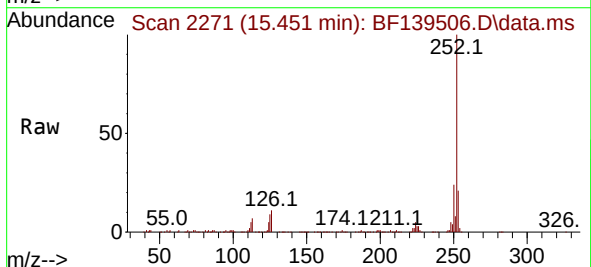
Tgt Ion:252 Resp: 232602

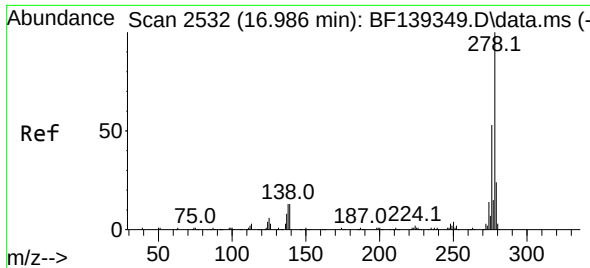
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.0 6.8 10.2

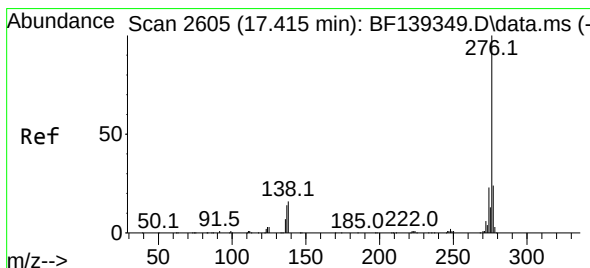
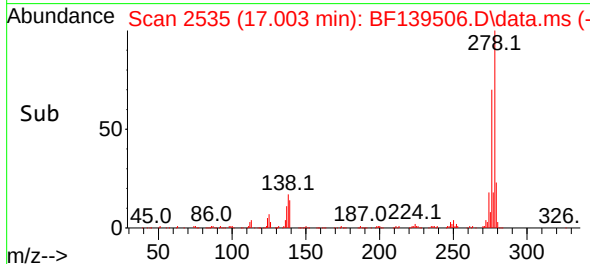
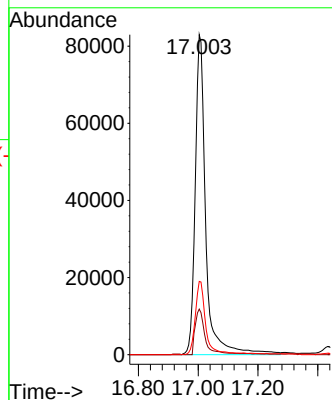
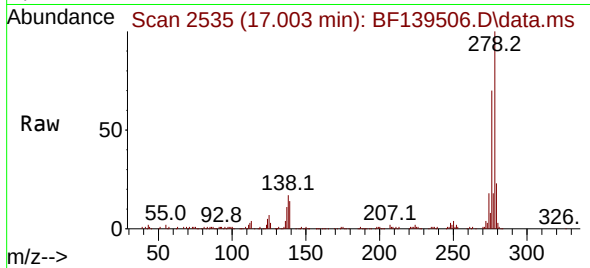




#91
Dibenzo(a,h)anthracene
Concen: 47.847 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:278 Resp: 203415
Ion Ratio Lower Upper
278 100
139 14.3 10.2 15.2
279 22.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.323 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:276 Resp: 169737
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.0 13.0 19.6

