

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139363.D
 Acq On : 14 Sep 2024 12:19
 Operator : RC/JU
 Sample : PB163344BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163344BS

Quant Time: Sep 16 01:53:21 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	6.875	152	58352	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	221337	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	115219	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	229499	20.000	ng	0.00
76) Chrysene-d12	14.033	240	126138	20.000	ng	0.00
86) Perylene-d12	15.498	264	109105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	339255	94.845	ng	0.02
7) Phenol-d6	6.510	99	442225	94.192	ng	0.00
23) Nitrobenzene-d5	7.445	82	441710	93.818	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	123913	101.018	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	806580	98.182	ng	0.00
79) Terphenyl-d14	12.980	244	858323	111.691	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	55498	38.673	ng	97
3) Pyridine	3.504	79	138524	43.781	ng	97
4) n-Nitrosodimethylamine	3.475	42	127058	46.331	ng	94
6) Aniline	6.539	93	171335	48.357	ng	92
8) 2-Chlorophenol	6.663	128	181500	49.294	ng	99
9) Benzaldehyde	6.428	77	10790	3.978	ng	96
10) Phenol	6.522	94	240398	50.274	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	167780	46.165	ng	100
12) 1,3-Dichlorobenzene	6.816	146	195656	46.725	ng	98
13) 1,4-Dichlorobenzene	6.892	146	199271	47.091	ng	99
14) 1,2-Dichlorobenzene	7.045	146	186952	46.756	ng	99
15) Benzyl Alcohol	7.022	79	188381	50.292	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	293004	52.312	ng	98
17) 2-Methylphenol	7.134	107	146993	50.248	ng	99
18) Hexachloroethane	7.392	117	75872	47.074	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	145409	52.265	ng	99
20) 3+4-Methylphenols	7.286	107	199369	49.953	ng	# 90
22) Acetophenone	7.286	105	271231	46.874	ng	98
24) Nitrobenzene	7.463	77	221066	45.621	ng	99
25) Isophorone	7.698	82	372155	49.981	ng	98
26) 2-Nitrophenol	7.775	139	95429	50.549	ng	100
27) 2,4-Dimethylphenol	7.816	122	169700	68.146	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	206348	48.625	ng	98
29) 2,4-Dichlorophenol	8.016	162	153622	48.560	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	166197	45.088	ng	97
31) Naphthalene	8.181	128	534073	46.220	ng	99
32) Benzoic acid	7.939	122	107906	46.303	ng	96
33) 4-Chloroaniline	8.228	127	101895	28.825	ng	99
34) Hexachlorobutadiene	8.298	225	110538	44.139	ng	100
35) Caprolactam	8.604	113	30954	31.808	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	175932	48.660	ng	100
37) 2-Methylnaphthalene	8.875	142	347122	47.328	ng	100
38) 1-Methylnaphthalene	8.975	142	321336	44.626	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	170918	50.053	ng	98
41) Hexachlorocyclopentadiene	9.028	237	231385	194.069	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	116717	52.537	ng	98

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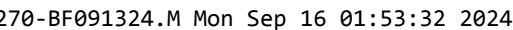
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 ClientSampleId :
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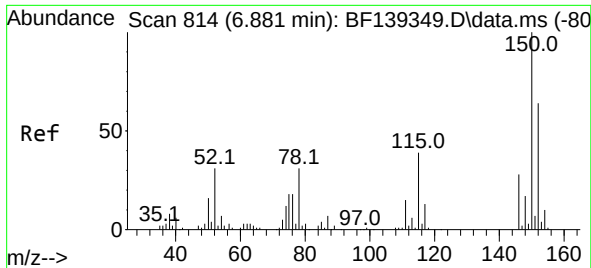
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	119254	50.889	ng	98
46) 1,1'-Biphenyl	9.339	154	438872	49.511	ng	99
47) 2-Chloronaphthalene	9.363	162	329534	49.721	ng	99
48) 2-Nitroaniline	9.457	65	130053	52.757	ng	95
49) Acenaphthylene	9.780	152	528807	53.005	ng	100
50) Dimethylphthalate	9.639	163	390467	51.633	ng	100
51) 2,6-Dinitrotoluene	9.698	165	86210	51.460	ng	97
52) Acenaphthene	9.951	154	397578	57.099	ng	100
53) 3-Nitroaniline	9.869	138	62825	37.524	ng	96
54) 2,4-Dinitrophenol	9.975	184	104682	112.138	ng	95
55) Dibenzofuran	10.122	168	496687	51.178	ng	98
56) 4-Nitrophenol	10.027	139	149168	107.674	ng	95
57) 2,4-Dinitrotoluene	10.104	165	117397	51.905	ng	98
58) Fluorene	10.463	166	402515	50.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	107262	55.331	ng	98
60) Diethylphthalate	10.339	149	404581	51.843	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	194563	50.558	ng	97
62) 4-Nitroaniline	10.486	138	86109	47.125	ng	99
63) Azobenzene	10.616	77	390927	50.931	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	65639	54.191	ng	95
66) n-Nitrosodiphenylamine	10.574	169	336662	50.175	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	111211	48.900	ng	96
68) Hexachlorobenzene	11.010	284	129264	48.429	ng	98
69) Atrazine	11.098	200	110877	69.412	ng	98
70) Pentachlorophenol	11.204	266	151766	94.759	ng	97
71) Phenanthrene	11.427	178	563857	50.925	ng	99
72) Anthracene	11.474	178	559183	51.653	ng	99
73) Carbazole	11.627	167	517396	49.936	ng	99
74) Di-n-butylphthalate	11.957	149	615041	53.287	ng	100
75) Fluoranthene	12.610	202	583663	49.361	ng	99
77) Benzidine	12.727	184	74204	41.060	ng	99
78) Pyrene	12.839	202	573930	52.991	ng	100
80) Butylbenzylphthalate	13.457	149	209625	56.862	ng	98
81) Benzo(a)anthracene	14.021	228	430774	51.557	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	107198	43.810	ng	100
83) Chrysene	14.062	228	358256	46.606	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	264866	56.478	ng	98
85) Di-n-octyl phthalate	14.627	149	373110	54.022	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	342261	52.755	ng	99
88) Benzo(b)fluoranthene	15.074	252	371973	55.280	ng	99
89) Benzo(k)fluoranthene	15.104	252	345958	55.762	ng	100
90) Benzo(a)pyrene	15.439	252	306146	54.859	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	289291	53.963	ng	99
92) Benzo(g,h,i)perylene	17.421	276	267915	50.474	ng	100

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

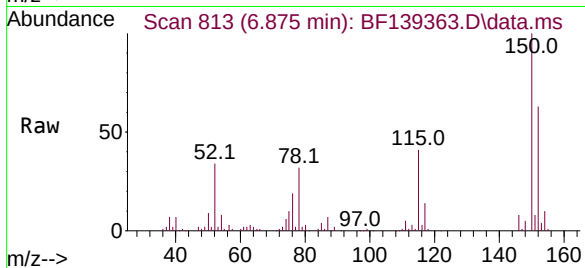
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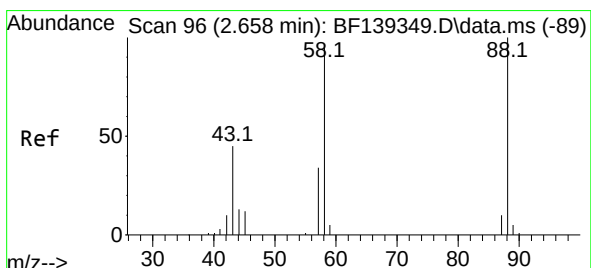
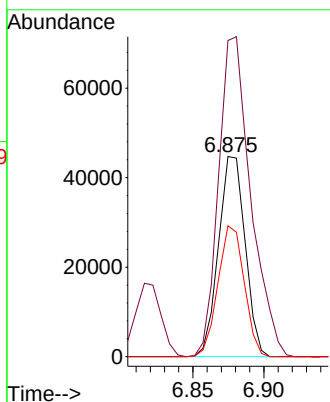
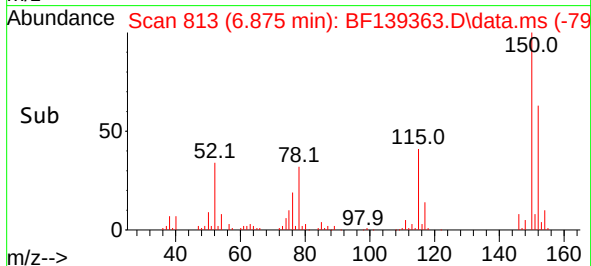


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19

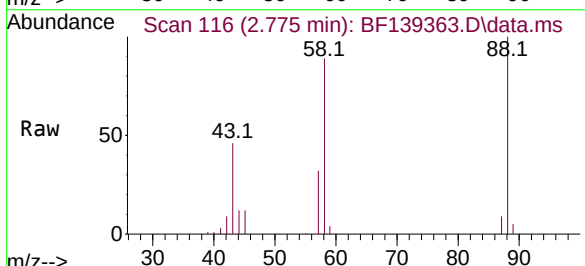
Instrument :
 BNA_F
 ClientSampleId :
 PB163344BS



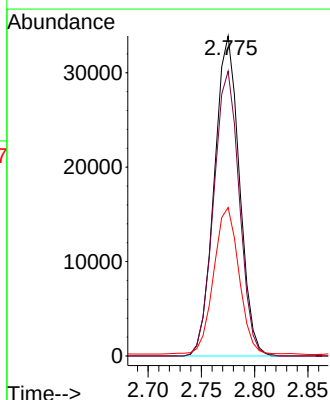
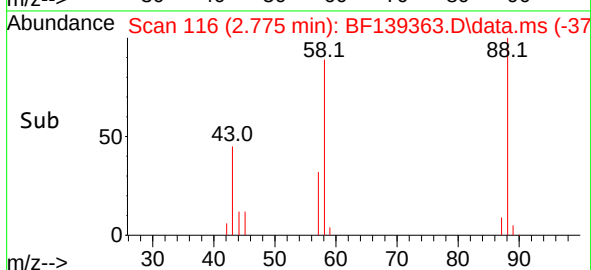
Tgt Ion:152 Resp: 58352
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.1 186.1
 115 65.4 48.1 72.1

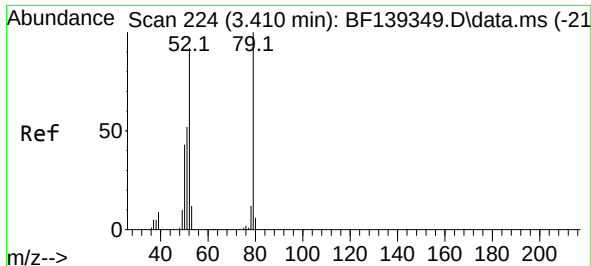


#2
 1,4-Dioxane
 Concen: 38.673 ng
 RT: 2.775 min Scan# 116
 Delta R.T. 0.117 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19



Tgt Ion: 88 Resp: 55498
 Ion Ratio Lower Upper
 88 100
 58 90.7 74.8 112.2
 43 46.8 36.4 54.6





#3

Pyridine

Concen: 43.781 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

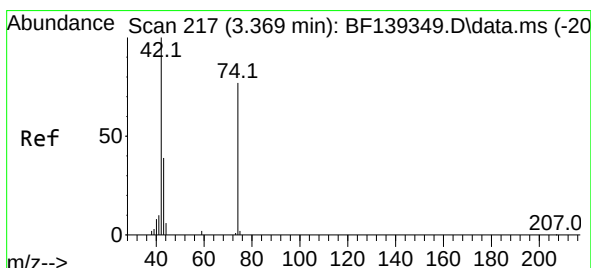
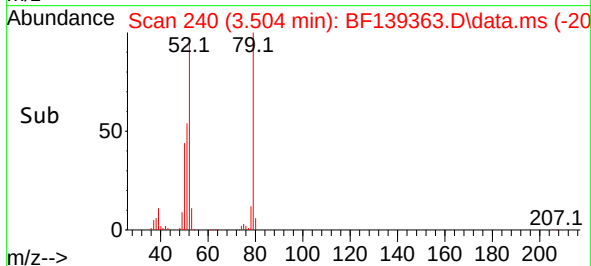
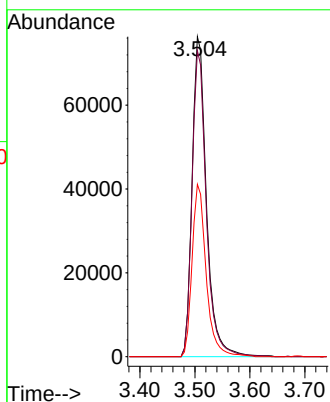
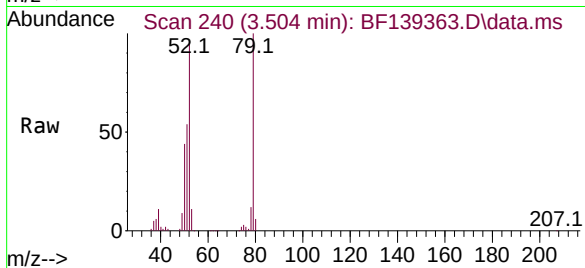
Tgt Ion: 79 Resp: 138524

Ion Ratio Lower Upper

79 100

52 95.6 73.8 110.8

51 53.8 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 46.331 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.106 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

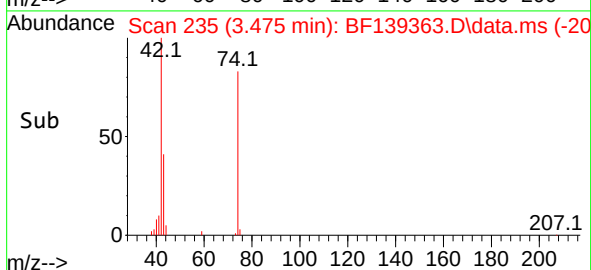
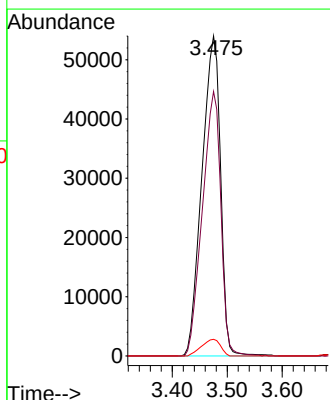
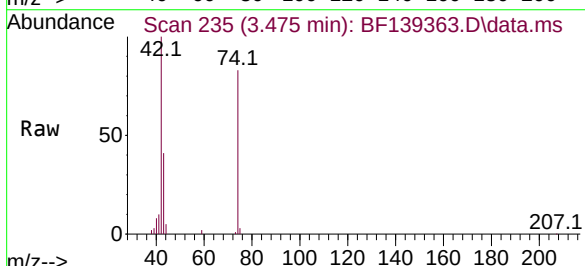
Tgt Ion: 42 Resp: 127058

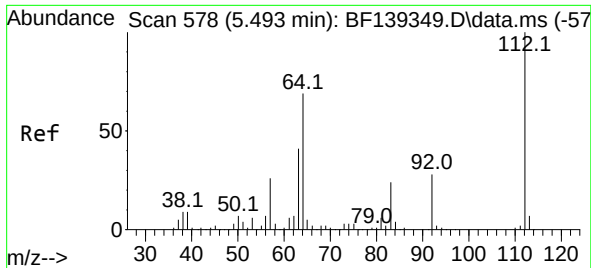
Ion Ratio Lower Upper

42 100

74 82.6 61.8 92.8

44 5.2 4.8 7.2

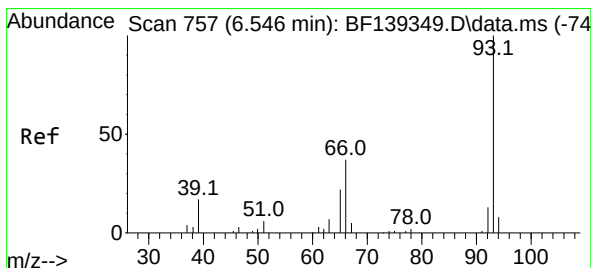
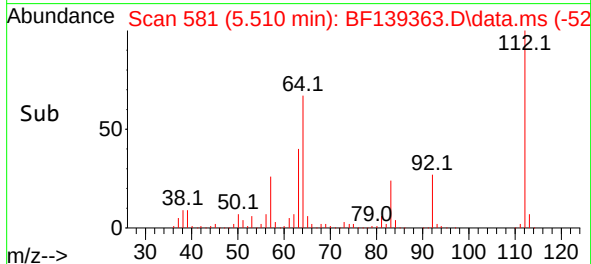
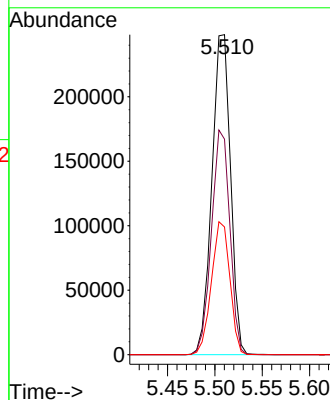
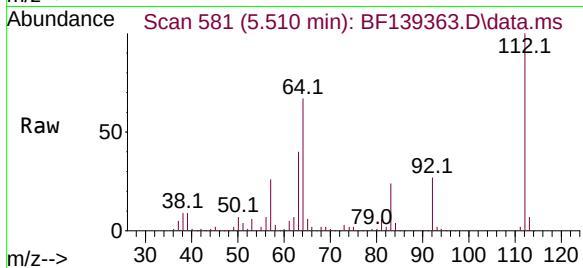




#5
2-Fluorophenol
Concen: 94.845 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

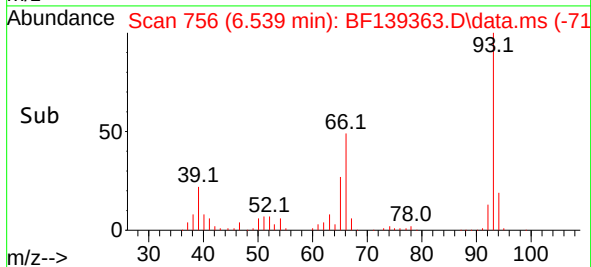
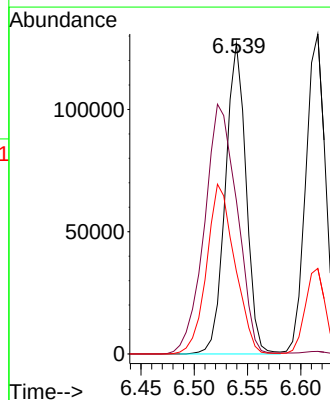
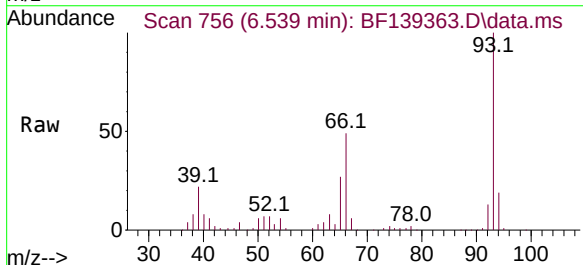
Instrument :
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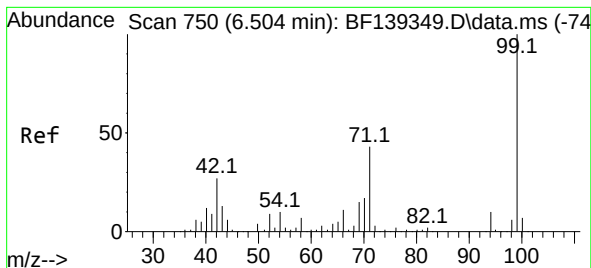
Tgt Ion:112 Resp: 339255
Ion Ratio Lower Upper
112 100
64 67.3 54.8 82.2
63 39.9 33.0 49.4



#6
Aniline
Concen: 48.357 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion: 93 Resp: 171335
Ion Ratio Lower Upper
93 100
66 49.4 35.4 53.0
65 26.7 18.2 27.4





#7

Phenol-d6

Concen: 94.192 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

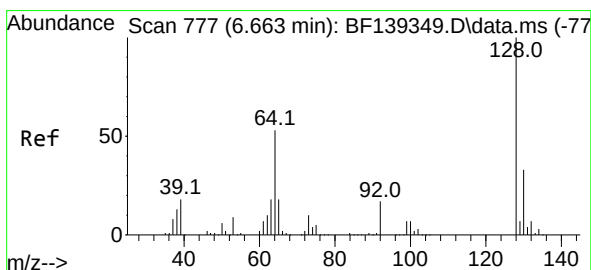
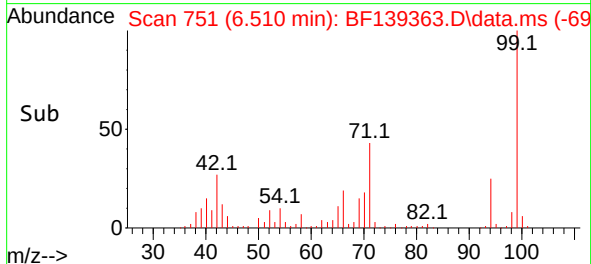
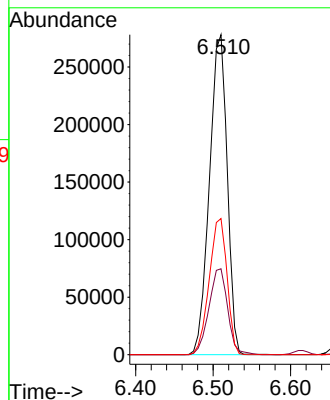
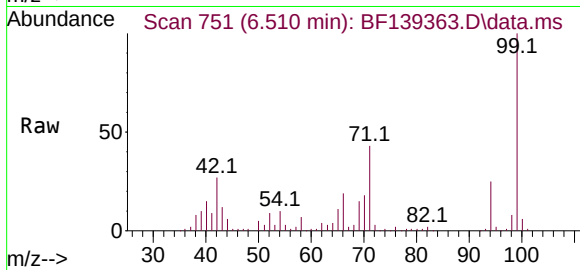
Tgt Ion: 99 Resp: 442225

Ion Ratio Lower Upper

99 100

42 26.9 21.9 32.9

71 42.5 34.6 52.0



#8

2-Chlorophenol

Concen: 49.294 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

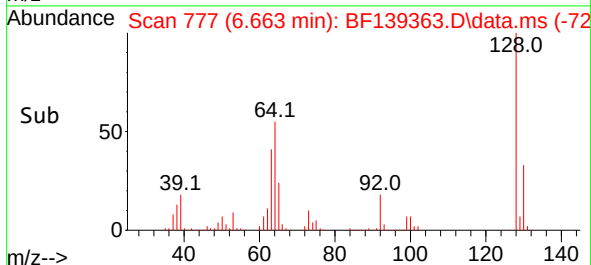
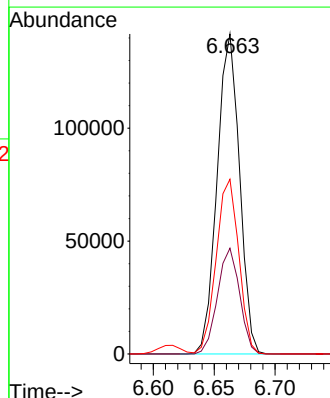
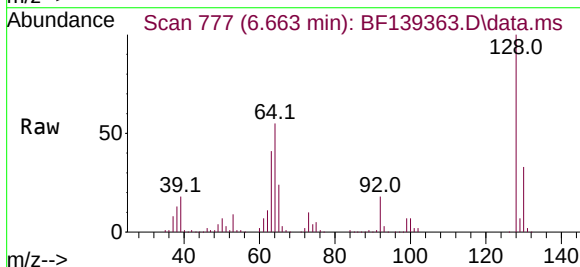
Tgt Ion: 128 Resp: 181500

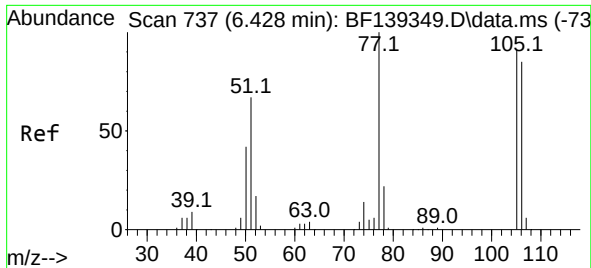
Ion Ratio Lower Upper

128 100

130 33.1 12.8 52.8

64 54.6 35.1 75.1





#9

Benzaldehyde

Concen: 3.978 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

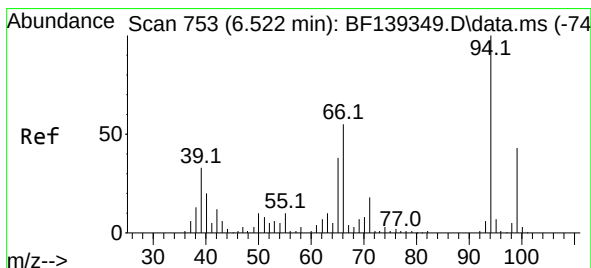
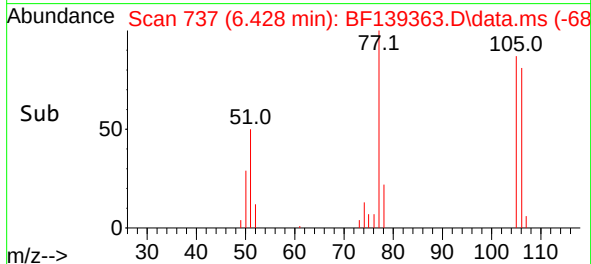
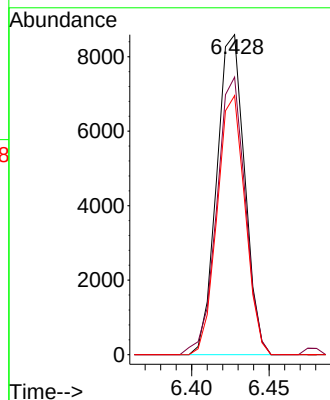
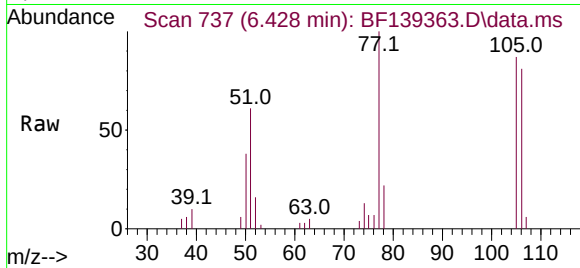
Tgt Ion: 77 Resp: 10790

Ion Ratio Lower Upper

77 100

105 86.7 71.0 111.0

106 81.0 64.9 104.9



#10

Phenol

Concen: 50.274 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

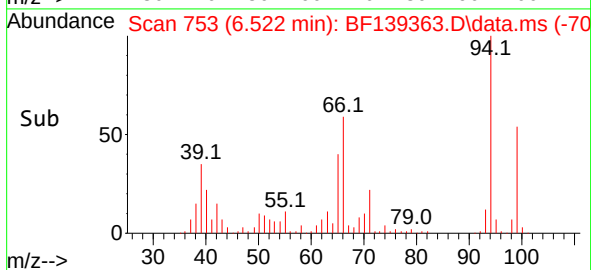
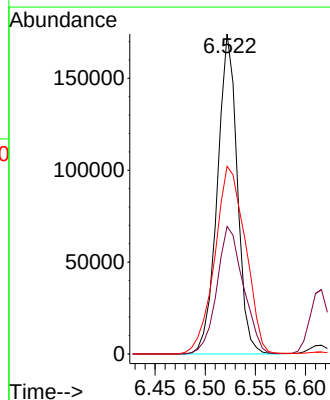
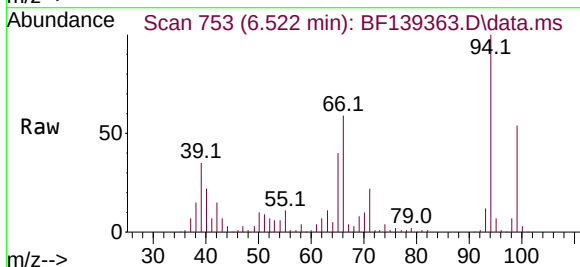
Tgt Ion: 94 Resp: 240398

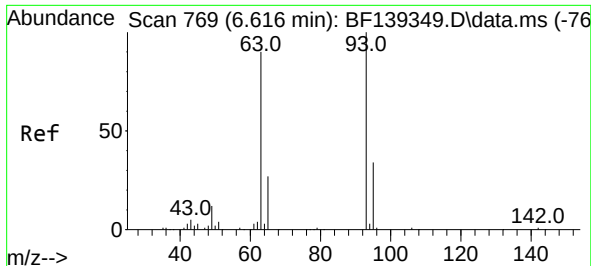
Ion Ratio Lower Upper

94 100

65 39.9 17.6 57.6

66 58.7 35.2 75.2

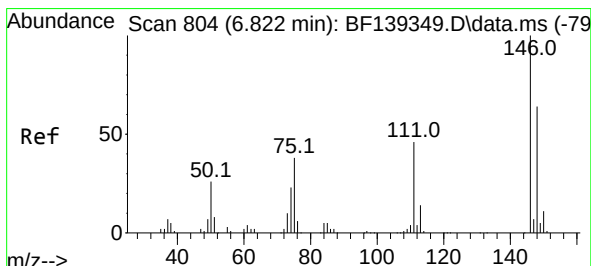
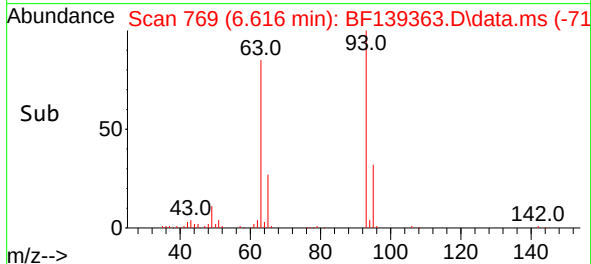
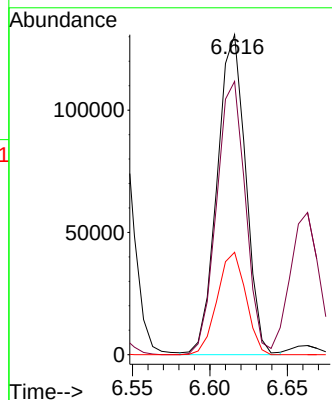
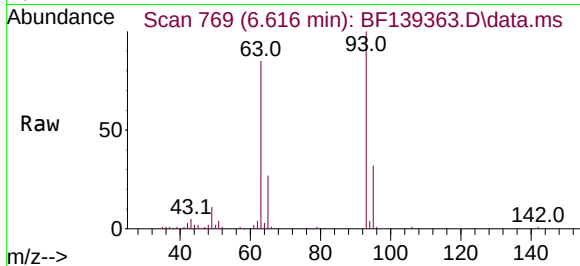




#11
bis(2-Chloroethyl)ether
Concen: 46.165 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

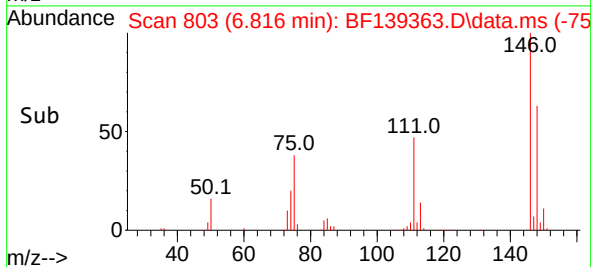
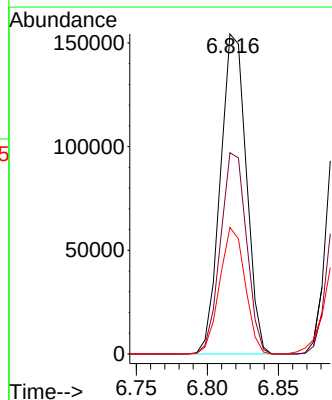
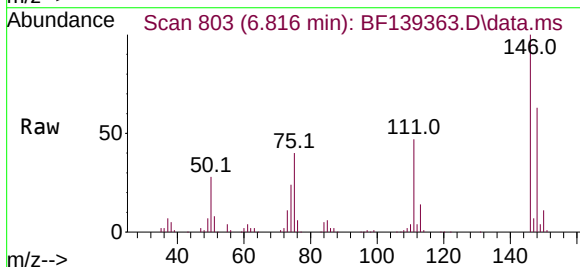
Instrument :
BNA_F
ClientSampleId :
PB163344BS

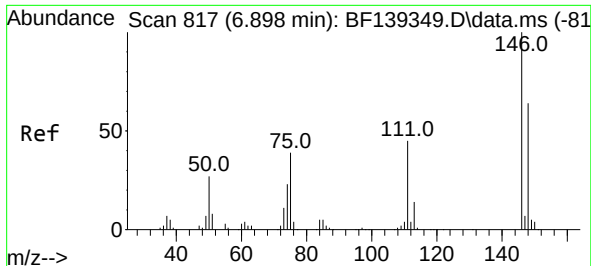
Tgt Ion: 93 Resp: 167780
Ion Ratio Lower Upper
93 100
63 85.4 65.3 105.3
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.725 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion: 146 Resp: 195656
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 39.6 30.6 46.0

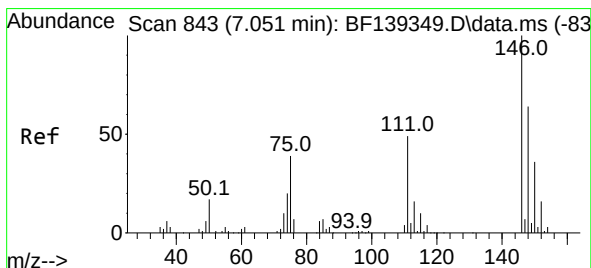
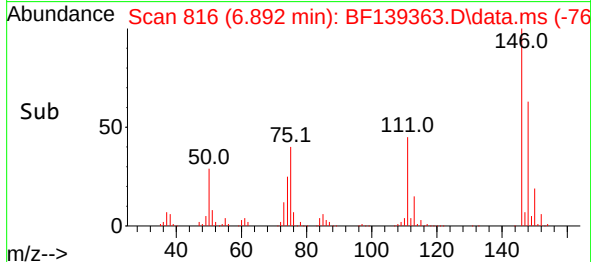
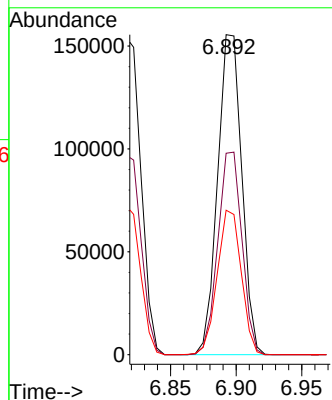
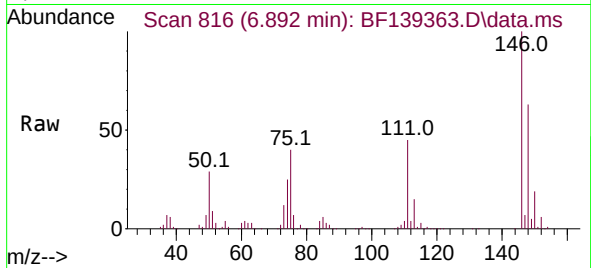




#13
1,4-Dichlorobenzene
Concen: 47.091 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

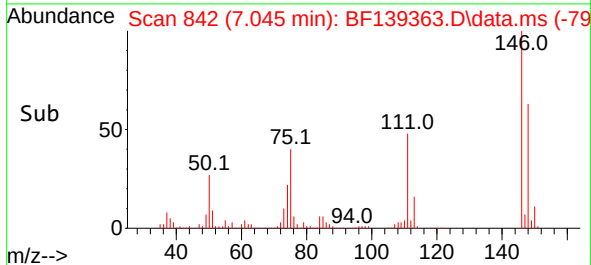
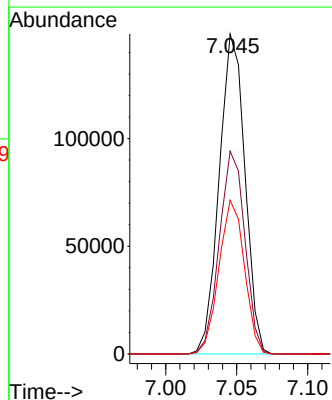
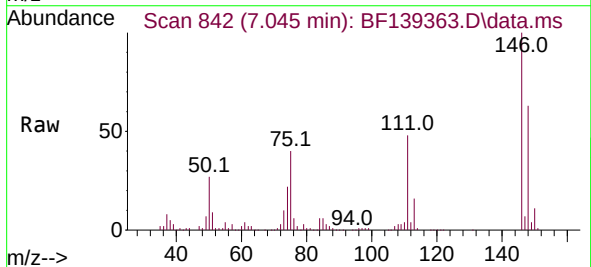
Instrument :
BNA_F
ClientSampleId :
PB163344BS

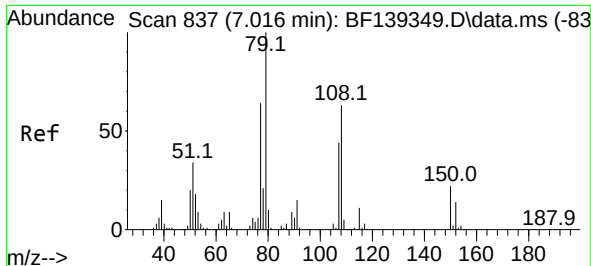
Tgt Ion:146 Resp: 199271
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 45.2 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 46.756 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:146 Resp: 186952
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 48.0 38.9 58.3

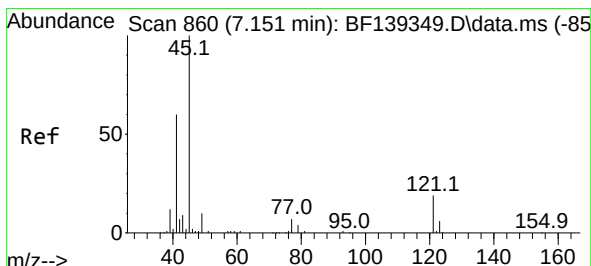
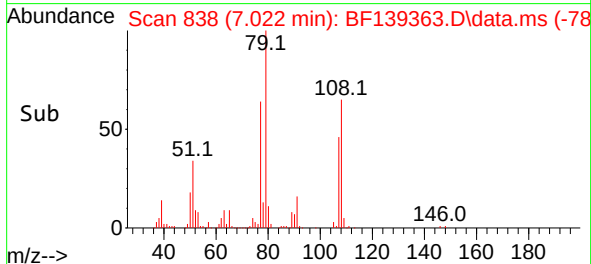
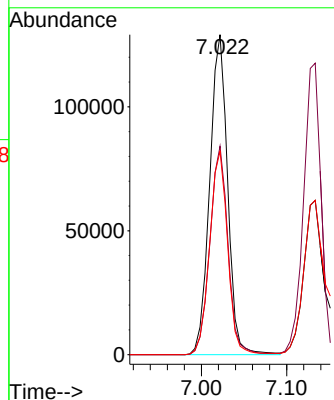
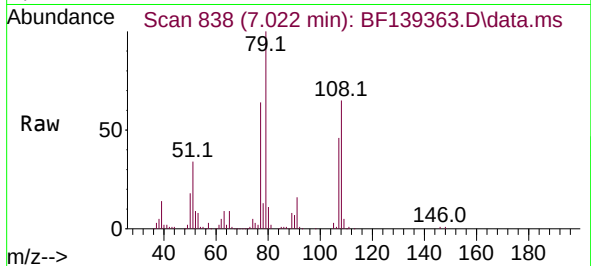




#15
Benzyl Alcohol
Concen: 50.292 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

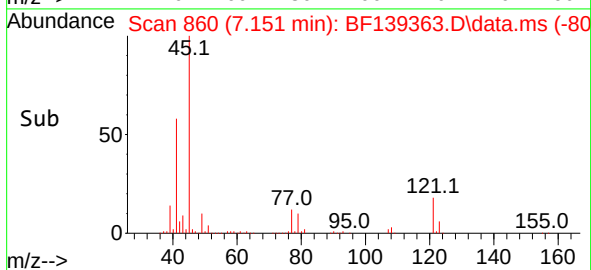
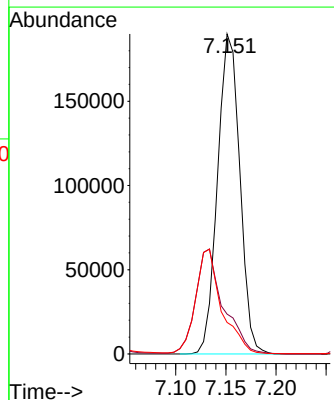
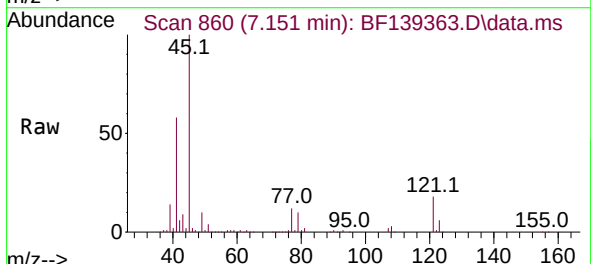
Instrument :
BNA_F
ClientSampleId :
PB163344BS

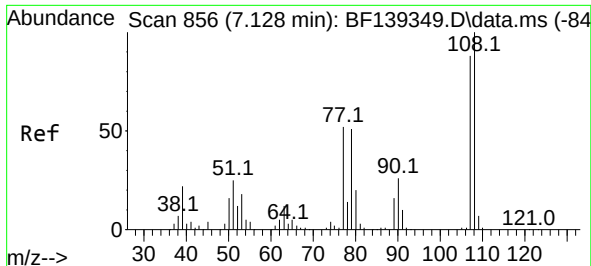
Tgt Ion: 79 Resp: 188381
Ion Ratio Lower Upper
79 100
108 65.1 50.4 75.6
77 63.6 51.4 77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.312 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion: 45 Resp: 293004
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.0
79 9.9 0.0 29.1

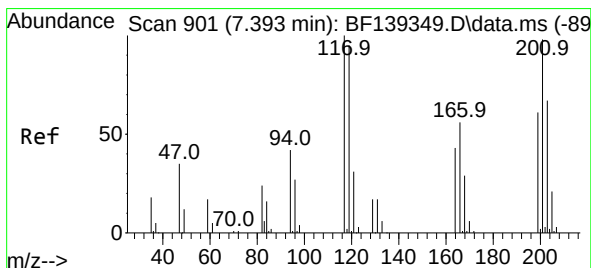
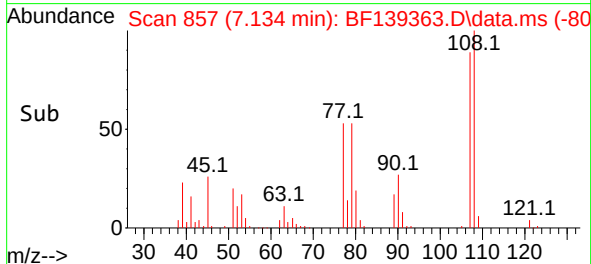
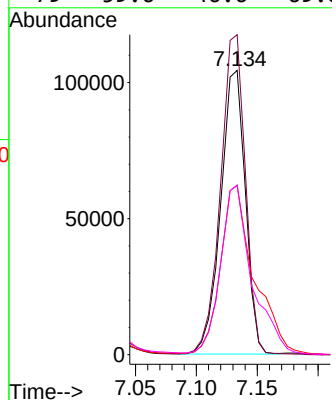
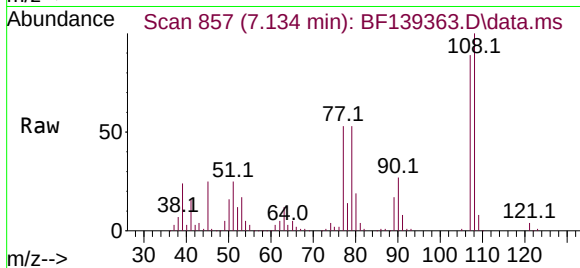




#17
2-Methylphenol
Concen: 50.248 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

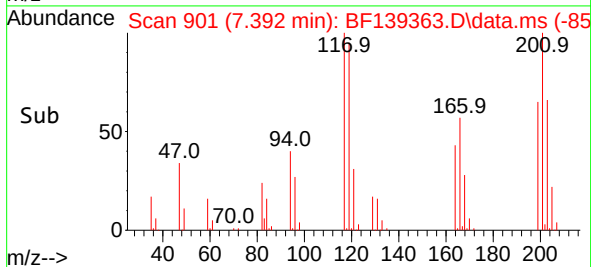
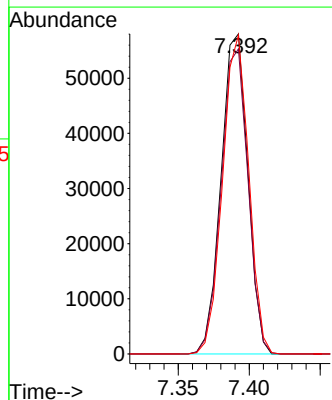
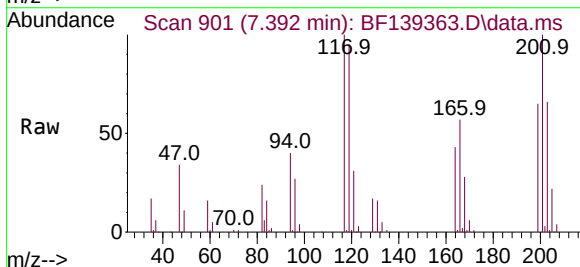
Instrument :
BNA_F
ClientSampleId :
PB163344BS

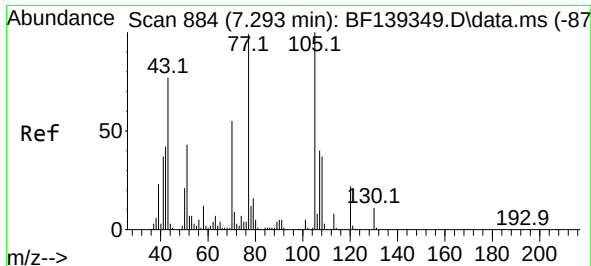
Tgt Ion:107 Resp: 146993
Ion Ratio Lower Upper
107 100
108 112.6 90.5 135.7
77 59.6 47.1 70.7
79 59.6 46.6 69.8



#18
Hexachloroethane
Concen: 47.074 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:117 Resp: 75872
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 99.6 78.6 118.0

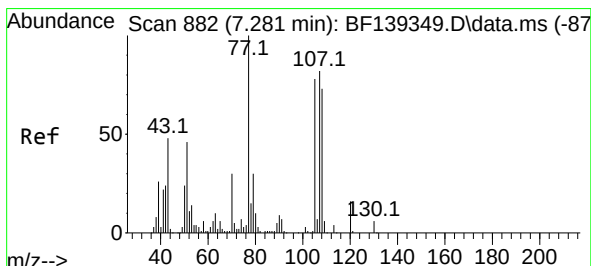
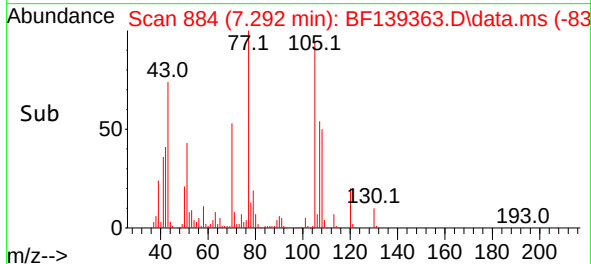
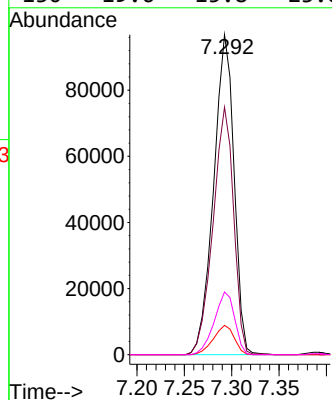
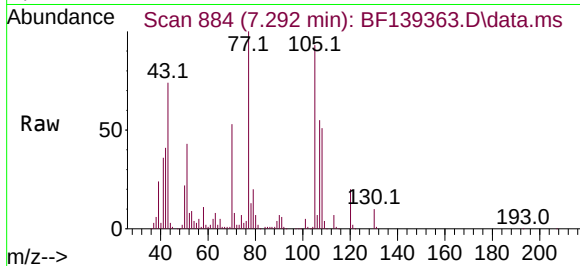




#19
n-Nitroso-di-n-propylamine
Concen: 52.265 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

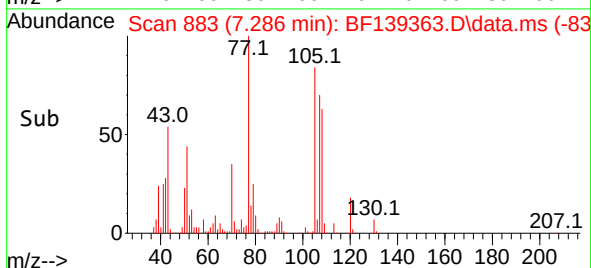
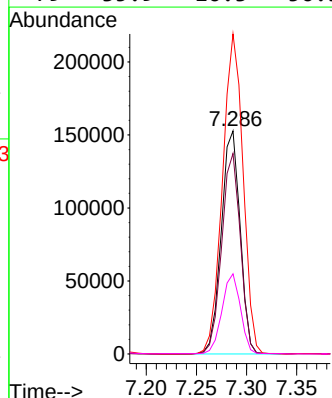
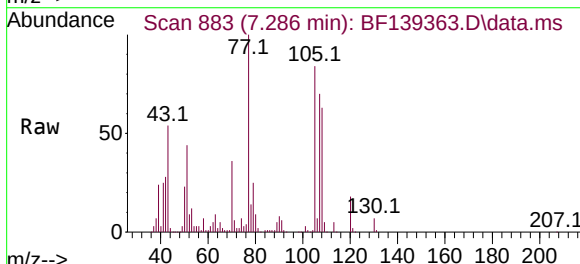
Instrument :
BNA_F
ClientSampleId :
PB163344BS

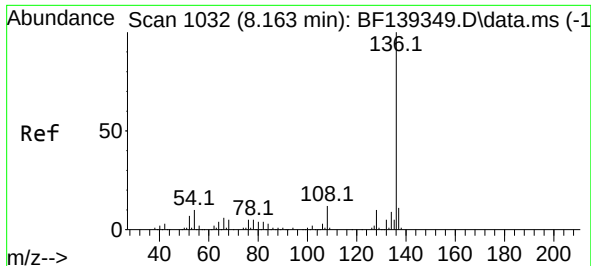
Tgt Ion:	70	Resp:	145409
Ion	Ratio	Lower	Upper
70	100		
42	77.3	61.2	91.8
101	9.2	7.5	11.3
130	19.6	15.8	23.8



#20
3+4-Methylphenols
Concen: 49.953 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

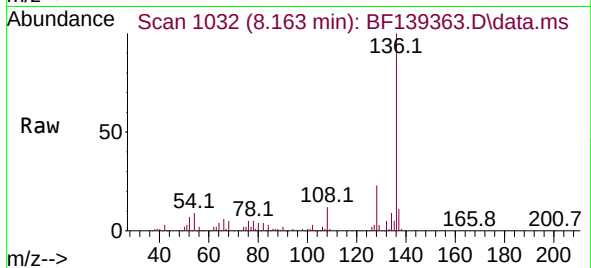
Tgt Ion:	107	Resp:	199369
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.6	108.6
77	143.5	101.6	141.6#
79	35.9	16.3	56.3





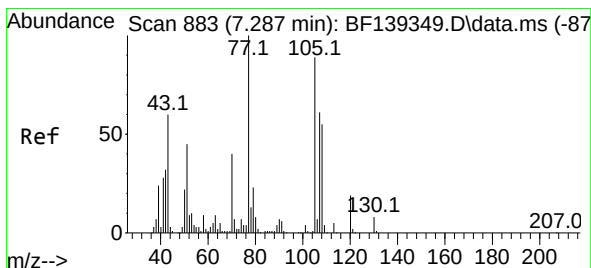
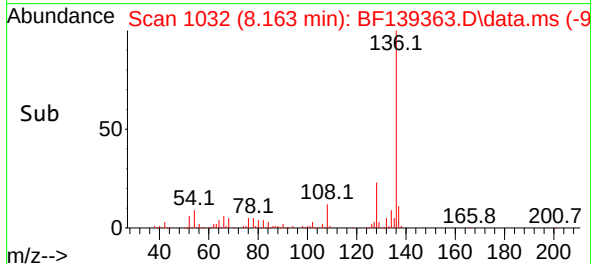
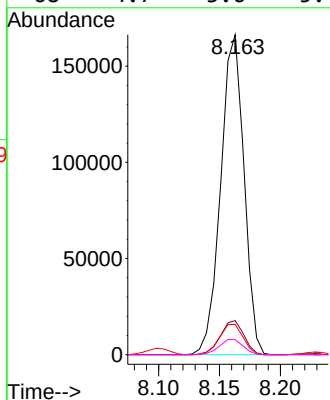
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB163344BS



Tgt Ion:136 Resp: 221337

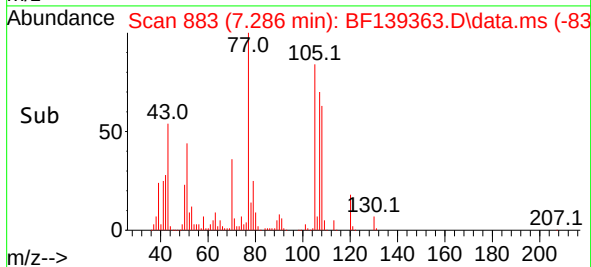
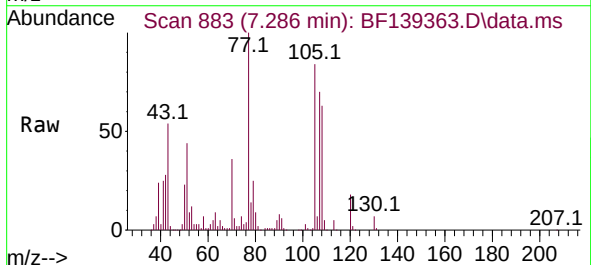
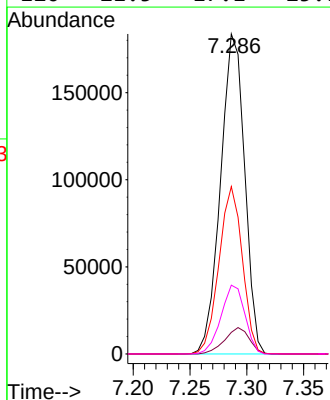
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.4	7.8	11.8
68	4.7	3.6	5.4

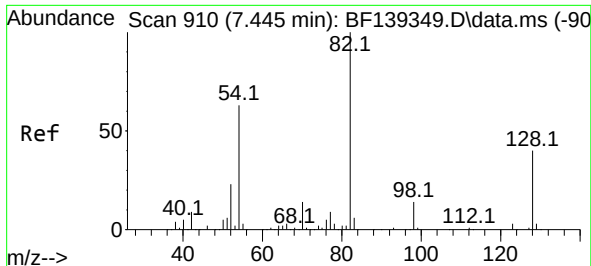


#22
Acetophenone
Concen: 46.874 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:105 Resp: 271231

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.9	8.9
51	52.3	40.0	60.0
120	21.5	17.1	25.7





#23

Nitrobenzene-d5

Concen: 93.818 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

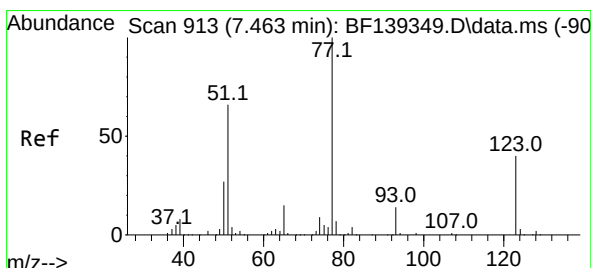
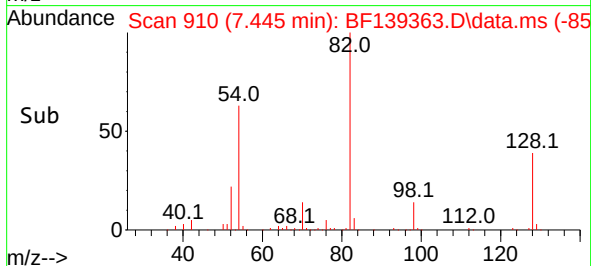
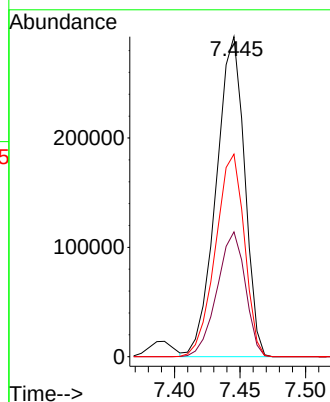
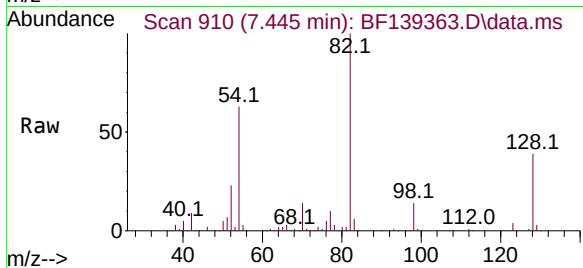
Tgt Ion: 82 Resp: 441710

Ion Ratio Lower Upper

82 100

128 39.0 31.8 47.6

54 63.3 50.6 75.8



#24

Nitrobenzene

Concen: 45.621 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

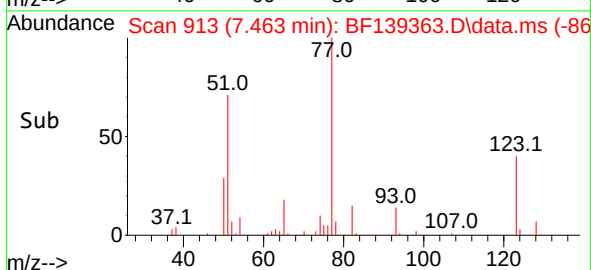
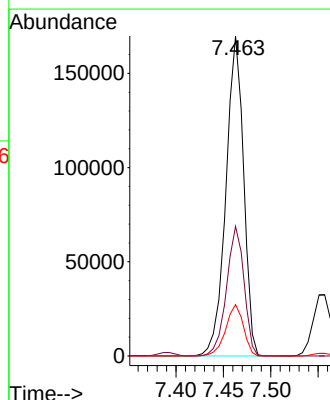
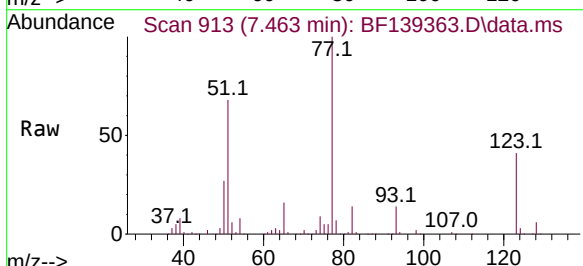
Tgt Ion: 77 Resp: 221066

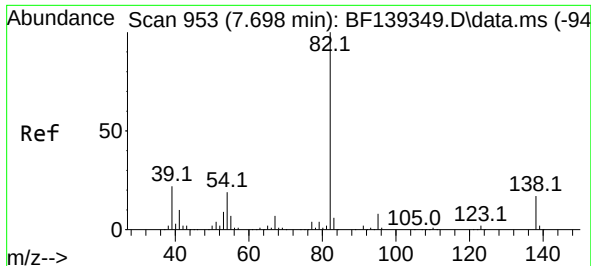
Ion Ratio Lower Upper

77 100

123 40.5 32.2 48.4

65 16.0 12.2 18.4

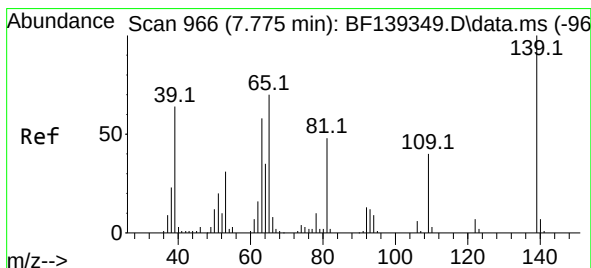
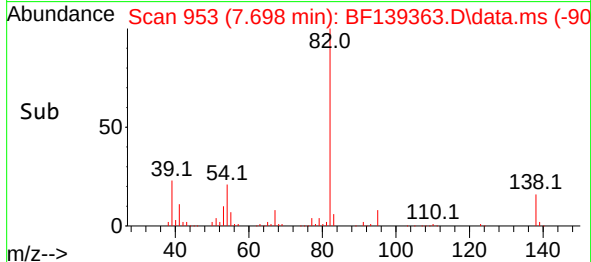
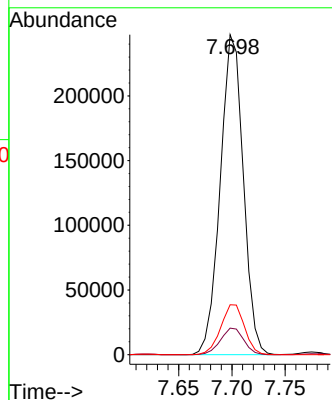
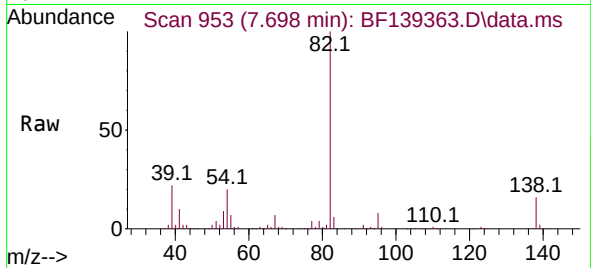




#25
Isophorone
Concen: 49.981 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

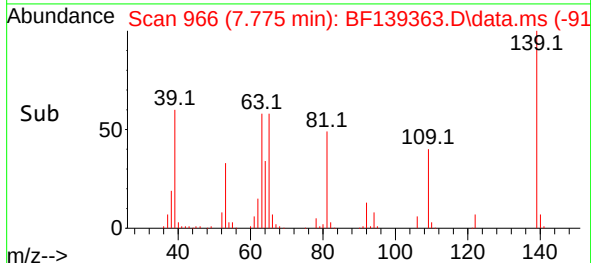
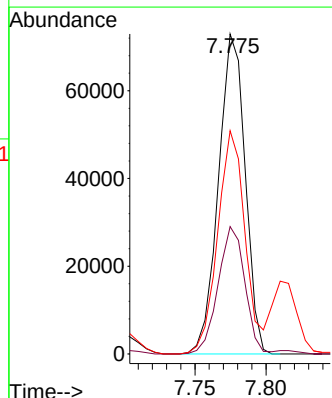
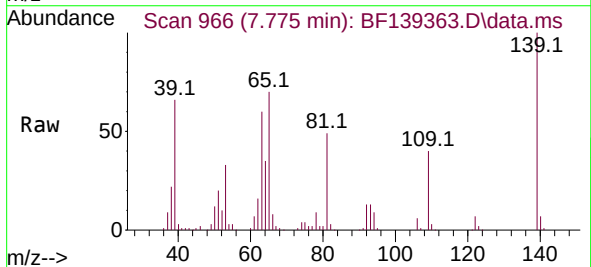
Instrument :
BNA_F
ClientSampleId :
PB163344BS

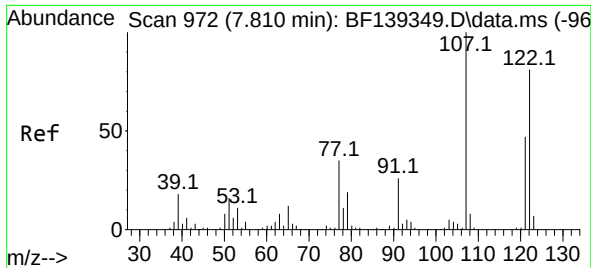
Tgt Ion: 82 Resp: 372155
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 15.6 13.3 19.9



#26
2-Nitrophenol
Concen: 50.549 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:139 Resp: 95429
Ion Ratio Lower Upper
139 100
109 39.8 32.2 48.2
65 69.8 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 68.146 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

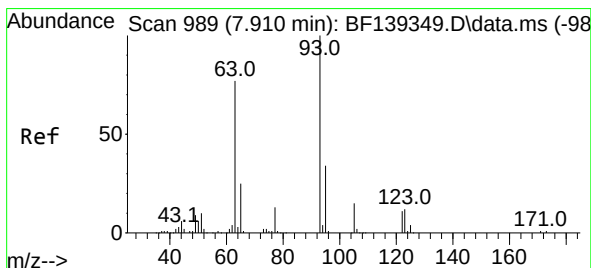
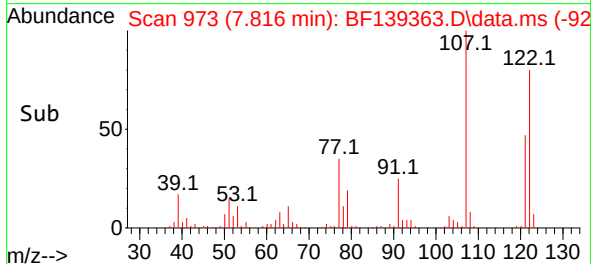
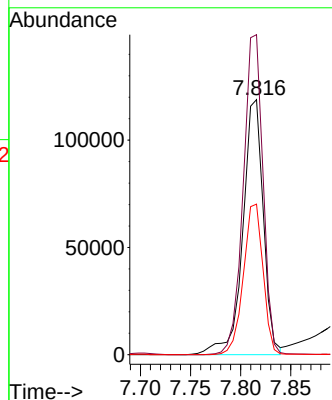
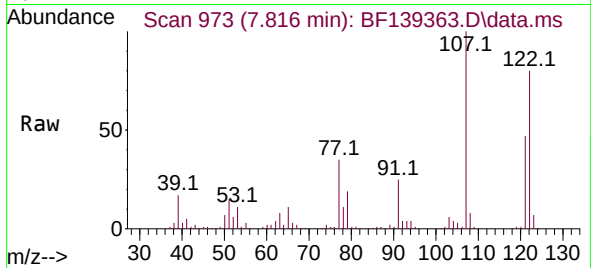
Tgt Ion:122 Resp: 169700

Ion Ratio Lower Upper

122 100

107 125.5 99.1 148.7

121 59.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.625 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

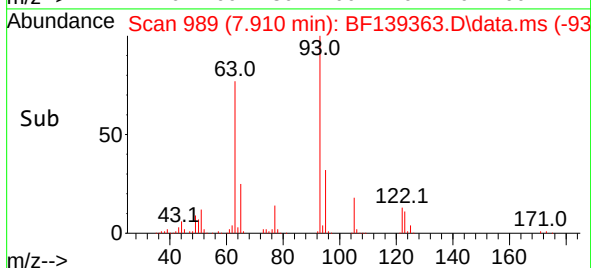
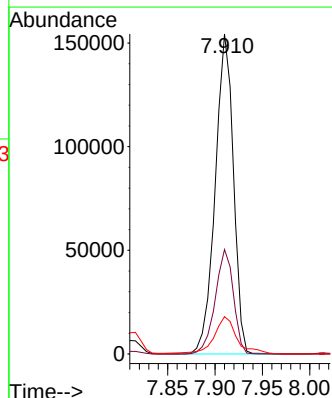
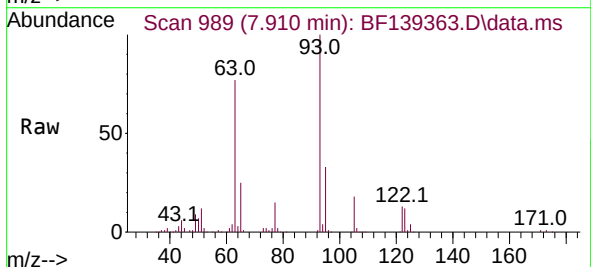
Tgt Ion: 93 Resp: 206348

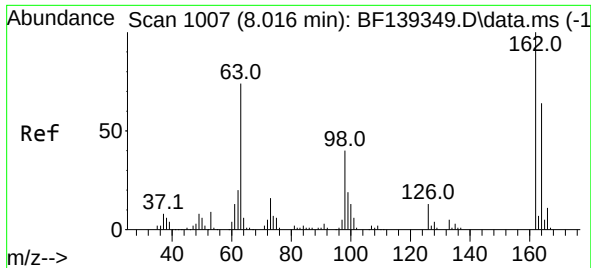
Ion Ratio Lower Upper

93 100

95 32.7 26.9 40.3

123 11.7 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 48.560 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

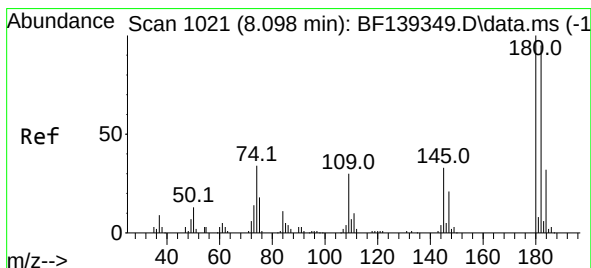
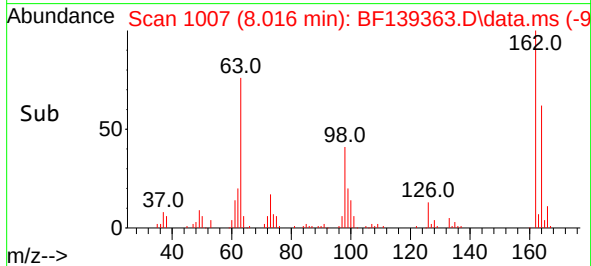
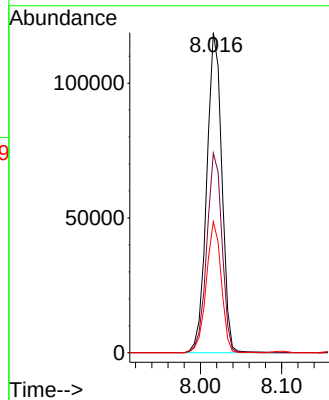
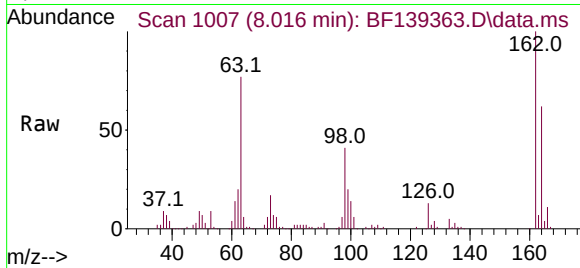
Tgt Ion:162 Resp: 153622

Ion Ratio Lower Upper

162 100

164 62.3 43.6 83.6

98 41.0 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 45.088 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

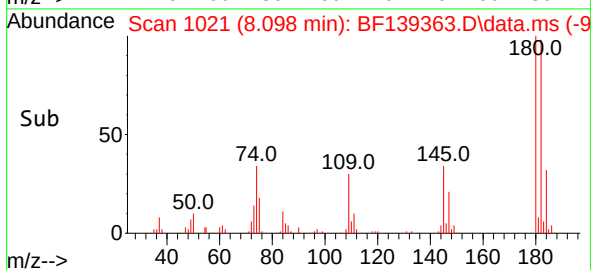
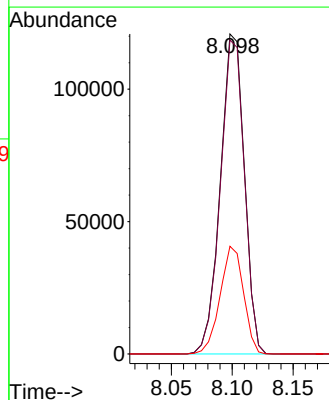
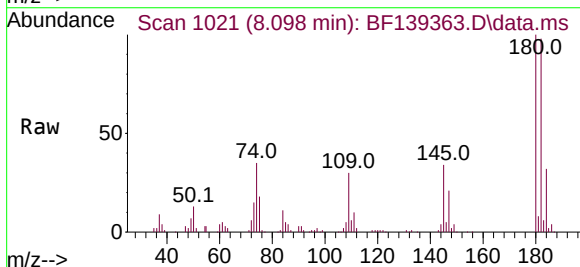
Tgt Ion:180 Resp: 166197

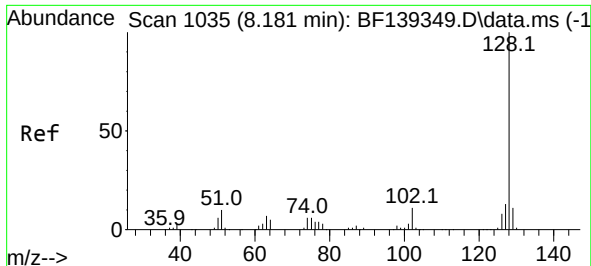
Ion Ratio Lower Upper

180 100

182 98.1 75.7 113.5

145 33.6 26.5 39.7

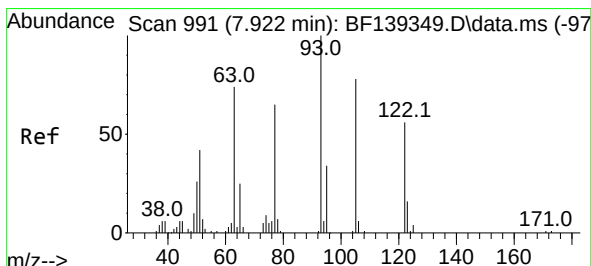
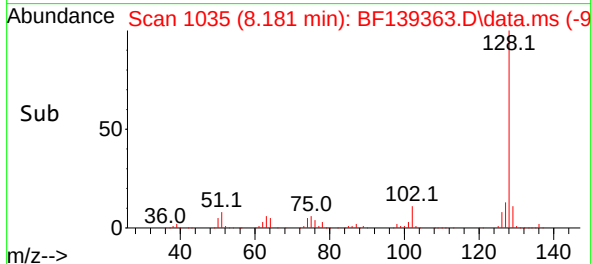
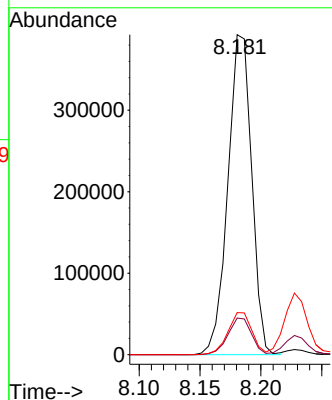
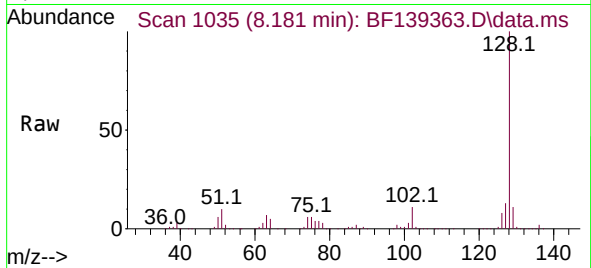




#31
Naphthalene
Concen: 46.220 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

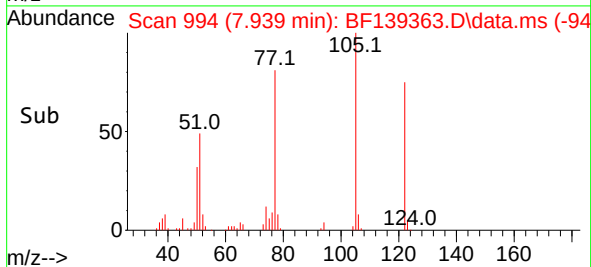
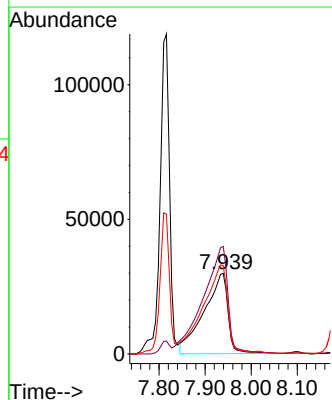
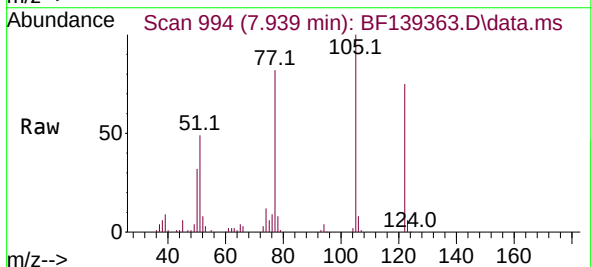
Instrument :
BNA_F
ClientSampleId :
PB163344BS

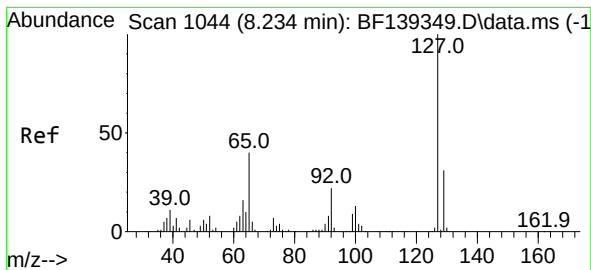
Tgt Ion:128 Resp: 534073
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 46.303 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:122 Resp: 107906
Ion Ratio Lower Upper
122 100
105 133.4 117.1 157.1
77 109.6 95.4 135.4





#33

4-Chloroaniline

Concen: 28.825 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

Tgt Ion:127 Resp: 101895

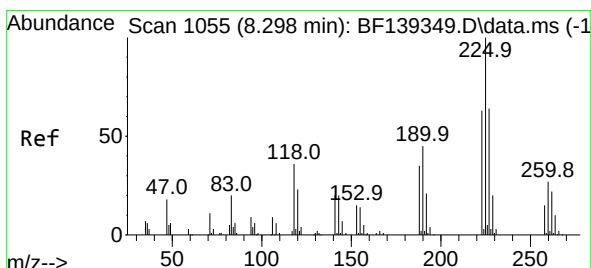
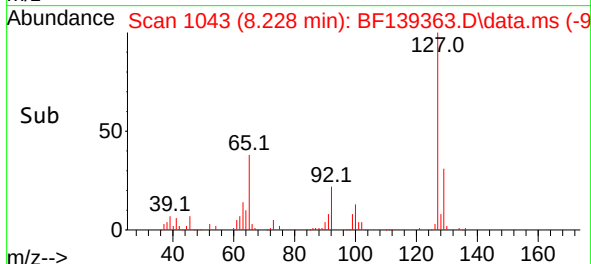
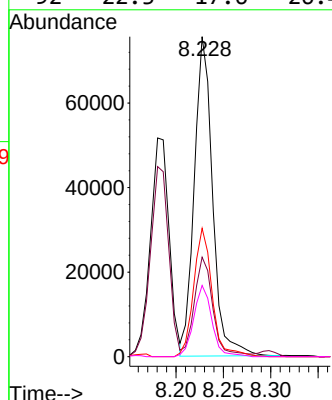
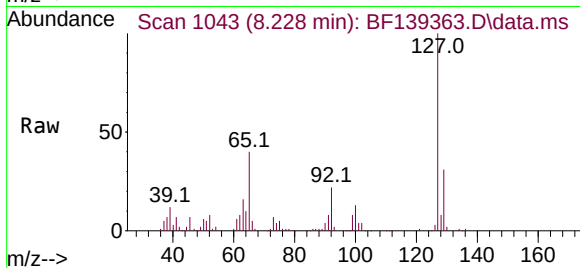
Ion Ratio Lower Upper

127 100

129 31.1 25.5 38.3

65 40.1 31.5 47.3

92 22.3 17.6 26.4



#34

Hexachlorobutadiene

Concen: 44.139 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

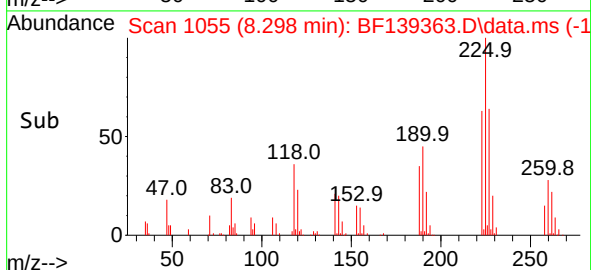
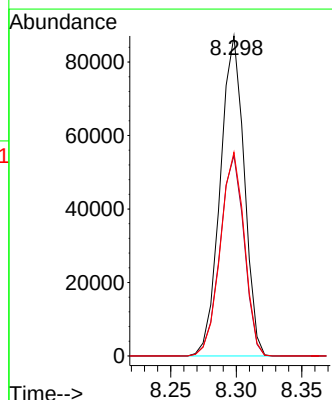
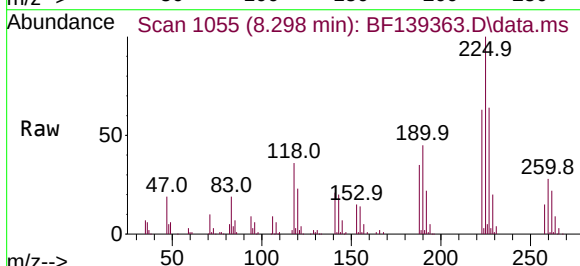
Tgt Ion:225 Resp: 110538

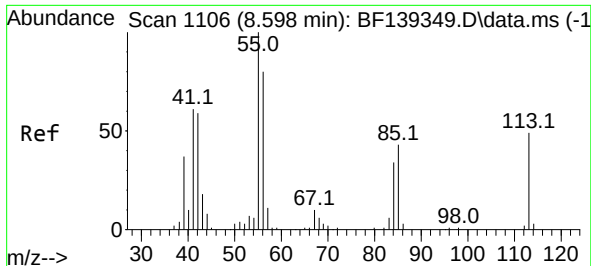
Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

227 63.6 51.0 76.6

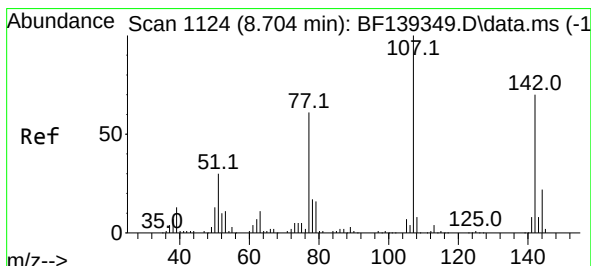
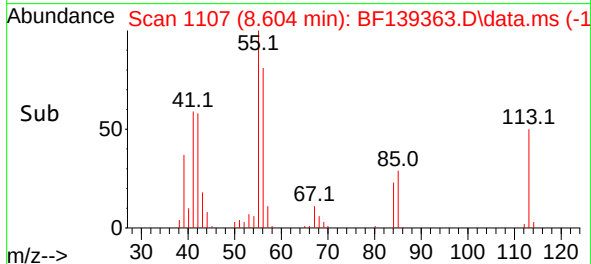
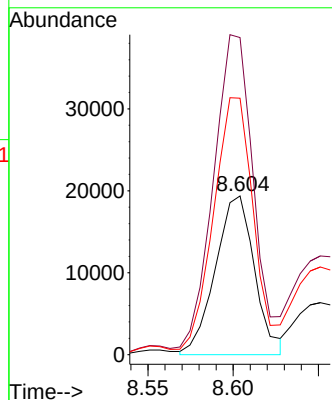
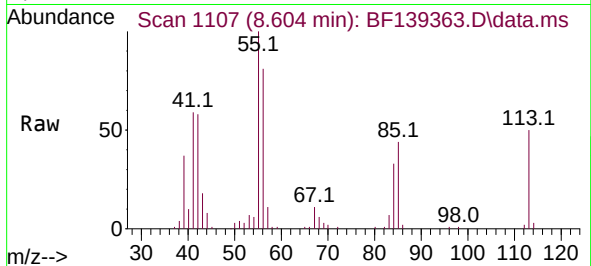




#35
 Caprolactam
 Concen: 31.808 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19

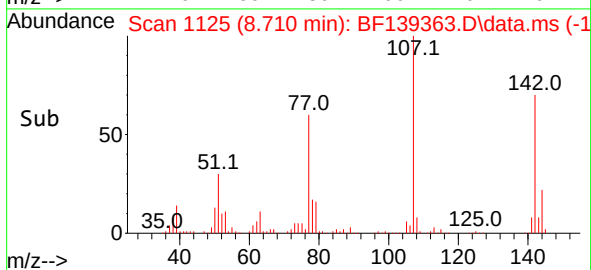
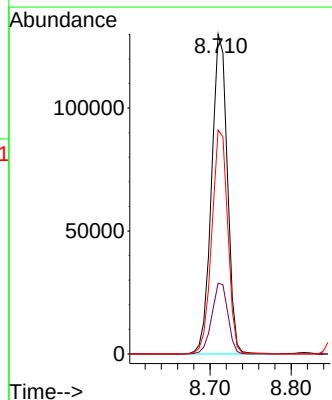
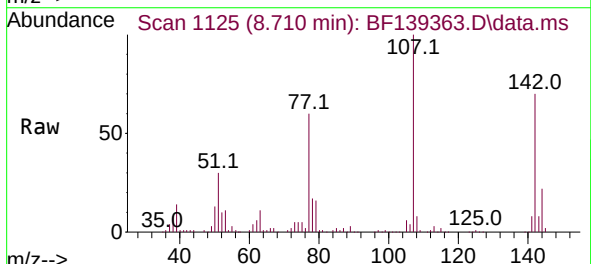
Instrument :
 BNA_F
 ClientSampleId :
 PB163344BS

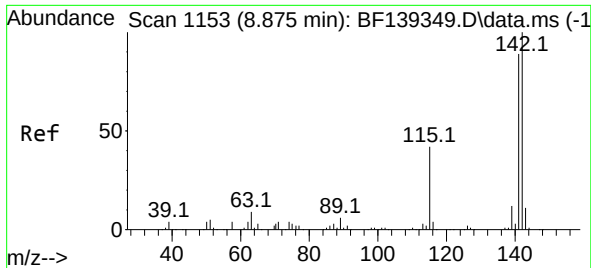
Tgt Ion:113 Resp: 30954
 Ion Ratio Lower Upper
 113 100
 55 199.8 186.1 226.1
 56 161.7 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.660 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19

Tgt Ion:107 Resp: 175932
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.5 26.3
 142 69.9 55.8 83.8

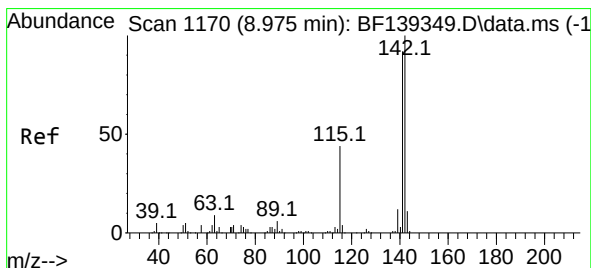
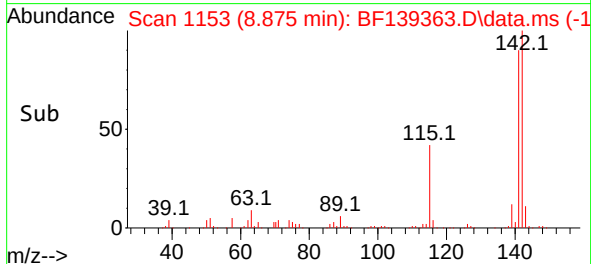
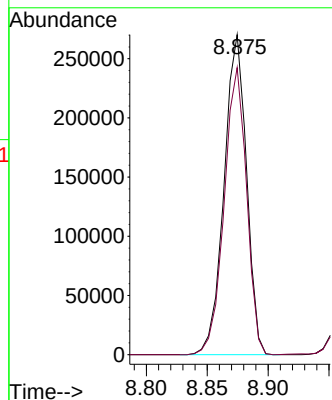
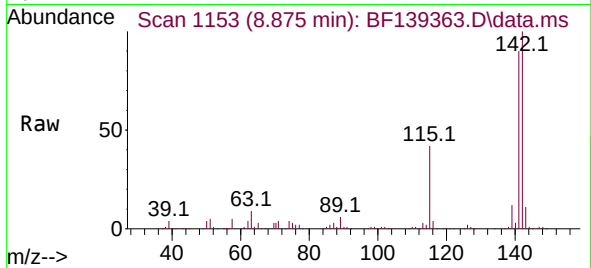




#37
2-Methylnaphthalene
Concen: 47.328 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

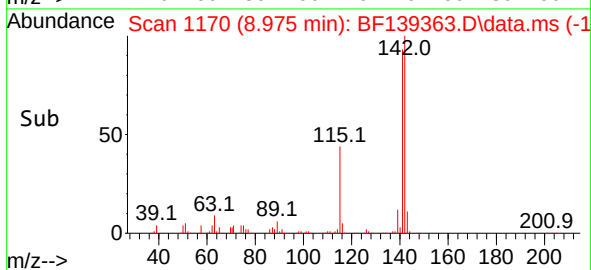
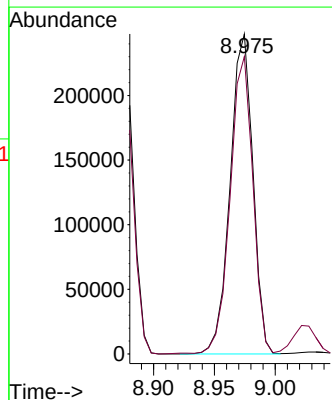
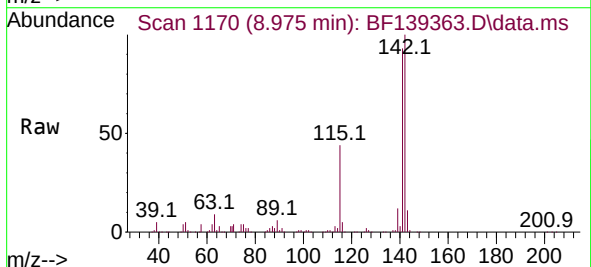
Instrument :
BNA_F
ClientSampleId :
PB163344BS

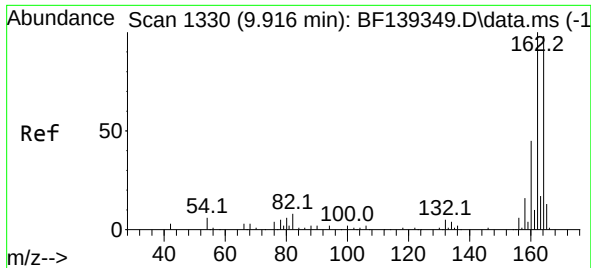
Tgt Ion:142 Resp: 347122
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4



#38
1-Methylnaphthalene
Concen: 44.626 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:142 Resp: 321336
Ion Ratio Lower Upper
142 100
141 92.9 73.2 109.8

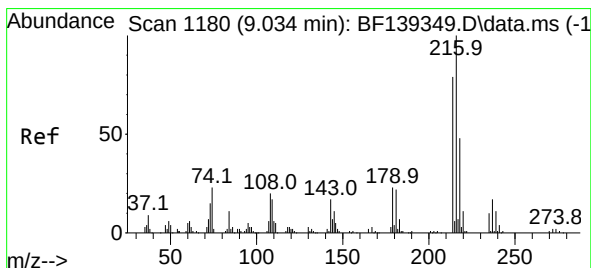
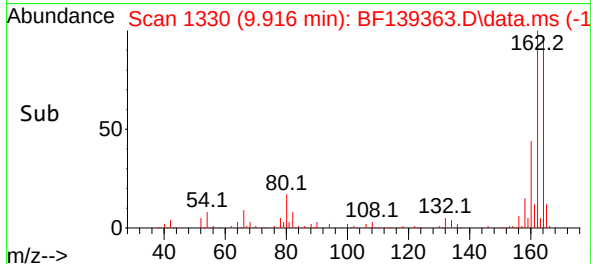
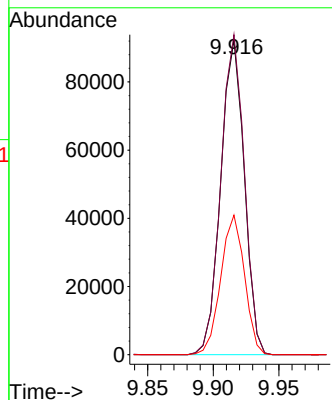
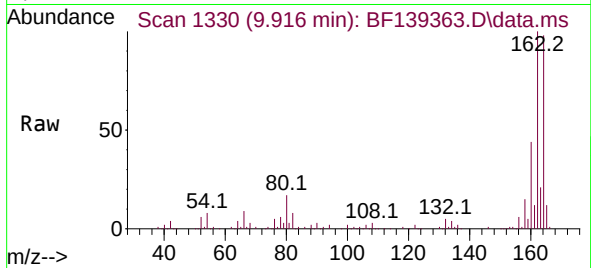




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

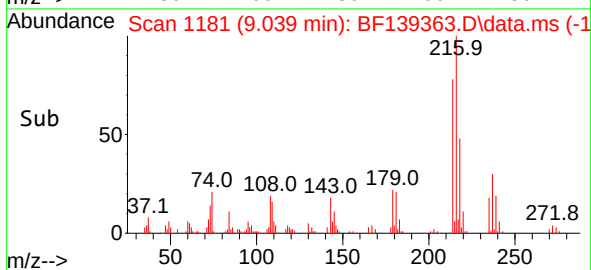
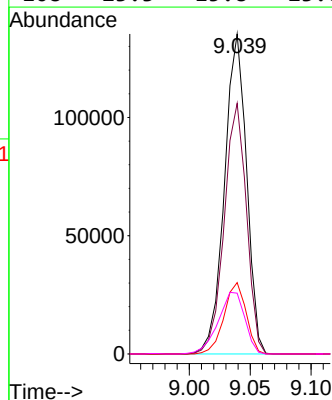
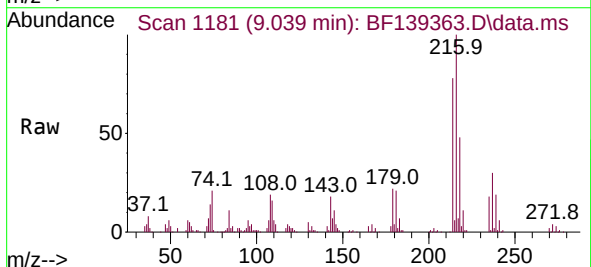
Instrument :
BNA_F
ClientSampleId :
PB163344BS

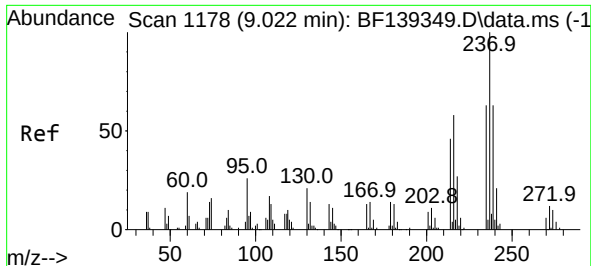
Tgt Ion:164 Resp: 115219
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.3 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.053 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

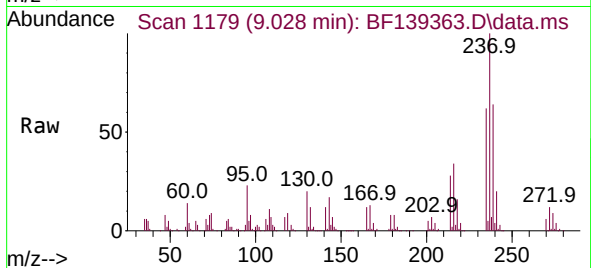
Tgt Ion:216 Resp: 170918
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 22.3 18.2 27.2
108 23.3 15.8 23.6



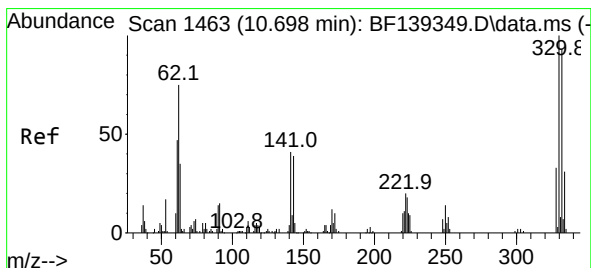
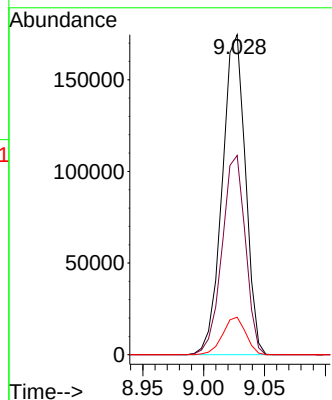
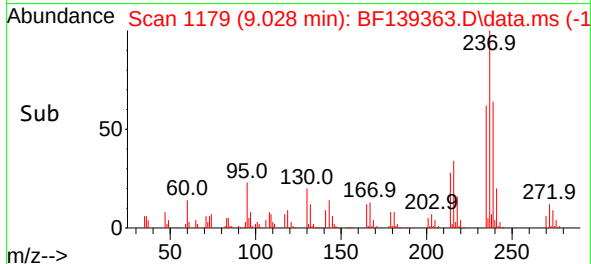


#41
Hexachlorocyclopentadiene
Concen: 194.069 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

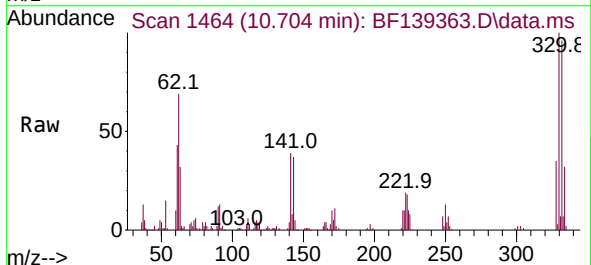
Instrument :
BNA_F
ClientSampleId :
PB163344BS



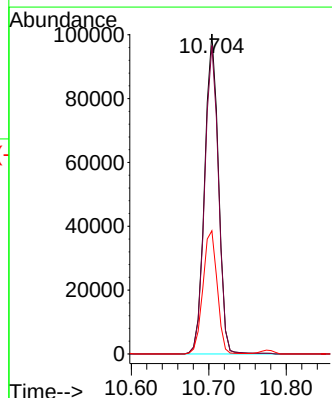
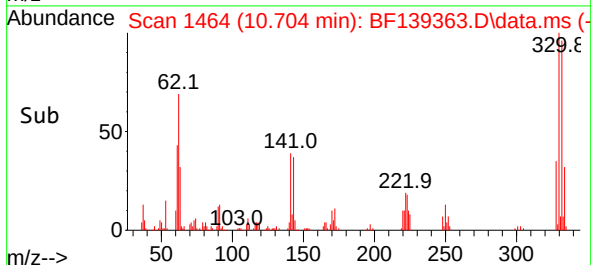
Tgt Ion:237 Resp: 231385
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 11.7 0.0 32.5

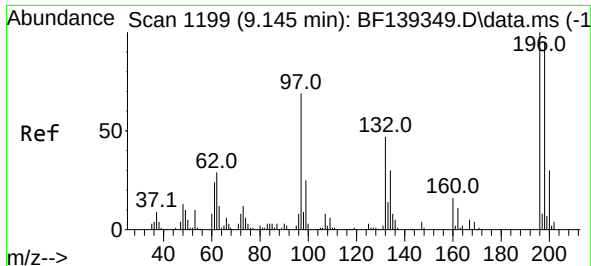


#42
2,4,6-Tribromophenol
Concen: 101.018 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19



Tgt Ion:330 Resp: 123913
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 39.8 31.2 46.8

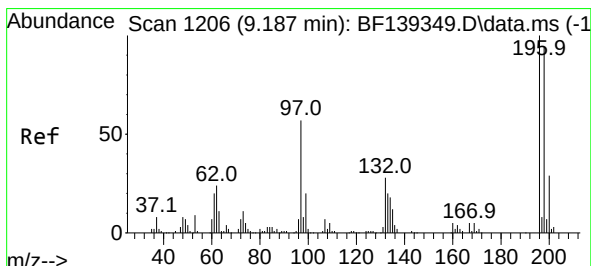
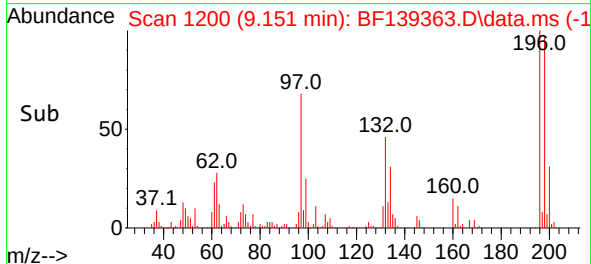
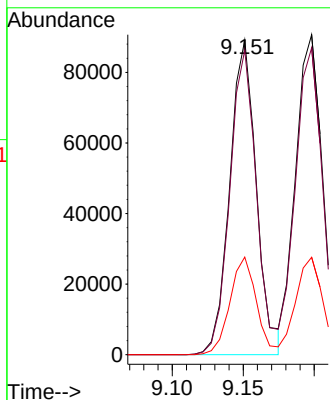
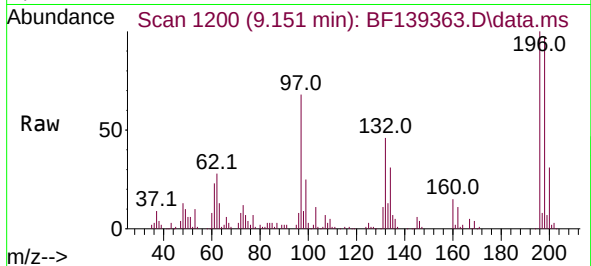




#43
2,4,6-Trichlorophenol
Concen: 52.537 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

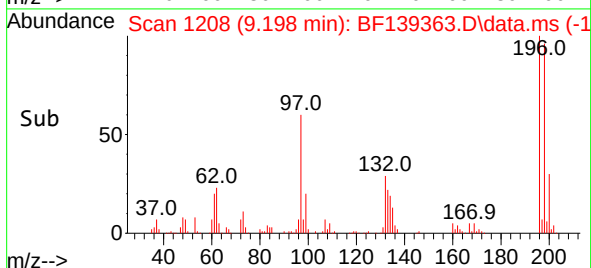
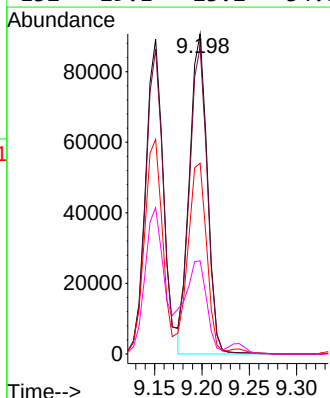
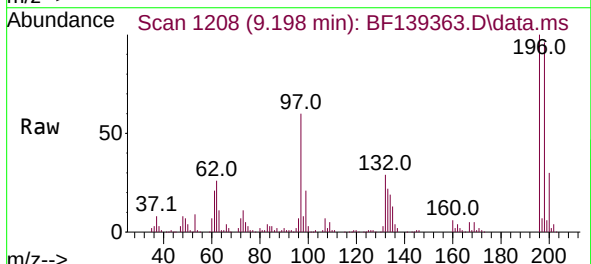
Instrument :
BNA_F
ClientSampleId :
PB163344BS

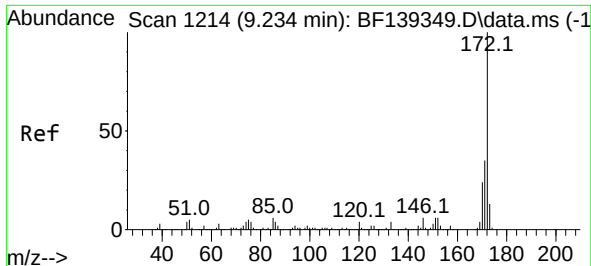
Tgt Ion:196 Resp: 116717
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.6
200 31.0 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 50.889 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:196 Resp: 119254
Ion Ratio Lower Upper
196 100
198 95.9 74.8 112.2
97 59.6 47.3 70.9
132 29.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 98.182 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

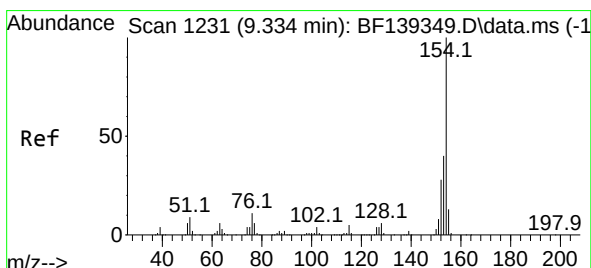
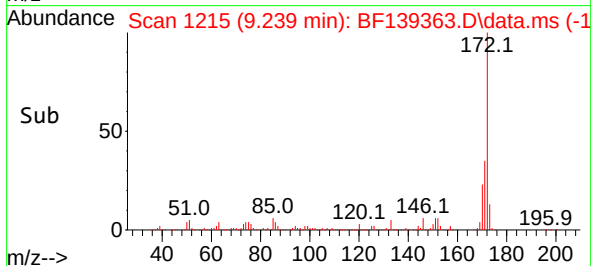
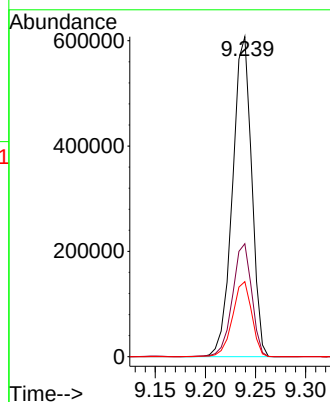
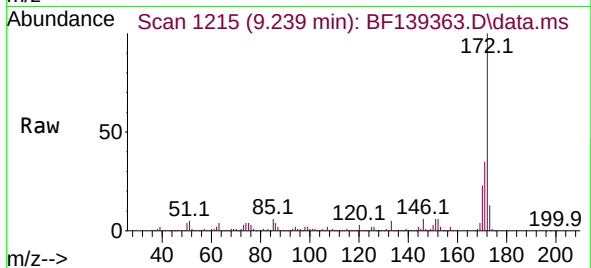
Tgt Ion:172 Resp: 806580

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.511 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

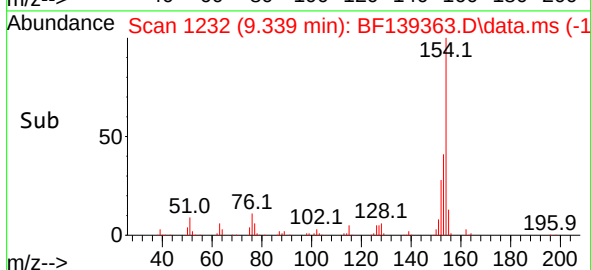
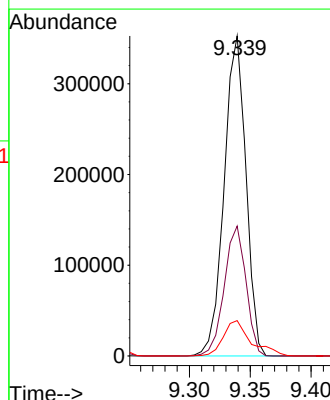
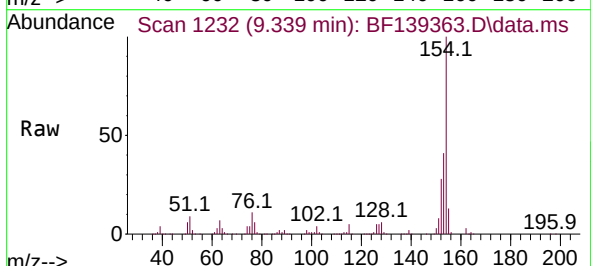
Tgt Ion:154 Resp: 438872

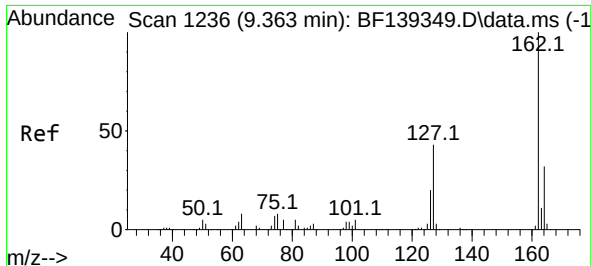
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 49.721 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

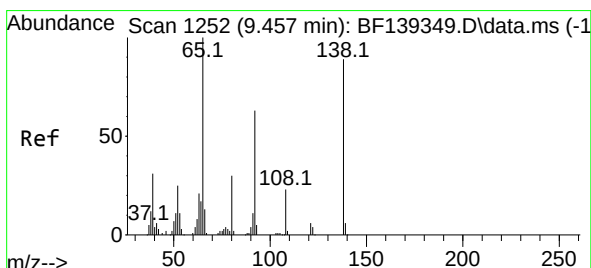
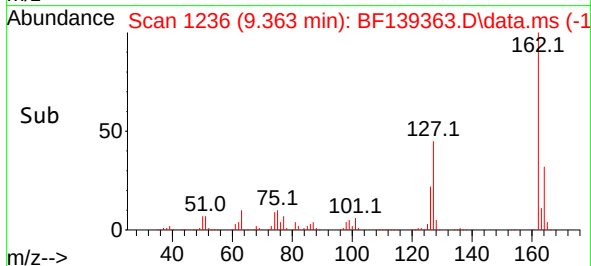
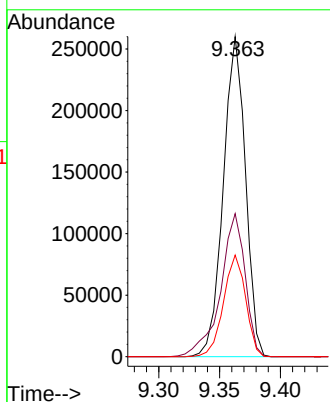
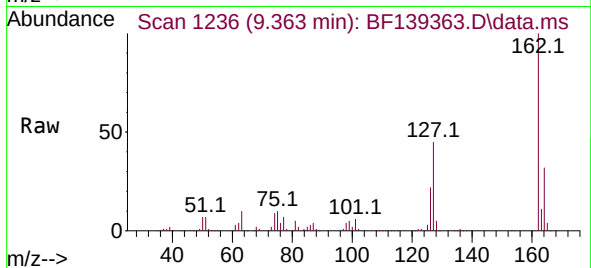
Tgt Ion:162 Resp: 329534

Ion Ratio Lower Upper

162 100

127 44.7 35.0 52.4

164 31.8 25.8 38.6



#48

2-Nitroaniline

Concen: 52.757 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

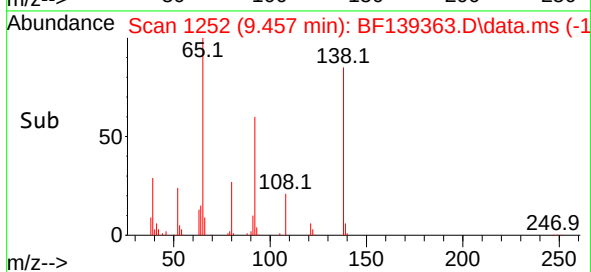
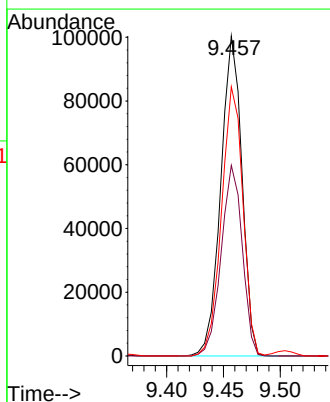
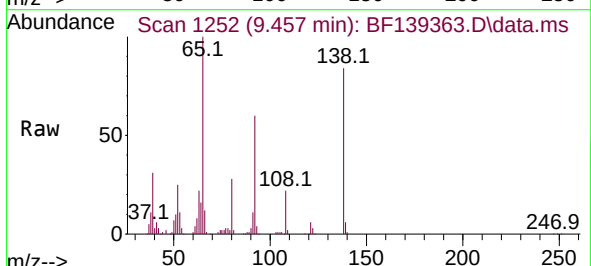
Tgt Ion: 65 Resp: 130053

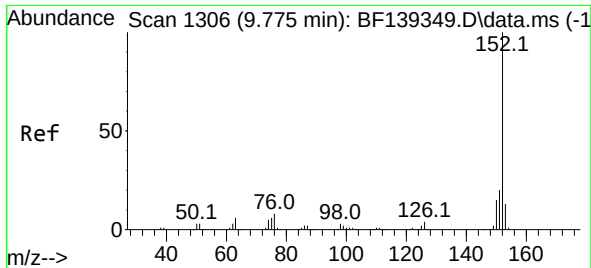
Ion Ratio Lower Upper

65 100

92 59.5 50.3 75.5

138 84.1 71.3 106.9

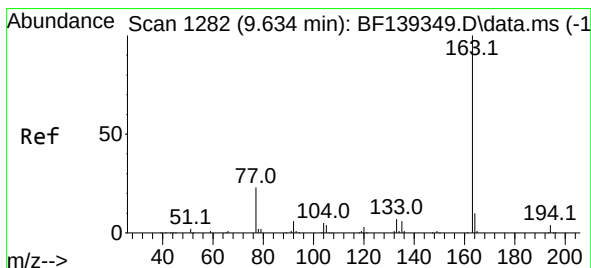
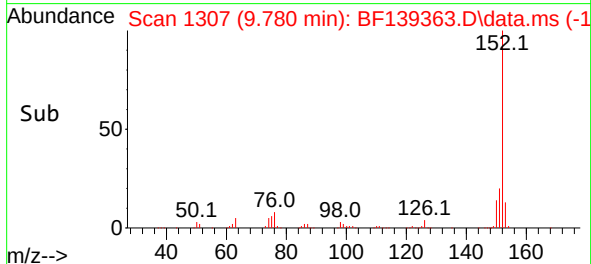
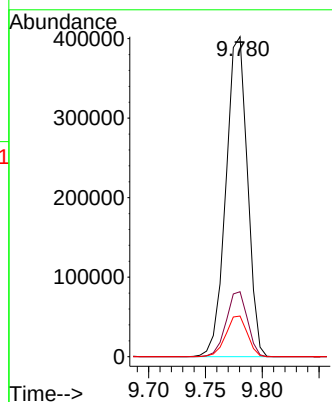
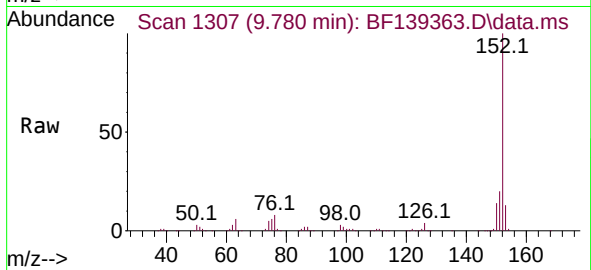




#49
Acenaphthylene
Concen: 53.005 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

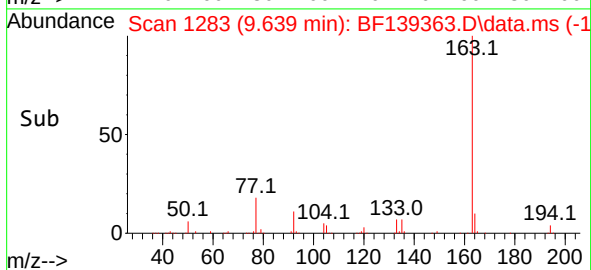
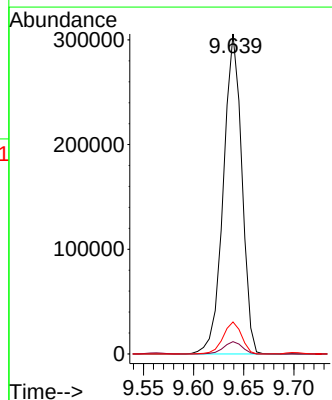
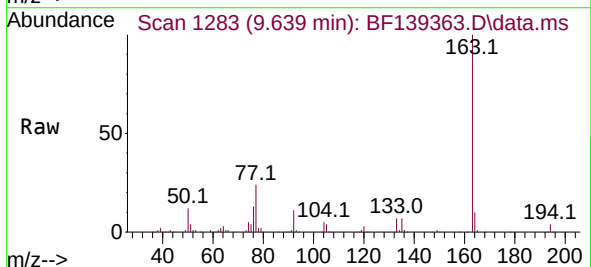
Instrument :
BNA_F
ClientSampleId :
PB163344BS

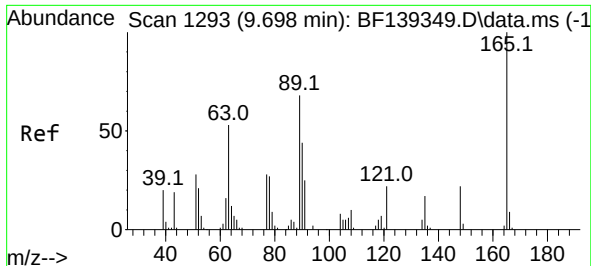
Tgt Ion:152 Resp: 528807
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 12.7 10.3 15.5



#50
Dimethylphthalate
Concen: 51.633 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:163 Resp: 390467
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2

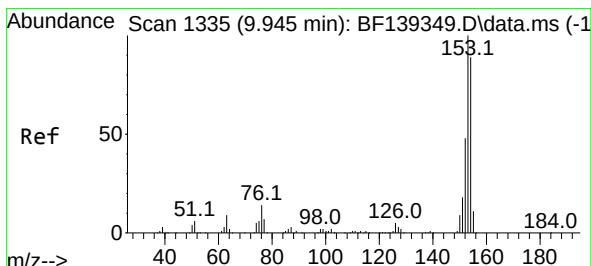
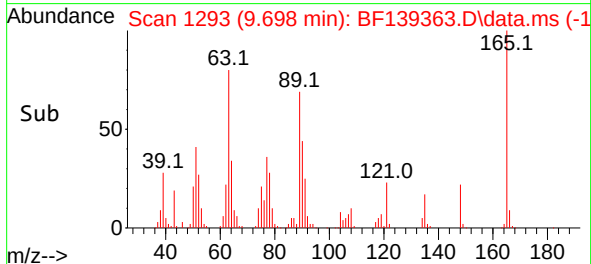
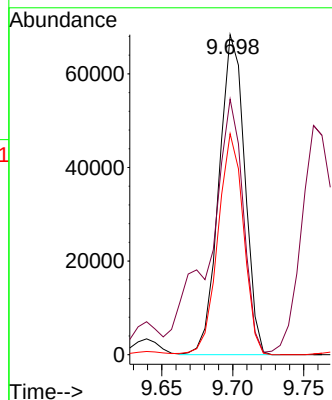
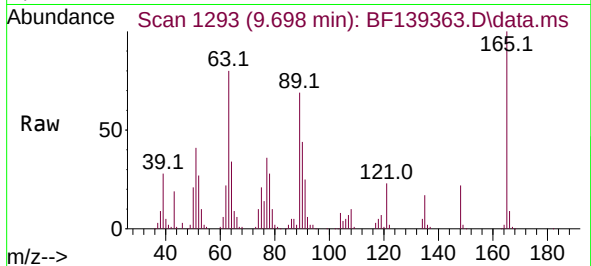




#51
2,6-Dinitrotoluene
Concen: 51.460 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

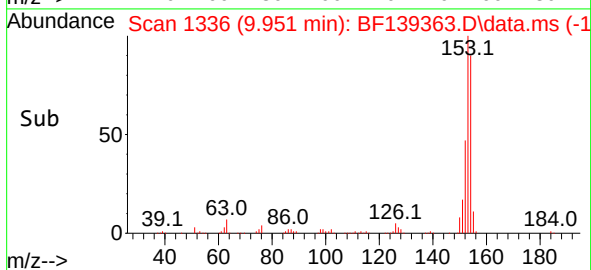
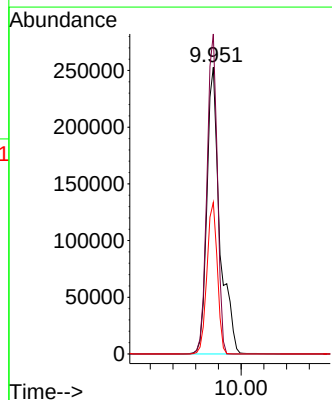
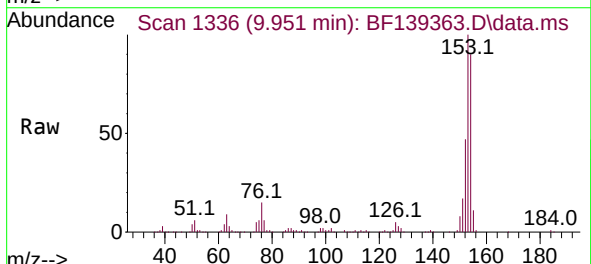
Instrument :
BNA_F
ClientSampleId :
PB163344BS

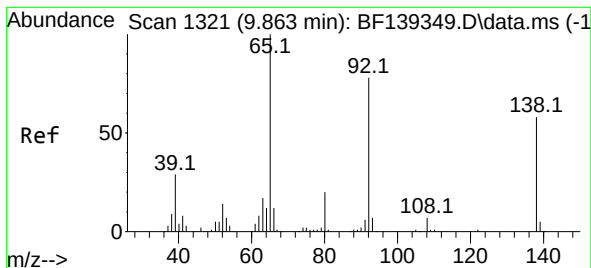
Tgt Ion:165 Resp: 86210
Ion Ratio Lower Upper
165 100
63 79.9 60.9 91.3
89 69.0 54.7 82.1



#52
Acenaphthene
Concen: 57.099 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:154 Resp: 397578
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 52.9 42.6 64.0





#53

3-Nitroaniline

Concen: 37.524 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

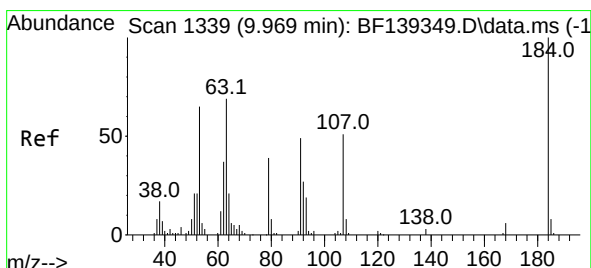
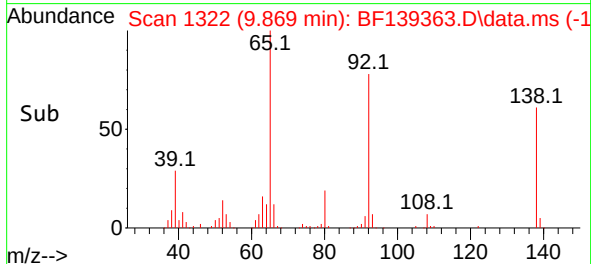
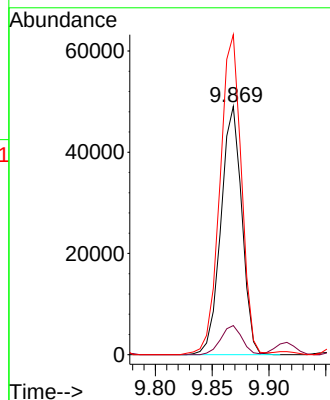
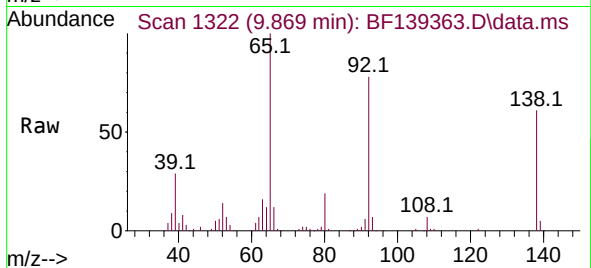
Tgt Ion:138 Resp: 62825

Ion Ratio Lower Upper

138 100

108 11.7 9.8 14.8

92 128.9 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 112.138 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

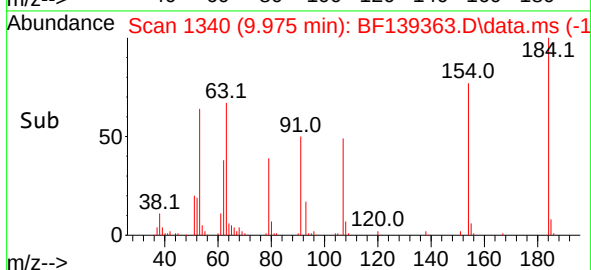
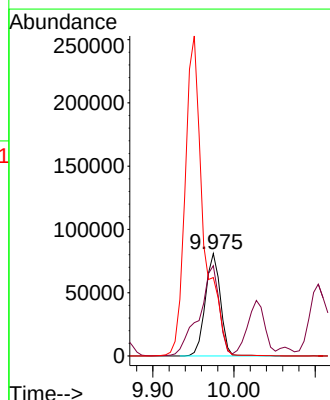
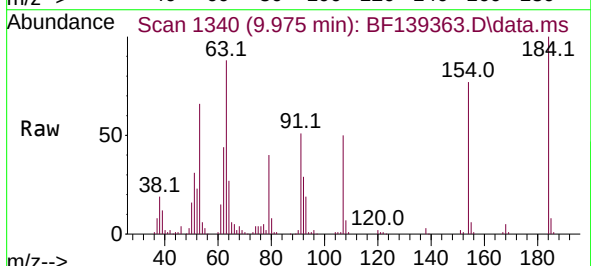
Tgt Ion:184 Resp: 104682

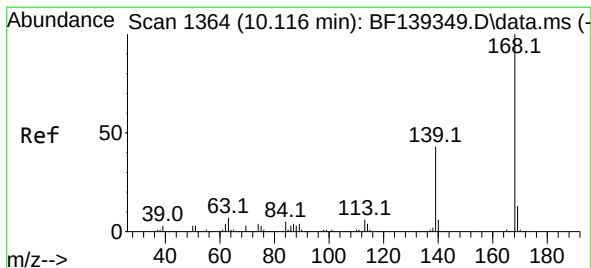
Ion Ratio Lower Upper

184 100

63 88.1 69.3 103.9

154 76.6 67.5 101.3





#55

Dibenzofuran

Concen: 51.178 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

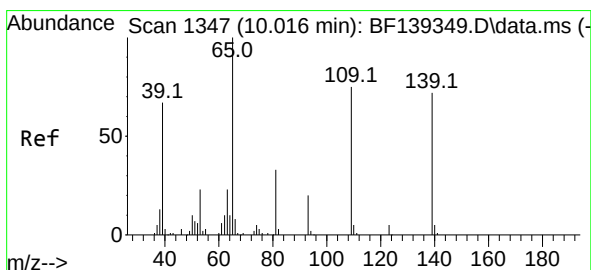
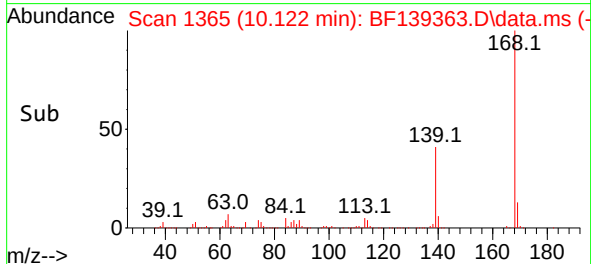
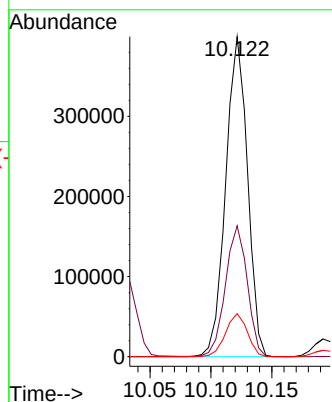
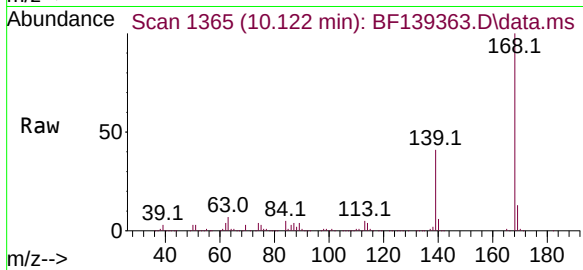
Tgt Ion:168 Resp: 496687

Ion Ratio Lower Upper

168 100

139 40.9 34.1 51.1

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 107.674 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

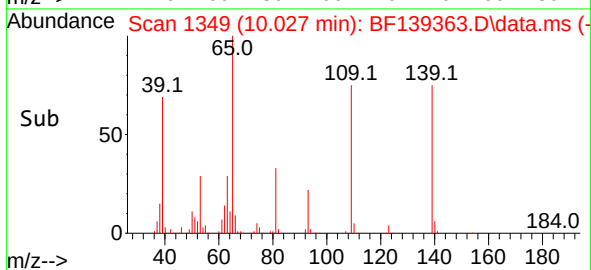
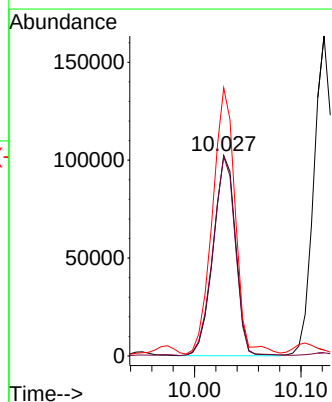
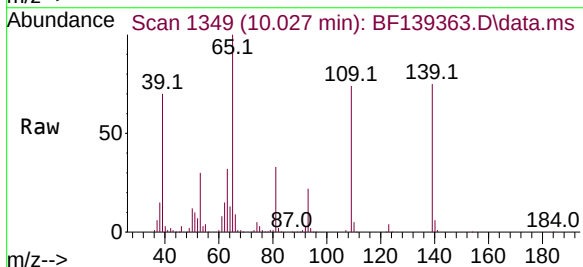
Tgt Ion:139 Resp: 149168

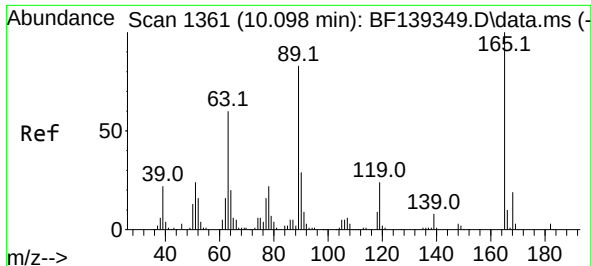
Ion Ratio Lower Upper

139 100

109 99.4 84.1 124.1

65 133.8 120.0 160.0

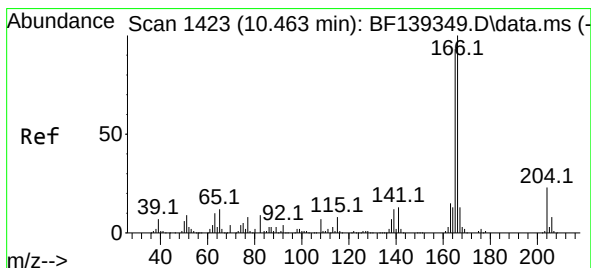
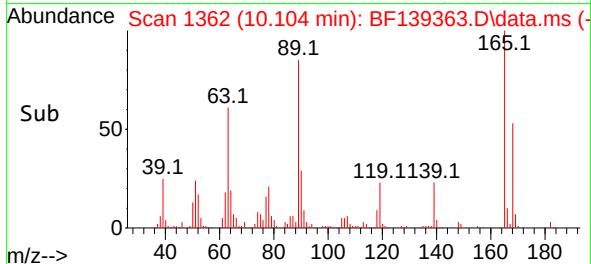
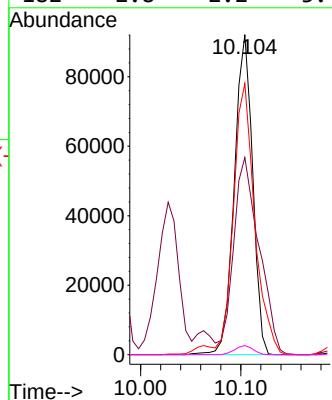
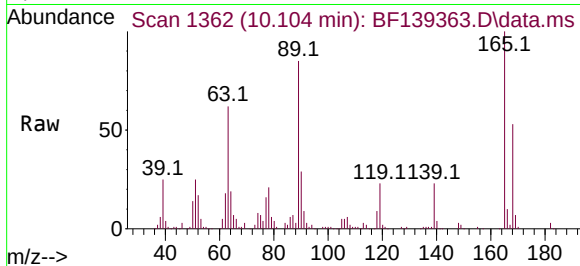




#57
2,4-Dinitrotoluene
Concen: 51.905 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

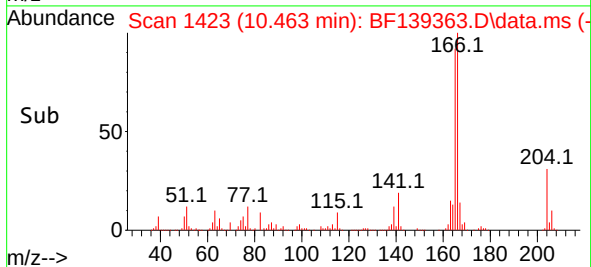
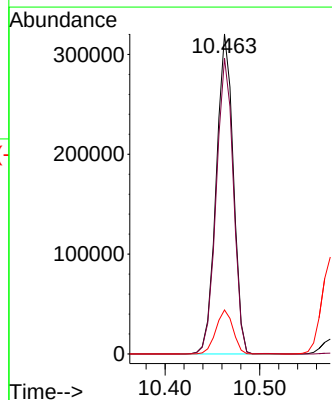
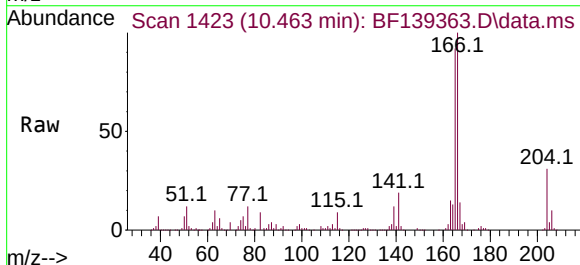
Instrument :
BNA_F
ClientSampleId :
PB163344BS

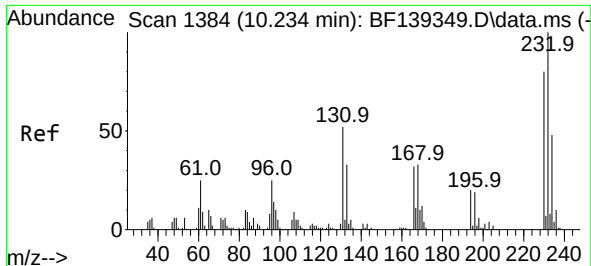
Tgt Ion:165 Resp: 117397
Ion Ratio Lower Upper
165 100
63 61.6 47.8 71.6
89 84.8 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 50.832 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:166 Resp: 402515
Ion Ratio Lower Upper
166 100
165 92.5 74.5 111.7
167 13.8 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.331 ng

RT: 10.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

Tgt Ion:232 Resp: 107262

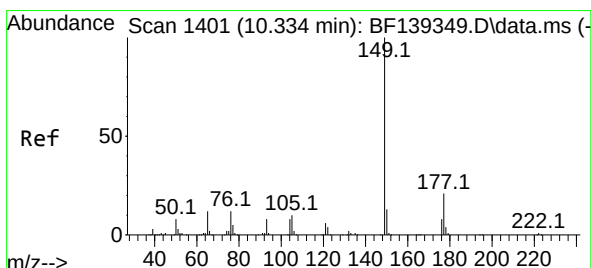
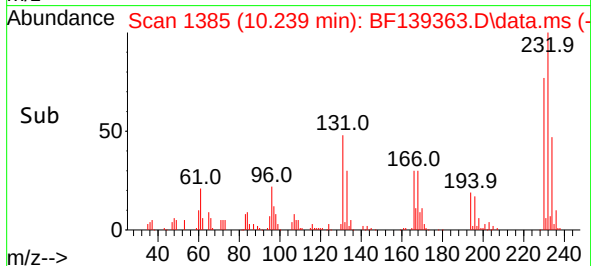
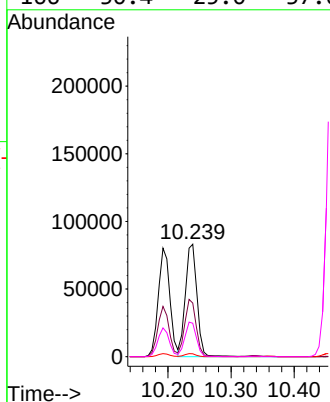
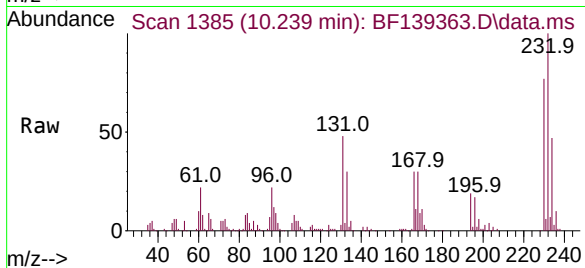
Ion Ratio Lower Upper

232 100

131 49.5 40.7 61.1

130 2.6 2.2 3.2

166 30.4 25.0 37.6



#60

Diethylphthalate

Concen: 51.843 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

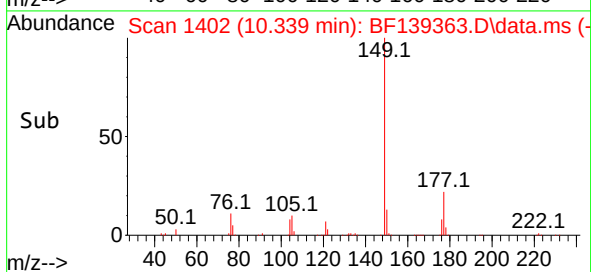
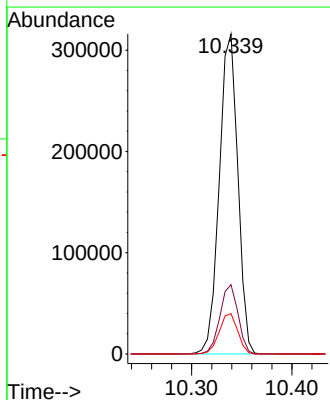
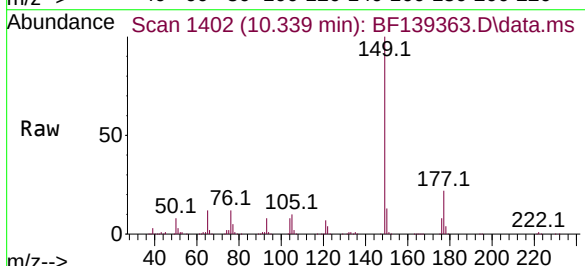
Tgt Ion:149 Resp: 404581

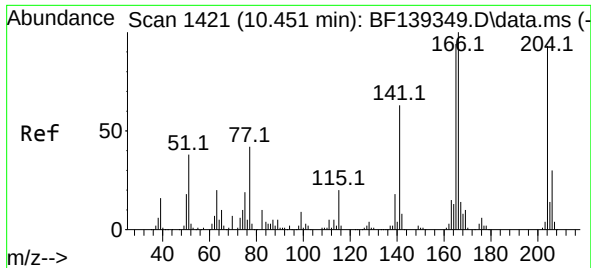
Ion Ratio Lower Upper

149 100

177 21.6 16.6 24.8

150 12.6 10.6 15.8

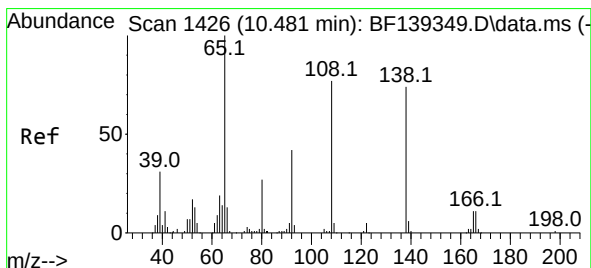
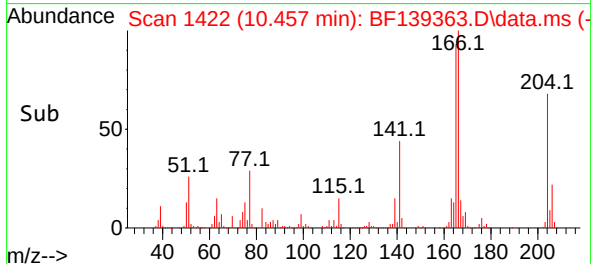
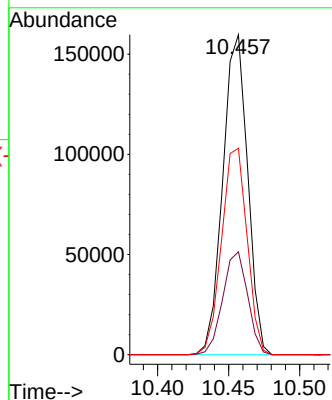
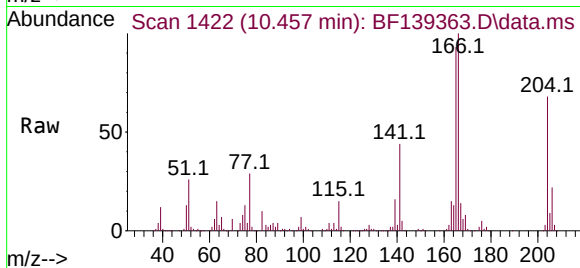




#61
4-Chlorophenyl-phenylether
Concen: 50.558 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

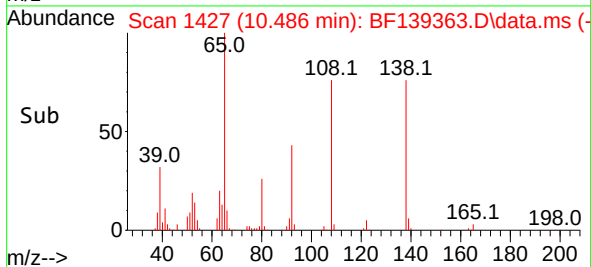
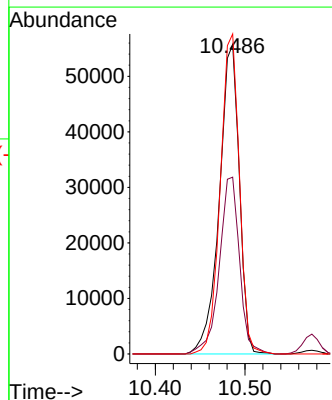
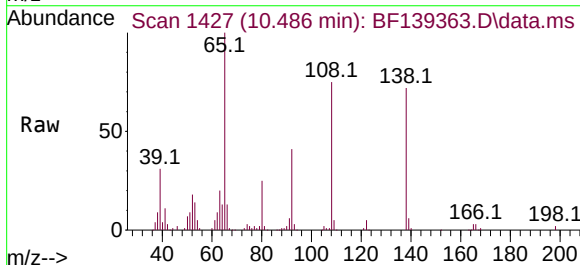
Instrument :
BNA_F
ClientSampleId :
PB163344BS

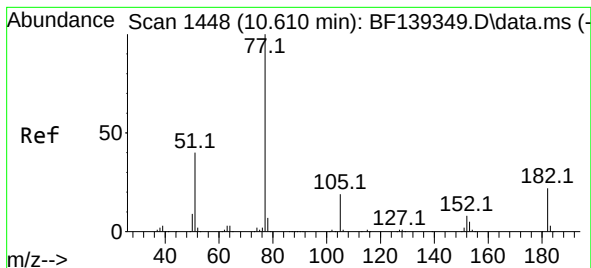
Tgt Ion:204 Resp: 194563
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 64.5 53.9 80.9



#62
4-Nitroaniline
Concen: 47.125 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:138 Resp: 86109
Ion Ratio Lower Upper
138 100
92 57.1 37.0 77.0
108 103.4 84.4 124.4





#63

Azobenzene

Concen: 50.931 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

Tgt Ion: 77 Resp: 390927

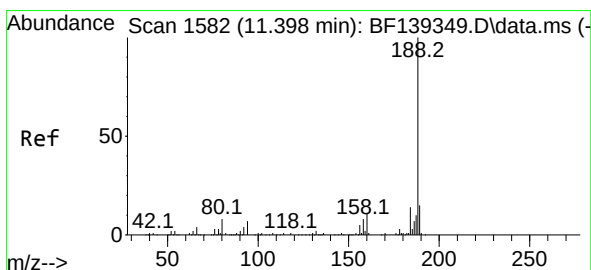
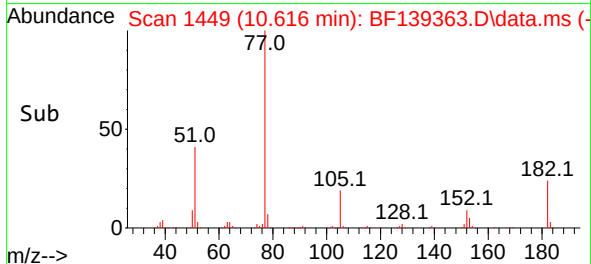
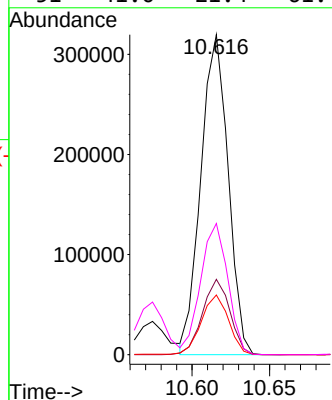
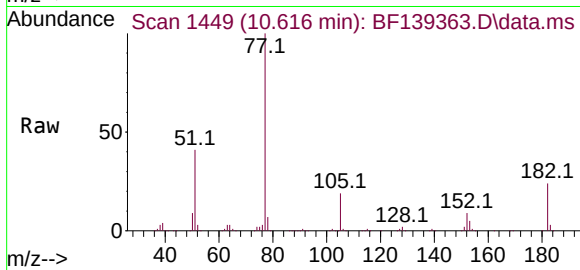
Ion Ratio Lower Upper

77 100

182 23.6 1.8 41.8

105 18.7 0.0 38.6

51 41.0 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

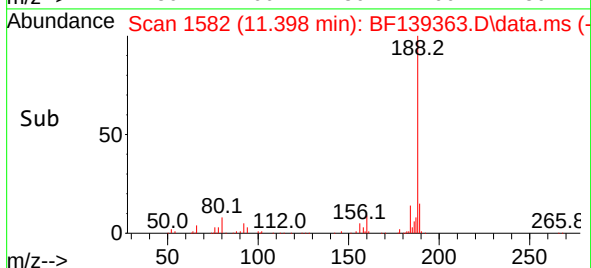
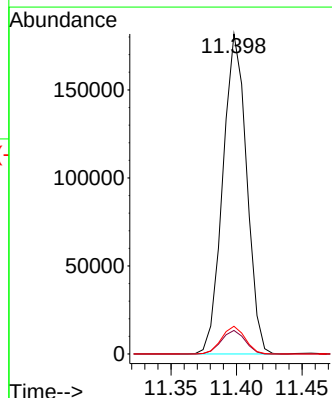
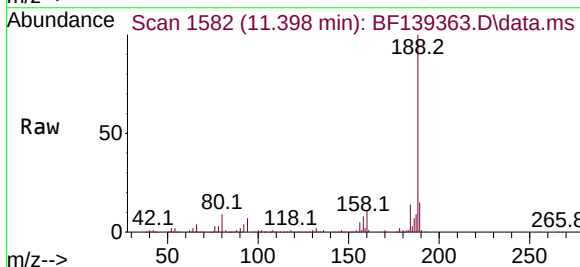
Tgt Ion:188 Resp: 229499

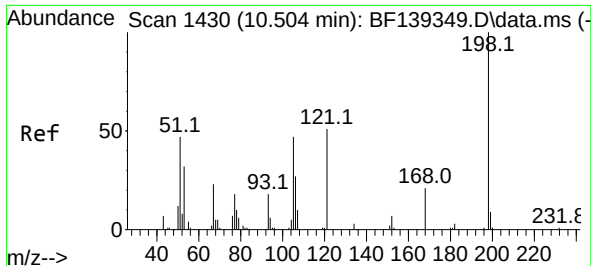
Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

80 8.6 6.6 9.8

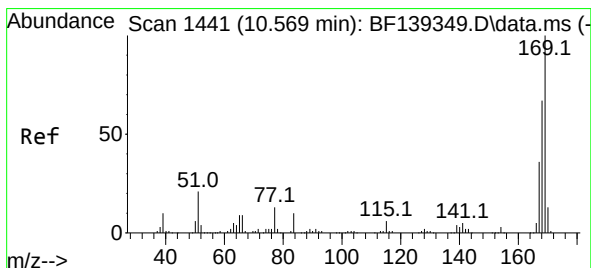
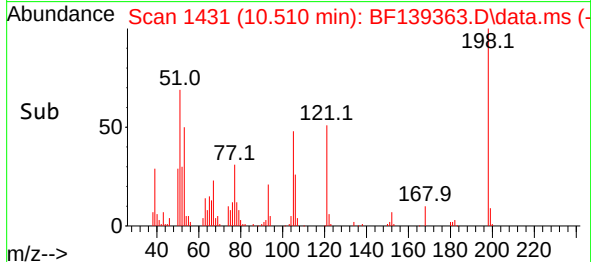
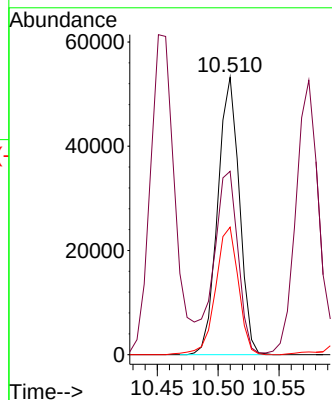
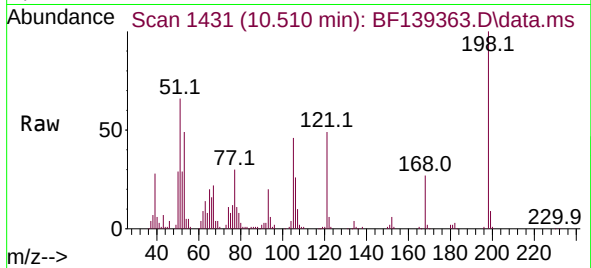




#65
4,6-Dinitro-2-methylphenol
Concen: 54.191 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

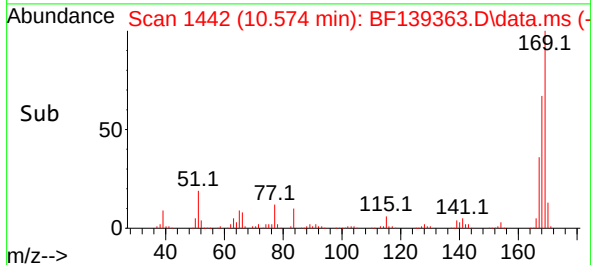
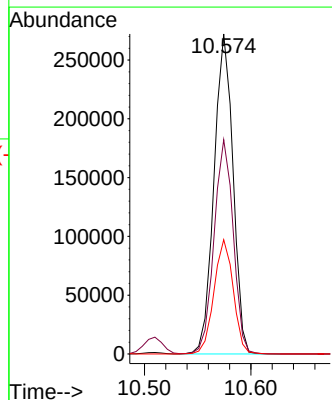
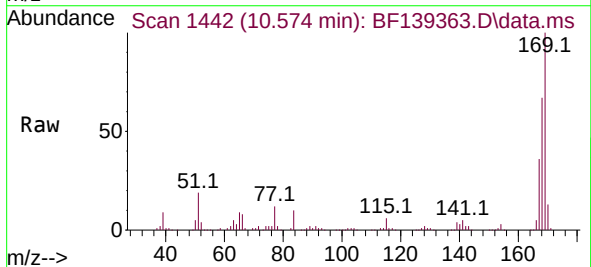
Instrument :
BNA_F
ClientSampleId :
PB163344BS

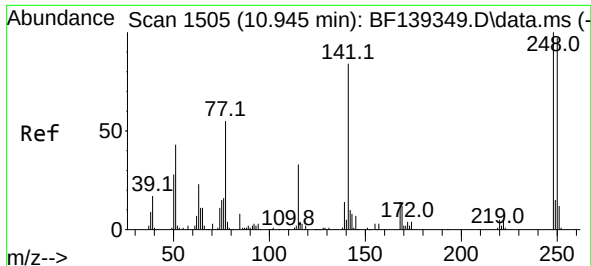
Tgt Ion:198 Resp: 65639
Ion Ratio Lower Upper
198 100
51 66.1 50.4 90.4
105 46.0 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 50.175 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:169 Resp: 336662
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 35.7 28.7 43.1

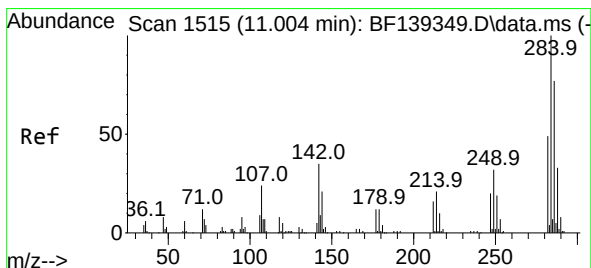
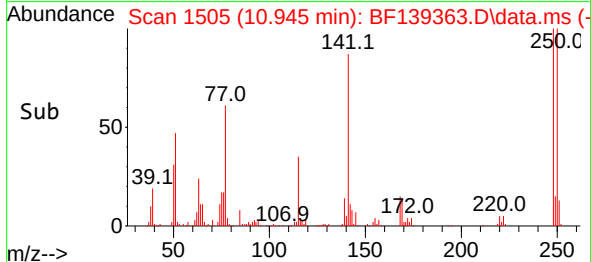
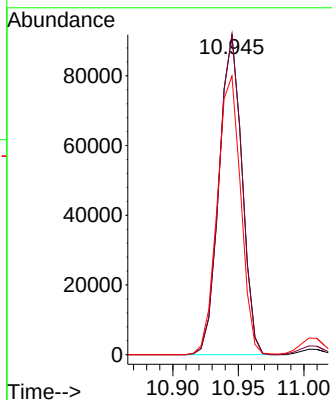
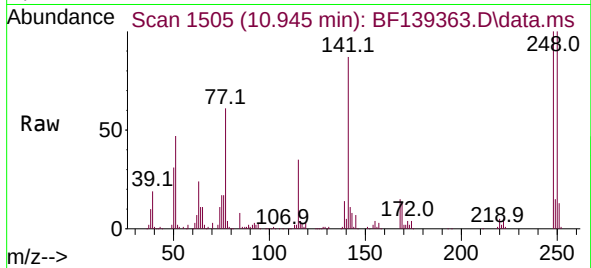




#67
4-Bromophenyl-phenylether
Concen: 48.900 ng
RT: 10.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

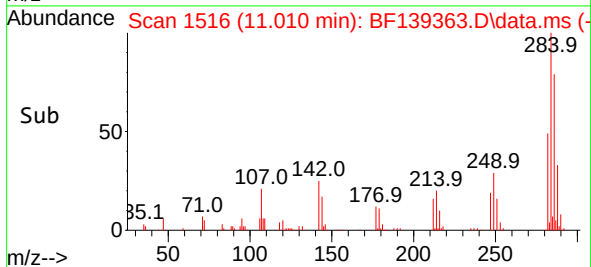
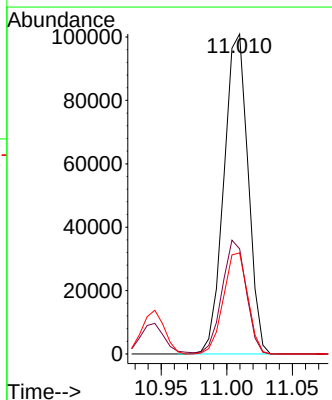
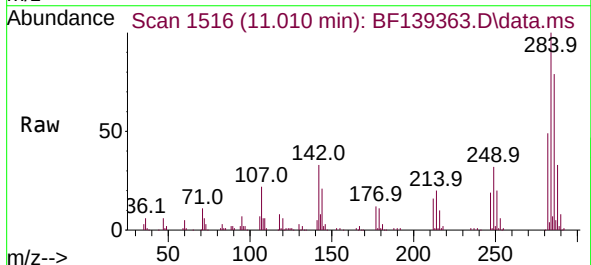
Instrument :
BNA_F
ClientSampleId :
PB163344BS

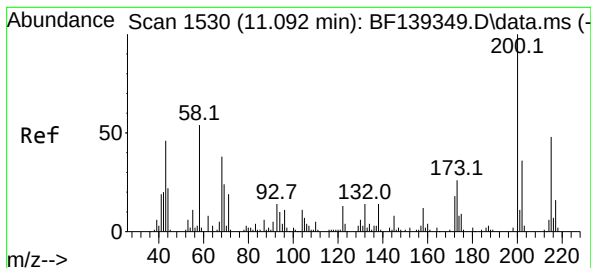
Tgt Ion:248 Resp: 111211
Ion Ratio Lower Upper
248 100
250 100.1 77.6 116.4
141 87.2 66.9 100.3



#68
Hexachlorobenzene
Concen: 48.429 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:284 Resp: 129264
Ion Ratio Lower Upper
284 100
142 32.9 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 69.412 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

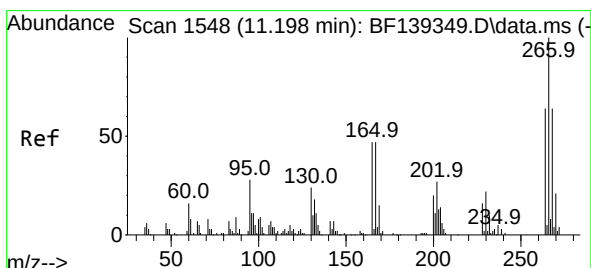
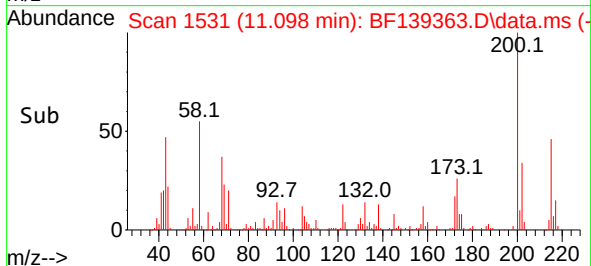
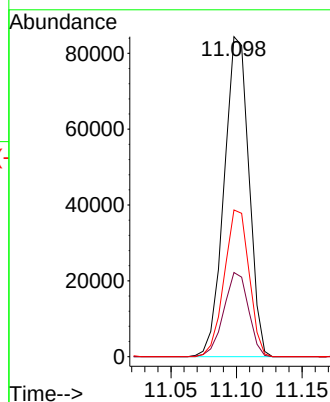
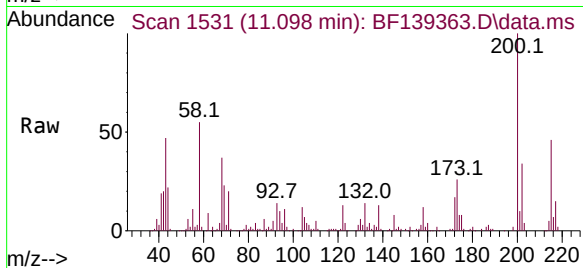
Tgt Ion:200 Resp: 110877

Ion Ratio Lower Upper

200 100

173 26.3 6.1 46.1

215 45.8 28.2 68.2



#70

Pentachlorophenol

Concen: 94.759 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

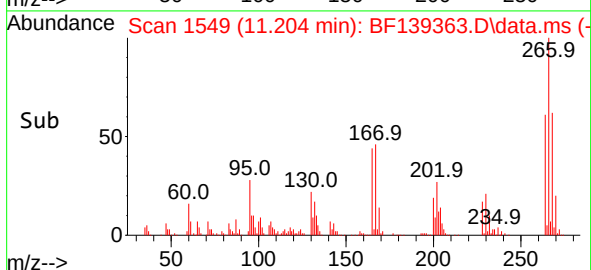
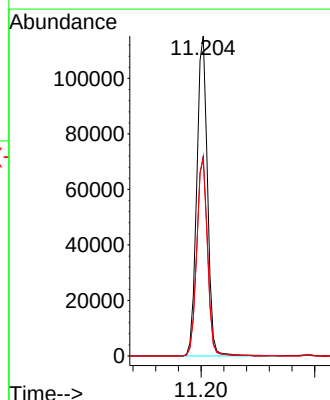
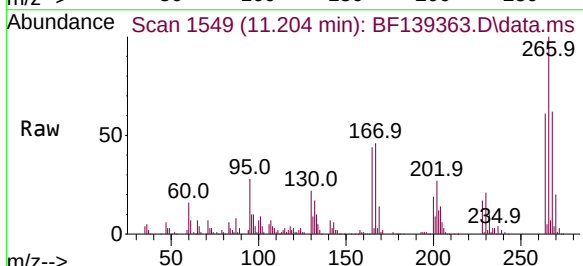
Tgt Ion:266 Resp: 151766

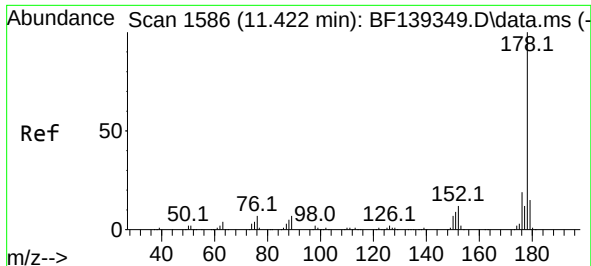
Ion Ratio Lower Upper

266 100

268 62.4 51.1 76.7

264 61.5 51.4 77.0

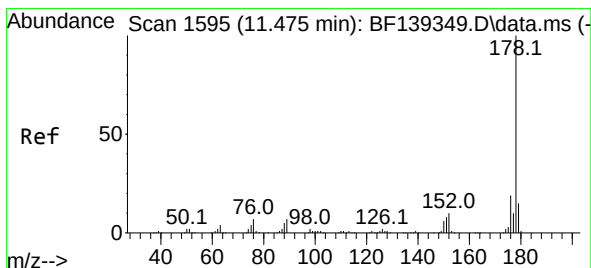
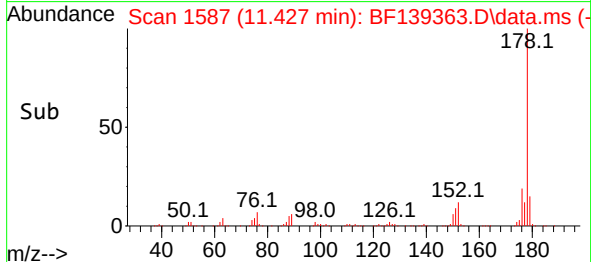
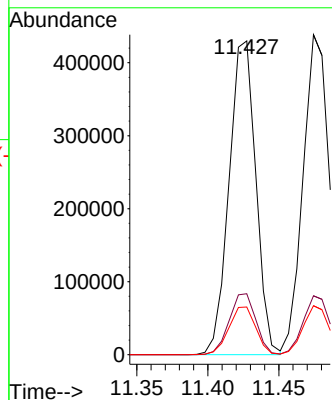
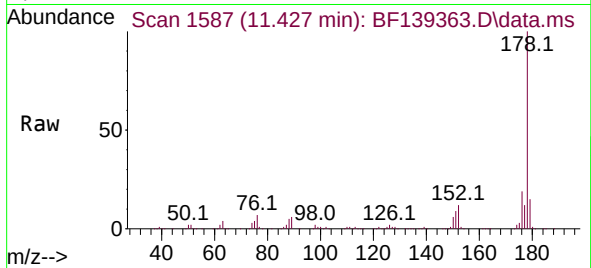




#71
Phenanthrene
Concen: 50.925 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

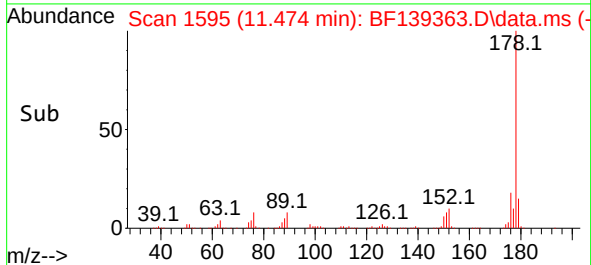
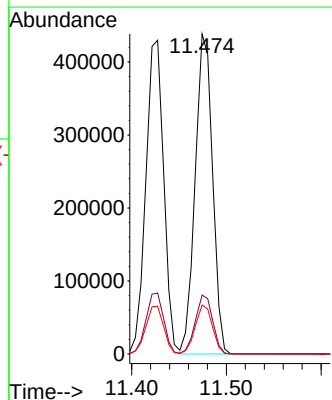
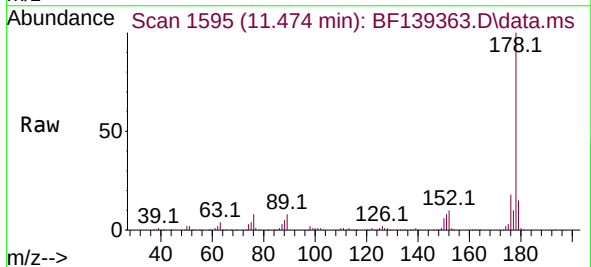
Instrument :
BNA_F
ClientSampleId :
PB163344BS

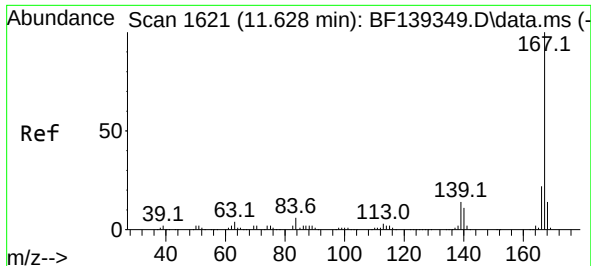
Tgt Ion:178 Resp: 563857
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 51.653 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

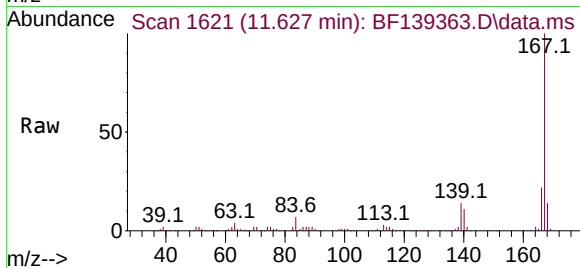
Tgt Ion:178 Resp: 559183
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.3 12.0 18.0



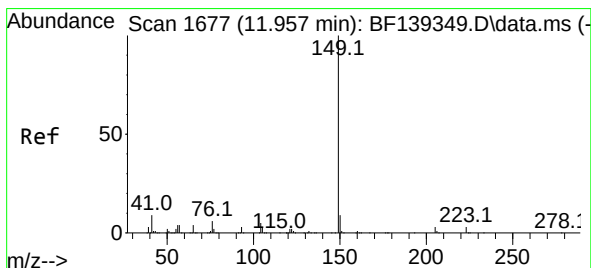
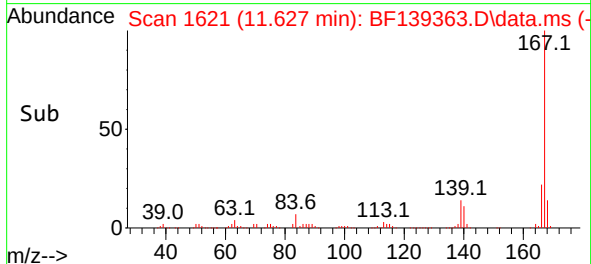
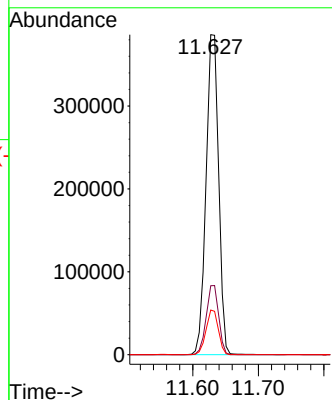


#73
 Carbazole
 Concen: 49.936 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB163344BS

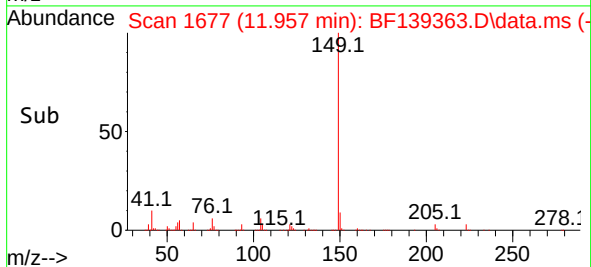
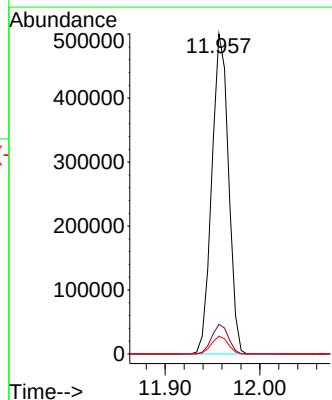
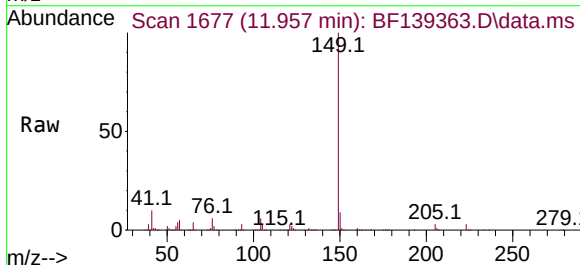


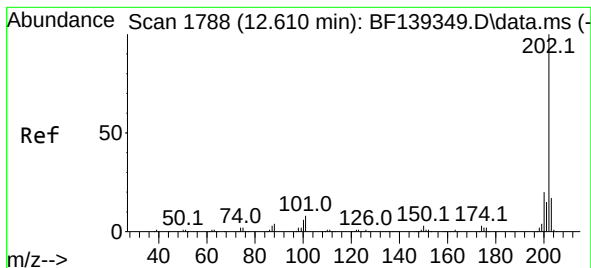
Tgt Ion:167 Resp: 517396
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 14.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 53.287 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19

Tgt Ion:149 Resp: 615041
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 49.361 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

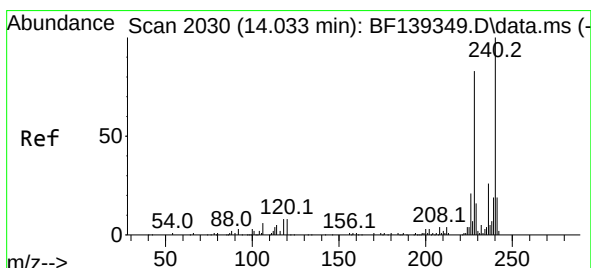
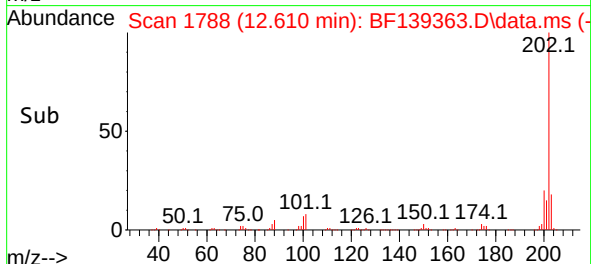
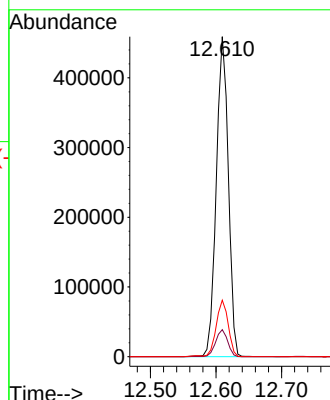
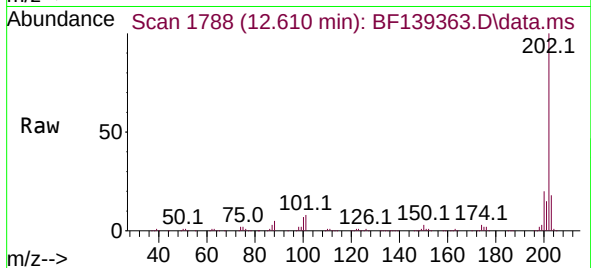
Tgt Ion:202 Resp: 583663

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.7

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

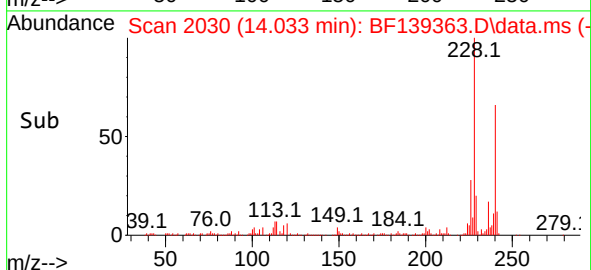
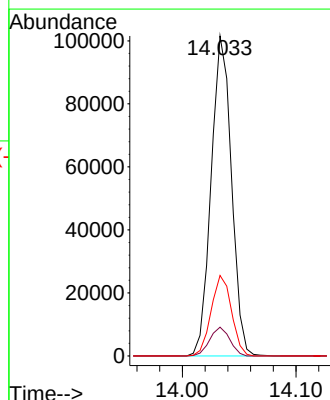
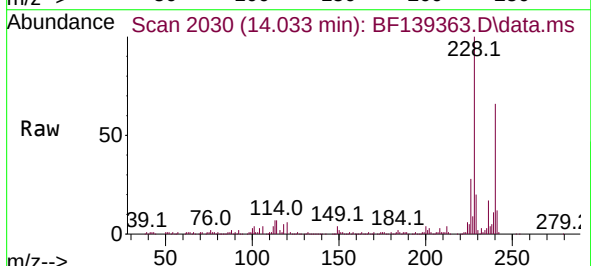
Tgt Ion:240 Resp: 126138

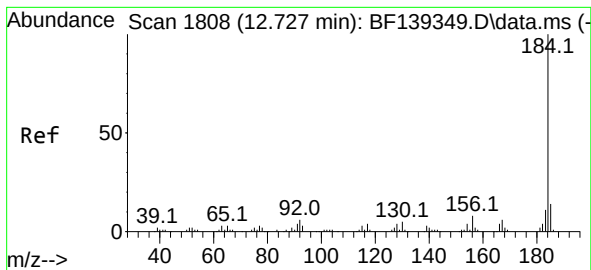
Ion Ratio Lower Upper

240 100

120 9.0 6.2 9.2

236 25.2 20.9 31.3





#77

Benzidine

Concen: 41.060 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

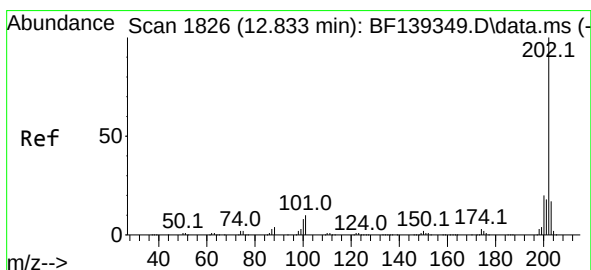
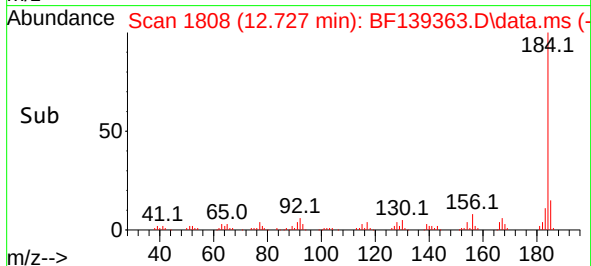
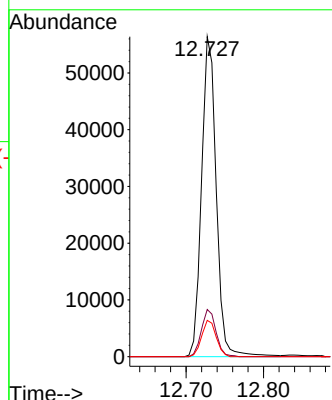
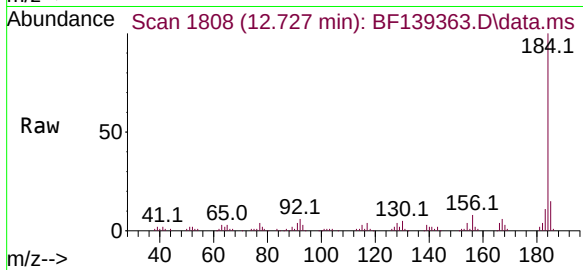
Tgt Ion:184 Resp: 74204

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 11.3 8.9 13.3



#78

Pyrene

Concen: 52.991 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

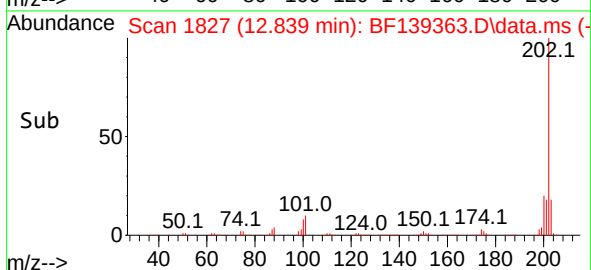
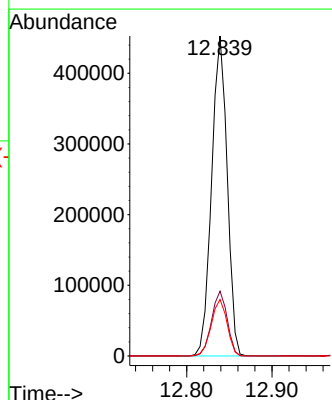
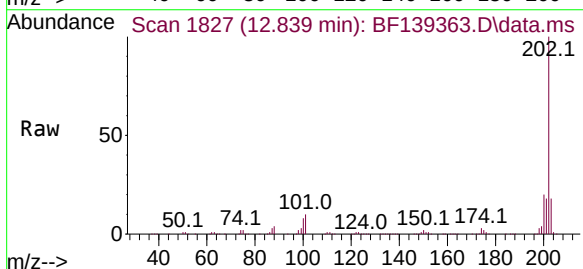
Tgt Ion:202 Resp: 573930

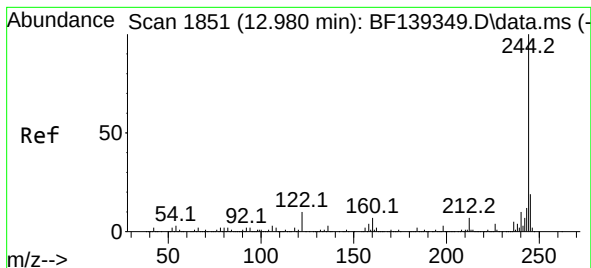
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 111.691 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

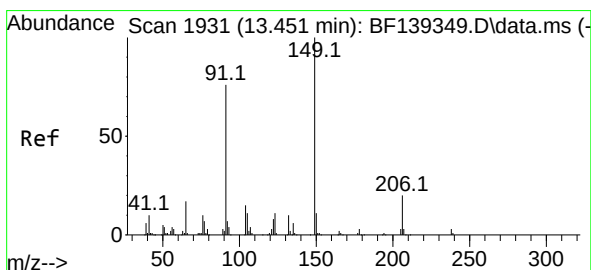
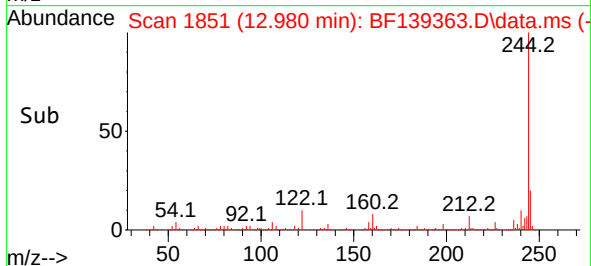
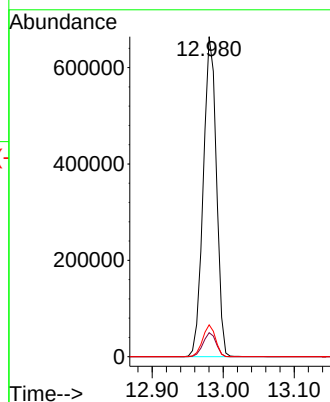
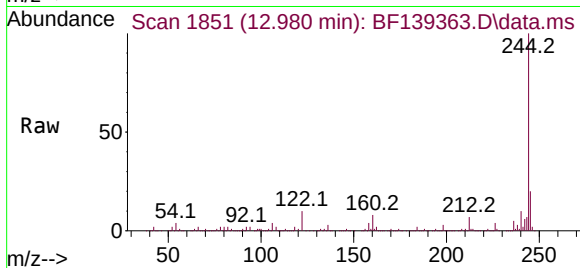
Tgt Ion:244 Resp: 858323

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.9 7.6 11.4



#80

Butylbenzylphthalate

Concen: 56.862 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

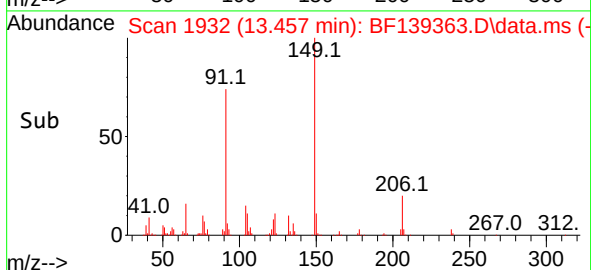
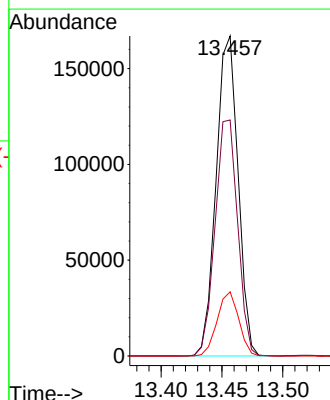
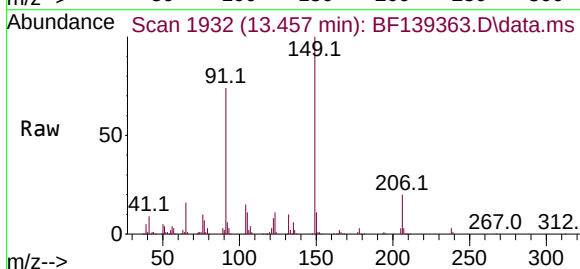
Tgt Ion:149 Resp: 209625

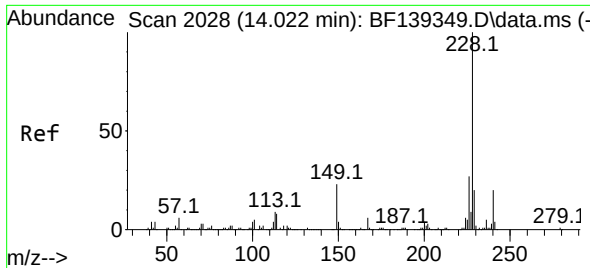
Ion Ratio Lower Upper

149 100

91 73.8 60.9 91.3

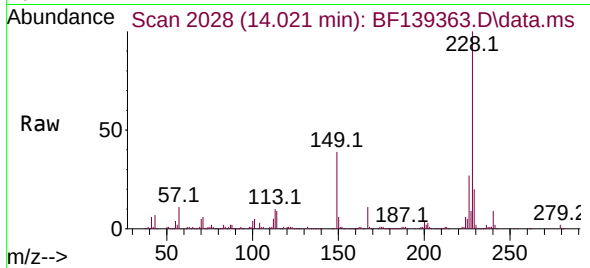
206 20.0 15.8 23.8



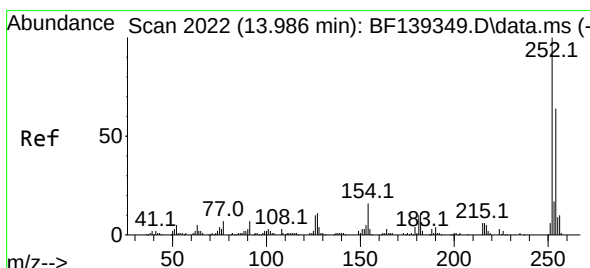
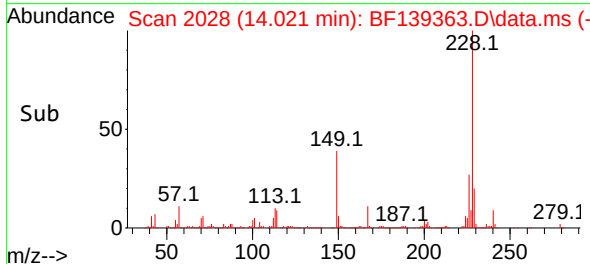
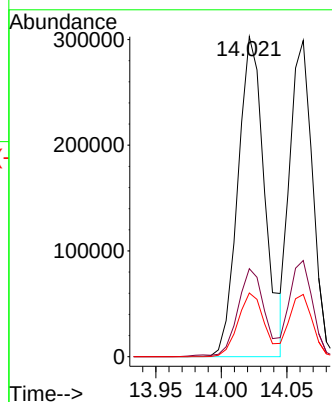


#81
Benzo(a)anthracene
Concen: 51.557 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB163344BS

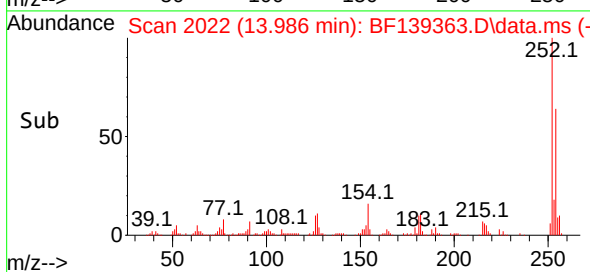
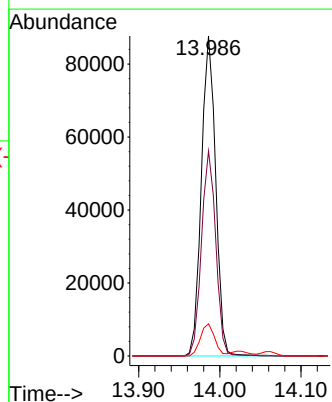
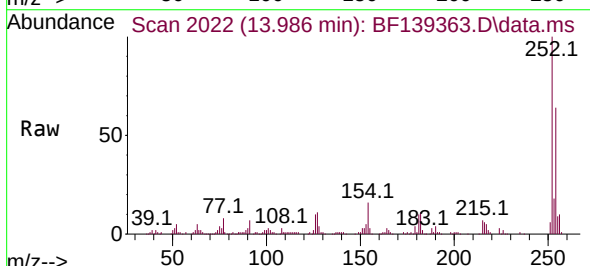


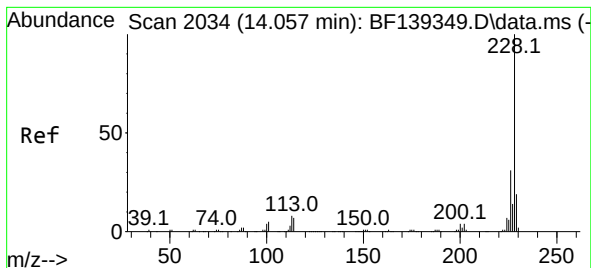
Tgt Ion:228 Resp: 430774
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 43.810 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:252 Resp: 107198
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 10.1 7.7 11.5





#83

Chrysene

Concen: 46.606 ng

RT: 14.062 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

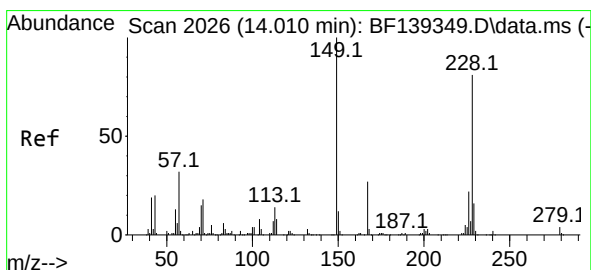
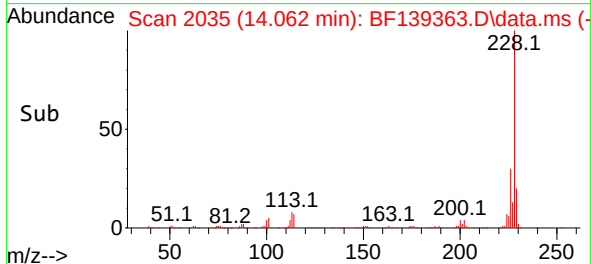
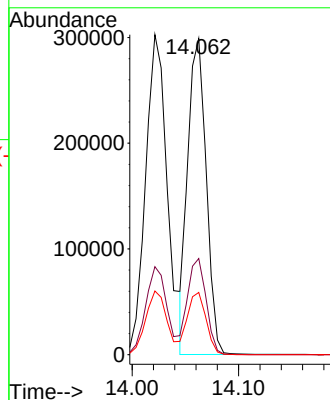
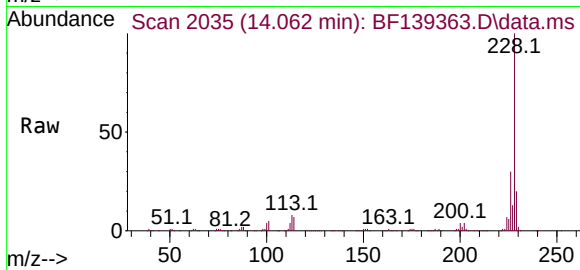
Tgt Ion:228 Resp: 358256

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.478 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

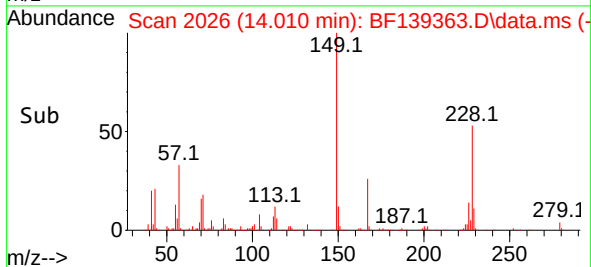
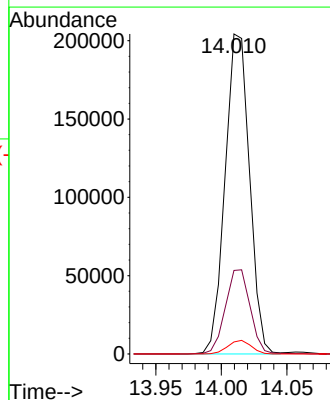
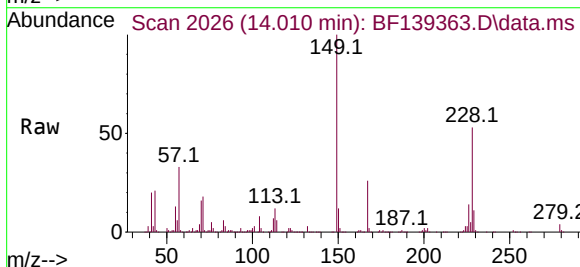
Tgt Ion:149 Resp: 264866

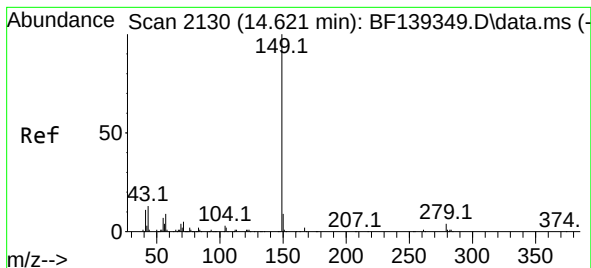
Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.022 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB163344BS

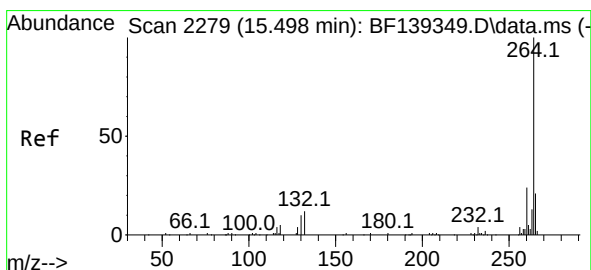
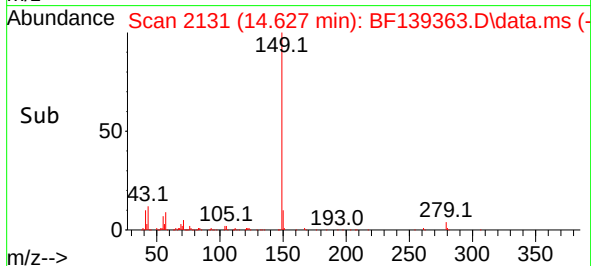
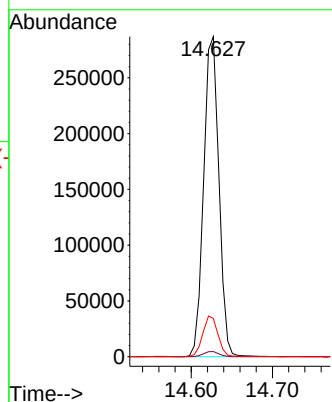
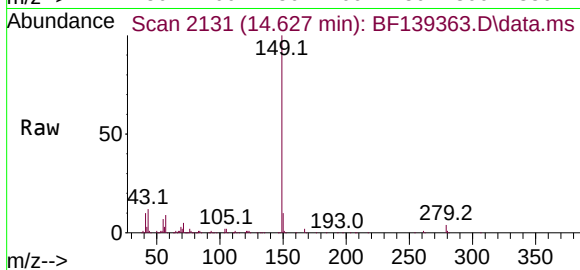
Tgt Ion:149 Resp: 373110

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.8 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139363.D

Acq: 14 Sep 2024 12:19

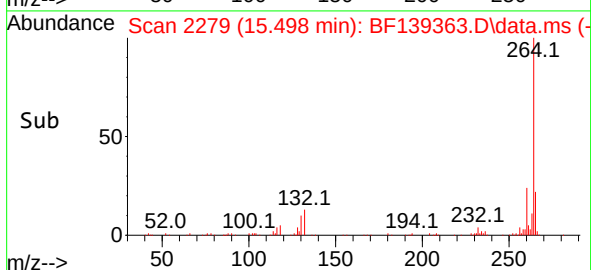
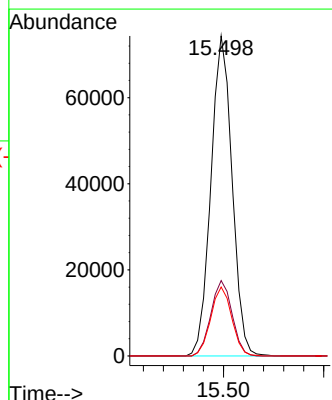
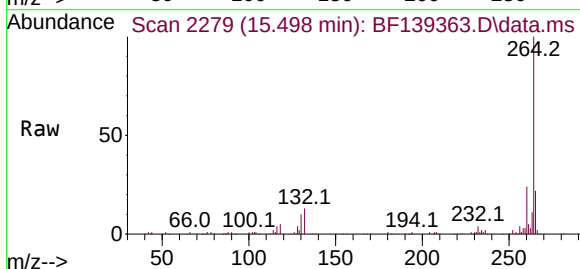
Tgt Ion:264 Resp: 109105

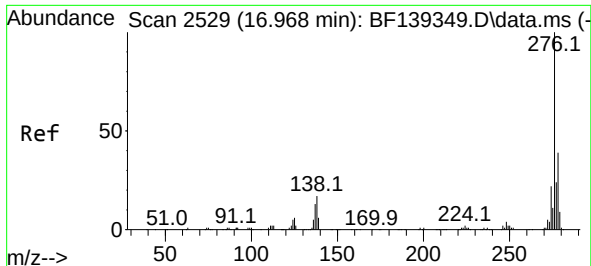
Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.6 16.6 25.0

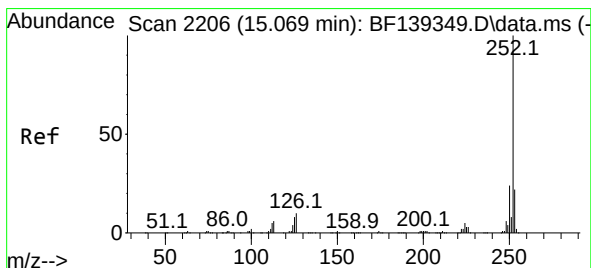
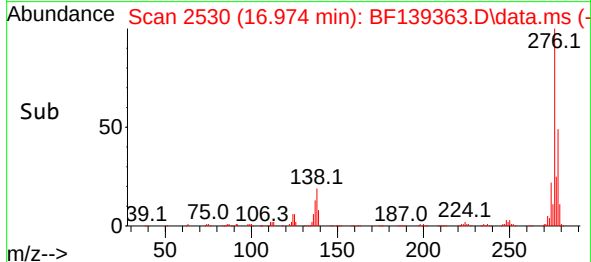
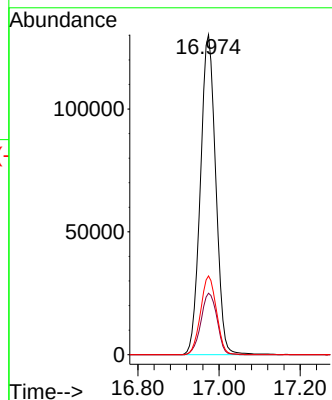
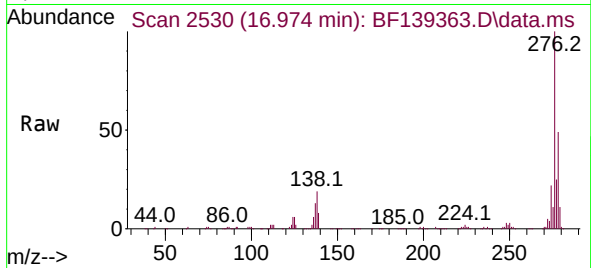




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.755 ng
 RT: 16.974 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19

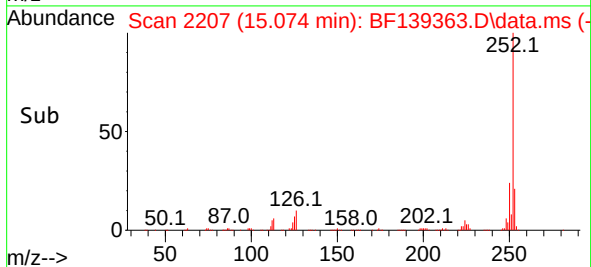
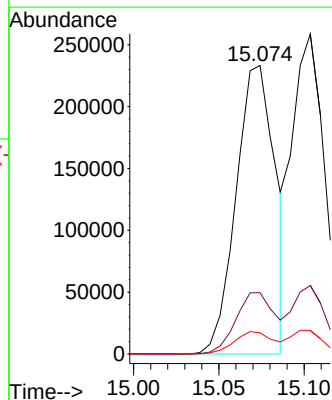
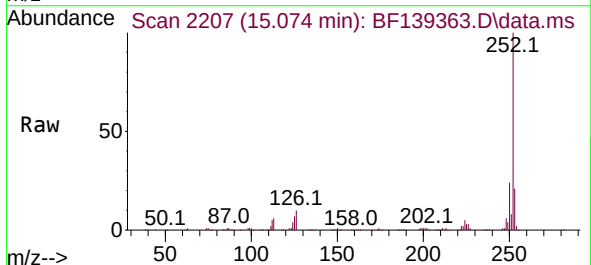
Instrument :
 BNA_F
 ClientSampleId :
 PB163344BS

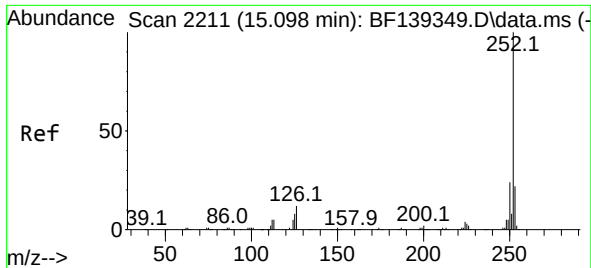
Tgt Ion:276 Resp: 342261
 Ion Ratio Lower Upper
 276 100
 138 20.1 15.4 23.2
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 55.280 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139363.D
 Acq: 14 Sep 2024 12:19

Tgt Ion:252 Resp: 371973
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.6 26.4
 125 7.3 6.2 9.2

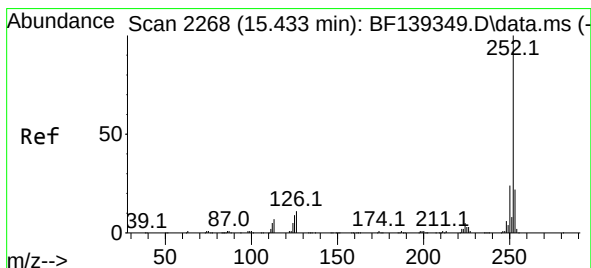
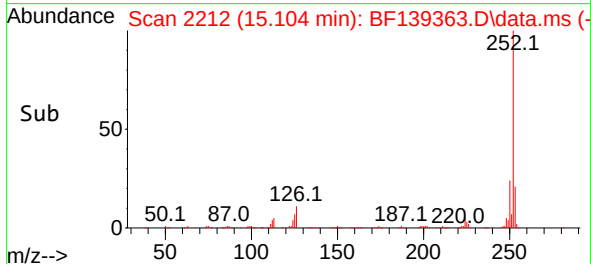
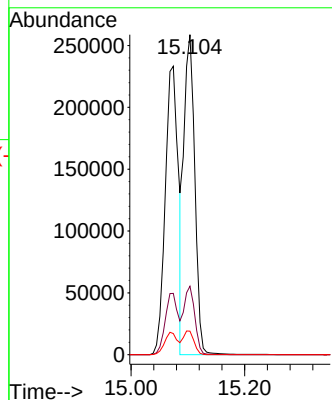
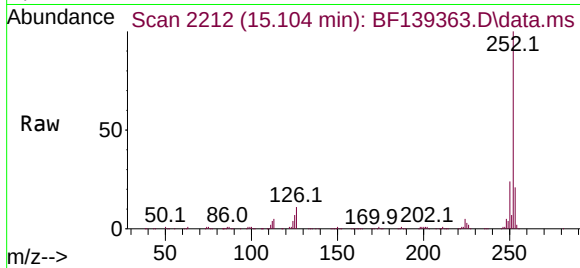




#89
Benzo(k)fluoranthene
Concen: 55.762 ng
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

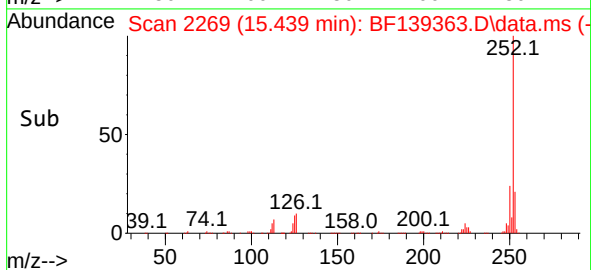
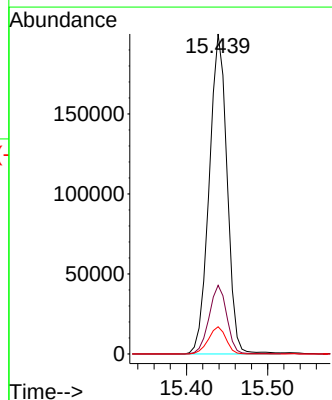
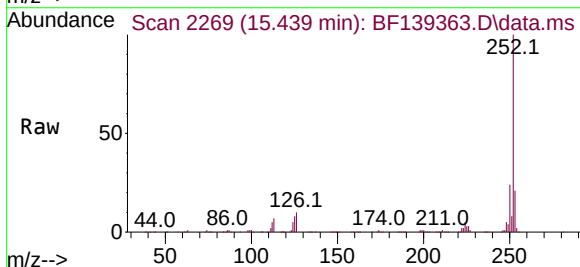
Instrument :
BNA_F
ClientSampleId :
PB163344BS

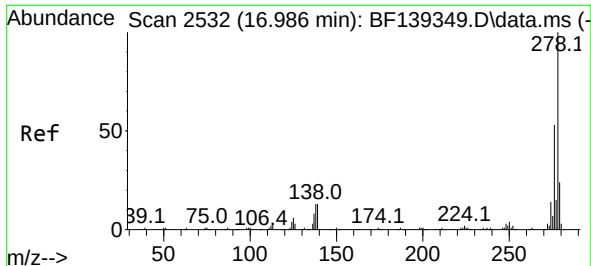
Tgt Ion:252 Resp: 345958
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 7.4 5.9 8.9



#90
Benzo(a)pyrene
Concen: 54.859 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

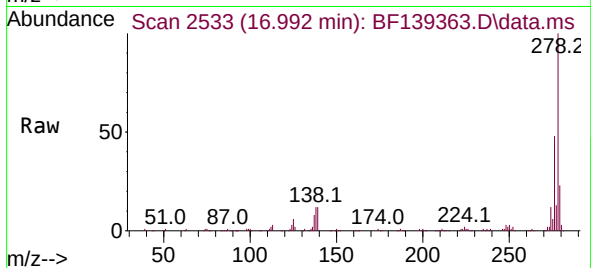
Tgt Ion:252 Resp: 306146
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 8.5 6.8 10.2



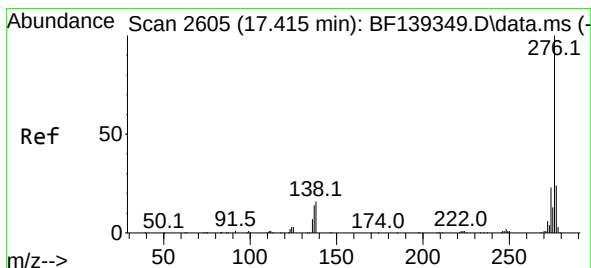
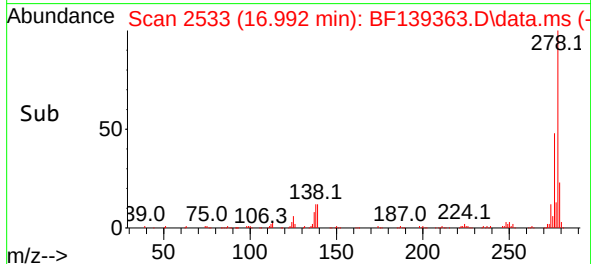
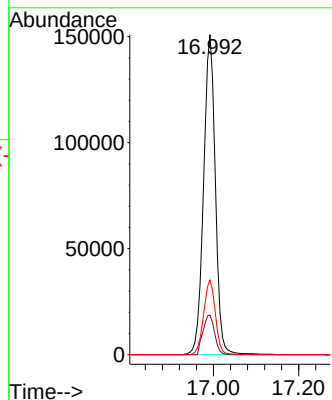


#91
Dibenzo(a,h)anthracene
Concen: 53.963 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB163344BS



Tgt Ion:278 Resp: 289291
Ion Ratio Lower Upper
278 100
139 12.4 10.2 15.2
279 23.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 50.474 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139363.D
Acq: 14 Sep 2024 12:19

Tgt Ion:276 Resp: 267915
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 16.3 13.0 19.6

