

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139789.D
 Acq On : 14 Oct 2024 15:27
 Operator : RC/JU
 Sample : PB164005BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164005BS

Quant Time: Oct 14 16:06:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	111722	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	446110	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	253965	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	467000	20.000	ng	0.00
76) Chrysene-d12	14.033	240	231133	20.000	ng	0.00
86) Perylene-d12	15.504	264	184553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	849330	131.764	ng	0.02
7) Phenol-d6	6.510	99	1120853	129.306	ng	0.00
23) Nitrobenzene-d5	7.434	82	738163	83.776	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	302354	123.328	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1377003	83.238	ng	0.00
79) Terphenyl-d14	12.974	244	1438748	102.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	108600	38.969	ng	100
3) Pyridine	3.498	79	288223	42.525	ng	98
4) n-Nitrosodimethylamine	3.463	42	192451	43.380	ng	95
6) Aniline	6.528	93	336936	43.804	ng	# 61
8) 2-Chlorophenol	6.651	128	329049	47.647	ng	98
9) Benzaldehyde	6.416	77	89750	19.546	ng	98
10) Phenol	6.522	94	415931	45.633	ng	82
11) bis(2-Chloroethyl)ether	6.604	93	329805	44.440	ng	99
12) 1,3-Dichlorobenzene	6.804	146	337932	43.498	ng	99
13) 1,4-Dichlorobenzene	6.881	146	340080	43.221	ng	100
14) 1,2-Dichlorobenzene	7.034	146	327567	44.419	ng	98
15) Benzyl Alcohol	7.010	79	311195	46.986	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	575697	44.810	ng	66
17) 2-Methylphenol	7.122	107	264782	45.927	ng	98
18) Hexachloroethane	7.375	117	128308	43.718	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	248480	44.587	ng	97
20) 3+4-Methylphenols	7.281	107	325619	44.966	ng	# 89
22) Acetophenone	7.275	105	447132	42.225	ng	97
24) Nitrobenzene	7.451	77	374048	40.996	ng	99
25) Isophorone	7.686	82	686809	43.887	ng	100
26) 2-Nitrophenol	7.763	139	178942	45.621	ng	98
27) 2,4-Dimethylphenol	7.804	122	270248	56.281	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	407089	43.562	ng	99
29) 2,4-Dichlorophenol	8.010	162	280029	44.711	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	288919	40.791	ng	100
31) Naphthalene	8.169	128	968446	42.459	ng	100
32) Benzoic acid	7.939	122	200641	42.022	ng	98
33) 4-Chloroaniline	8.216	127	167730	21.725	ng	99
34) Hexachlorobutadiene	8.281	225	185294	40.425	ng	100
35) Caprolactam	8.598	113	46206	22.493	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	312991	44.146	ng	98
37) 2-Methylnaphthalene	8.857	142	641303	43.170	ng	100
38) 1-Methylnaphthalene	8.957	142	596320	41.067	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	299055	42.406	ng	99
41) Hexachlorocyclopentadiene	9.010	237	309089	142.938	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	207795	43.708	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139789.D
 Acq On : 14 Oct 2024 15:27
 Operator : RC/JU
 Sample : PB164005BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

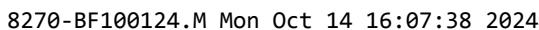
Instrument :
 BNA_F
 ClientSampleId :
 PB164005BS

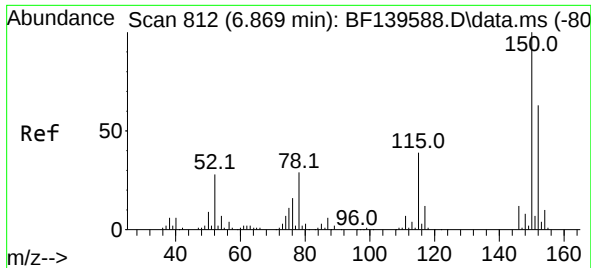
Quant Time: Oct 14 16:06:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	219744	42.861	ng	98
46) 1,1'-Biphenyl	9.322	154	797496	42.220	ng	99
47) 2-Chloronaphthalene	9.351	162	597557	42.198	ng	99
48) 2-Nitroaniline	9.451	65	220565	43.390	ng	97
49) Acenaphthylene	9.769	152	982386	45.618	ng	100
50) Dimethylphthalate	9.627	163	743178	44.703	ng	100
51) 2,6-Dinitrotoluene	9.692	165	159360	42.434	ng	95
52) Acenaphthene	9.939	154	602947	40.784	ng	100
53) 3-Nitroaniline	9.863	138	117146	30.525	ng	97
54) 2,4-Dinitrophenol	9.975	184	163575	80.981	ng	96
55) Dibenzofuran	10.110	168	885622	42.785	ng	100
56) 4-Nitrophenol	10.033	139	231856	79.223	ng	97
57) 2,4-Dinitrotoluene	10.098	165	216509	44.106	ng	98
58) Fluorene	10.451	166	702306	42.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	183125	44.223	ng	96
60) Diethylphthalate	10.327	149	737373	42.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	347562	42.138	ng	98
62) 4-Nitroaniline	10.480	138	166017	42.291	ng	96
63) Azobenzene	10.604	77	740870	42.902	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	116722	44.254	ng	96
66) n-Nitrosodiphenylamine	10.563	169	621974	45.184	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	211021	44.071	ng	99
68) Hexachlorobenzene	10.998	284	229778	43.247	ng	99
69) Atrazine	11.092	200	204037	55.245	ng	99
70) Pentachlorophenol	11.198	266	241038	76.188	ng	99
71) Phenanthrene	11.416	178	983611	44.670	ng	100
72) Anthracene	11.469	178	1002854	46.037	ng	100
73) Carbazole	11.621	167	910888	43.537	ng	100
74) Di-n-butylphthalate	11.945	149	1142745	44.915	ng	100
75) Fluoranthene	12.604	202	1040031	43.208	ng	100
77) Benzidine	12.727	184	273138	66.996	ng	99
78) Pyrene	12.833	202	1043556	50.481	ng	99
80) Butylbenzylphthalate	13.445	149	399518	54.031	ng	98
81) Benzo(a)anthracene	14.021	228	692765	45.588	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	166364	35.772	ng	98
83) Chrysene	14.057	228	633864	45.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	503912	54.576	ng	99
85) Di-n-octyl phthalate	14.615	149	687698	50.698	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	456462	42.022	ng	99
88) Benzo(b)fluoranthene	15.074	252	493394	41.347	ng	100
89) Benzo(k)fluoranthene	15.104	252	457659	45.213	ng	99
90) Benzo(a)pyrene	15.439	252	430490	45.753	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	349793	38.825	ng	99
92) Benzo(g,h,i)perylene	17.433	276	358357	39.661	ng	99

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

Quant Time: Oct 14 16:06:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

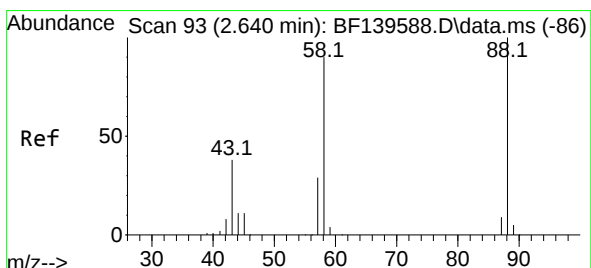
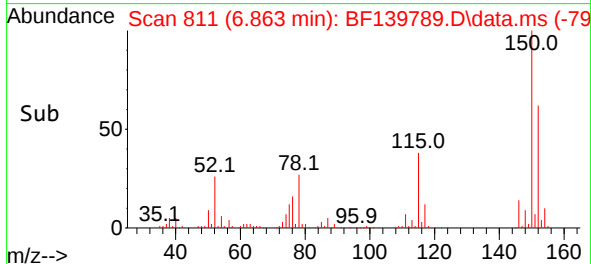
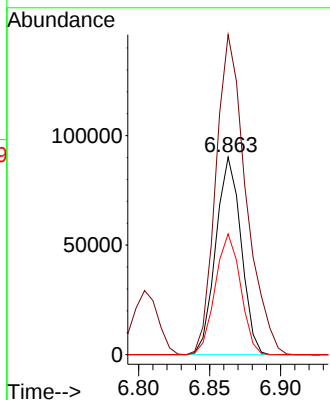
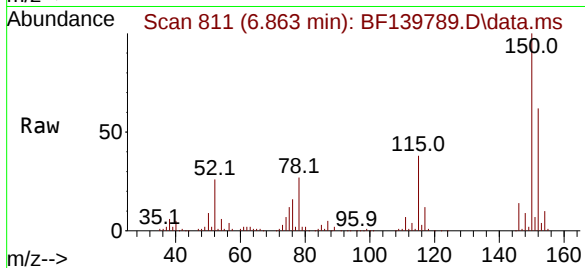




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

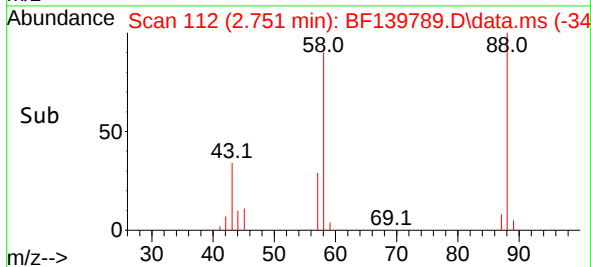
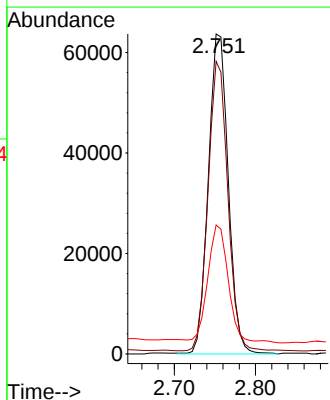
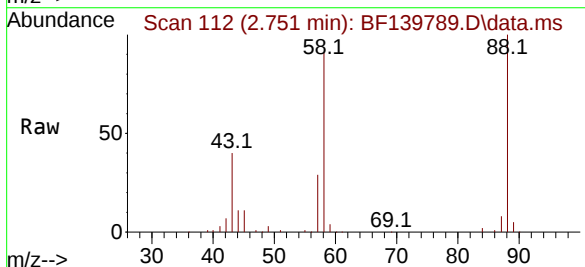
Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:152 Resp: 111722
Ion Ratio Lower Upper
152 100
150 162.0 127.2 190.8
115 61.2 49.0 73.4



#2
1,4-Dioxane
Concen: 38.969 ng
RT: 2.751 min Scan# 112
Delta R.T. 0.112 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion: 88 Resp: 108600
Ion Ratio Lower Upper
88 100
58 89.9 72.0 108.0
43 38.3 30.8 46.2

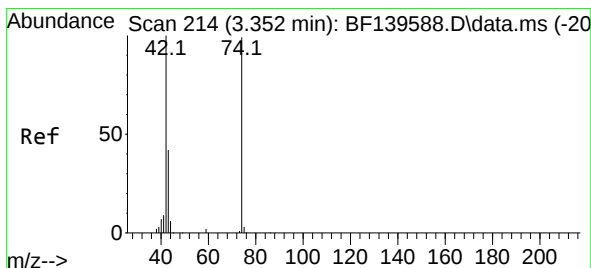
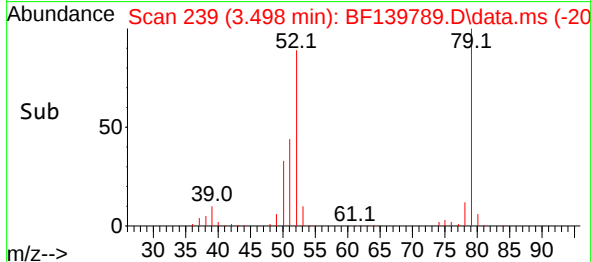
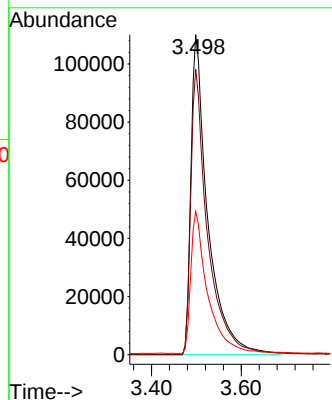
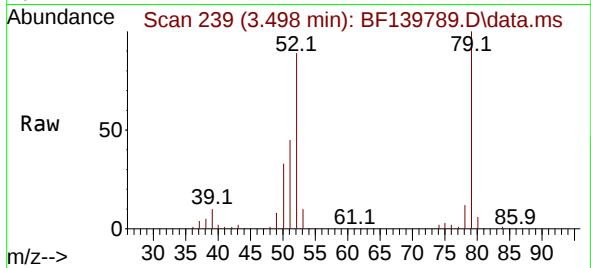




#3
Pyridine
Concen: 42.525 ng
RT: 3.498 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

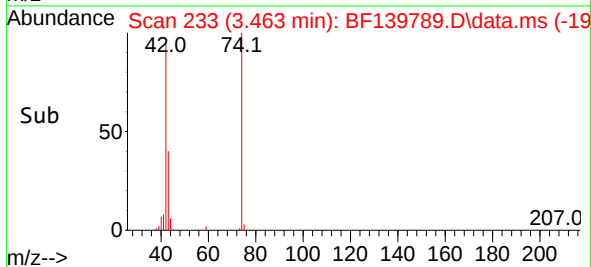
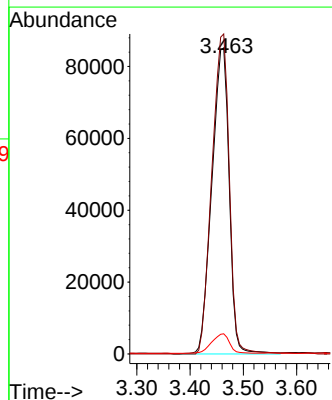
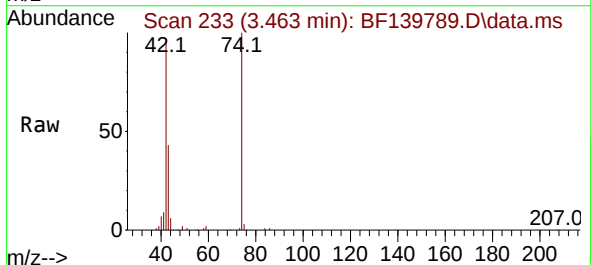
Instrument :
BNA_F
ClientSampleId :
PB164005BS

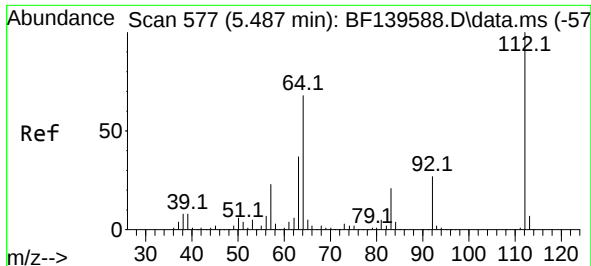
Tgt Ion: 79 Resp: 288223
Ion Ratio Lower Upper
79 100
52 89.1 72.6 109.0
51 44.8 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 43.380 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.112 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion: 42 Resp: 192451
Ion Ratio Lower Upper
42 100
74 104.6 79.0 118.6
44 6.6 5.2 7.8

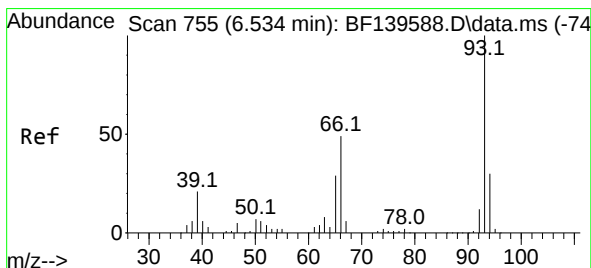
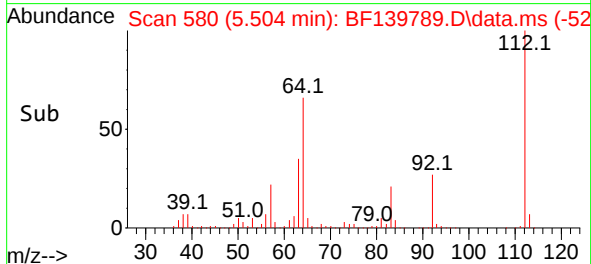
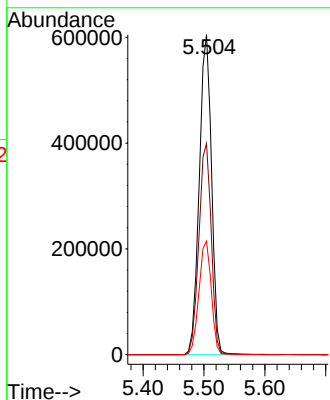
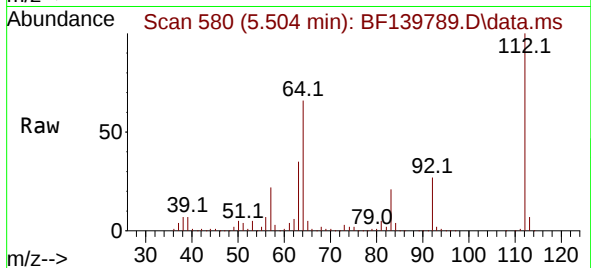




#5
2-Fluorophenol
Concen: 131.764 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

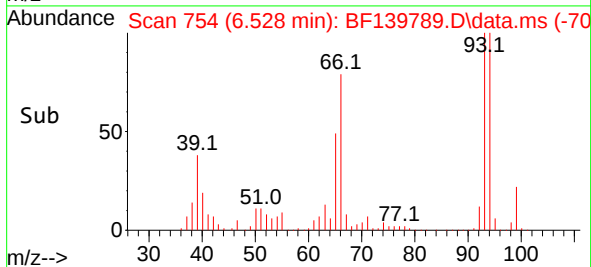
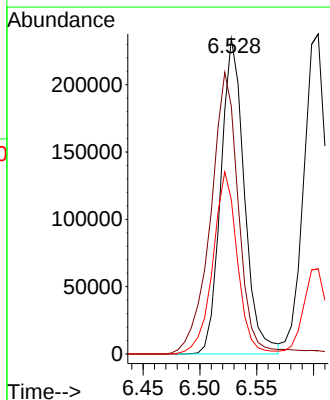
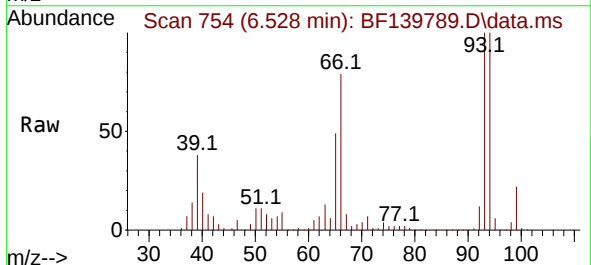
Instrument :
BNA_F
ClientSampleId :
PB164005BS

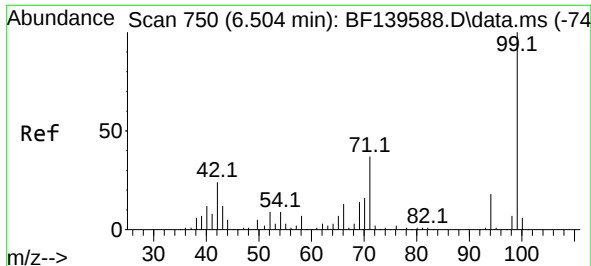
Tgt Ion:112 Resp: 849330
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 35.5 29.4 44.2



#6
Aniline
Concen: 43.804 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion: 93 Resp: 336936
Ion Ratio Lower Upper
93 100
66 78.5 40.9 61.3#
65 48.9 23.3 34.9#

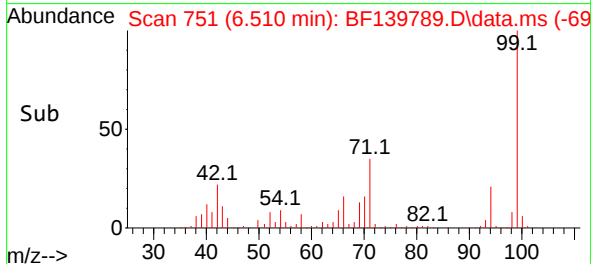
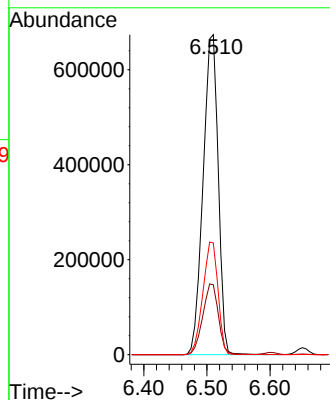
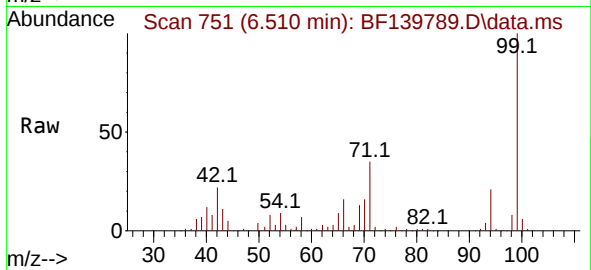




#7
Phenol-d6
Concen: 129.306 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

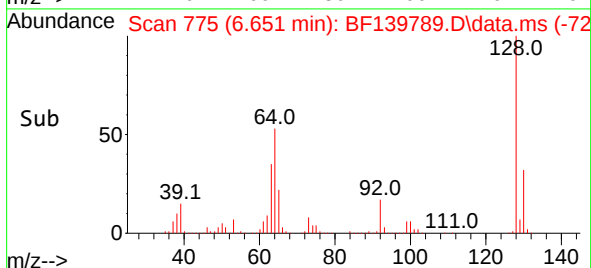
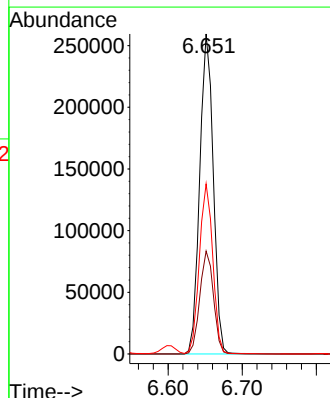
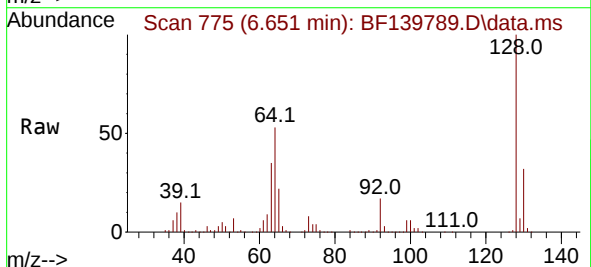
Instrument :
BNA_F
ClientSampleId :
PB164005BS

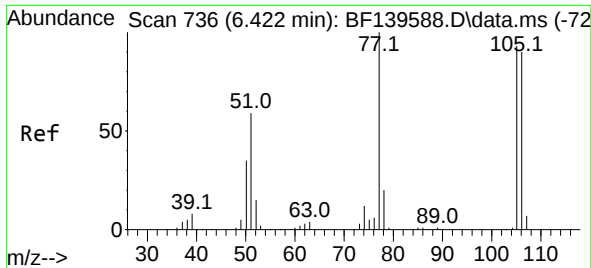
Tgt Ion: 99 Resp: 1120853
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 34.9 29.7 44.5



#8
2-Chlorophenol
Concen: 47.647 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion: 128 Resp: 329049
Ion Ratio Lower Upper
128 100
130 32.1 13.2 53.2
64 53.1 35.1 75.1





#9

Benzaldehyde

Concen: 19.546 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

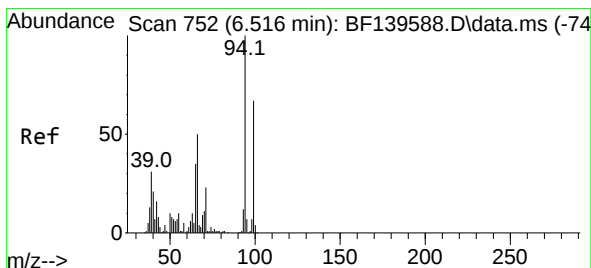
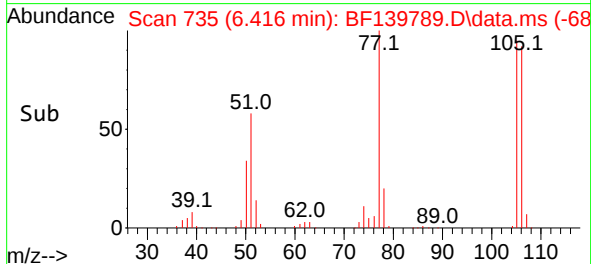
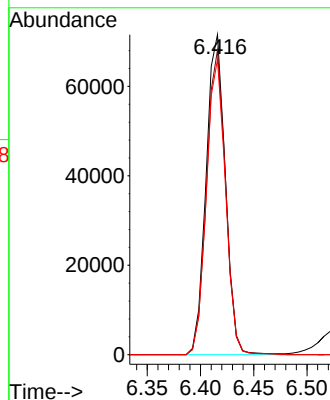
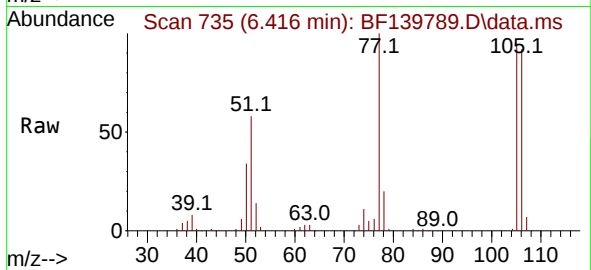
Tgt Ion: 77 Resp: 89750

Ion Ratio Lower Upper

77 100

105 95.2 72.7 112.7

106 92.3 70.1 110.1



#10

Phenol

Concen: 45.633 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

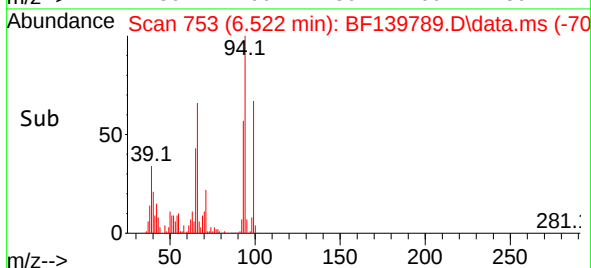
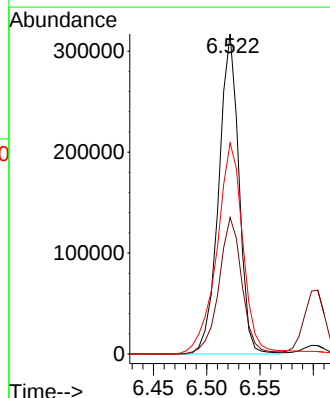
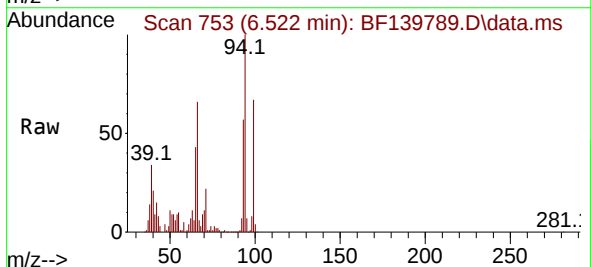
Tgt Ion: 94 Resp: 415931

Ion Ratio Lower Upper

94 100

65 42.7 15.3 55.3

66 66.0 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 44.440 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

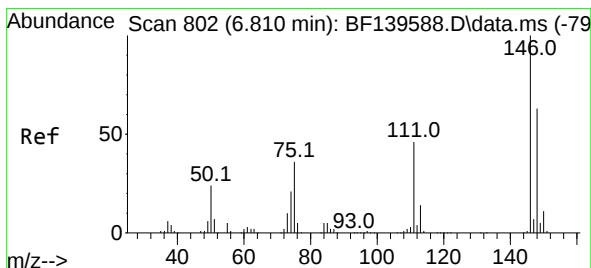
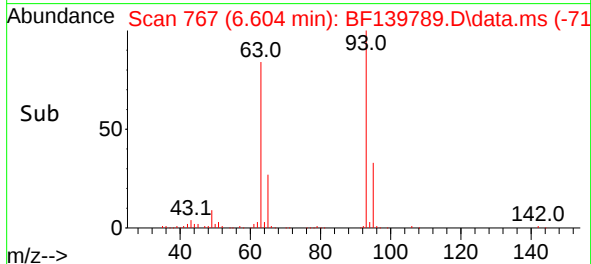
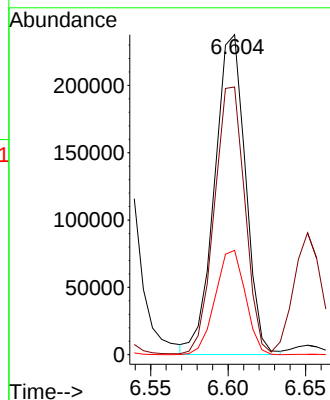
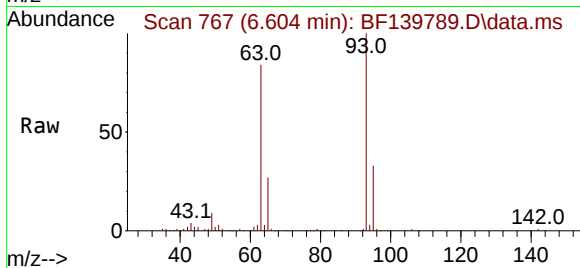
Tgt Ion: 93 Resp: 329805

Ion Ratio Lower Upper

93 100

63 83.6 64.1 104.1

95 32.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 43.498 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

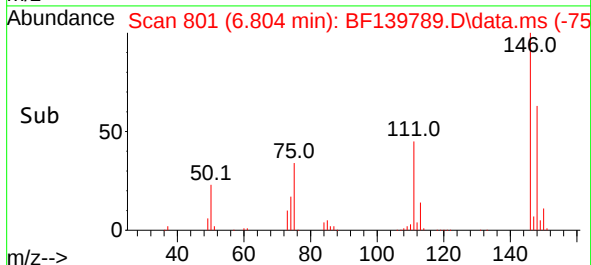
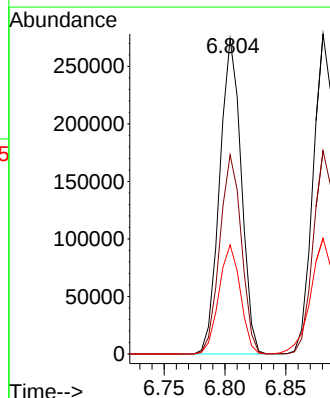
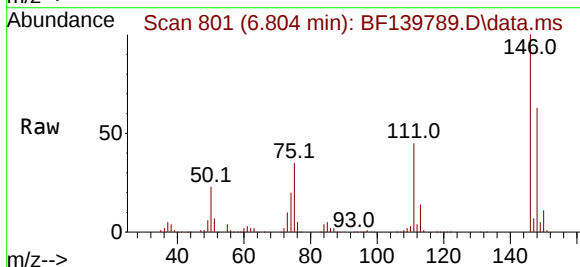
Tgt Ion: 146 Resp: 337932

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.4

75 34.6 28.5 42.7

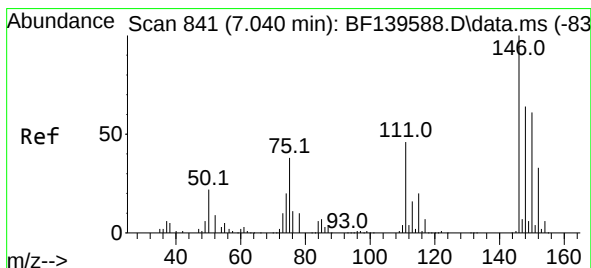
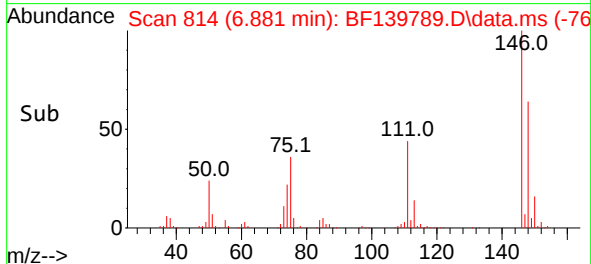
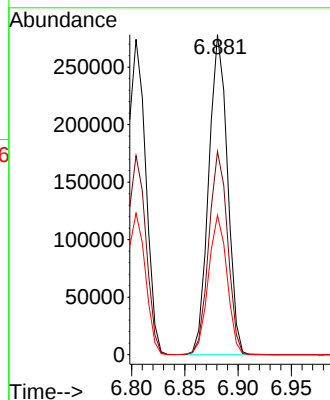
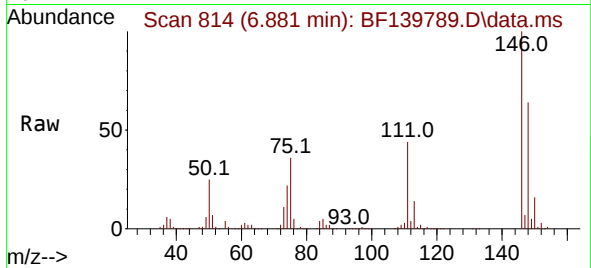




#13
1,4-Dichlorobenzene
Concen: 43.221 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

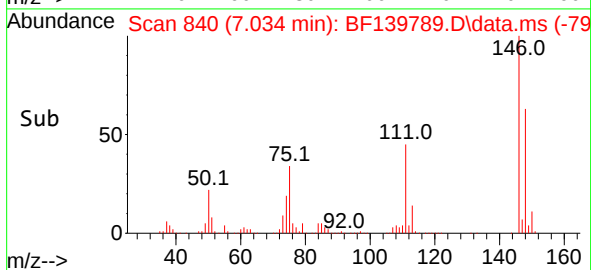
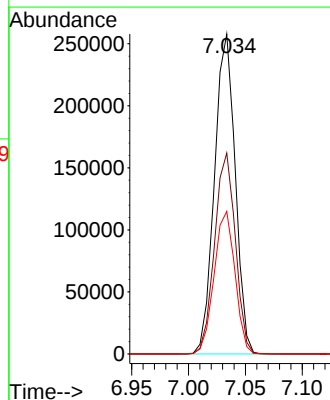
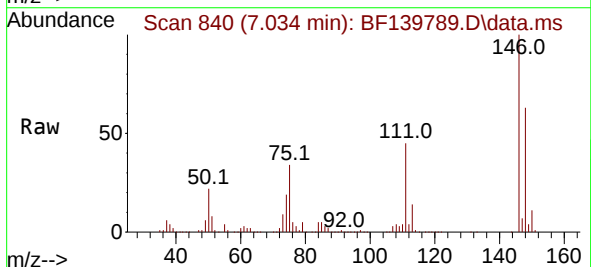
Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:146 Resp: 340080
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 43.6 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 44.419 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:146 Resp: 327567
Ion Ratio Lower Upper
146 100
148 62.8 51.2 76.8
111 44.5 37.0 55.6

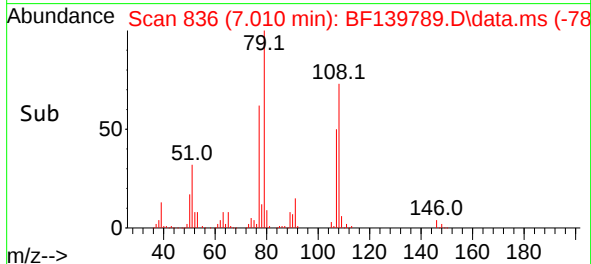
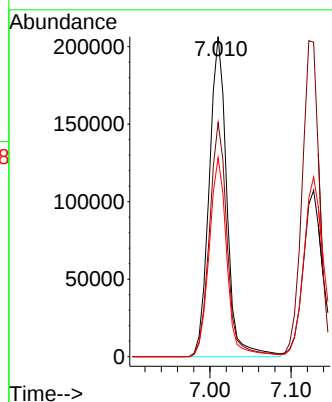
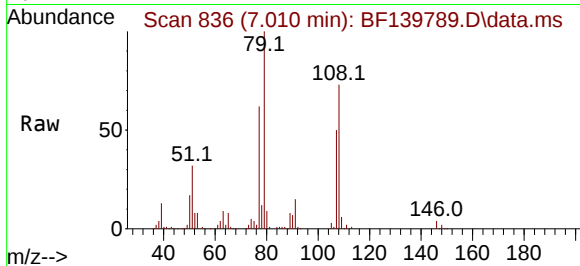




#15
Benzyl Alcohol
Concen: 46.986 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

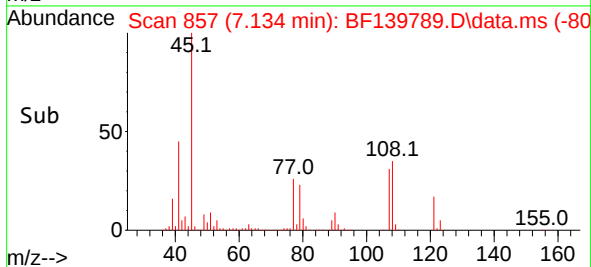
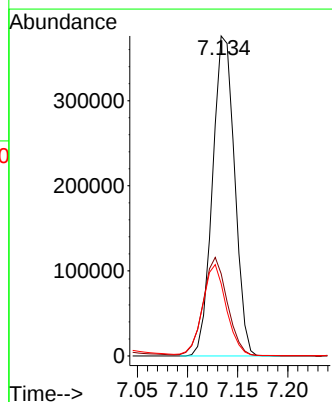
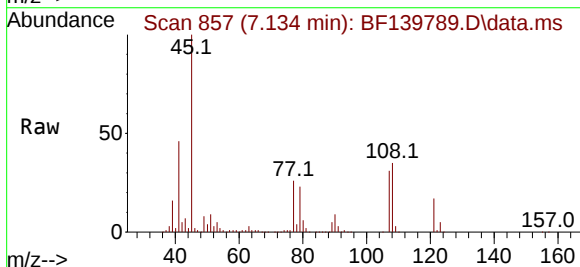
Instrument :
BNA_F
ClientSampleId :
PB164005BS

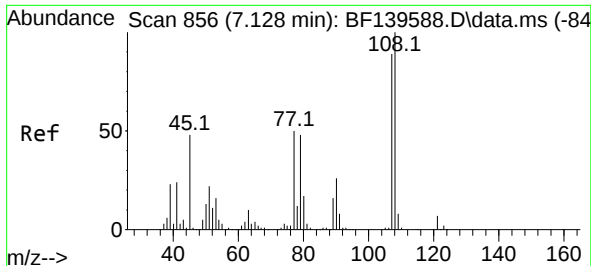
Tgt Ion: 79 Resp: 311195
Ion Ratio Lower Upper
79 100
108 73.2 55.1 82.7
77 62.2 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.810 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

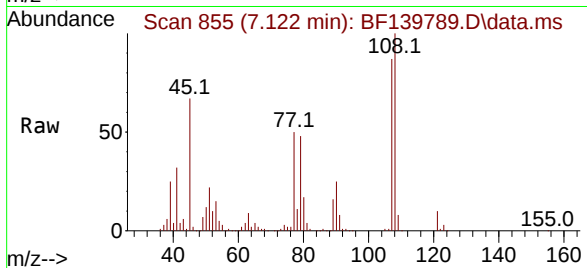
Tgt Ion: 45 Resp: 575697
Ion Ratio Lower Upper
45 100
77 25.7 0.0 32.5
79 22.6 0.0 29.7



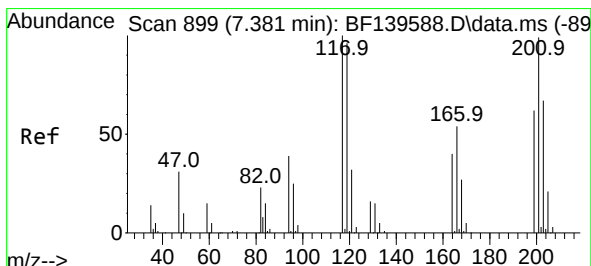
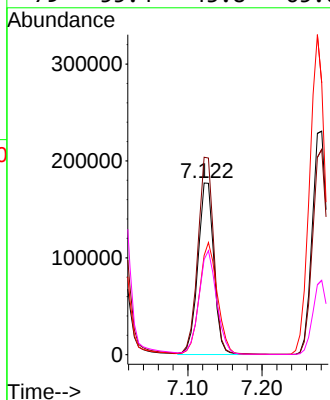
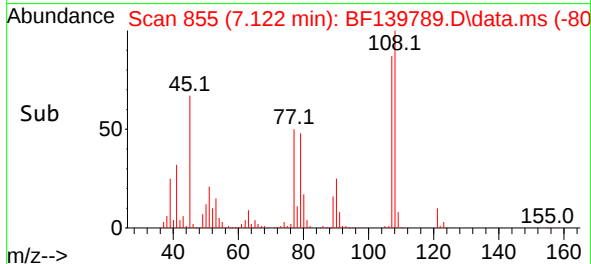


#17
2-Methylphenol
Concen: 45.927 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

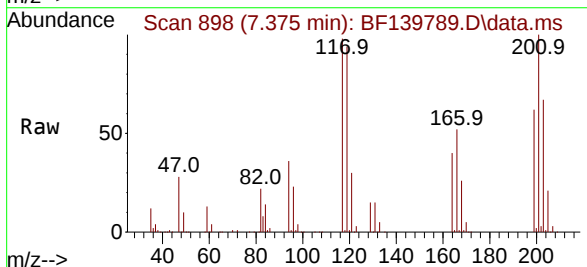
Instrument :
BNA_F
ClientSampleId :
PB164005BS



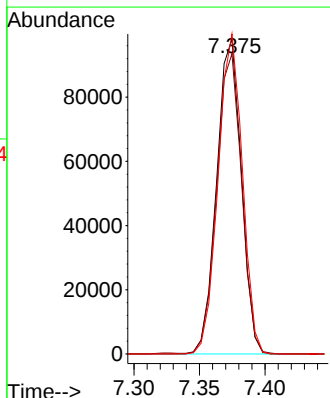
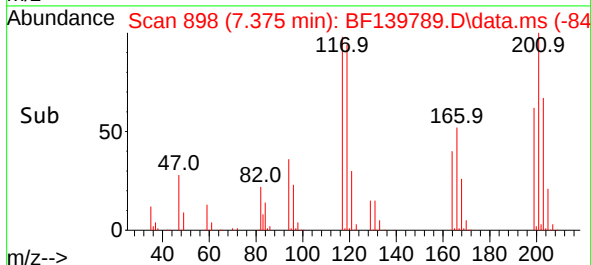
Tgt Ion:	107	Resp:	264782
Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.8	134.6
77	57.8	44.6	67.0
79	55.4	43.8	65.6



#18
Hexachloroethane
Concen: 43.718 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27



Tgt Ion:	117	Resp:	128308
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.6
201	101.6	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.587 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139789.D

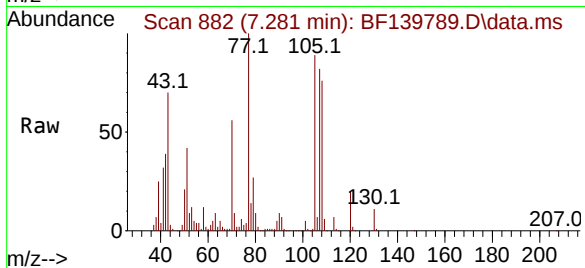
Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS



Tgt Ion: 70 Resp: 248480

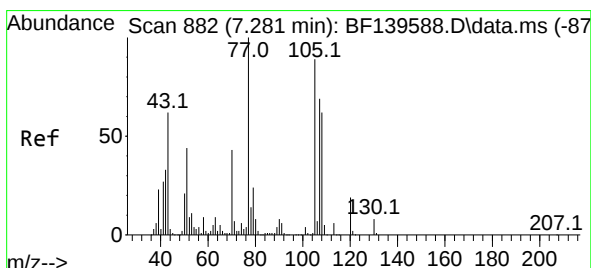
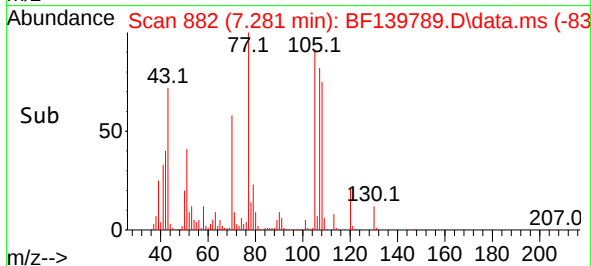
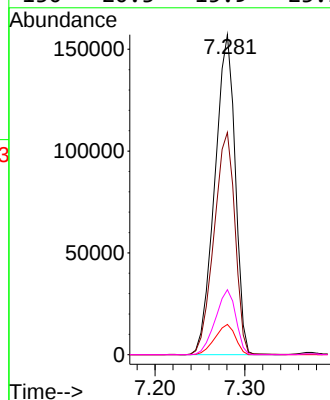
Ion Ratio Lower Upper

70 100

42 69.5 58.0 87.0

101 9.4 7.8 11.8

130 20.3 15.9 23.9



#20

3+4-Methylphenols

Concen: 44.966 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Tgt Ion:107 Resp: 325619

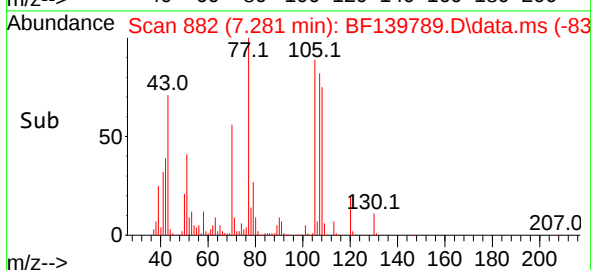
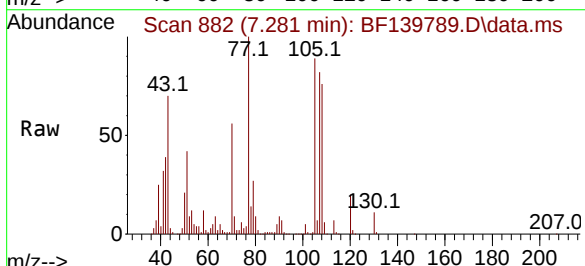
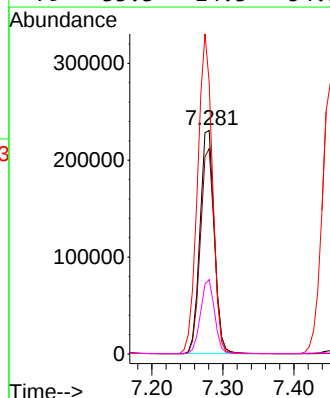
Ion Ratio Lower Upper

107 100

108 91.9 70.2 110.2

77 121.6 125.3 165.3#

79 33.3 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

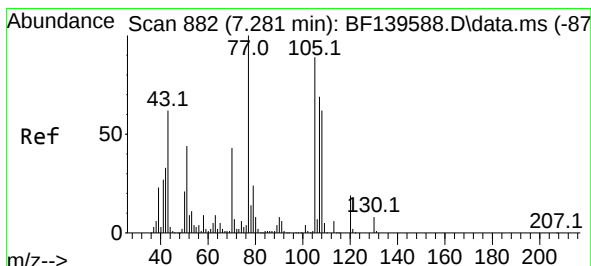
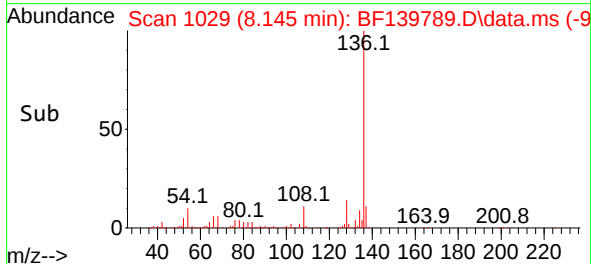
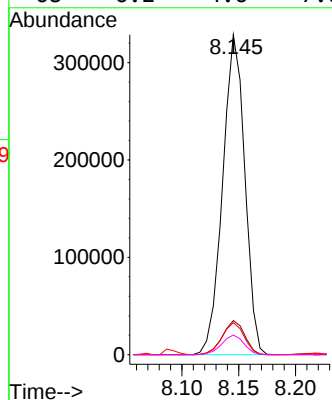
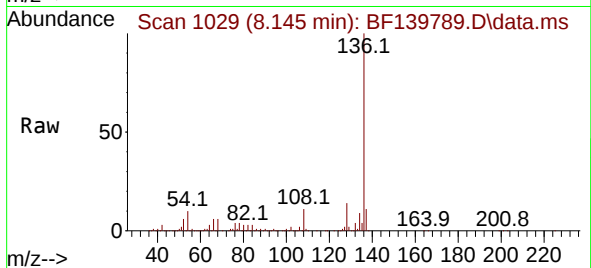
Instrument :

BNA_F

ClientSampleId :

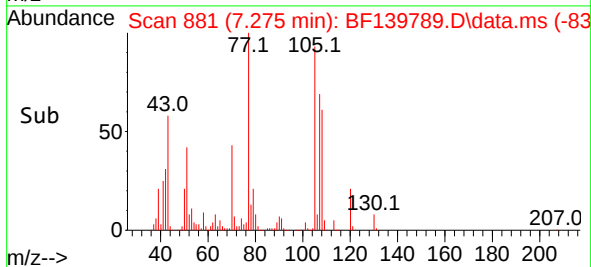
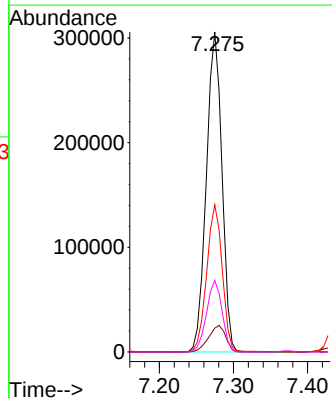
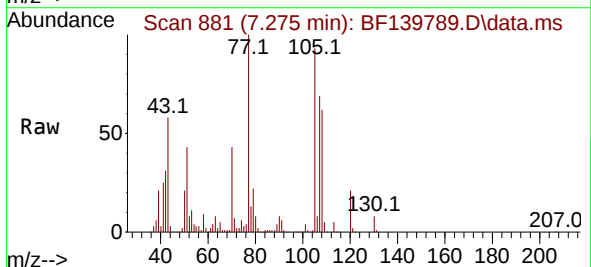
PB164005BS

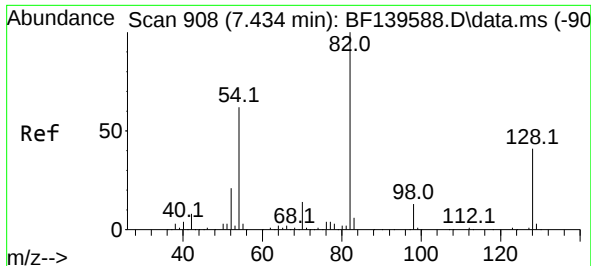
Tgt Ion:136 Resp: 446110
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.0 8.3 12.5
68 6.2 4.6 7.0



#22
Acetophenone
Concen: 42.225 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:105 Resp: 447132
Ion Ratio Lower Upper
105 100
71 7.5 6.6 10.0
51 46.0 39.4 59.0
120 22.3 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.776 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

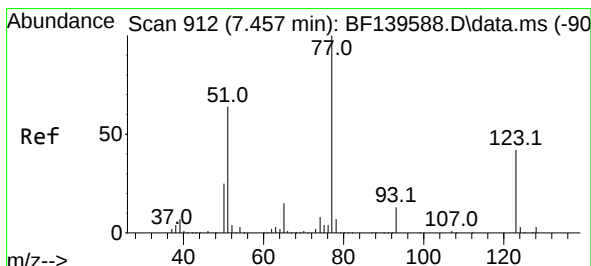
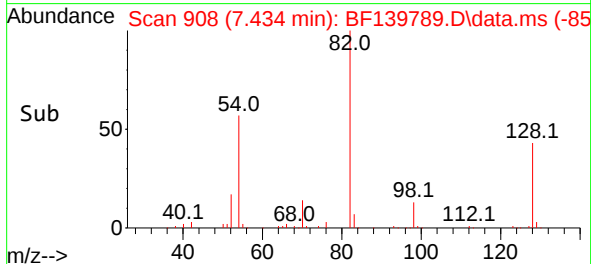
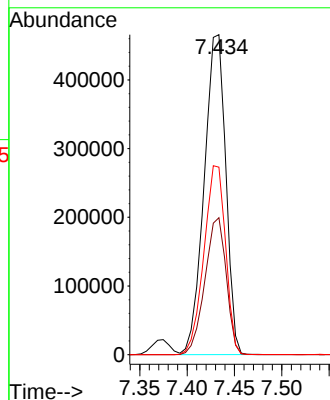
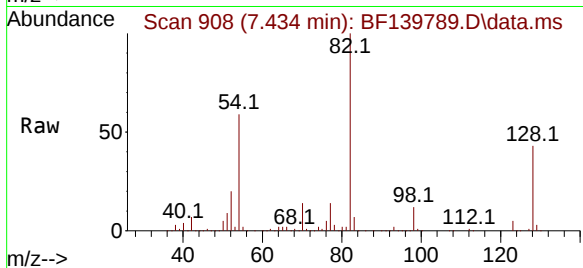
Tgt Ion: 82 Resp: 738163

Ion Ratio Lower Upper

82 100

128 42.8 32.4 48.6

54 58.6 49.1 73.7



#24

Nitrobenzene

Concen: 40.996 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

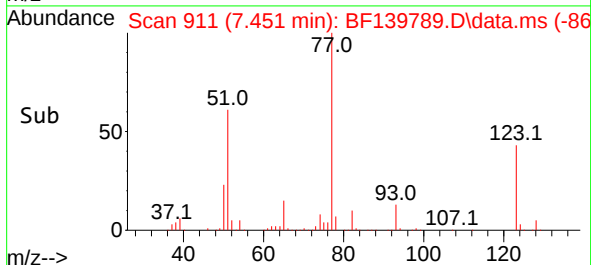
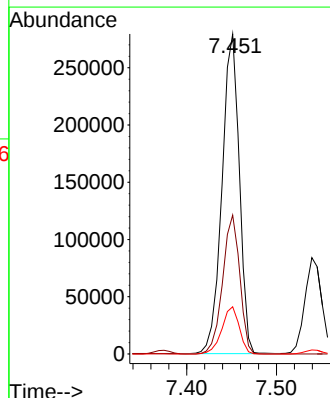
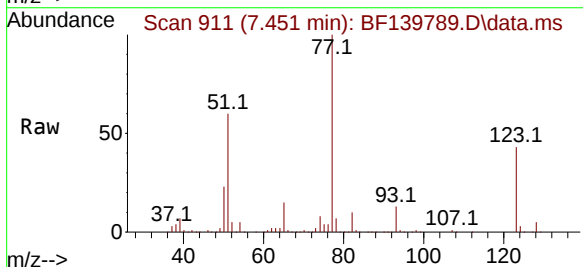
Tgt Ion: 77 Resp: 374048

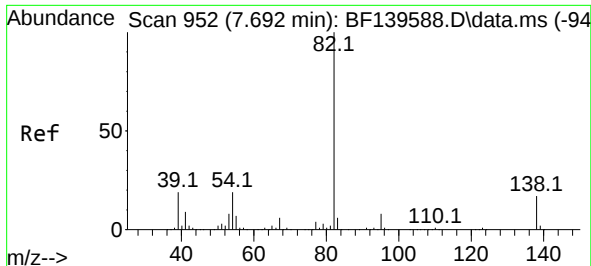
Ion Ratio Lower Upper

77 100

123 43.4 34.2 51.4

65 14.7 12.1 18.1

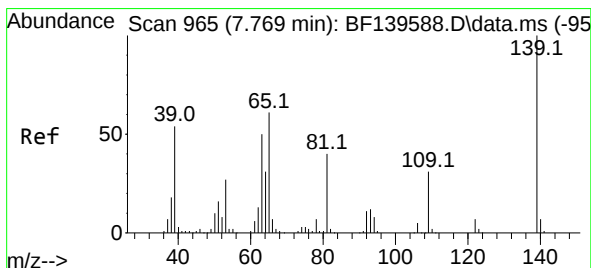
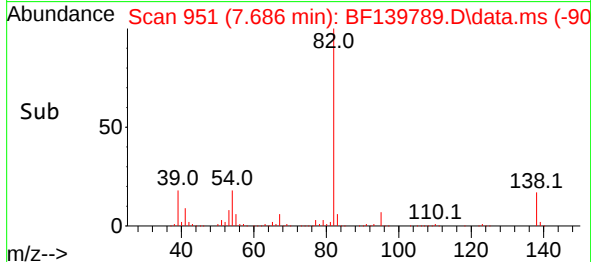
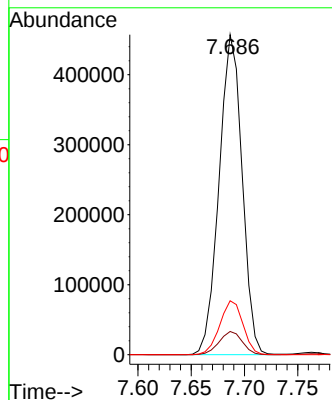
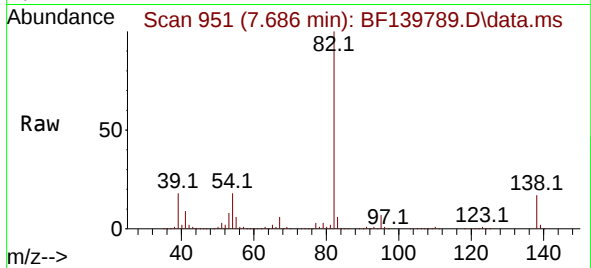




#25
Isophorone
Concen: 43.887 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

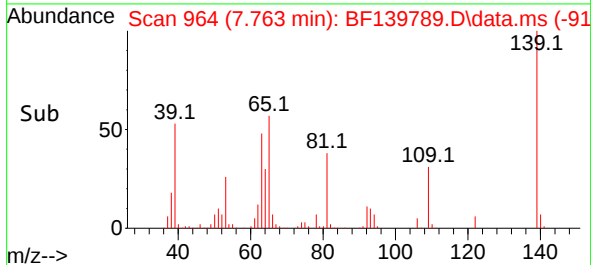
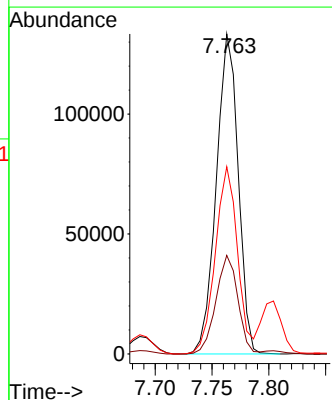
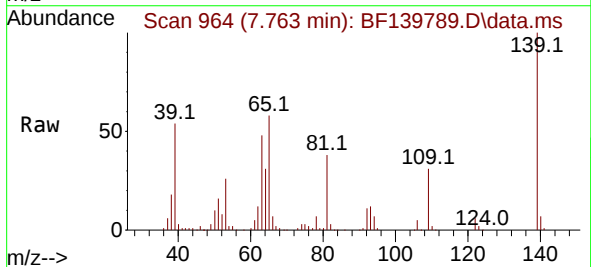
Instrument :
BNA_F
ClientSampleId :
PB164005BS

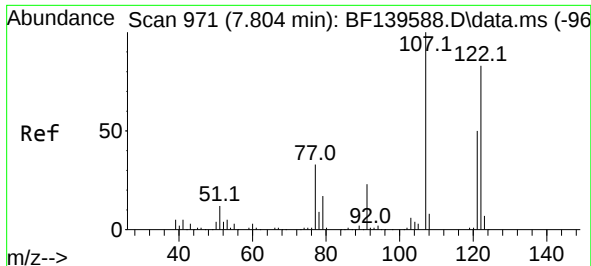
Tgt Ion: 82 Resp: 686809
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.9 13.4 20.2



#26
2-Nitrophenol
Concen: 45.621 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:139 Resp: 178942
Ion Ratio Lower Upper
139 100
109 30.8 24.9 37.3
65 58.5 48.6 72.8

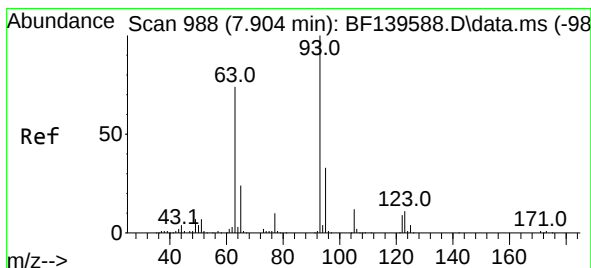
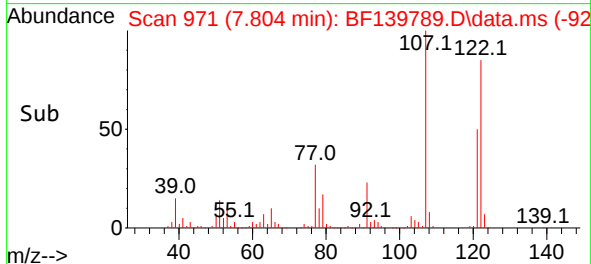
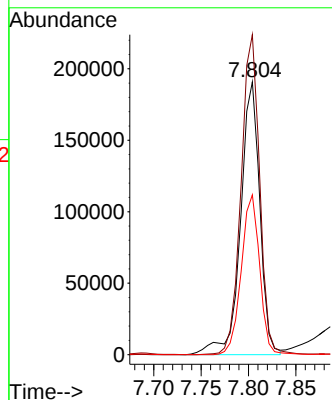
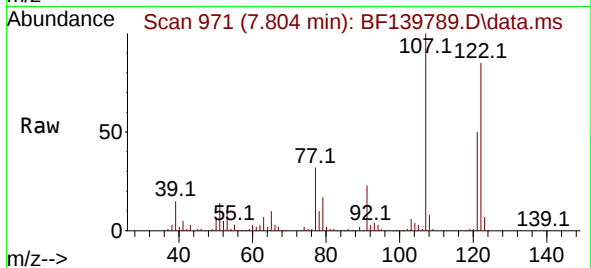




#27
2,4-Dimethylphenol
Concen: 56.281 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

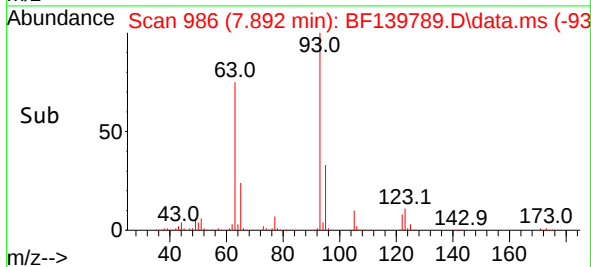
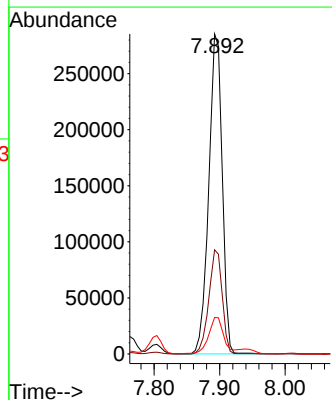
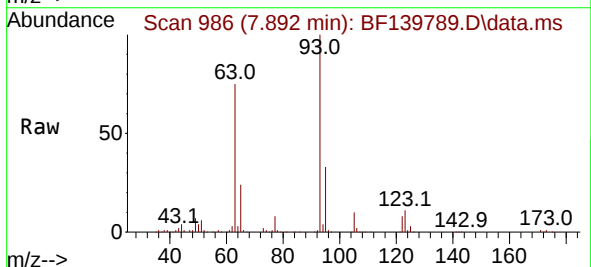
Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:122 Resp: 270248
Ion Ratio Lower Upper
122 100
107 117.3 95.4 143.0
121 58.6 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.562 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion: 93 Resp: 407089
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.711 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

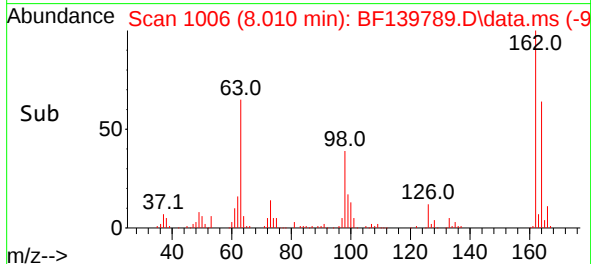
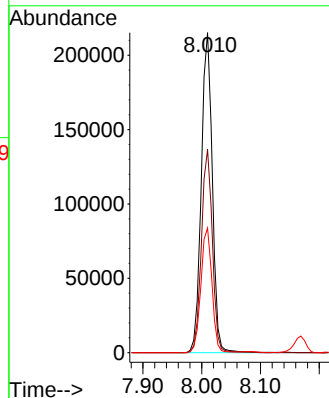
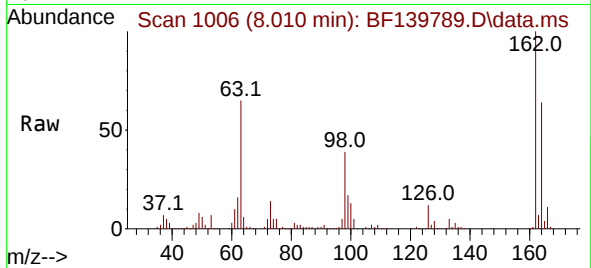
Tgt Ion:162 Resp: 280029

Ion Ratio Lower Upper

162 100

164 63.5 43.1 83.1

98 38.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 40.791 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

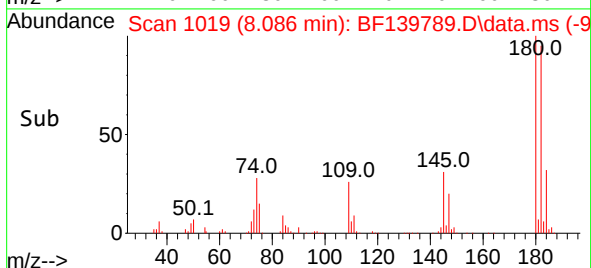
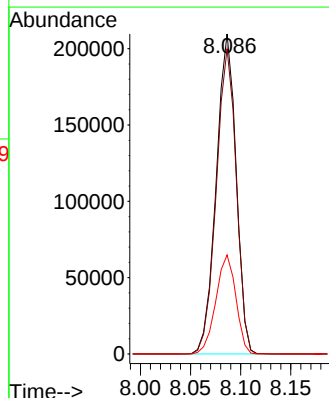
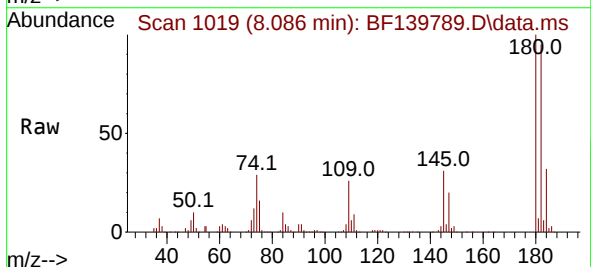
Tgt Ion:180 Resp: 288919

Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 31.0 25.0 37.6

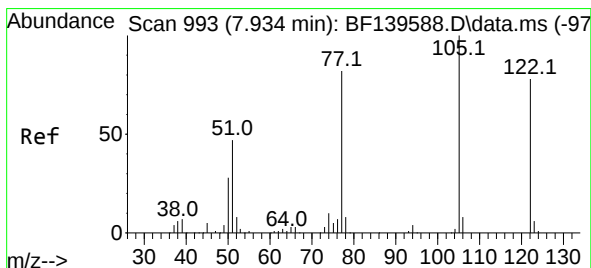
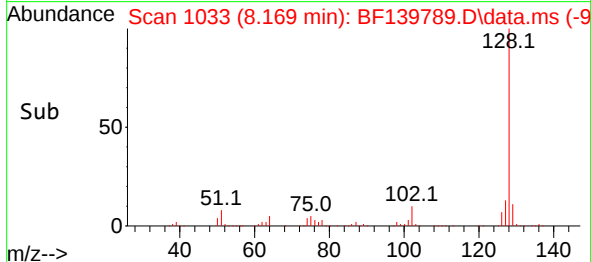
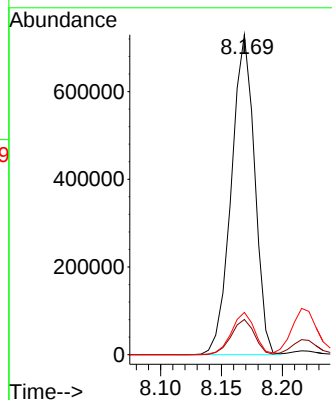
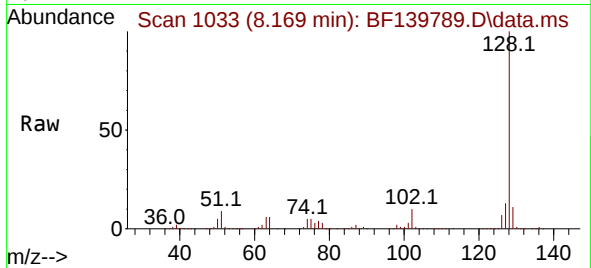




#31
Naphthalene
Concen: 42.459 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

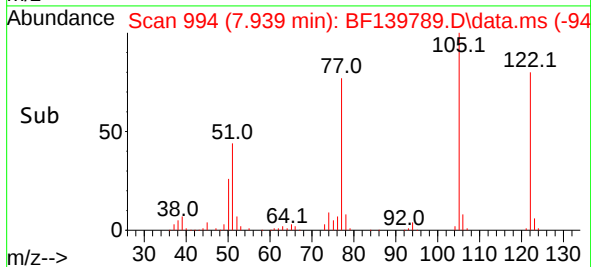
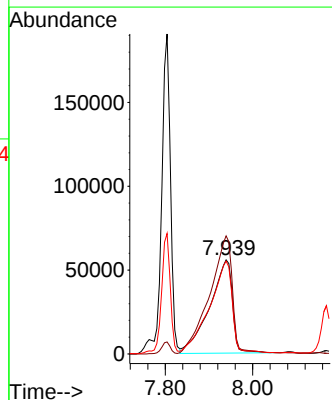
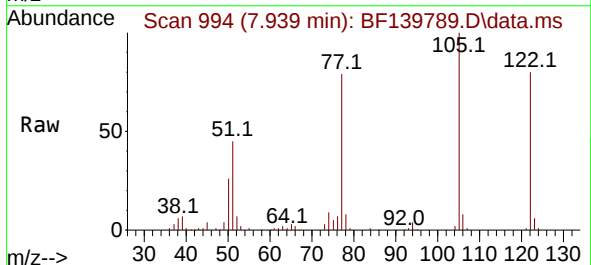
Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:128 Resp: 968446
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 42.022 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:122 Resp: 200641
Ion Ratio Lower Upper
122 100
105 125.6 104.9 144.9
77 98.7 82.7 122.7

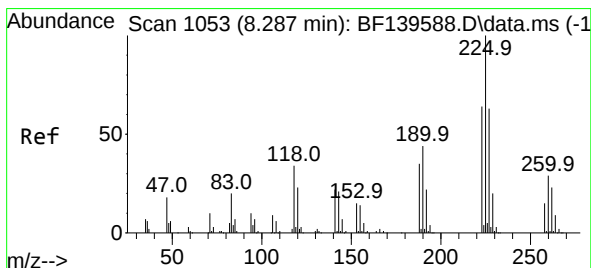
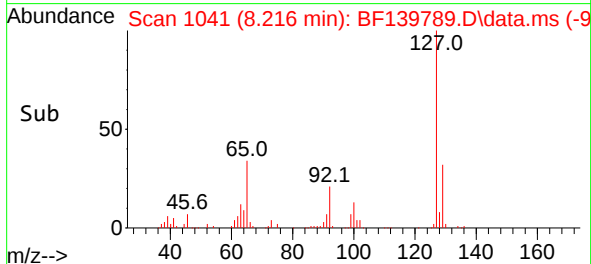
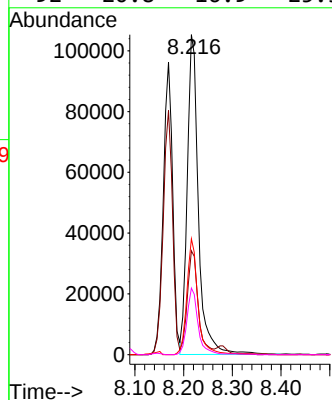
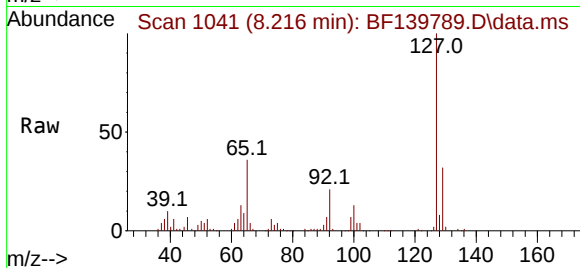




#33
4-Chloroaniline
Concen: 21.725 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

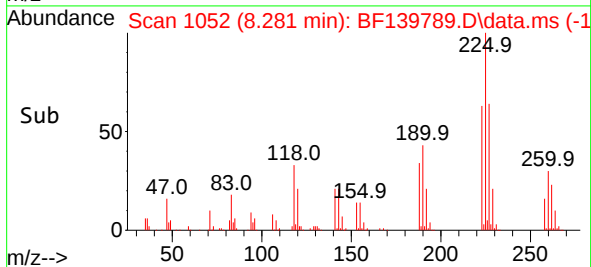
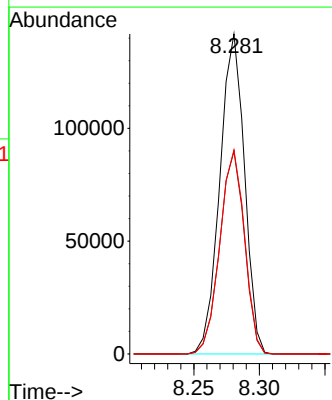
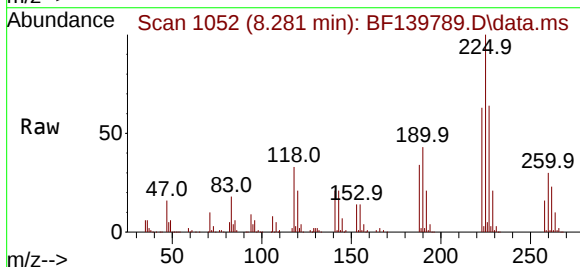
Instrument :
BNA_F
ClientSampleId :
PB164005BS

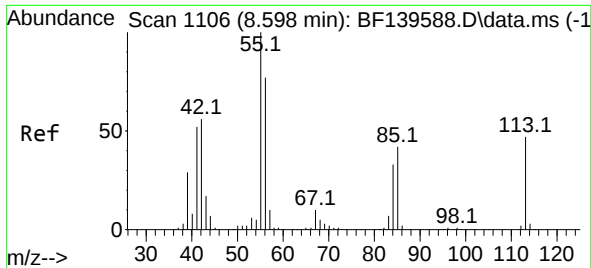
Tgt Ion:127	Resp: 167730
Ion Ratio	Lower Upper
127 100	
129 32.5	26.2 39.4
65 36.2	29.3 43.9
92 20.8	16.9 25.3



#34
Hexachlorobutadiene
Concen: 40.425 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:225	Resp: 185294
Ion Ratio	Lower Upper
225 100	
223 63.3	50.9 76.3
227 63.8	50.7 76.1

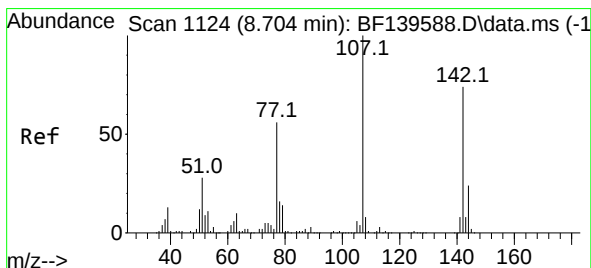
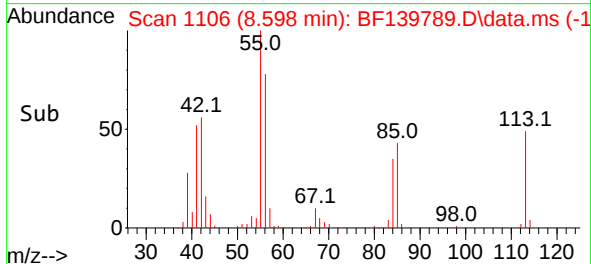
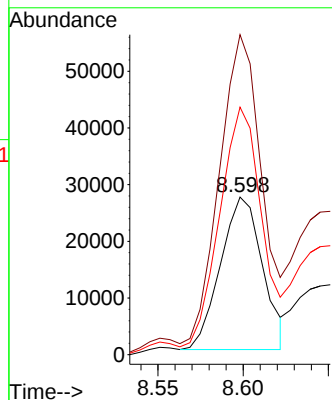
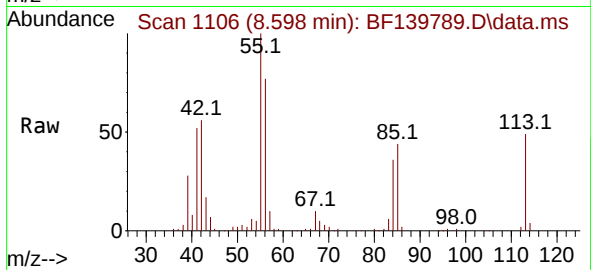




#35
 Caprolactam
 Concen: 22.493 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139789.D
 Acq: 14 Oct 2024 15:27

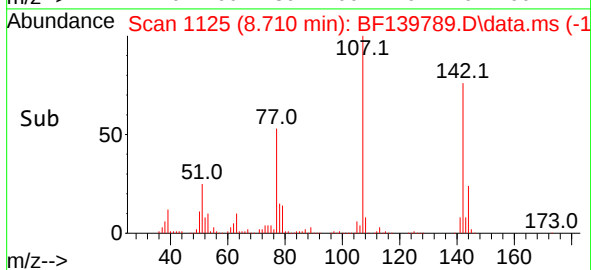
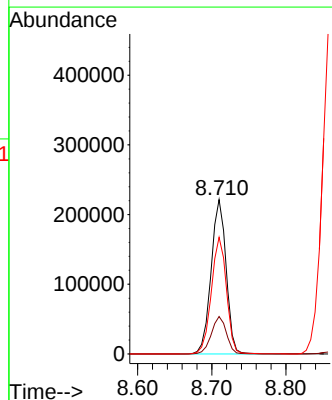
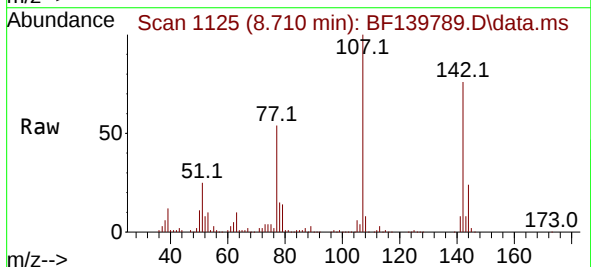
Instrument :
 BNA_F
 ClientSampleId :
 PB164005BS

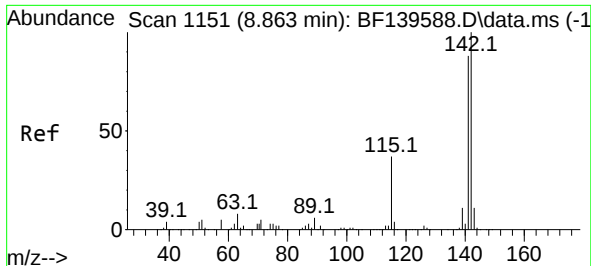
Tgt Ion:113 Resp: 46206
 Ion Ratio Lower Upper
 113 100
 55 203.0 193.4 233.4
 56 157.1 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.146 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139789.D
 Acq: 14 Oct 2024 15:27

Tgt Ion:107 Resp: 312991
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 75.6 59.2 88.8

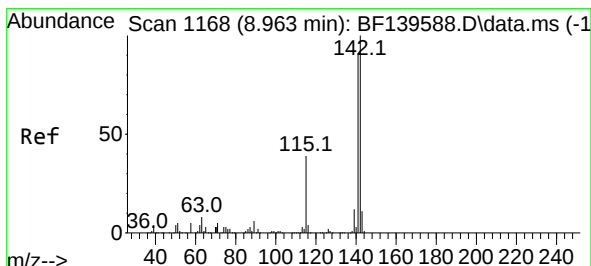
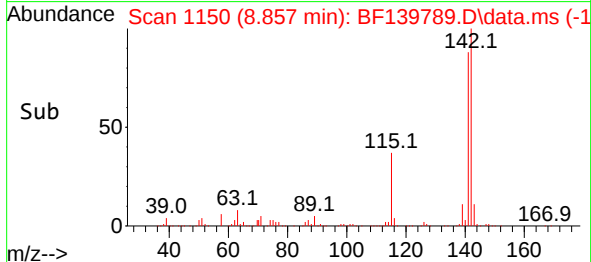
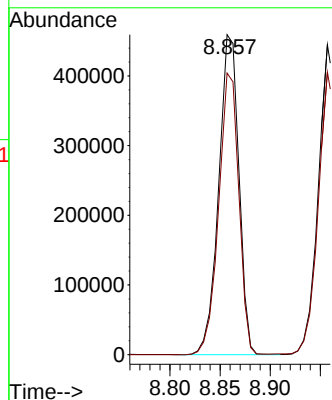
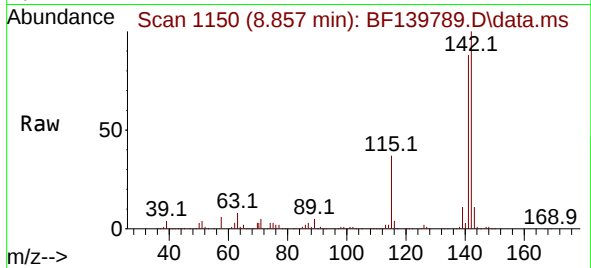




#37
2-Methylnaphthalene
Concen: 43.170 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

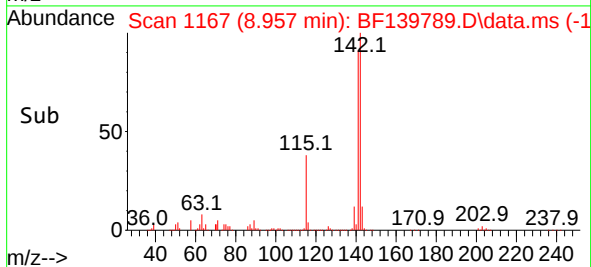
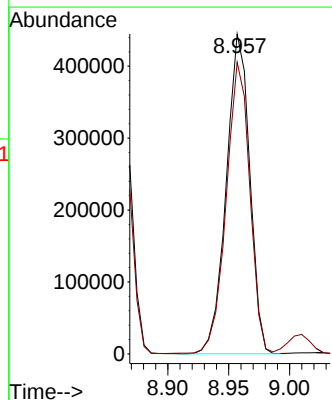
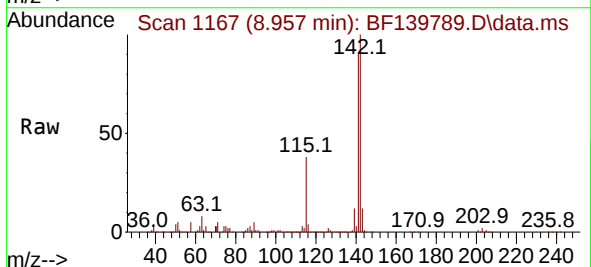
Instrument :
BNA_F
ClientSampleId :
PB164005BS

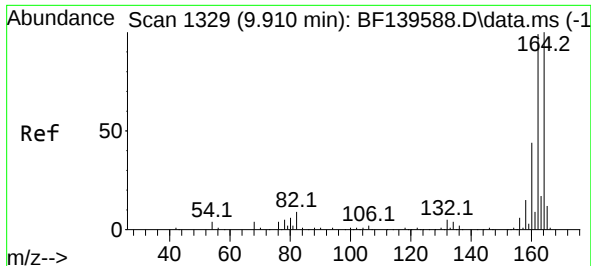
Tgt Ion:142 Resp: 641303
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.067 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:142 Resp: 596320
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

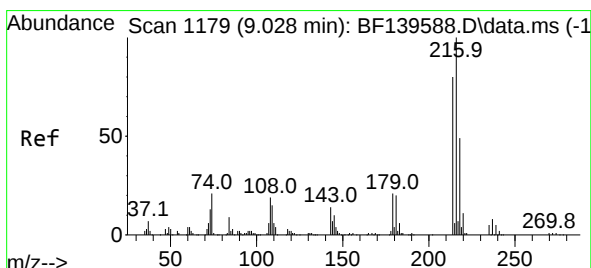
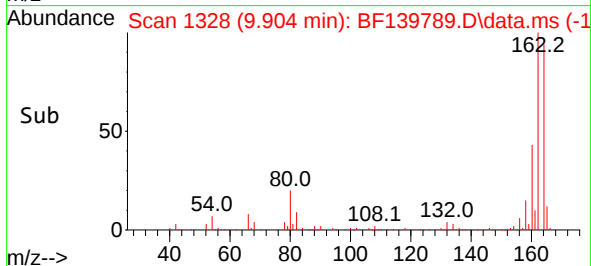
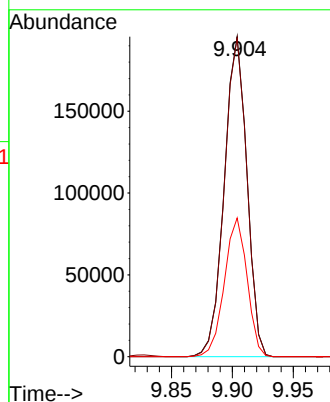
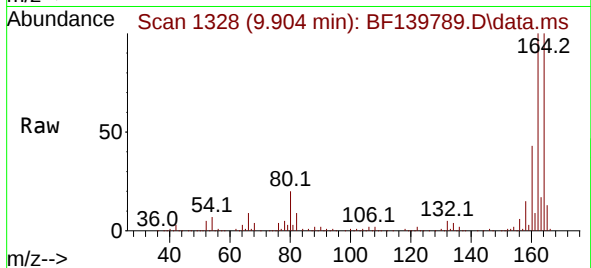
Tgt Ion:164 Resp: 253965

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

160 43.3 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.406 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Tgt Ion:216 Resp: 299055

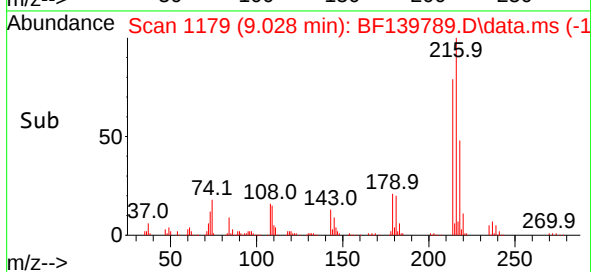
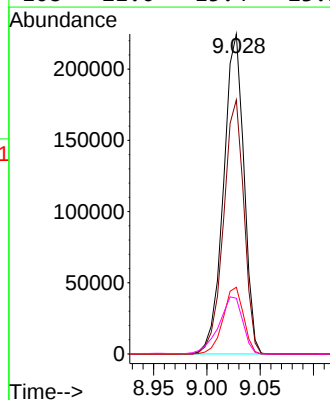
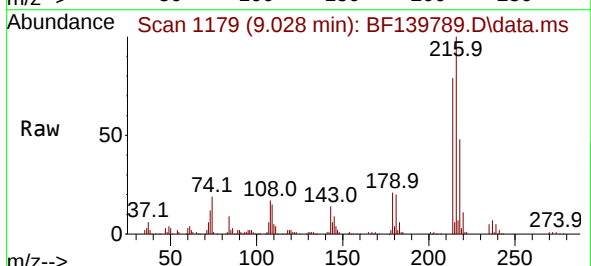
Ion Ratio Lower Upper

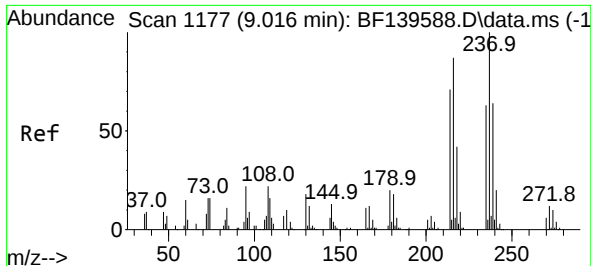
216 100

214 79.1 63.7 95.5

179 20.9 16.9 25.3

108 21.0 15.4 23.2

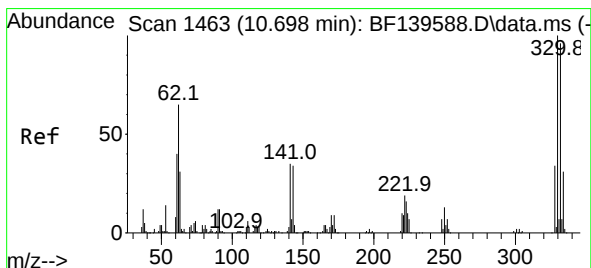
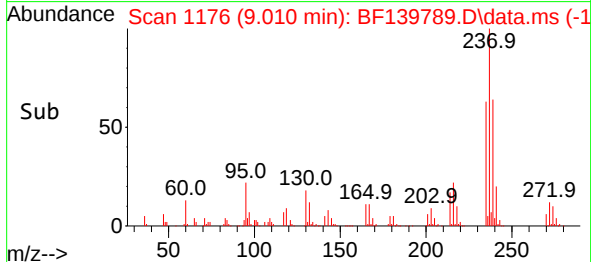
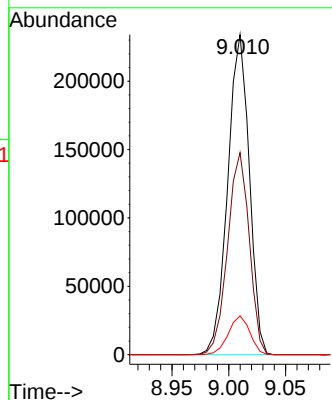
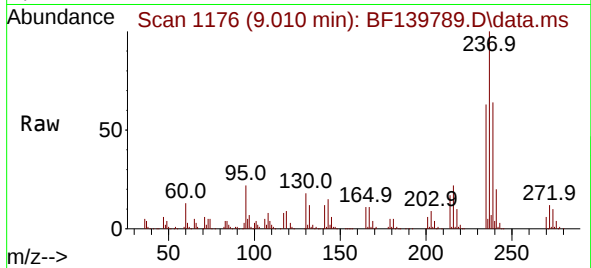




#41
Hexachlorocyclopentadiene
Concen: 142.938 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

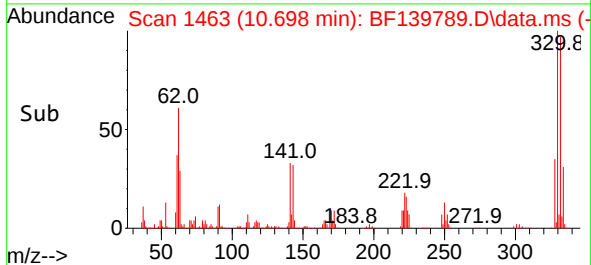
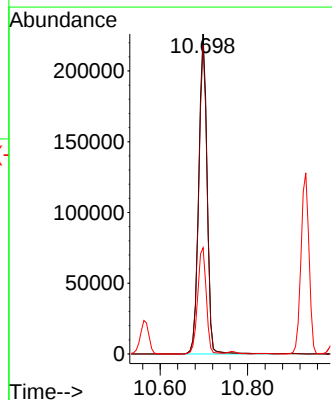
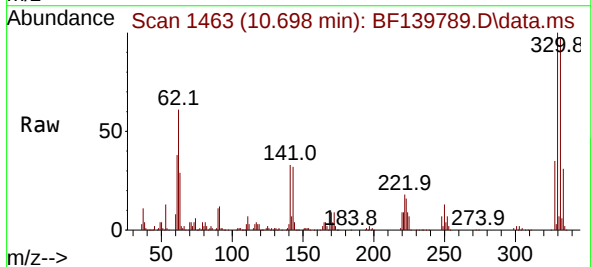
Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:237 Resp: 309089
Ion Ratio Lower Upper
237 100
235 63.2 42.5 82.5
272 12.2 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 123.328 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:330 Resp: 302354
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 34.1 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 43.708 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

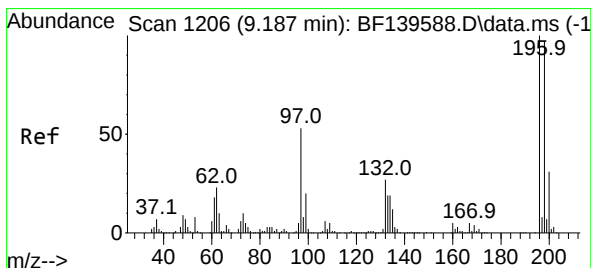
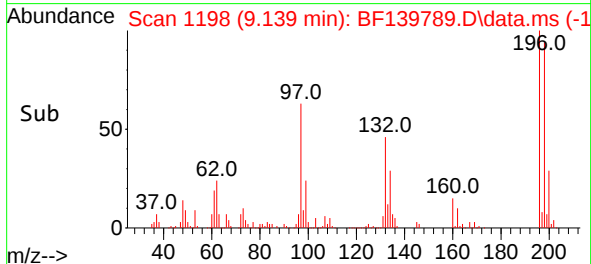
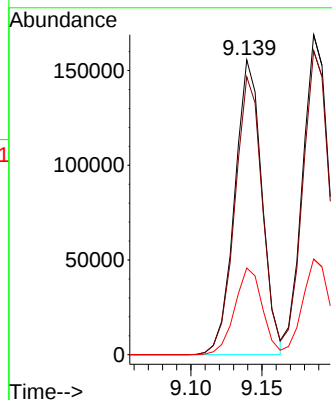
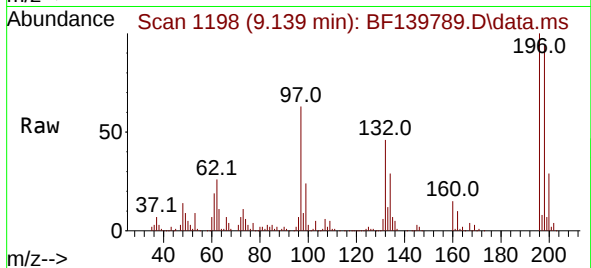
Tgt Ion:196 Resp: 207795

Ion Ratio Lower Upper

196 100

198 94.2 75.2 112.8

200 29.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.861 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Tgt Ion:196 Resp: 219744

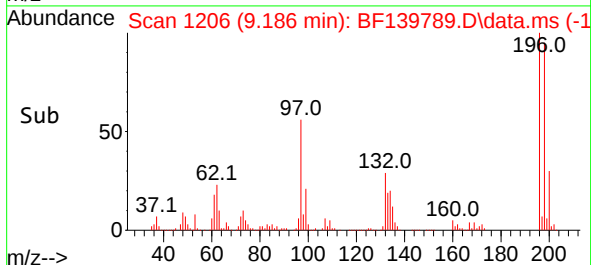
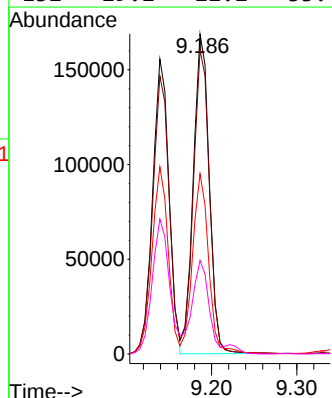
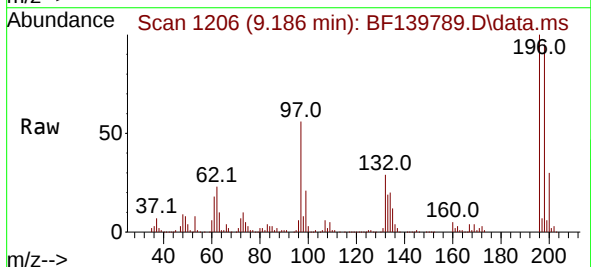
Ion Ratio Lower Upper

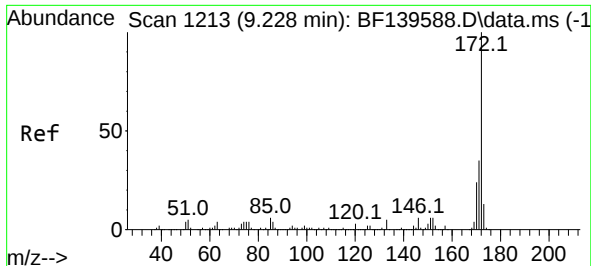
196 100

198 95.0 77.5 116.3

97 56.3 43.1 64.7

132 29.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 83.238 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

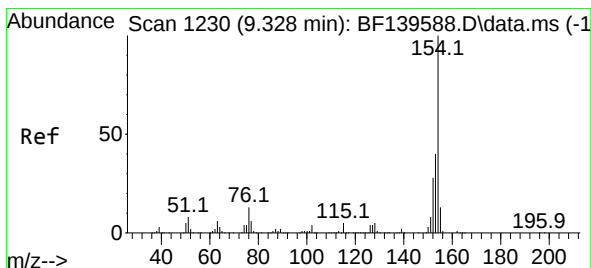
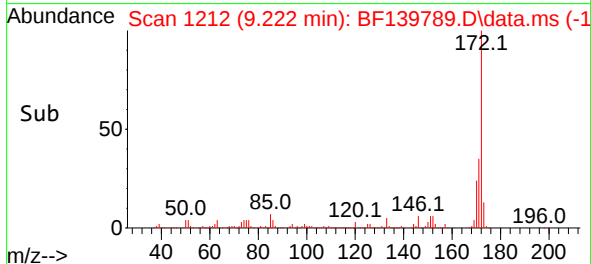
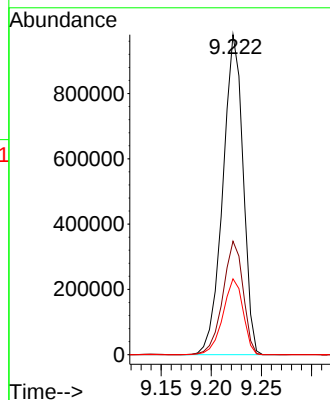
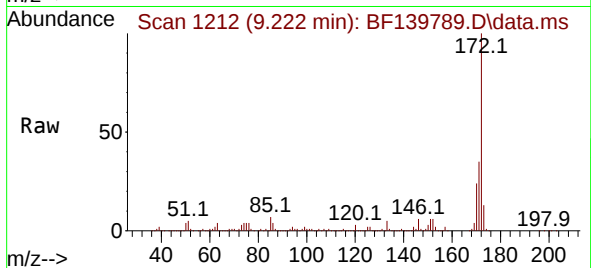
Tgt Ion:172 Resp: 1377003

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.220 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

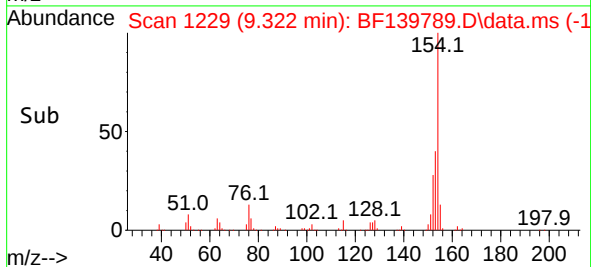
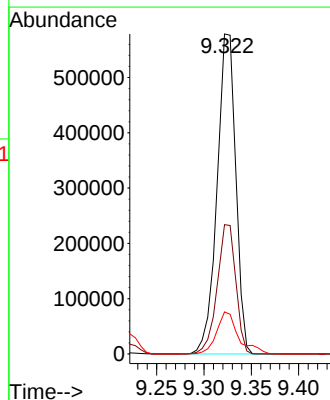
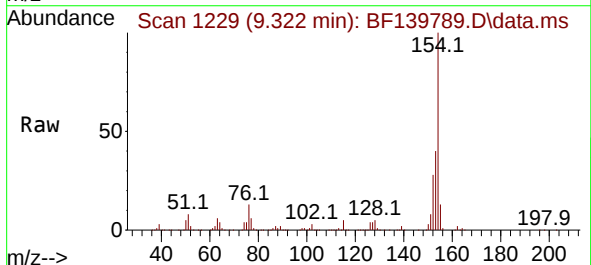
Tgt Ion:154 Resp: 797496

Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 13.1 0.0 32.6

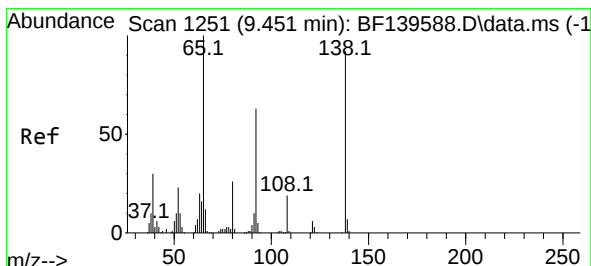
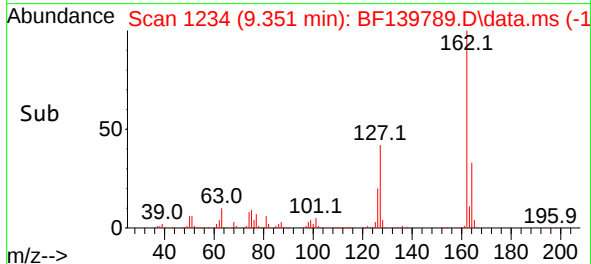
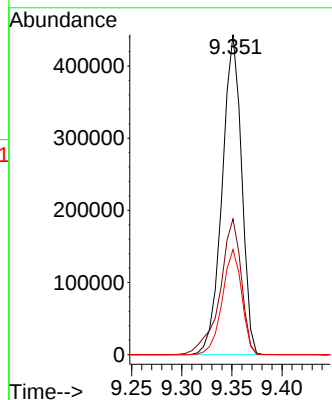
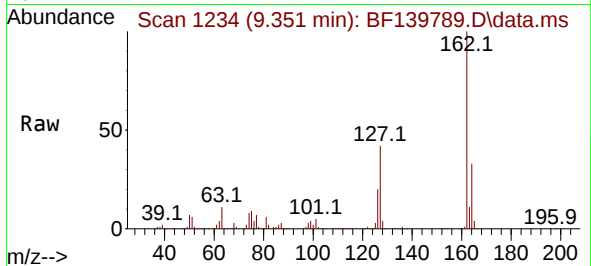




#47
2-Chloronaphthalene
Concen: 42.198 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

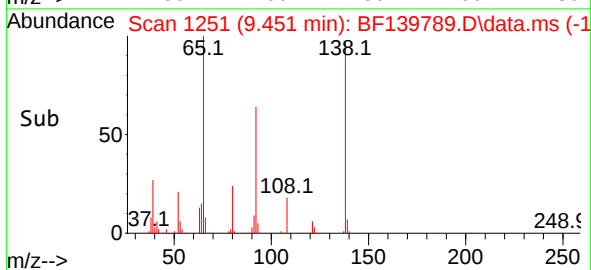
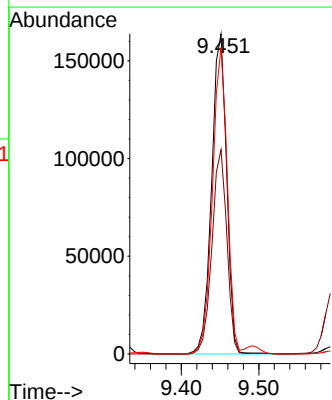
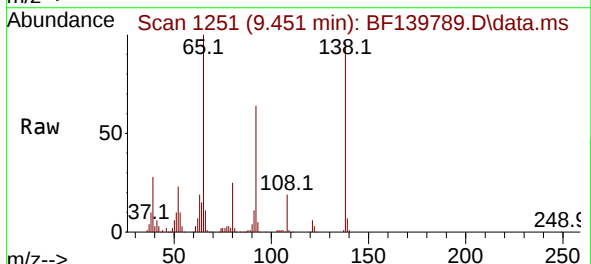
Instrument :
BNA_F
ClientSampleId :
PB164005BS

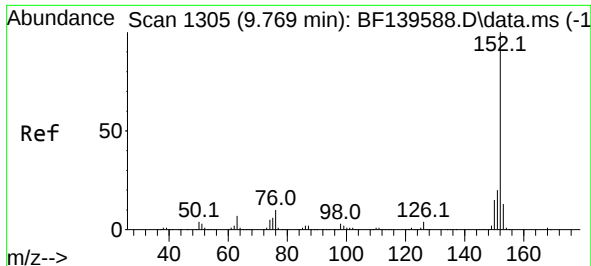
Tgt Ion:162 Resp: 597557
Ion Ratio Lower Upper
162 100
127 42.4 35.0 52.4
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 43.390 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

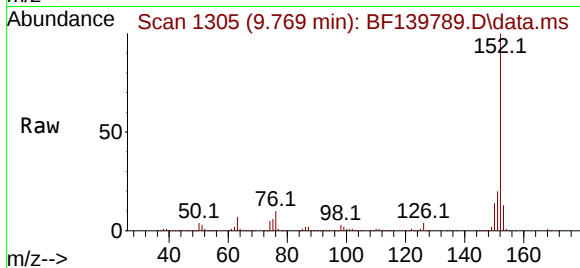
Tgt Ion: 65 Resp: 220565
Ion Ratio Lower Upper
65 100
92 63.8 50.0 75.0
138 95.7 73.8 110.8



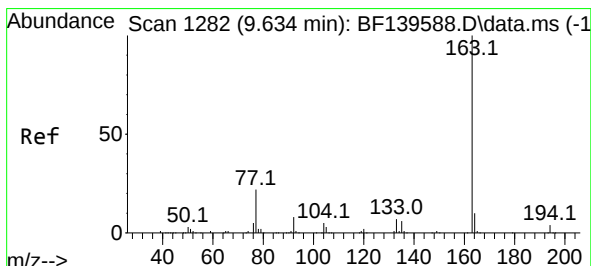
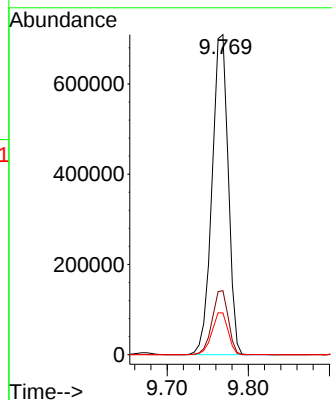
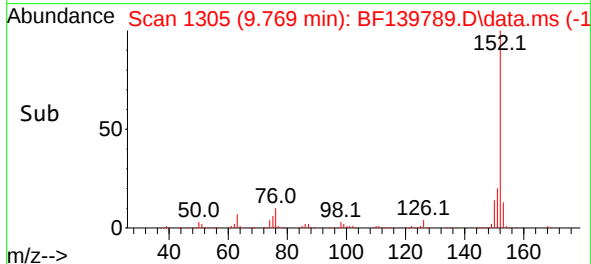


#49
Acenaphthylene
Concen: 45.618 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

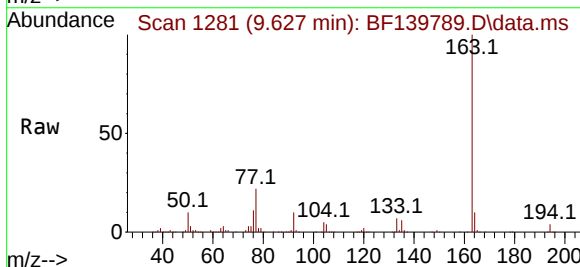
Instrument :
BNA_F
ClientSampleId :
PB164005BS



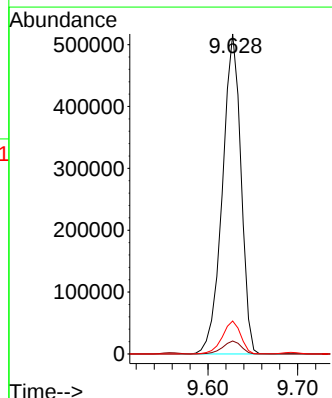
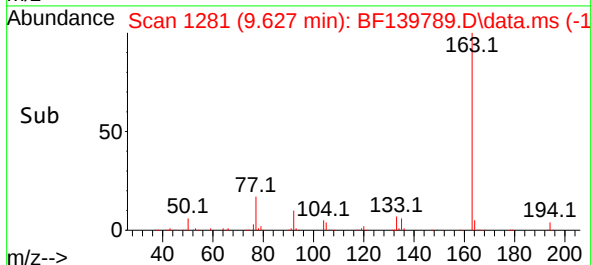
Tgt Ion:152 Resp: 982386
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 44.703 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27



Tgt Ion:163 Resp: 743178
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 42.434 ng

RT: 9.692 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

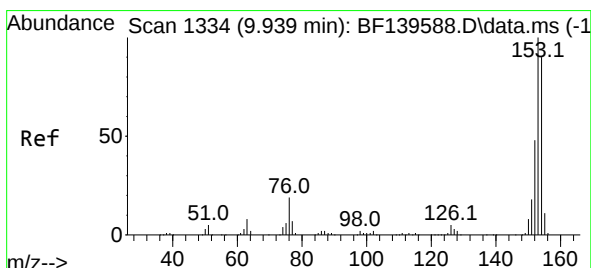
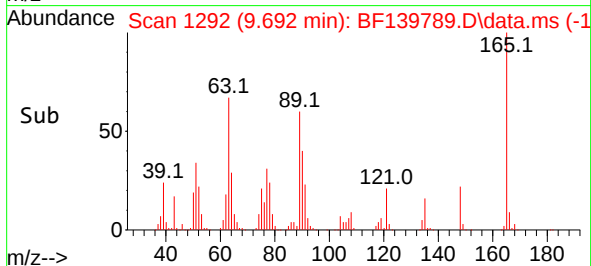
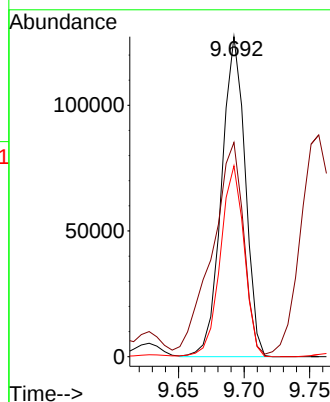
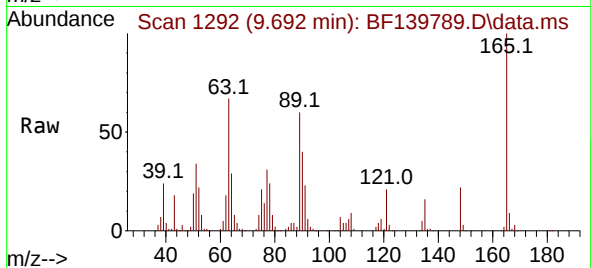
Tgt Ion:165 Resp: 159360

Ion Ratio Lower Upper

165 100

63 67.0 56.7 85.1

89 59.7 51.6 77.4



#52

Acenaphthene

Concen: 40.784 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

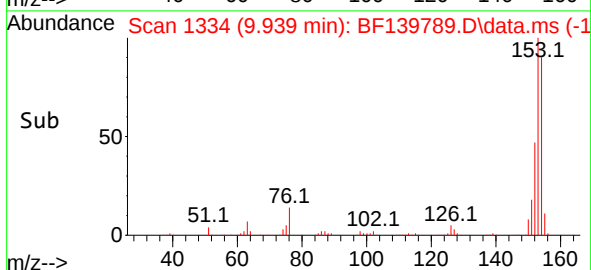
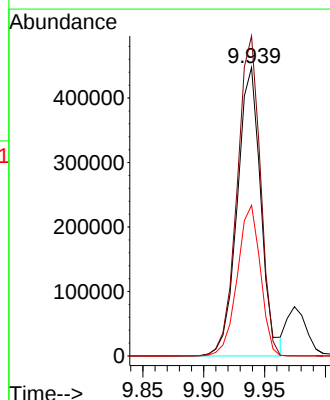
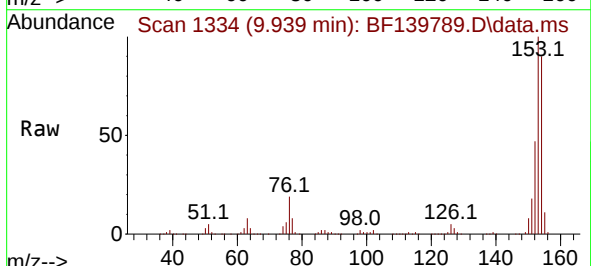
Tgt Ion:154 Resp: 602947

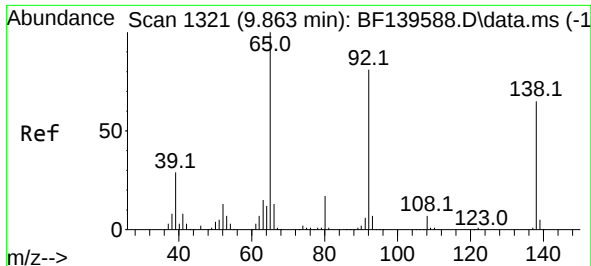
Ion Ratio Lower Upper

154 100

153 110.9 88.8 133.2

152 52.2 42.5 63.7





#53
3-Nitroaniline
Concen: 30.525 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

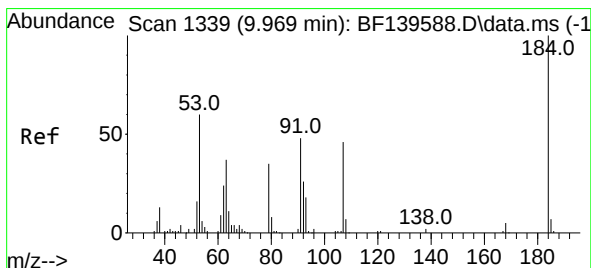
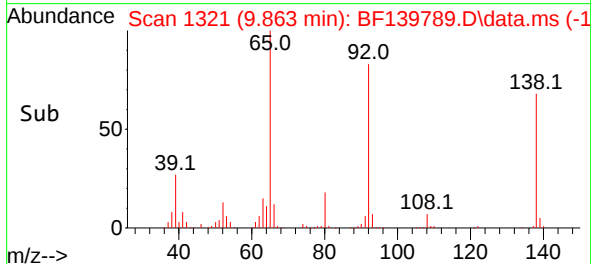
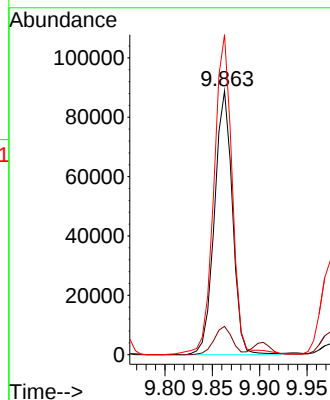
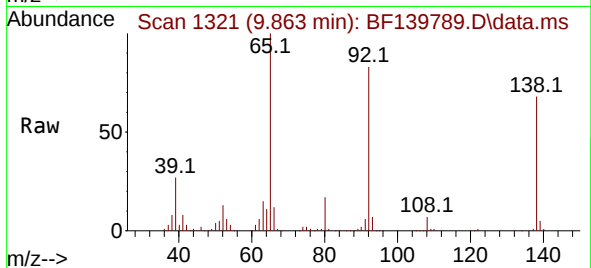
Instrument :

BNA_F

ClientSampleId :

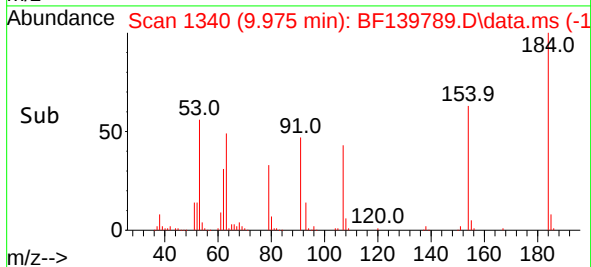
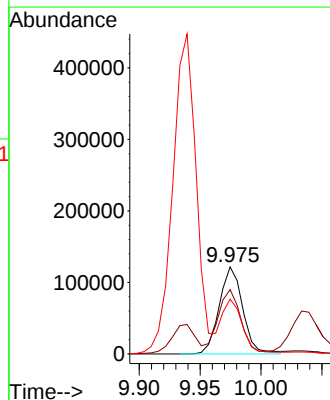
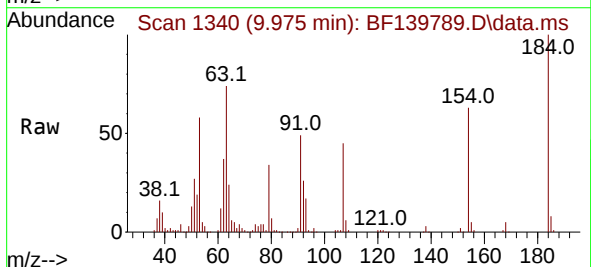
PB164005BS

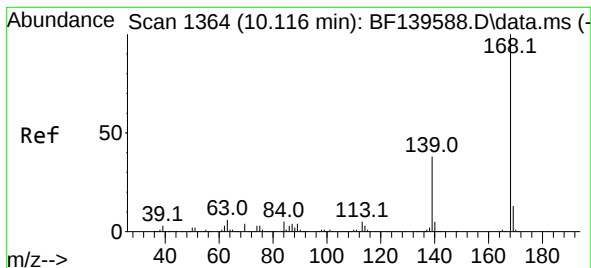
Tgt Ion:138 Resp: 117146
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 121.3 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 80.981 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:184 Resp: 163575
Ion Ratio Lower Upper
184 100
63 74.0 61.7 92.5
154 62.8 53.0 79.4





#55

Dibenzofuran

Concen: 42.785 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

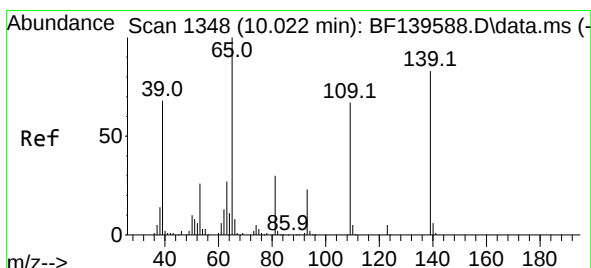
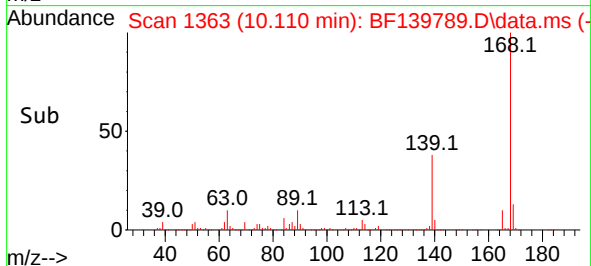
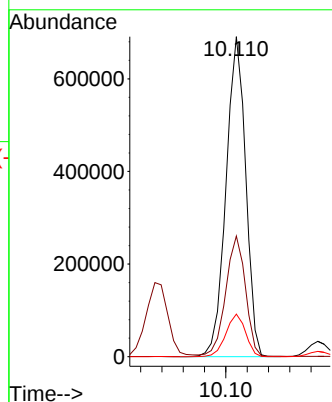
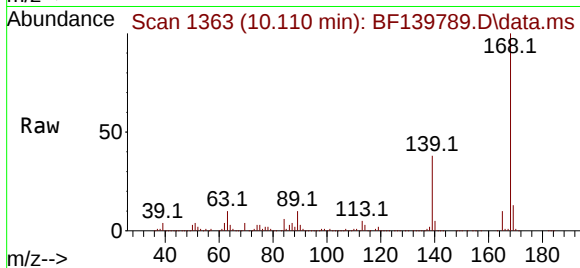
Tgt Ion:168 Resp: 885622

Ion Ratio Lower Upper

168 100

139 37.7 30.4 45.6

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 79.223 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

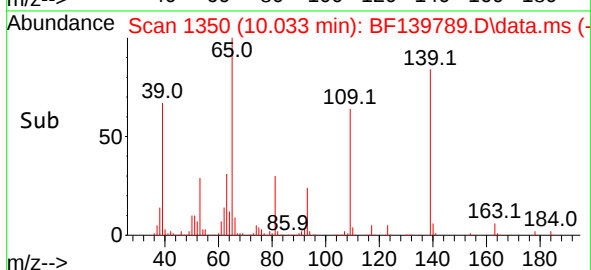
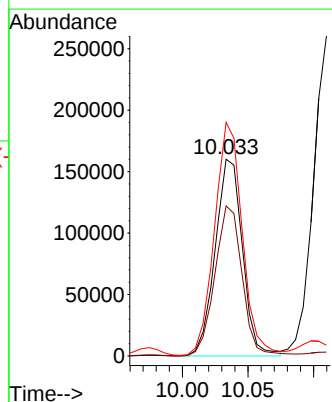
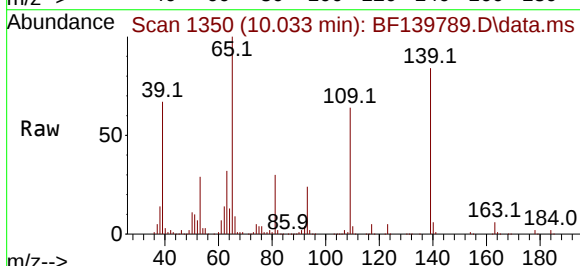
Tgt Ion:139 Resp: 231856

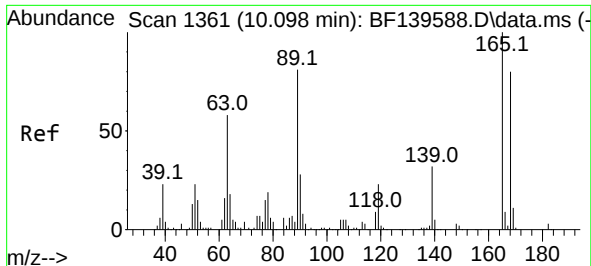
Ion Ratio Lower Upper

139 100

109 76.3 60.3 100.3

65 118.7 100.8 140.8

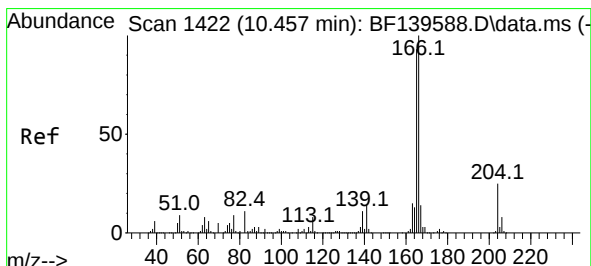
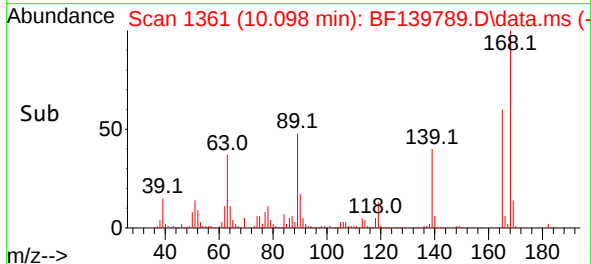
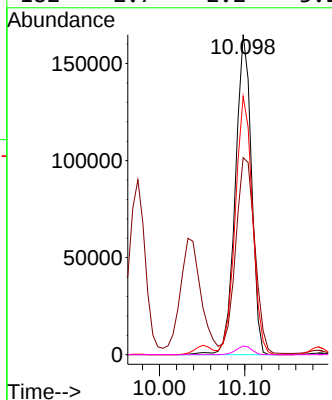
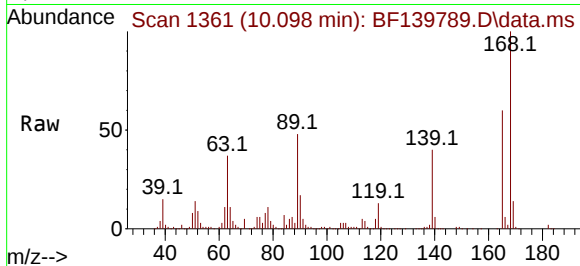




#57
2,4-Dinitrotoluene
Concen: 44.106 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

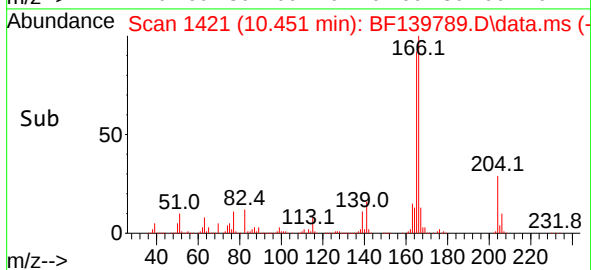
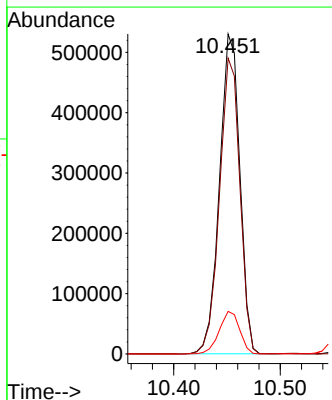
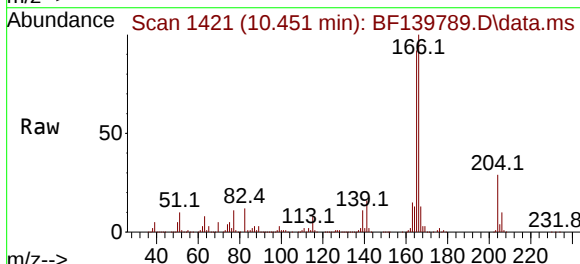
Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:165 Resp: 216509
Ion Ratio Lower Upper
165 100
63 61.6 46.9 70.3
89 80.7 64.4 96.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.598 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:166 Resp: 702306
Ion Ratio Lower Upper
166 100
165 92.5 74.4 111.6
167 13.3 10.9 16.3

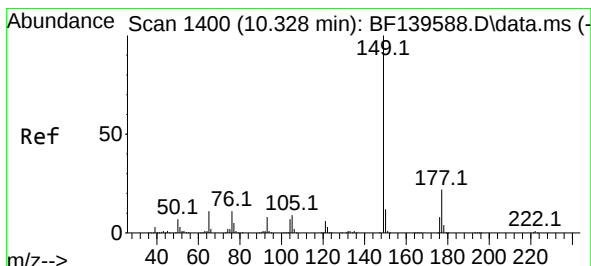
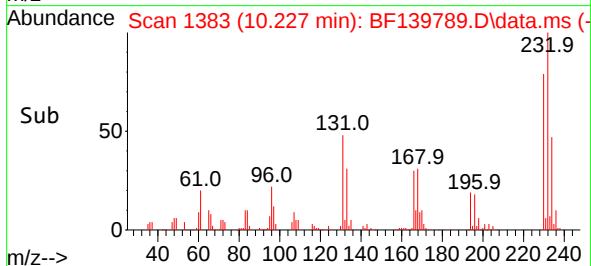
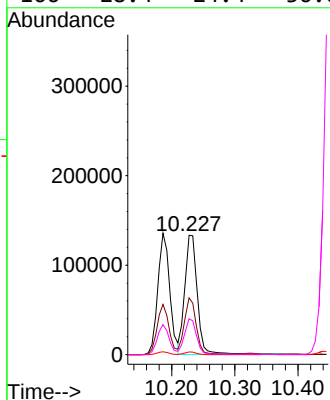
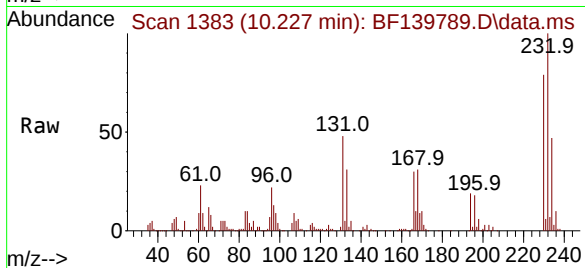




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.223 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

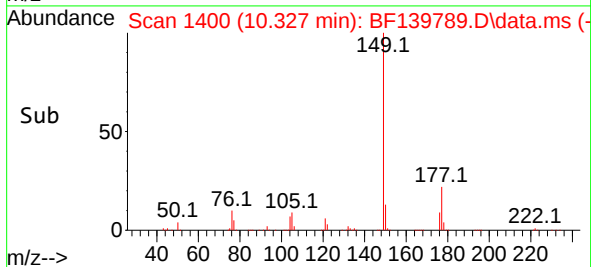
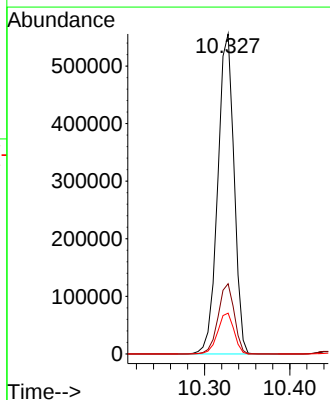
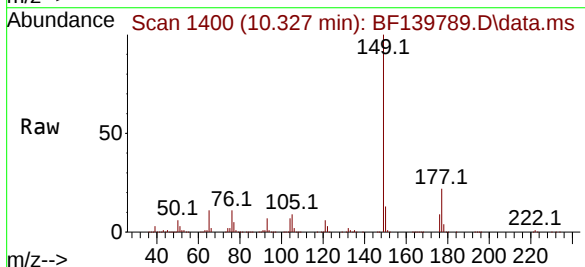
Instrument :
BNA_F
ClientSampleId :
PB164005BS

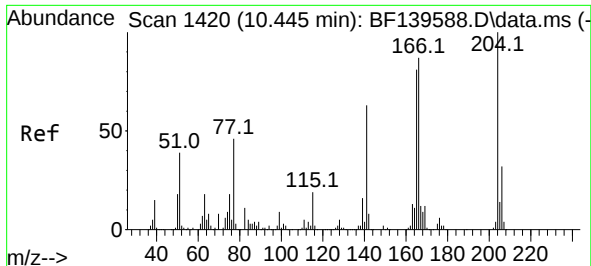
Tgt Ion:232 Resp: 183125
Ion Ratio Lower Upper
232 100
131 44.8 37.8 56.6
130 2.1 1.9 2.9
166 28.4 24.4 36.6



#60
Diethylphthalate
Concen: 42.942 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:149 Resp: 737373
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.8 10.0 15.0

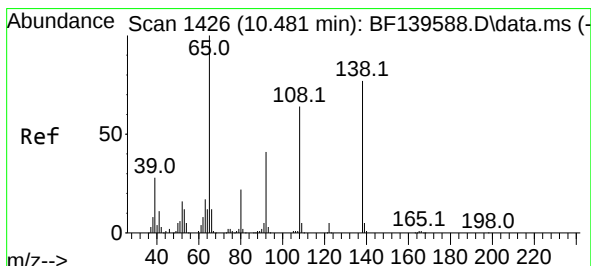
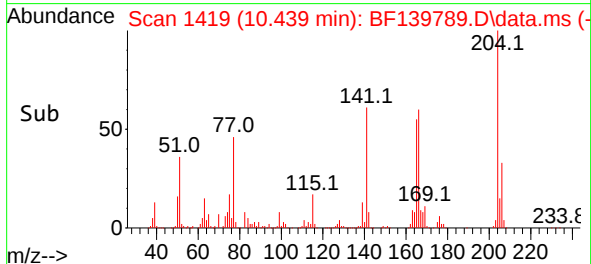
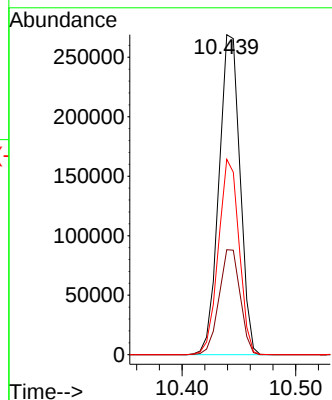
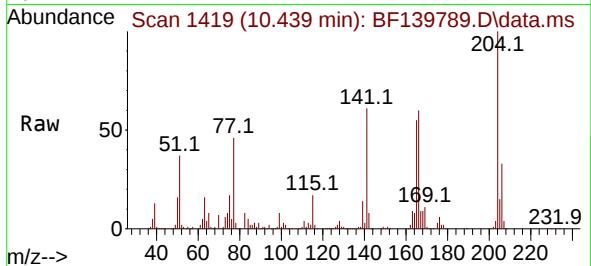




#61
4-Chlorophenyl-phenylether
Concen: 42.138 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

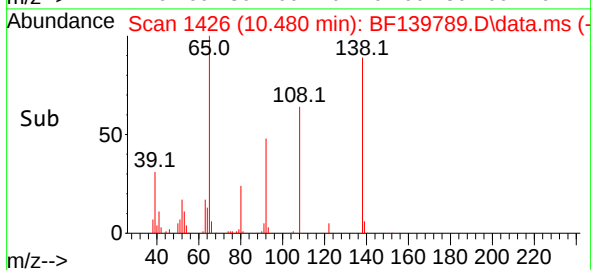
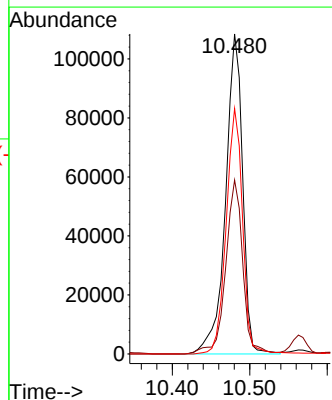
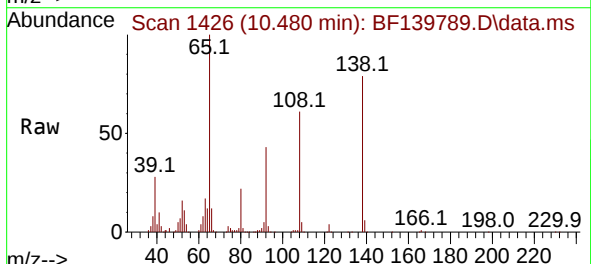
Instrument :
BNA_F
ClientSampleId :
PB164005BS

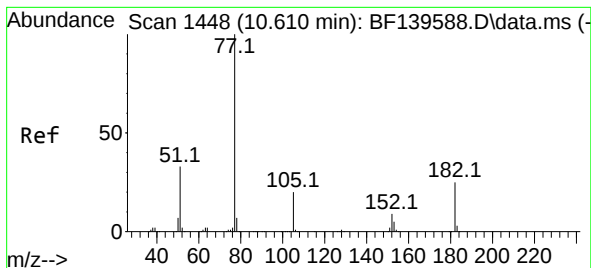
Tgt Ion:204 Resp: 347562
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 61.0 50.5 75.7



#62
4-Nitroaniline
Concen: 42.291 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:138 Resp: 166017
Ion Ratio Lower Upper
138 100
92 54.4 33.3 73.3
108 76.7 62.1 102.1





#63

Azobenzene

Concen: 42.902 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

Tgt Ion: 77 Resp: 740870

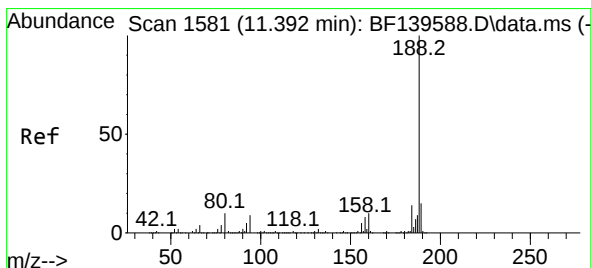
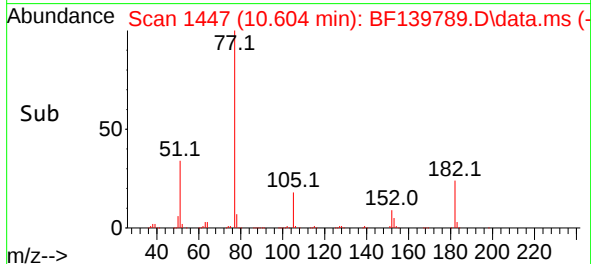
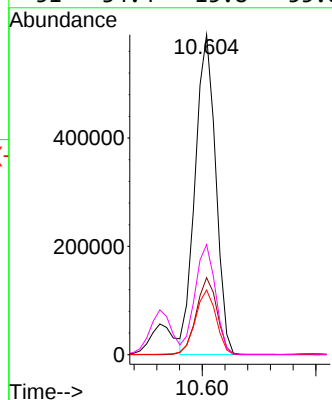
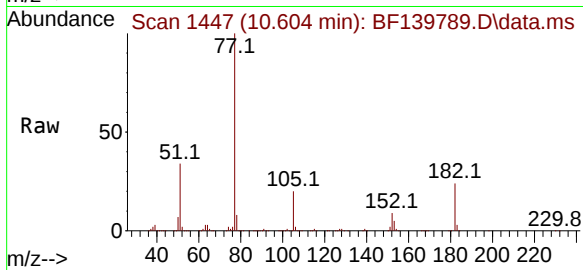
Ion Ratio Lower Upper

77 100

182 24.0 4.2 44.2

105 20.2 0.0 39.6

51 34.4 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

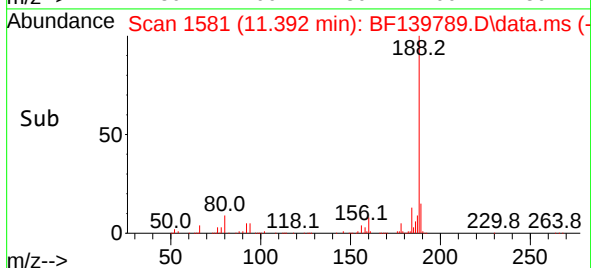
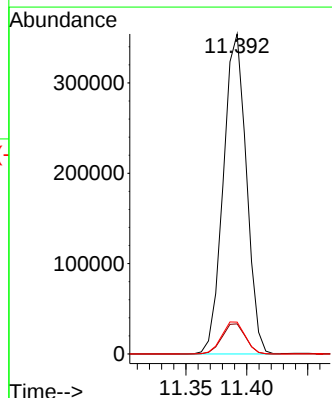
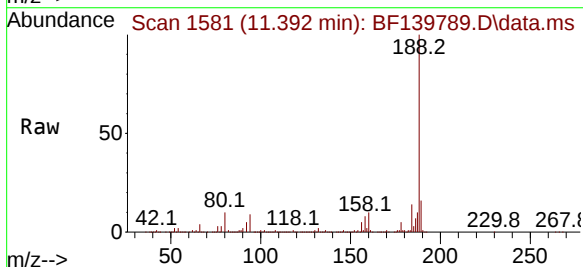
Tgt Ion: 188 Resp: 467000

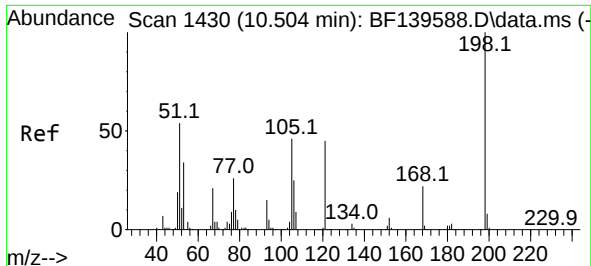
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 9.9 8.2 12.2

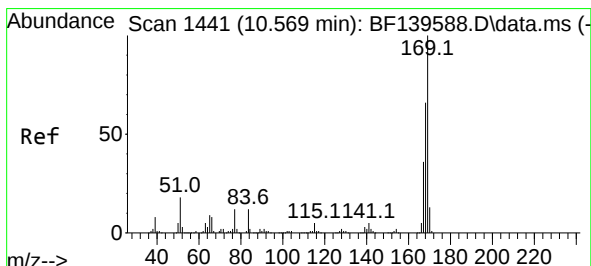
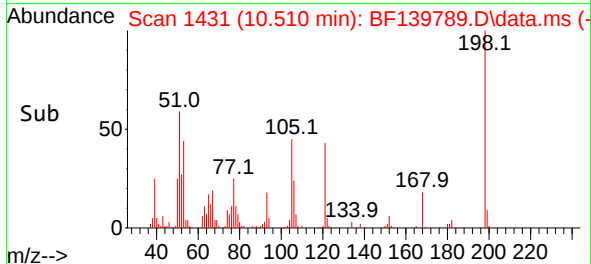
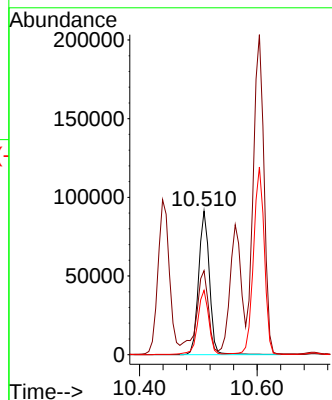
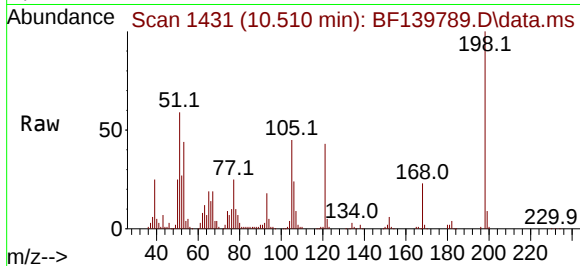




#65
4,6-Dinitro-2-methylphenol
Concen: 44.254 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

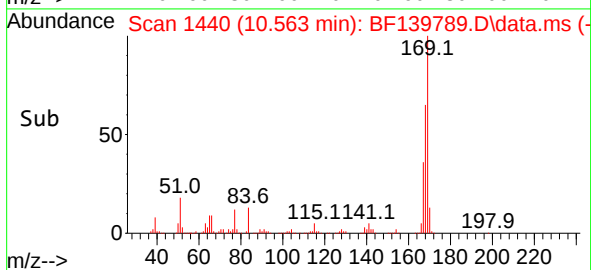
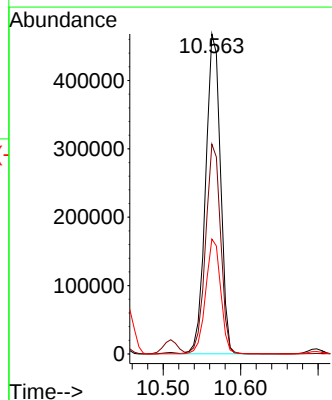
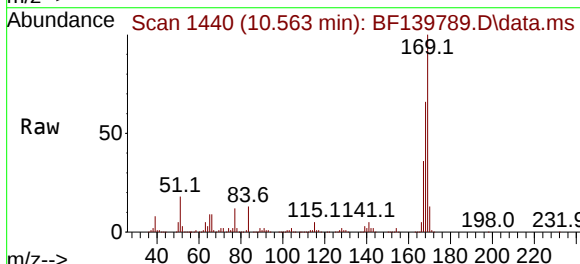
Instrument :
BNA_F
ClientSampleId :
PB164005BS

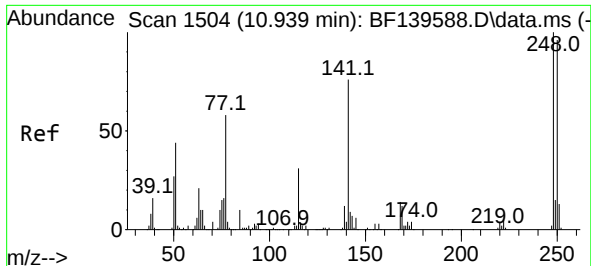
Tgt Ion:198 Resp: 116722
Ion Ratio Lower Upper
198 100
51 58.6 43.0 83.0
105 44.8 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 45.184 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:169 Resp: 621974
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.9 28.6 43.0

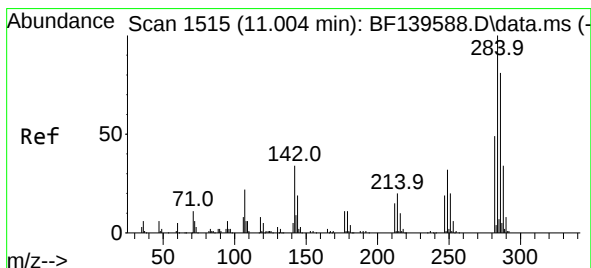
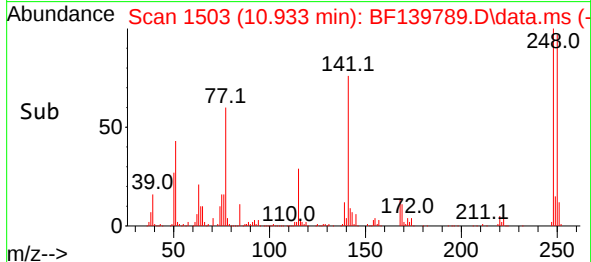
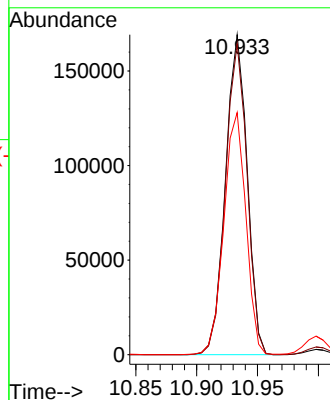
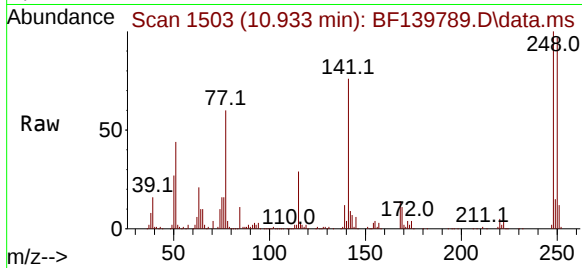




#67
4-Bromophenyl-phenylether
Concen: 44.071 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

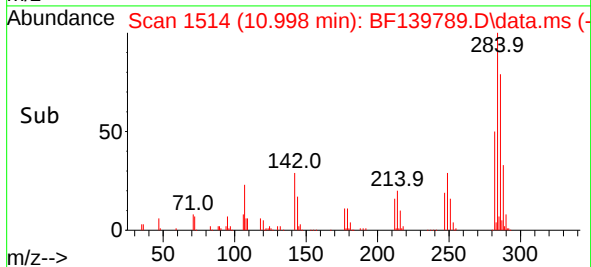
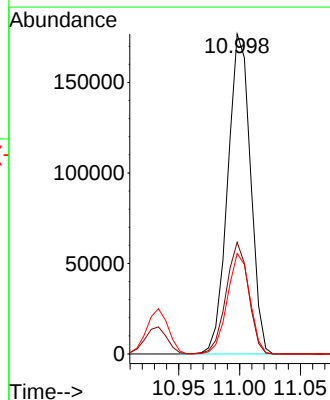
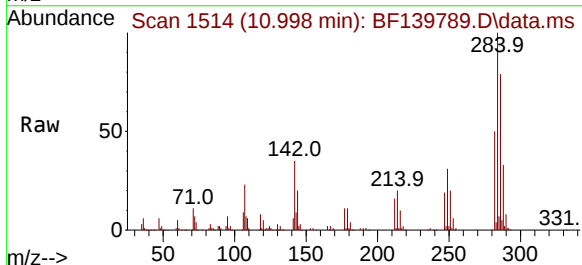
Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:248 Resp: 211021
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 75.7 60.4 90.6



#68
Hexachlorobenzene
Concen: 43.247 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:284 Resp: 229778
Ion Ratio Lower Upper
284 100
142 34.9 26.9 40.3
249 31.4 25.4 38.0





#69

Atrazine

Concen: 55.245 ng

RT: 11.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

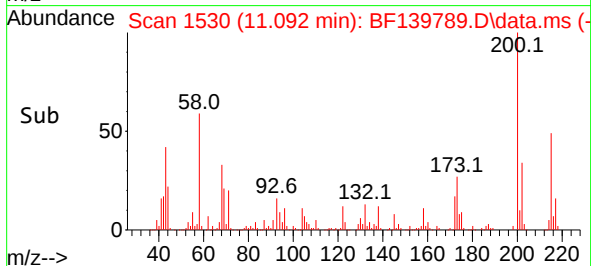
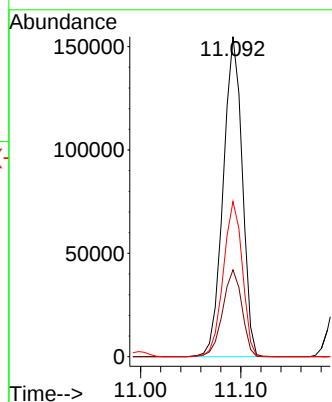
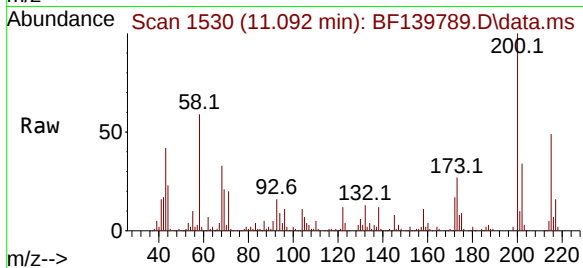
Tgt Ion:200 Resp: 204037

Ion Ratio Lower Upper

200 100

173 27.2 6.7 46.7

215 48.5 27.5 67.5



#70

Pentachlorophenol

Concen: 76.188 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

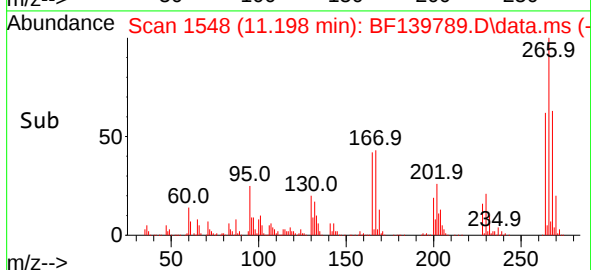
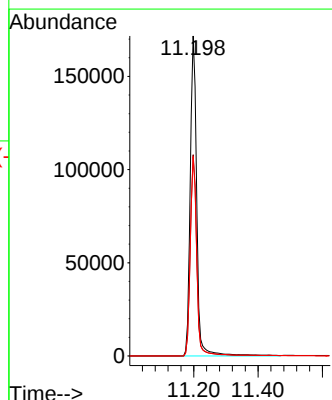
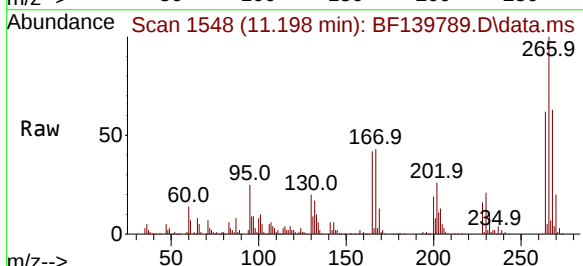
Tgt Ion:266 Resp: 241038

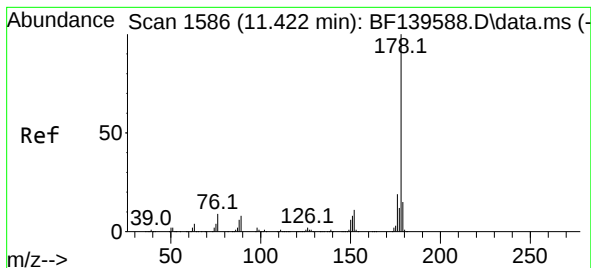
Ion Ratio Lower Upper

266 100

268 62.9 50.0 75.0

264 62.4 49.3 73.9





#71

Phenanthrene

Concen: 44.670 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

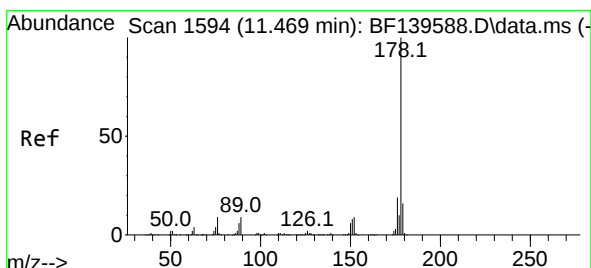
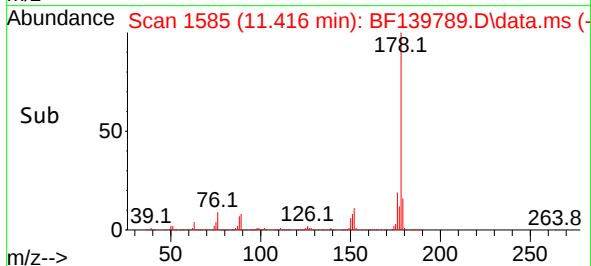
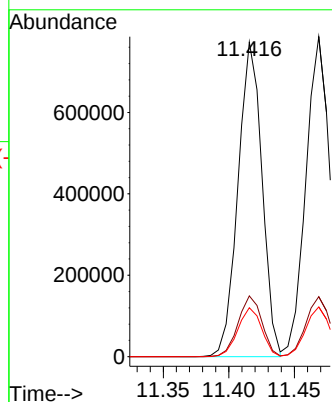
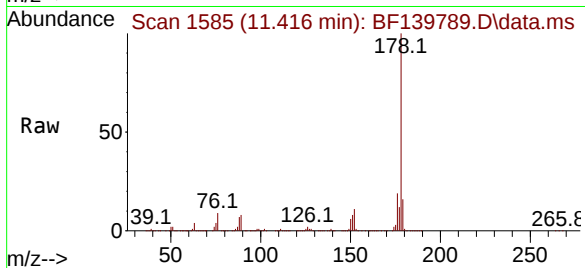
Tgt Ion:178 Resp: 983611

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.6 12.3 18.5



#72

Anthracene

Concen: 46.037 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

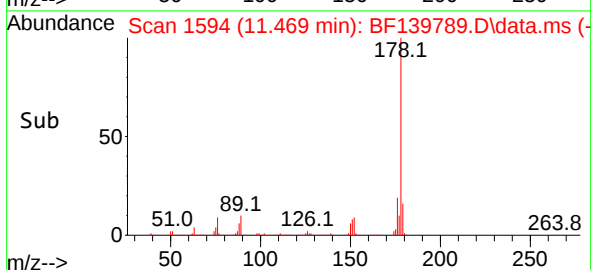
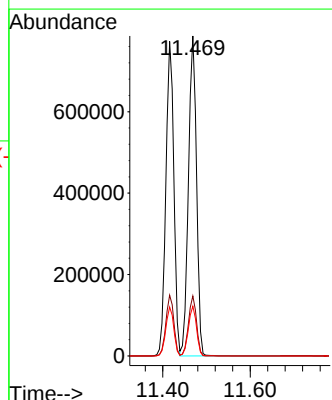
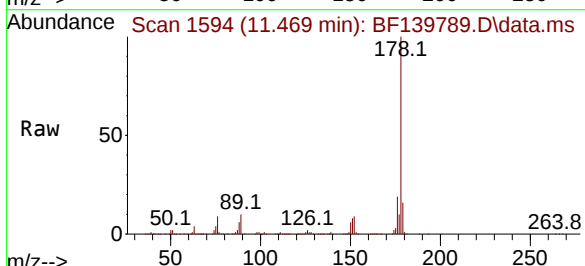
Tgt Ion:178 Resp: 1002854

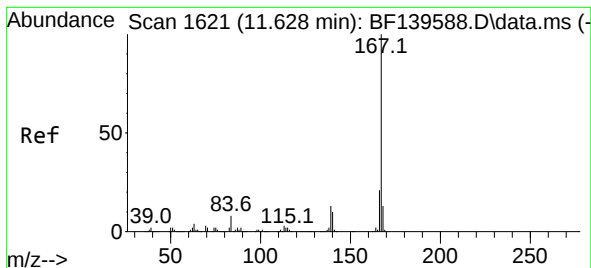
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.6 12.5 18.7





#73

Carbazole

Concen: 43.537 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

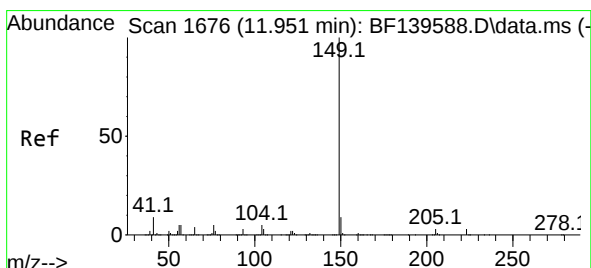
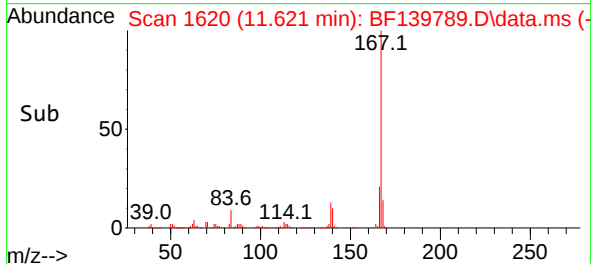
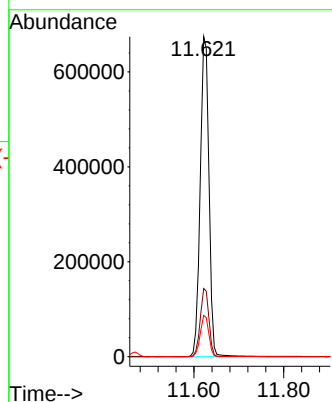
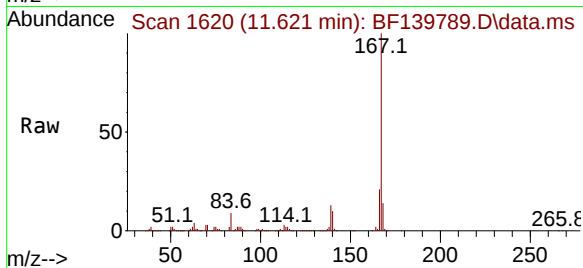
Tgt Ion:167 Resp: 910888

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 44.915 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

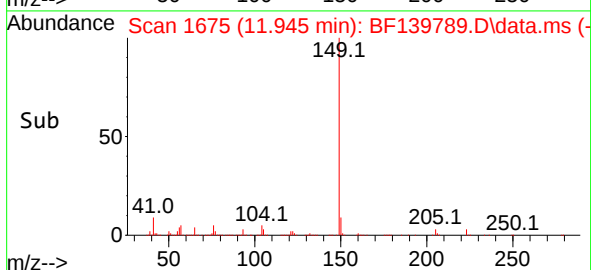
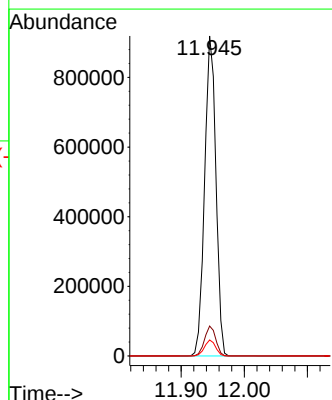
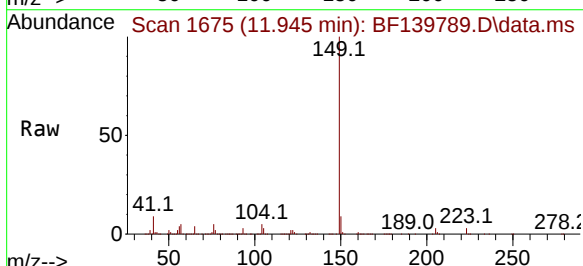
Tgt Ion:149 Resp: 1142745

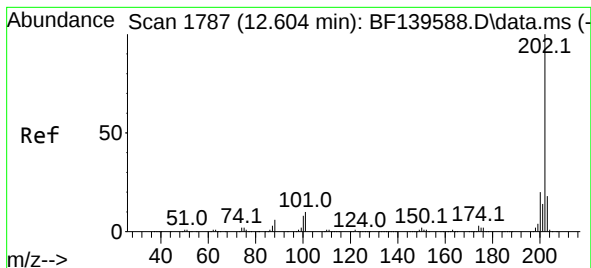
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 43.208 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

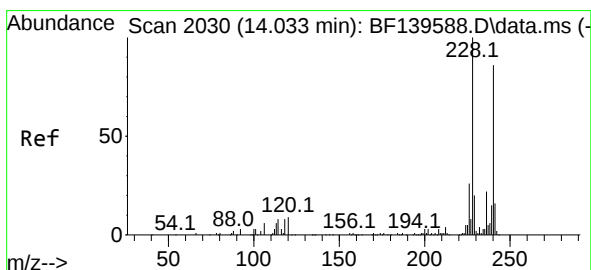
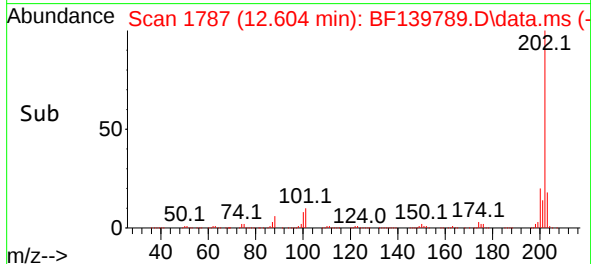
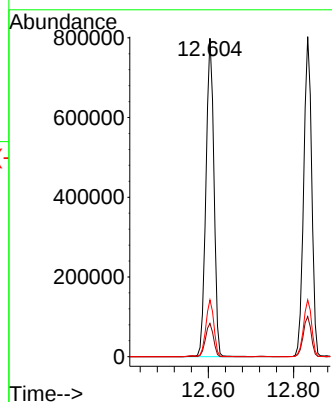
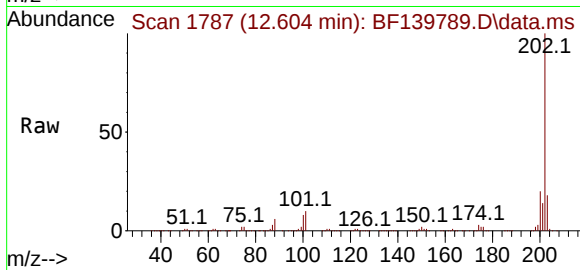
Tgt Ion:202 Resp: 1040031

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

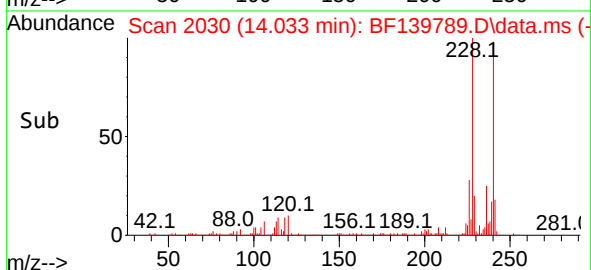
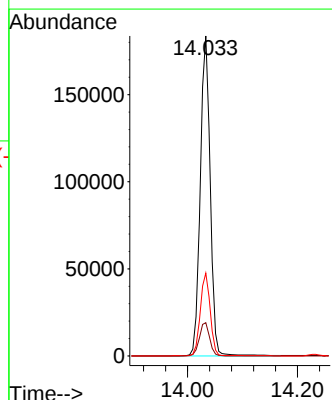
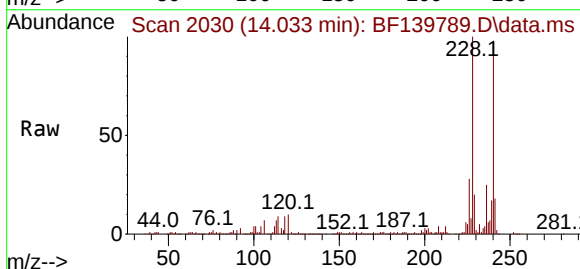
Tgt Ion:240 Resp: 231133

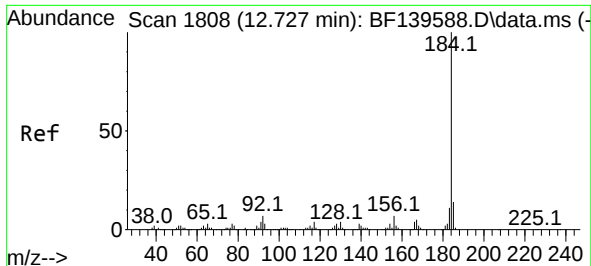
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.9 20.3 30.5

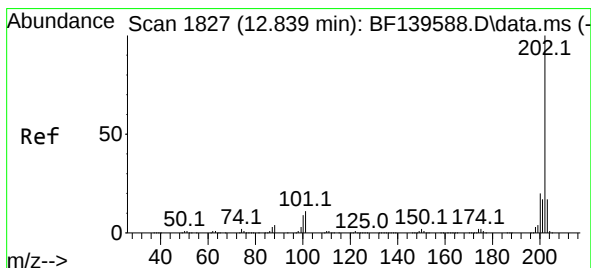
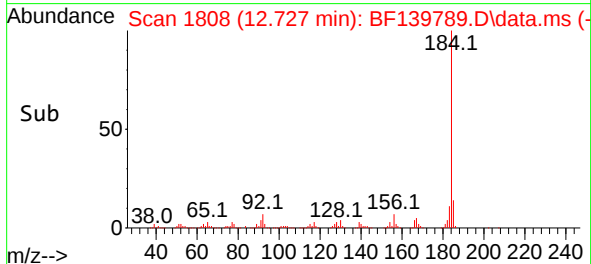
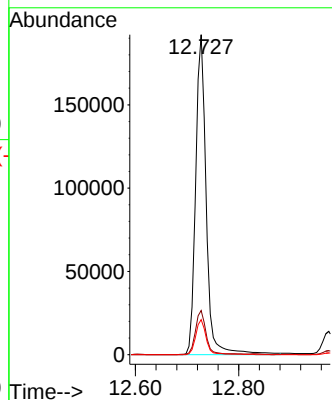
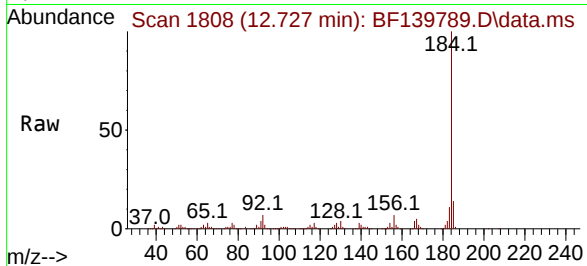




#77
Benzidine
Concen: 66.996 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

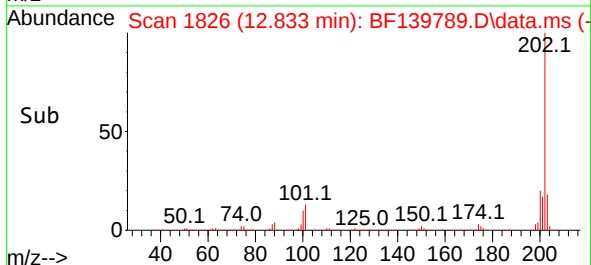
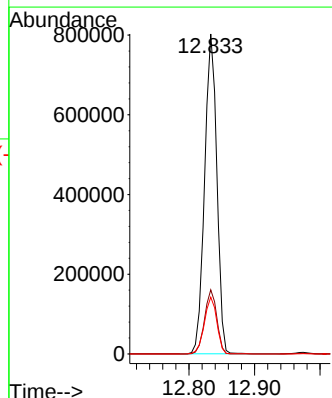
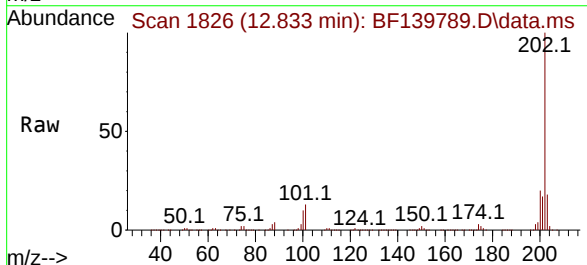
Instrument :
BNA_F
ClientSampleId :
PB164005BS

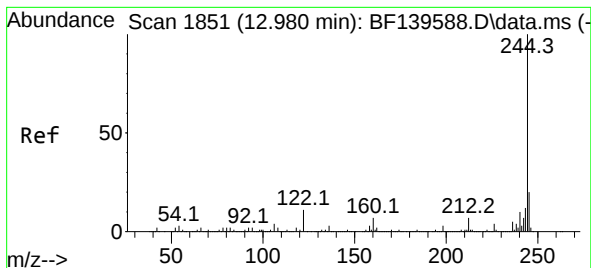
Tgt Ion:184 Resp: 273138
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 10.9 8.8 13.2



#78
Pyrene
Concen: 50.481 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:202 Resp: 1043556
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.6
203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 102.138 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

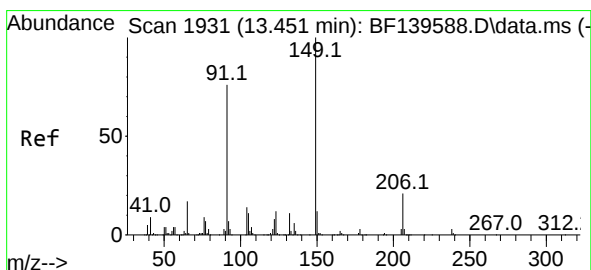
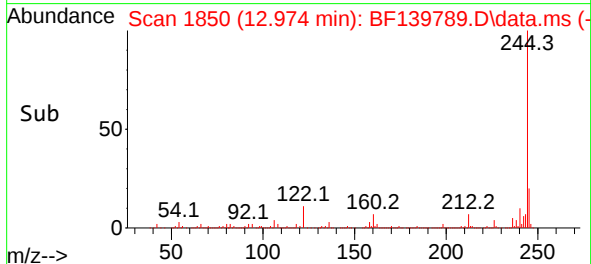
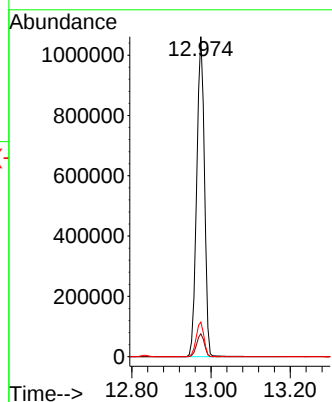
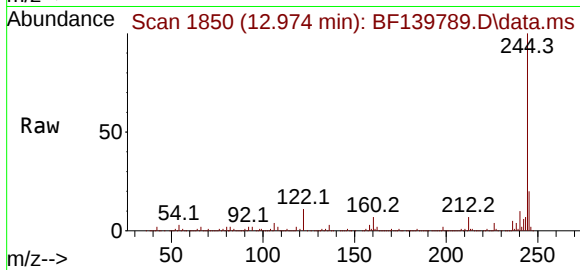
Tgt Ion:244 Resp: 1438748

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.8 8.6 12.8



#80

Butylbenzylphthalate

Concen: 54.031 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

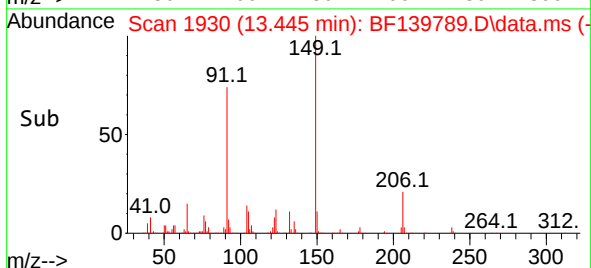
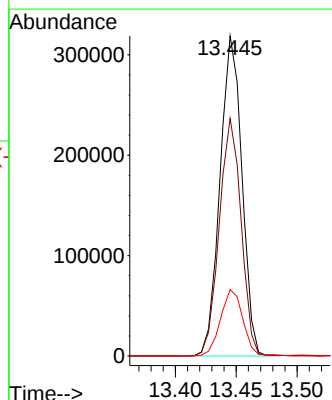
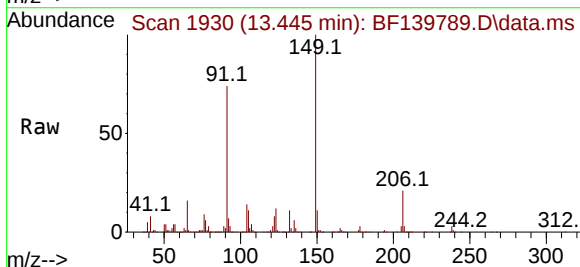
Tgt Ion:149 Resp: 399518

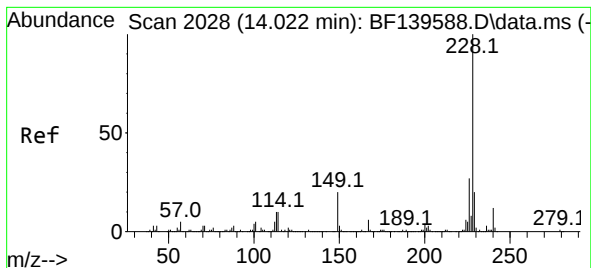
Ion Ratio Lower Upper

149 100

91 74.2 61.0 91.4

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.588 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

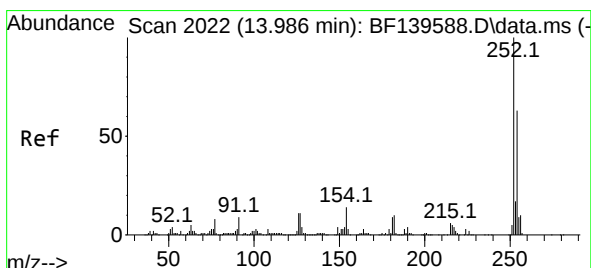
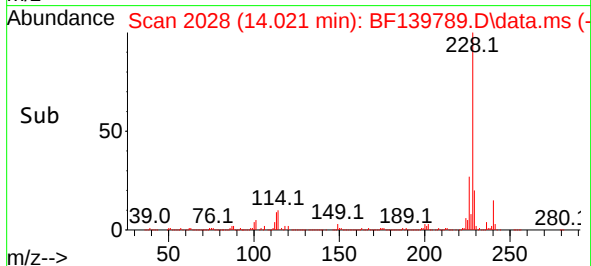
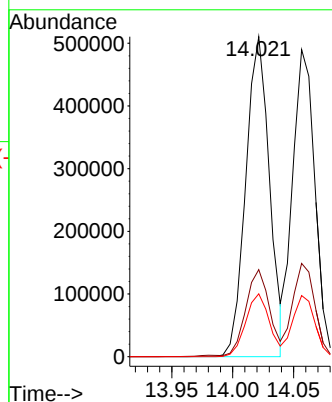
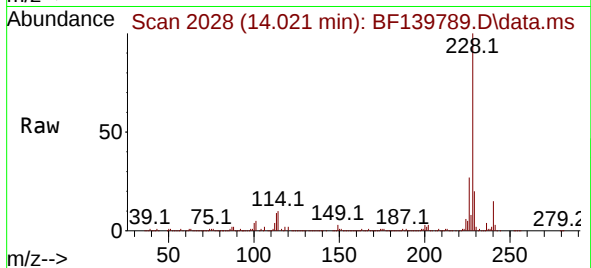
Tgt Ion:228 Resp: 692765

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.772 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

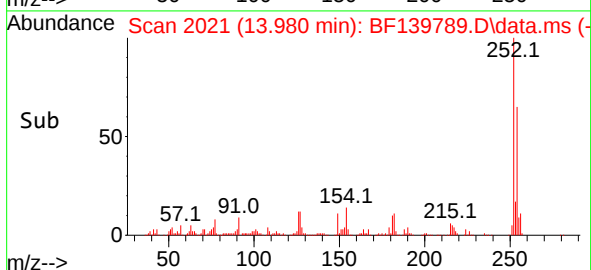
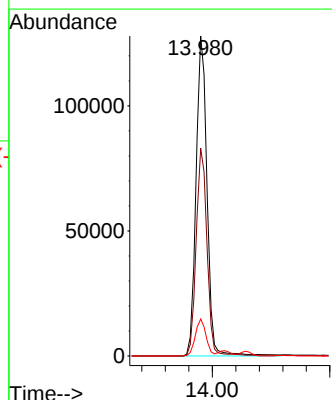
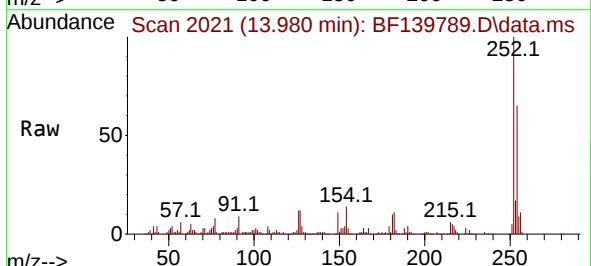
Tgt Ion:252 Resp: 166364

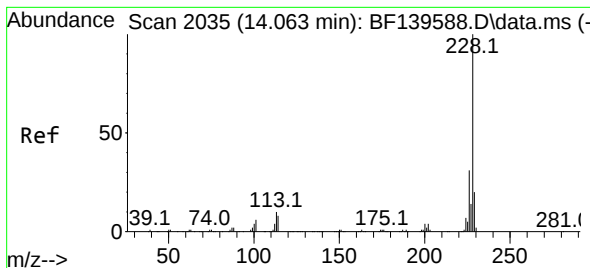
Ion Ratio Lower Upper

252 100

254 64.9 50.5 75.7

126 11.6 8.8 13.2





#83

Chrysene

Concen: 45.624 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

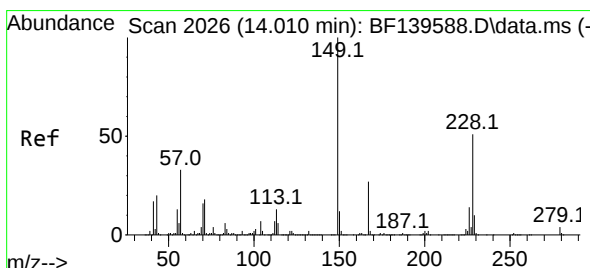
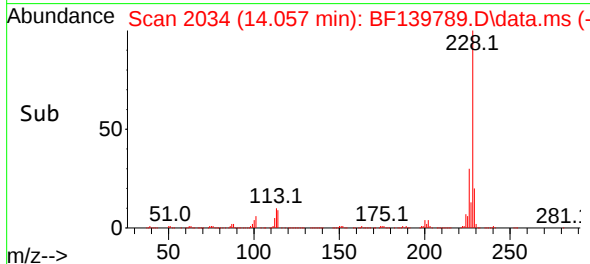
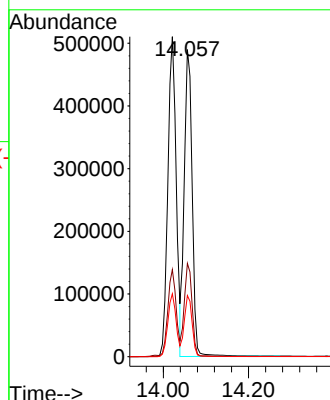
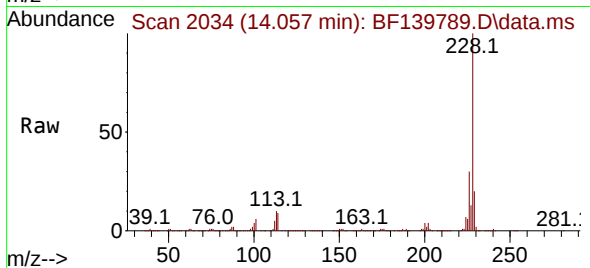
Tgt Ion:228 Resp: 633864

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.576 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

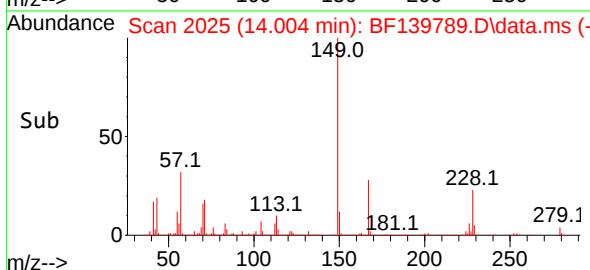
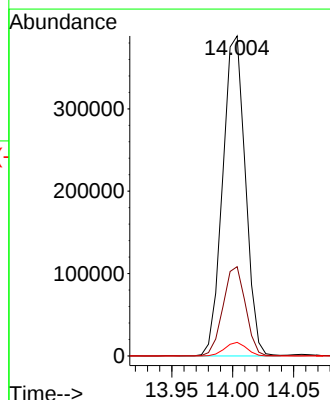
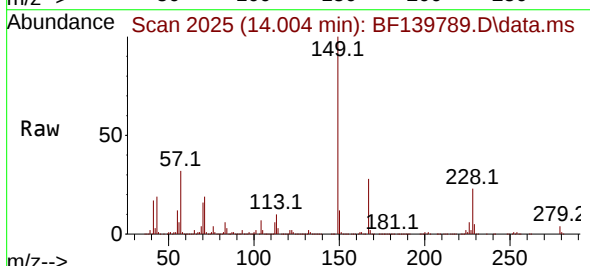
Tgt Ion:149 Resp: 503912

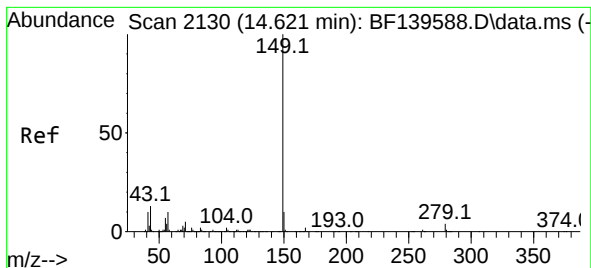
Ion Ratio Lower Upper

149 100

167 27.9 21.7 32.5

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.698 ng

RT: 14.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

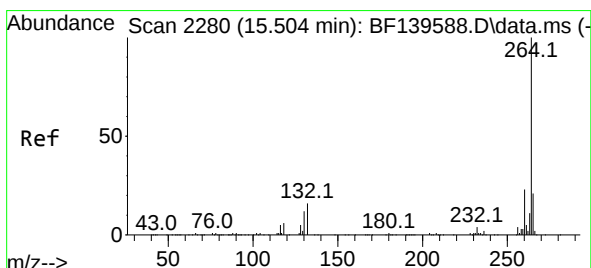
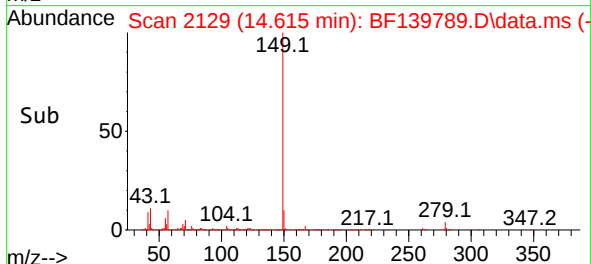
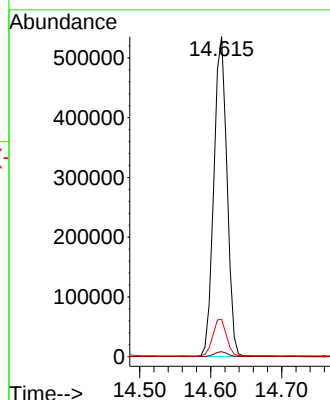
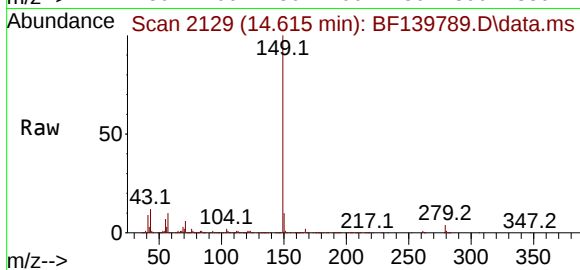
Tgt Ion:149 Resp: 687698

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.8 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

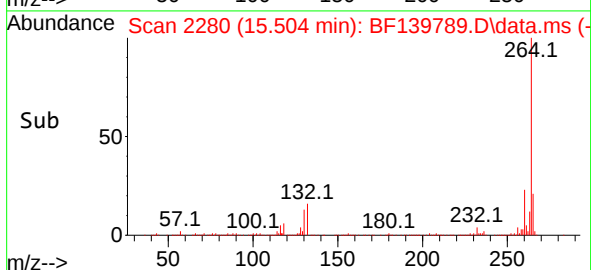
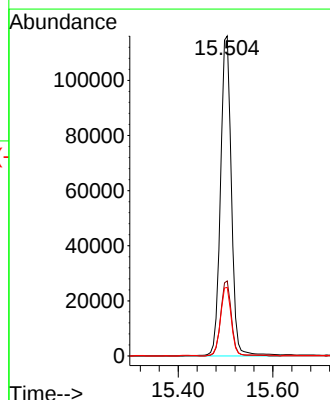
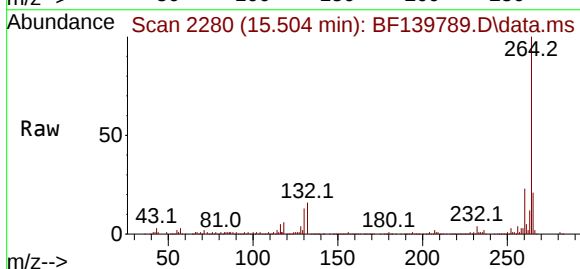
Tgt Ion:264 Resp: 184553

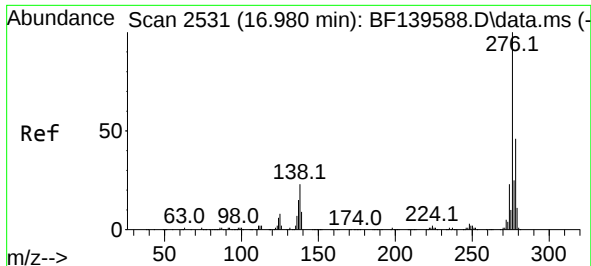
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.4 16.9 25.3

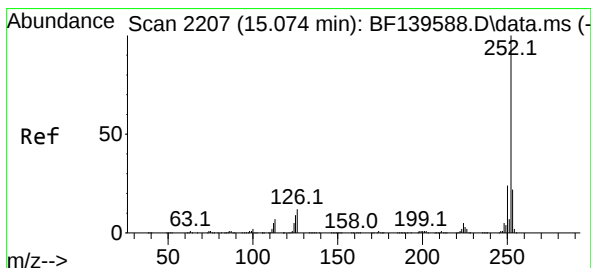
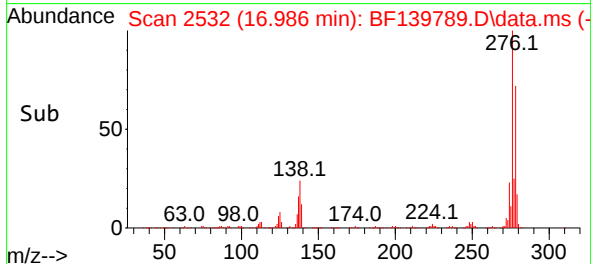
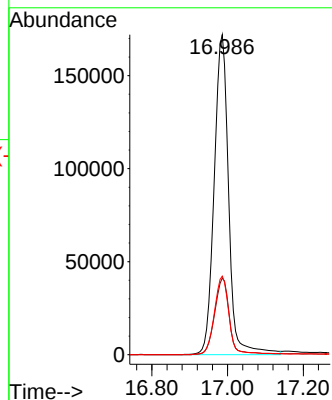
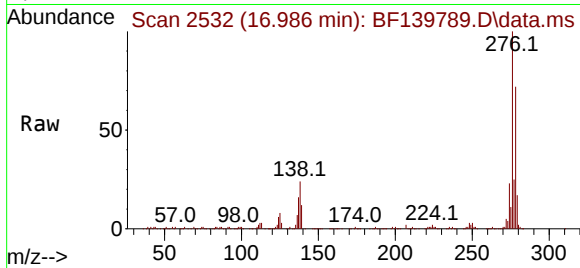




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.022 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

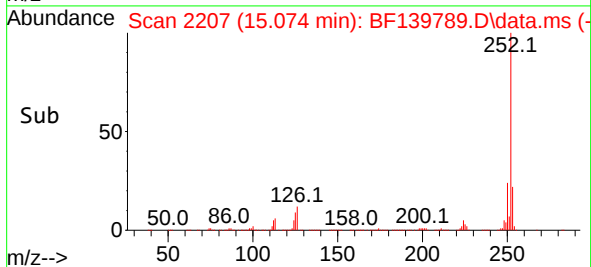
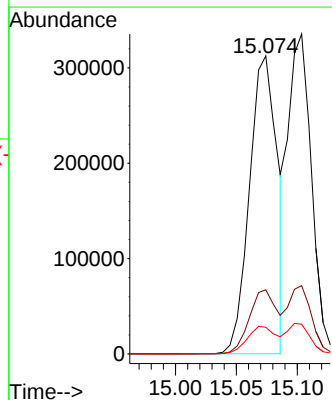
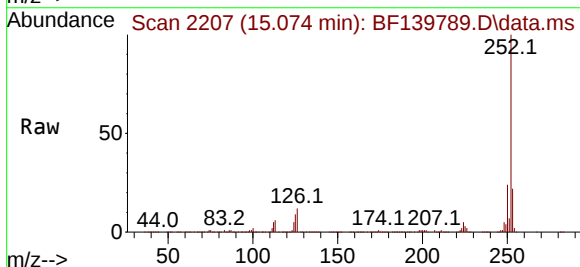
Instrument :
BNA_F
ClientSampleId :
PB164005BS

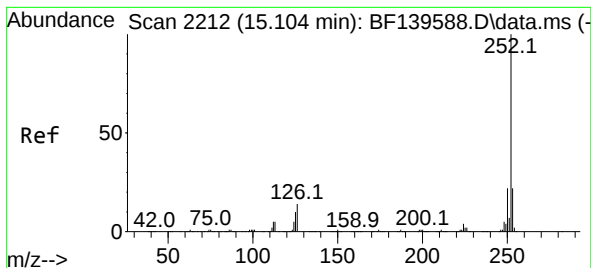
Tgt Ion:276 Resp: 456462
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 41.347 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:252 Resp: 493394
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.213 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

PB164005BS

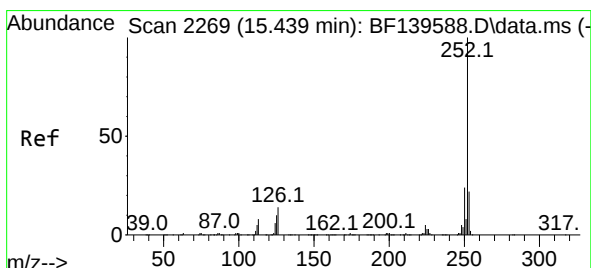
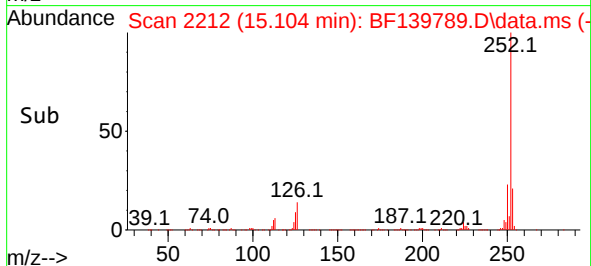
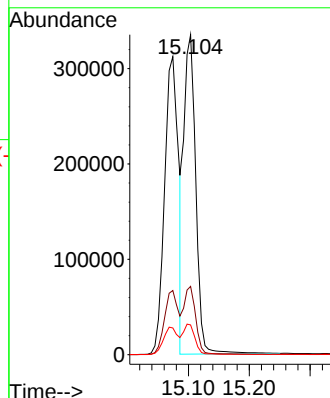
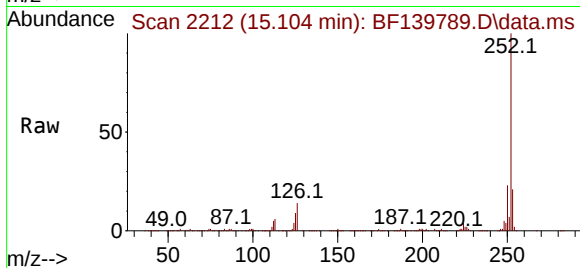
Tgt Ion:252 Resp: 457659

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.3 7.6 11.4



#90

Benzo(a)pyrene

Concen: 45.753 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139789.D

Acq: 14 Oct 2024 15:27

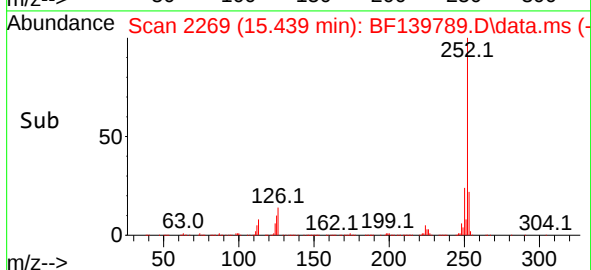
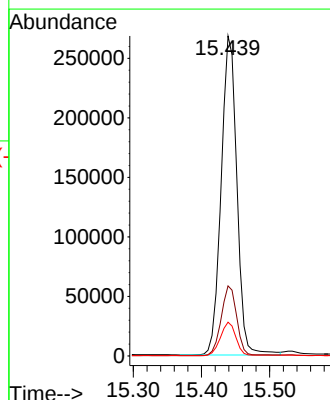
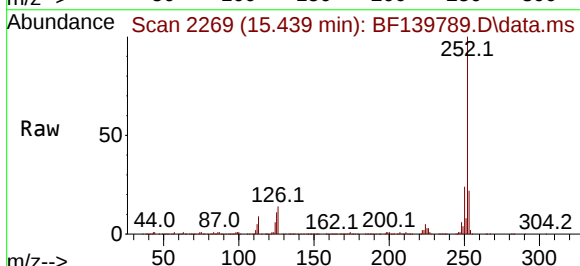
Tgt Ion:252 Resp: 430490

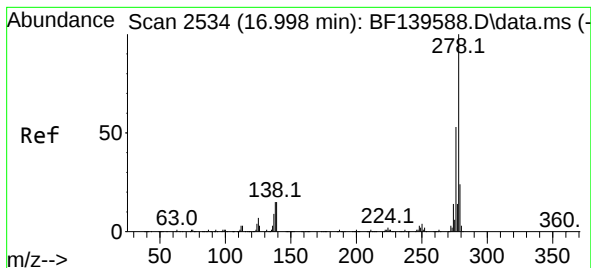
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.5 8.3 12.5

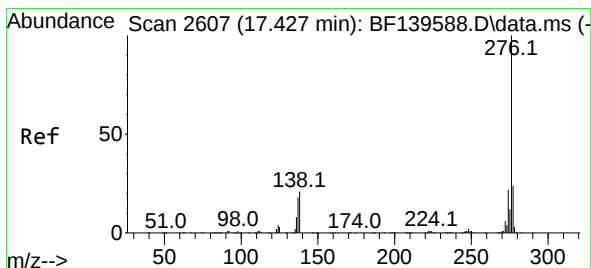
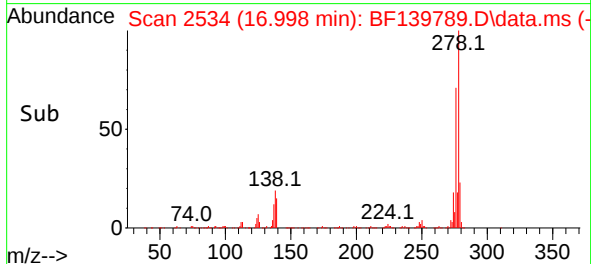
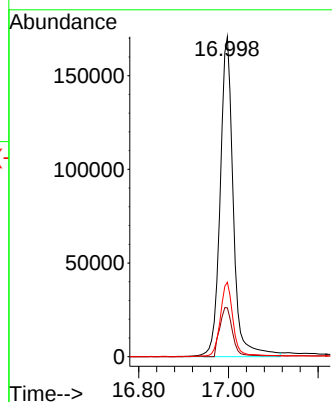
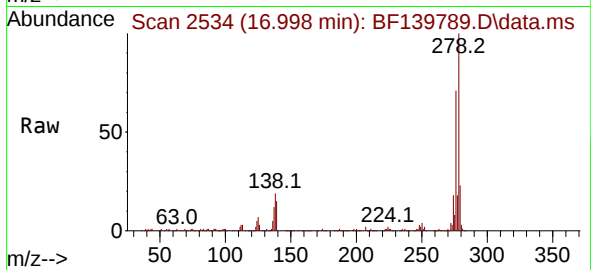




#91
Dibenzo(a,h)anthracene
Concen: 38.825 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
PB164005BS

Tgt Ion:278 Resp: 349793
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 39.661 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139789.D
Acq: 14 Oct 2024 15:27

Tgt Ion:276 Resp: 358357
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.7 17.0 25.6

