

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139615.D
 Acq On : 02 Oct 2024 19:14
 Operator : RC/JU
 Sample : P4222-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

Quant Time: Oct 03 01:52:25 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	6.869	152	89868	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	338986	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	171882	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	269474	20.000	ng	0.00
76) Chrysene-d12	14.033	240	171902	20.000	ng	0.00
86) Perylene-d12	15.498	264	155896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	570241	109.980	ng	0.00
7) Phenol-d6	6.504	99	757904	108.697	ng	0.00
23) Nitrobenzene-d5	7.434	82	491504	73.410	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	156226	94.155	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	829037	74.046	ng	0.00
79) Terphenyl-d14	12.974	244	603905	57.644	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	100584	44.870	ng	99
3) Pyridine	3.451	79	261080	47.888	ng	99
4) n-Nitrosodimethylamine	3.410	42	177463	49.729	ng	100
6) Aniline	6.528	93	211621	34.202	ng	# 72
8) 2-Chlorophenol	6.651	128	273115	49.165	ng	100
9) Benzaldehyde	6.416	77	46455	12.577	ng	97
10) Phenol	6.516	94	359136	48.984	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	270703	45.347	ng	99
12) 1,3-Dichlorobenzene	6.810	146	289715	46.360	ng	99
13) 1,4-Dichlorobenzene	6.887	146	290450	45.890	ng	100
14) 1,2-Dichlorobenzene	7.034	146	280604	47.304	ng	98
15) Benzyl Alcohol	7.010	79	262408	49.255	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	498839	48.270	ng	96
17) 2-Methylphenol	7.122	107	220657	47.581	ng	98
18) Hexachloroethane	7.381	117	104905	44.436	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	210228	46.897	ng	99
20) 3+4-Methylphenols	7.275	107	276834	47.526	ng	99
22) Acetophenone	7.275	105	377887	46.963	ng	99
24) Nitrobenzene	7.451	77	315834	45.555	ng	100
25) Isophorone	7.686	82	555489	46.712	ng	99
26) 2-Nitrophenol	7.769	139	142545	47.826	ng	99
27) 2,4-Dimethylphenol	7.804	122	219743	60.225	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	328955	46.325	ng	100
29) 2,4-Dichlorophenol	8.010	162	225892	47.465	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	239165	44.437	ng	99
31) Naphthalene	8.175	128	794158	45.820	ng	100
32) Benzoic acid	7.928	122	148227	40.855	ng	98
33) 4-Chloroaniline	8.222	127	45183	7.702	ng	99
34) Hexachlorobutadiene	8.286	225	154073	44.236	ng	100
35) Caprolactam	8.592	113	56120	35.952	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	243120	45.128	ng	99
37) 2-Methylnaphthalene	8.863	142	512588	45.410	ng	100
38) 1-Methylnaphthalene	8.963	142	467422	42.362	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	234467	49.124	ng	99
41) Hexachlorocyclopentadiene	9.010	237	127920	87.407	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	158582	49.286	ng	99

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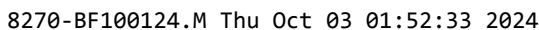
Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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 QLast Update : Wed Oct 02 04:58:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	160499	46.255	ng	98
46) 1,1'-Biphenyl	9.328	154	623387	48.763	ng	100
47) 2-Chloronaphthalene	9.351	162	457117	47.697	ng	100
48) 2-Nitroaniline	9.451	65	172157	50.041	ng	99
49) Acenaphthylene	9.769	152	735677	50.476	ng	100
50) Dimethylphthalate	9.628	163	560884	49.849	ng	100
51) 2,6-Dinitrotoluene	9.692	165	117829	46.359	ng	94
52) Acenaphthene	9.939	154	474761	47.449	ng	100
53) 3-Nitroaniline	9.857	138	65945	25.389	ng	99
54) 2,4-Dinitrophenol	9.969	184	58167	42.549	ng	94
55) Dibenzofuran	10.110	168	659512	47.077	ng	99
56) 4-Nitrophenol	10.028	139	167947	84.791	ng	98
57) 2,4-Dinitrotoluene	10.092	165	150729	45.369	ng	99
58) Fluorene	10.451	166	502403	45.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	121775	43.451	ng	99
60) Diethylphthalate	10.327	149	547720	47.129	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	248251	44.471	ng	98
62) 4-Nitroaniline	10.475	138	100942	37.994	ng	99
63) Azobenzene	10.604	77	582697	49.857	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	41371	27.183	ng	93
66) n-Nitrosodiphenylamine	10.563	169	441740	55.613	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	139348	50.435	ng	97
68) Hexachlorobenzene	10.998	284	144890	47.259	ng	99
69) Atrazine	11.092	200	134122	62.934	ng	99
70) Pentachlorophenol	11.192	266	153367	84.010	ng	99
71) Phenanthrene	11.416	178	624336	49.137	ng	99
72) Anthracene	11.469	178	631853	50.267	ng	99
73) Carbazole	11.622	167	564747	46.778	ng	100
74) Di-n-butylphthalate	11.951	149	730796	49.778	ng	99
75) Fluoranthene	12.604	202	612245	44.080	ng	99
77) Benzidine	12.727	184	251635	82.989	ng	99
78) Pyrene	12.833	202	622793	40.507	ng	99
80) Butylbenzylphthalate	13.451	149	257759	46.870	ng	97
81) Benzo(a)anthracene	14.021	228	557631	49.340	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	156365	45.207	ng	99
83) Chrysene	14.057	228	502702	48.651	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	354681	51.649	ng	99
85) Di-n-octyl phthalate	14.621	149	594640	58.942	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	379727	41.384	ng	100
88) Benzo(b)fluoranthene	15.074	252	487277	48.341	ng	99
89) Benzo(k)fluoranthene	15.104	252	446660	52.238	ng	99
90) Benzo(a)pyrene	15.439	252	414002	52.089	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	315659	41.477	ng	99
92) Benzo(g,h,i)perylene	17.415	276	271755	35.605	ng	99

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

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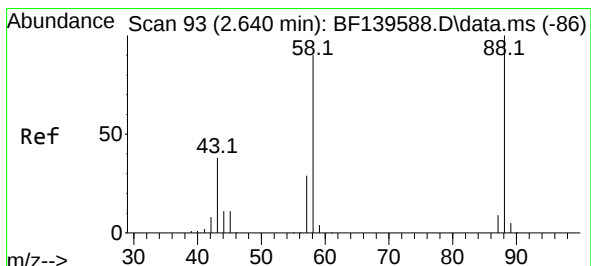
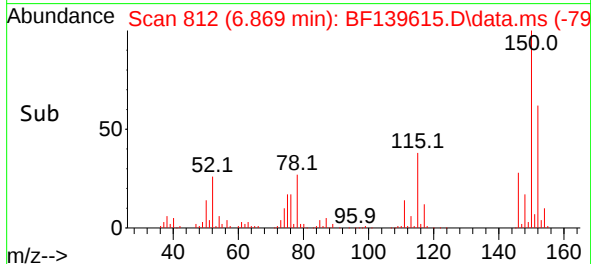
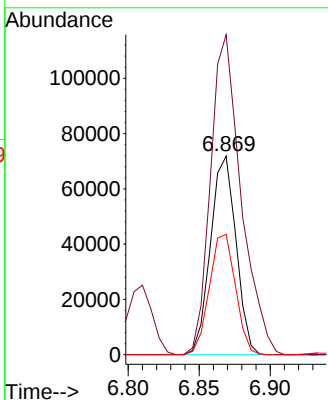
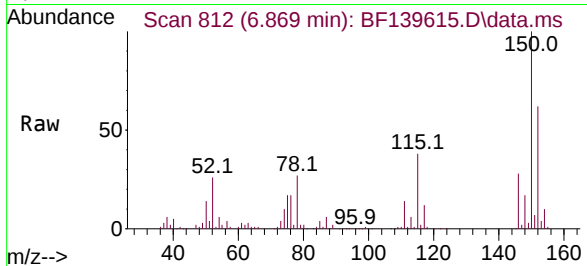




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139615.D
 Acq: 02 Oct 2024 19:14

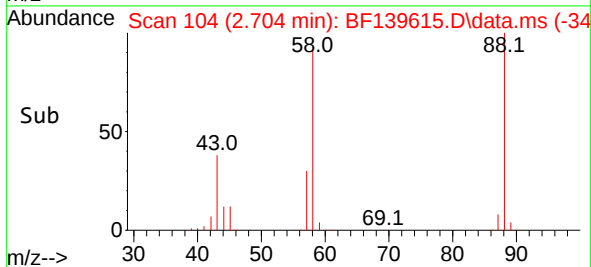
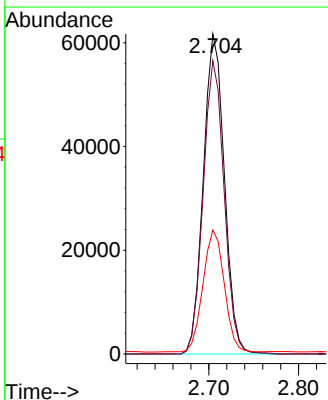
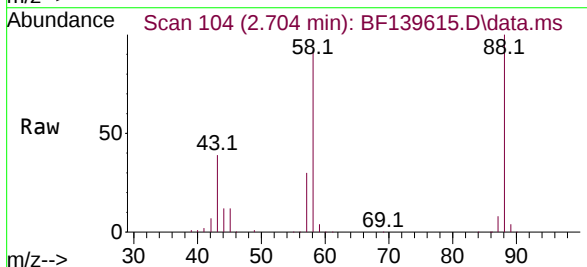
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

Tgt Ion:152 Resp: 89868
 Ion Ratio Lower Upper
 152 100
 150 161.3 127.2 190.8
 115 60.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 44.870 ng
 RT: 2.704 min Scan# 104
 Delta R.T. 0.065 min
 Lab File: BF139615.D
 Acq: 02 Oct 2024 19:14

Tgt Ion: 88 Resp: 100584
 Ion Ratio Lower Upper
 88 100
 58 91.3 72.0 108.0
 43 38.6 30.8 46.2





#3

Pyridine

Concen: 47.888 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

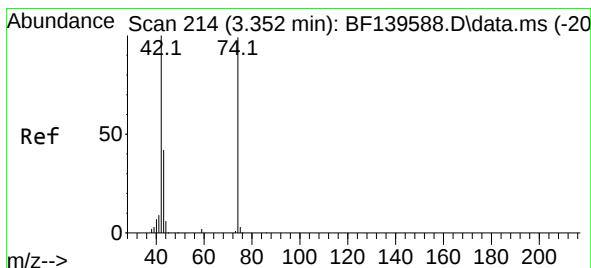
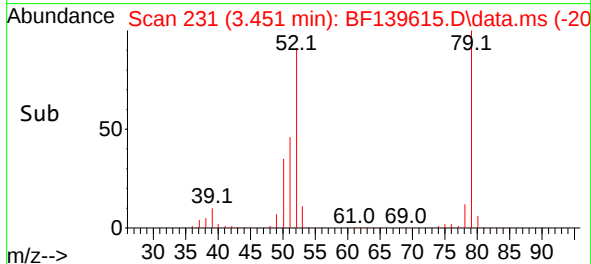
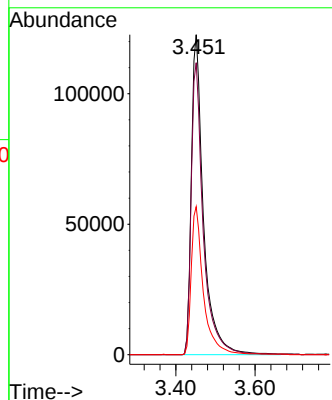
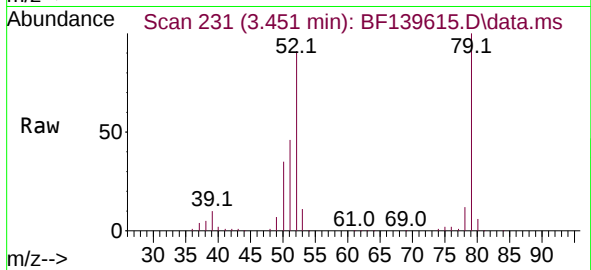
Tgt Ion: 79 Resp: 261080

Ion Ratio Lower Upper

79 100

52 91.3 72.6 109.0

51 46.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 49.729 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

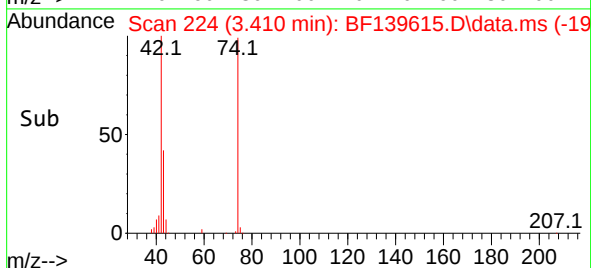
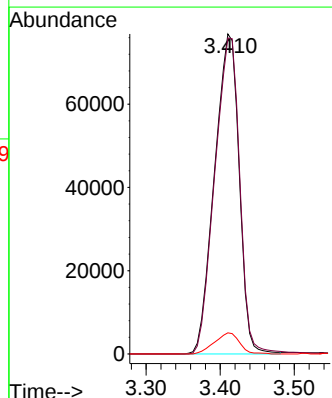
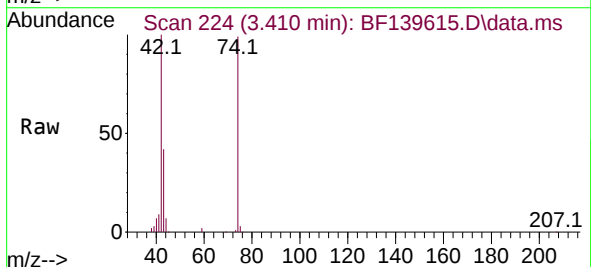
Tgt Ion: 42 Resp: 177463

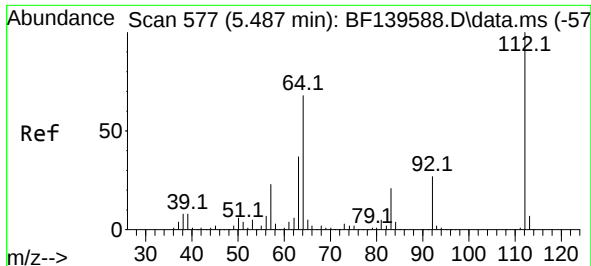
Ion Ratio Lower Upper

42 100

74 98.7 79.0 118.6

44 6.6 5.2 7.8

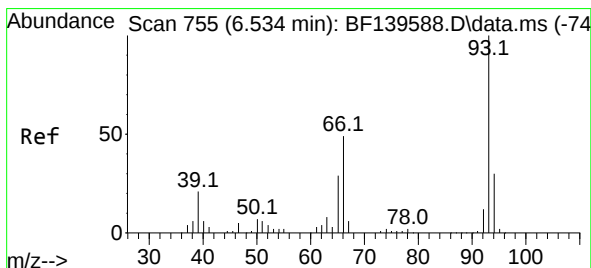
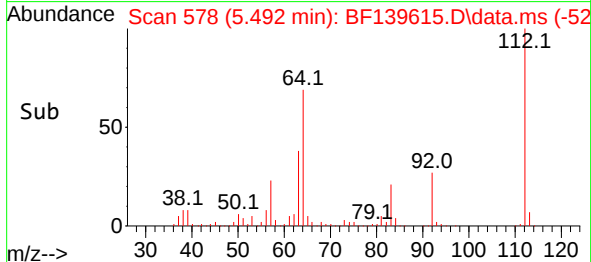
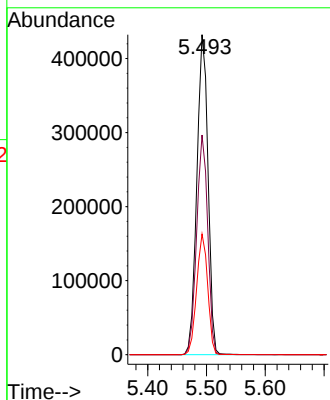
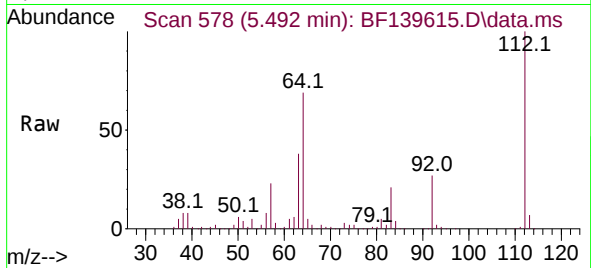




#5
2-Fluorophenol
Concen: 109.980 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

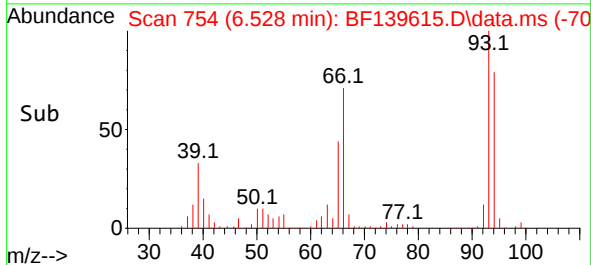
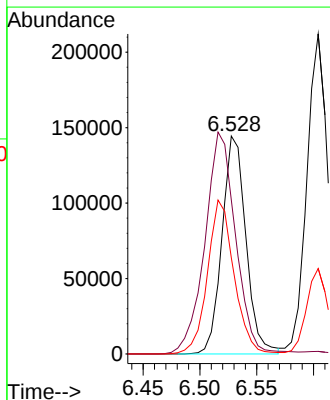
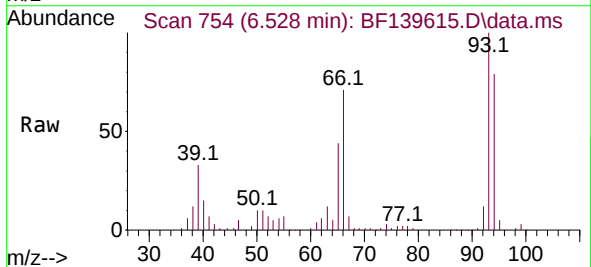
Instrument :
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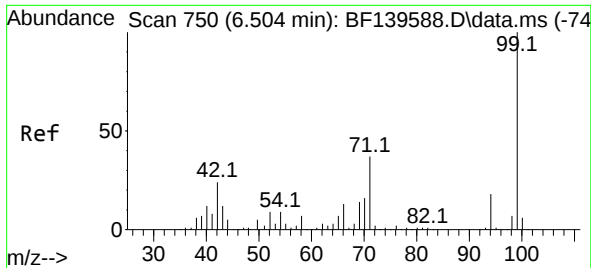
Tgt Ion:112 Resp: 570241
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 37.7 29.4 44.2



#6
Aniline
Concen: 34.202 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion: 93 Resp: 211621
Ion Ratio Lower Upper
93 100
66 70.7 40.9 61.3#
65 44.1 23.3 34.9#

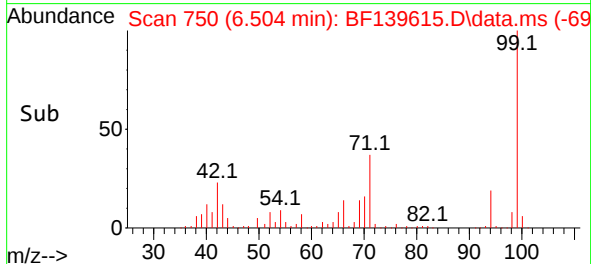
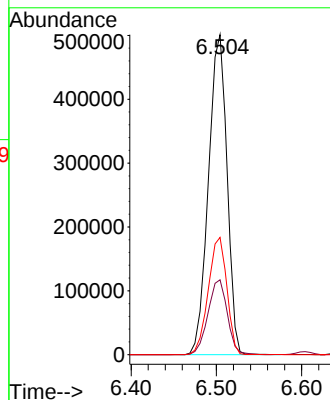
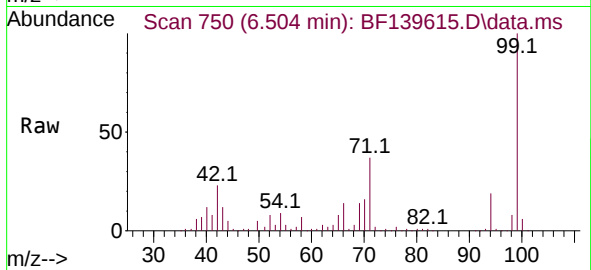




#7
Phenol-d6
Concen: 108.697 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

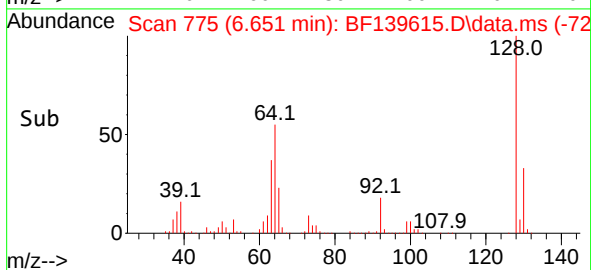
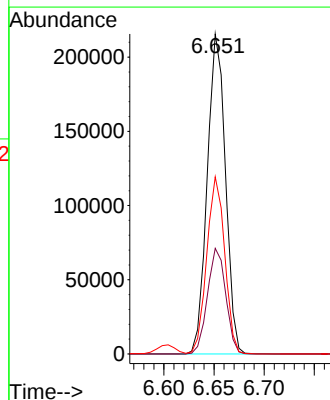
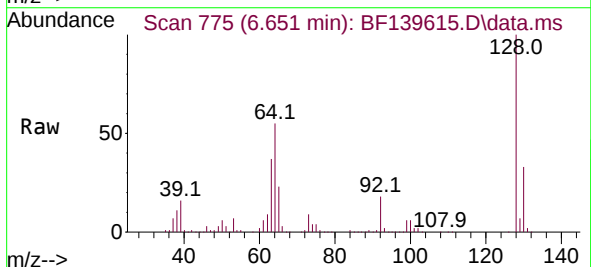
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion: 99 Resp: 757904
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 36.7 29.7 44.5



#8
2-Chlorophenol
Concen: 49.165 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:128 Resp: 273115
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 55.4 35.1 75.1





#9

Benzaldehyde

Concen: 12.577 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

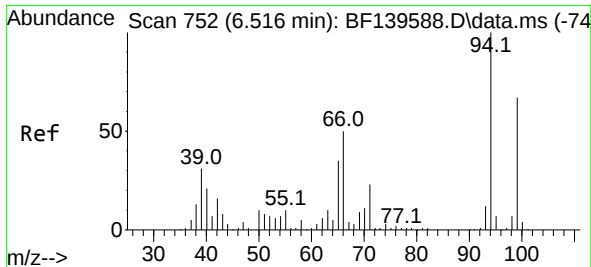
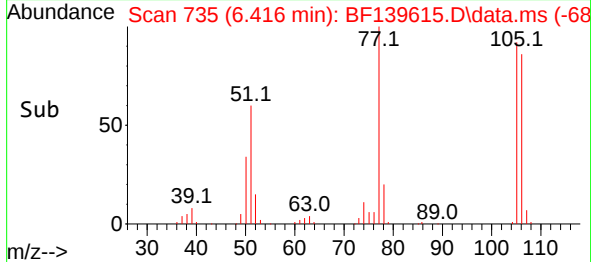
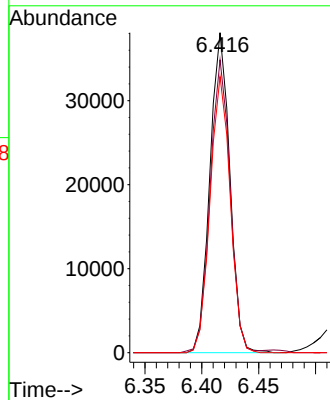
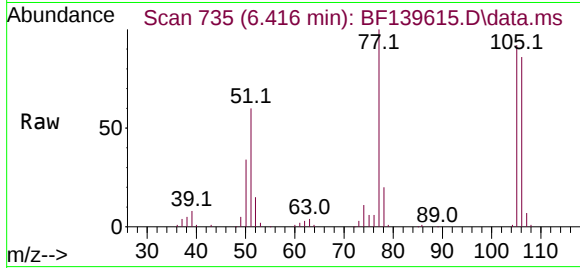
Tgt Ion: 77 Resp: 46455

Ion Ratio Lower Upper

77 100

105 91.6 72.7 112.7

106 86.3 70.1 110.1



#10

Phenol

Concen: 48.984 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

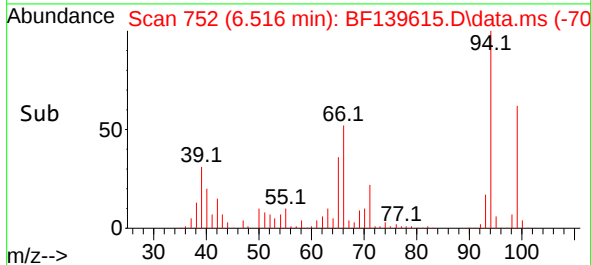
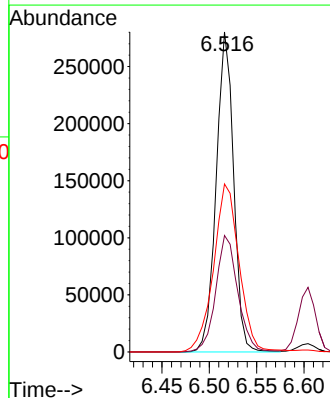
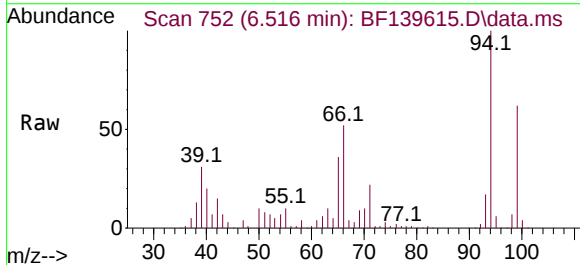
Tgt Ion: 94 Resp: 359136

Ion Ratio Lower Upper

94 100

65 36.4 15.3 55.3

66 52.5 30.5 70.5

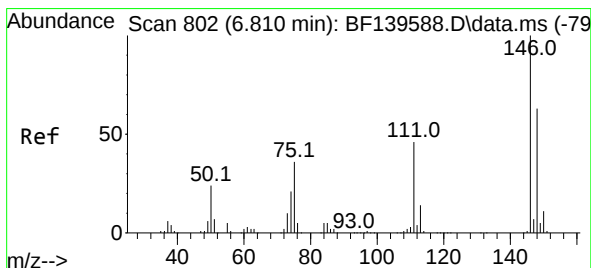
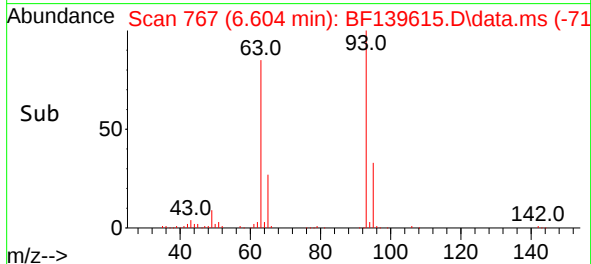
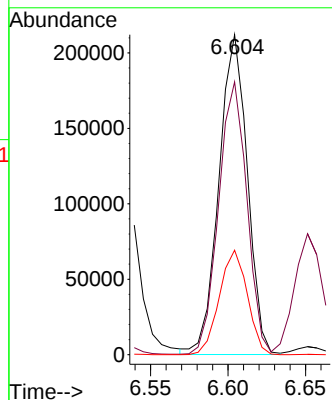
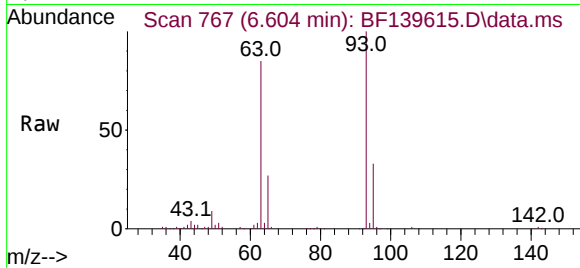




#11
bis(2-Chloroethyl)ether
Concen: 45.347 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

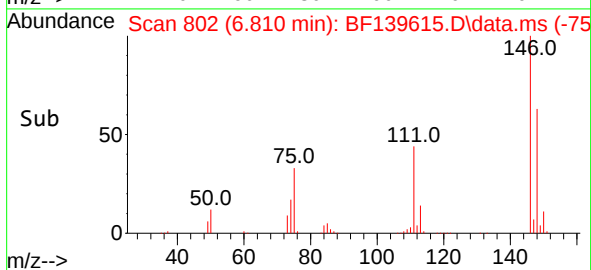
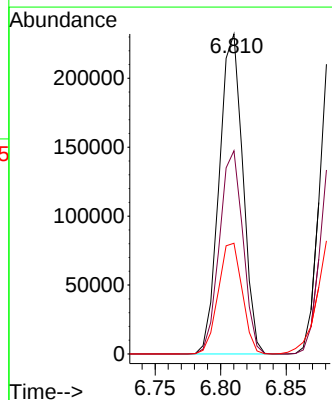
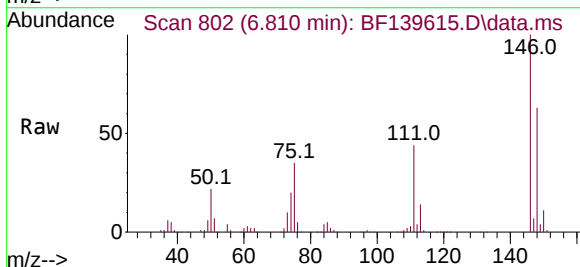
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion: 93 Resp: 270703
Ion Ratio Lower Upper
93 100
63 85.2 64.1 104.1
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.360 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion: 146 Resp: 289715
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 34.6 28.5 42.7

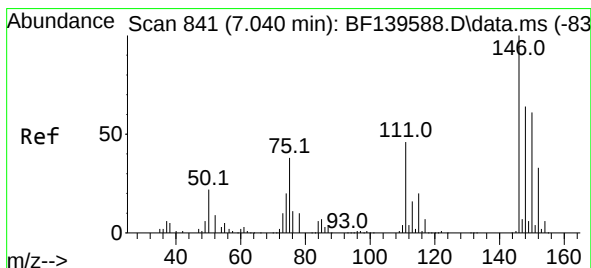
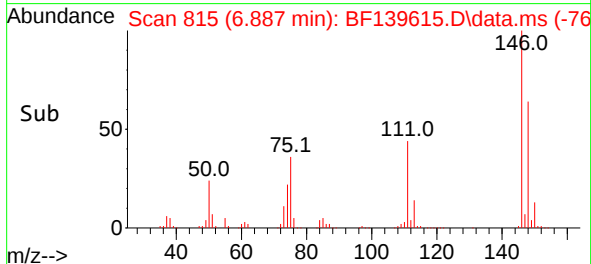
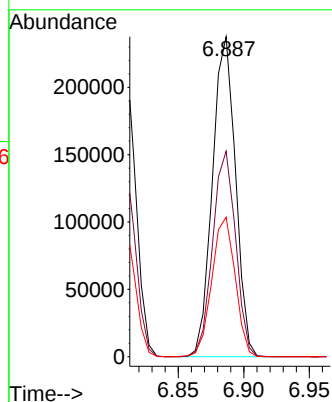
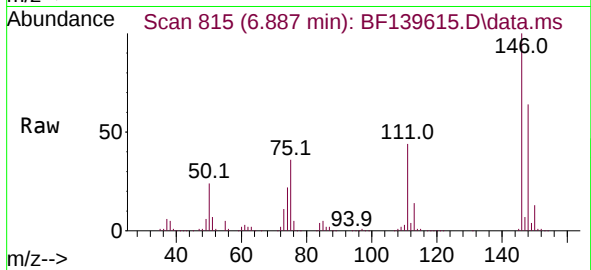




#13
1,4-Dichlorobenzene
Concen: 45.890 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

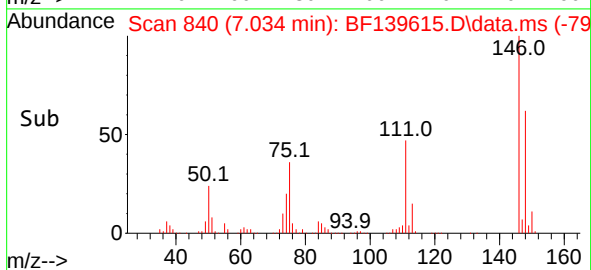
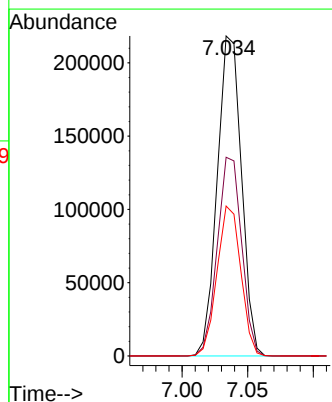
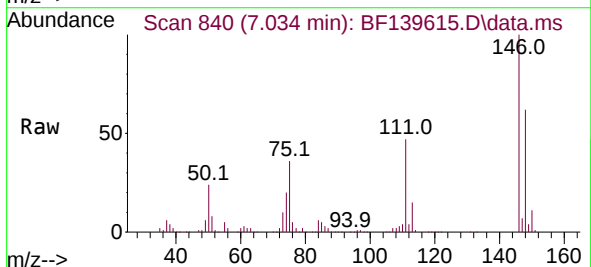
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:146 Resp: 290450
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.6 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 47.304 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:146 Resp: 280604
Ion Ratio Lower Upper
146 100
148 62.1 51.2 76.8
111 46.8 37.0 55.6

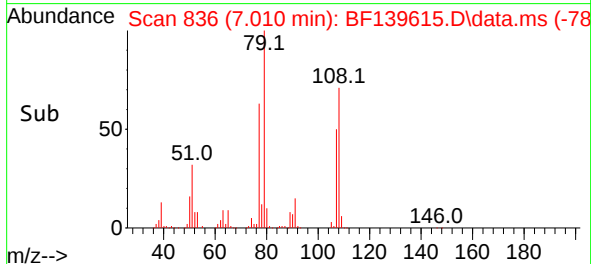
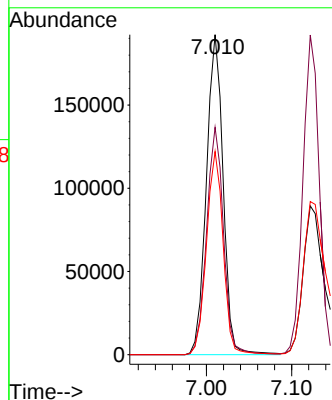
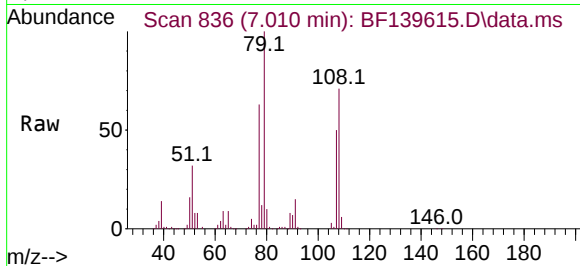




#15
Benzyl Alcohol
Concen: 49.255 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

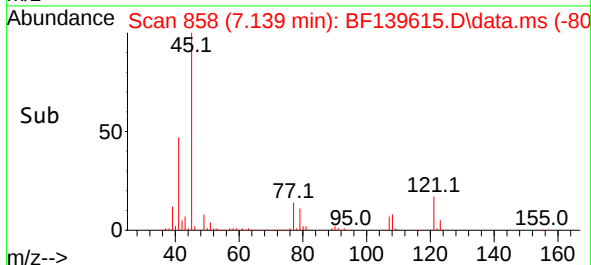
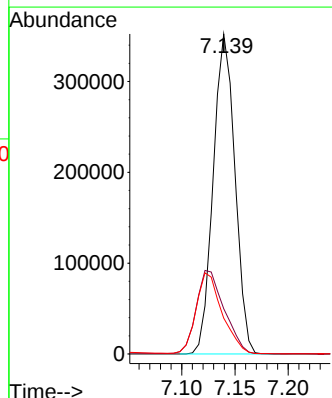
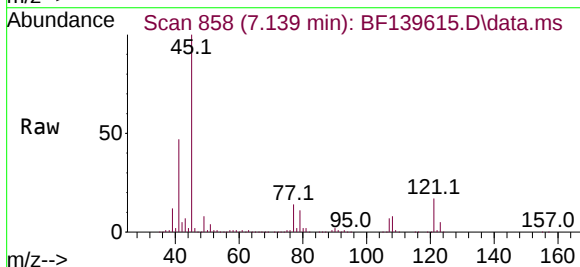
Instrument :
BNA_F
ClientSampleId :
TP-5MS

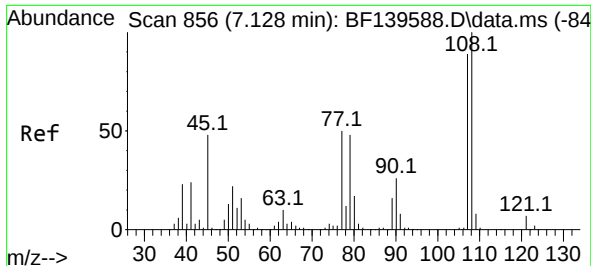
Tgt Ion: 79 Resp: 262408
Ion Ratio Lower Upper
79 100
108 71.1 55.1 82.7
77 63.5 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.270 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion: 45 Resp: 498839
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.5
79 11.2 0.0 29.7

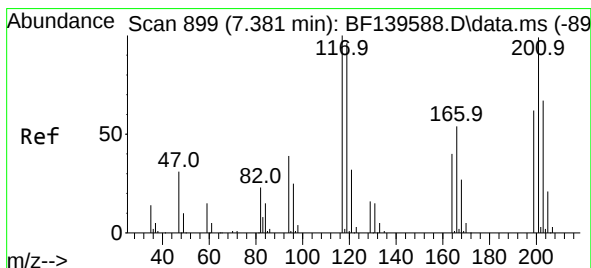
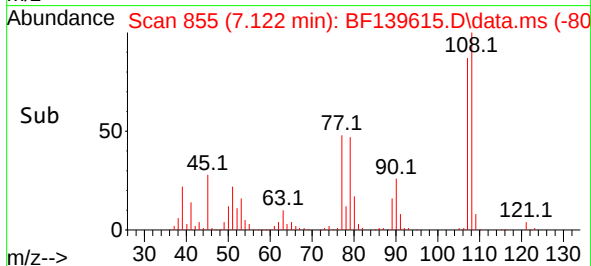
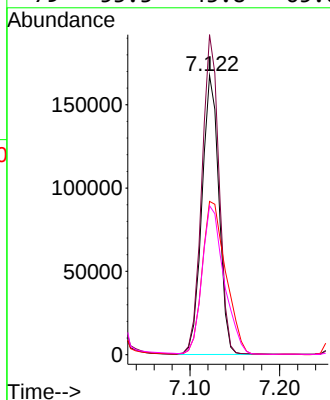
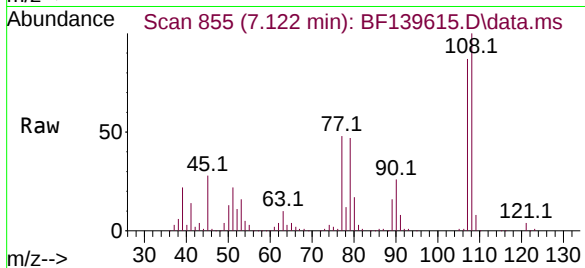




#17
2-Methylphenol
Concen: 47.581 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

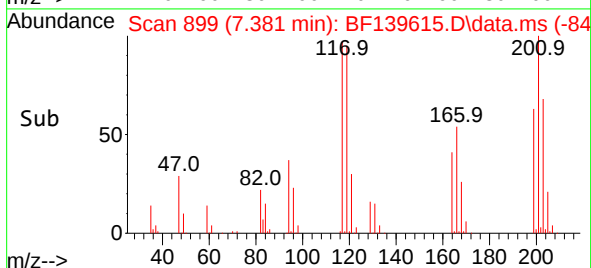
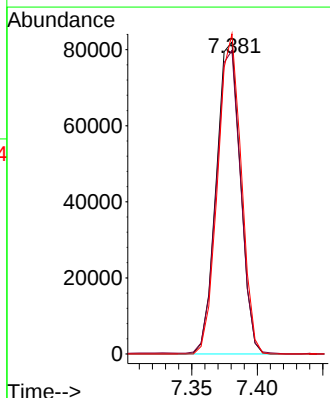
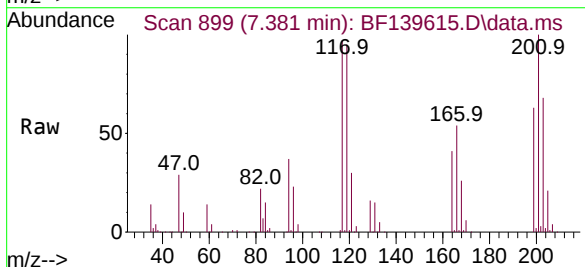
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:	107	Resp:	220657
Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.8	134.6
77	54.9	44.6	67.0
79	53.3	43.8	65.6



#18
Hexachloroethane
Concen: 44.436 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:	117	Resp:	104905
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.0	115.6
201	102.6	79.2	118.8

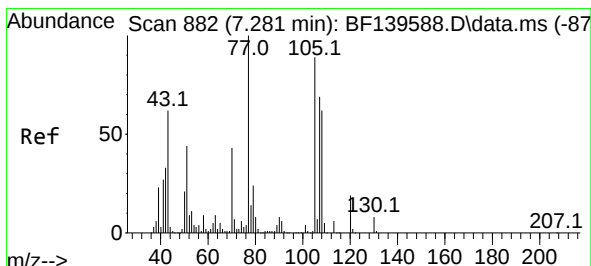
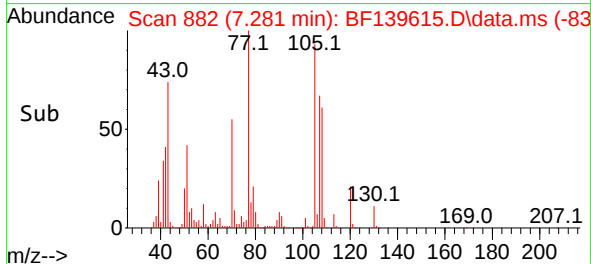
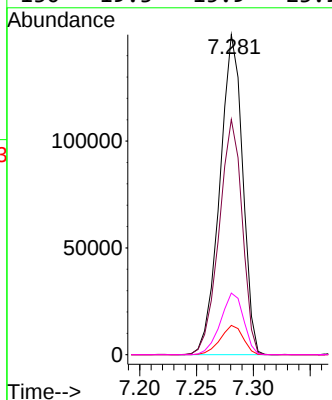
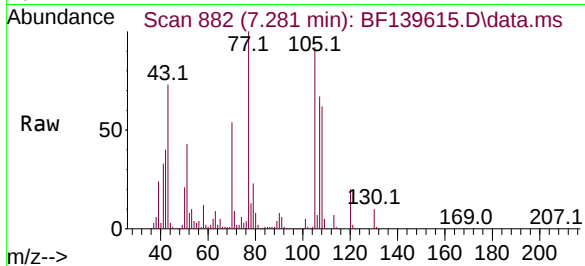




#19
n-Nitroso-di-n-propylamine
Concen: 46.897 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

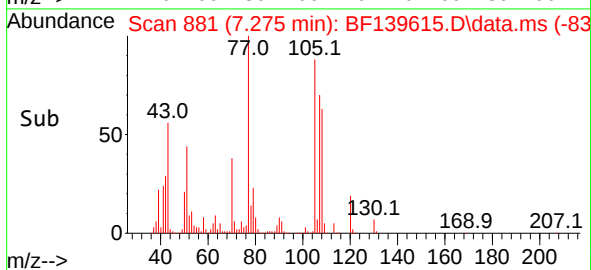
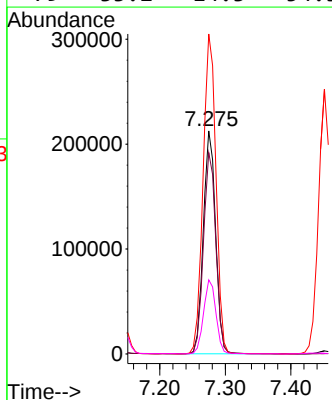
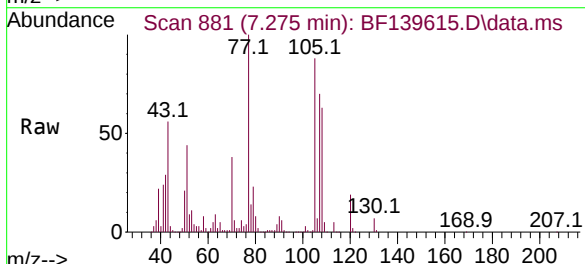
Instrument :
BNA_F
ClientSampleId :
TP-5MS

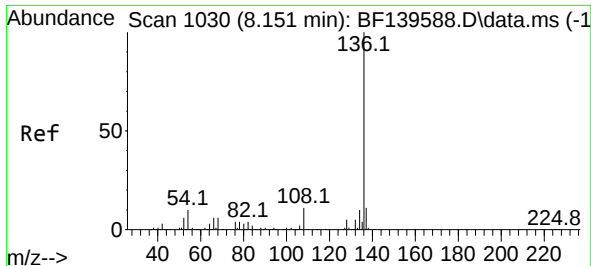
Tgt Ion: 70 Resp: 210228
Ion Ratio Lower Upper
70 100
42 73.5 58.0 87.0
101 9.2 7.8 11.8
130 19.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 47.526 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:107 Resp: 276834
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 143.5 125.3 165.3
79 33.2 14.3 54.3



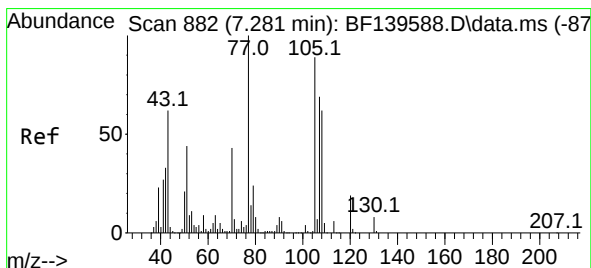
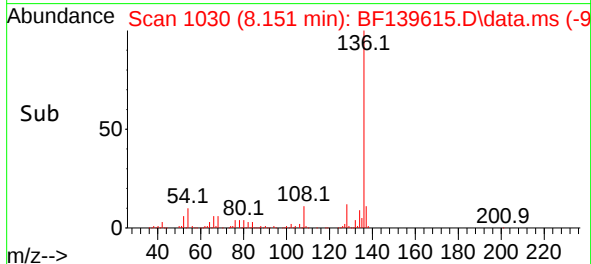
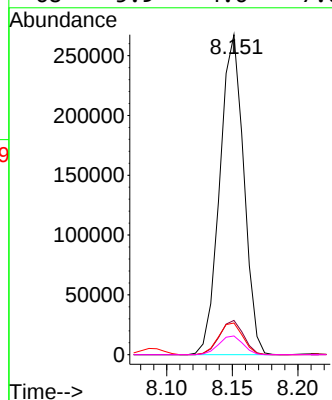
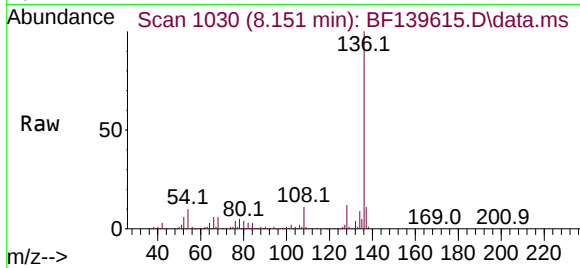


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:136 Resp: 338986

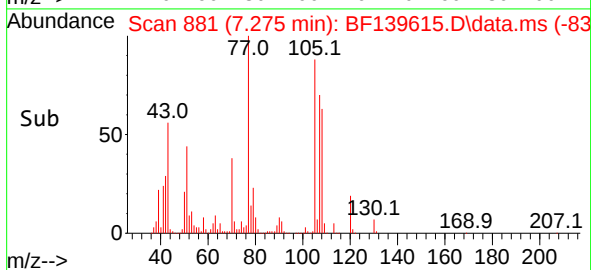
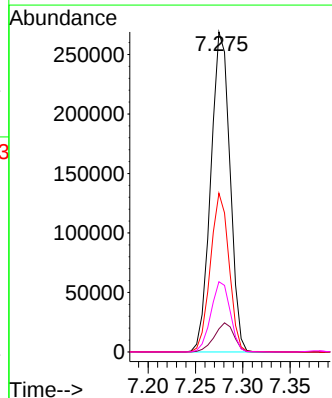
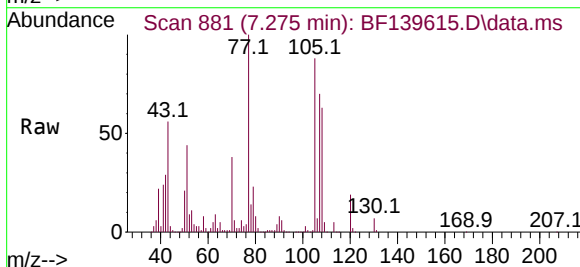
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.9	8.3	12.5
68	5.9	4.6	7.0

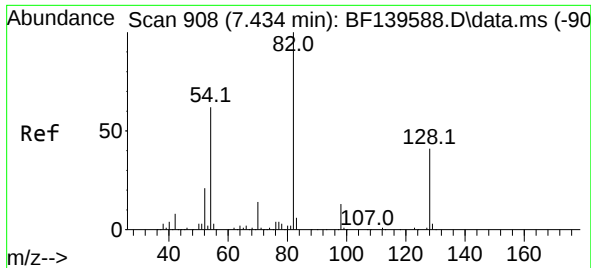


#22
Acetophenone
Concen: 46.963 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:105 Resp: 377887

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.6	10.0
51	49.6	39.4	59.0
120	22.0	17.4	26.2

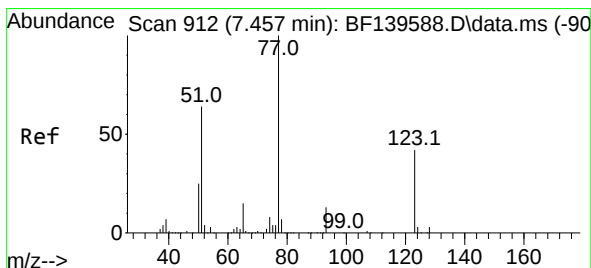
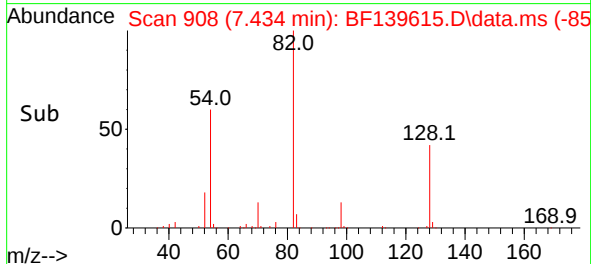
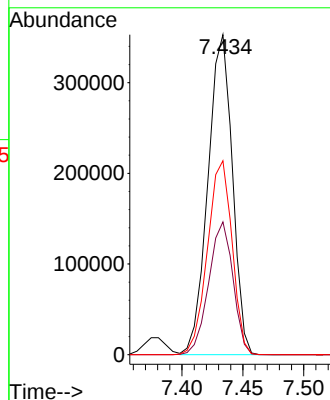
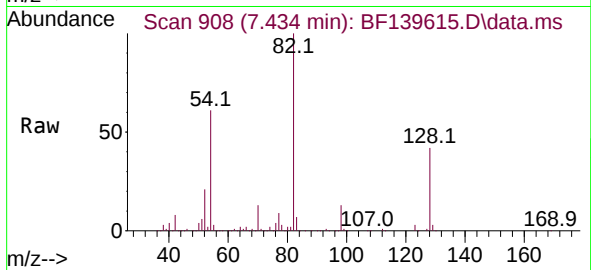




#23
Nitrobenzene-d5
Concen: 73.410 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

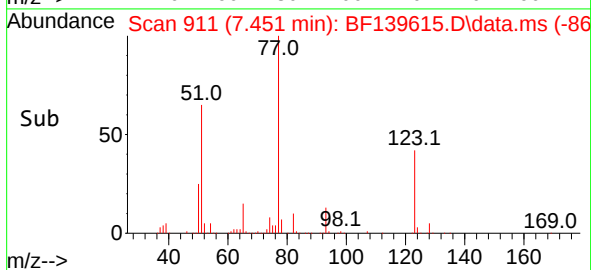
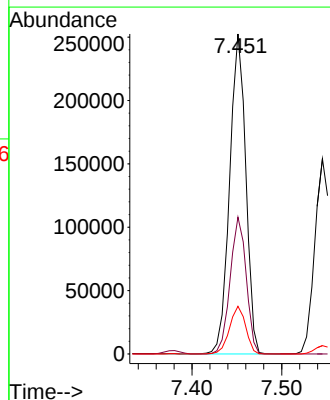
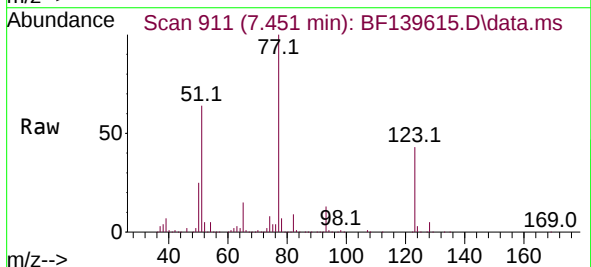
Instrument :
BNA_F
ClientSampleId :
TP-5MS

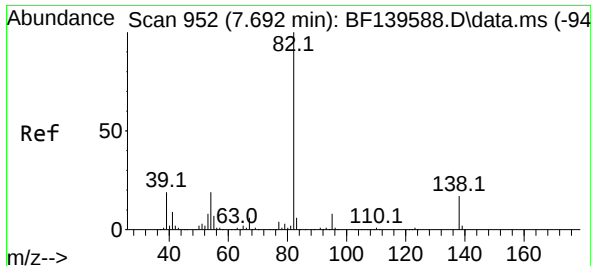
Tgt Ion: 82 Resp: 491504
Ion Ratio Lower Upper
82 100
128 41.5 32.4 48.6
54 60.6 49.1 73.7



#24
Nitrobenzene
Concen: 45.555 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion: 77 Resp: 315834
Ion Ratio Lower Upper
77 100
123 42.7 34.2 51.4
65 14.9 12.1 18.1

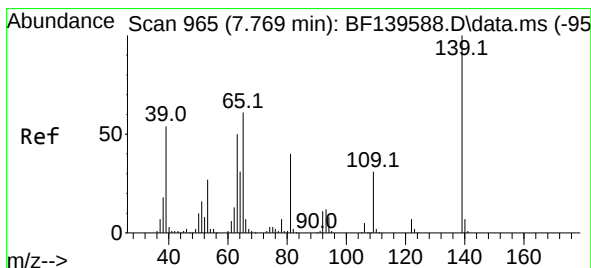
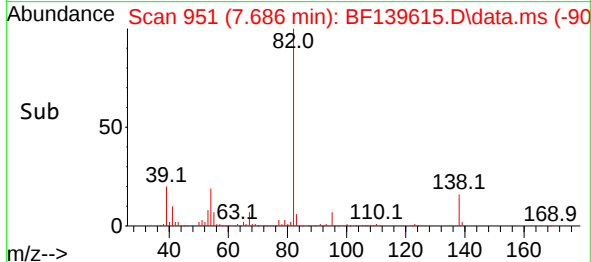
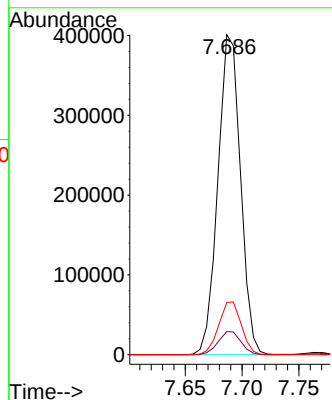
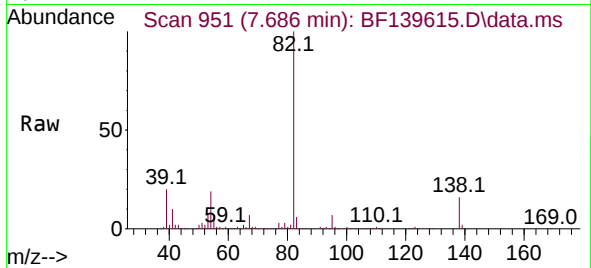




#25
Isophorone
Concen: 46.712 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

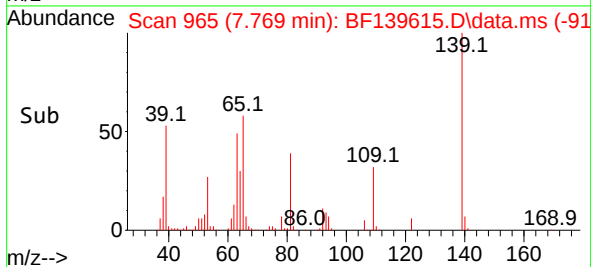
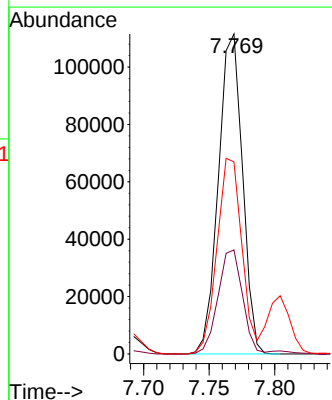
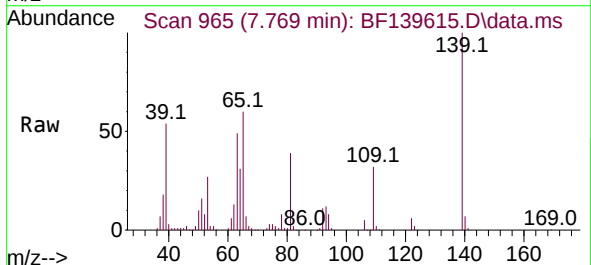
Instrument :
BNA_F
ClientSampleId :
TP-5MS

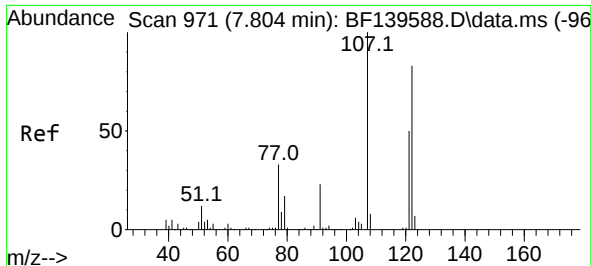
Tgt Ion: 82 Resp: 555489
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.3 13.4 20.2



#26
2-Nitrophenol
Concen: 47.826 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:139 Resp: 142545
Ion Ratio Lower Upper
139 100
109 32.5 24.9 37.3
65 60.0 48.6 72.8

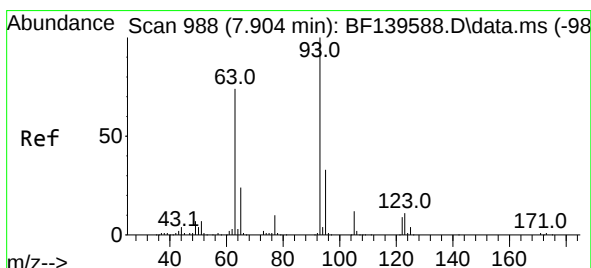
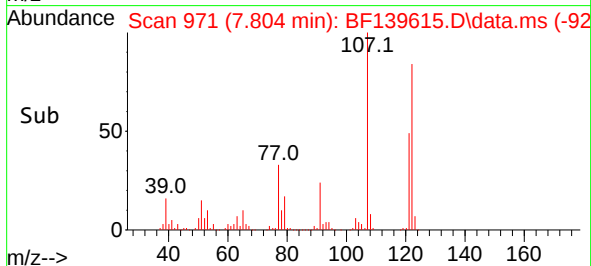
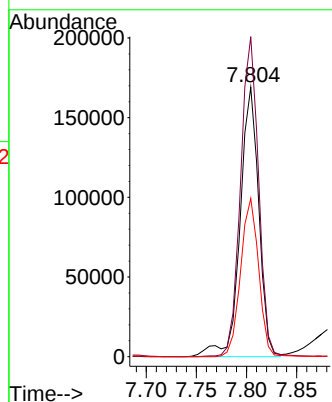
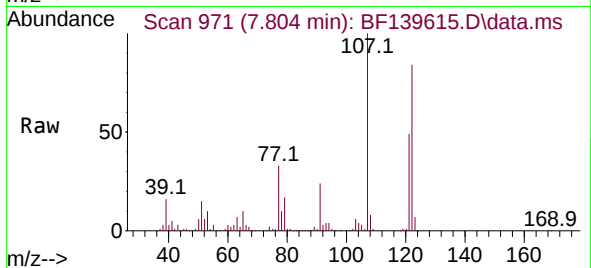




#27
2,4-Dimethylphenol
Concen: 60.225 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

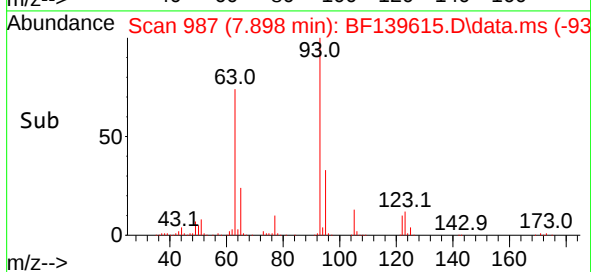
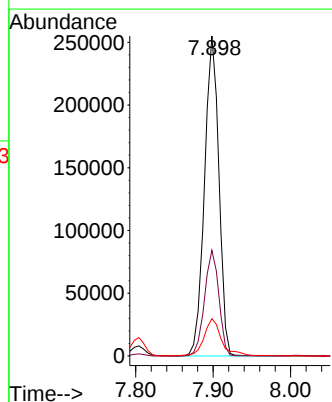
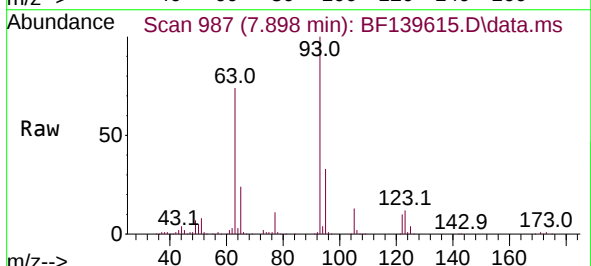
Instrument :
BNA_F
ClientSampleId :
TP-5MS

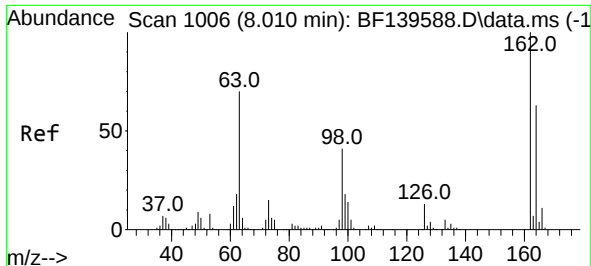
Tgt Ion:122 Resp: 219743
Ion Ratio Lower Upper
122 100
107 118.8 95.4 143.0
121 58.7 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 46.325 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion: 93 Resp: 328955
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.465 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

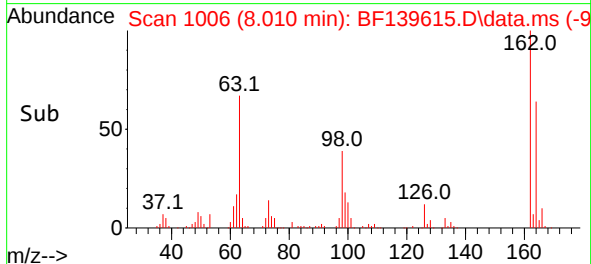
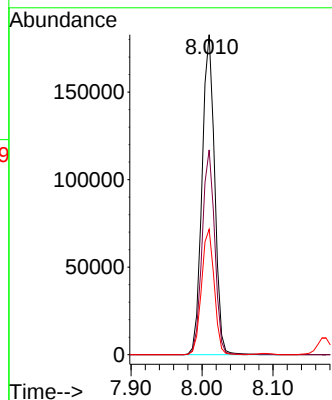
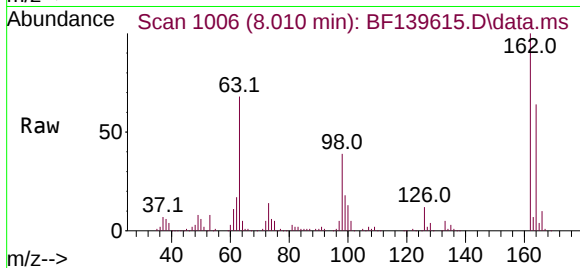
Tgt Ion:162 Resp: 225892

Ion Ratio Lower Upper

162 100

164 64.0 43.1 83.1

98 39.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.437 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

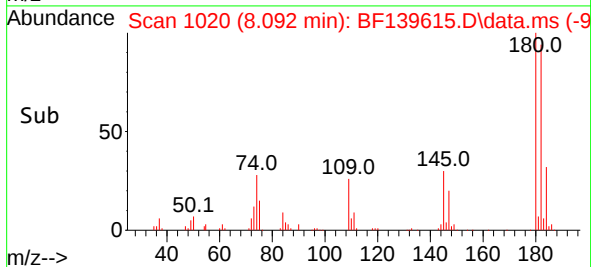
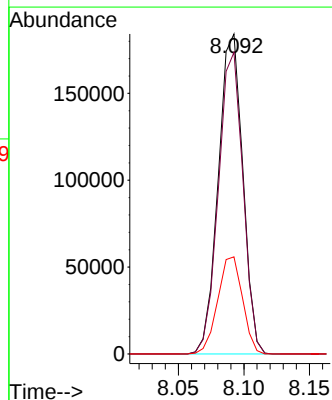
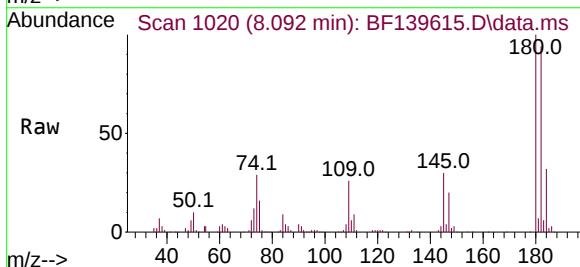
Tgt Ion:180 Resp: 239165

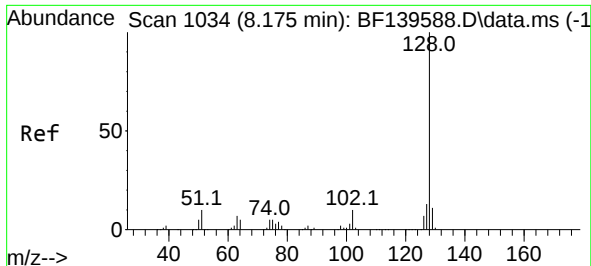
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 30.3 25.0 37.6

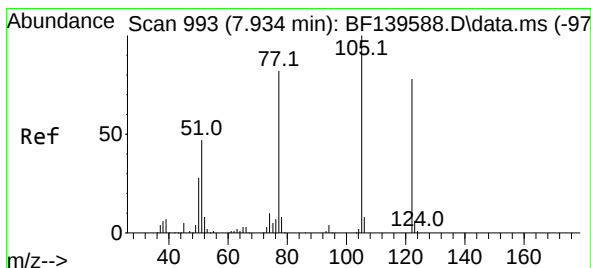
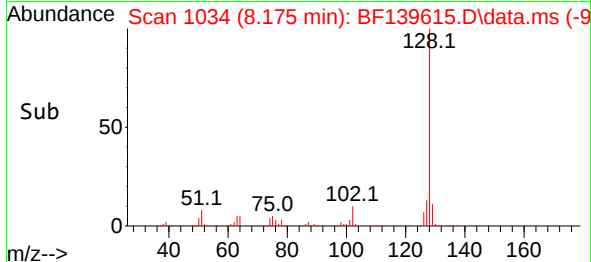
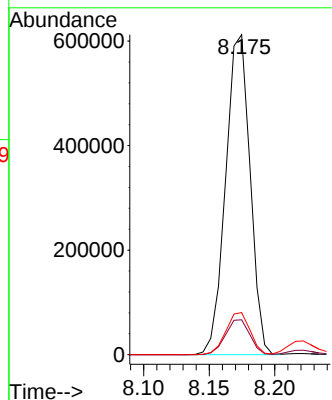
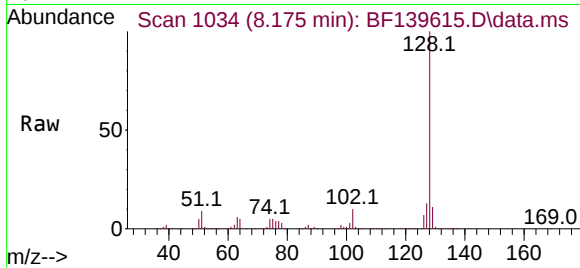




#31
Naphthalene
Concen: 45.820 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

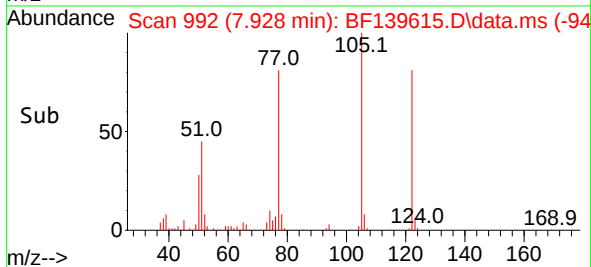
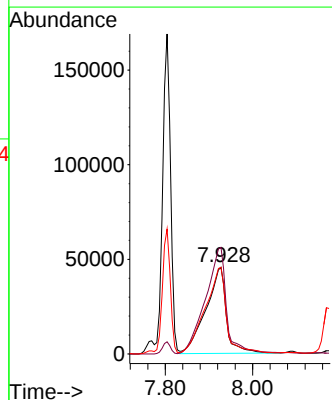
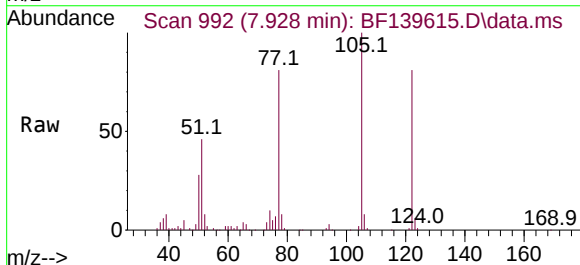
Instrument :
BNA_F
ClientSampleId :
TP-5MS

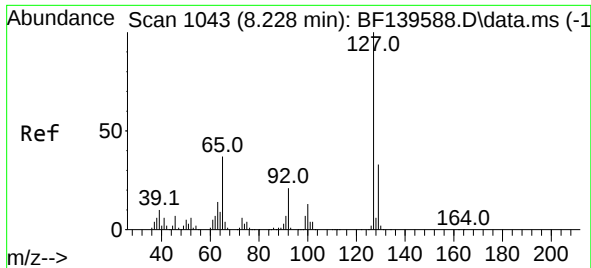
Tgt Ion:128 Resp: 794158
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 40.855 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:122 Resp: 148227
Ion Ratio Lower Upper
122 100
105 123.0 104.9 144.9
77 100.2 82.7 122.7

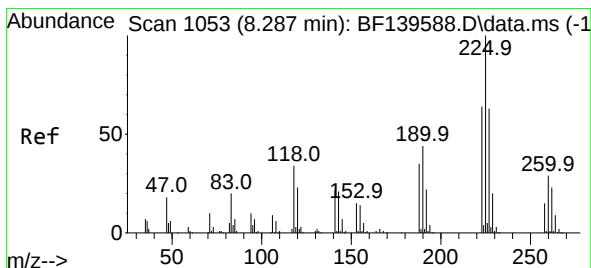
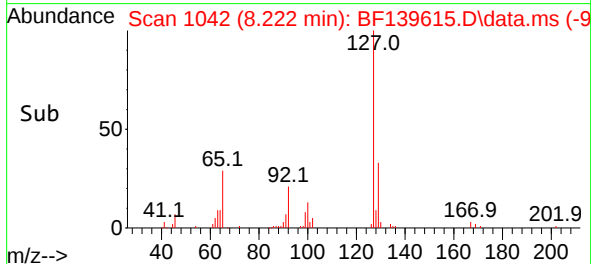
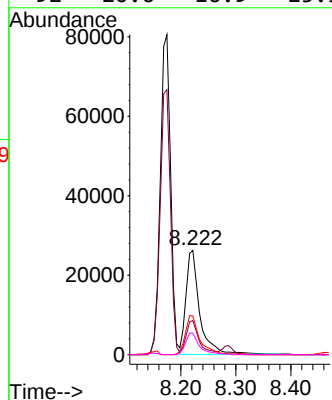
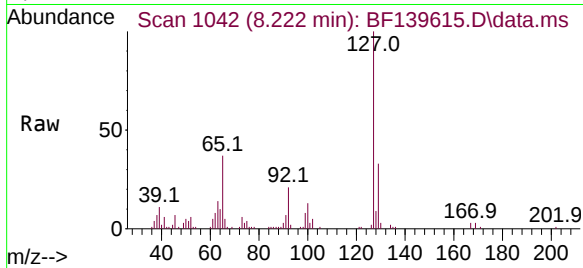




#33
4-Chloroaniline
Concen: 7.702 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

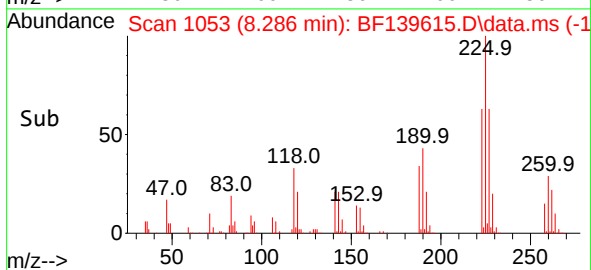
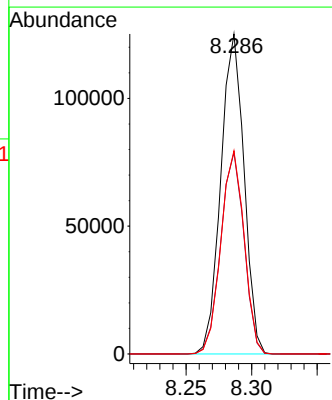
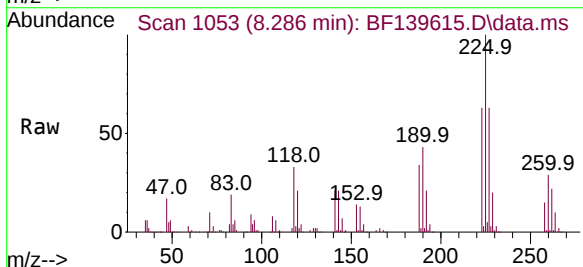
Instrument :
BNA_F
ClientSampleId :
TP-5MS

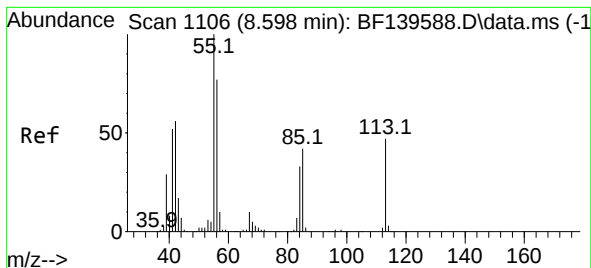
Tgt Ion:	127	Resp:	45183
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.4
65	37.1	29.3	43.9
92	20.6	16.9	25.3



#34
Hexachlorobutadiene
Concen: 44.236 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:	225	Resp:	154073
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.9	76.3
227	63.5	50.7	76.1





#35

Caprolactam

Concen: 35.952 ng

RT: 8.592 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

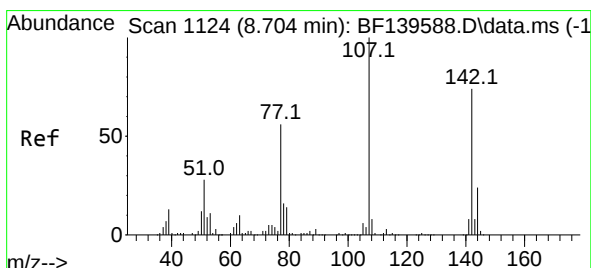
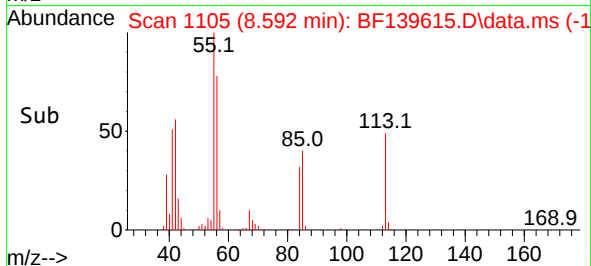
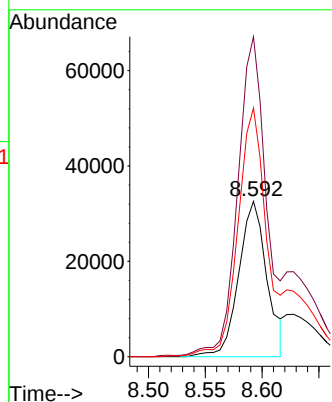
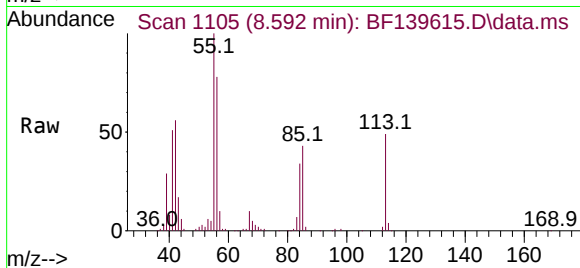
Tgt Ion:113 Resp: 56120

Ion Ratio Lower Upper

113 100

55 205.9 193.4 233.4

56 160.0 143.8 183.8



#36

4-Chloro-3-methylphenol

Concen: 45.128 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

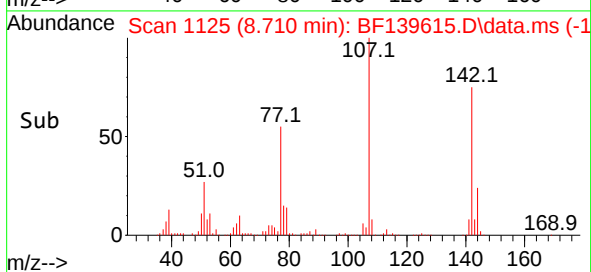
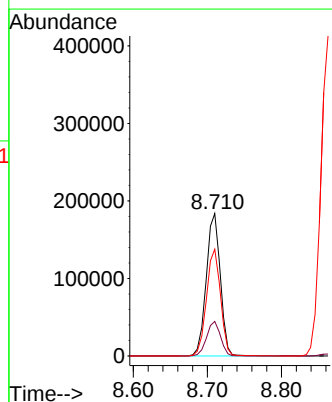
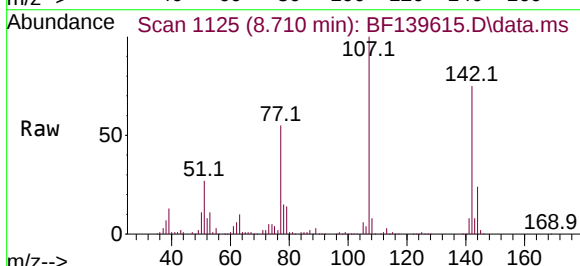
Tgt Ion:107 Resp: 243120

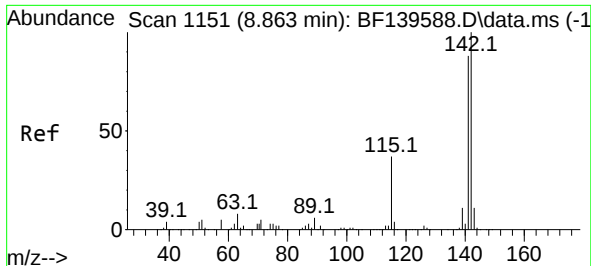
Ion Ratio Lower Upper

107 100

144 24.2 19.0 28.6

142 75.0 59.2 88.8

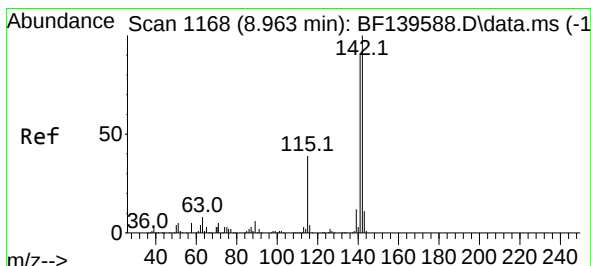
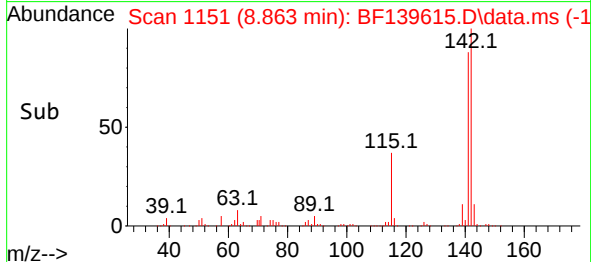
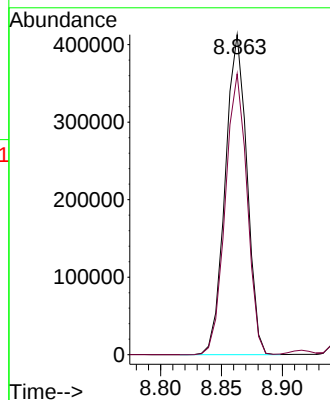
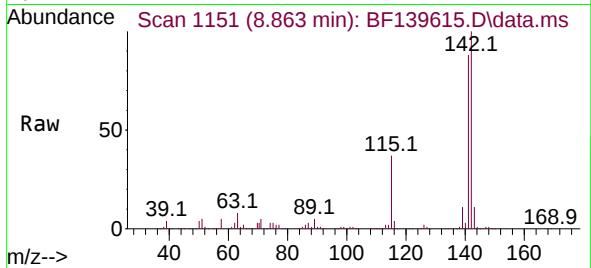




#37
2-Methylnaphthalene
Concen: 45.410 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

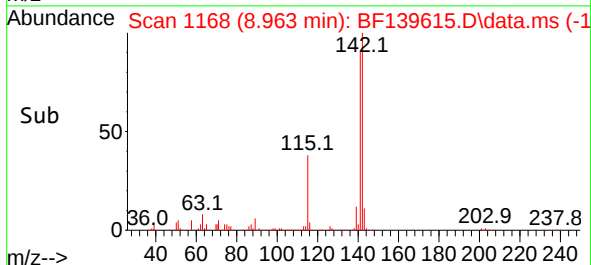
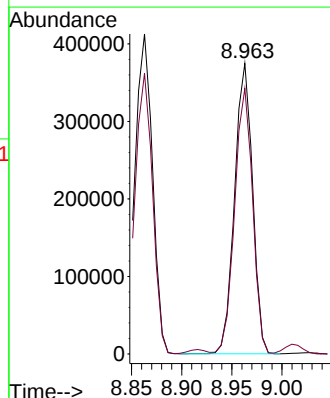
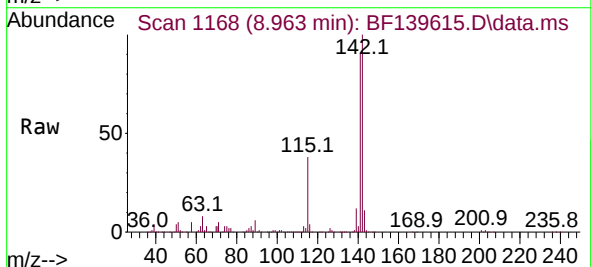
Instrument :
BNA_F
ClientSampleId :
TP-5MS

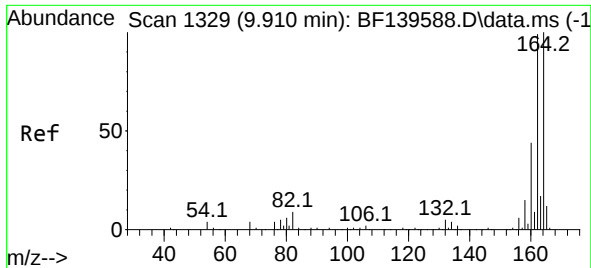
Tgt Ion:142 Resp: 512588
Ion Ratio Lower Upper
142 100
141 87.7 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.362 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:142 Resp: 467422
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

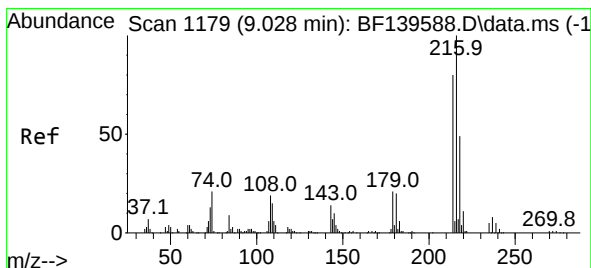
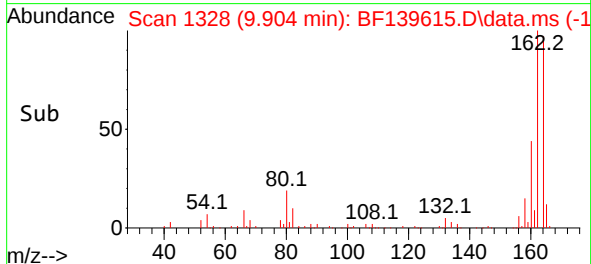
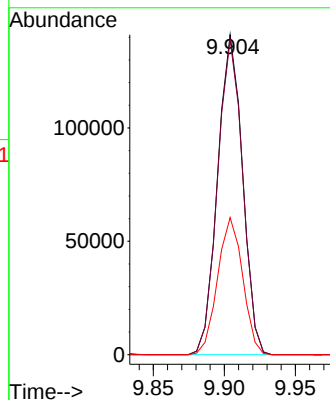
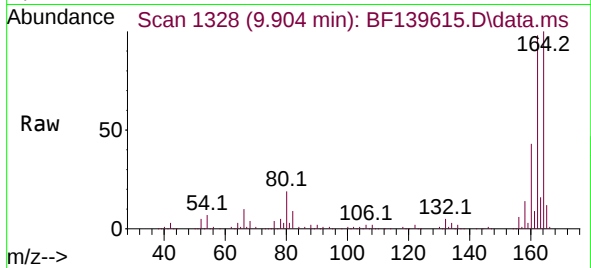
Tgt Ion:164 Resp: 171882

Ion Ratio Lower Upper

164 100

162 98.4 79.4 119.0

160 42.9 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.124 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Tgt Ion:216 Resp: 234467

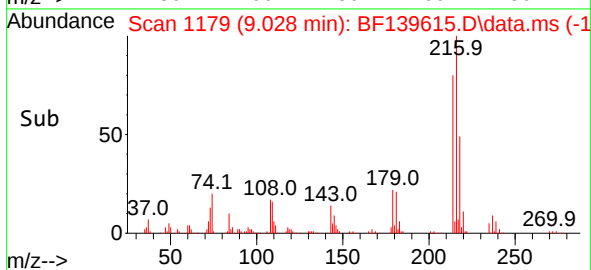
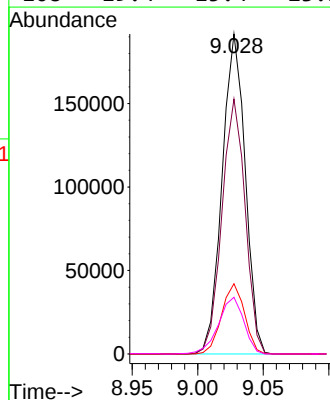
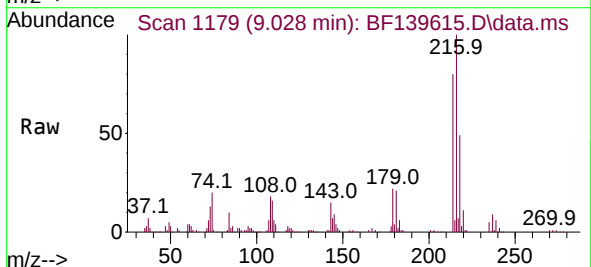
Ion Ratio Lower Upper

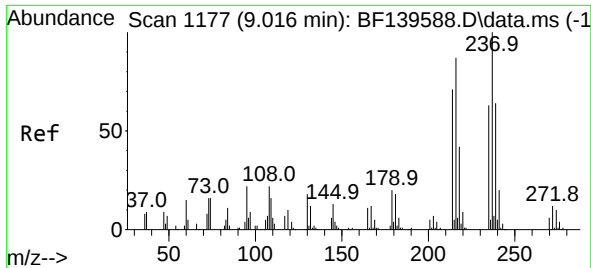
216 100

214 79.9 63.7 95.5

179 21.8 16.9 25.3

108 19.4 15.4 23.2

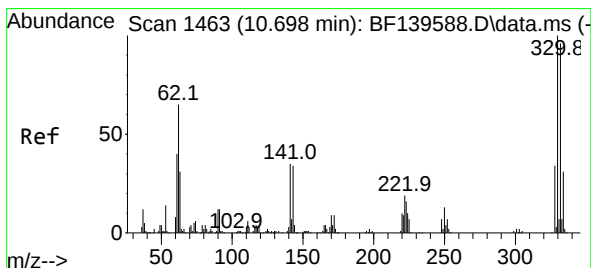
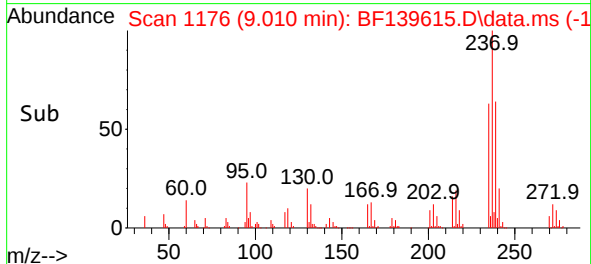
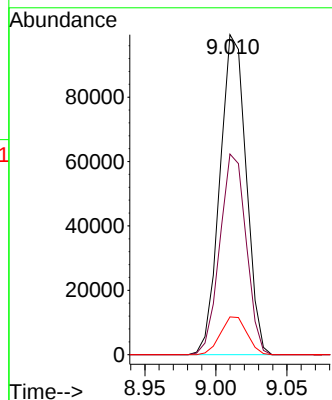
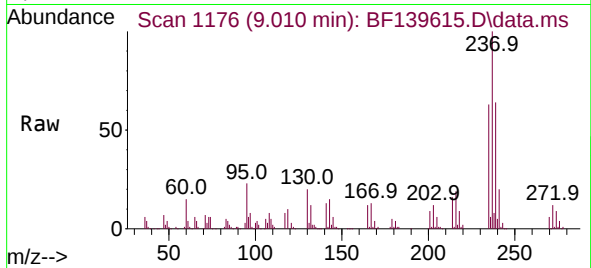




#41
Hexachlorocyclopentadiene
Concen: 87.407 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

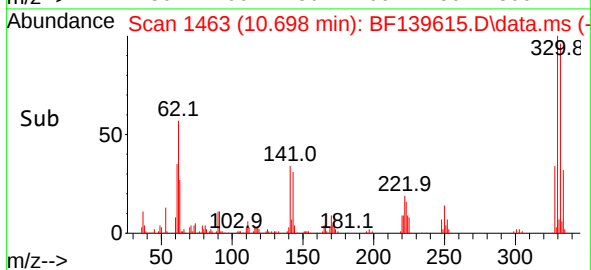
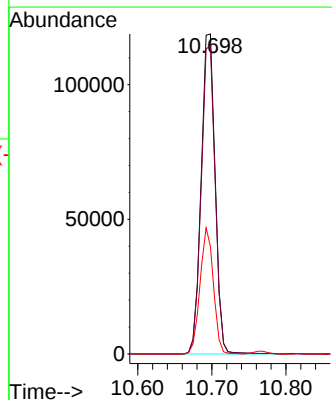
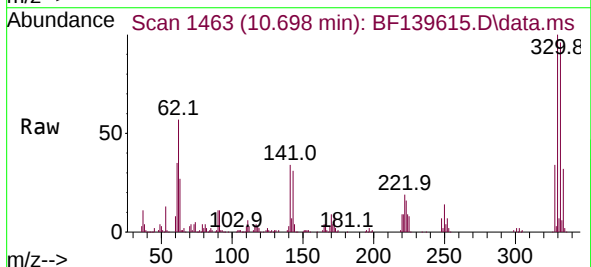
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:237 Resp: 127920
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 11.8 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 94.155 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:330 Resp: 156226
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 37.5 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 49.286 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

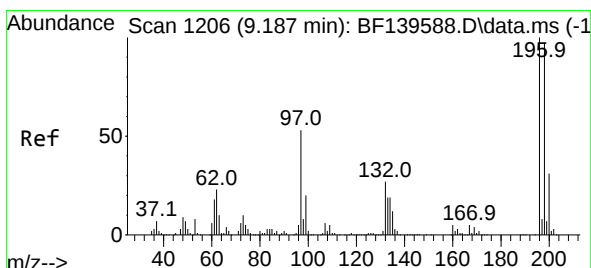
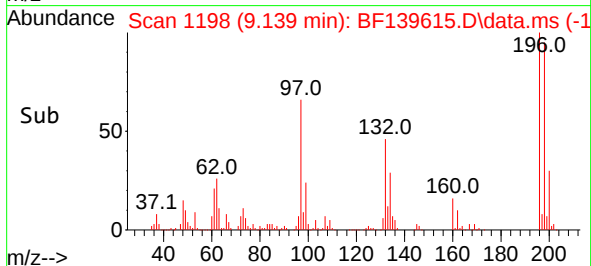
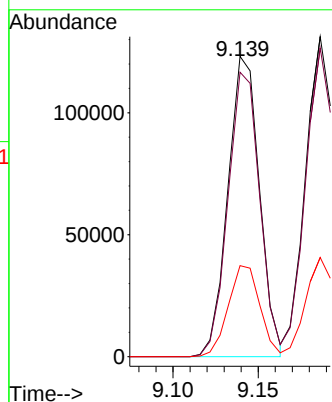
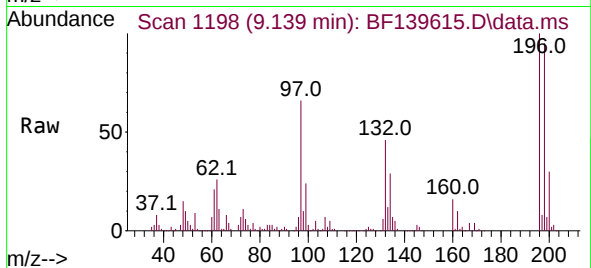
Tgt Ion:196 Resp: 158582

Ion Ratio Lower Upper

196 100

198 94.7 75.2 112.8

200 30.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 46.255 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Tgt Ion:196 Resp: 160499

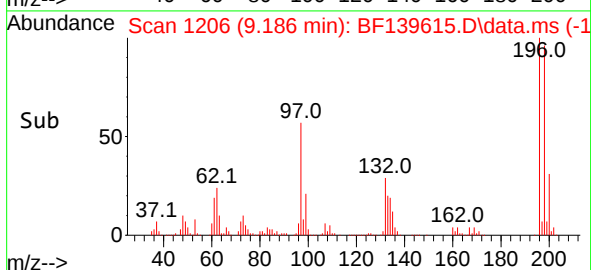
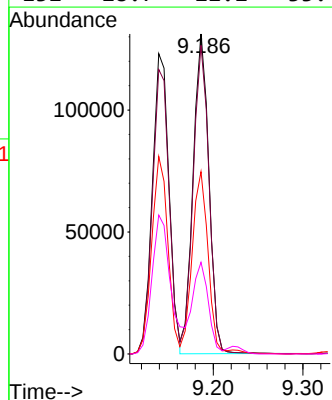
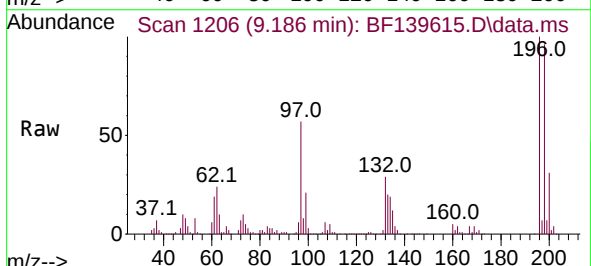
Ion Ratio Lower Upper

196 100

198 96.4 77.5 116.3

97 56.9 43.1 64.7

132 28.7 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 74.046 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

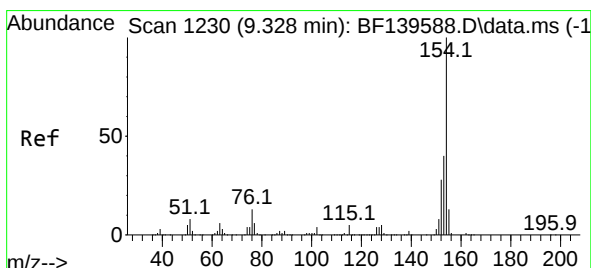
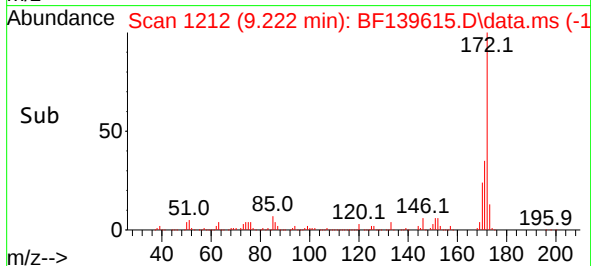
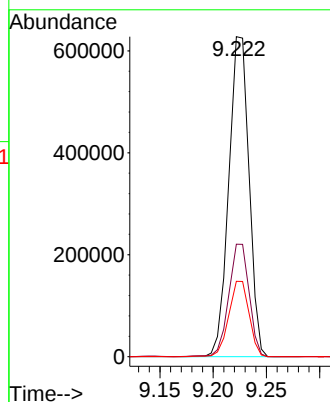
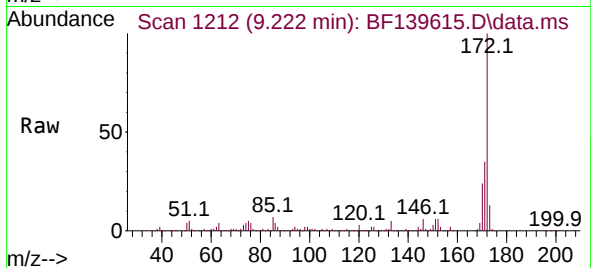
Tgt Ion:172 Resp: 829037

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 48.763 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

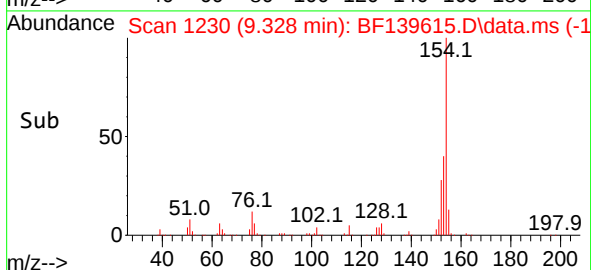
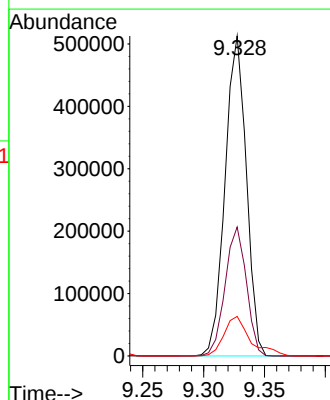
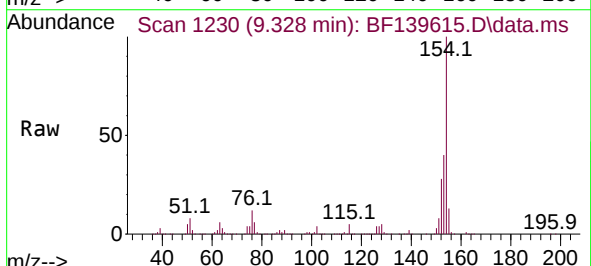
Tgt Ion:154 Resp: 623387

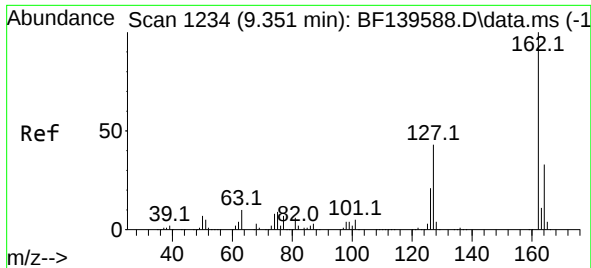
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 12.3 0.0 32.6

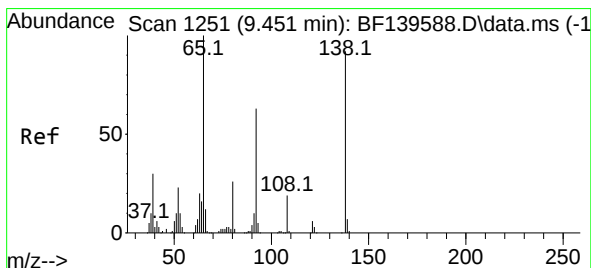
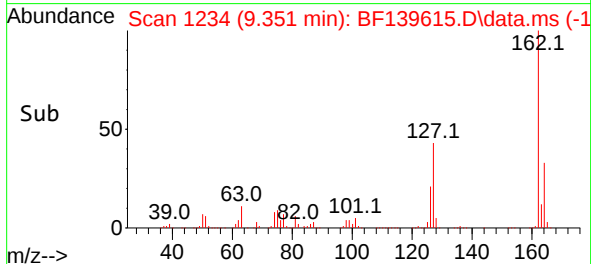
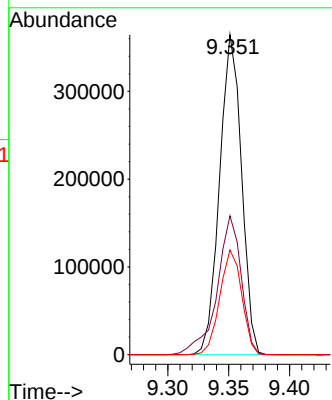
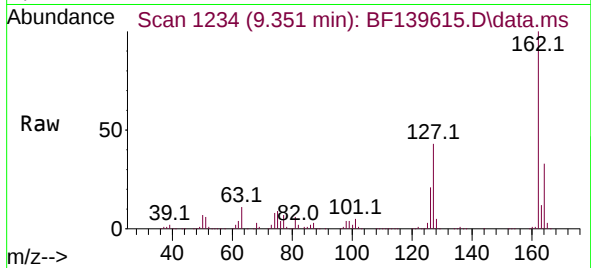




#47
2-Chloronaphthalene
Concen: 47.697 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

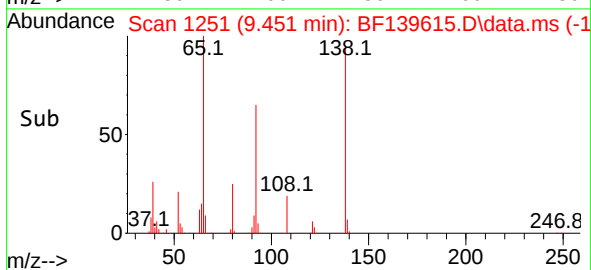
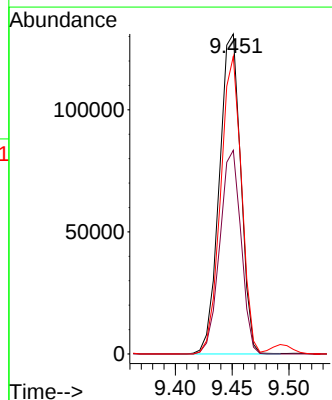
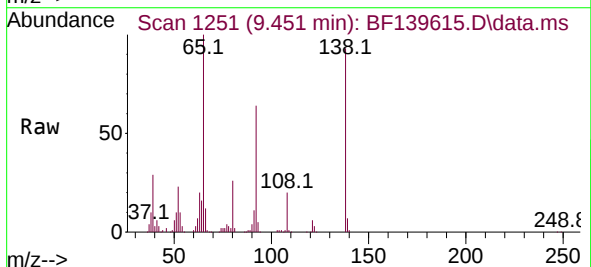
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:162 Resp: 457117
Ion Ratio Lower Upper
162 100
127 43.4 35.0 52.4
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 50.041 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion: 65 Resp: 172157
Ion Ratio Lower Upper
65 100
92 63.7 50.0 75.0
138 93.0 73.8 110.8

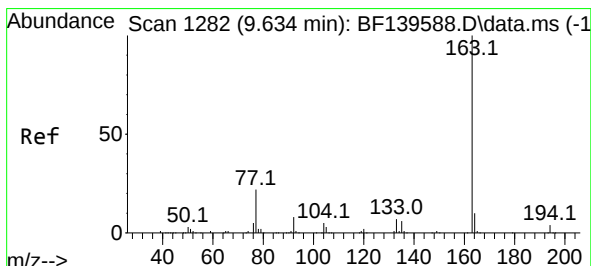
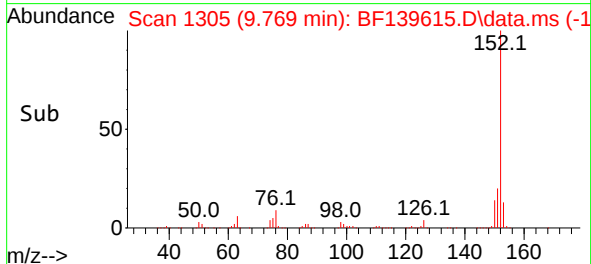
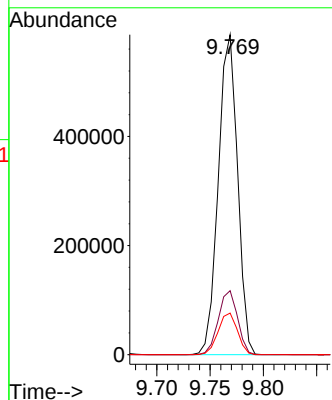
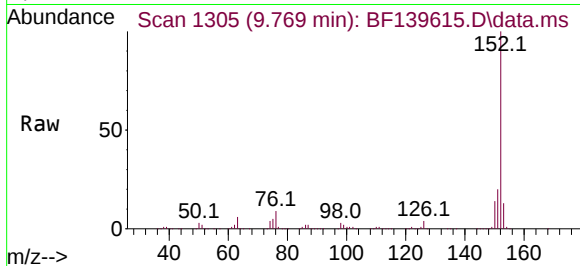




#49
Acenaphthylene
Concen: 50.476 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

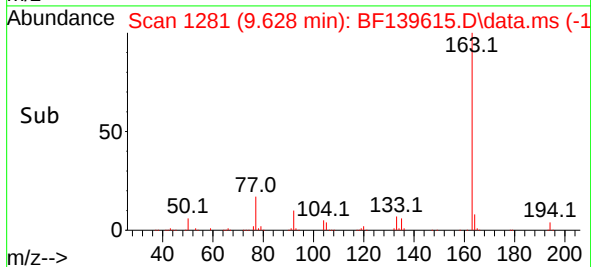
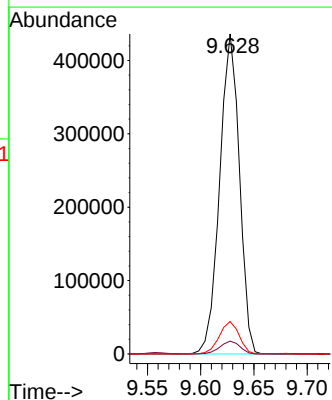
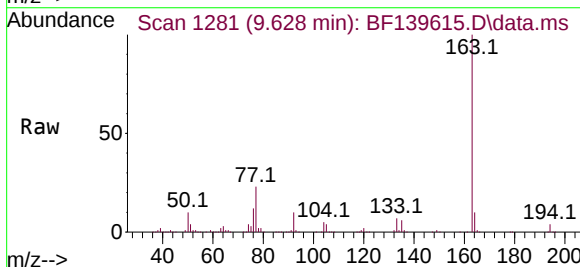
Instrument :
BNA_F
ClientSampleId :
TP-5MS

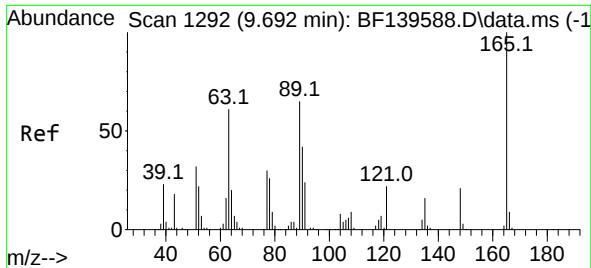
Tgt Ion:152 Resp: 735677
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 49.849 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:163 Resp: 560884
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.1 12.1

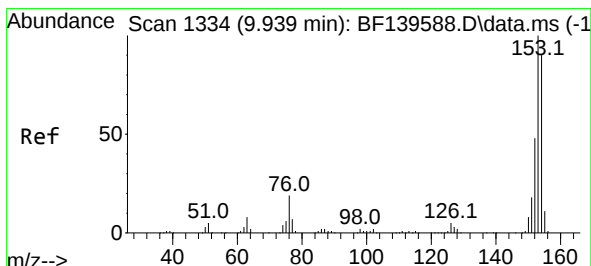
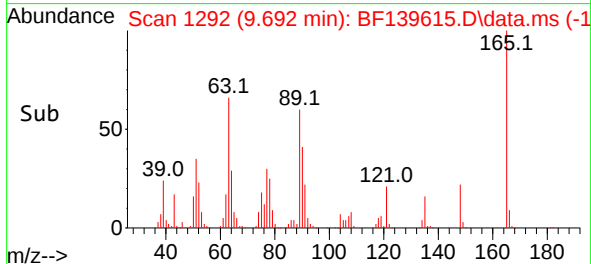
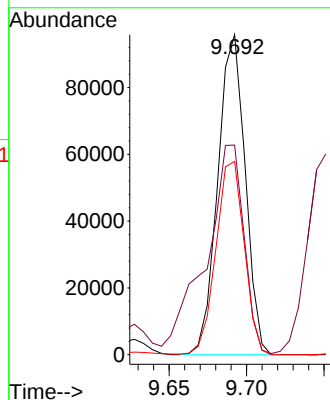
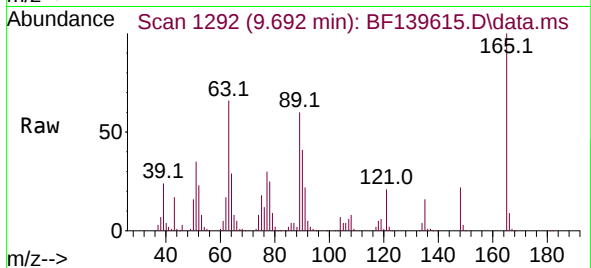




#51
2,6-Dinitrotoluene
Concen: 46.359 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

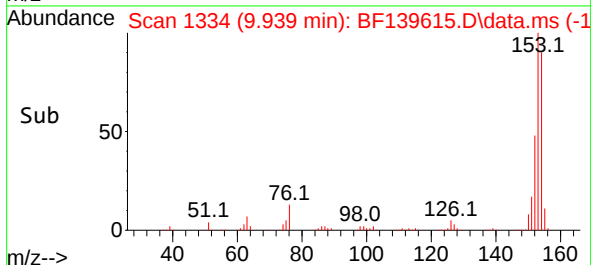
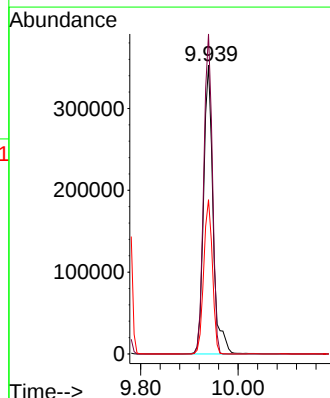
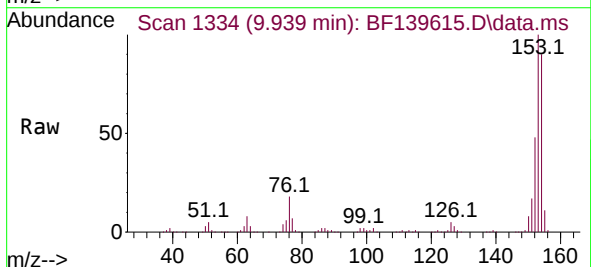
Instrument :
BNA_F
ClientSampleId :
TP-5MS

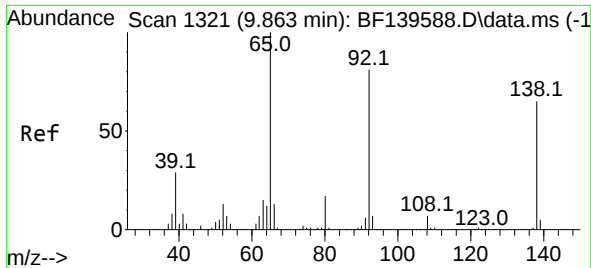
Tgt Ion:165 Resp: 117829
Ion Ratio Lower Upper
165 100
63 65.5 56.7 85.1
89 60.4 51.6 77.4



#52
Acenaphthene
Concen: 47.449 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:154 Resp: 474761
Ion Ratio Lower Upper
154 100
153 110.9 88.8 133.2
152 53.4 42.5 63.7

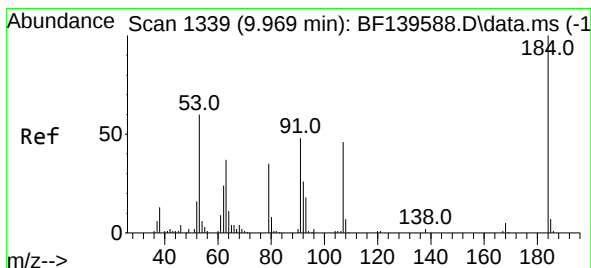
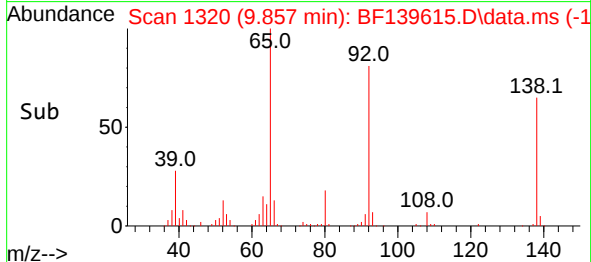
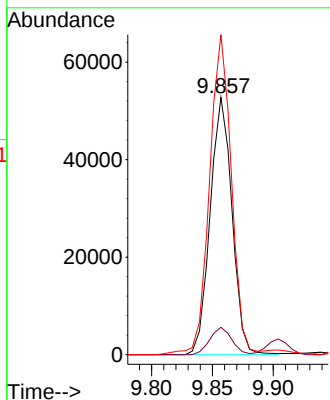
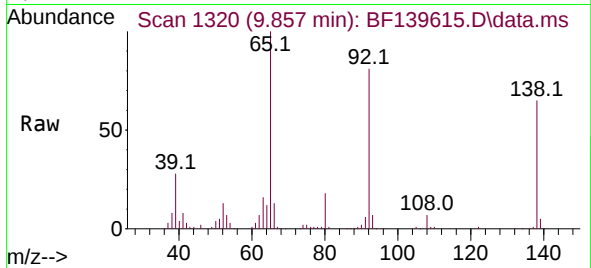




#53
3-Nitroaniline
Concen: 25.389 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

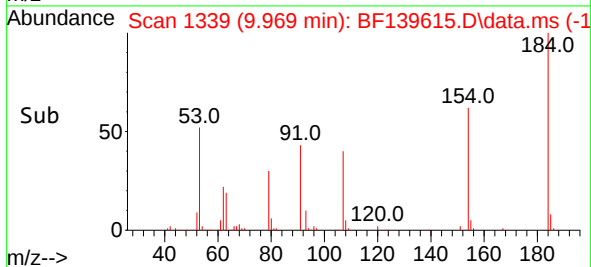
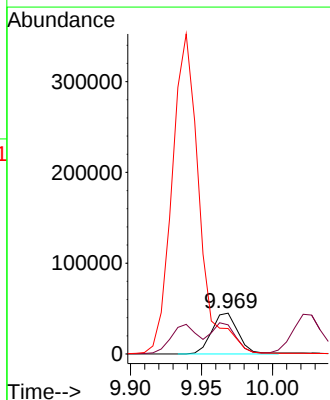
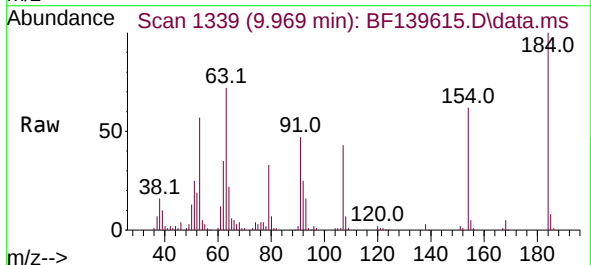
Instrument :
BNA_F
ClientSampleId :
TP-5MS

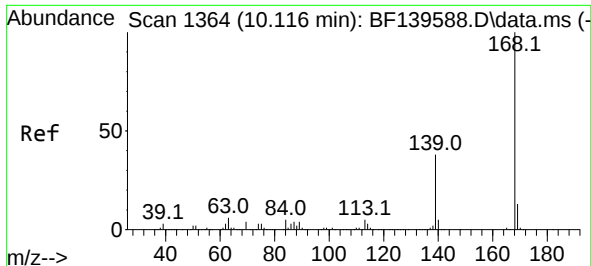
Tgt Ion:138 Resp: 65945
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 124.4 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 42.549 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:184 Resp: 58167
Ion Ratio Lower Upper
184 100
63 71.6 61.7 92.5
154 62.3 53.0 79.4

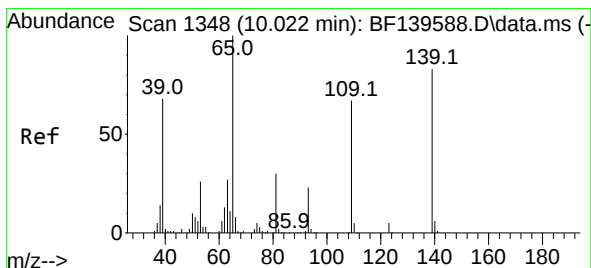
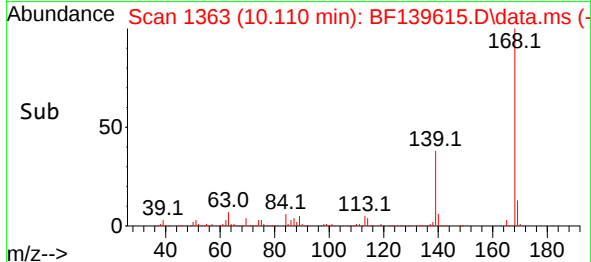
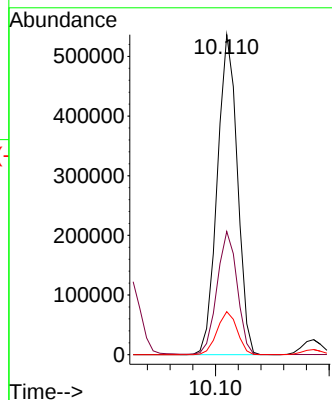
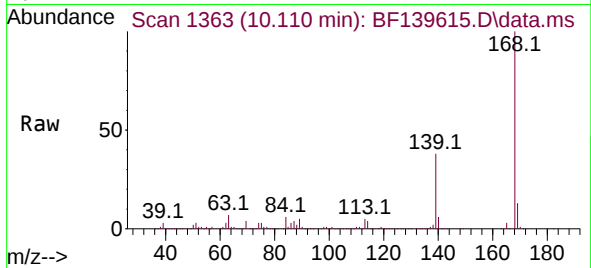




#55
Dibenzofuran
Concen: 47.077 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

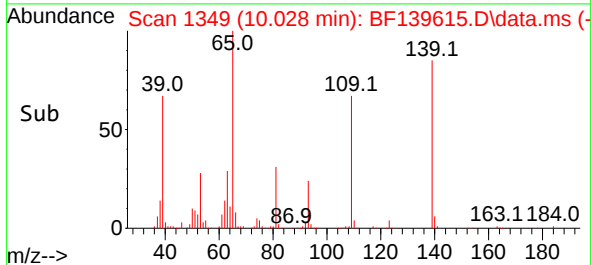
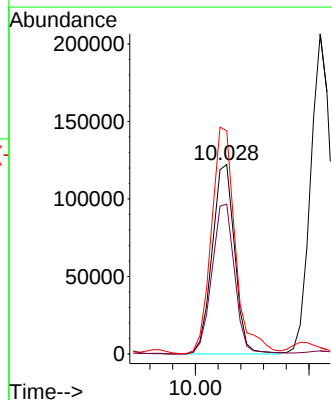
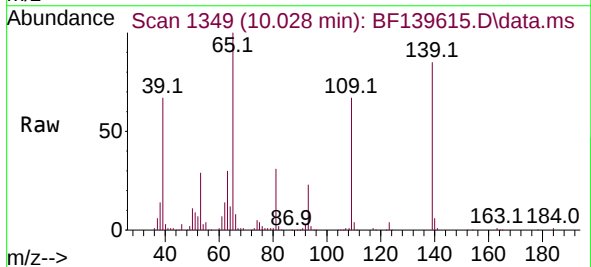
Instrument :
BNA_F
ClientSampleId :
TP-5MS

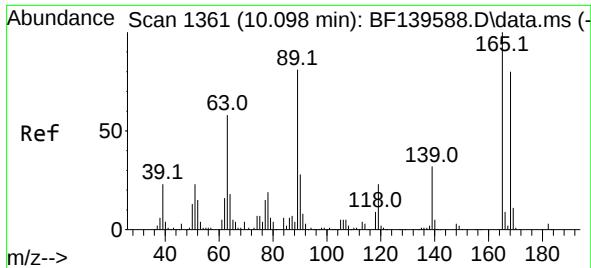
Tgt Ion:168 Resp: 659512
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 84.791 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:139 Resp: 167947
Ion Ratio Lower Upper
139 100
109 79.1 60.3 100.3
65 117.8 100.8 140.8

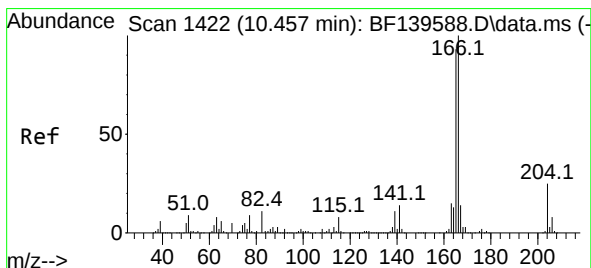
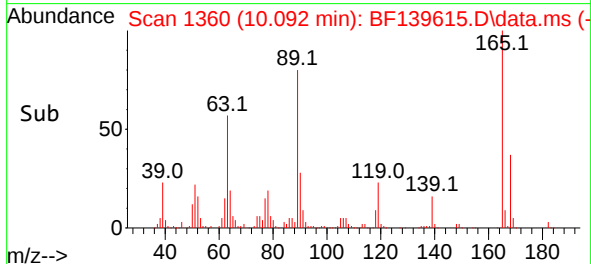
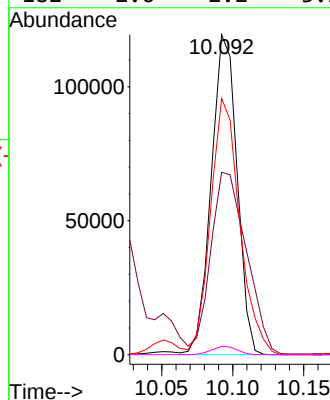
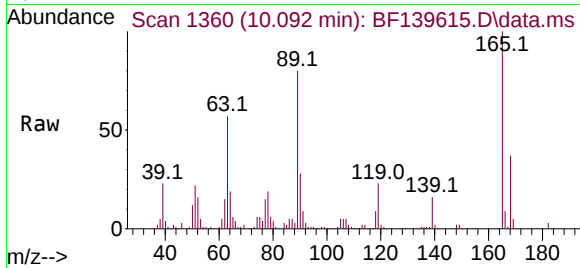




#57
2,4-Dinitrotoluene
Concen: 45.369 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

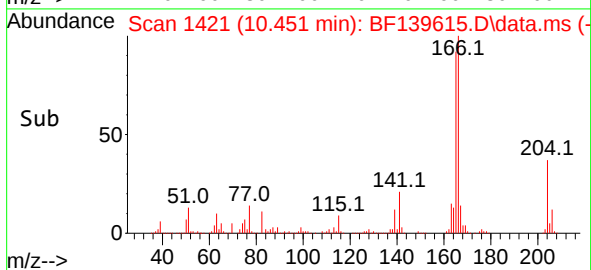
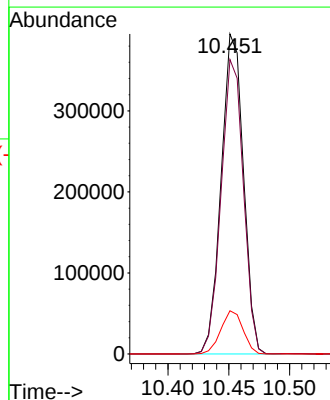
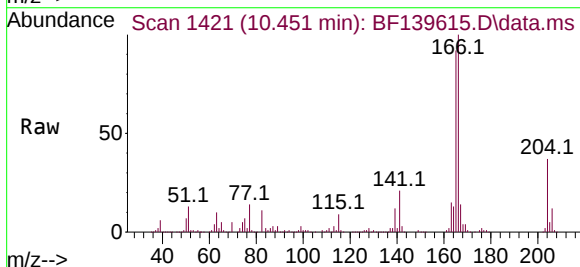
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt	Ion:165	Resp:	150729
Ion	Ratio	Lower	Upper
165	100		
63	57.0	46.9	70.3
89	80.1	64.4	96.6
182	2.6	2.2	3.2



#58
Fluorene
Concen: 45.026 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:166	Resp:	502403	
Ion	Ratio	Lower	Upper
166	100		
165	92.0	74.4	111.6
167	13.5	10.9	16.3

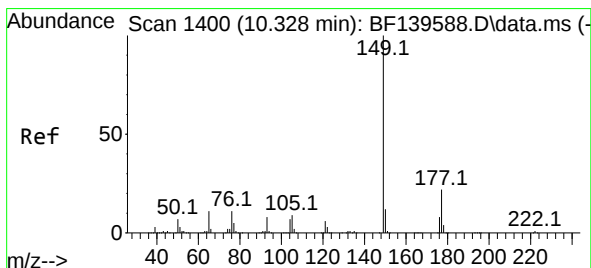
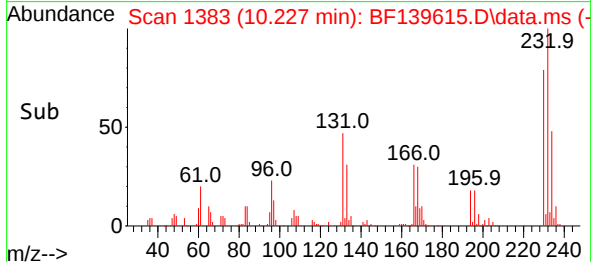
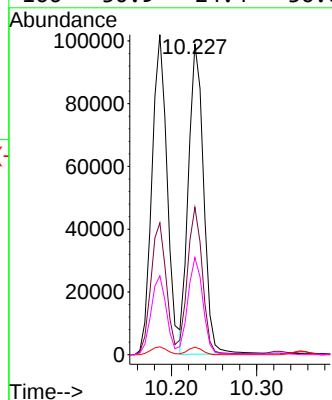
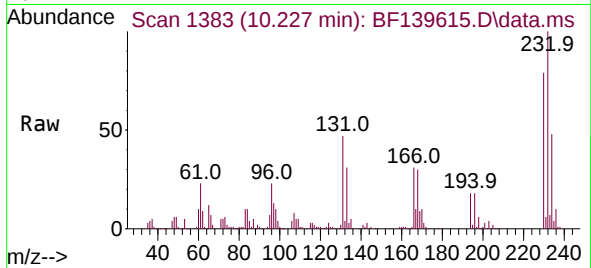




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.451 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

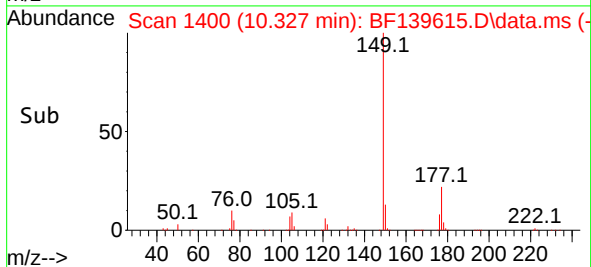
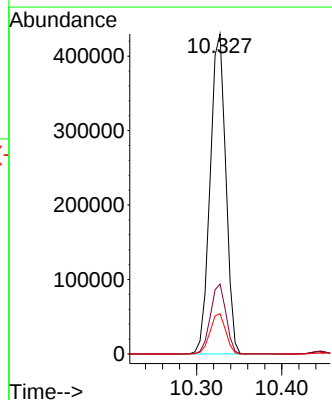
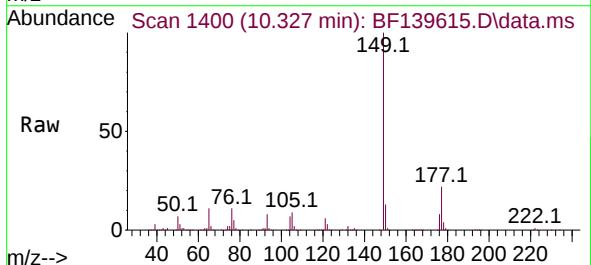
Instrument :
BNA_F
ClientSampleId :
TP-5MS

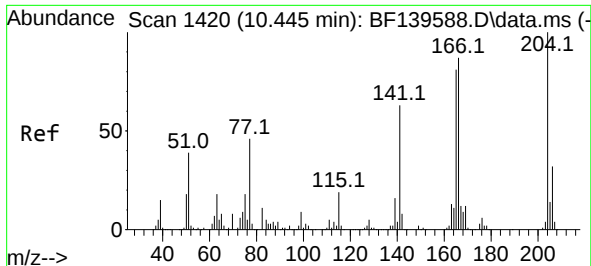
Tgt Ion:232 Resp: 121775
Ion Ratio Lower Upper
232 100
131 46.8 37.8 56.6
130 2.3 1.9 2.9
166 30.9 24.4 36.6



#60
Diethylphthalate
Concen: 47.129 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:149 Resp: 547720
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.6 10.0 15.0

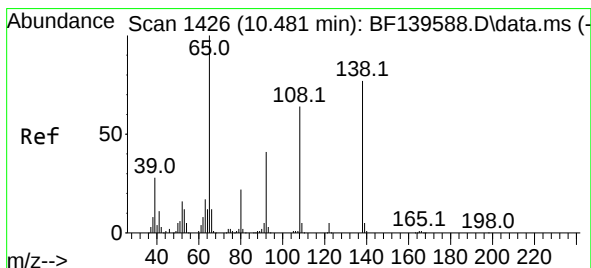
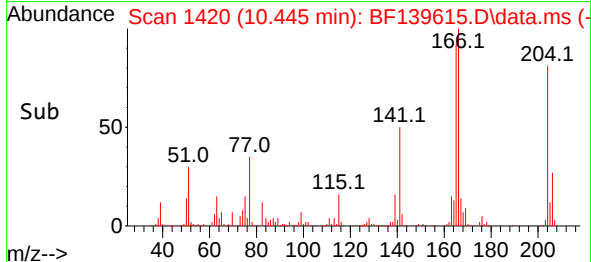
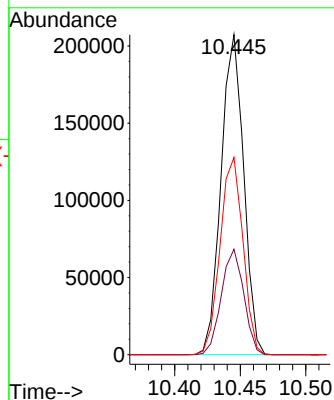
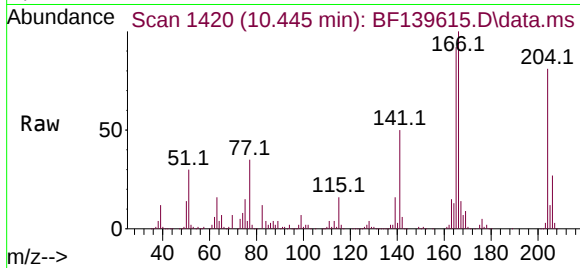




#61
4-Chlorophenyl-phenylether
Concen: 44.471 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

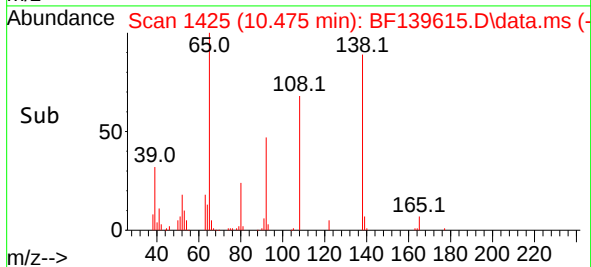
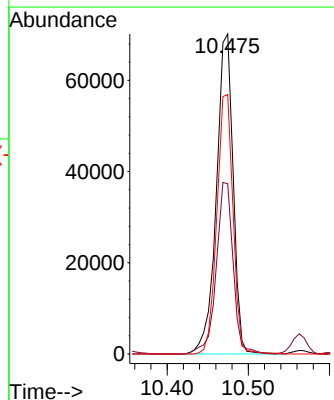
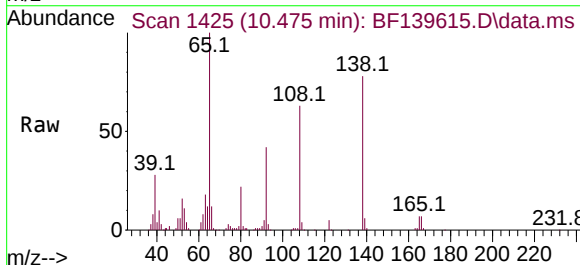
Instrument :
BNA_F
ClientSampleId :
TP-5MS

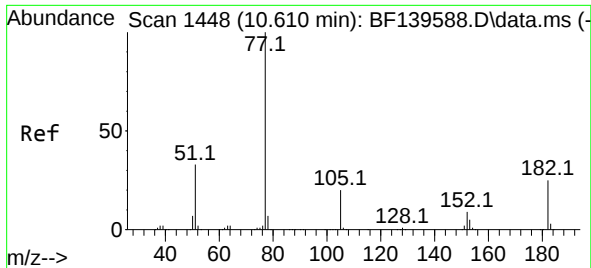
Tgt Ion:204 Resp: 248251
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 61.6 50.5 75.7



#62
4-Nitroaniline
Concen: 37.994 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:138 Resp: 100942
Ion Ratio Lower Upper
138 100
92 53.2 33.3 73.3
108 81.1 62.1 102.1

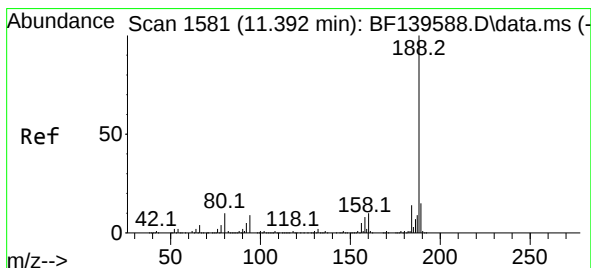
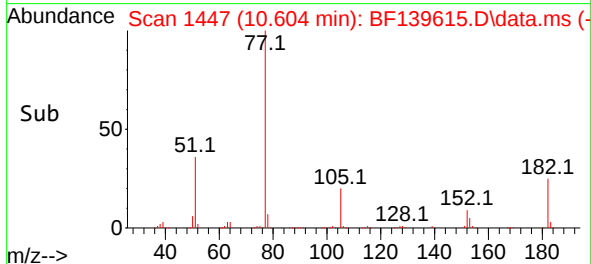
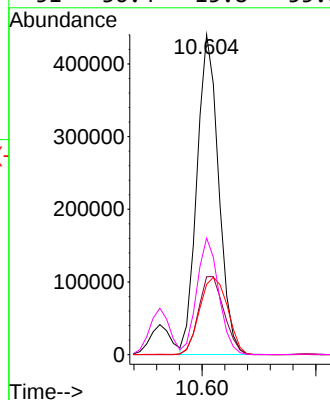
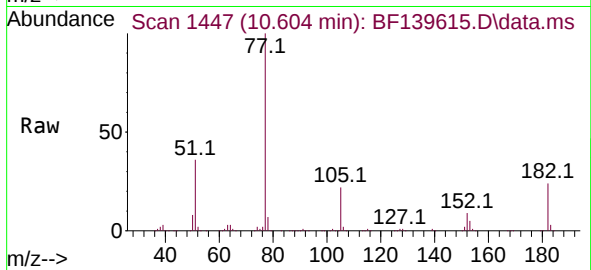




#63
Azobenzene
Concen: 49.857 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

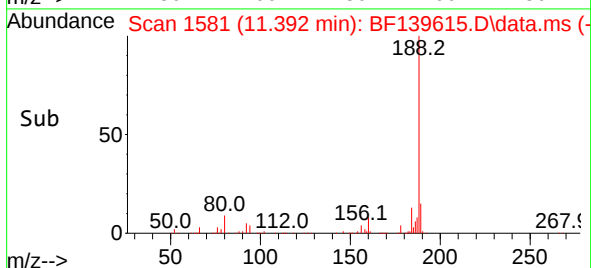
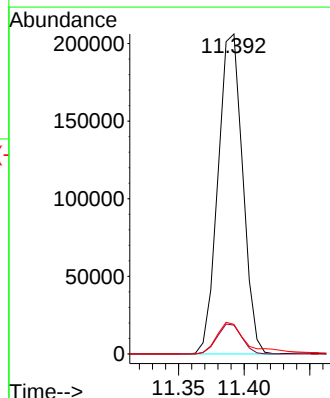
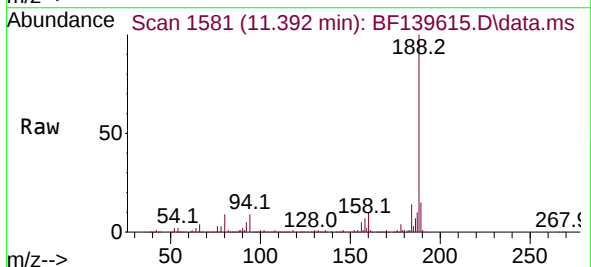
Instrument :
BNA_F
ClientSampleId :
TP-5MS

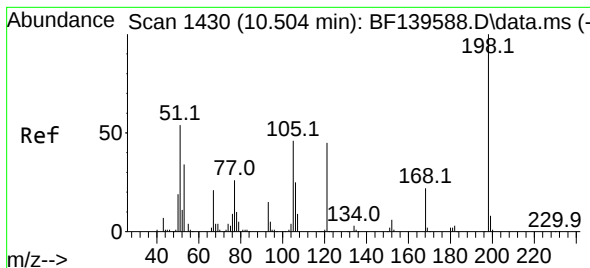
Tgt Ion: 77	Resp: 582697
Ion Ratio	Lower Upper
77 100	
182 24.3	4.2 44.2
105 21.9	0.0 39.6
51 36.4	15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:188	Resp: 269474
Ion Ratio	Lower Upper
188 100	
94 9.0	7.4 11.2
80 9.2	8.2 12.2

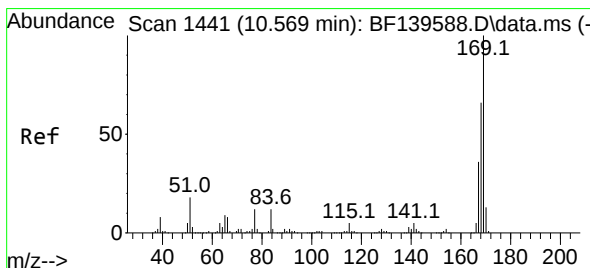
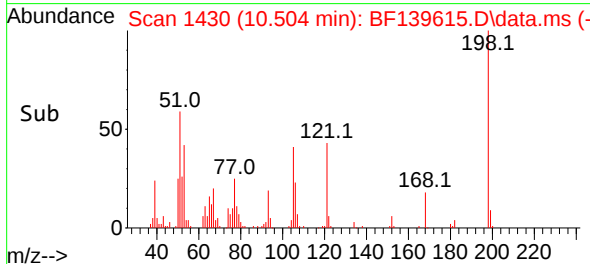
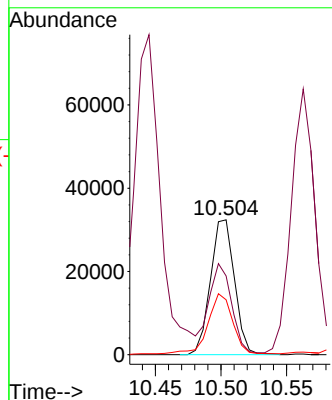
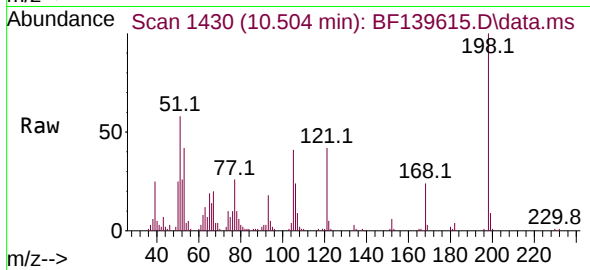




#65
4,6-Dinitro-2-methylphenol
Concen: 27.183 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

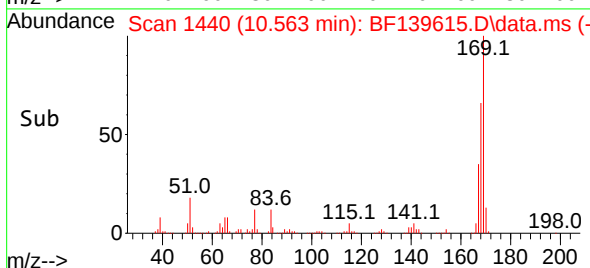
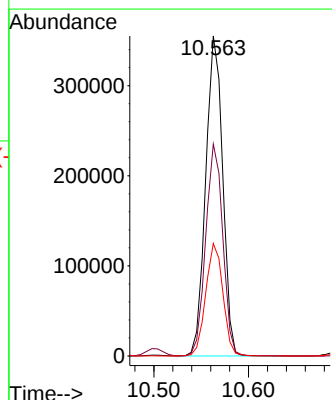
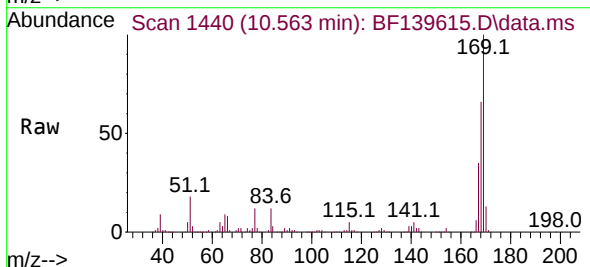
Instrument :
BNA_F
ClientSampleId :
TP-5MS

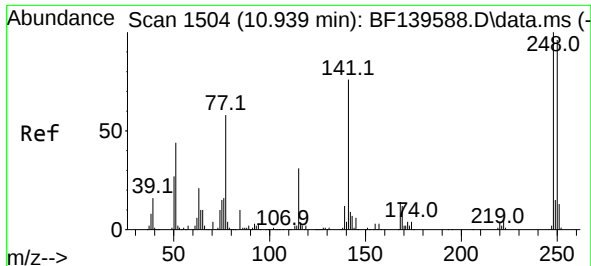
Tgt Ion:198 Resp: 41371
Ion Ratio Lower Upper
198 100
51 58.4 43.0 83.0
105 40.7 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 55.613 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:169 Resp: 441740
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 35.2 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 50.435 ng

RT: 10.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

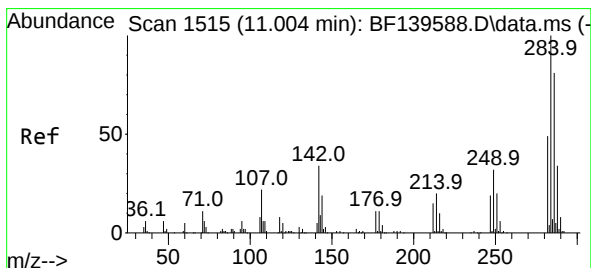
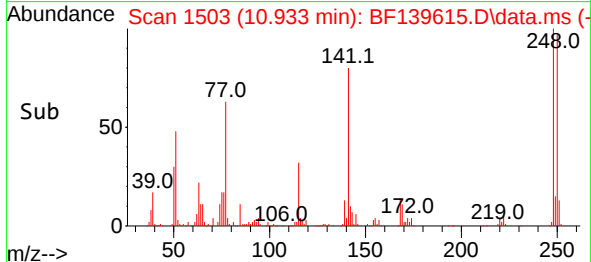
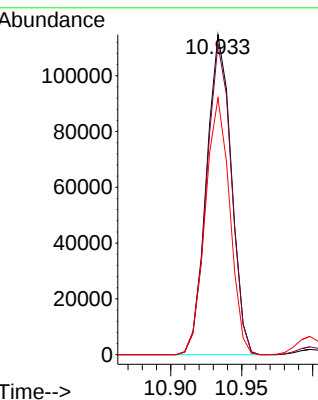
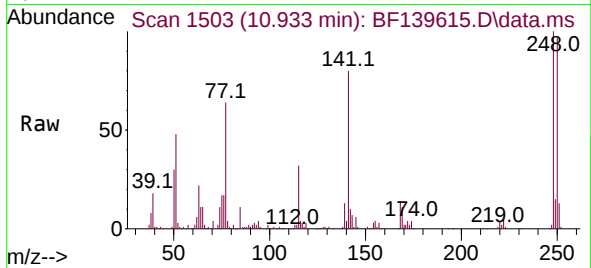
Tgt Ion:248 Resp: 139348

Ion Ratio Lower Upper

248 100

250 97.1 77.1 115.7

141 80.2 60.4 90.6



#68

Hexachlorobenzene

Concen: 47.259 ng

RT: 10.998 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

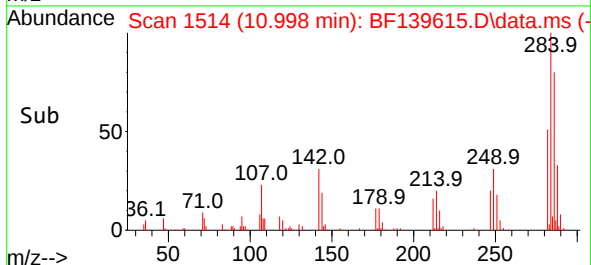
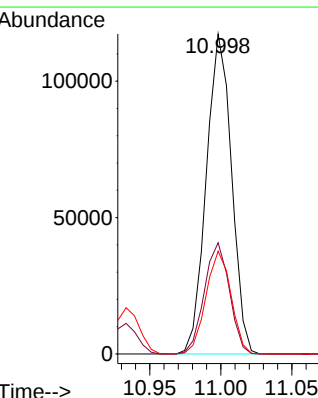
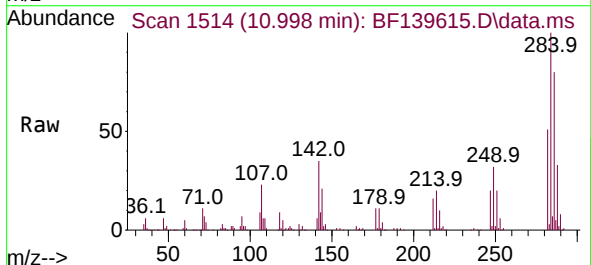
Tgt Ion:284 Resp: 144890

Ion Ratio Lower Upper

284 100

142 34.7 26.9 40.3

249 32.1 25.4 38.0





#69

Atrazine

Concen: 62.934 ng

RT: 11.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

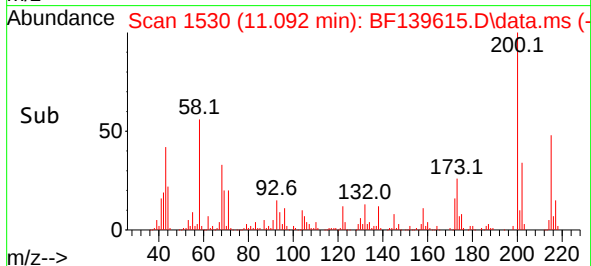
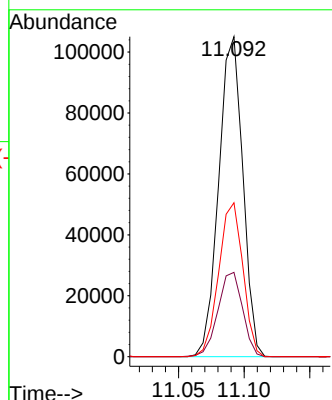
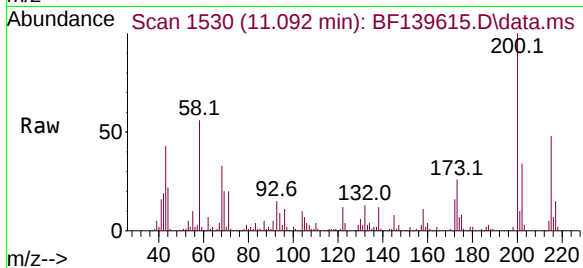
Tgt Ion:200 Resp: 134122

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

215 48.1 27.5 67.5



#70

Pentachlorophenol

Concen: 84.010 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

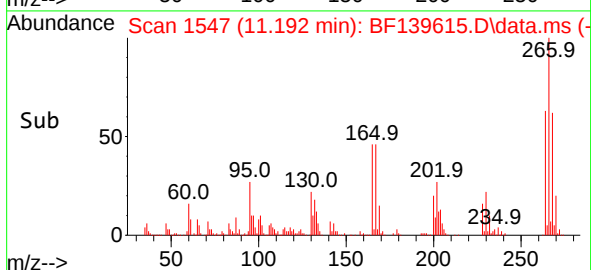
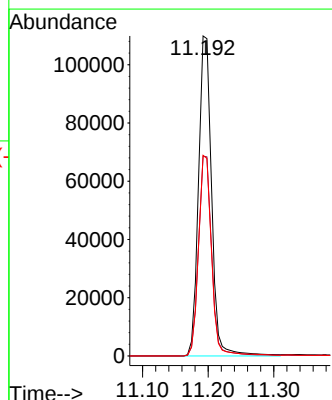
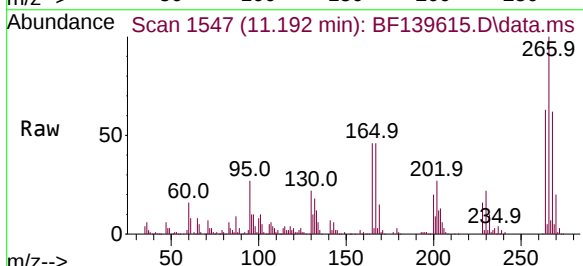
Tgt Ion:266 Resp: 153367

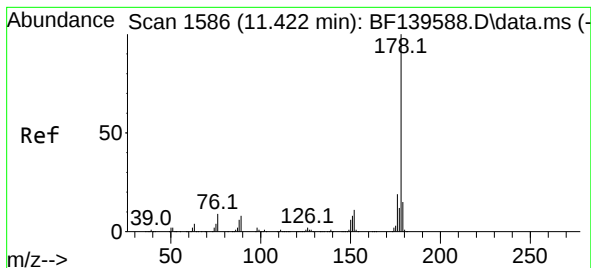
Ion Ratio Lower Upper

266 100

268 62.4 50.0 75.0

264 62.7 49.3 73.9





#71

Phenanthrene

Concen: 49.137 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

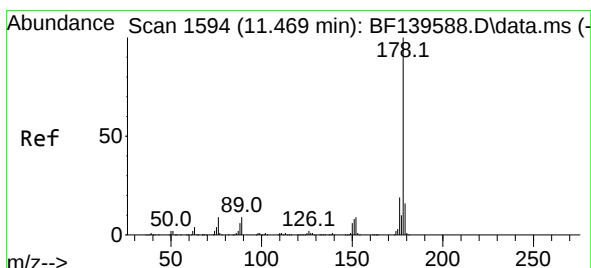
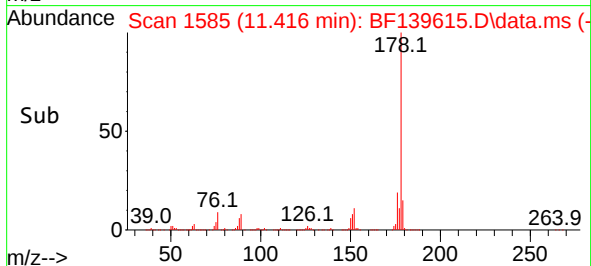
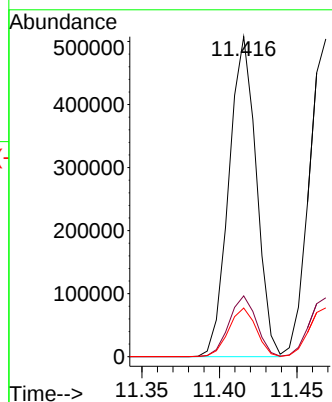
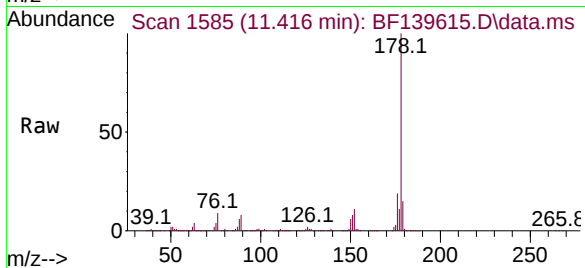
Tgt Ion:178 Resp: 624336

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.2 12.3 18.5



#72

Anthracene

Concen: 50.267 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

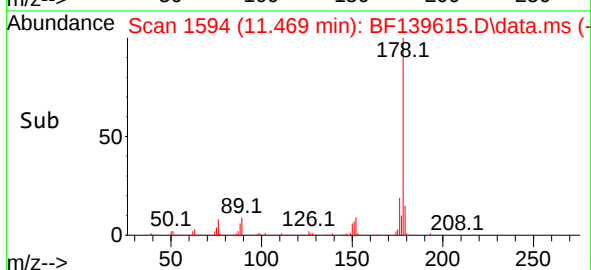
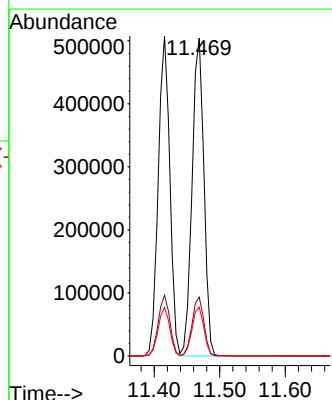
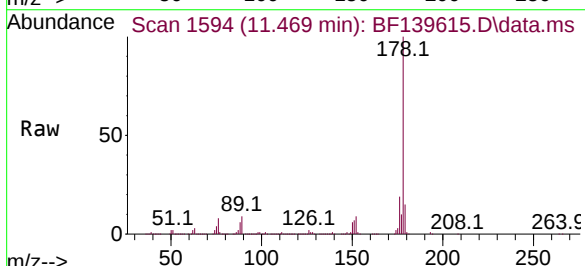
Tgt Ion:178 Resp: 631853

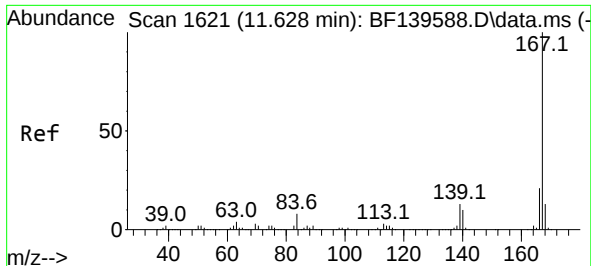
Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

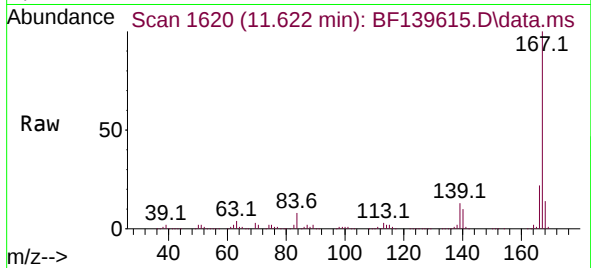
179 15.3 12.5 18.7



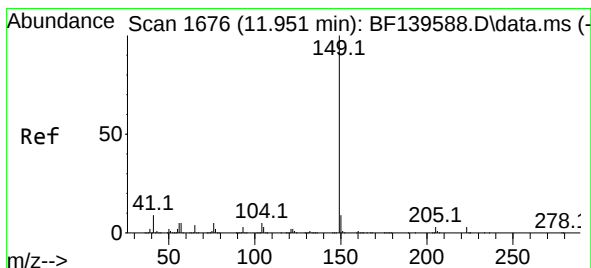
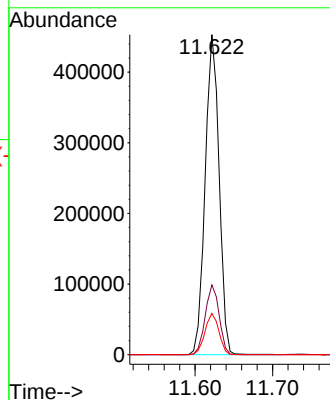
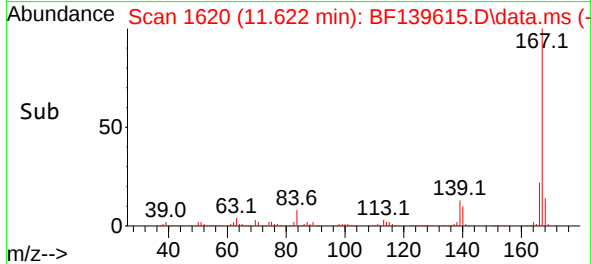


#73
Carbazole
Concen: 46.778 ng
RT: 11.622 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

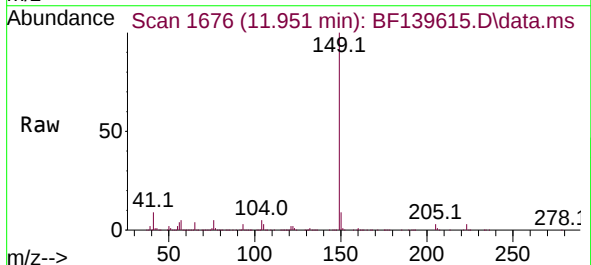
Instrument :
BNA_F
ClientSampleId :
TP-5MS



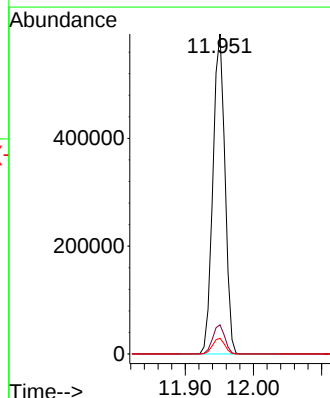
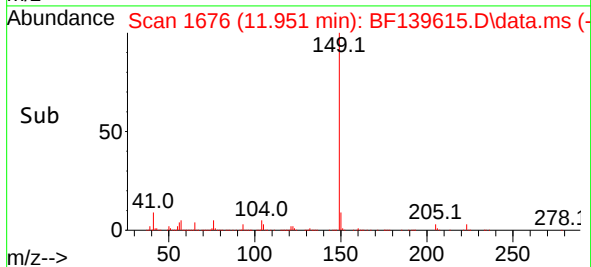
Tgt Ion:167 Resp: 564747
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 12.9 10.3 15.5

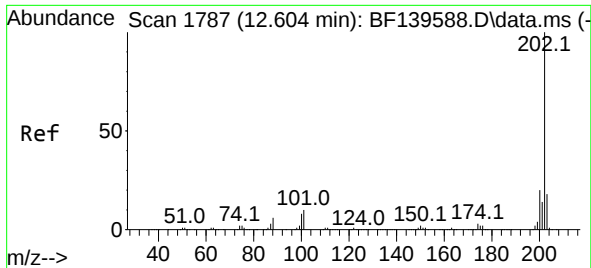


#74
Di-n-butylphthalate
Concen: 49.778 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14



Tgt Ion:149 Resp: 730796
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.9 4.1 6.1

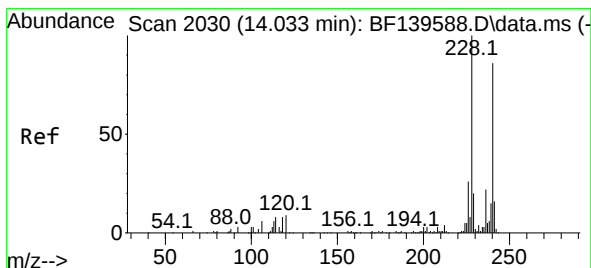
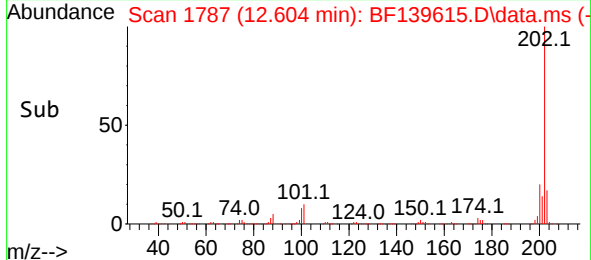
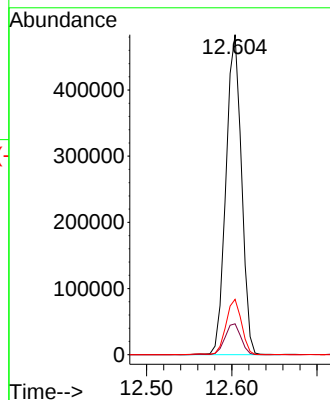
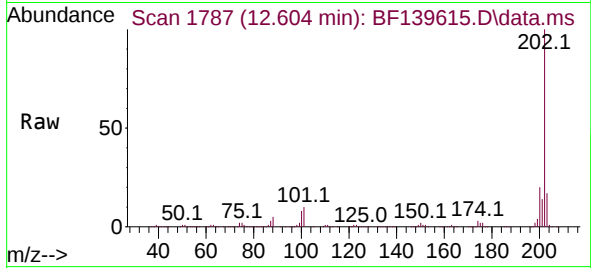




#75
Fluoranthene
Concen: 44.080 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

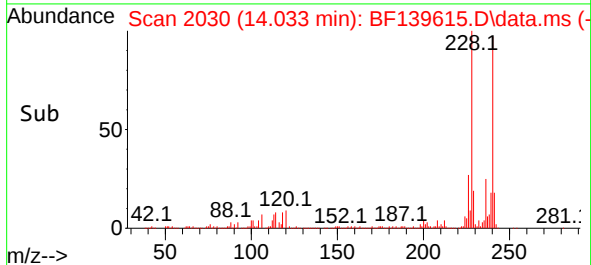
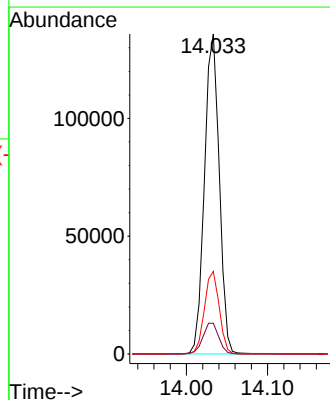
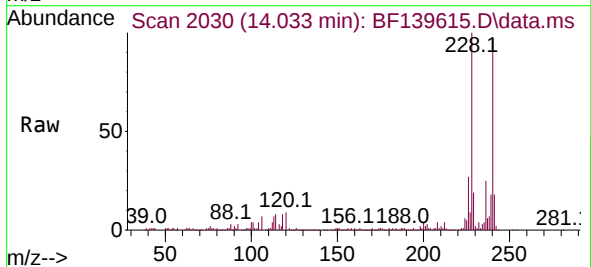
Instrument :
BNA_F
ClientSampleId :
TP-5MS

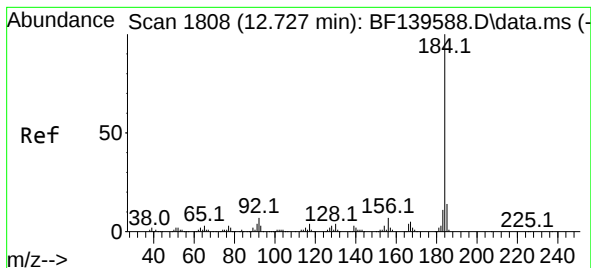
Tgt Ion:202 Resp: 612245
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:240 Resp: 171902
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.8 20.3 30.5





#77

Benzidine

Concen: 82.989 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

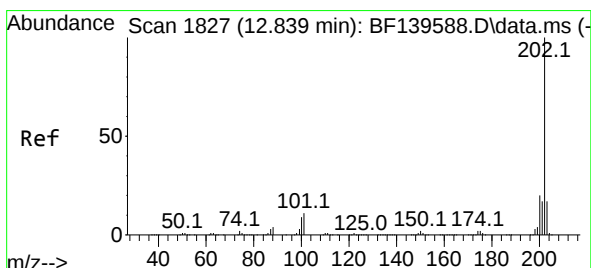
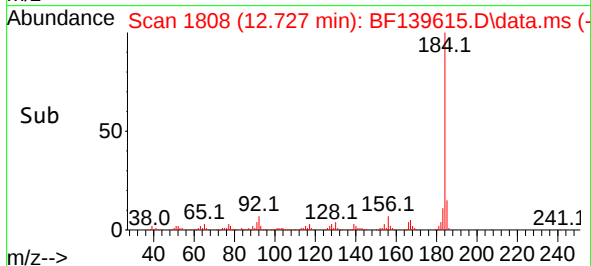
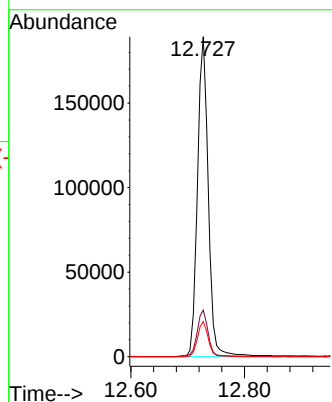
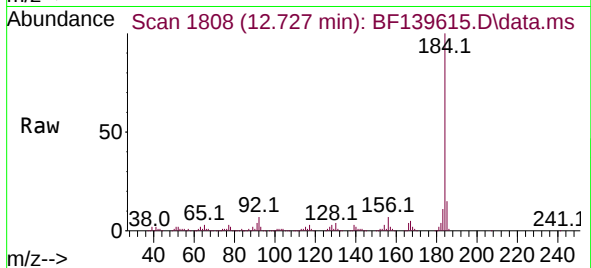
Tgt Ion:184 Resp: 251635

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.0

183 11.0 8.8 13.2



#78

Pyrene

Concen: 40.507 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

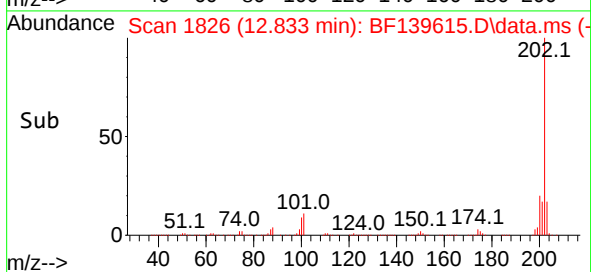
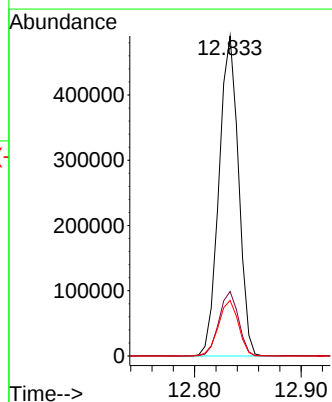
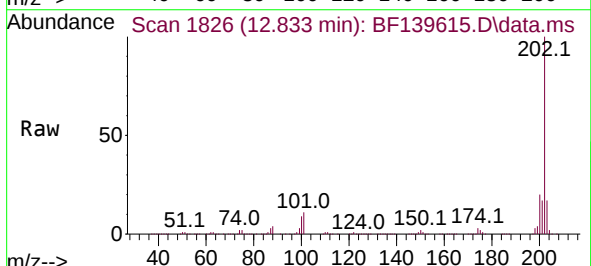
Tgt Ion:202 Resp: 622793

Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.6

203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 57.644 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

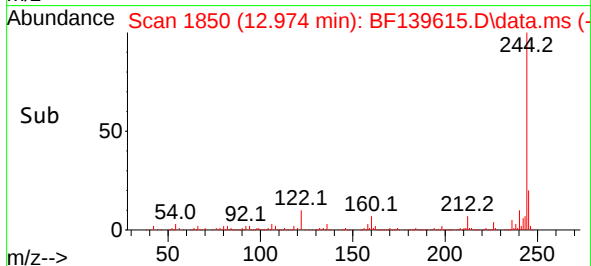
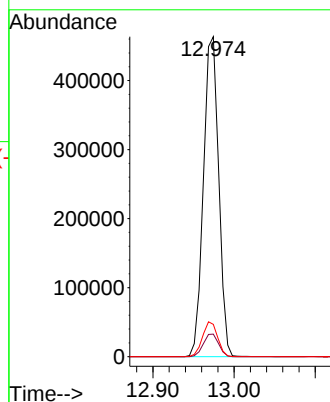
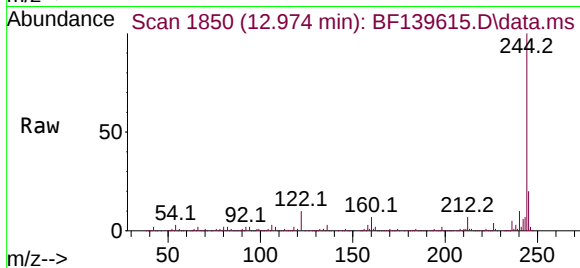
Tgt Ion:244 Resp: 603905

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.1 8.6 12.8



#80

Butylbenzylphthalate

Concen: 46.870 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

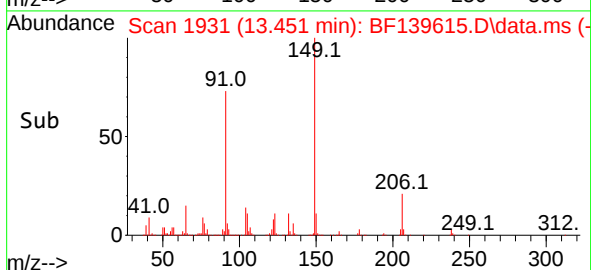
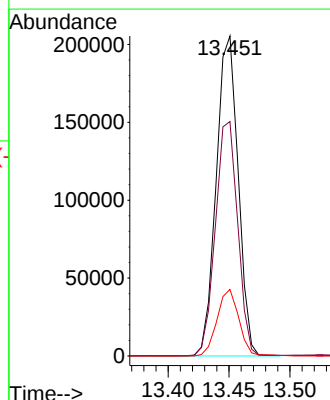
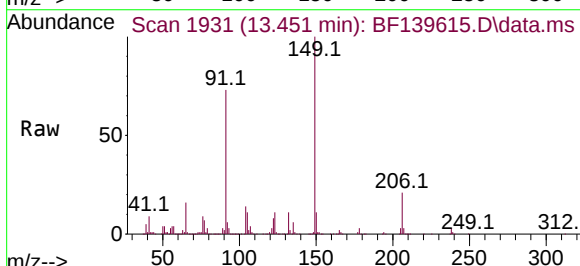
Tgt Ion:149 Resp: 257759

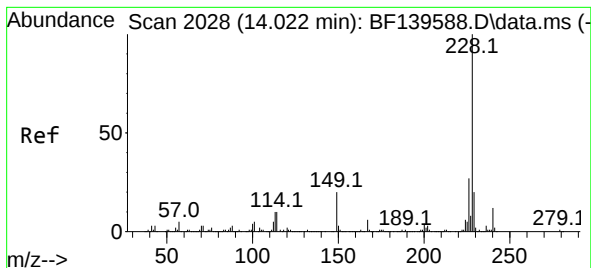
Ion Ratio Lower Upper

149 100

91 73.3 61.0 91.4

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 49.340 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

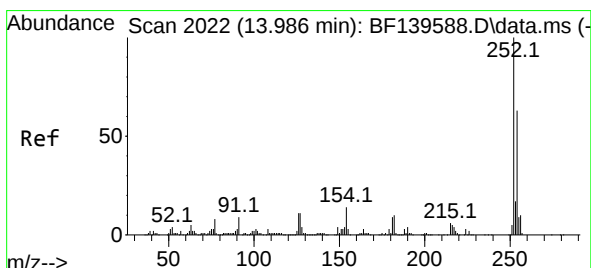
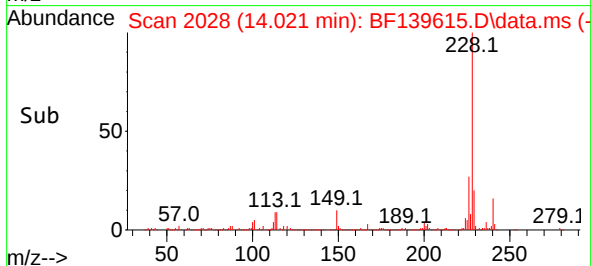
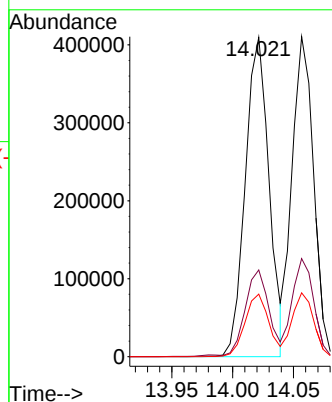
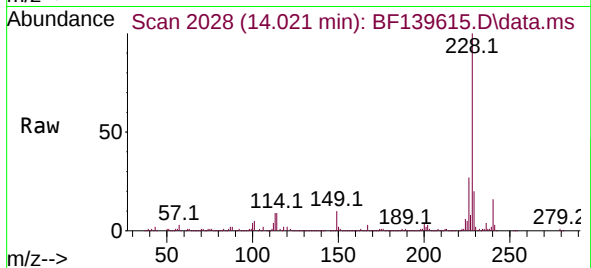
Tgt Ion:228 Resp: 557631

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.207 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

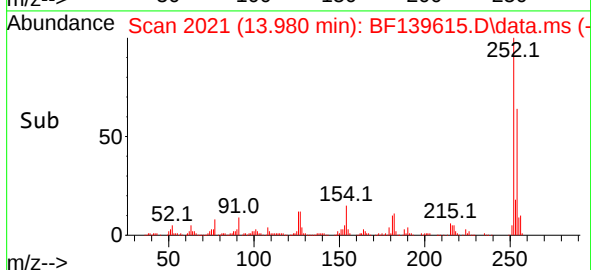
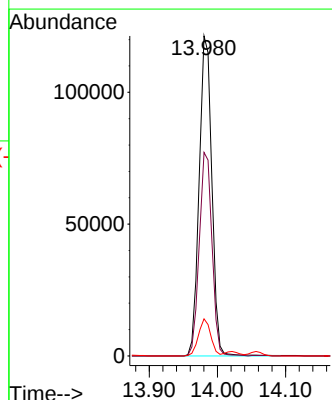
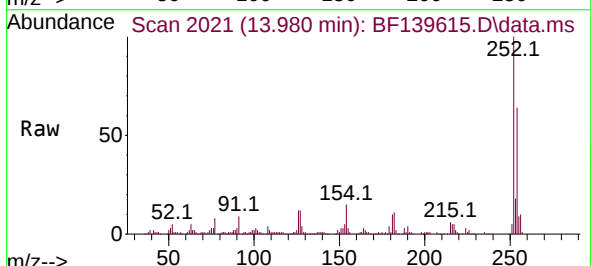
Tgt Ion:252 Resp: 156365

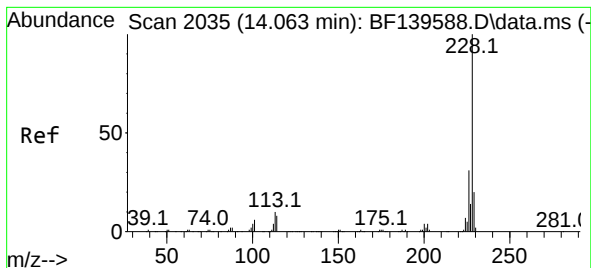
Ion Ratio Lower Upper

252 100

254 63.6 50.5 75.7

126 11.6 8.8 13.2





#83

Chrysene

Concen: 48.651 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

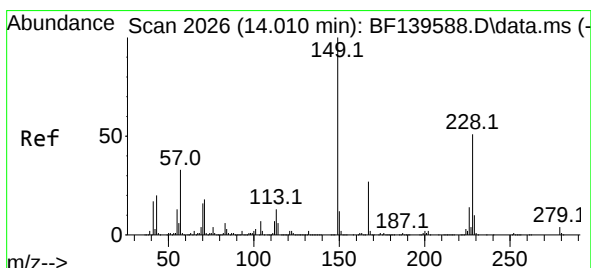
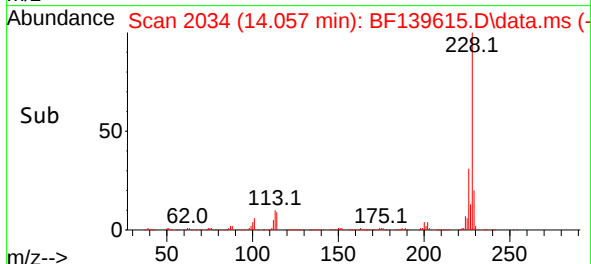
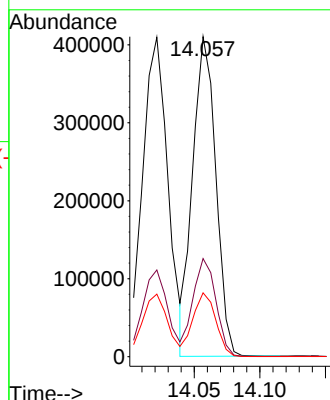
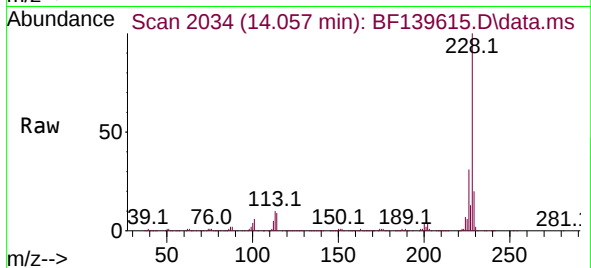
Tgt Ion:228 Resp: 502702

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.649 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

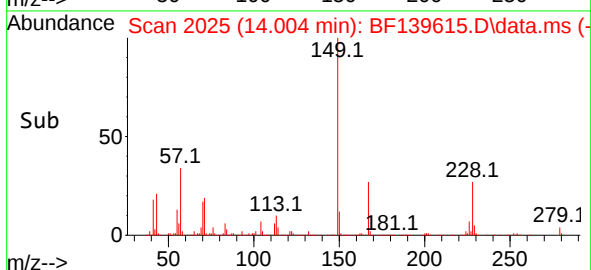
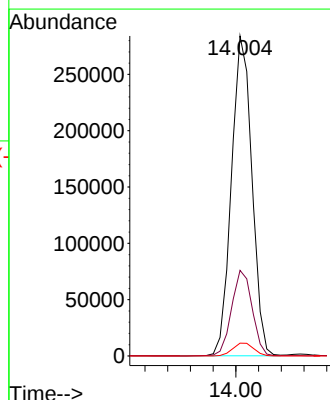
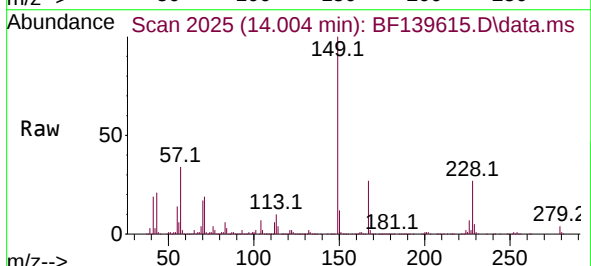
Tgt Ion:149 Resp: 354681

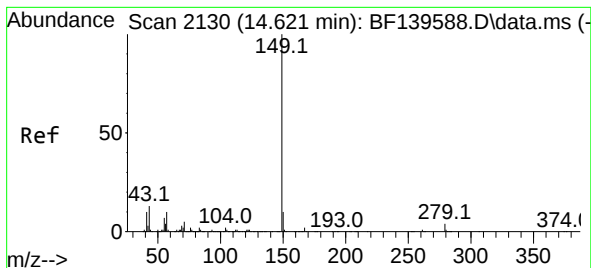
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 58.942 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

Instrument :

BNA_F

ClientSampleId :

TP-5MS

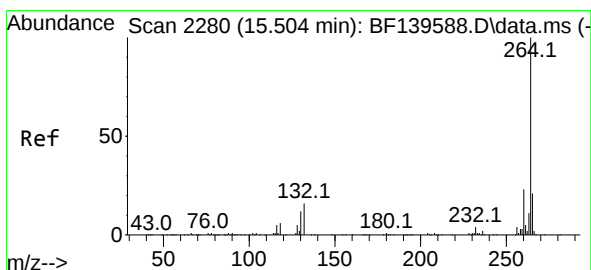
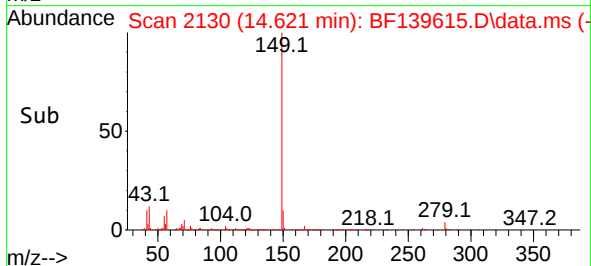
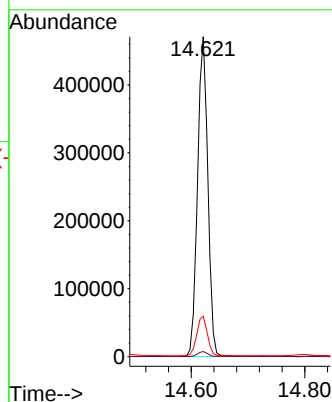
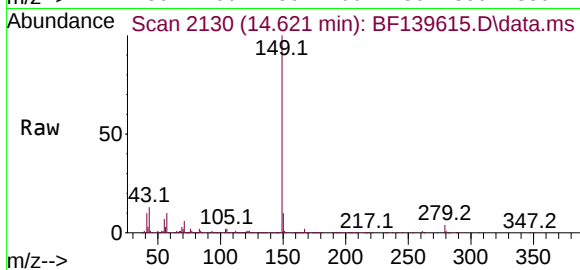
Tgt Ion:149 Resp: 594640

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.8 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139615.D

Acq: 02 Oct 2024 19:14

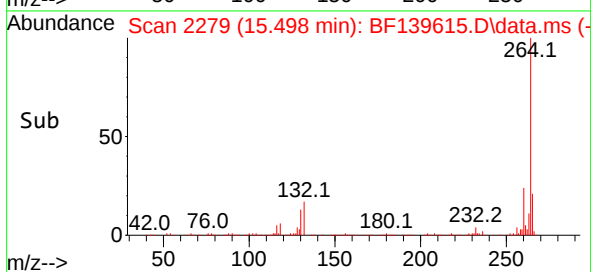
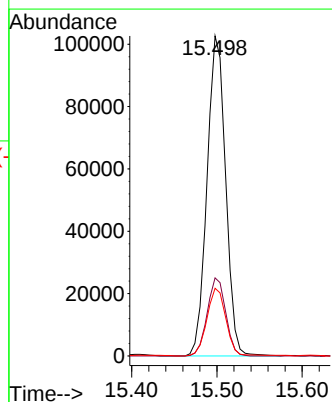
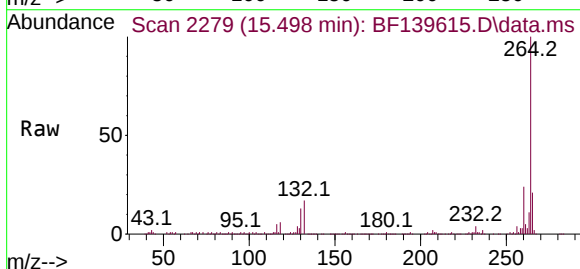
Tgt Ion:264 Resp: 155896

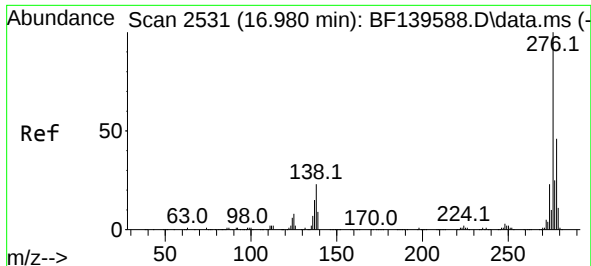
Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.2 16.9 25.3

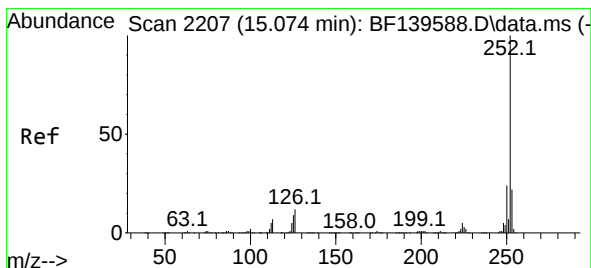
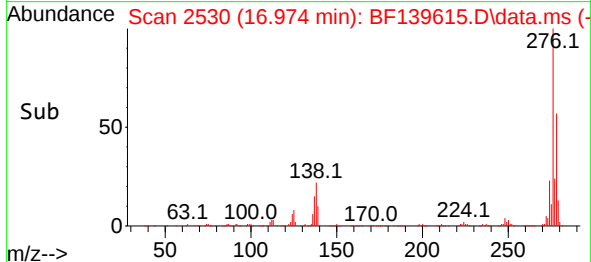
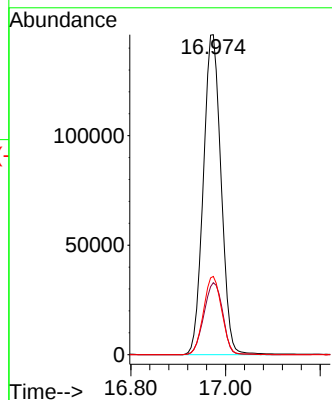
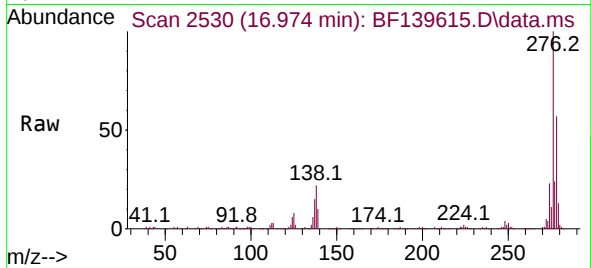




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.384 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

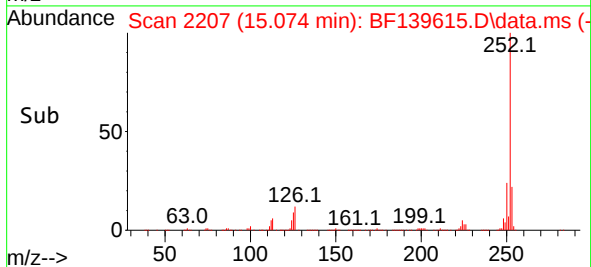
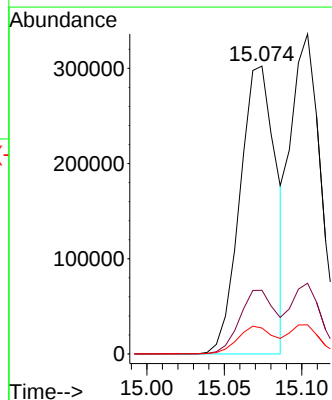
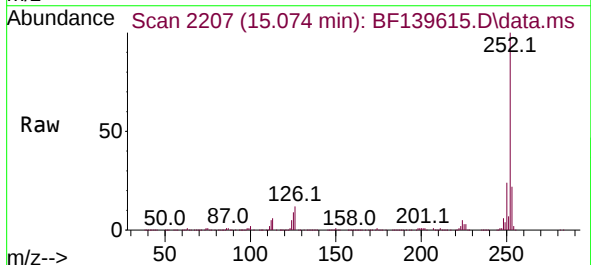
Instrument :
BNA_F
ClientSampleId :
TP-5MS

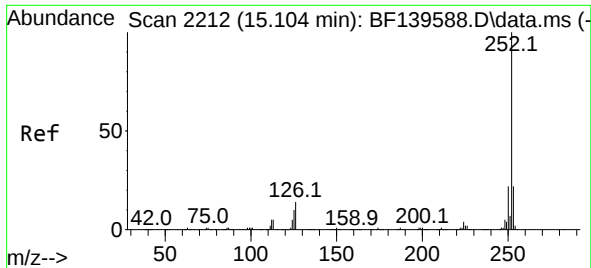
Tgt Ion:276 Resp: 379727
Ion Ratio Lower Upper
276 100
138 23.9 19.4 29.0
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 48.341 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:252 Resp: 487277
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.0 7.4 11.0

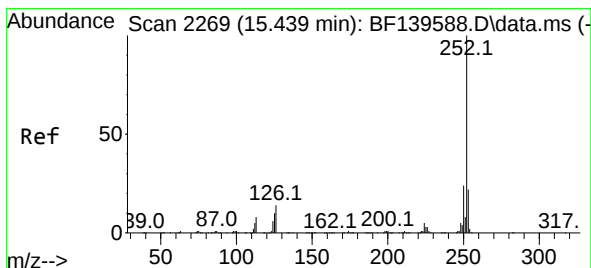
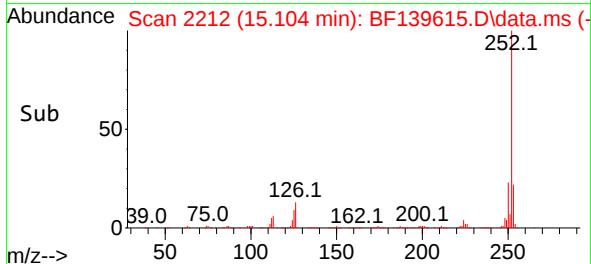
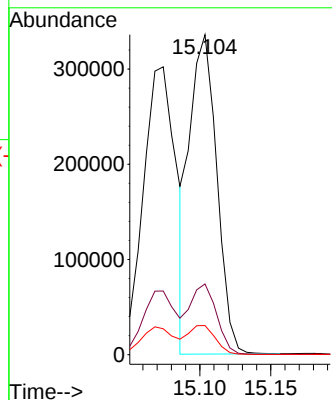
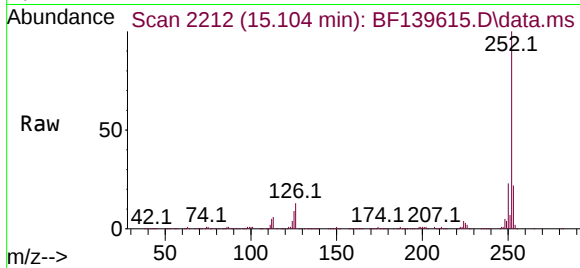




#89
Benzo(k)fluoranthene
Concen: 52.238 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

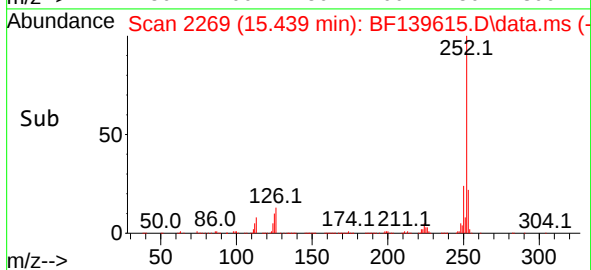
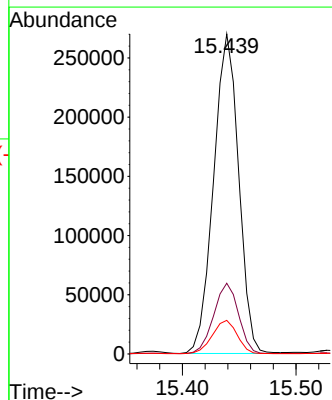
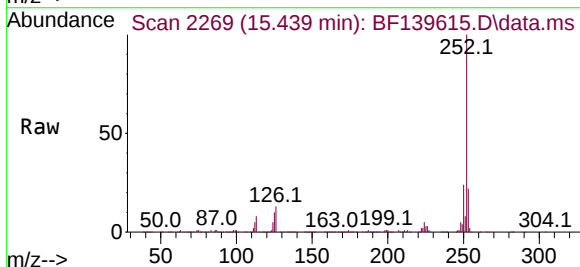
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:252 Resp: 446660
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 52.089 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:252 Resp: 414002
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.5 8.3 12.5

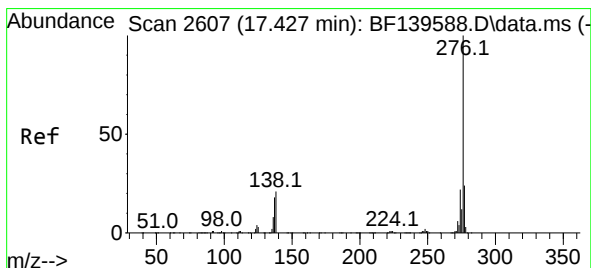
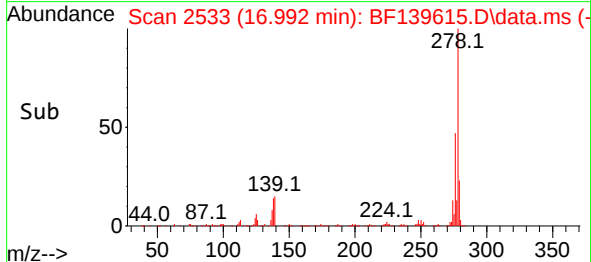
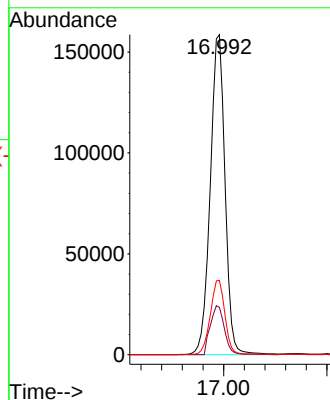
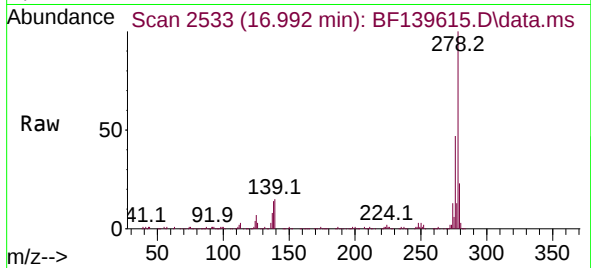




#91
Dibenzo(a,h)anthracene
Concen: 41.477 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:278 Resp: 315659
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.2 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 35.605 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF139615.D
Acq: 02 Oct 2024 19:14

Tgt Ion:276 Resp: 271755
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.4 17.0 25.6

