

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139739.D
 Acq On : 10 Oct 2024 11:32
 Operator : RC/JU
 Sample : PB164011BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164011BS

Quant Time: Oct 10 12:07:08 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	105745	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	410277	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	246554	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	472713	20.000	ng	0.00
76) Chrysene-d12	14.039	240	254740	20.000	ng	0.00
86) Perylene-d12	15.510	264	208551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	822072	134.744	ng	0.02
7) Phenol-d6	6.510	99	1094270	133.374	ng	0.00
23) Nitrobenzene-d5	7.434	82	723002	89.222	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	313677	131.793	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1363605	84.906	ng	0.00
79) Terphenyl-d14	12.980	244	1563577	100.713	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	105459	39.981	ng	97
3) Pyridine	3.493	79	277513	43.260	ng	97
4) n-Nitrosodimethylamine	3.452	42	184905	44.035	ng	96
6) Aniline	6.534	93	345111	47.402	ng	# 72
8) 2-Chlorophenol	6.657	128	316809	48.468	ng	98
9) Benzaldehyde	6.422	77	94389	21.718	ng	98
10) Phenol	6.528	94	413093	47.883	ng	77
11) bis(2-Chloroethyl)ether	6.604	93	315768	44.954	ng	99
12) 1,3-Dichlorobenzene	6.810	146	325134	44.216	ng	99
13) 1,4-Dichlorobenzene	6.887	146	330197	44.337	ng	99
14) 1,2-Dichlorobenzene	7.040	146	313356	44.894	ng	99
15) Benzyl Alcohol	7.016	79	305223	48.689	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	562922	46.292	ng	73
17) 2-Methylphenol	7.128	107	257783	47.240	ng	98
18) Hexachloroethane	7.381	117	122712	44.175	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	241980	45.875	ng	98
20) 3+4-Methylphenols	7.281	107	324477	47.341	ng	94
22) Acetophenone	7.281	105	438070	44.982	ng	97
24) Nitrobenzene	7.457	77	362491	43.200	ng	99
25) Isophorone	7.693	82	673391	46.787	ng	99
26) 2-Nitrophenol	7.769	139	174603	48.403	ng	99
27) 2,4-Dimethylphenol	7.810	122	265507	60.123	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	394904	45.949	ng	99
29) 2,4-Dichlorophenol	8.016	162	274556	47.666	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	279986	42.982	ng	100
31) Naphthalene	8.175	128	931709	44.416	ng	99
32) Benzoic acid	7.951	122	205528	46.805	ng	99
33) 4-Chloroaniline	8.222	127	156268	22.008	ng	98
34) Hexachlorobutadiene	8.287	225	180253	42.760	ng	99
35) Caprolactam	8.604	113	58525	30.978	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	308389	47.296	ng	98
37) 2-Methylnaphthalene	8.863	142	632000	46.259	ng	99
38) 1-Methylnaphthalene	8.963	142	583951	43.727	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	293335	42.845	ng	99
41) Hexachlorocyclopentadiene	9.016	237	316449	150.740	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	205767	44.583	ng	98

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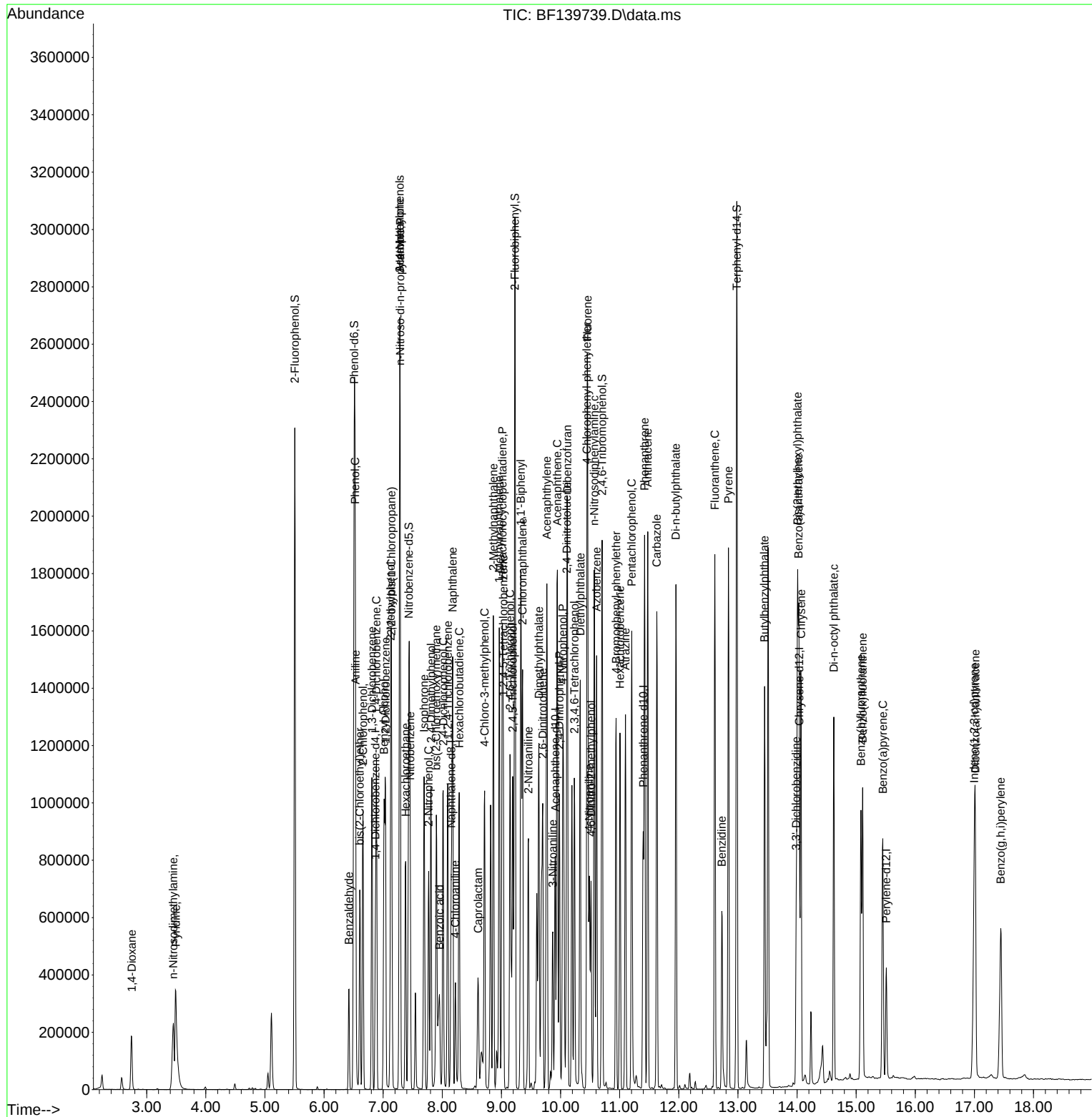
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	217024	43.603	ng	99
46) 1,1'-Biphenyl	9.328	154	793086	43.249	ng	100
47) 2-Chloronaphthalene	9.357	162	585706	42.605	ng	99
48) 2-Nitroaniline	9.457	65	222707	45.129	ng	96
49) Acenaphthylene	9.769	152	973535	46.566	ng	100
50) Dimethylphthalate	9.634	163	748012	46.346	ng	100
51) 2,6-Dinitrotoluene	9.698	165	160987	44.156	ng	93
52) Acenaphthene	9.945	154	587042	40.902	ng	99
53) 3-Nitroaniline	9.869	138	112573	30.215	ng	98
54) 2,4-Dinitrophenol	9.981	184	194544	99.207	ng	96
55) Dibenzofuran	10.116	168	883394	43.960	ng	100
56) 4-Nitrophenol	10.039	139	253990	89.394	ng	95
57) 2,4-Dinitrotoluene	10.104	165	216262	45.380	ng	96
58) Fluorene	10.457	166	703924	43.980	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	187322	46.597	ng	98
60) Diethylphthalate	10.334	149	762903	45.764	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	350772	43.806	ng	99
62) 4-Nitroaniline	10.486	138	177325	46.530	ng	97
63) Azobenzene	10.610	77	752821	44.905	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	125632	47.057	ng	96
66) n-Nitrosodiphenylamine	10.569	169	636814	45.703	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	211443	43.626	ng	99
68) Hexachlorobenzene	11.004	284	234115	43.530	ng	99
69) Atrazine	11.098	200	216871	58.010	ng	99
70) Pentachlorophenol	11.204	266	266849	83.327	ng	100
71) Phenanthrene	11.422	178	1015445	45.559	ng	100
72) Anthracene	11.475	178	1046680	47.468	ng	100
73) Carbazole	11.628	167	955675	45.125	ng	100
74) Di-n-butylphthalate	11.951	149	1223550	47.510	ng	100
75) Fluoranthene	12.610	202	1096212	44.991	ng	99
77) Benzidine	12.727	184	366415	81.547	ng	100
78) Pyrene	12.839	202	1115458	48.959	ng	99
80) Butylbenzylphthalate	13.451	149	433807	53.231	ng	99
81) Benzo(a)anthracene	14.027	228	793032	47.350	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	176700	34.473	ng	99
83) Chrysene	14.069	228	732875	47.862	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	569599	55.973	ng	99
85) Di-n-octyl phthalate	14.621	149	790251	52.859	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	643244	52.403	ng	99
88) Benzo(b)fluoranthene	15.080	252	570507	42.308	ng	99
89) Benzo(k)fluoranthene	15.110	252	569315	49.772	ng	100
90) Benzo(a)pyrene	15.451	252	532772	50.108	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	528652	51.926	ng	99
92) Benzo(g,h,i)perylene	17.445	276	496260	48.603	ng	100

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

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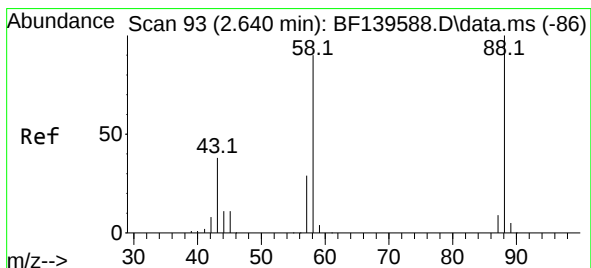
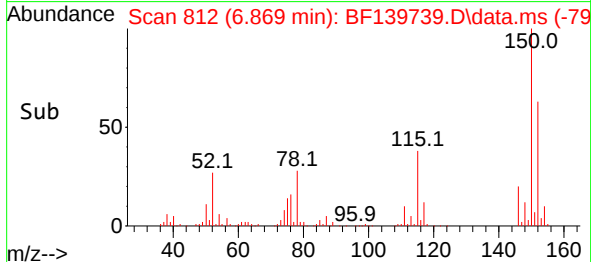
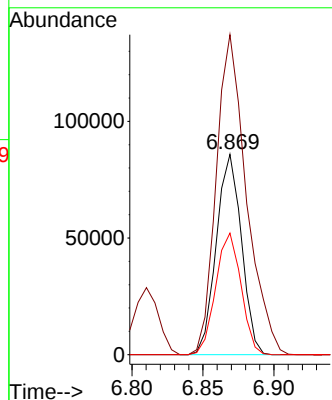
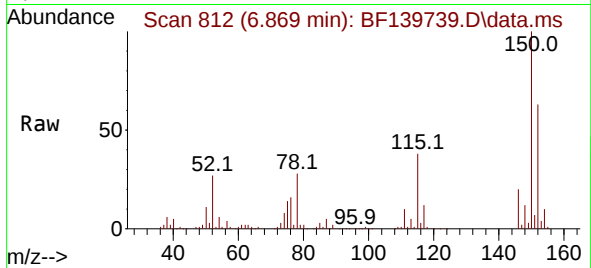




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139739.D
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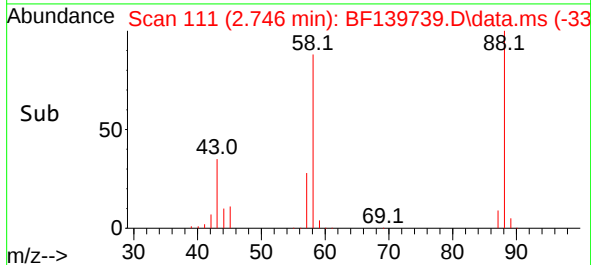
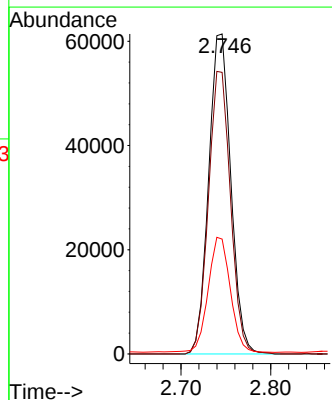
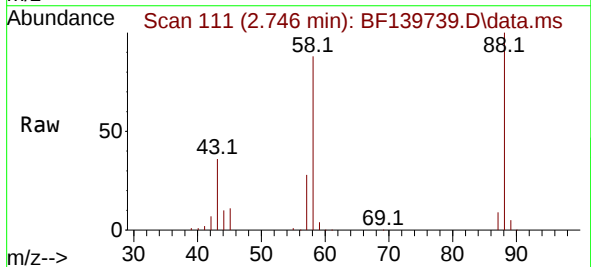
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:152 Resp: 105745
Ion Ratio Lower Upper
152 100
150 159.7 127.2 190.8
115 60.7 49.0 73.4



#2
1,4-Dioxane
Concen: 39.981 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.106 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion: 88 Resp: 105459
Ion Ratio Lower Upper
88 100
58 87.9 72.0 108.0
43 36.0 30.8 46.2





#3

Pyridine

Concen: 43.260 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.100 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

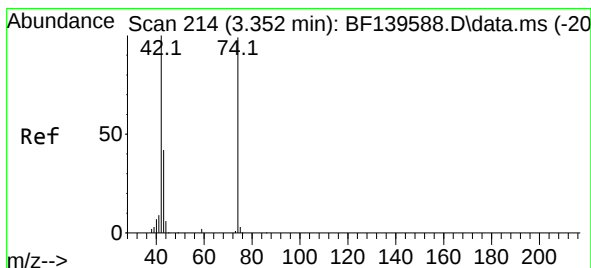
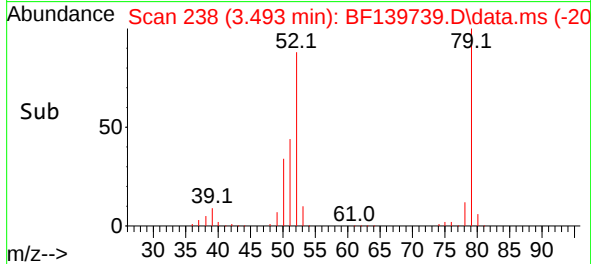
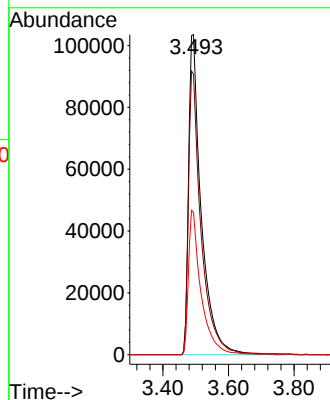
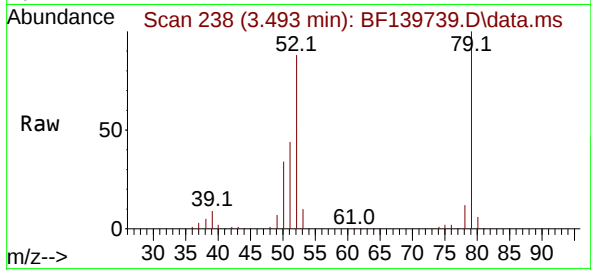
Tgt Ion: 79 Resp: 277513

Ion Ratio Lower Upper

79 100

52 87.7 72.6 109.0

51 44.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 44.035 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139739.D

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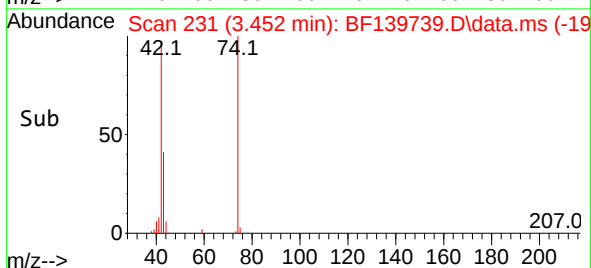
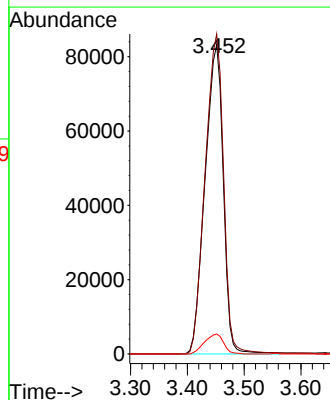
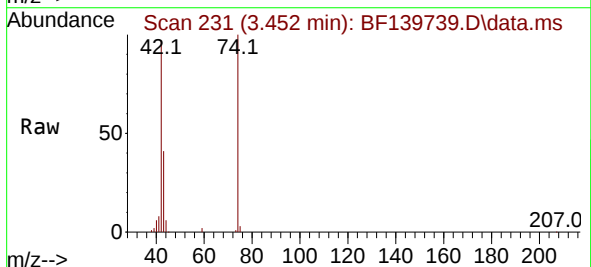
Tgt Ion: 42 Resp: 184905

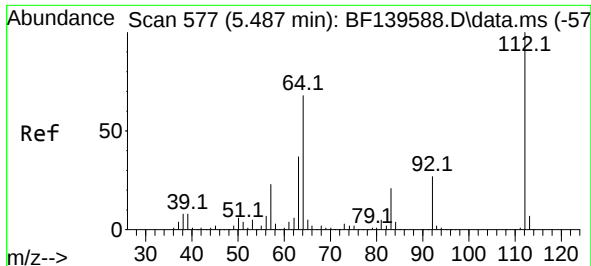
Ion Ratio Lower Upper

42 100

74 103.4 79.0 118.6

44 6.5 5.2 7.8

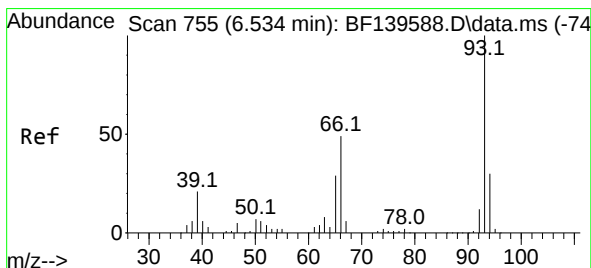
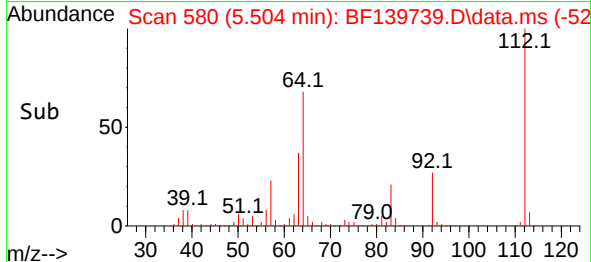
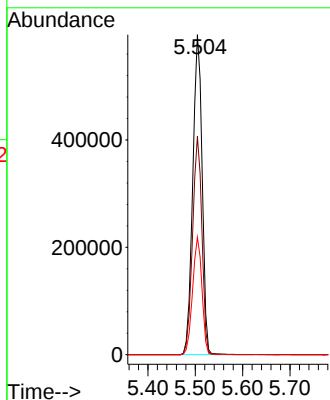
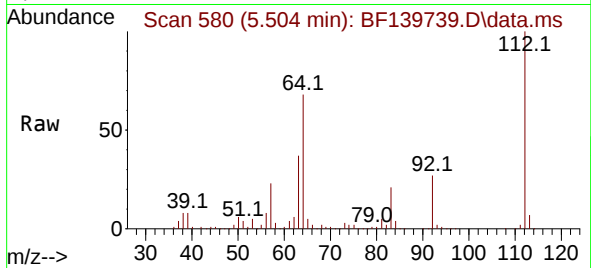




#5
2-Fluorophenol
Concen: 134.744 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

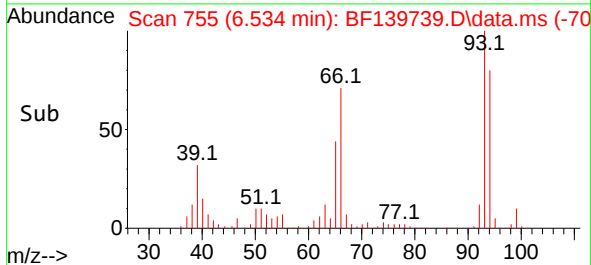
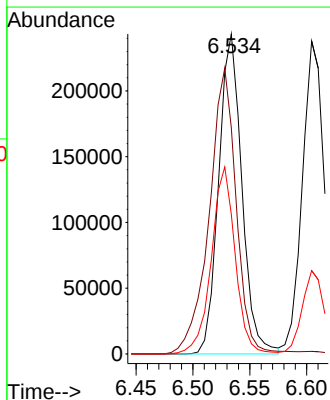
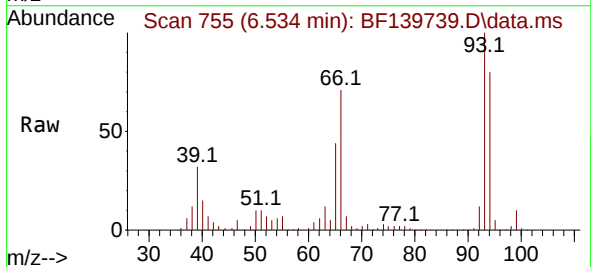
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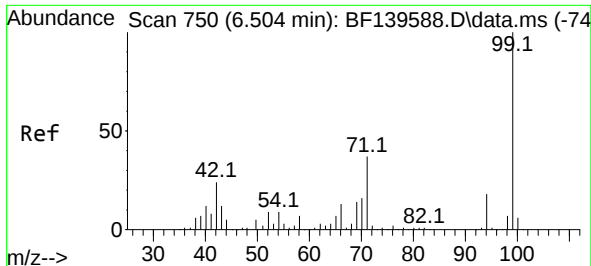
Tgt Ion:112 Resp: 822072
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 36.7 29.4 44.2



#6
Aniline
Concen: 47.402 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion: 93 Resp: 345111
Ion Ratio Lower Upper
93 100
66 70.7 40.9 61.3#
65 43.6 23.3 34.9#

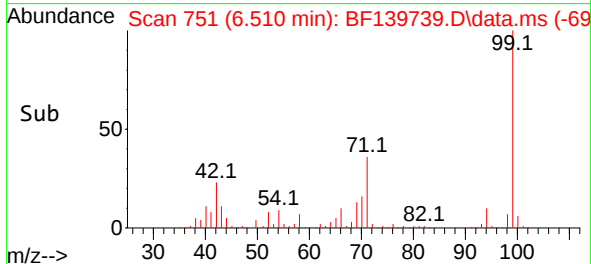
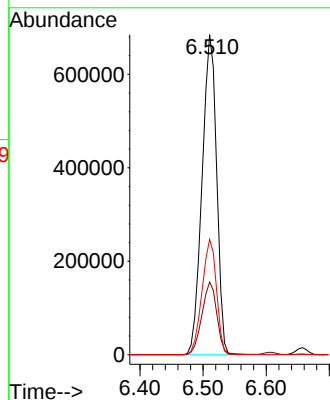
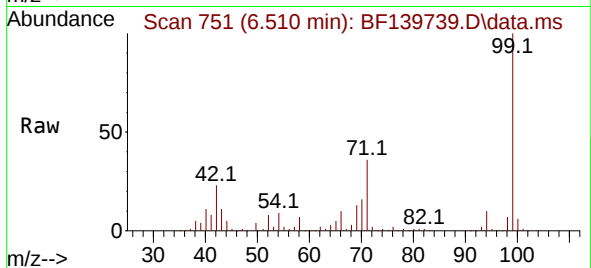




#7
Phenol-d6
Concen: 133.374 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

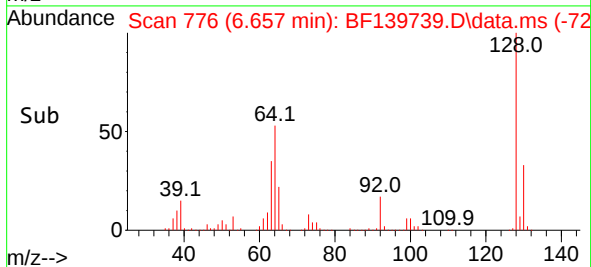
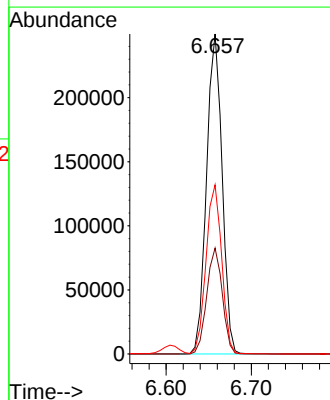
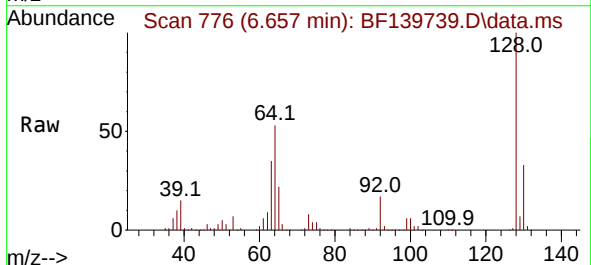
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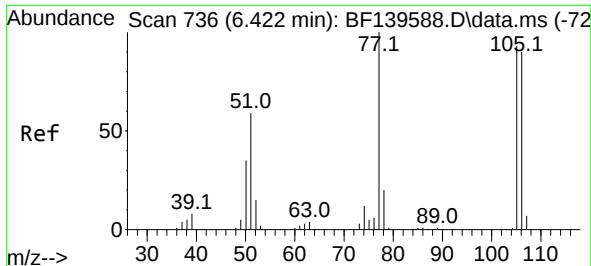
Tgt Ion: 99 Resp: 1094270
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.0 29.7 44.5



#8
2-Chlorophenol
Concen: 48.468 ng
RT: 6.657 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF139739.D
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Tgt Ion:128 Resp: 316809
Ion Ratio Lower Upper
128 100
130 33.1 13.2 53.2
64 52.9 35.1 75.1

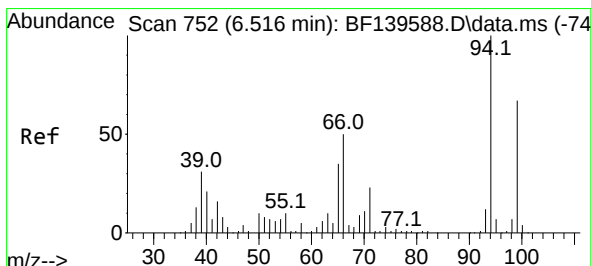
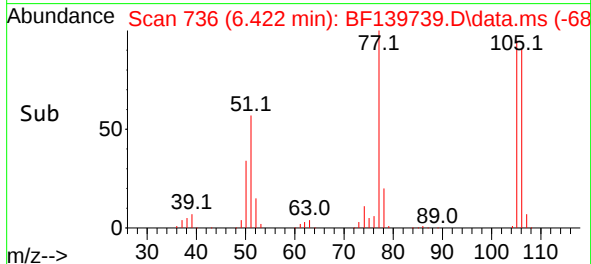
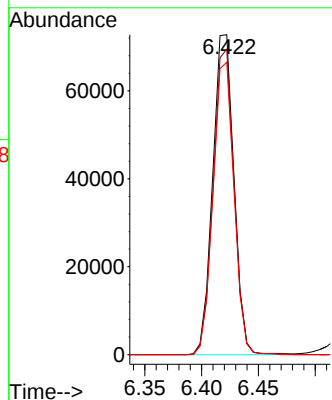
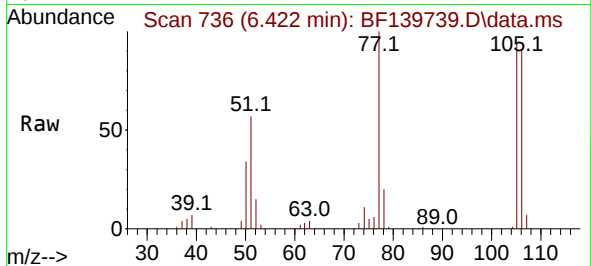




#9
Benzaldehyde
Concen: 21.718 ng
RT: 6.422 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF139739.D
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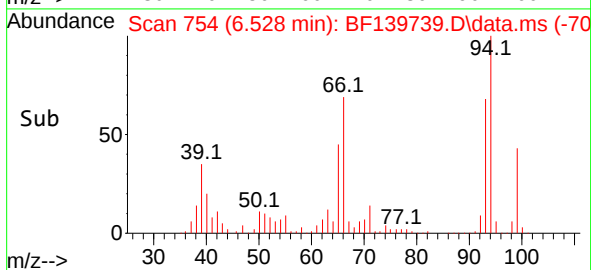
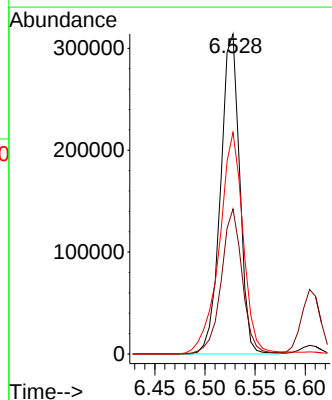
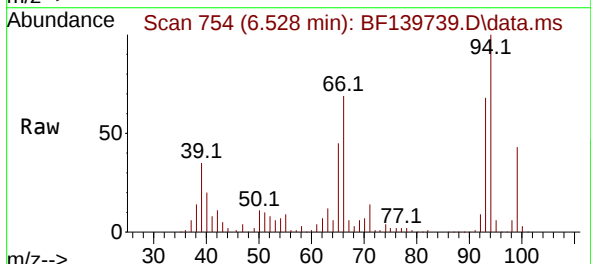
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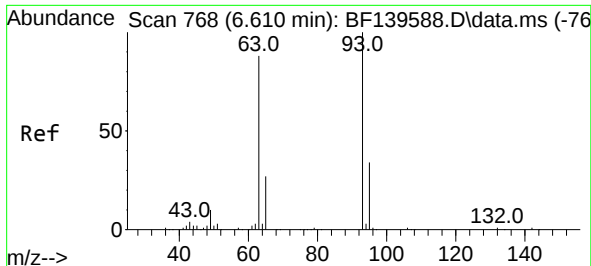
Tgt Ion: 77	Resp: 94389
Ion Ratio	Lower Upper
77 100	
105 95.5	72.7 112.7
106 91.4	70.1 110.1



#10
Phenol
Concen: 47.883 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.012 min
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Tgt Ion: 94	Resp: 413093
Ion Ratio	Lower Upper
94 100	
65 45.3	15.3 55.3
66 69.2	30.5 70.5

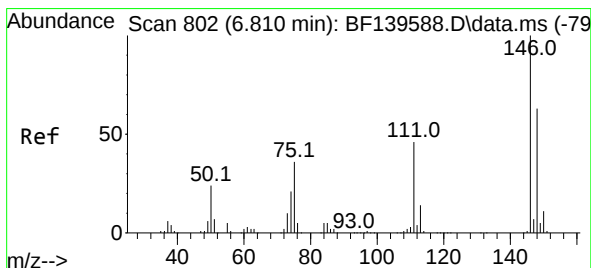
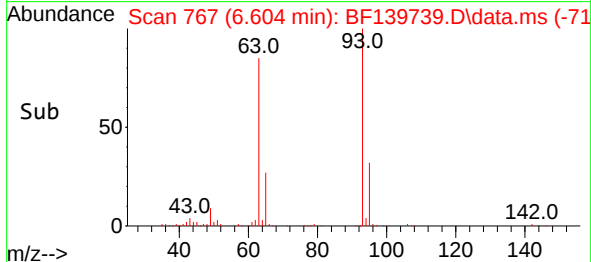
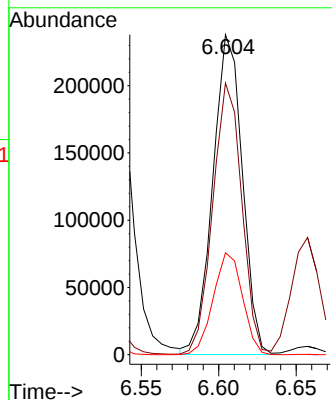
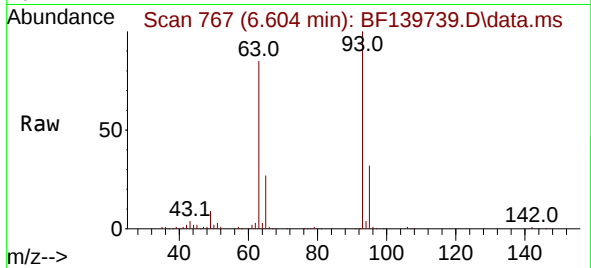




#11
bis(2-Chloroethyl)ether
Concen: 44.954 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

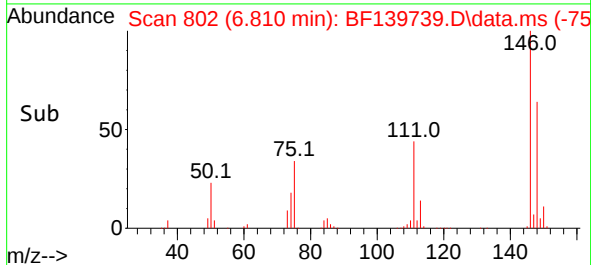
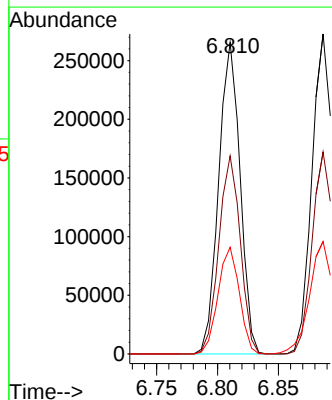
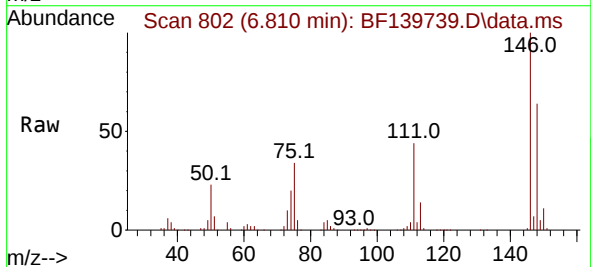
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion: 93 Resp: 315768
Ion Ratio Lower Upper
93 100
63 84.9 64.1 104.1
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.216 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:146 Resp: 325134
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 34.2 28.5 42.7

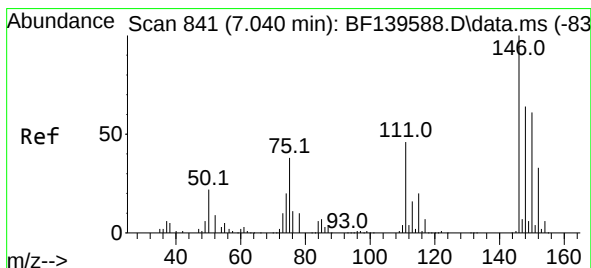
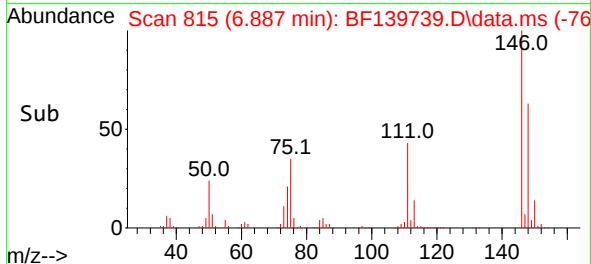
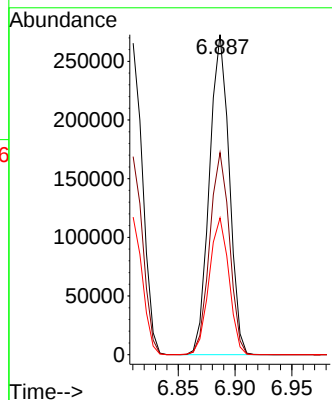
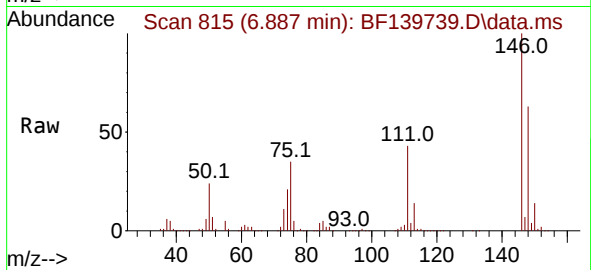




#13
1,4-Dichlorobenzene
Concen: 44.337 ng
RT: 6.887 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

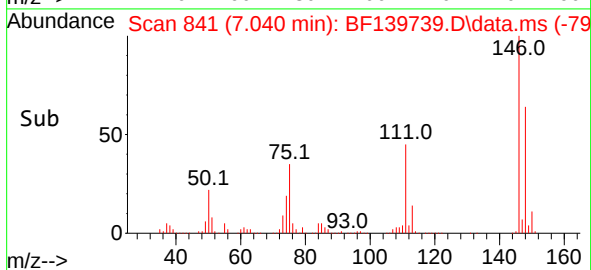
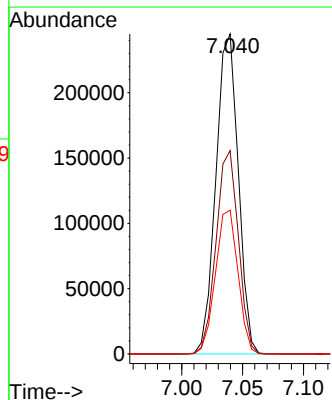
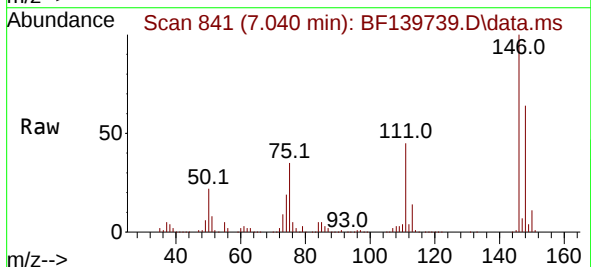
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:146 Resp: 330197
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 42.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 44.894 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:146 Resp: 313356
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 44.9 37.0 55.6

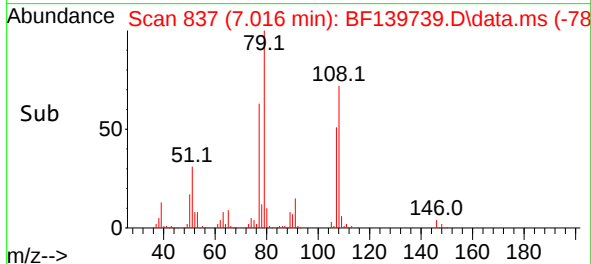
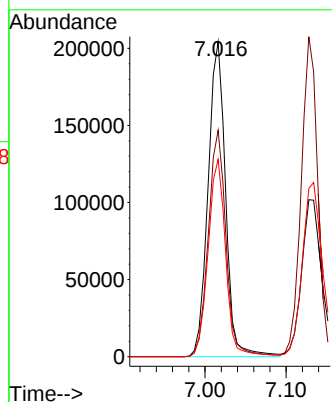
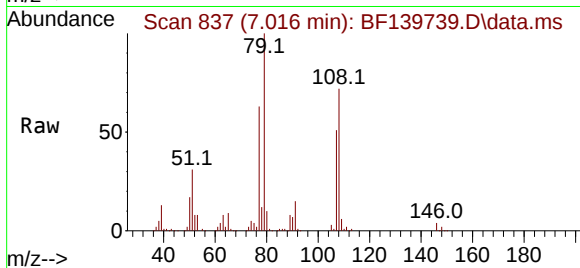




#15
Benzyl Alcohol
Concen: 48.689 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

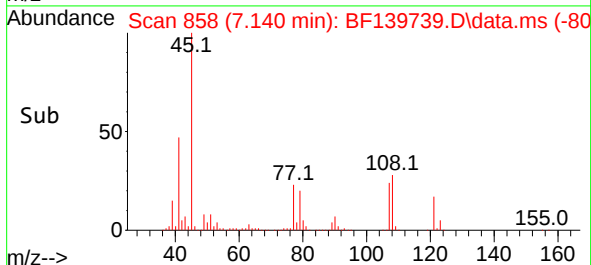
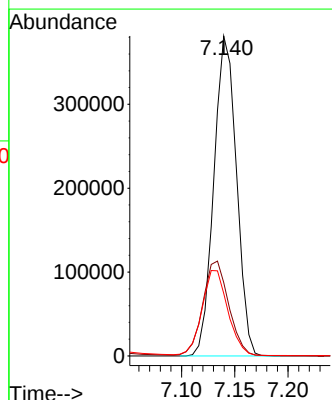
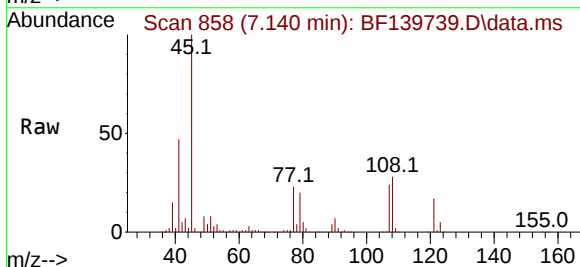
Instrument :
BNA_F
ClientSampleId :
PB164011BS

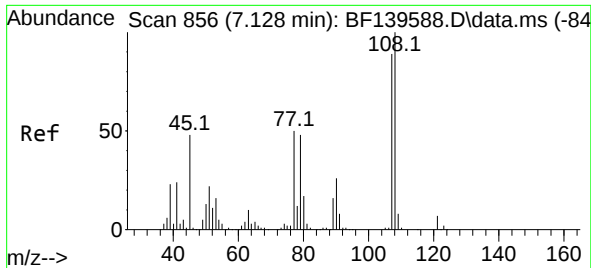
Tgt Ion: 79 Resp: 305223
Ion Ratio Lower Upper
79 100
108 71.9 55.1 82.7
77 62.7 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.292 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion: 45 Resp: 562922
Ion Ratio Lower Upper
45 100
77 22.9 0.0 32.5
79 19.5 0.0 29.7

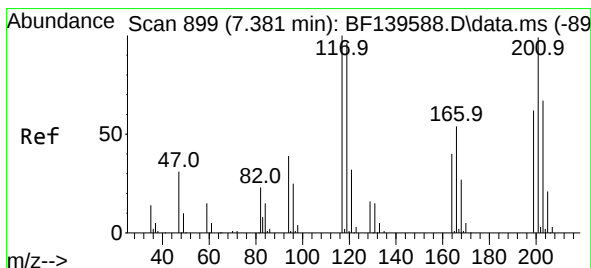
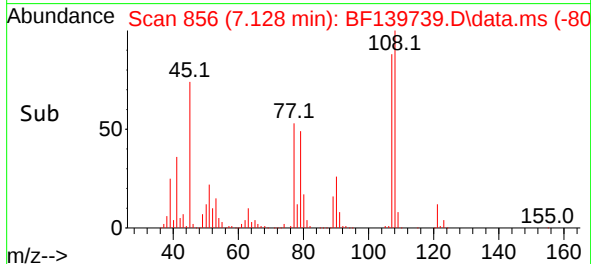
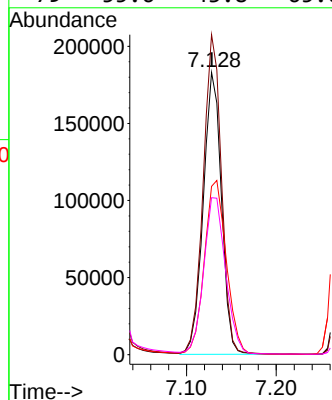
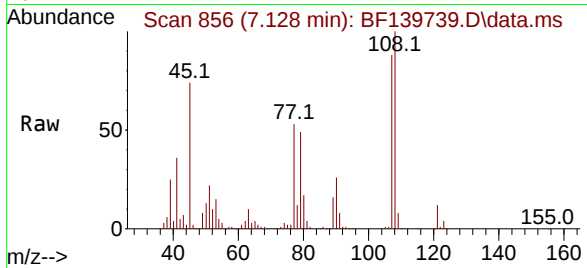




#17
2-Methylphenol
Concen: 47.240 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

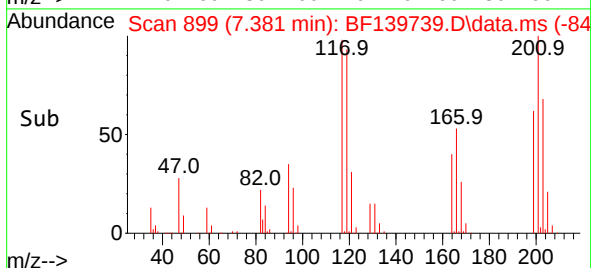
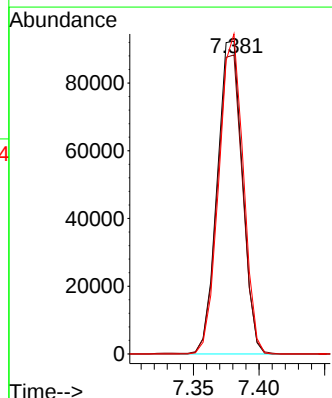
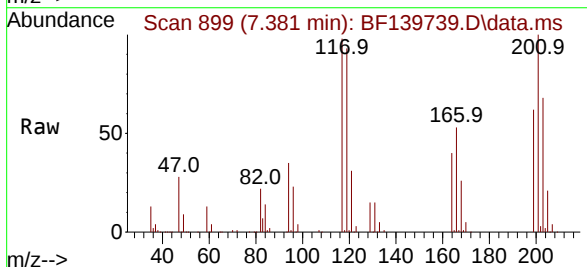
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:	107	Resp:	257783
Ion	Ratio	Lower	Upper
107	100		
108	113.4	89.8	134.6
77	59.6	44.6	67.0
79	55.6	43.8	65.6



#18
Hexachloroethane
Concen: 44.175 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:	117	Resp:	122712
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.6
201	102.3	79.2	118.8



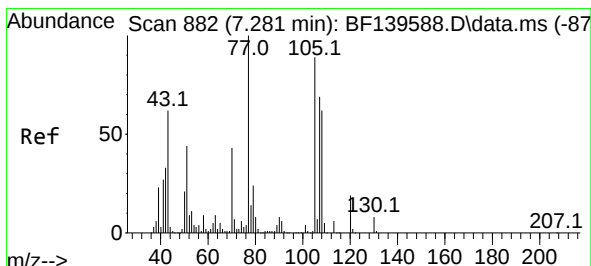
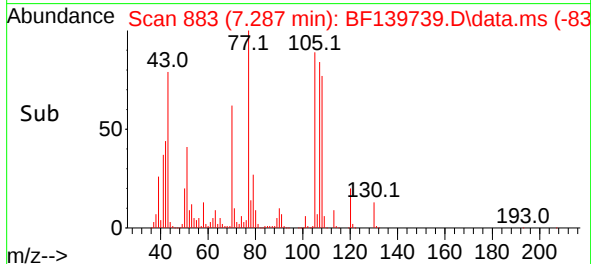
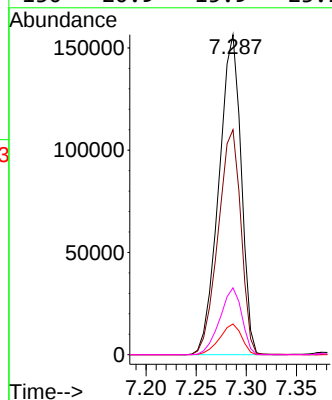
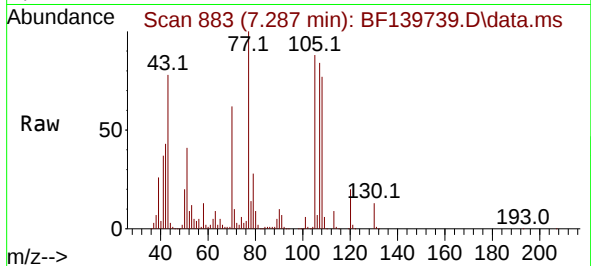


#19
n-Nitroso-di-n-propylamine
Concen: 45.875 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion: 70 Resp: 241980

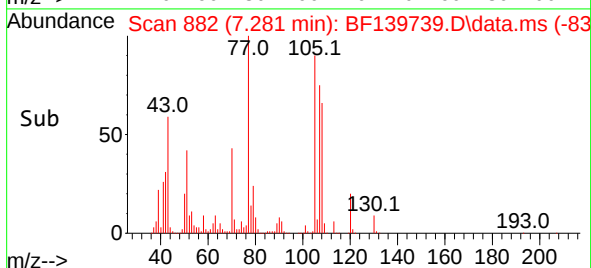
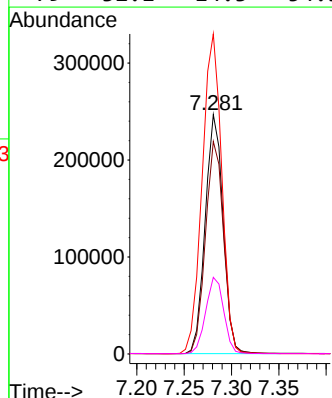
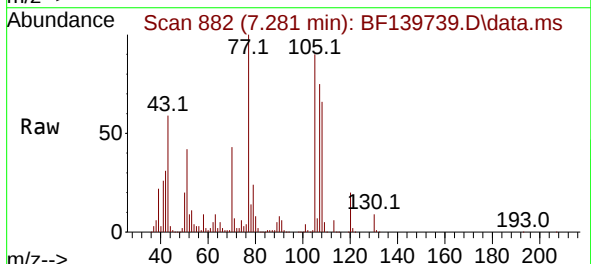
Ion	Ratio	Lower	Upper
70	100		
42	70.3	58.0	87.0
101	9.6	7.8	11.8
130	20.9	15.9	23.9

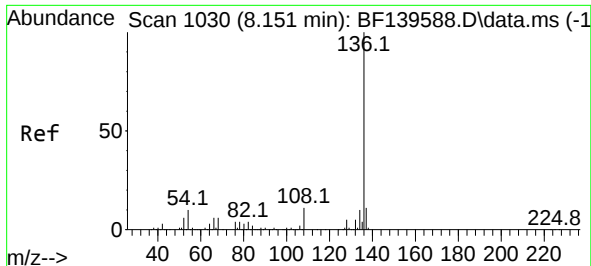


#20
3+4-Methylphenols
Concen: 47.341 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion: 107 Resp: 324477

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.2	110.2
77	133.7	125.3	165.3
79	32.1	14.3	54.3



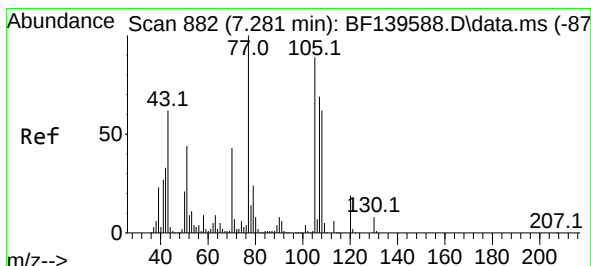
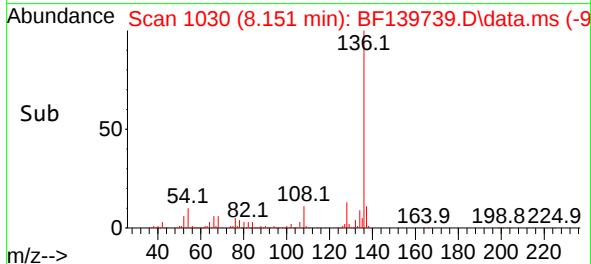
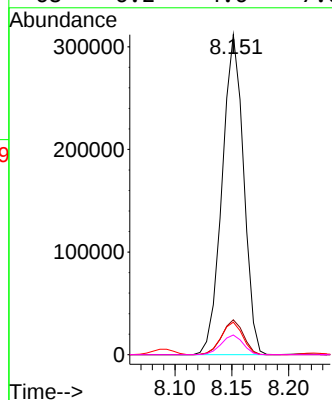
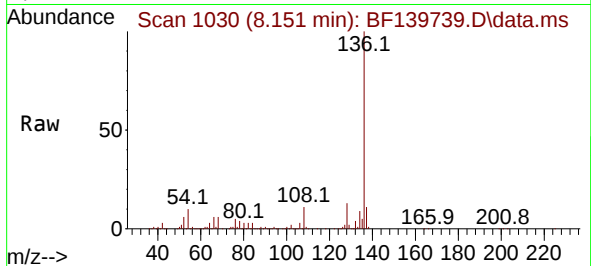


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:136 Resp: 410277

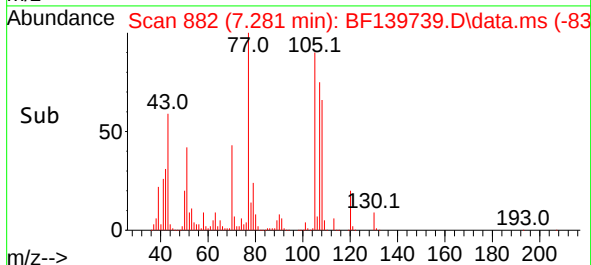
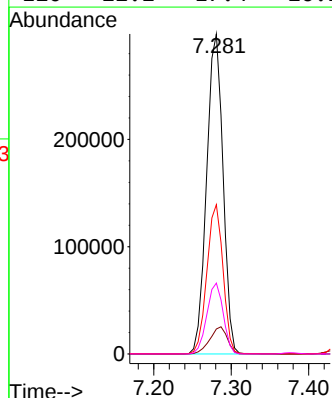
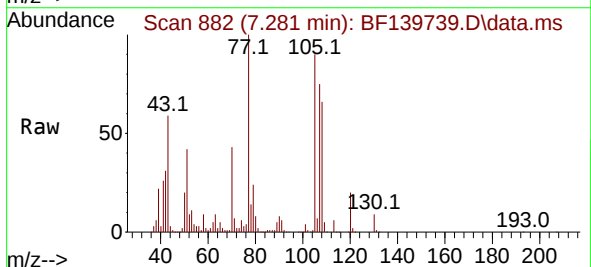
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.3	12.5
68	6.2	4.6	7.0



#22
Acetophenone
Concen: 44.982 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:105 Resp: 438070

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.6	10.0
51	46.7	39.4	59.0
120	22.2	17.4	26.2





#23

Nitrobenzene-d5

Concen: 89.222 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

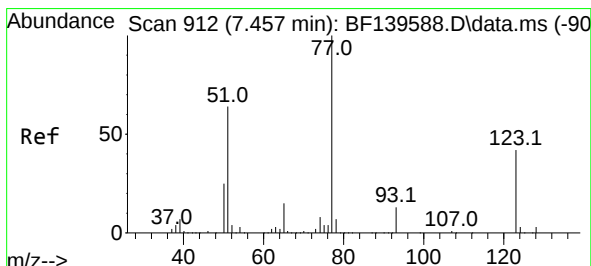
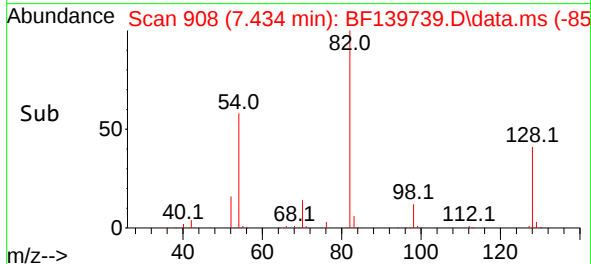
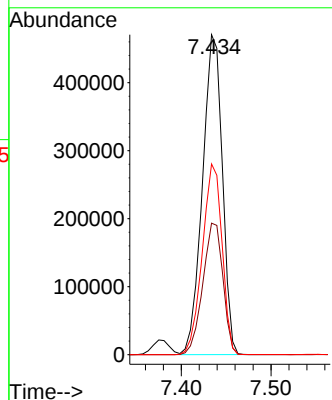
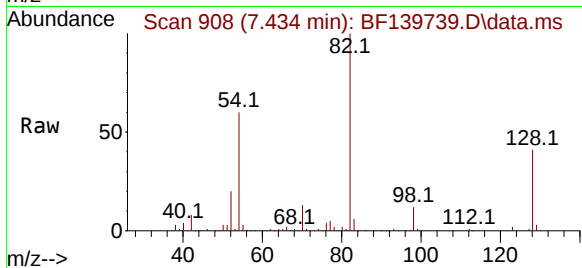
BNA_F

ClientSampleId :

PB164011BS

Tgt Ion: 82 Resp: 723002

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	59.6	49.1	73.7



#24

Nitrobenzene

Concen: 43.200 ng

RT: 7.457 min Scan# 912

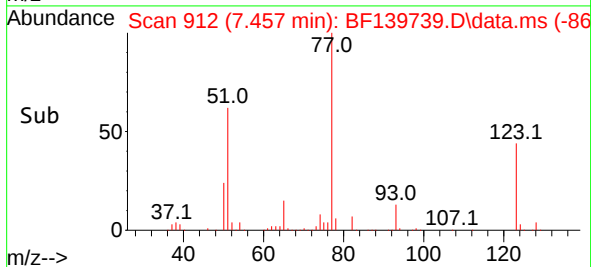
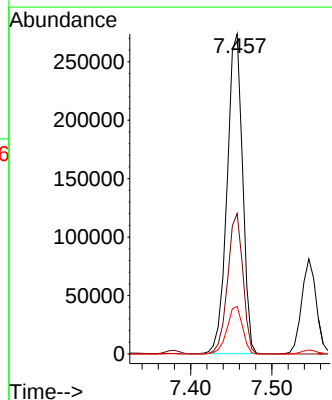
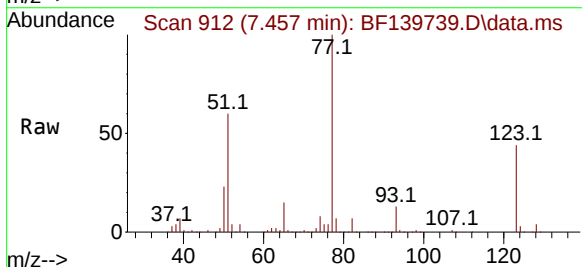
Delta R.T. 0.000 min

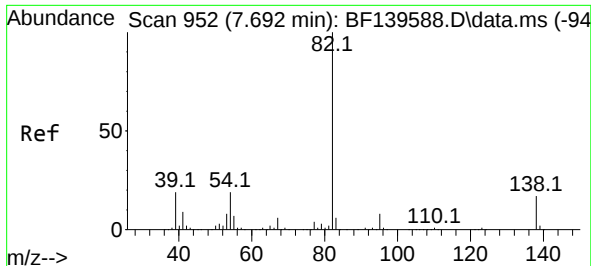
Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Tgt Ion: 77 Resp: 362491

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.2	51.4
65	14.8	12.1	18.1

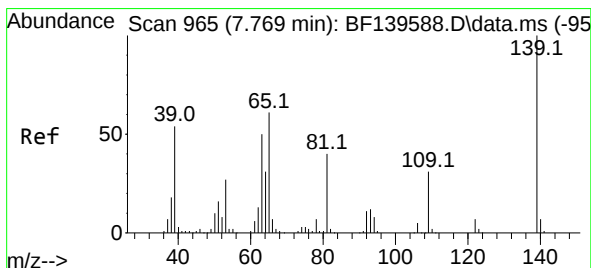
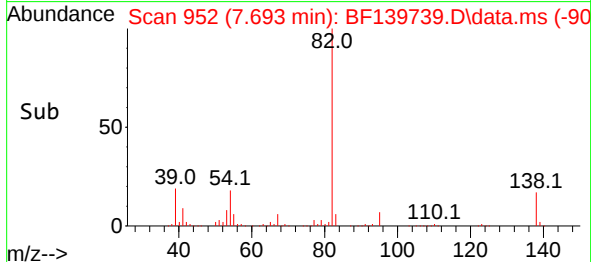
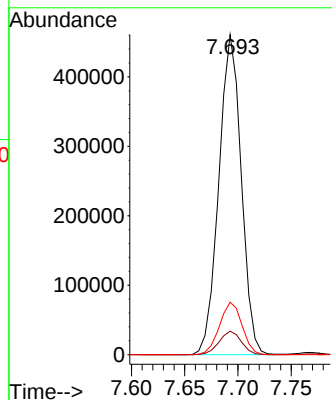
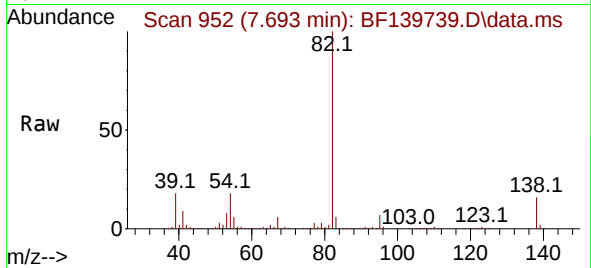




#25
Isophorone
Concen: 46.787 ng
RT: 7.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

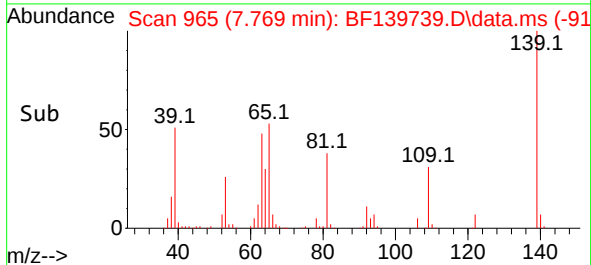
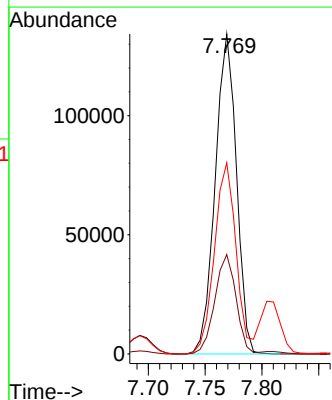
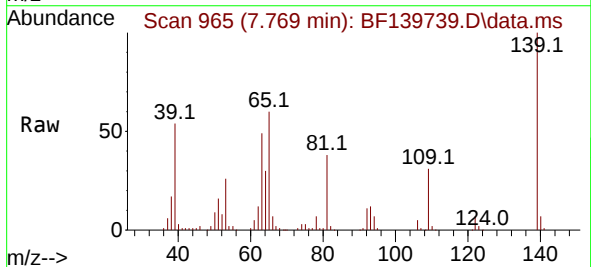
Instrument :
BNA_F
ClientSampleId :
PB164011BS

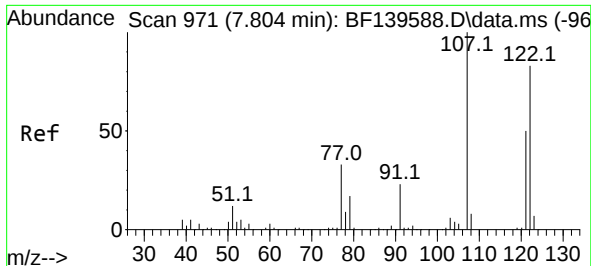
Tgt Ion: 82 Resp: 673391
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.4 13.4 20.2



#26
2-Nitrophenol
Concen: 48.403 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:139 Resp: 174603
Ion Ratio Lower Upper
139 100
109 31.1 24.9 37.3
65 59.8 48.6 72.8

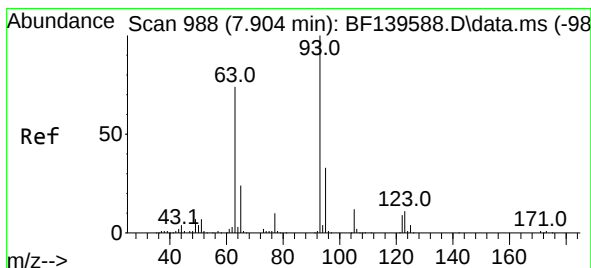
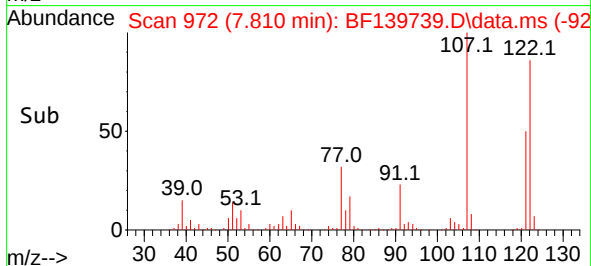
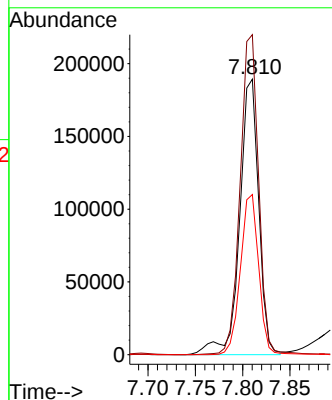
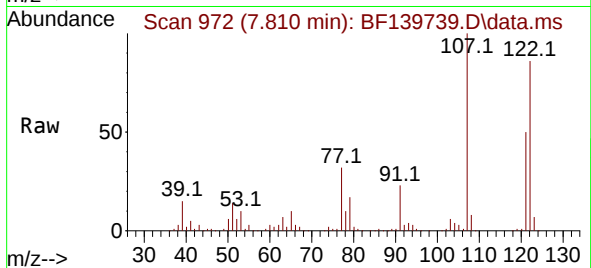




#27
2,4-Dimethylphenol
Concen: 60.123 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

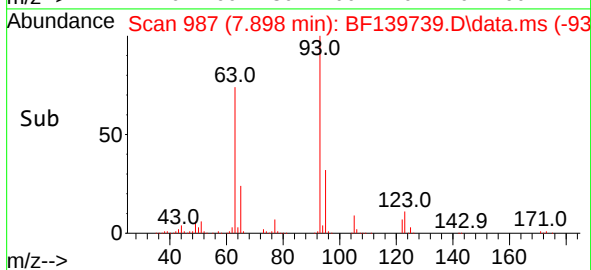
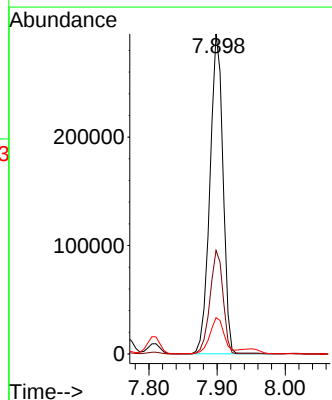
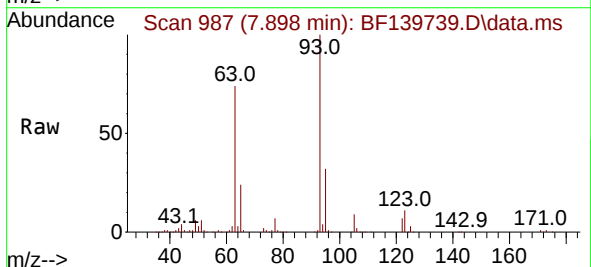
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:122 Resp: 265507
Ion Ratio Lower Upper
122 100
107 116.1 95.4 143.0
121 58.1 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 45.949 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion: 93 Resp: 394904
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.666 ng

RT: 8.016 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

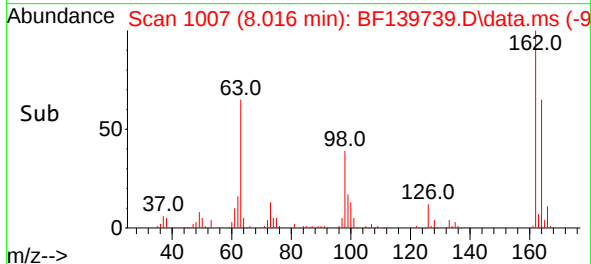
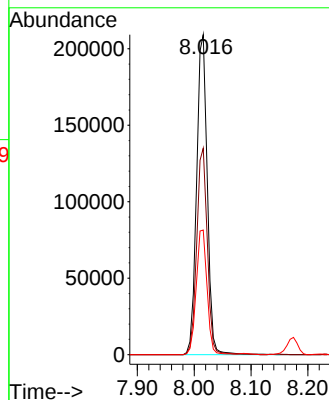
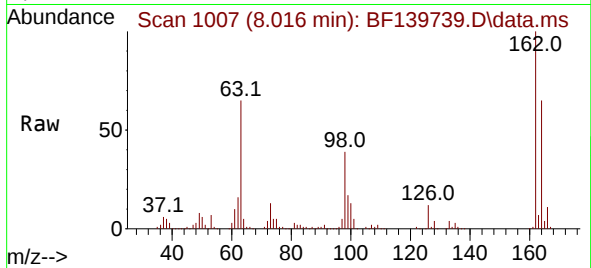
Tgt Ion:162 Resp: 274556

Ion Ratio Lower Upper

162 100

164 64.5 43.1 83.1

98 38.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 42.982 ng

RT: 8.092 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

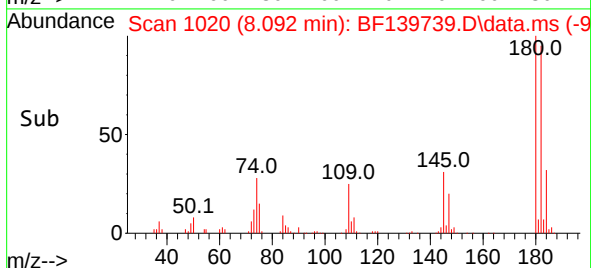
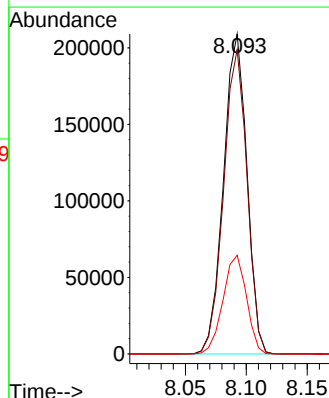
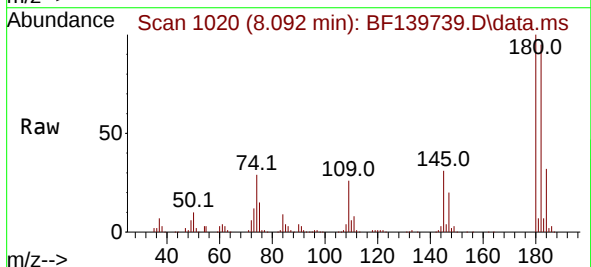
Tgt Ion:180 Resp: 279986

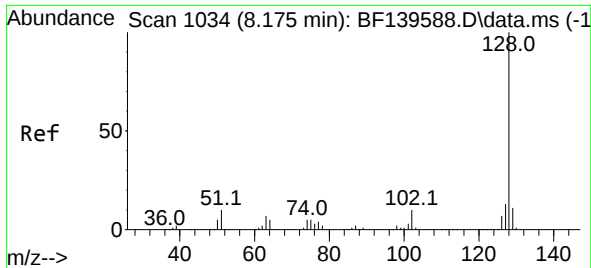
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 30.9 25.0 37.6

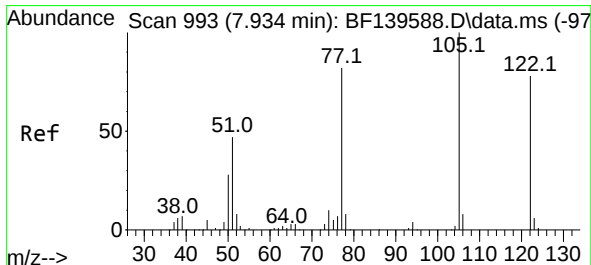
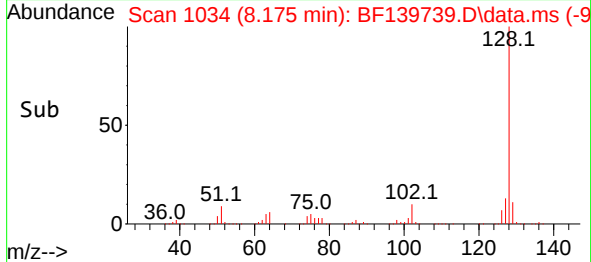
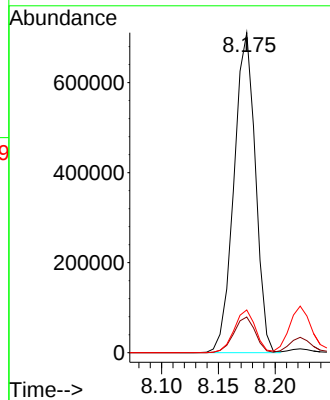
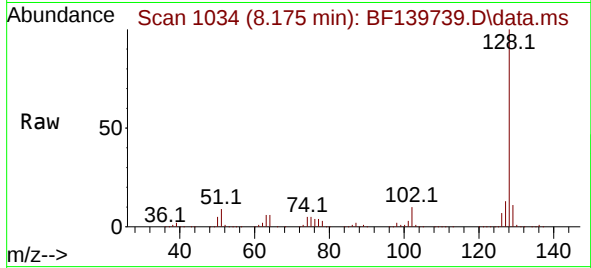




#31
Naphthalene
Concen: 44.416 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

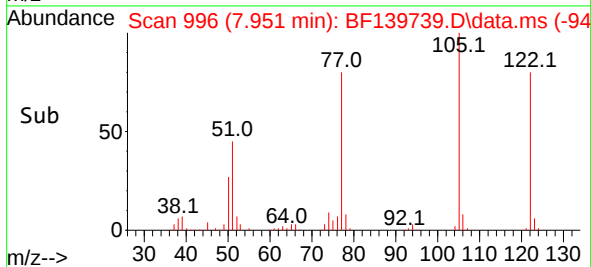
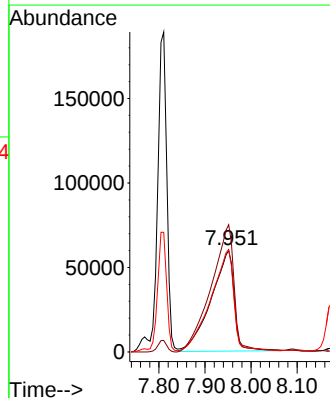
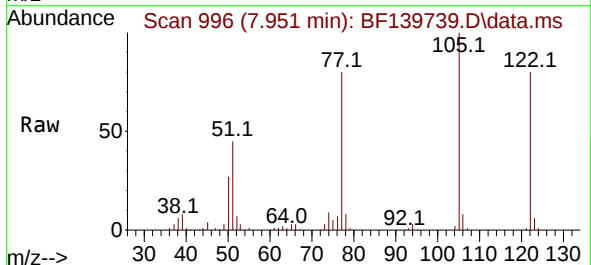
Instrument :
BNA_F
ClientSampleId :
PB164011BS

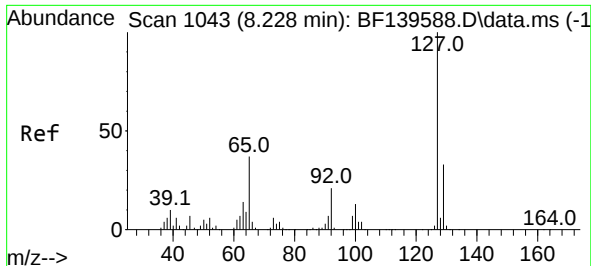
Tgt Ion:128 Resp: 931709
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 46.805 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:122 Resp: 205528
Ion Ratio Lower Upper
122 100
105 125.2 104.9 144.9
77 100.7 82.7 122.7

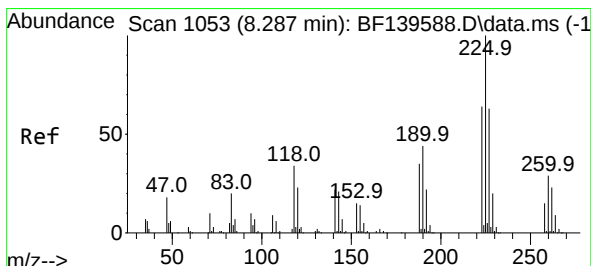
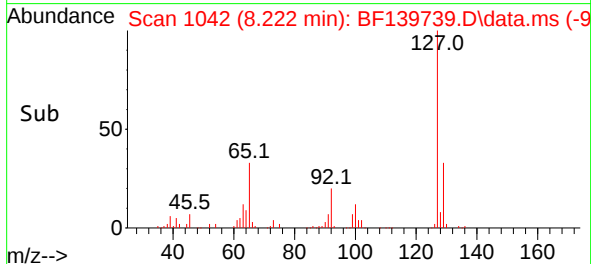
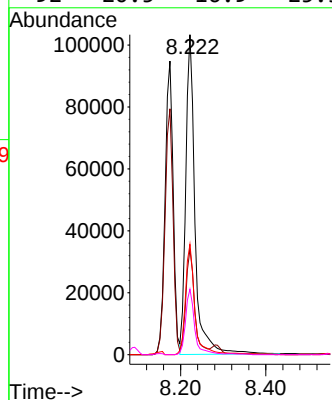
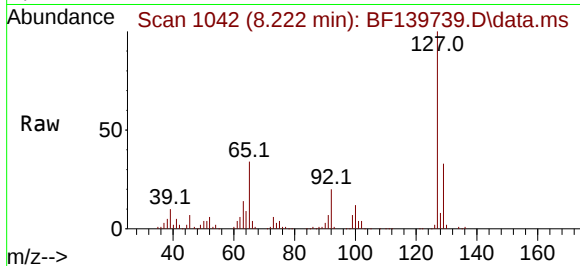




#33
4-Chloroaniline
Concen: 22.008 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

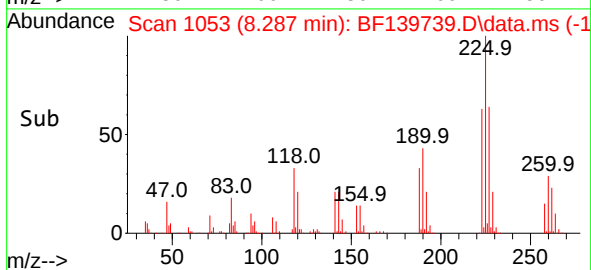
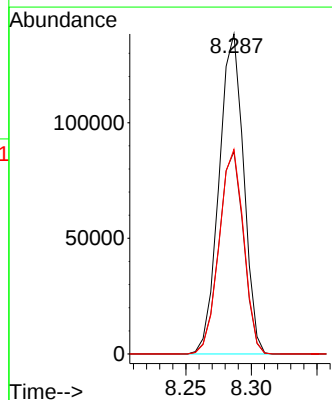
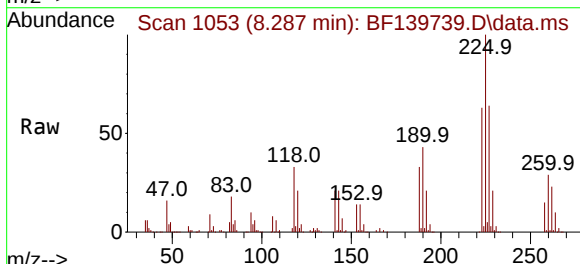
Instrument :
BNA_F
ClientSampleId :
PB164011BS

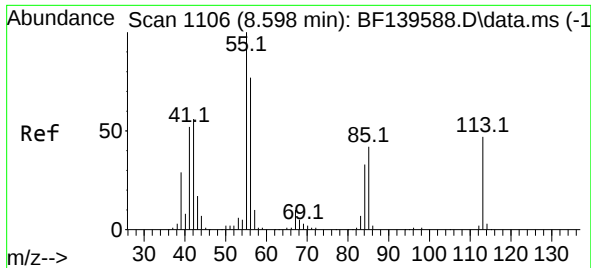
Tgt Ion:	127	Resp:	156268
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	34.5	29.3	43.9
92	20.5	16.9	25.3



#34
Hexachlorobutadiene
Concen: 42.760 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:	225	Resp:	180253
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	64.0	50.7	76.1

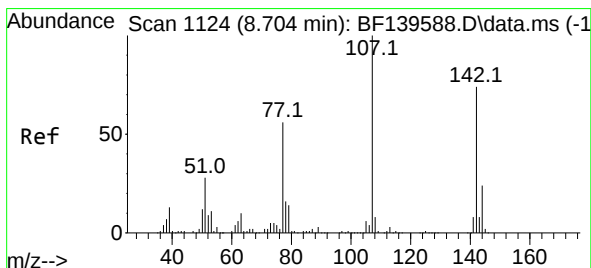
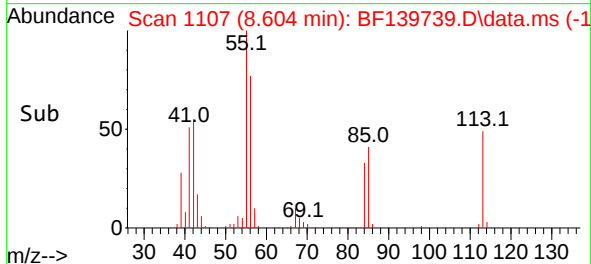
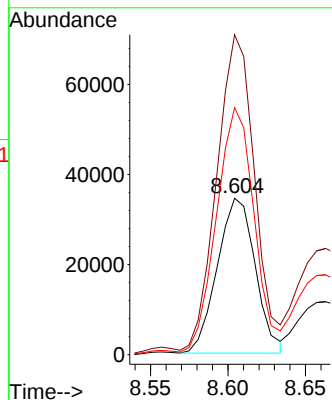
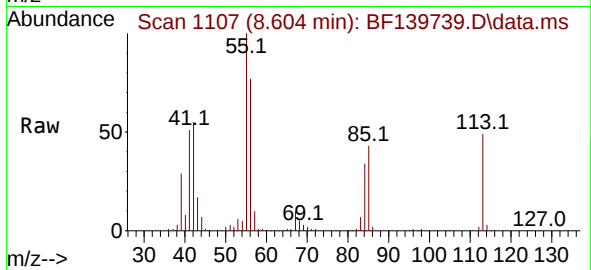




#35
Caprolactam
Concen: 30.978 ng
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

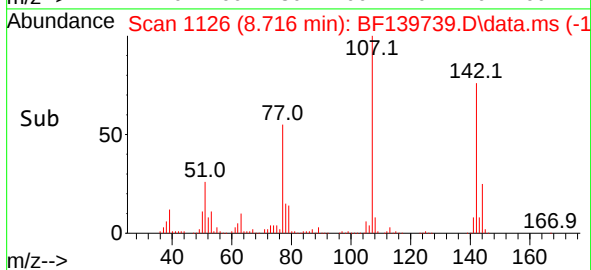
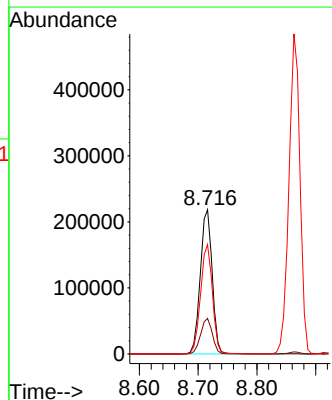
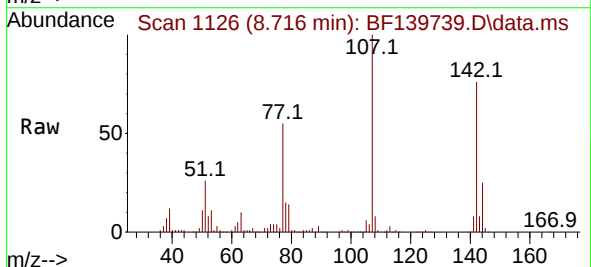
Instrument :
BNA_F
ClientSampleId :
PB164011BS

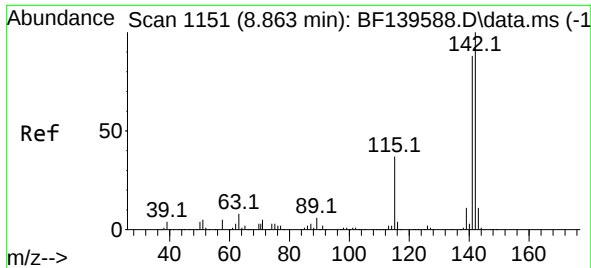
Tgt Ion:113 Resp: 58525
Ion Ratio Lower Upper
113 100
55 204.4 193.4 233.4
56 157.8 143.8 183.8



#36
4-Chloro-3-methylphenol
Concen: 47.296 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:107 Resp: 308389
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 75.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.259 ng

RT: 8.863 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

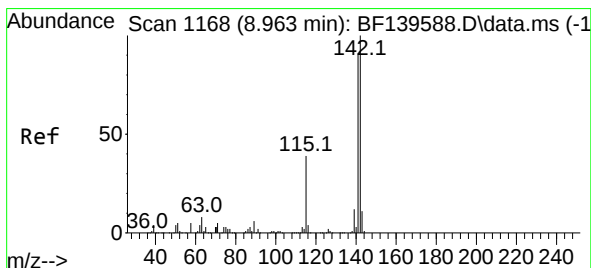
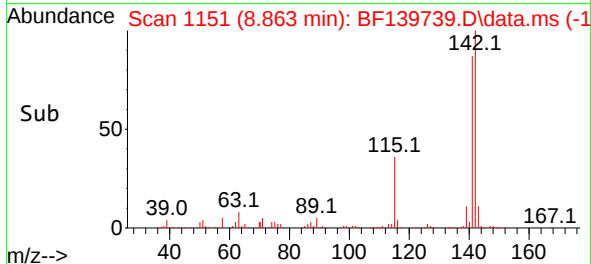
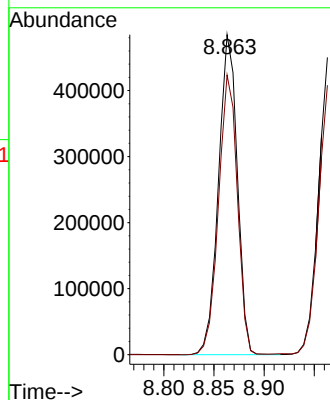
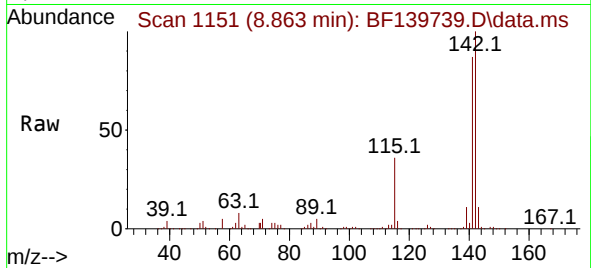
PB164011BS

Tgt Ion:142 Resp: 632000

Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 43.727 ng

RT: 8.963 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF139739.D

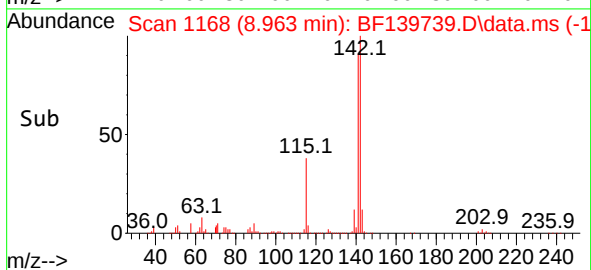
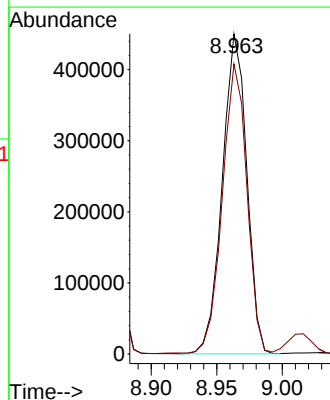
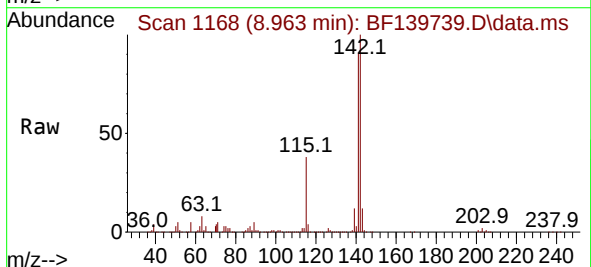
Acq: 10 Oct 2024 11:32

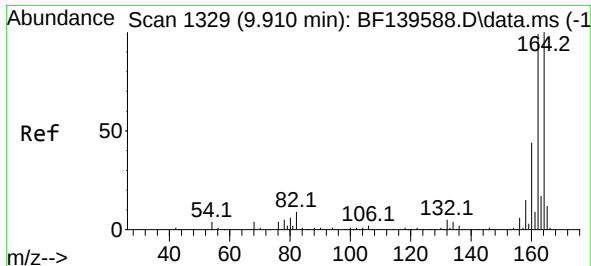
Tgt Ion:142 Resp: 583951

Ion Ratio Lower Upper

142 100

141 90.6 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

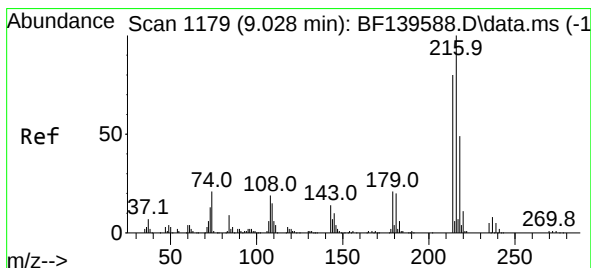
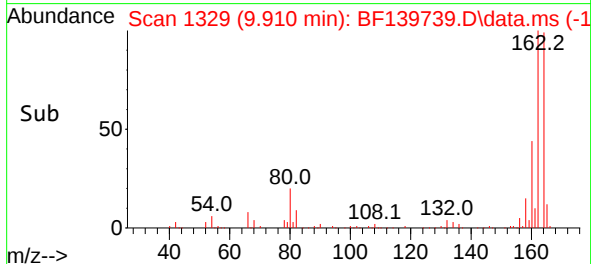
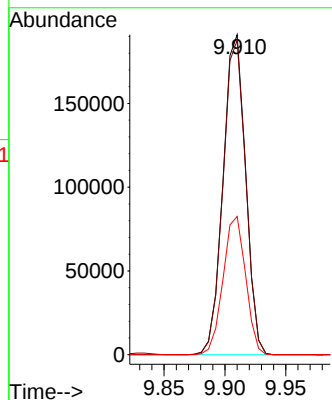
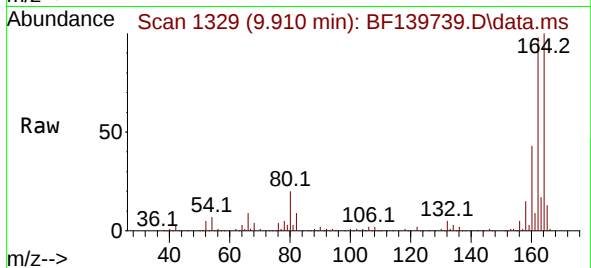
Tgt Ion:164 Resp: 246554

Ion Ratio Lower Upper

164 100

162 98.3 79.4 119.0

160 43.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.845 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Tgt Ion:216 Resp: 293335

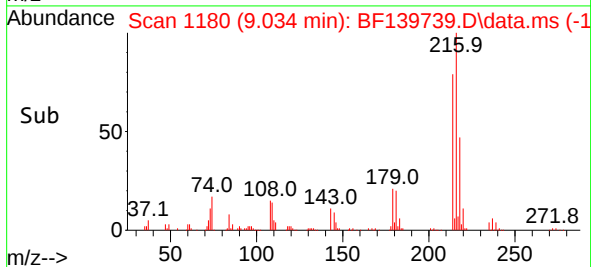
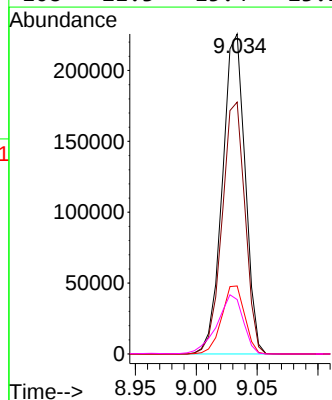
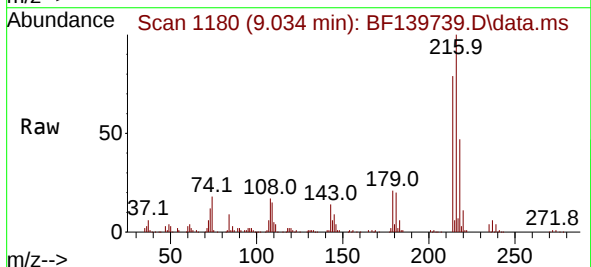
Ion Ratio Lower Upper

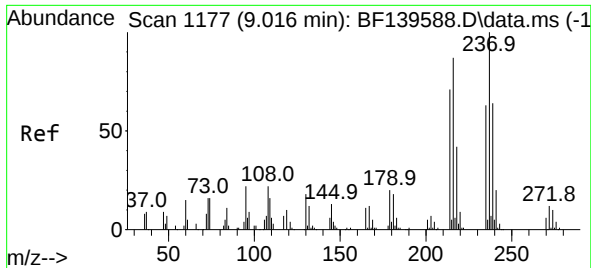
216 100

214 79.2 63.7 95.5

179 21.5 16.9 25.3

108 21.3 15.4 23.2

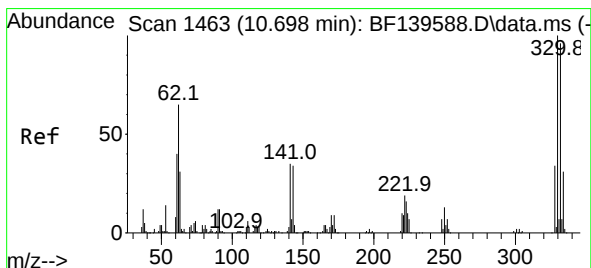
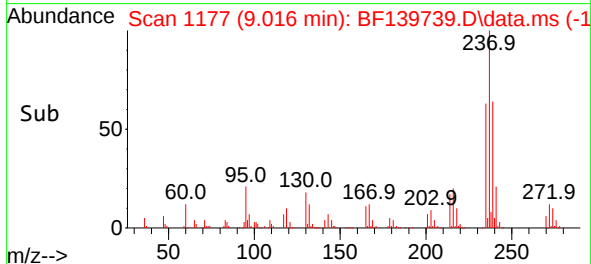
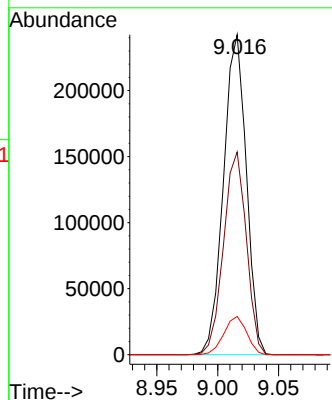
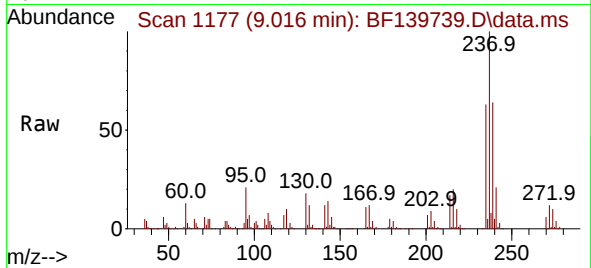




#41
Hexachlorocyclopentadiene
Concen: 150.740 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

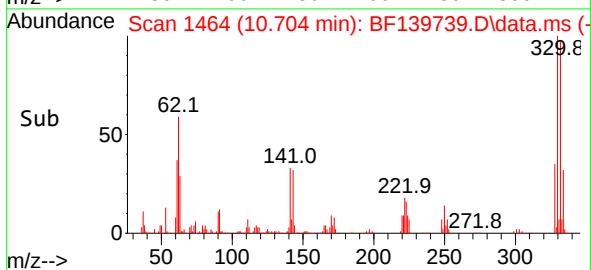
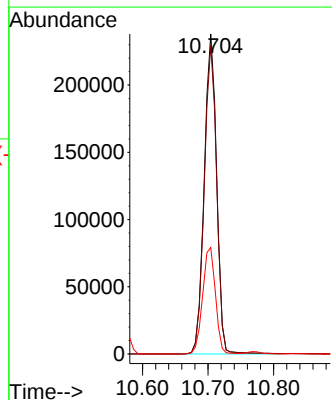
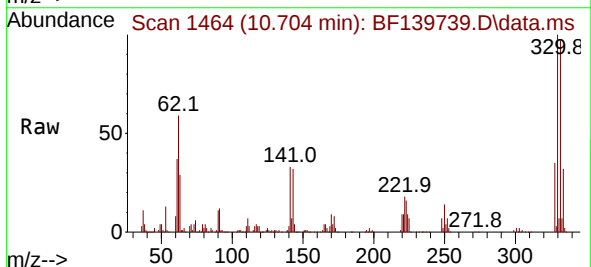
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:237 Resp: 316449
Ion Ratio Lower Upper
237 100
235 63.4 42.5 82.5
272 12.0 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 131.793 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

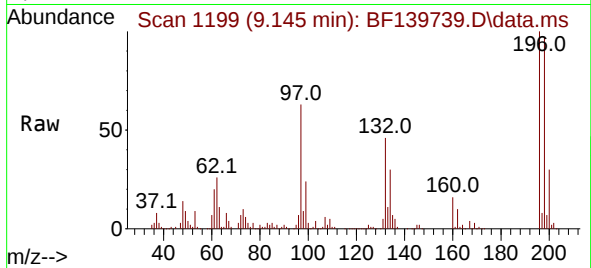
Tgt Ion:330 Resp: 313677
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.4 29.3 43.9



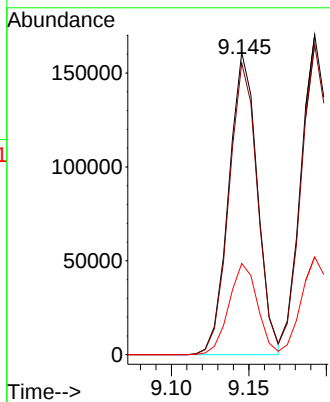
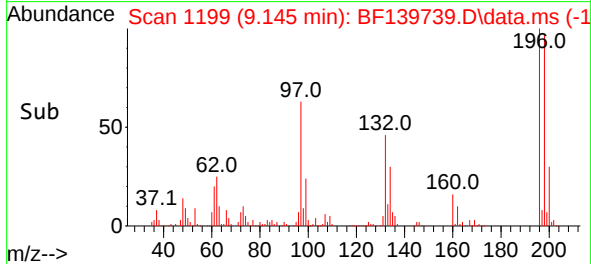


#43
2,4,6-Trichlorophenol
Concen: 44.583 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164011BS

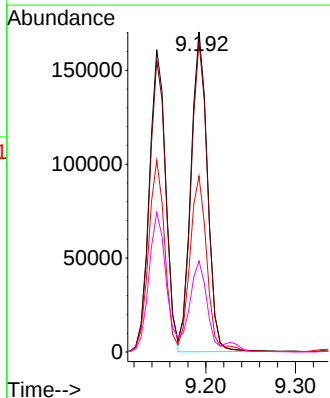
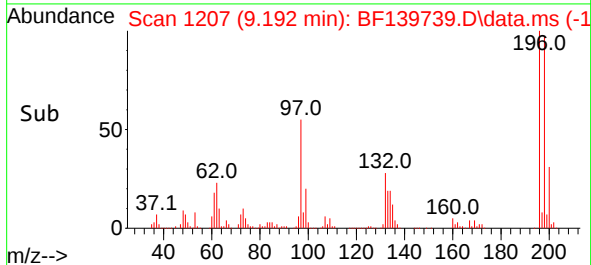
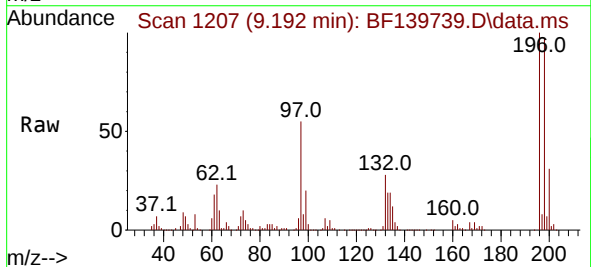


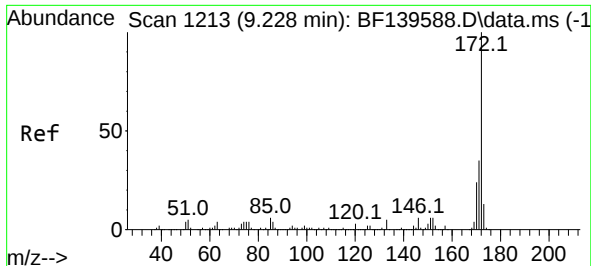
Tgt Ion:196 Resp: 205767
Ion Ratio Lower Upper
196 100
198 96.5 75.2 112.8
200 30.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 43.603 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:196 Resp: 217024
Ion Ratio Lower Upper
196 100
198 97.1 77.5 116.3
97 54.9 43.1 64.7
132 28.4 22.2 33.4

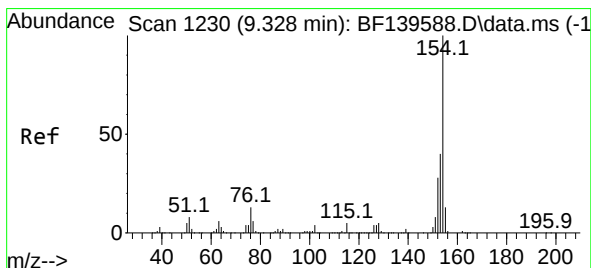
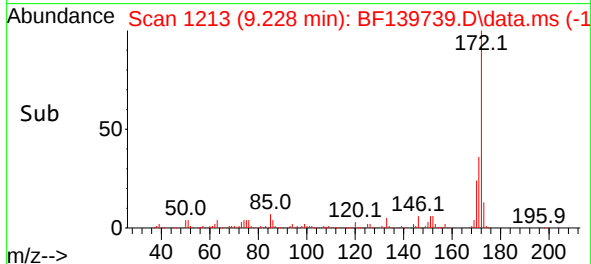
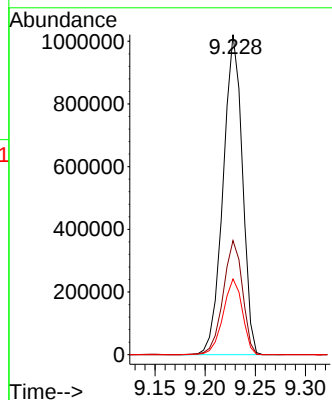
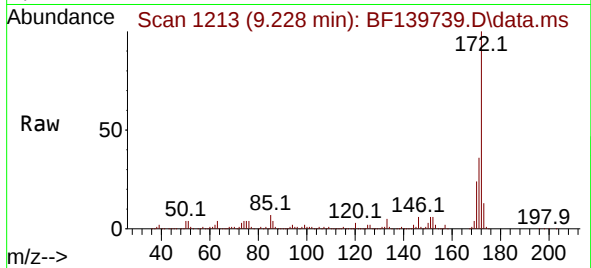




#45
2-Fluorobiphenyl
Concen: 84.906 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

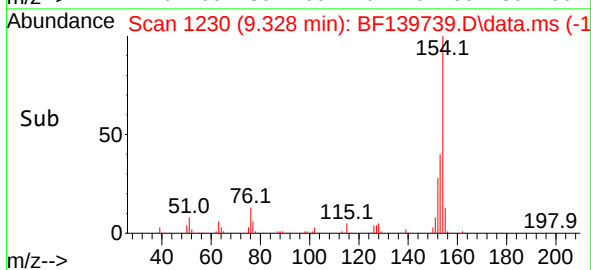
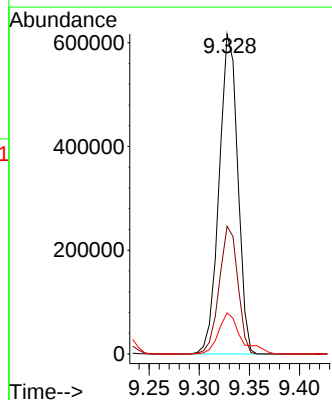
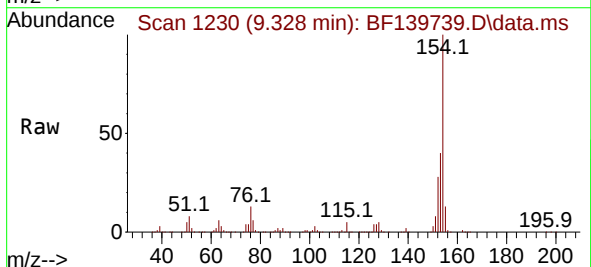
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:172 Resp: 1363605
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.249 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:154 Resp: 793086
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 12.8 0.0 32.6

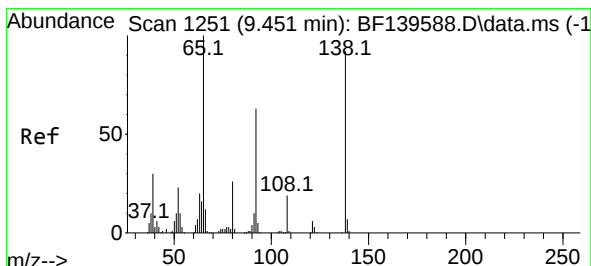
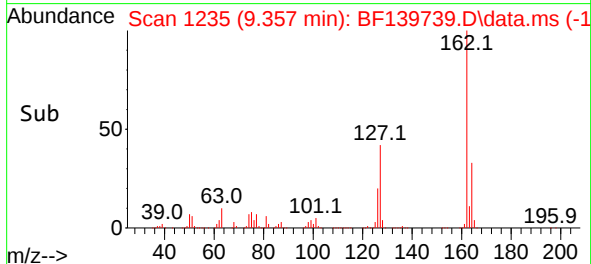
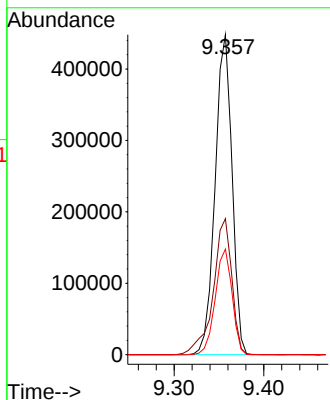
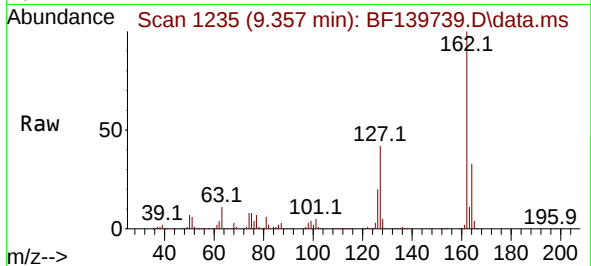




#47
2-Chloronaphthalene
Concen: 42.605 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

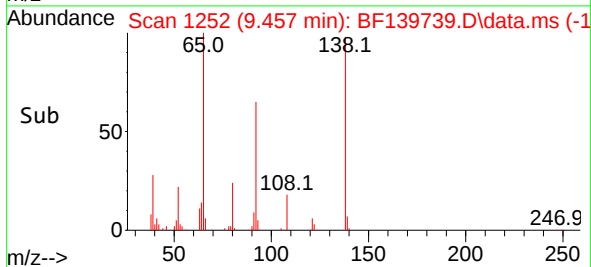
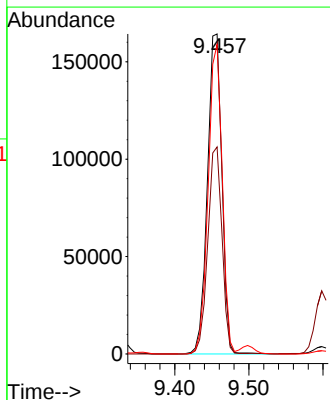
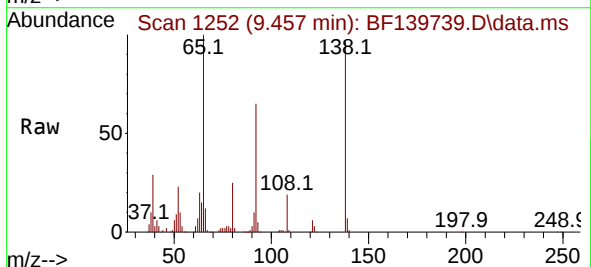
Instrument :
BNA_F
ClientSampleId :
PB164011BS

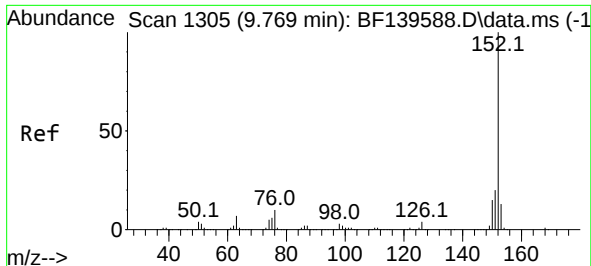
Tgt Ion:162 Resp: 585706
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 45.129 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion: 65 Resp: 222707
Ion Ratio Lower Upper
65 100
92 64.7 50.0 75.0
138 96.8 73.8 110.8





#49

Acenaphthylene

Concen: 46.566 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

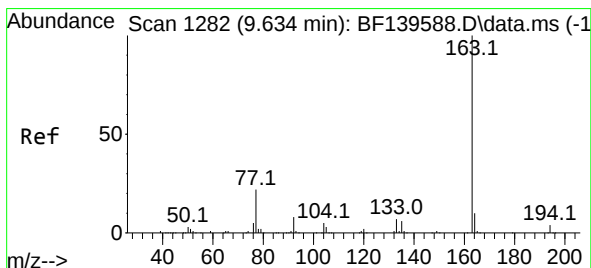
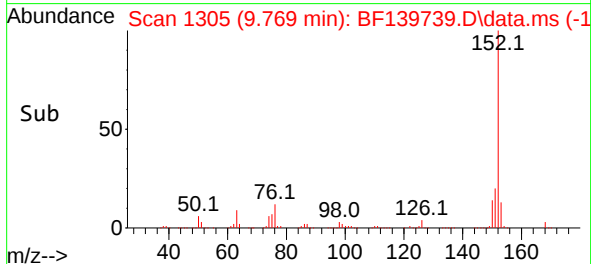
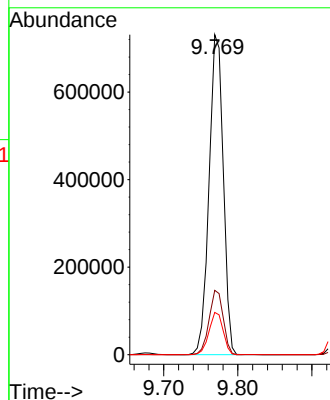
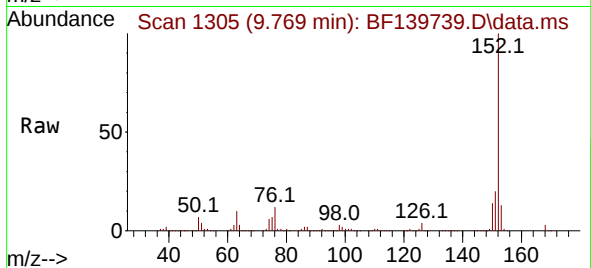
Tgt Ion:152 Resp: 973535

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 46.346 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

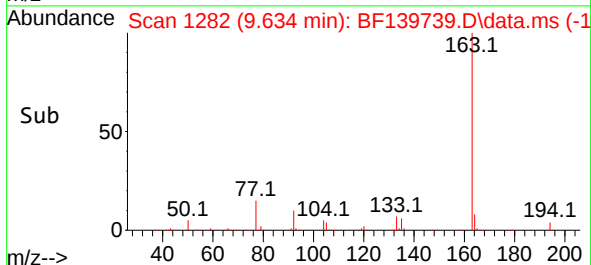
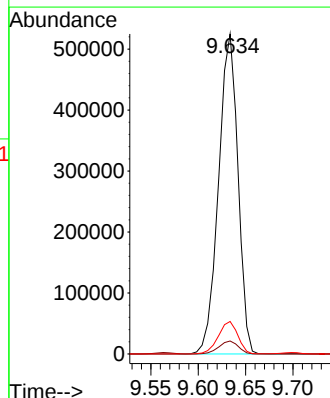
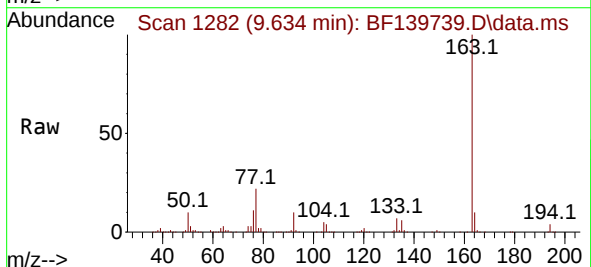
Tgt Ion:163 Resp: 748012

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1

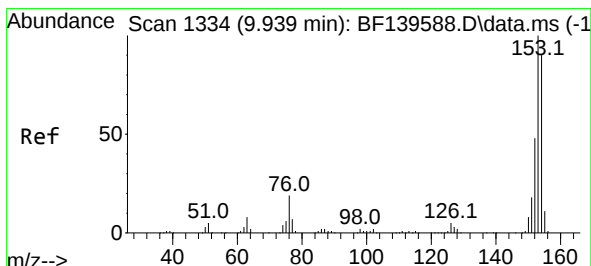
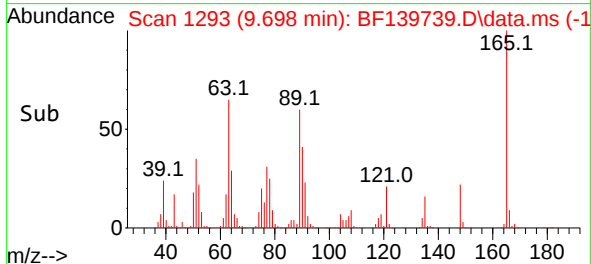
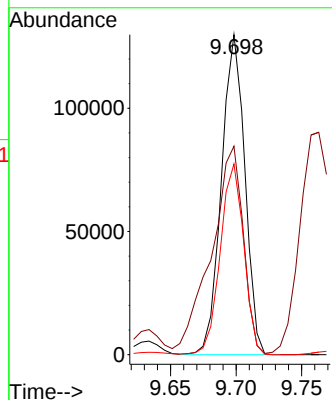
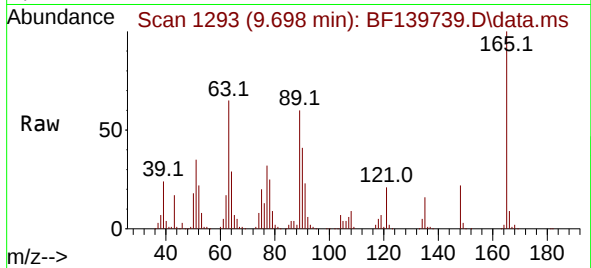




#51
2,6-Dinitrotoluene
Concen: 44.156 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

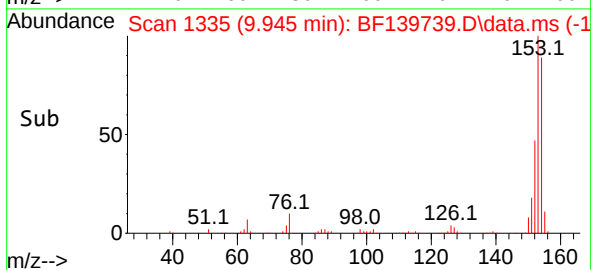
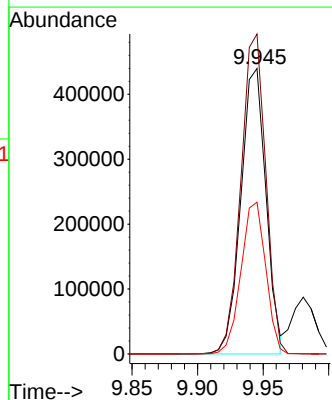
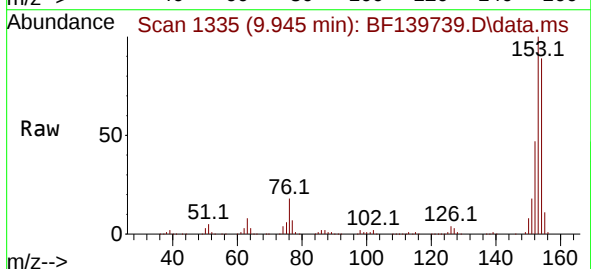
Instrument :
BNA_F
ClientSampleId :
PB164011BS

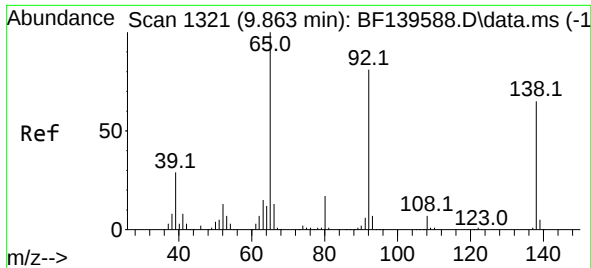
Tgt Ion:165 Resp: 160987
Ion Ratio Lower Upper
165 100
63 65.2 56.7 85.1
89 59.6 51.6 77.4



#52
Acenaphthene
Concen: 40.902 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:154 Resp: 587042
Ion Ratio Lower Upper
154 100
153 112.1 88.8 133.2
152 53.2 42.5 63.7

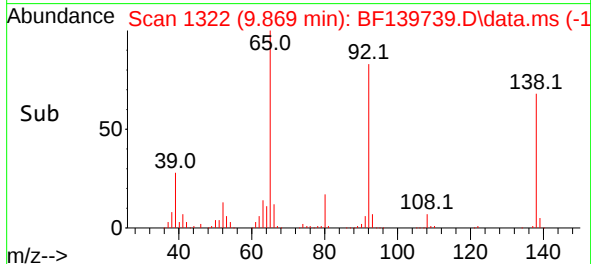
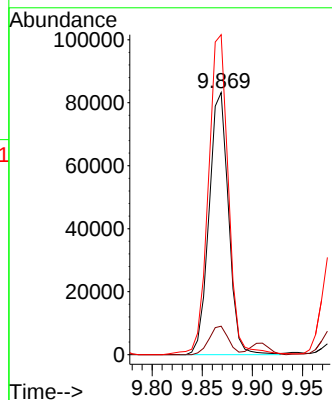
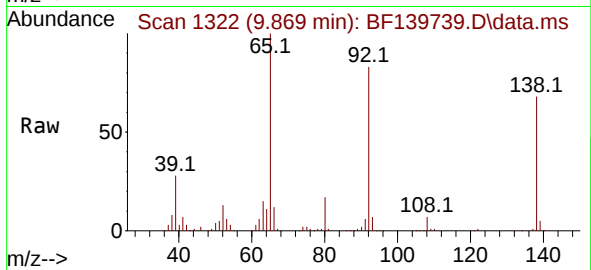




#53
3-Nitroaniline
Concen: 30.215 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

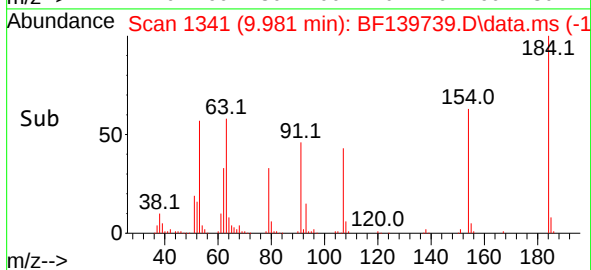
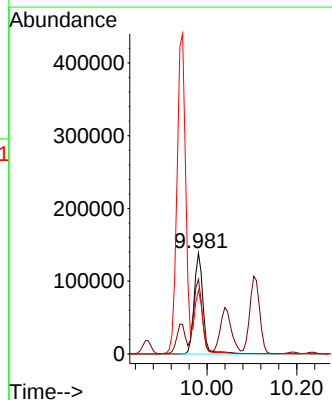
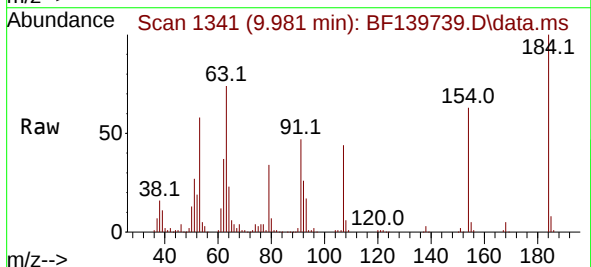
Instrument :
BNA_F
ClientSampleId :
PB164011BS

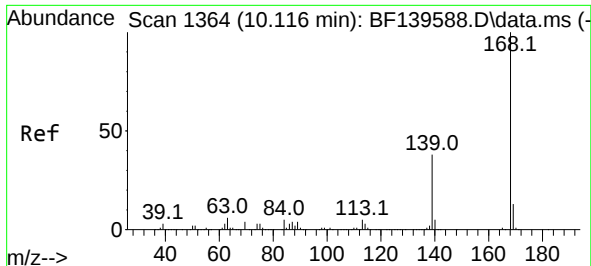
Tgt Ion:138 Resp: 112573
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 122.1 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 99.207 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:184 Resp: 194544
Ion Ratio Lower Upper
184 100
63 74.1 61.7 92.5
154 63.1 53.0 79.4

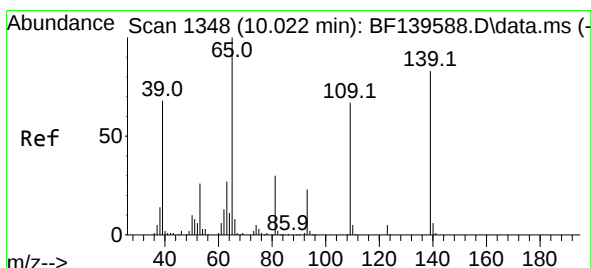
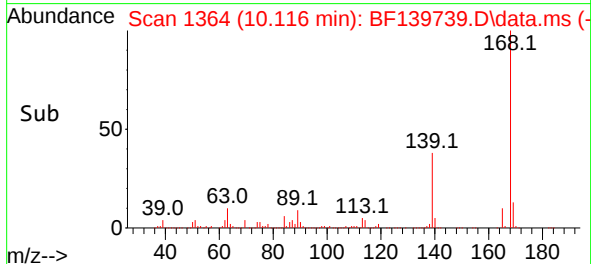
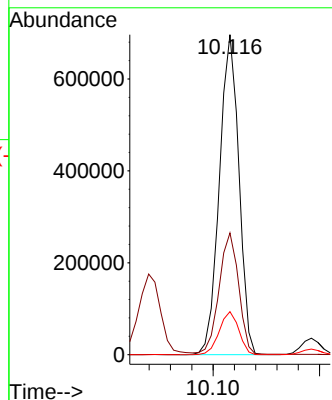
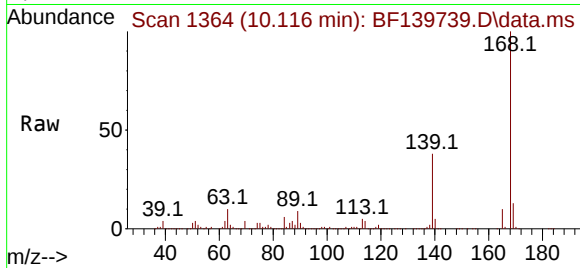




#55
Dibenzenofuran
Concen: 43.960 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

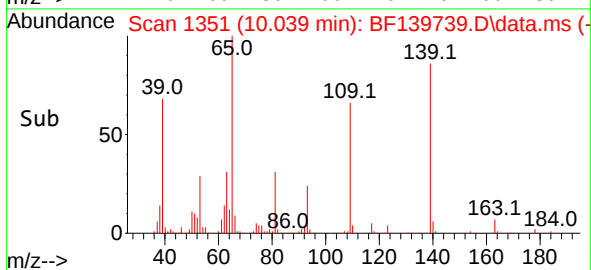
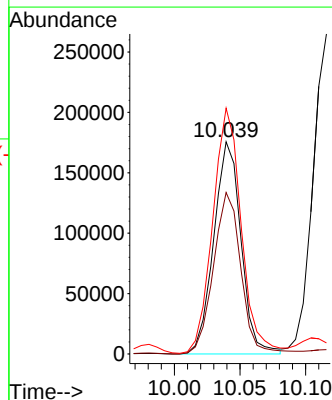
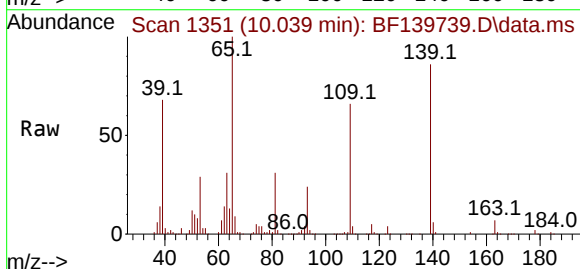
Instrument :
BNA_F
ClientSampleId :
PB164011BS

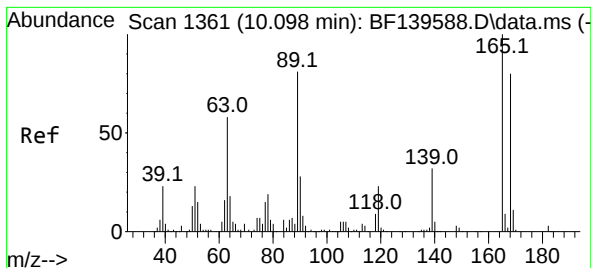
Tgt Ion:168 Resp: 883394
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 89.394 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:139 Resp: 253990
Ion Ratio Lower Upper
139 100
109 76.1 60.3 100.3
65 115.8 100.8 140.8

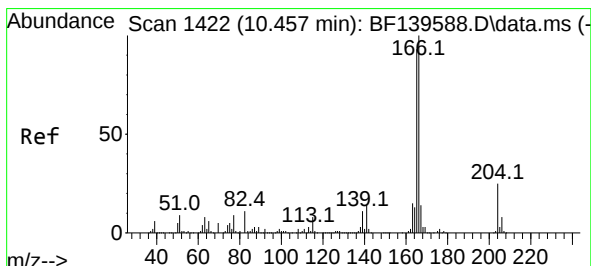
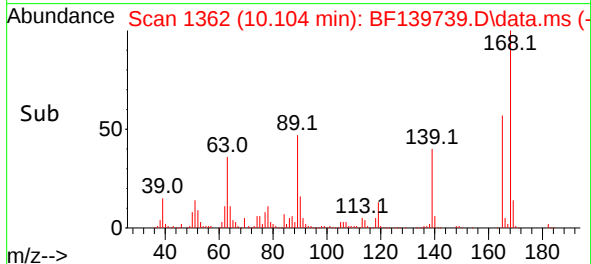
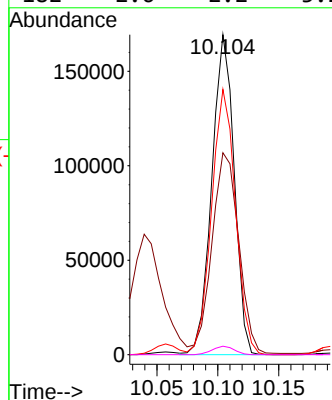
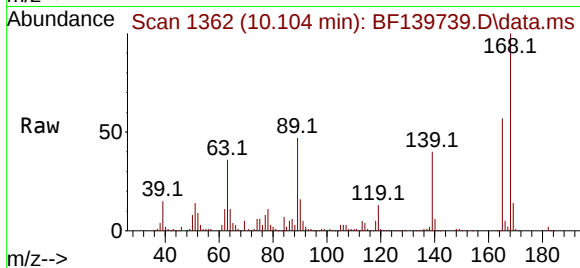




#57
2,4-Dinitrotoluene
Concen: 45.380 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

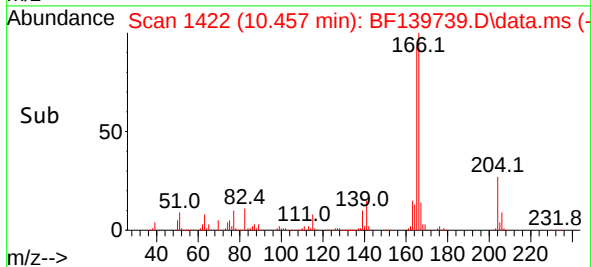
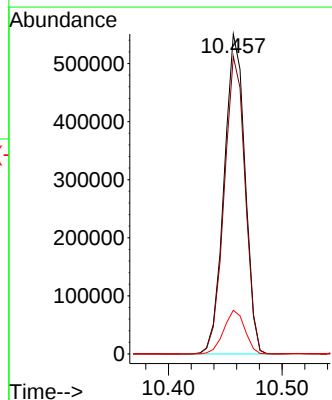
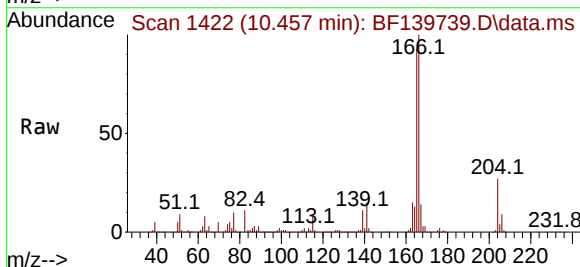
Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:165 Resp: 216262
Ion Ratio Lower Upper
165 100
63 63.1 46.9 70.3
89 82.9 64.4 96.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 43.980 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:166 Resp: 703924
Ion Ratio Lower Upper
166 100
165 93.0 74.4 111.6
167 13.7 10.9 16.3



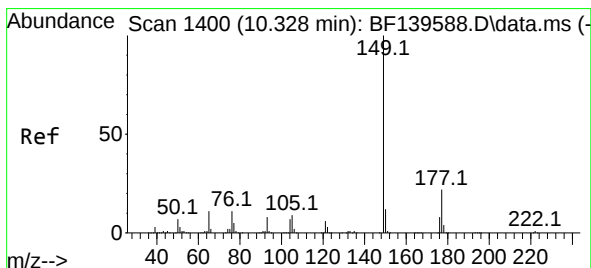
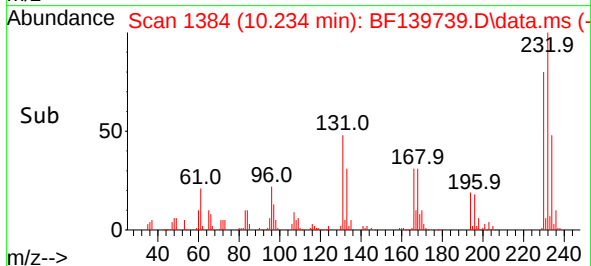
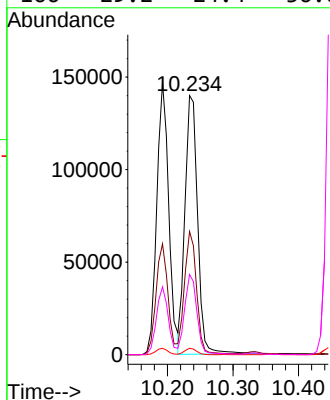
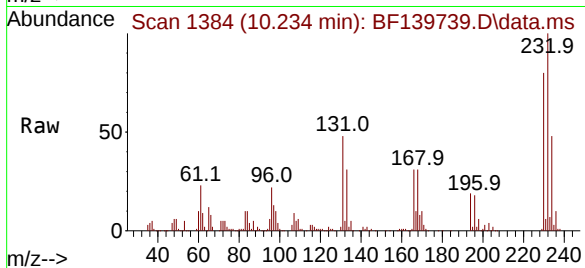


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.597 ng
RT: 10.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:232 Resp: 187322

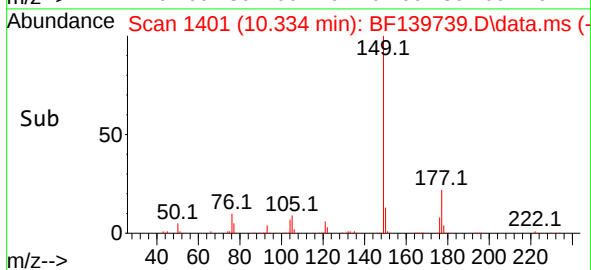
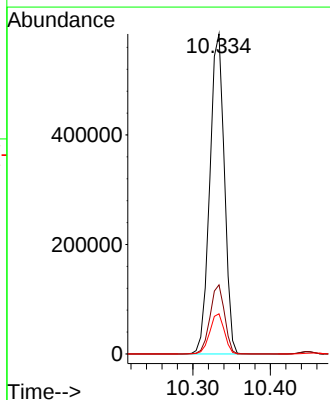
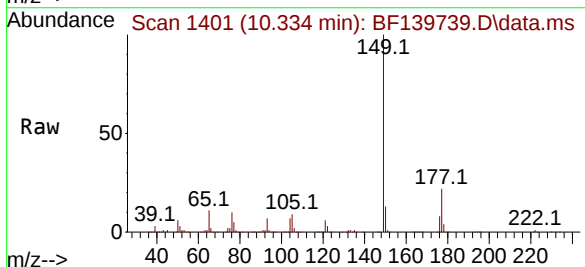
Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.8	56.6
130	2.3	1.9	2.9
166	29.2	24.4	36.6

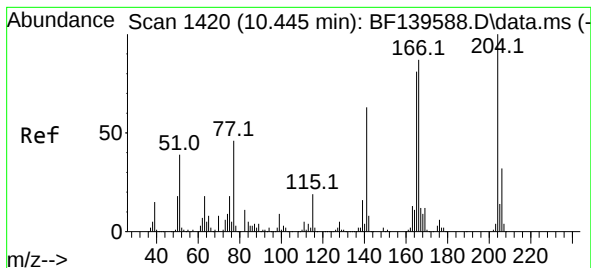


#60
Diethylphthalate
Concen: 45.764 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:149 Resp: 762903

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.0
150	12.5	10.0	15.0

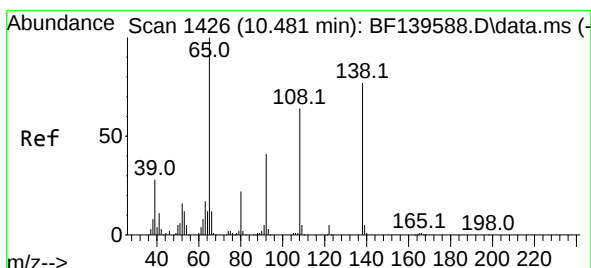
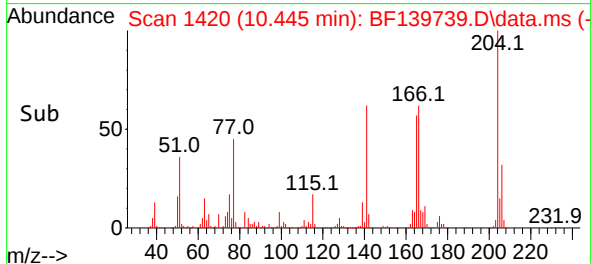
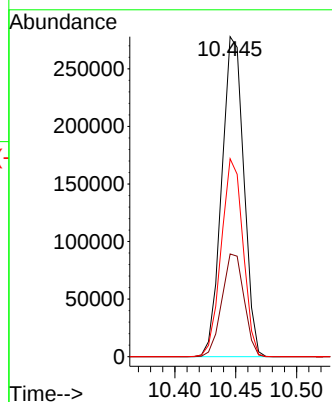
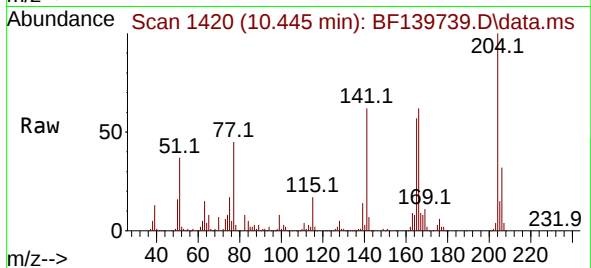




#61
4-Chlorophenyl-phenylether
Concen: 43.806 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

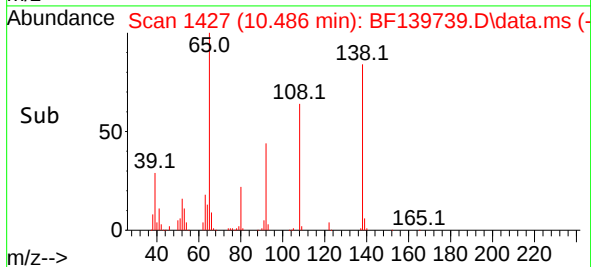
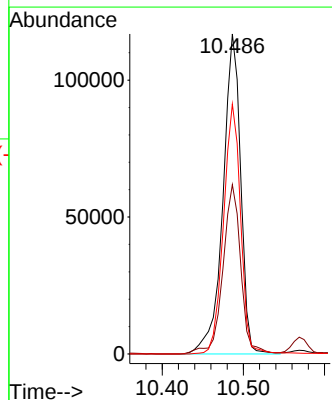
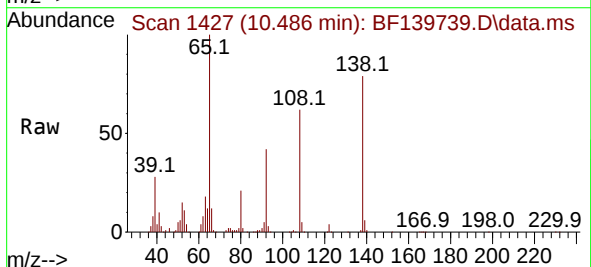
Instrument :
BNA_F
ClientSampleId :
PB164011BS

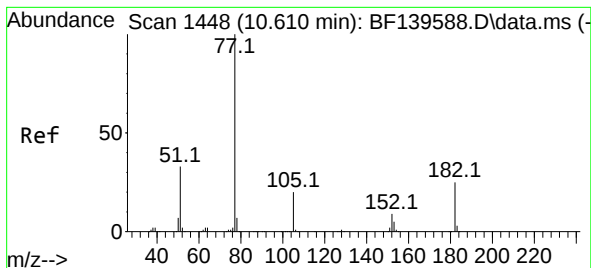
Tgt Ion:204 Resp: 350772
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 61.8 50.5 75.7



#62
4-Nitroaniline
Concen: 46.530 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:138 Resp: 177325
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 78.1 62.1 102.1





#63

Azobenzene

Concen: 44.905 ng

RT: 10.610 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

Tgt Ion: 77 Resp: 752821

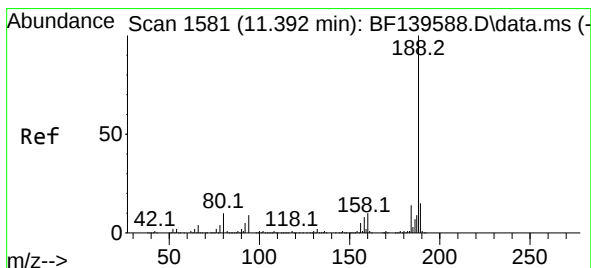
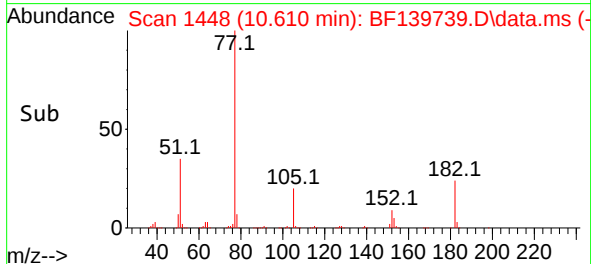
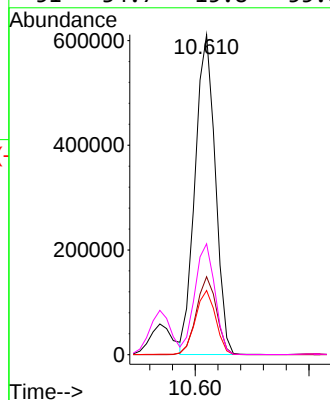
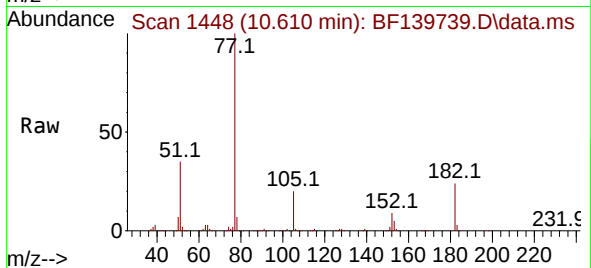
Ion Ratio Lower Upper

77 100

182 24.3 4.2 44.2

105 20.1 0.0 39.6

51 34.7 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

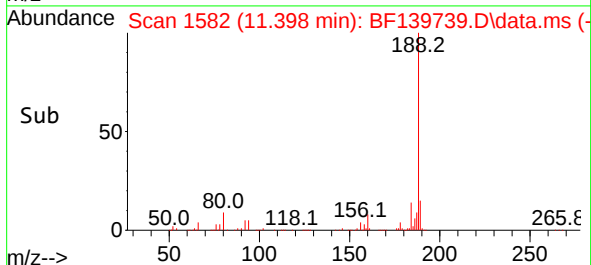
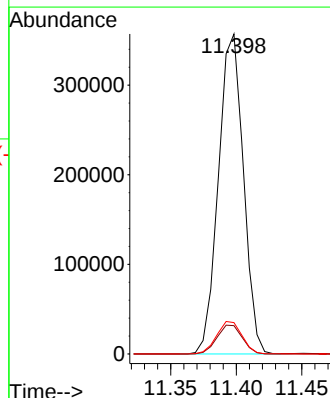
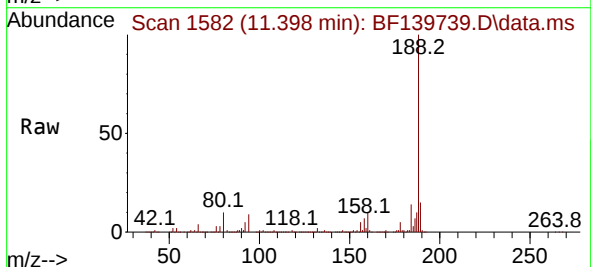
Tgt Ion: 188 Resp: 472713

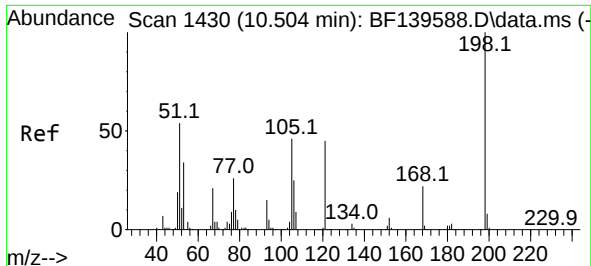
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.8 8.2 12.2

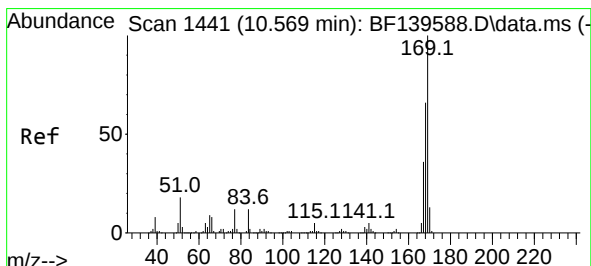
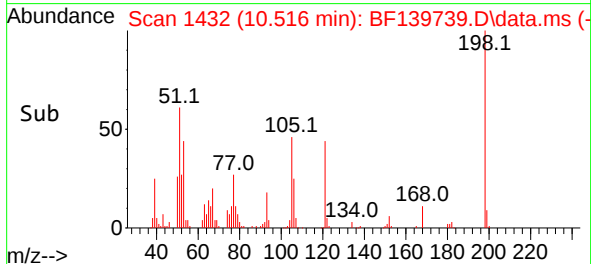
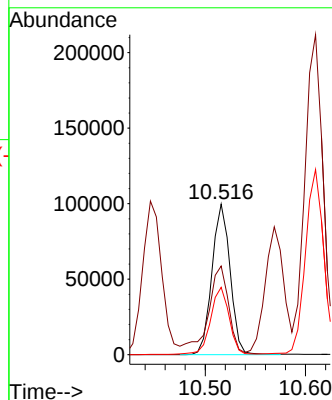
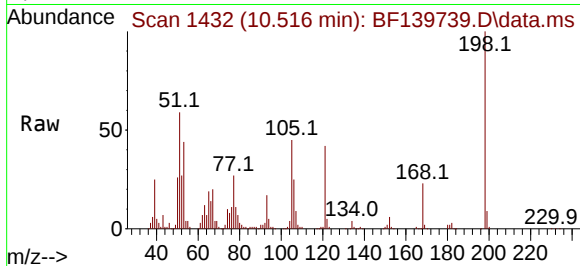




#65
4,6-Dinitro-2-methylphenol
Concen: 47.057 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

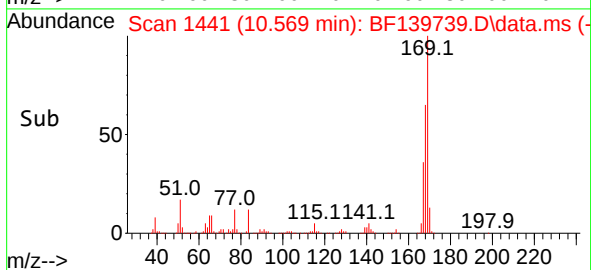
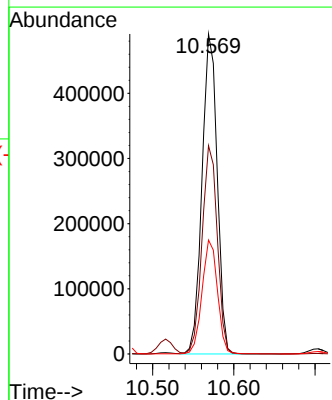
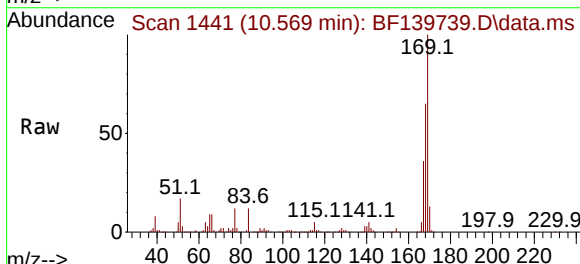
Instrument :
BNA_F
ClientSampleId :
PB164011BS

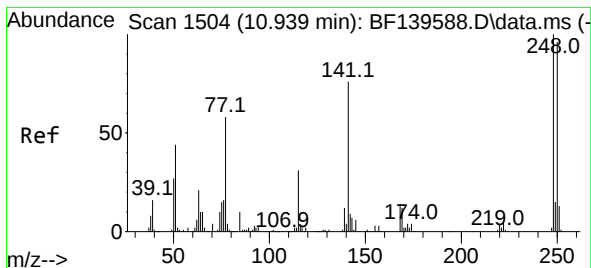
Tgt Ion:198 Resp: 125632
Ion Ratio Lower Upper
198 100
51 58.9 43.0 83.0
105 44.7 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 45.703 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:169 Resp: 636814
Ion Ratio Lower Upper
169 100
168 65.1 53.2 79.8
167 35.6 28.6 43.0

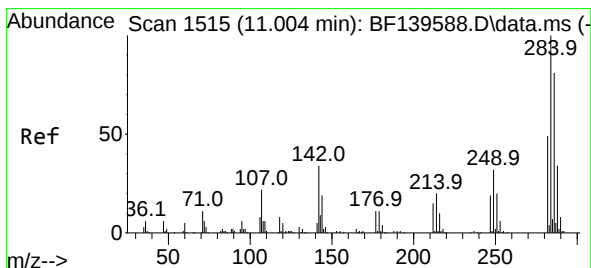
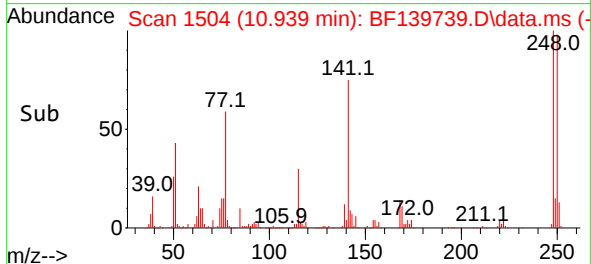
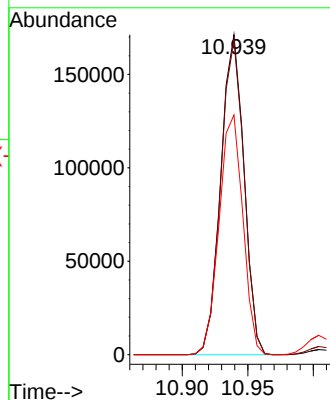
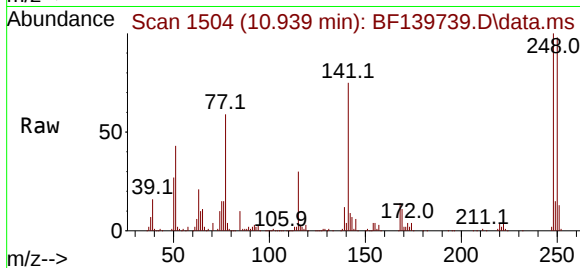




#67
4-Bromophenyl-phenylether
Concen: 43.626 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

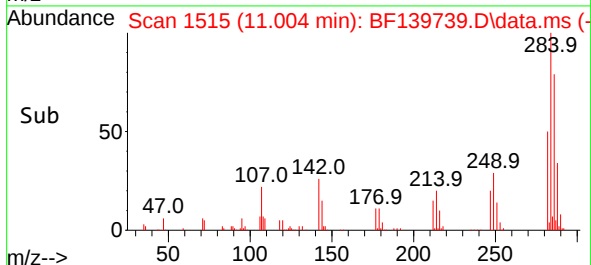
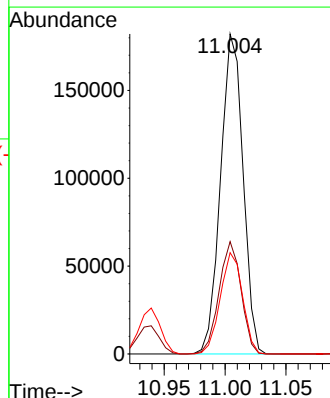
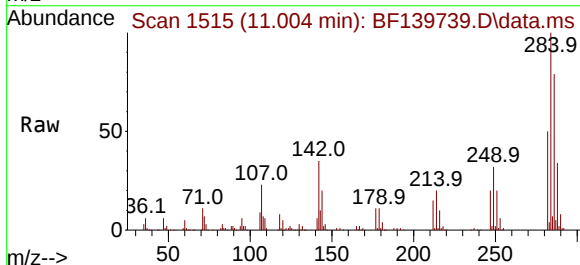
Instrument :
BNA_F
ClientSampleId :
PB164011BS

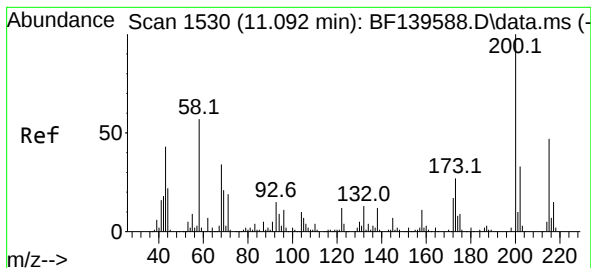
Tgt Ion:248 Resp: 211443
Ion Ratio Lower Upper
248 100
250 98.3 77.1 115.7
141 74.9 60.4 90.6



#68
Hexachlorobenzene
Concen: 43.530 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:284 Resp: 234115
Ion Ratio Lower Upper
284 100
142 35.1 26.9 40.3
249 31.6 25.4 38.0





#69

Atrazine

Concen: 58.010 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

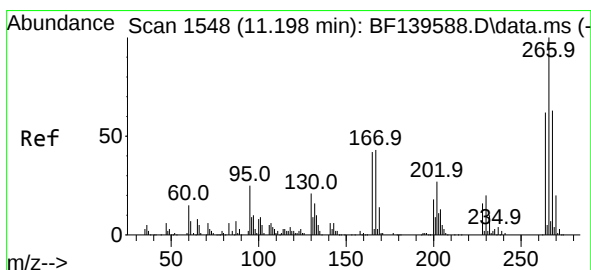
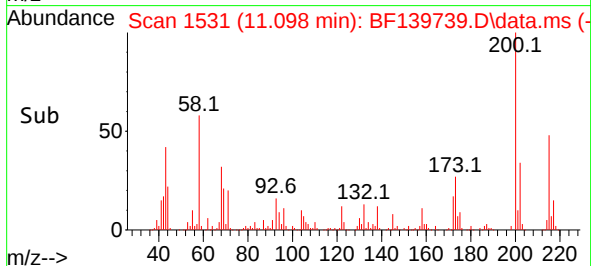
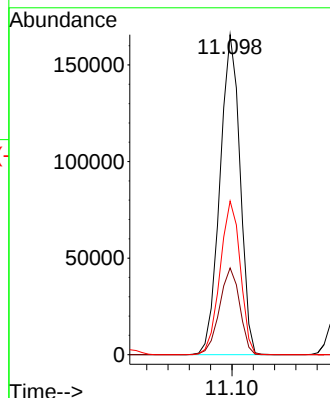
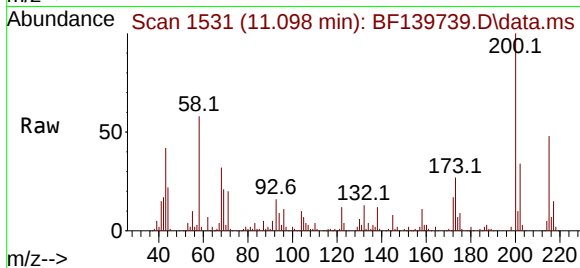
Tgt Ion:200 Resp: 216871

Ion Ratio Lower Upper

200 100

173 27.1 6.7 46.7

215 48.0 27.5 67.5



#70

Pentachlorophenol

Concen: 83.327 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

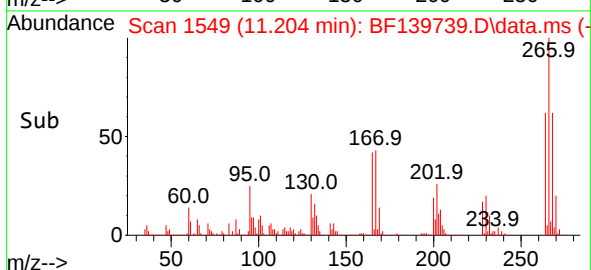
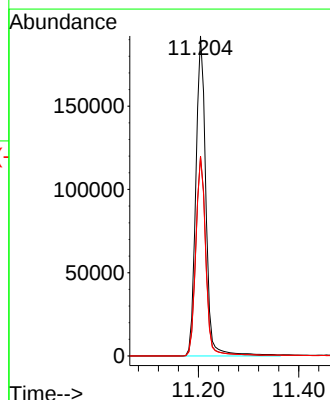
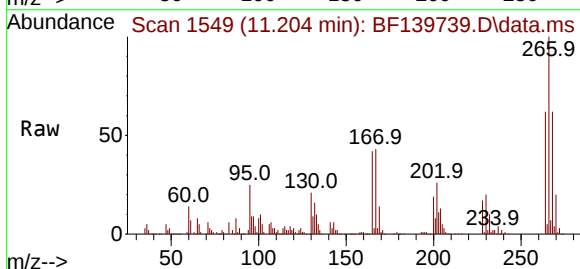
Tgt Ion:266 Resp: 266849

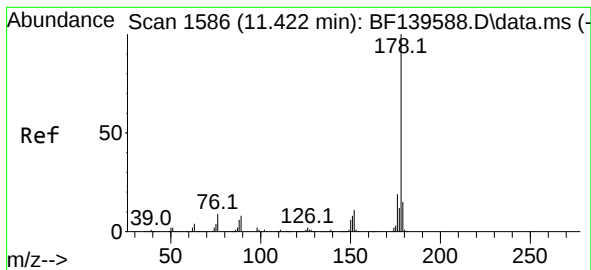
Ion Ratio Lower Upper

266 100

268 62.5 50.0 75.0

264 62.3 49.3 73.9





#71

Phenanthrene

Concen: 45.559 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

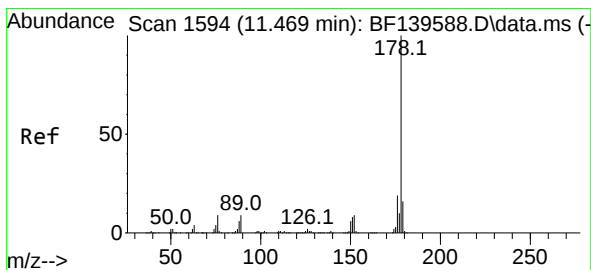
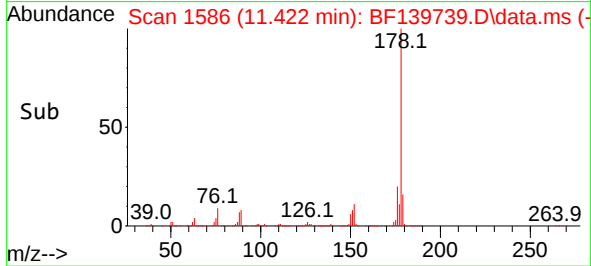
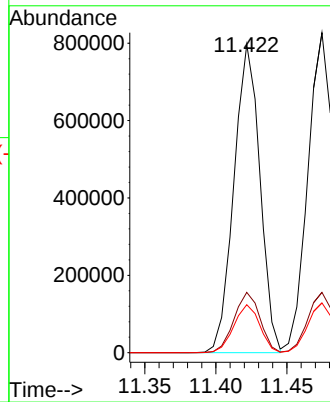
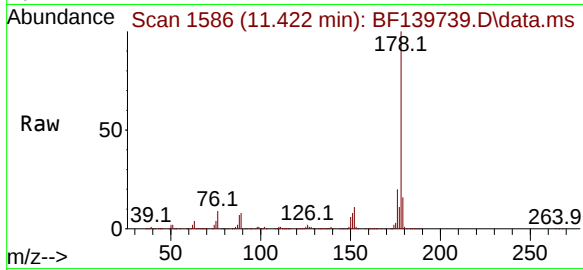
Tgt Ion:178 Resp: 1015445

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.6 12.3 18.5



#72

Anthracene

Concen: 47.468 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

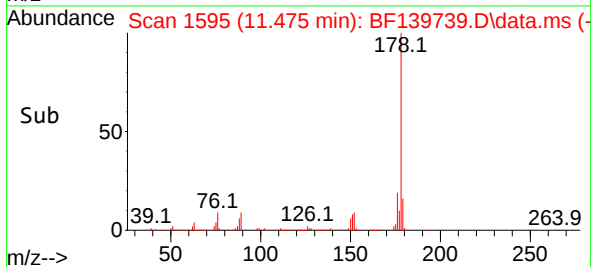
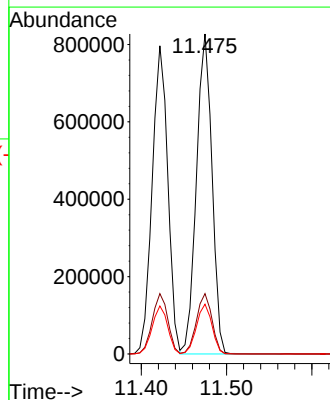
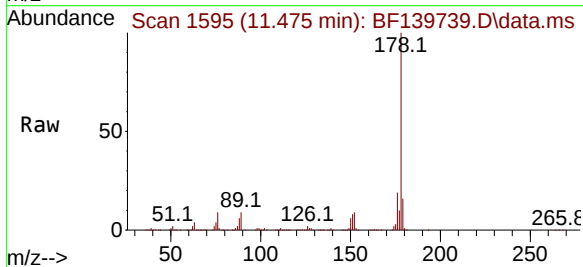
Tgt Ion:178 Resp: 1046680

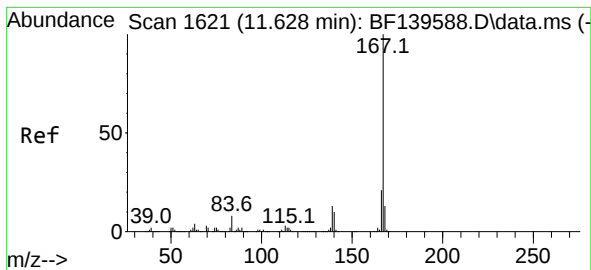
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.6 12.5 18.7





#73

Carbazole

Concen: 45.125 ng

RT: 11.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

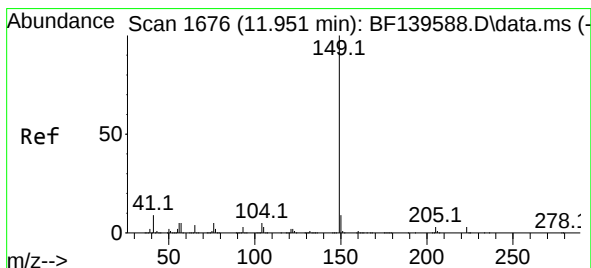
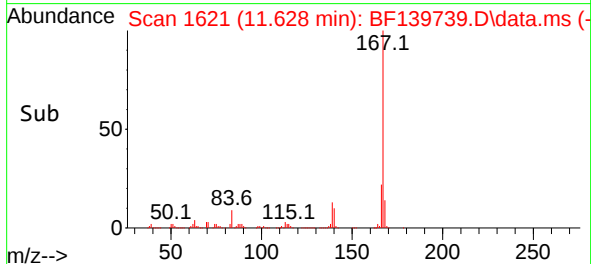
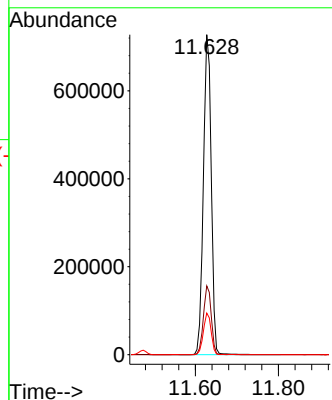
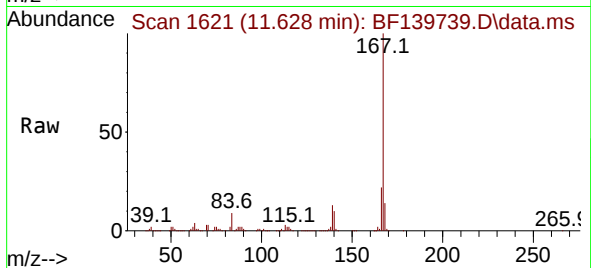
Tgt Ion:167 Resp: 955675

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 47.510 ng

RT: 11.951 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

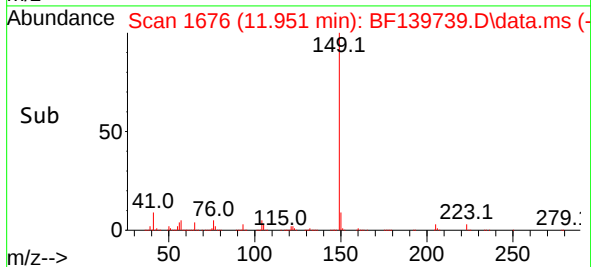
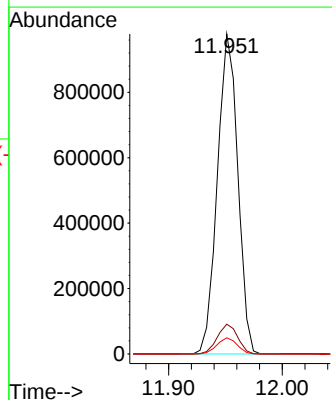
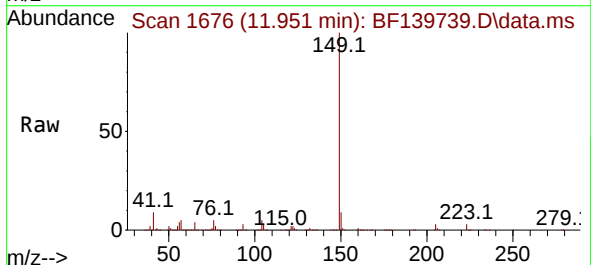
Tgt Ion:149 Resp: 1223550

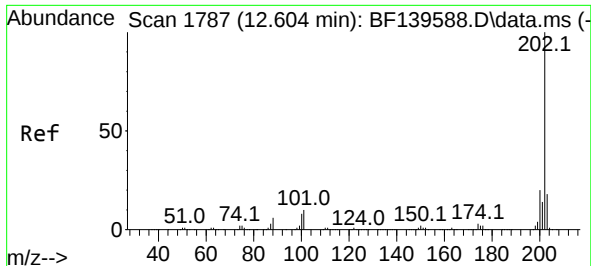
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1

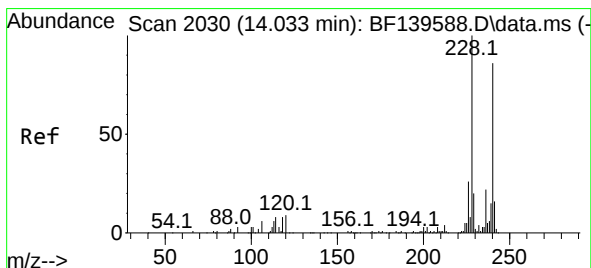
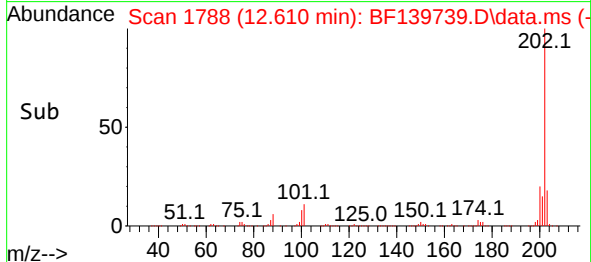
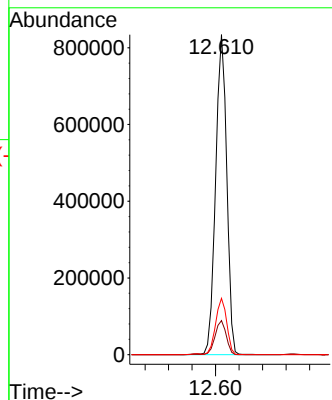
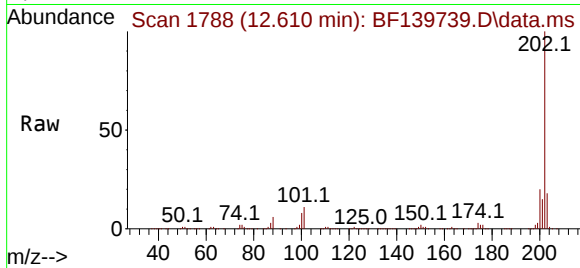




#75
Fluoranthene
Concen: 44.991 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

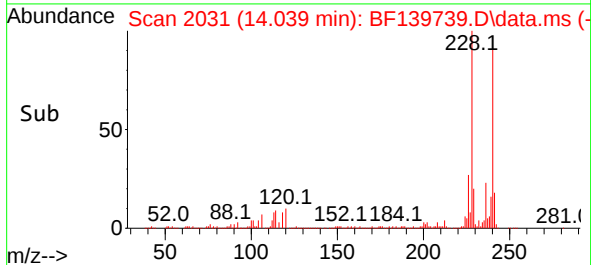
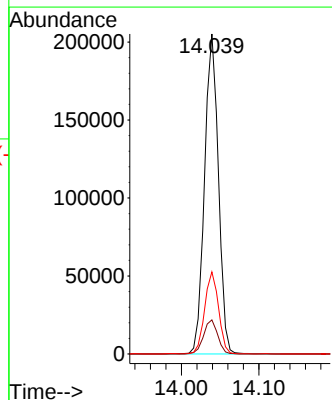
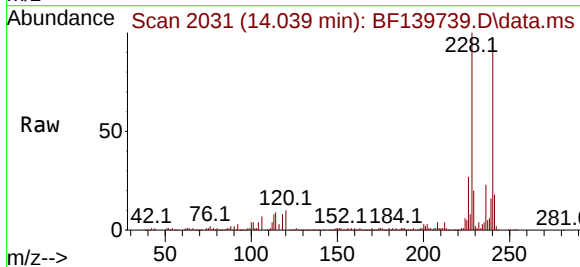
Instrument :
BNA_F
ClientSampleId :
PB164011BS

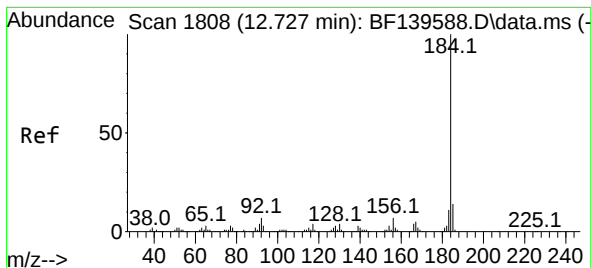
Tgt Ion:202 Resp: 1096212
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:240 Resp: 254740
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 25.7 20.3 30.5





#77

Benzidine

Concen: 81.547 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

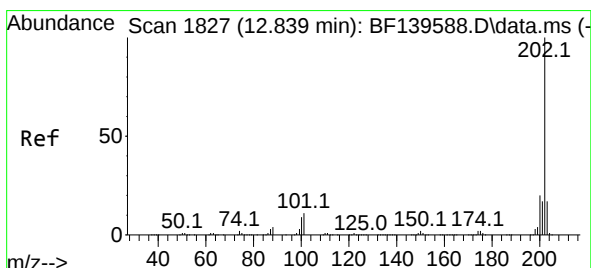
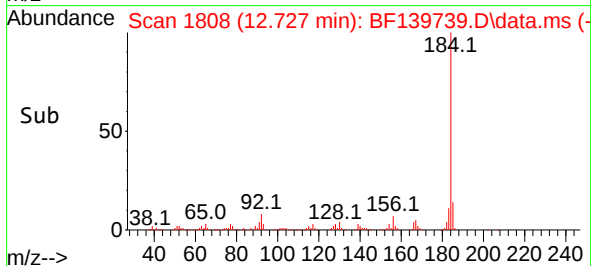
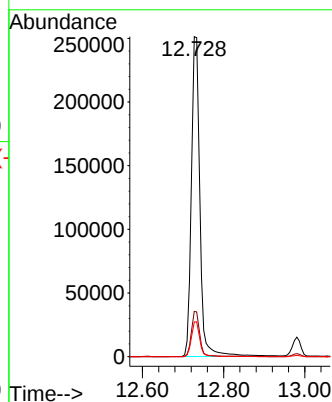
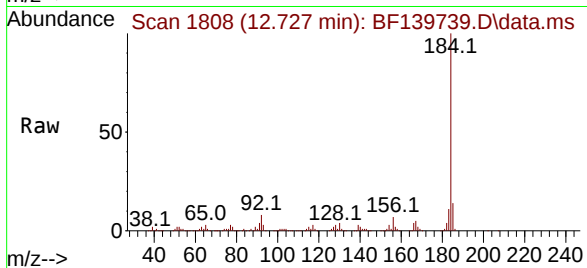
Tgt Ion:184 Resp: 366415

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 10.9 8.8 13.2



#78

Pyrene

Concen: 48.959 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

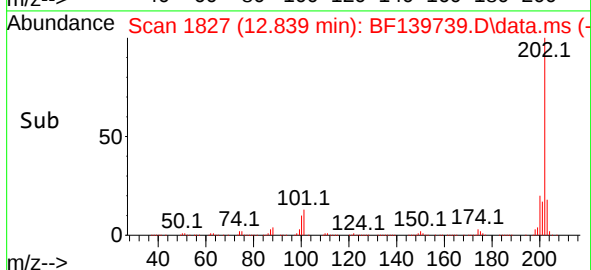
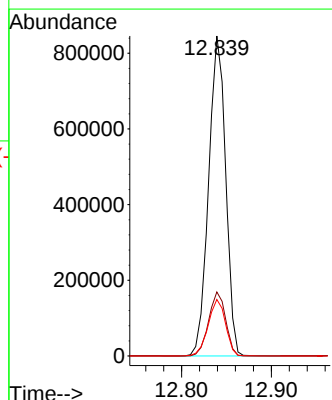
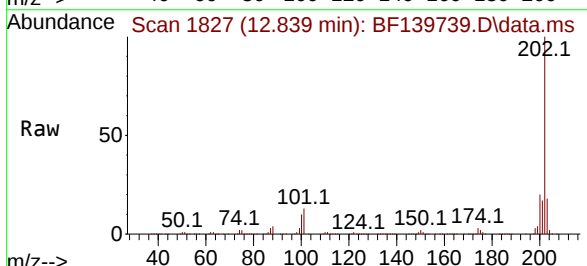
Tgt Ion:202 Resp: 1115458

Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.6

203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 100.713 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

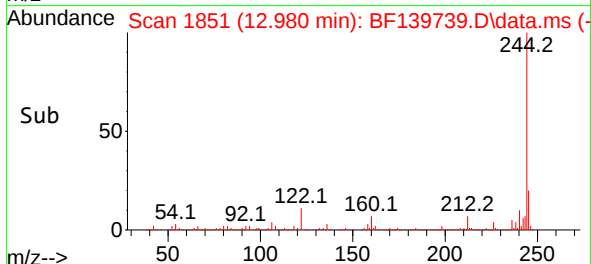
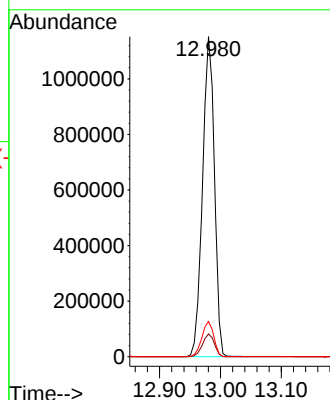
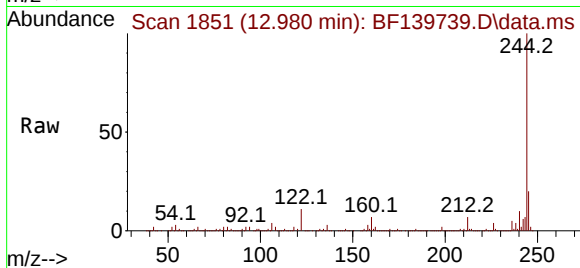
Tgt Ion:244 Resp: 1563577

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.0 8.6 12.8



#80

Butylbenzylphthalate

Concen: 53.231 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

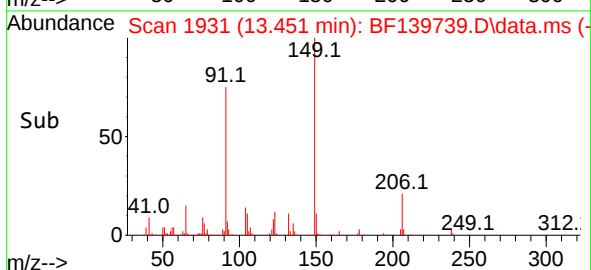
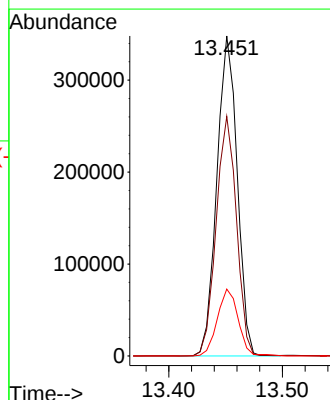
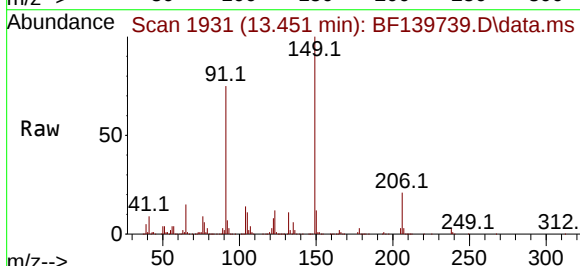
Tgt Ion:149 Resp: 433807

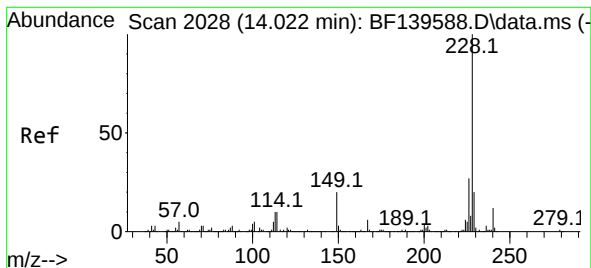
Ion Ratio Lower Upper

149 100

91 74.8 61.0 91.4

206 20.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 47.350 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

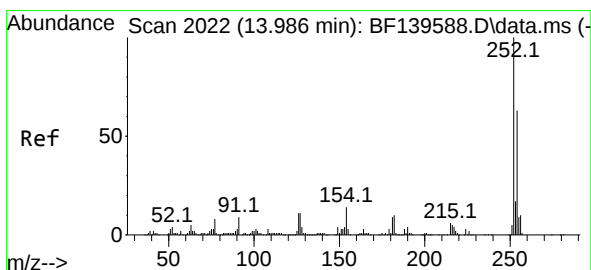
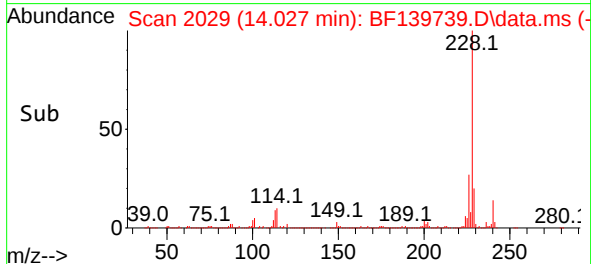
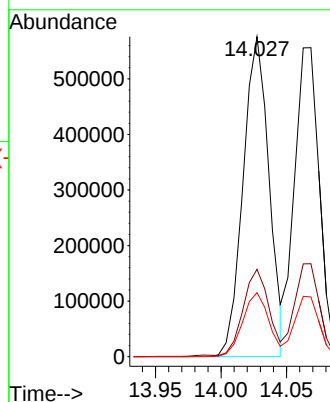
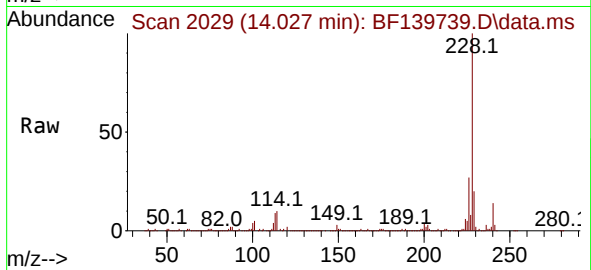
Tgt Ion:228 Resp: 793032

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 34.473 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

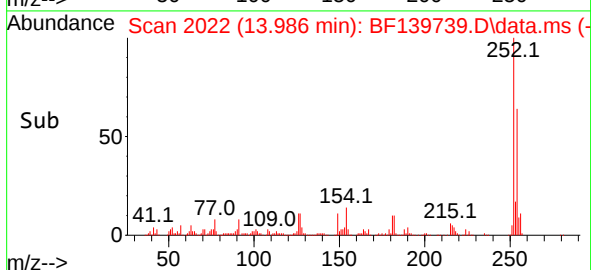
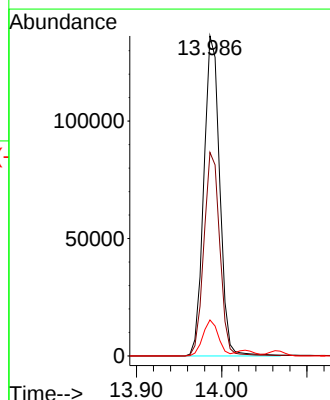
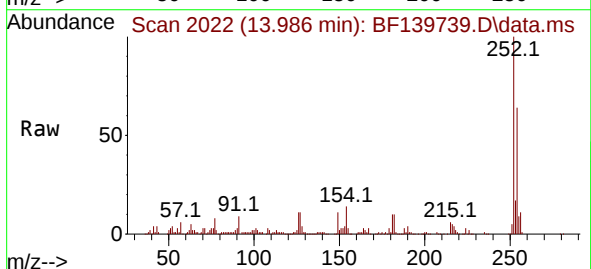
Tgt Ion:252 Resp: 176700

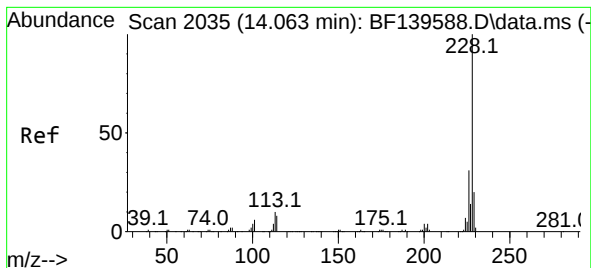
Ion Ratio Lower Upper

252 100

254 63.6 50.5 75.7

126 11.3 8.8 13.2





#83

Chrysene

Concen: 47.862 ng

RT: 14.069 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

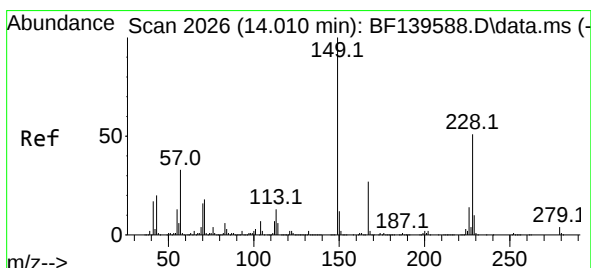
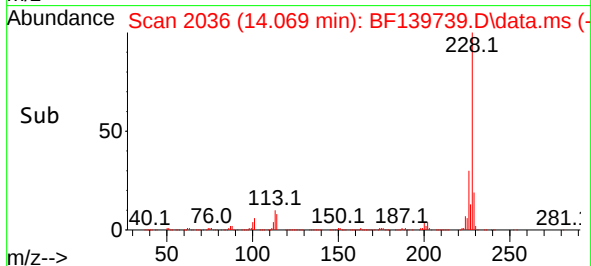
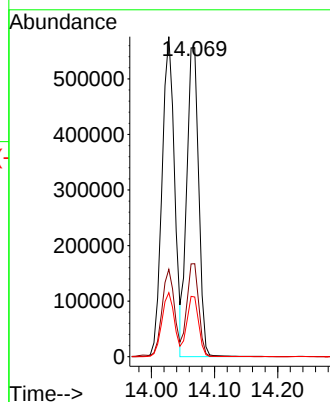
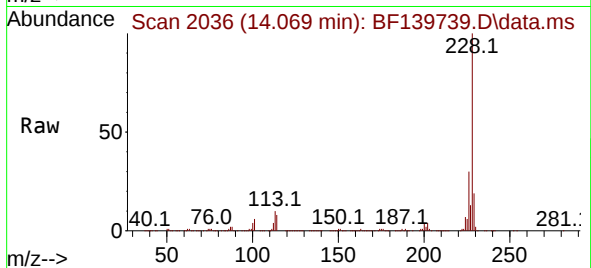
Tgt Ion:228 Resp: 732875

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.973 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

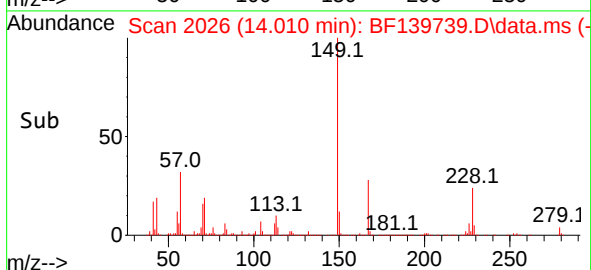
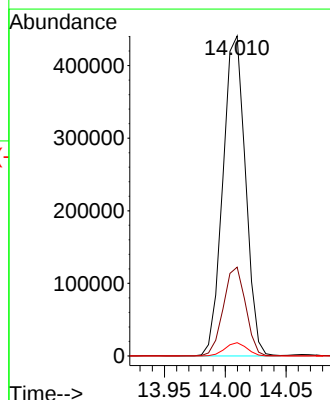
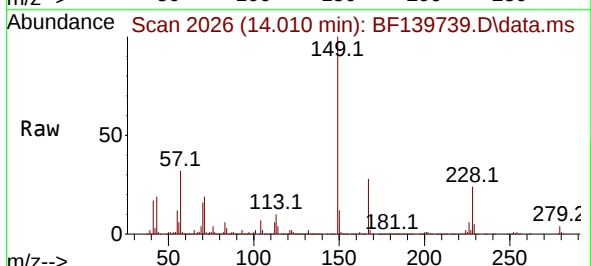
Tgt Ion:149 Resp: 569599

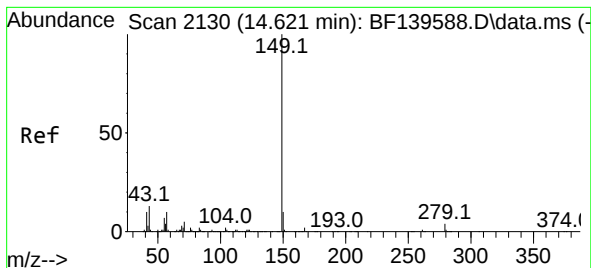
Ion Ratio Lower Upper

149 100

167 27.8 21.7 32.5

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.859 ng

RT: 14.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

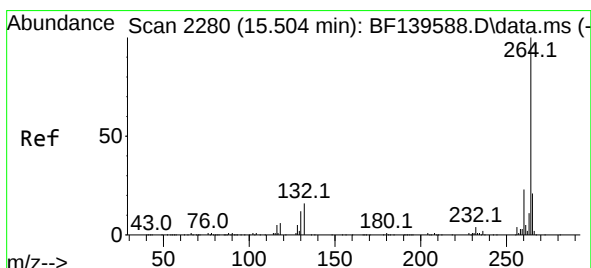
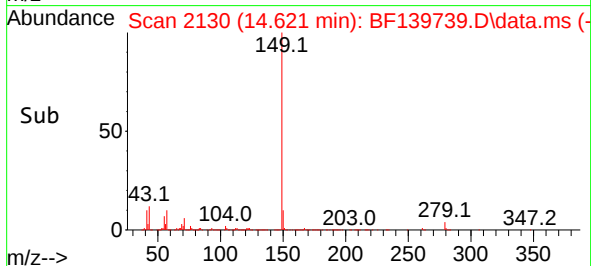
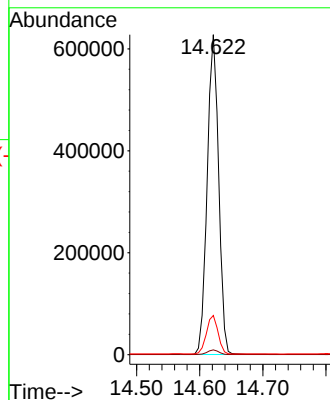
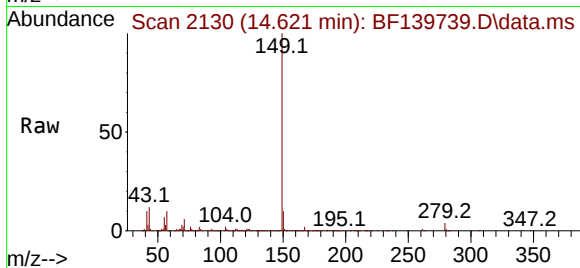
Tgt Ion:149 Resp: 790251

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.1 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

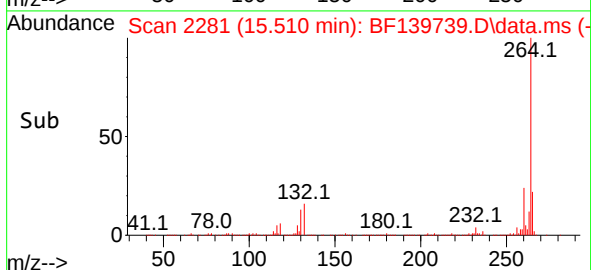
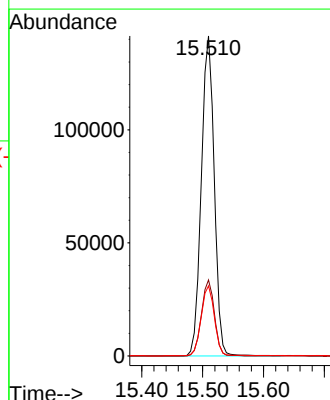
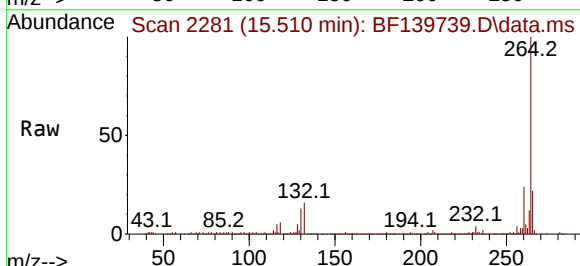
Tgt Ion:264 Resp: 208551

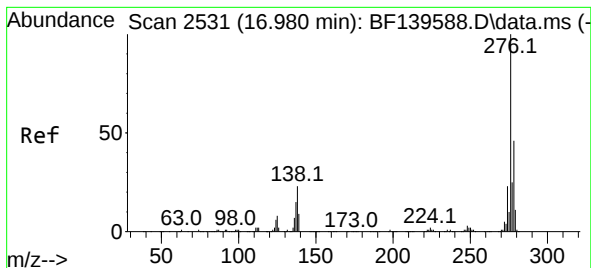
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.9 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.403 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

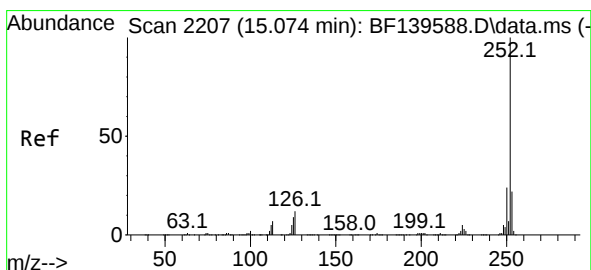
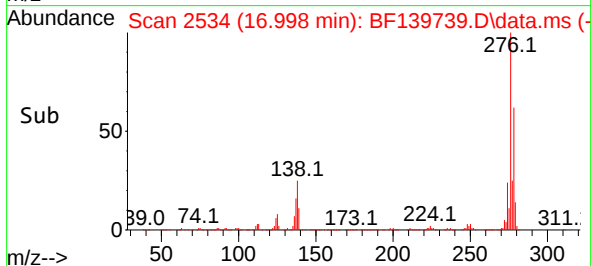
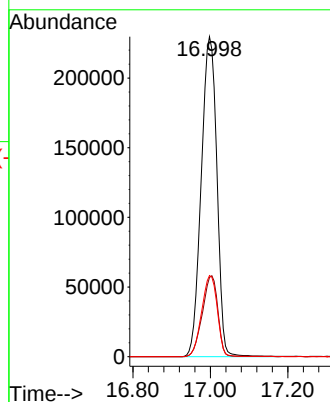
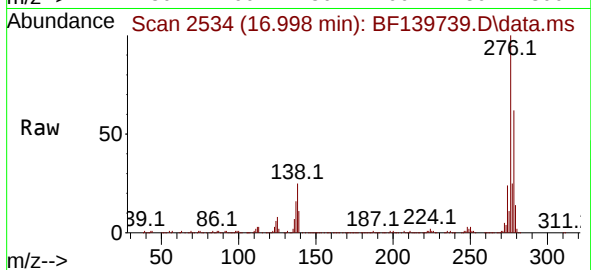
Tgt Ion:276 Resp: 643244

Ion Ratio Lower Upper

276 100

138 24.9 19.4 29.0

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.308 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

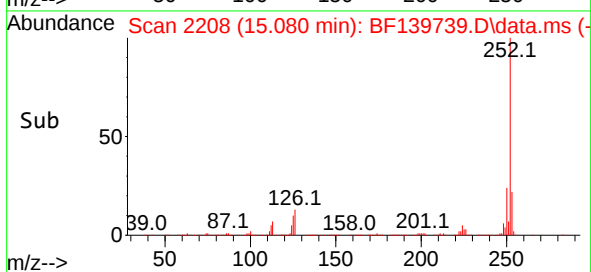
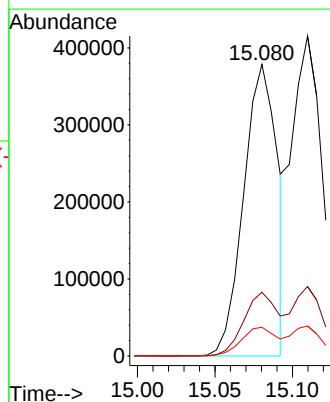
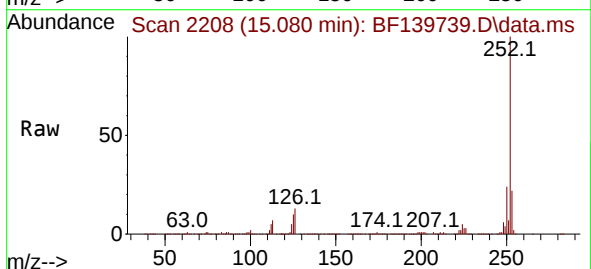
Tgt Ion:252 Resp: 570507

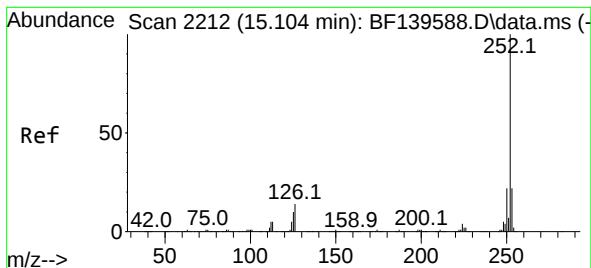
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.772 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB164011BS

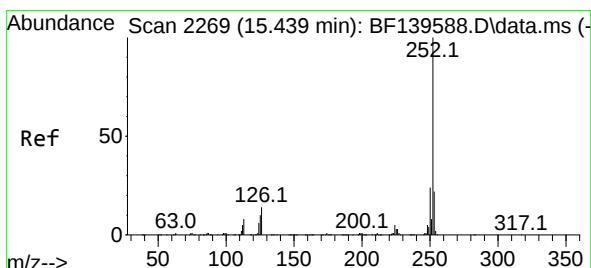
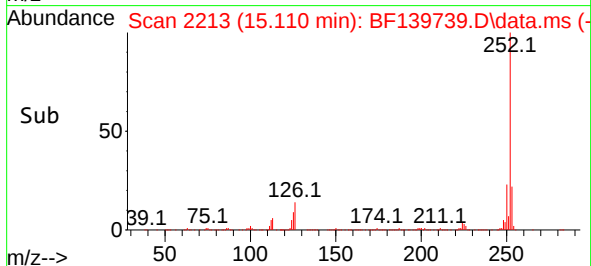
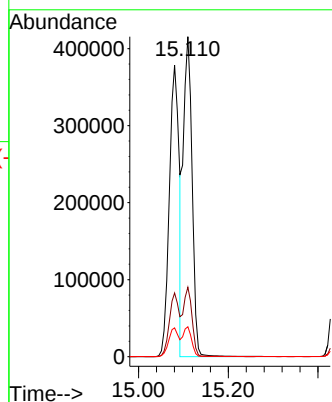
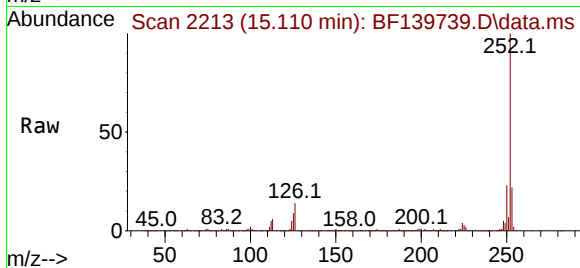
Tgt Ion:252 Resp: 569315

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.4 7.6 11.4



#90

Benzo(a)pyrene

Concen: 50.108 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF139739.D

Acq: 10 Oct 2024 11:32

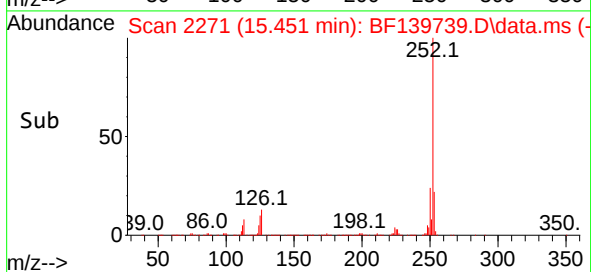
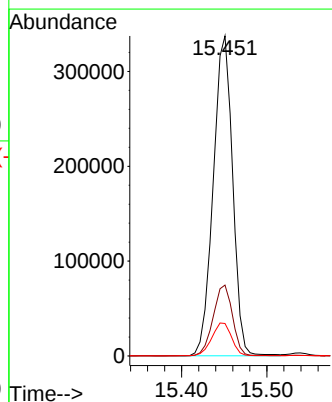
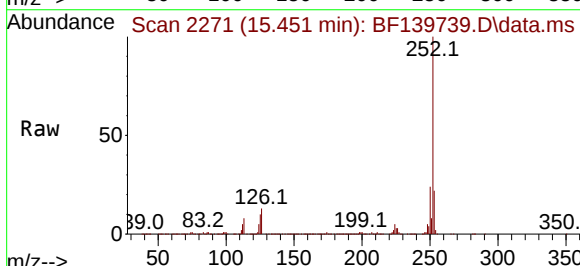
Tgt Ion:252 Resp: 532772

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.2 8.3 12.5

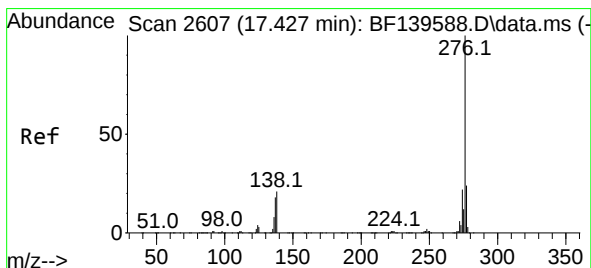
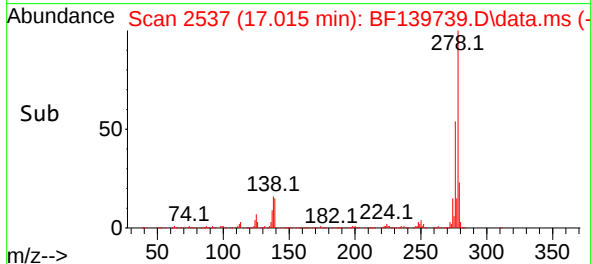
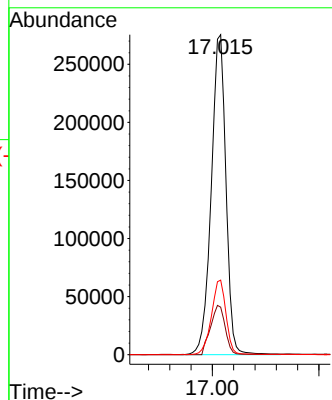
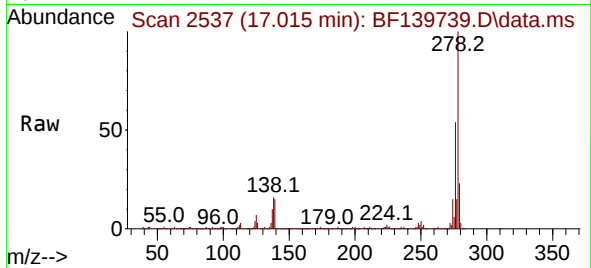




#91
Dibenzo(a,h)anthracene
Concen: 51.926 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB164011BS

Tgt Ion:278 Resp: 528652
Ion Ratio Lower Upper
278 100
139 14.9 12.2 18.4
279 23.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.603 ng
RT: 17.445 min Scan# 2610
Delta R.T. 0.018 min
Lab File: BF139739.D
Acq: 10 Oct 2024 11:32

Tgt Ion:276 Resp: 496260
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 21.1 17.0 25.6

