

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139772.D
 Acq On : 11 Oct 2024 13:51
 Operator : RC/JU
 Sample : P4364-11MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MS

Quant Time: Oct 11 14:16:45 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	83105	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	285627	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	126386	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	200180	20.000	ng	0.00
76) Chrysene-d12	14.033	240	168877	20.000	ng	0.00
86) Perylene-d12	15.510	264	133308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	551517	115.025	ng	0.02
7) Phenol-d6	6.516	99	686576	106.480	ng	0.01
23) Nitrobenzene-d5	7.434	82	440533	78.089	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	114650	93.971	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	675450	82.045	ng	0.00
79) Terphenyl-d14	12.975	244	549648	53.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	97933	47.243	ng	97
3) Pyridine	3.610	79	227404	45.106	ng	95
4) n-Nitrosodimethylamine	3.410	42	156199	47.332	ng	94
8) 2-Chlorophenol	6.663	128	247210	48.123	ng	97
9) Benzaldehyde	6.416	77	75225	22.024	ng	100
10) Phenol	6.528	94	315302	46.505	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	268678	48.670	ng	98
12) 1,3-Dichlorobenzene	6.810	146	268058	46.385	ng	98
13) 1,4-Dichlorobenzene	6.887	146	269011	45.961	ng	99
14) 1,2-Dichlorobenzene	7.040	146	253621	46.235	ng	98
15) Benzyl Alcohol	7.016	79	221233	44.906	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	431036	45.103	ng	54
17) 2-Methylphenol	7.134	107	186767	43.550	ng	# 93
18) Hexachloroethane	7.381	117	95480	43.735	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	188099	45.375	ng	98
20) 3+4-Methylphenols	7.287	107	251341	46.660	ng	# 78
22) Acetophenone	7.275	105	340032	50.153	ng	# 89
24) Nitrobenzene	7.451	77	270261	46.264	ng	100
25) Isophorone	7.693	82	473944	47.301	ng	100
26) 2-Nitrophenol	7.769	139	119494	47.582	ng	95
27) 2,4-Dimethylphenol	7.810	122	175265	57.009	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	289866	48.446	ng	99
29) 2,4-Dichlorophenol	8.022	162	186325	46.465	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	203908	44.964	ng	99
31) Naphthalene	8.175	128	795214	54.453	ng	100
32) Benzoic acid	7.928	122	111013	36.314	ng	95
33) 4-Chloroaniline	8.257	127	94524	19.122	ng	98
34) Hexachlorobutadiene	8.287	225	135914	46.312	ng	99
35) Caprolactam	8.587	113	52662	40.039	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	178389	39.298	ng	98
37) 2-Methylnaphthalene	8.863	142	412670	43.387	ng	100
38) 1-Methylnaphthalene	8.963	142	380862	40.966	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	186137	53.037	ng	99
41) Hexachlorocyclopentadiene	9.010	237	28877	26.834	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	114622	48.448	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	115519	45.276	ng	98

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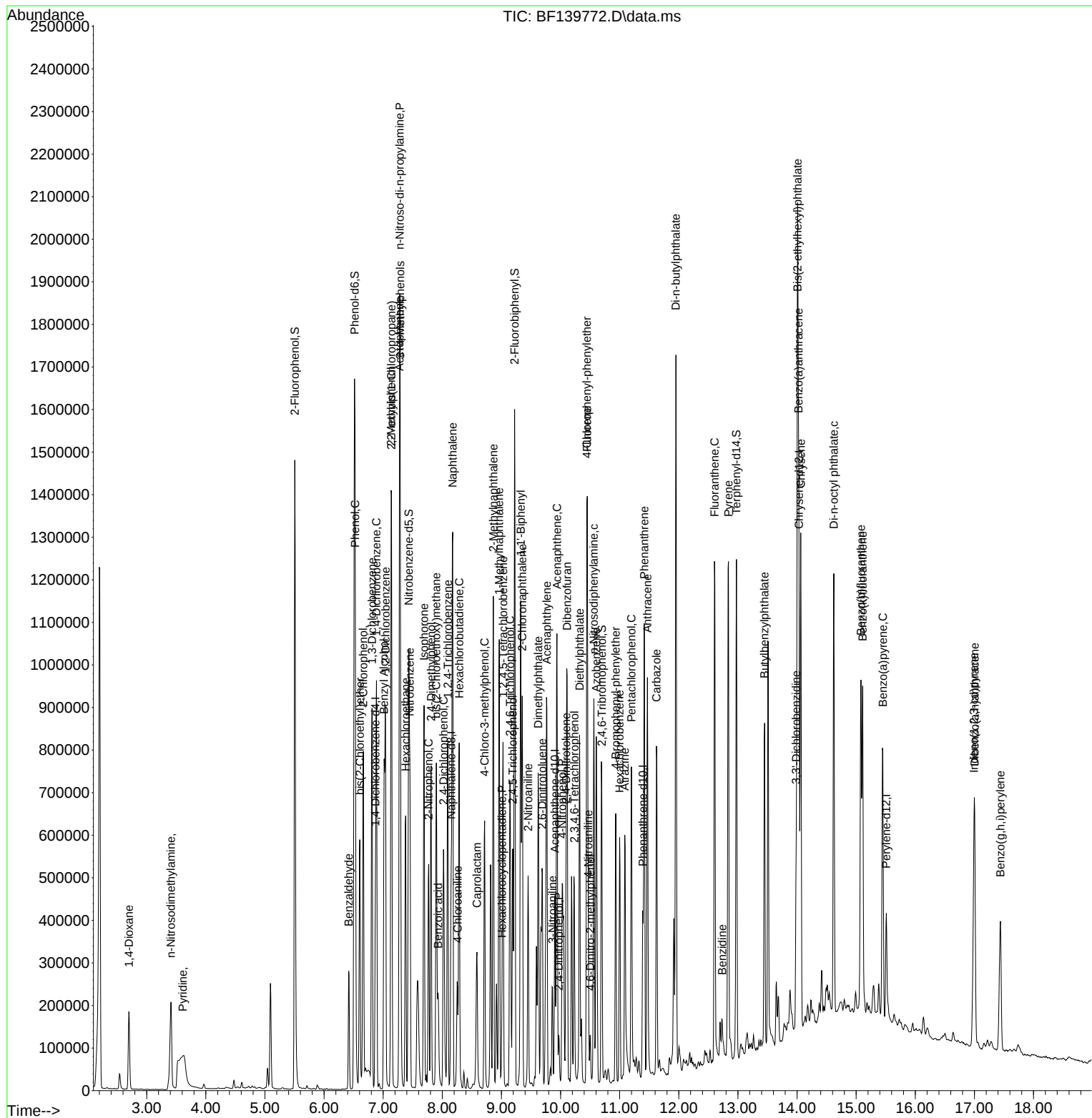
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.328	154	488422	51.959	ng	99
47) 2-Chloronaphthalene	9.351	162	348634	49.472	ng	98
48) 2-Nitroaniline	9.451	65	117713	46.533	ng	97
49) Acenaphthylene	9.769	152	538291	50.228	ng	100
50) Dimethylphthalate	9.622	163	420785	50.860	ng	100
51) 2,6-Dinitrotoluene	9.692	165	82589	44.191	ng	90
52) Acenaphthene	9.939	154	335123	45.550	ng	99
53) 3-Nitroaniline	9.863	138	47231	24.730	ng	93
54) 2,4-Dinitrophenol	9.969	184	22890	22.771	ng	98
55) Dibenzofuran	10.110	168	476458	46.253	ng	99
56) 4-Nitrophenol	10.028	139	114361	78.521	ng	93
57) 2,4-Dinitrotoluene	10.092	165	100457	41.122	ng	99
58) Fluorene	10.451	166	365907	44.598	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.234	232	87380	42.402	ng	95
60) Diethylphthalate	10.322	149	398882	46.678	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	179568	43.747	ng	96
62) 4-Nitroaniline	10.469	138	58364	29.876	ng	96
63) Azobenzene	10.604	77	424537	49.400	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	17641	15.604	ng	97
66) n-Nitrosodiphenylamine	10.563	169	302062	51.192	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	99897	48.672	ng	99
68) Hexachlorobenzene	10.998	284	104795	46.013	ng	98
69) Atrazine	11.086	200	87865	55.500	ng	99
70) Pentachlorophenol	11.198	266	117870	86.916	ng	99
71) Phenanthrene	11.416	178	546914	57.944	ng	100
72) Anthracene	11.469	178	488760	52.343	ng	100
73) Carbazole	11.622	167	448764	50.038	ng	100
74) Di-n-butylphthalate	11.951	149	1149673	105.418	ng	100
75) Fluoranthene	12.604	202	687223	66.605	ng	100
77) Benzidine	12.733	184	52505	17.626	ng	98
78) Pyrene	12.839	202	706938	46.804	ng	99
80) Butylbenzylphthalate	13.451	149	243170	45.010	ng	96
81) Benzo(a)anthracene	14.027	228	620596	55.894	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	118378	34.837	ng	98
83) Chrysene	14.063	228	547338	53.920	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	648538	96.133	ng	100
85) Di-n-octyl phthalate	14.621	149	654737	66.061	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	353011	44.991	ng	99
88) Benzo(b)fluoranthene	15.080	252	482956	56.031	ng	99
89) Benzo(k)fluoranthene	15.110	252	431374	58.998	ng	100
90) Benzo(a)pyrene	15.451	252	404820	59.564	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	276100	42.426	ng	99
92) Benzo(g,h,i)perylene	17.439	276	270531	41.450	ng	99

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

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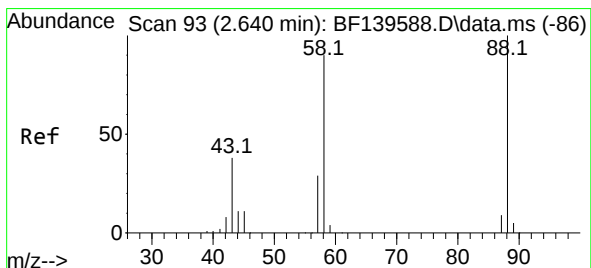
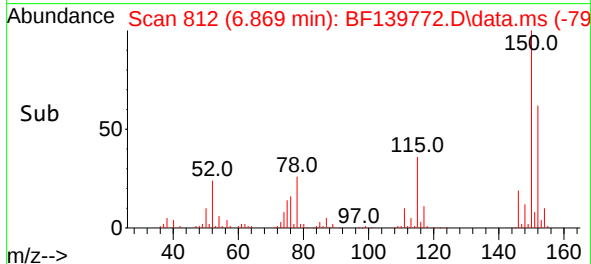
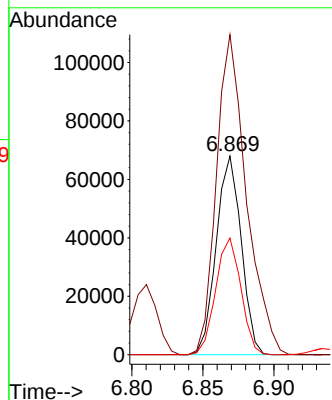
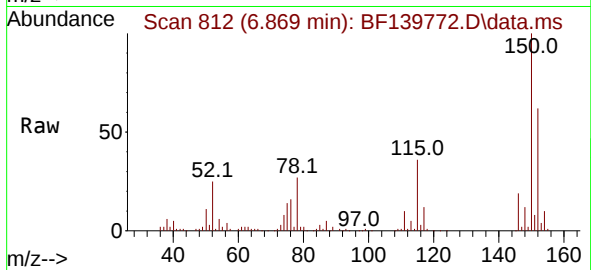




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

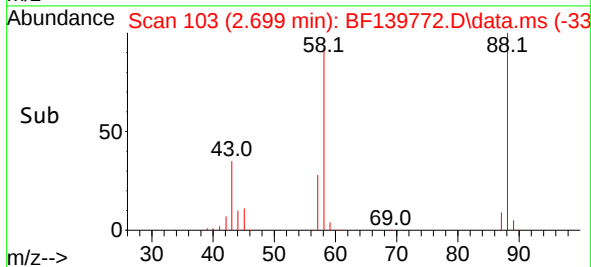
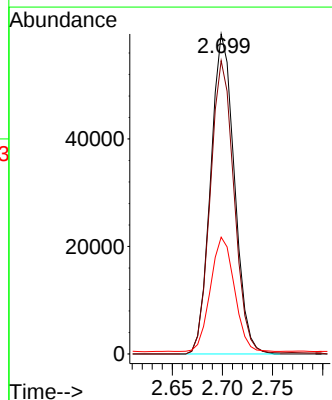
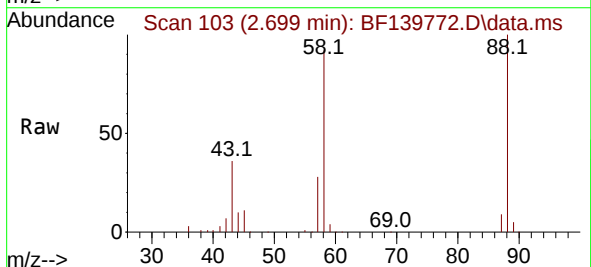
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MS

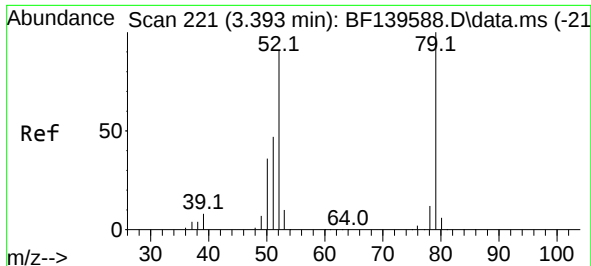
Tgt Ion:152 Resp: 83105
 Ion Ratio Lower Upper
 152 100
 150 161.1 127.2 190.8
 115 58.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 47.243 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.059 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

Tgt Ion: 88 Resp: 97933
 Ion Ratio Lower Upper
 88 100
 58 91.7 72.0 108.0
 43 35.9 30.8 46.2





#3

Pyridine

Concen: 45.106 ng

RT: 3.610 min Scan# 21

Delta R.T. 0.218 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

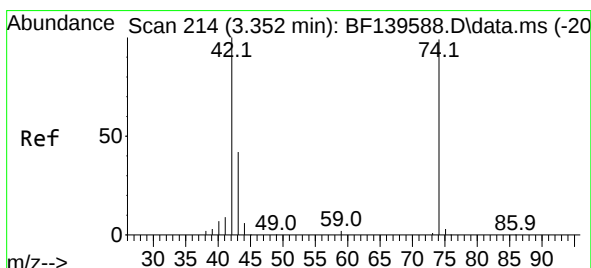
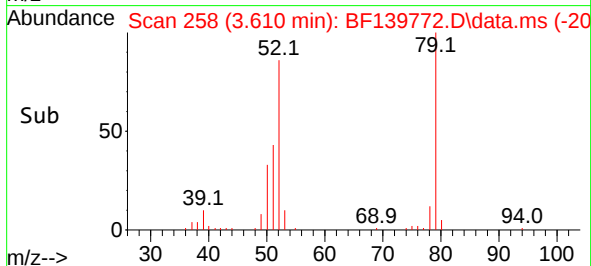
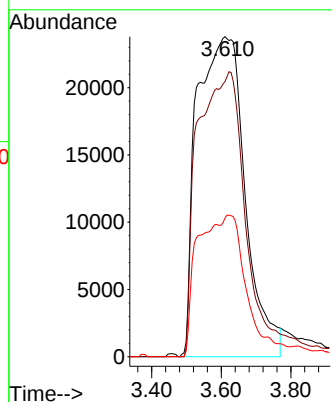
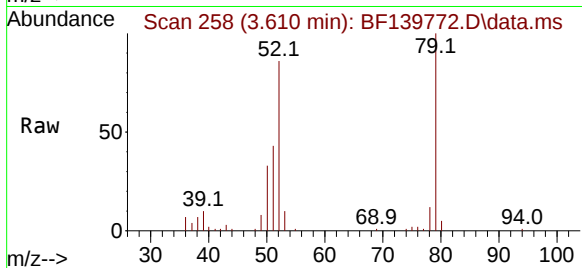
Tgt Ion: 79 Resp: 227404

Ion Ratio Lower Upper

79 100

52 86.0 72.6 109.0

51 43.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 47.332 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

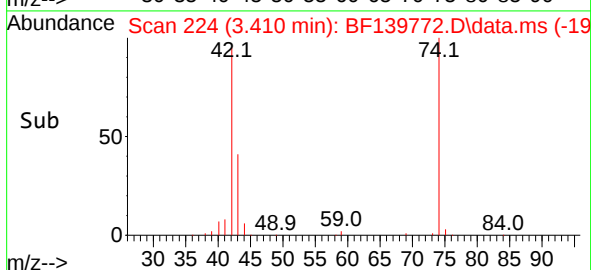
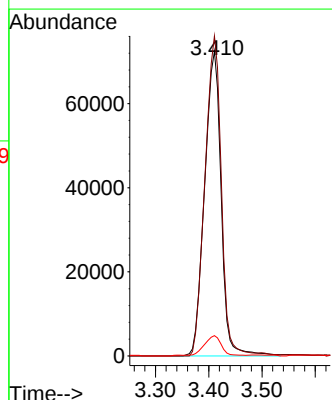
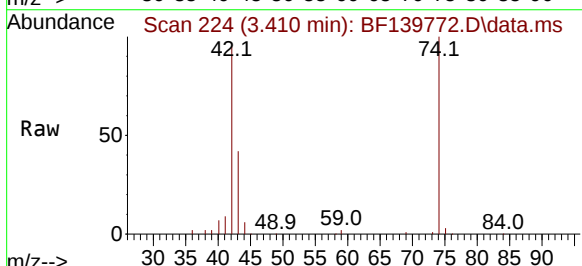
Tgt Ion: 42 Resp: 156199

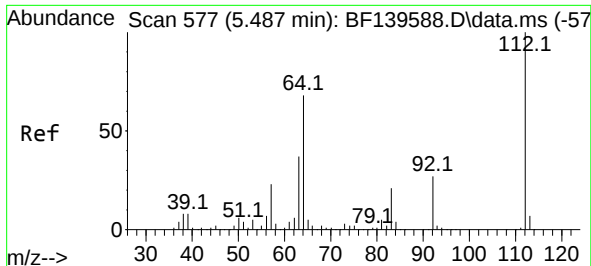
Ion Ratio Lower Upper

42 100

74 105.0 79.0 118.6

44 6.6 5.2 7.8

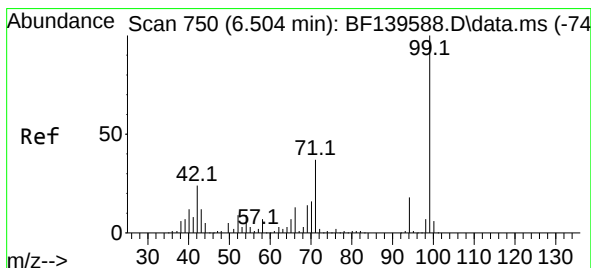
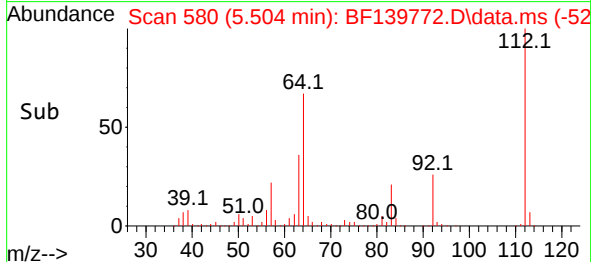
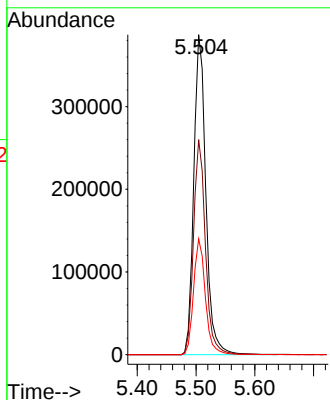
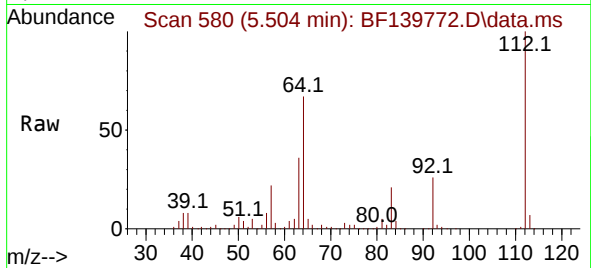




#5
2-Fluorophenol
Concen: 115.025 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

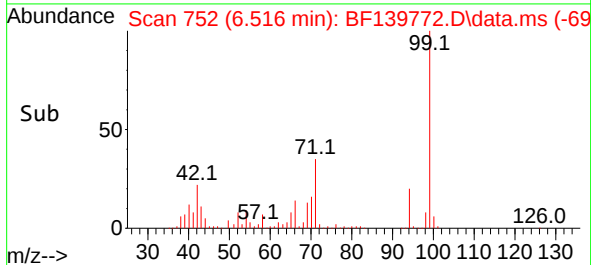
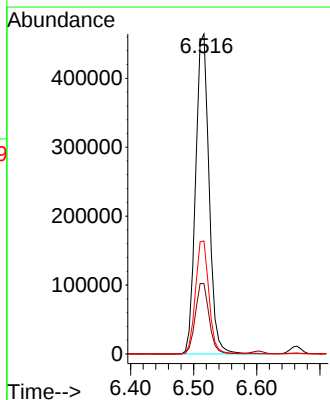
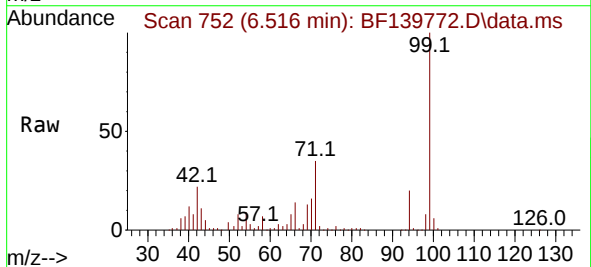
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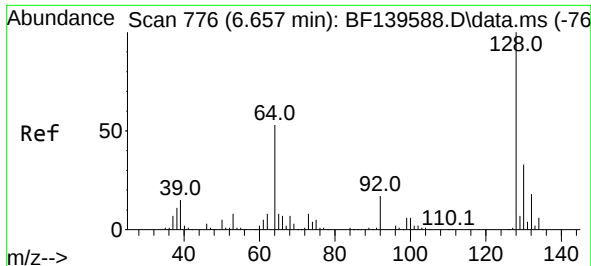
Tgt Ion:112 Resp: 551517
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.2 29.4 44.2



#7
Phenol-d6
Concen: 106.480 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 99 Resp: 686576
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.3 29.7 44.5

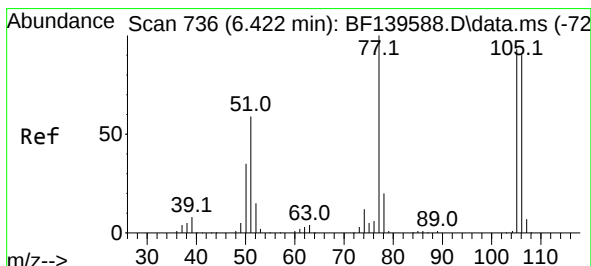
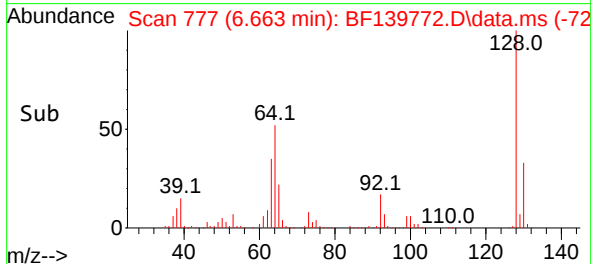
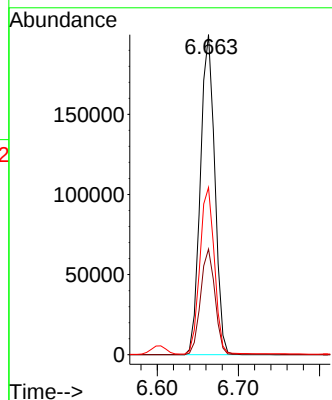
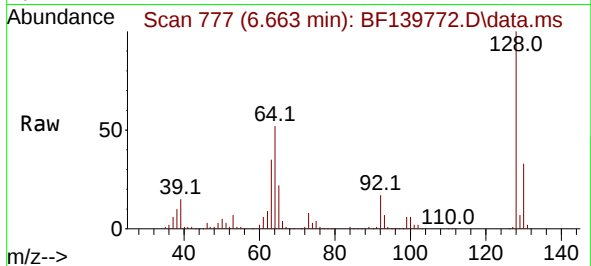




#8
2-Chlorophenol
Concen: 48.123 ng
RT: 6.663 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

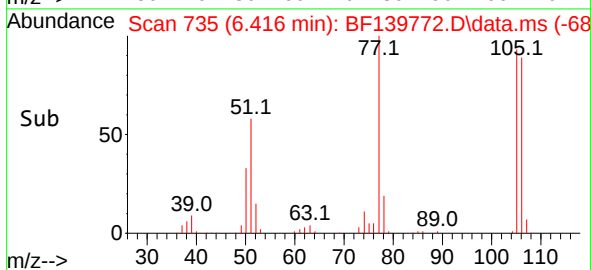
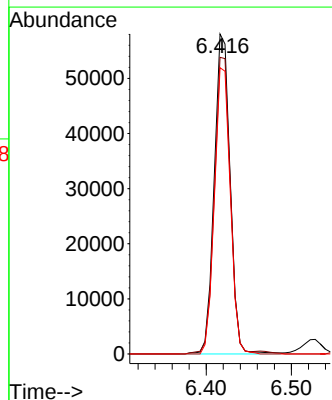
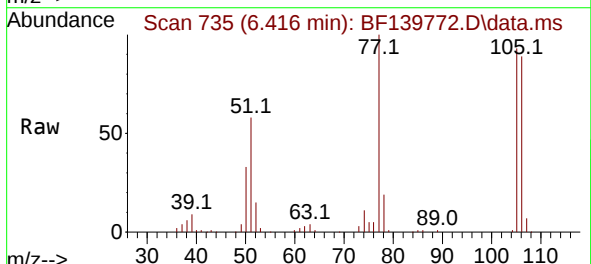
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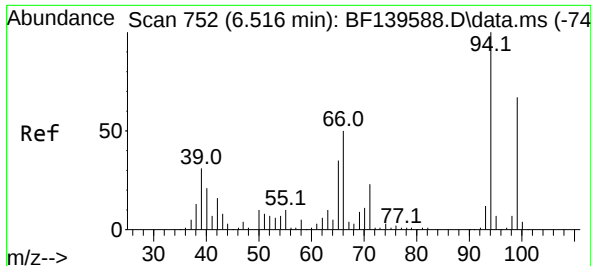
Tgt Ion:128 Resp: 247210
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 52.2 35.1 75.1



#9
Benzaldehyde
Concen: 22.024 ng
RT: 6.416 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 77 Resp: 75225
Ion Ratio Lower Upper
77 100
105 92.7 72.7 112.7
106 89.4 70.1 110.1





#10

Phenol

Concen: 46.505 ng

RT: 6.528 min Scan# 752

Delta R.T. 0.012 min

Lab File: BF139772.D

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Instrument :

BNA_F

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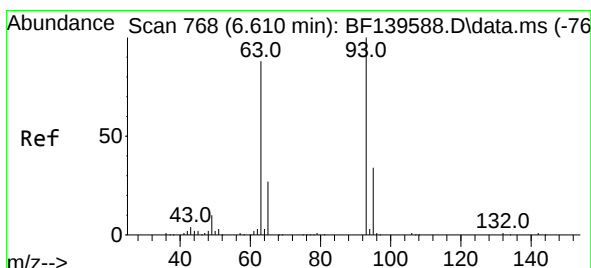
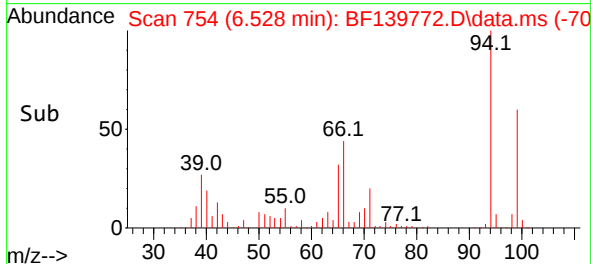
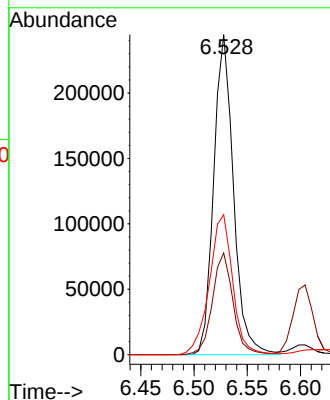
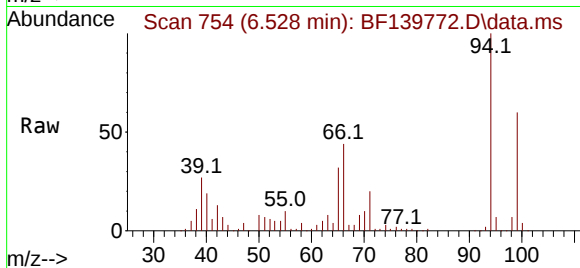
Tgt Ion: 94 Resp: 315302

Ion Ratio Lower Upper

94 100

65 31.8 15.3 55.3

66 43.7 30.5 70.5



#11

bis(2-Chloroethyl)ether

Concen: 48.670 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.006 min

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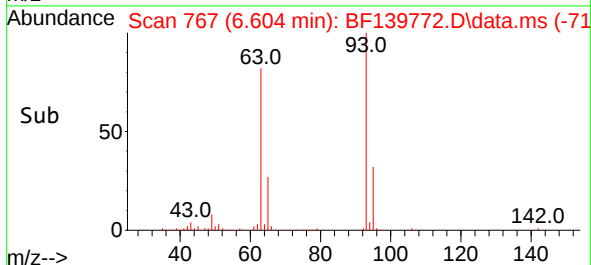
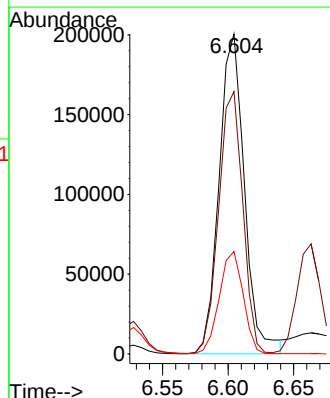
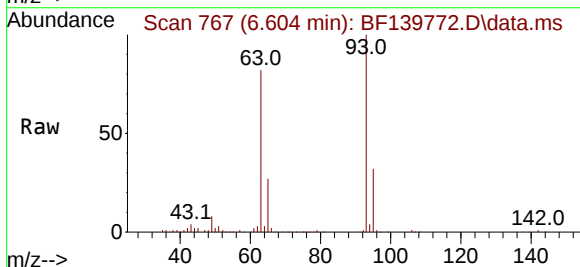
Tgt Ion: 93 Resp: 268678

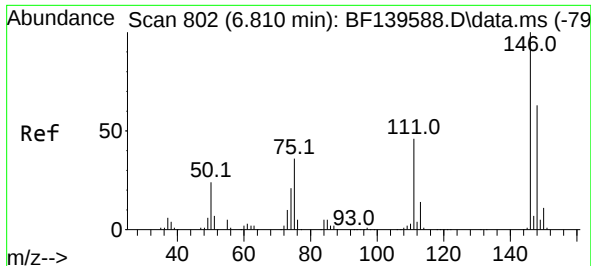
Ion Ratio Lower Upper

93 100

63 82.0 64.1 104.1

95 32.1 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 46.385 ng

RT: 6.810 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

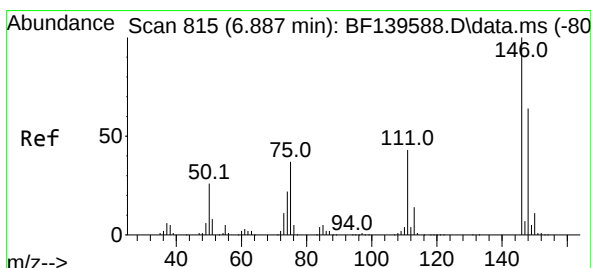
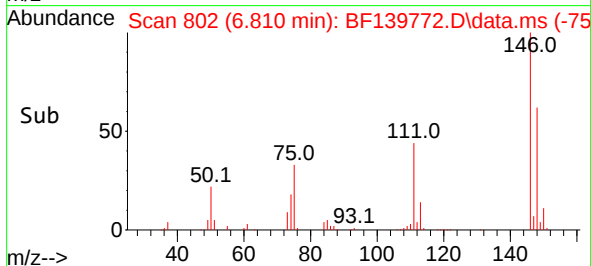
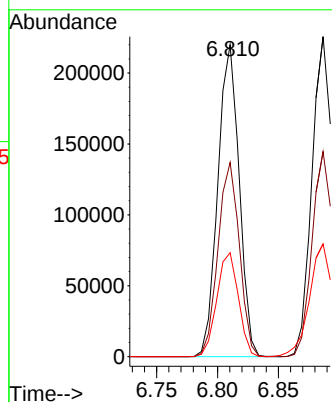
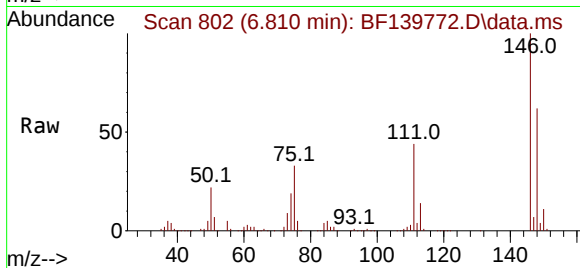
Tgt Ion:146 Resp: 268058

Ion Ratio Lower Upper

146 100

148 62.3 50.2 75.4

75 33.3 28.5 42.7



#13

1,4-Dichlorobenzene

Concen: 45.961 ng

RT: 6.887 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

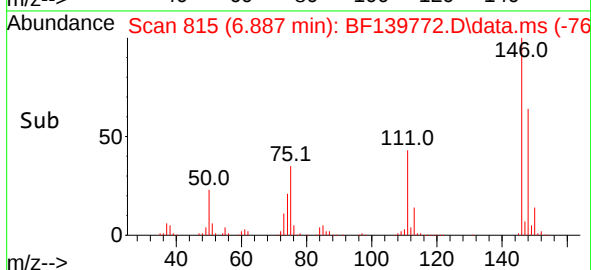
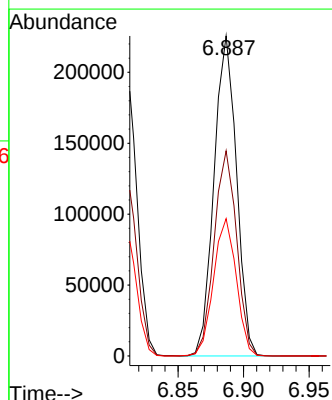
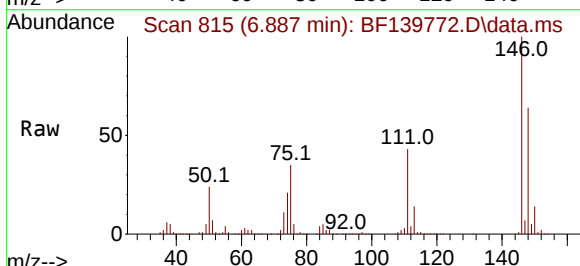
Tgt Ion:146 Resp: 269011

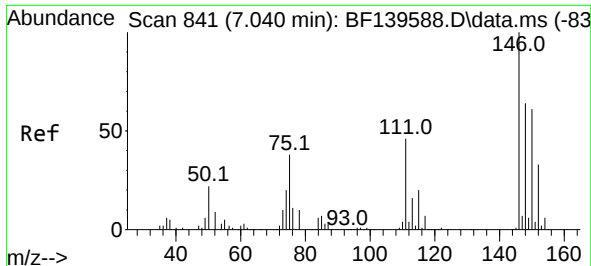
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 42.9 34.9 52.3

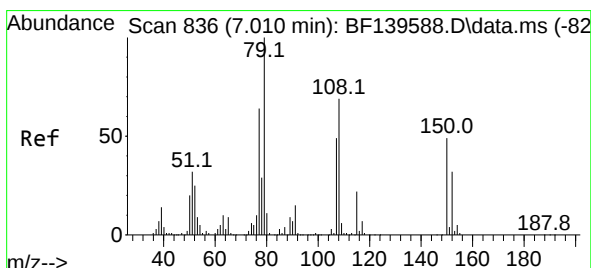
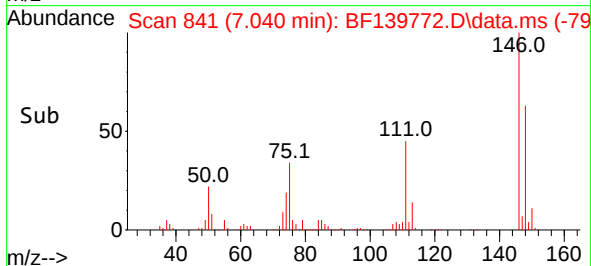
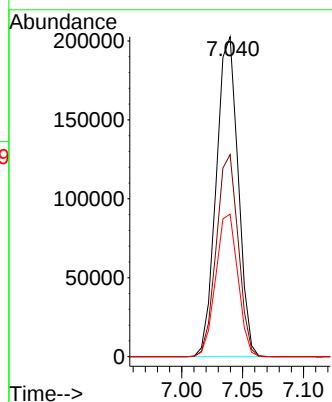
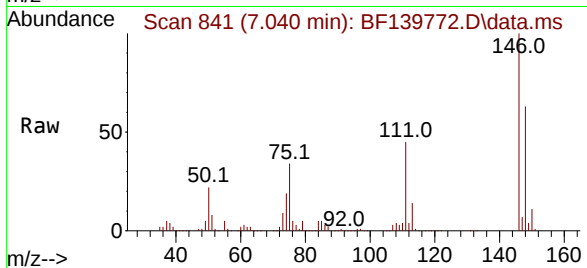




#14
1,2-Dichlorobenzene
Concen: 46.235 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

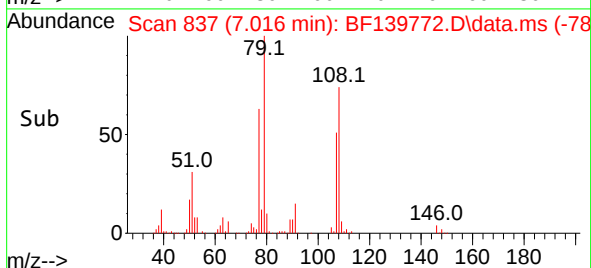
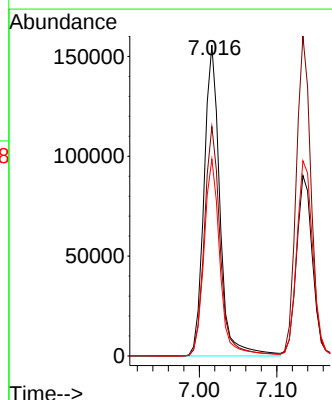
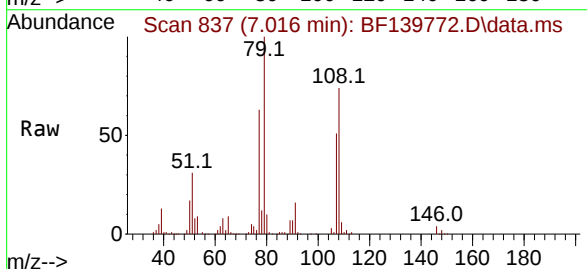
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

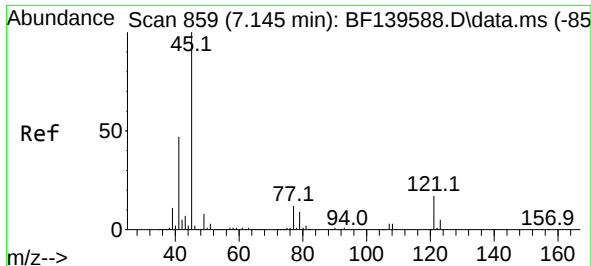
Tgt Ion:146 Resp: 253621
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 44.6 37.0 55.6



#15
Benzyl Alcohol
Concen: 44.906 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 79 Resp: 221233
Ion Ratio Lower Upper
79 100
108 73.8 55.1 82.7
77 63.3 50.8 76.2

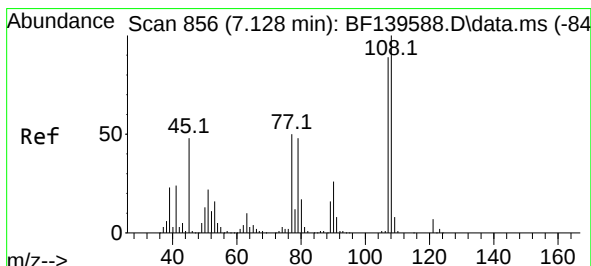
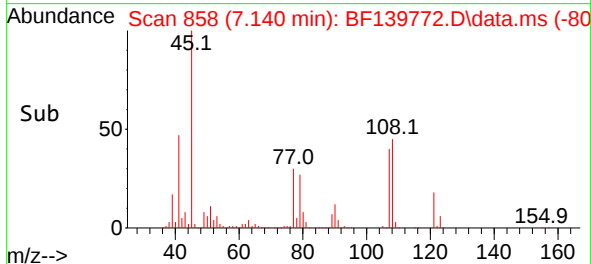
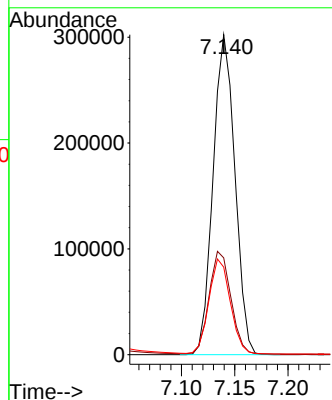
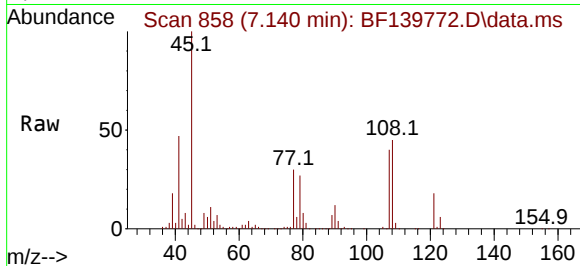




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.103 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

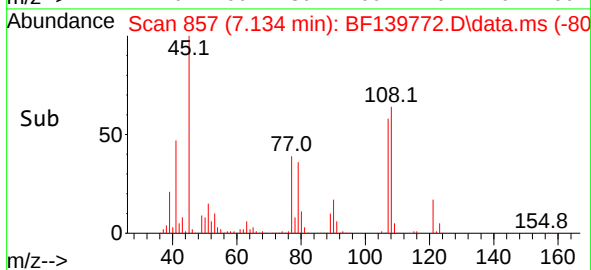
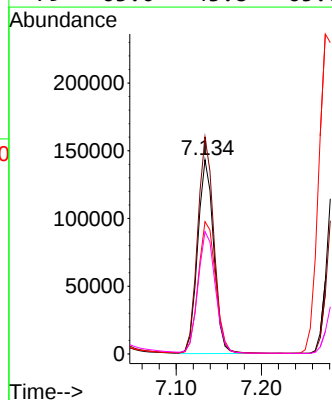
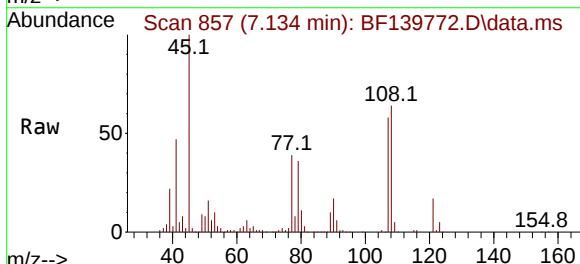
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

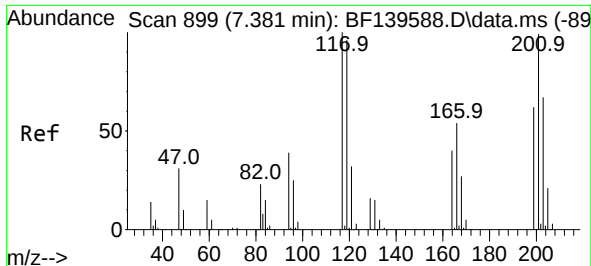
Tgt Ion: 45 Resp: 431036
Ion Ratio Lower Upper
45 100
77 30.3 0.0 32.5
79 27.3 0.0 29.7



#17
2-Methylphenol
Concen: 43.550 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:107 Resp: 186767
Ion Ratio Lower Upper
107 100
108 111.8 89.8 134.6
77 68.2 44.6 67.0#
79 63.0 43.8 65.6

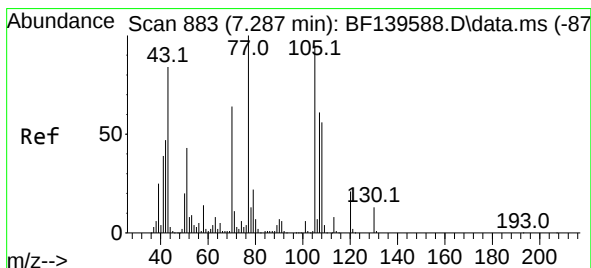
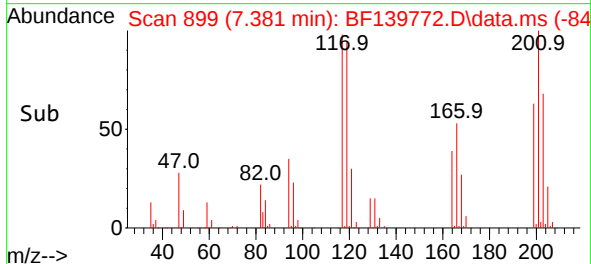
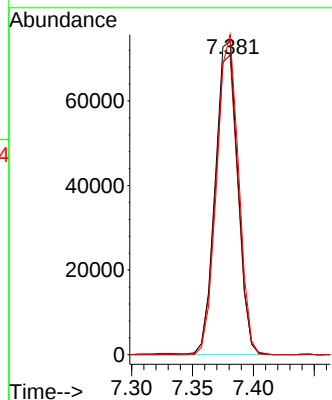
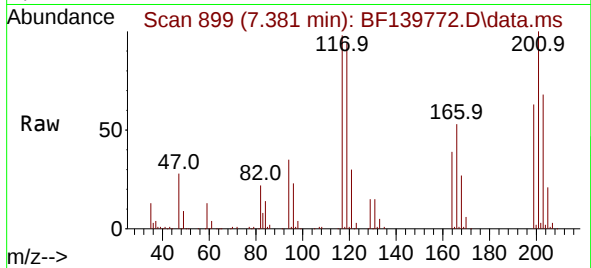




#18
Hexachloroethane
Concen: 43.735 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

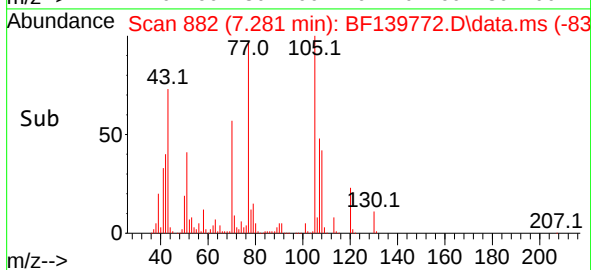
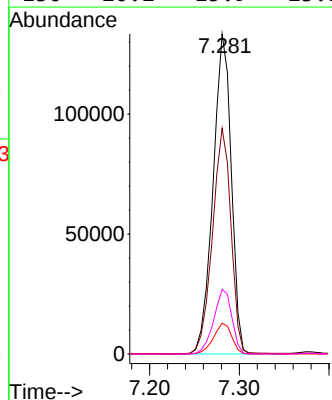
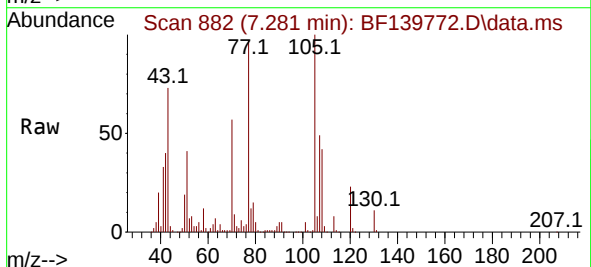
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

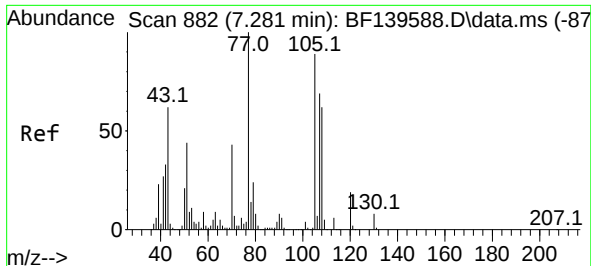
Tgt Ion:117 Resp: 95480
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6
201 102.1 79.2 118.8



#19
n-Nitroso-di-n-propylamine
Concen: 45.375 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 70 Resp: 188099
Ion Ratio Lower Upper
70 100
42 70.5 58.0 87.0
101 9.6 7.8 11.8
130 20.2 15.9 23.9

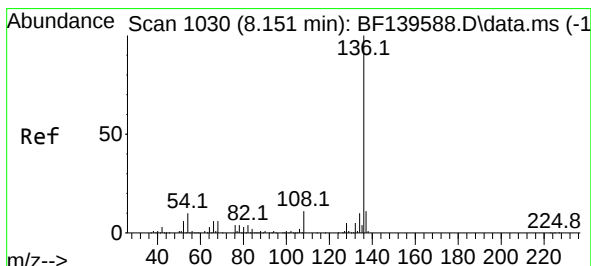
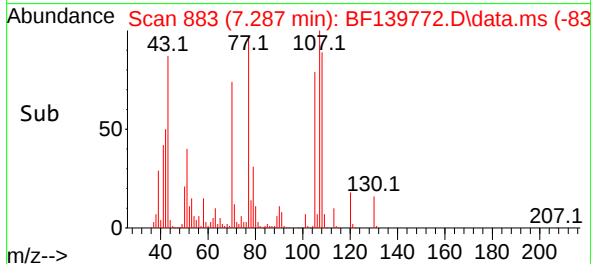
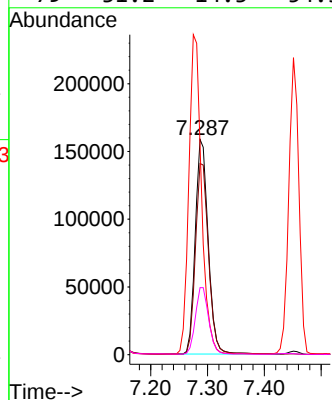
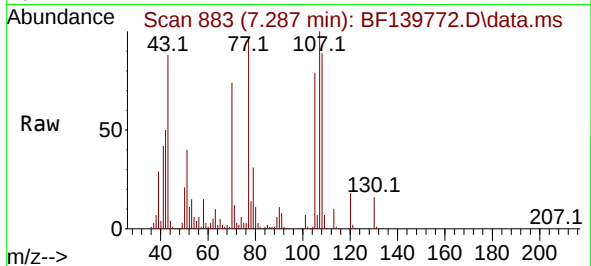




#20
3+4-Methylphenols
Concen: 46.660 ng
RT: 7.287 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

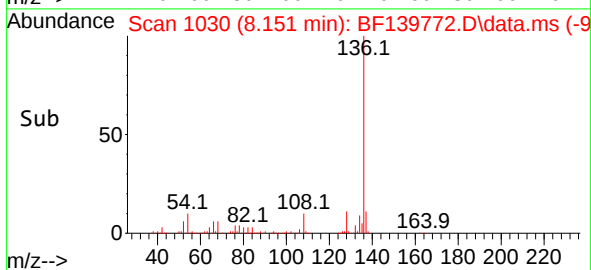
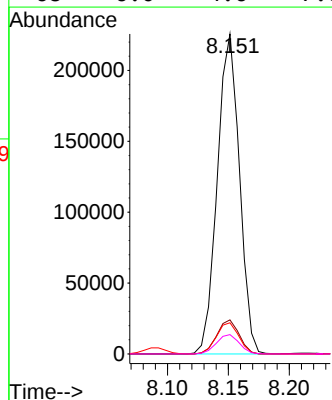
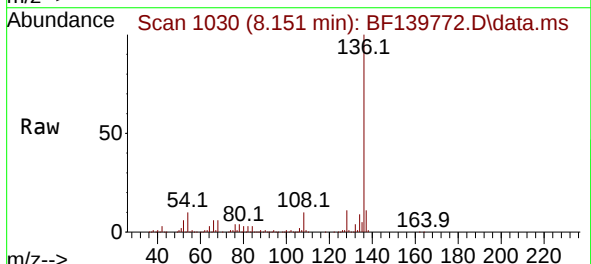
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

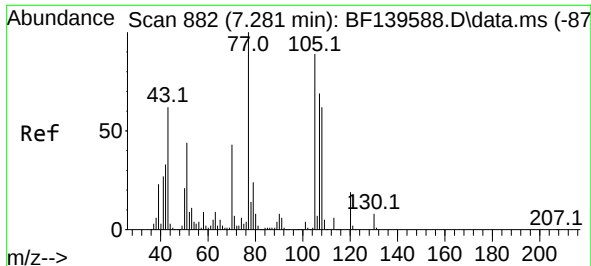
Tgt Ion:107 Resp: 251341
Ion Ratio Lower Upper
107 100
108 88.8 70.2 110.2
77 97.4 125.3 165.3#
79 31.2 14.3 54.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:136 Resp: 285627
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.3 12.5
68 6.0 4.6 7.0

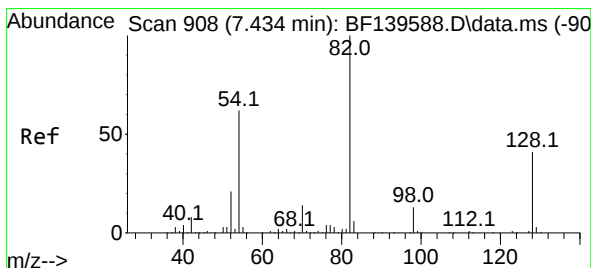
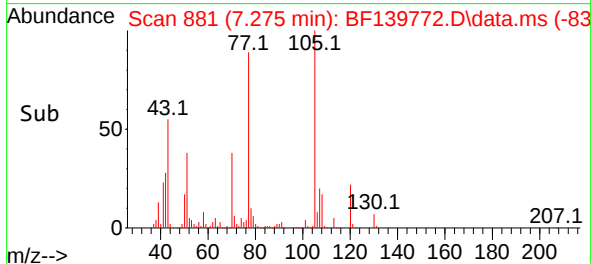
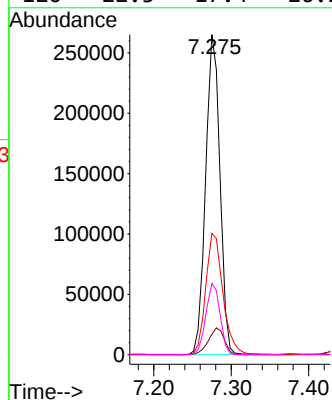
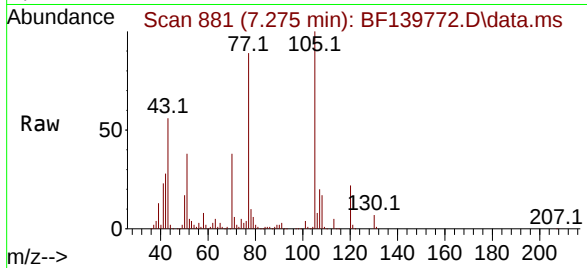




#22
Acetophenone
Concen: 50.153 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

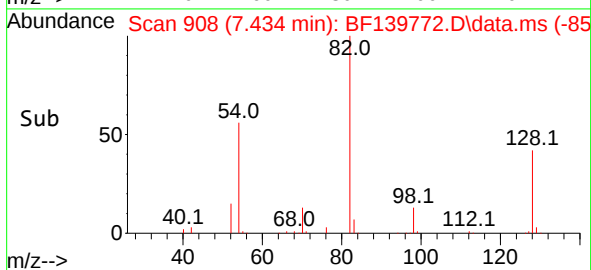
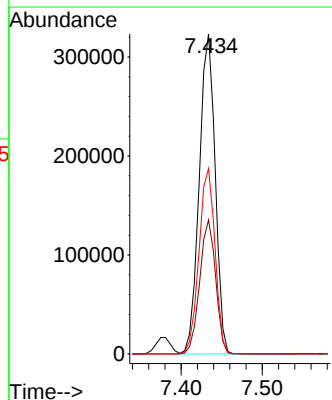
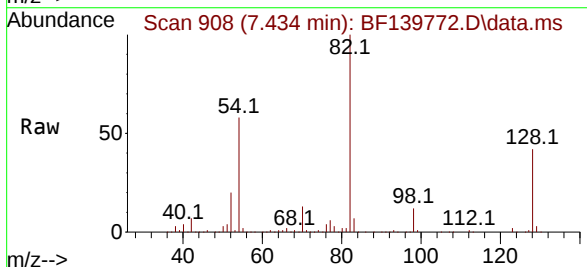
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BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

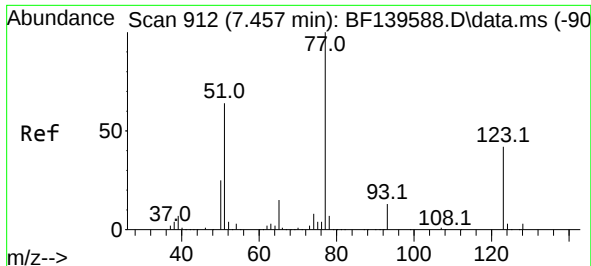
Tgt Ion:105 Resp: 340032
Ion Ratio Lower Upper
105 100
71 6.4 6.6 10.0#
51 37.9 39.4 59.0#
120 22.3 17.4 26.2



#23
Nitrobenzene-d5
Concen: 78.089 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 82 Resp: 440533
Ion Ratio Lower Upper
82 100
128 41.9 32.4 48.6
54 58.0 49.1 73.7

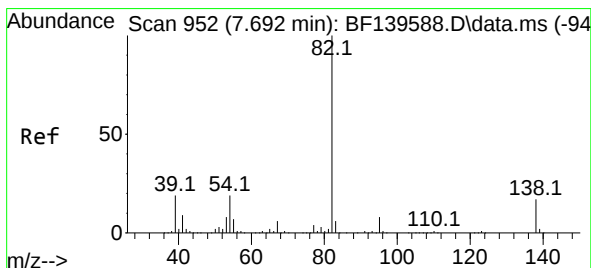
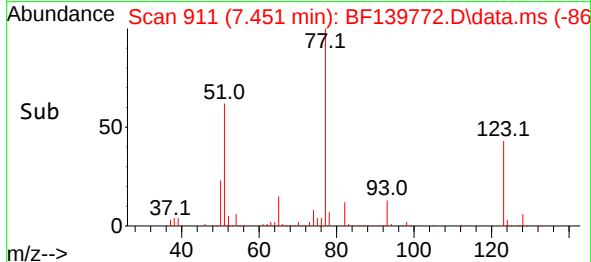
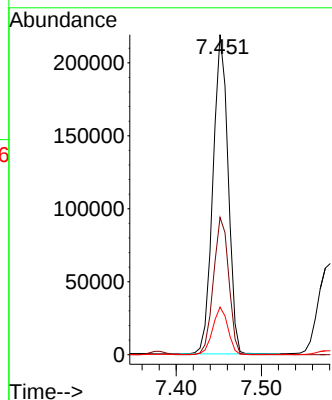
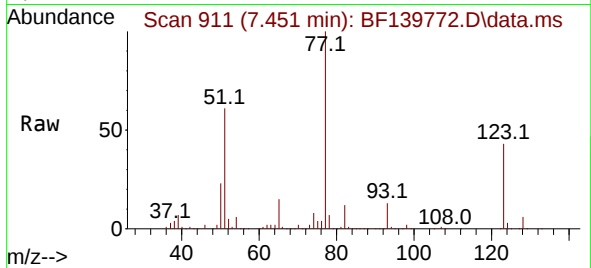




#24
Nitrobenzene
Concen: 46.264 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

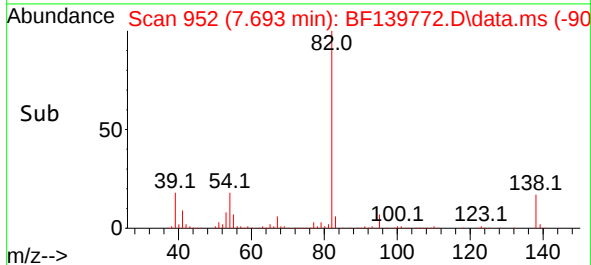
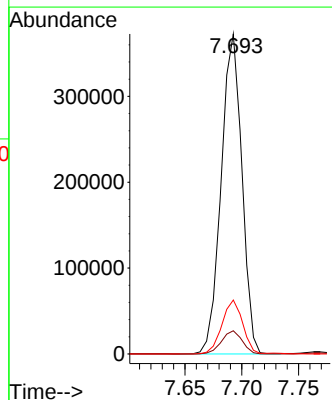
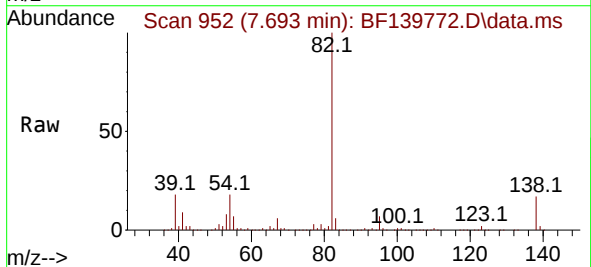
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

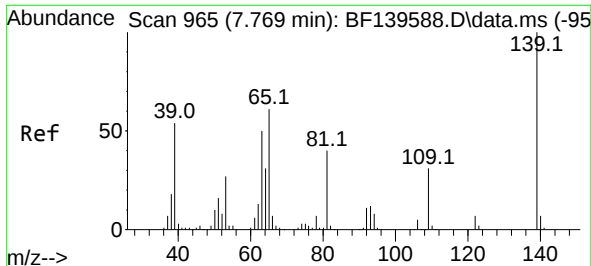
Tgt Ion: 77 Resp: 270261
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.4
65 14.9 12.1 18.1



#25
Isophorone
Concen: 47.301 ng
RT: 7.693 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 82 Resp: 473944
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.8 13.4 20.2

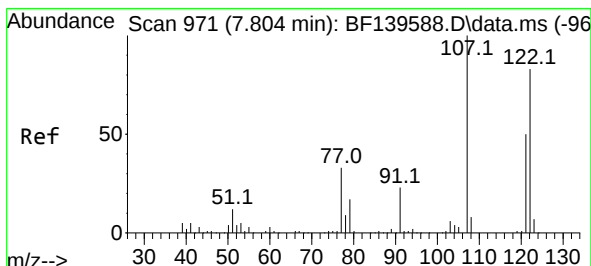
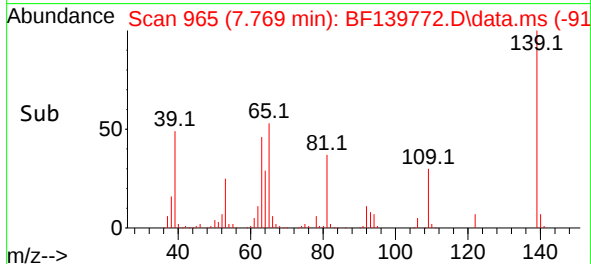
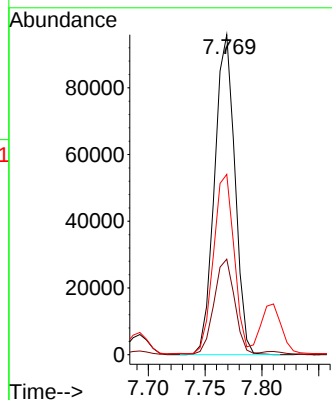
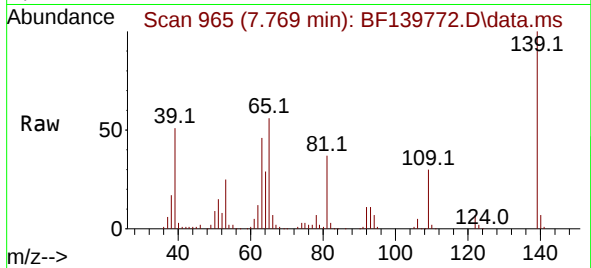




#26
2-Nitrophenol
Concen: 47.582 ng
RT: 7.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

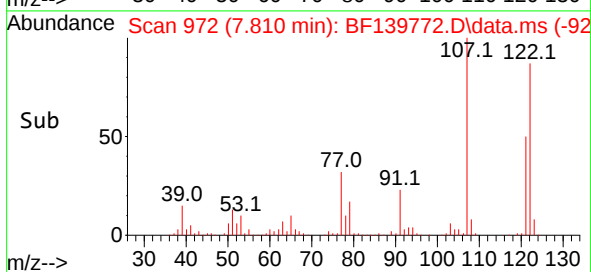
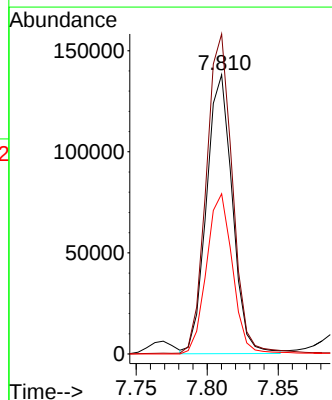
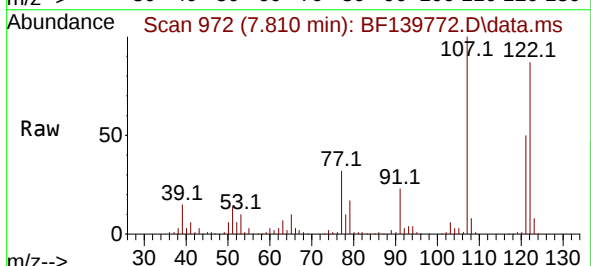
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

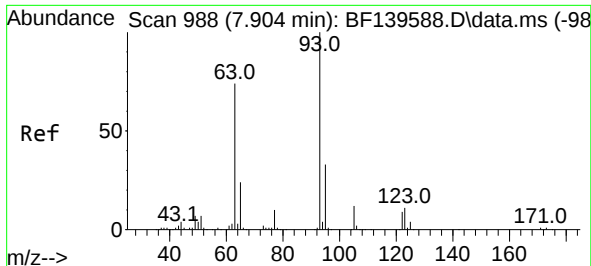
Tgt Ion:139 Resp: 119494
Ion Ratio Lower Upper
139 100
109 29.8 24.9 37.3
65 56.4 48.6 72.8



#27
2,4-Dimethylphenol
Concen: 57.009 ng
RT: 7.810 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:122 Resp: 175265
Ion Ratio Lower Upper
122 100
107 114.6 95.4 143.0
121 57.4 47.4 71.2





#28

bis(2-Chloroethoxy)methane

Concen: 48.446 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

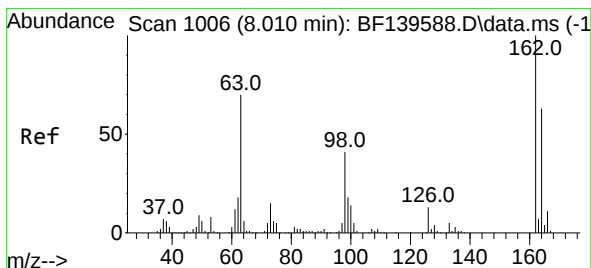
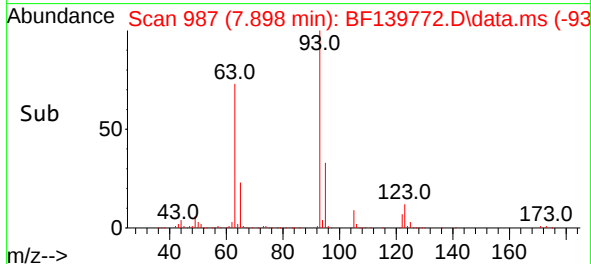
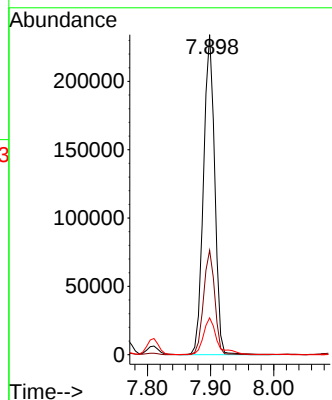
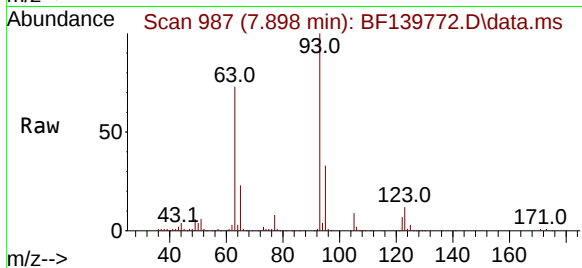
Tgt Ion: 93 Resp: 289866

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 11.5 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 46.465 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.012 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

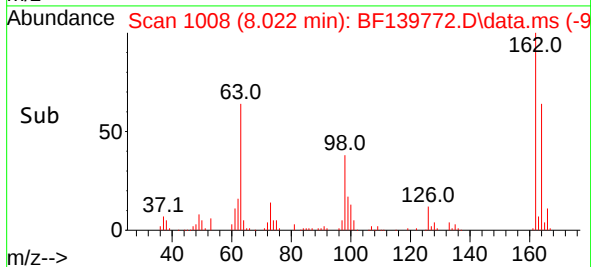
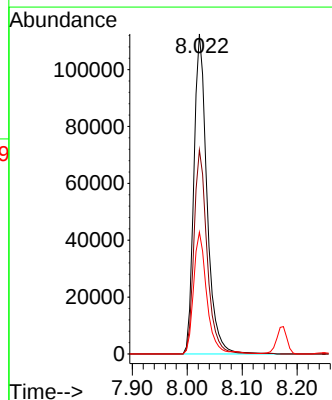
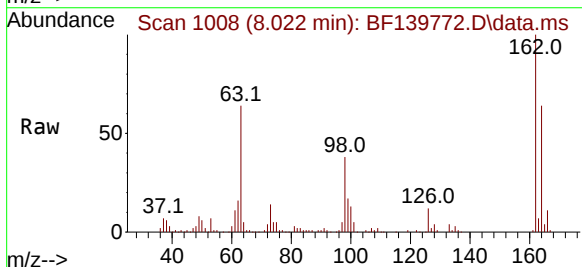
Tgt Ion:162 Resp: 186325

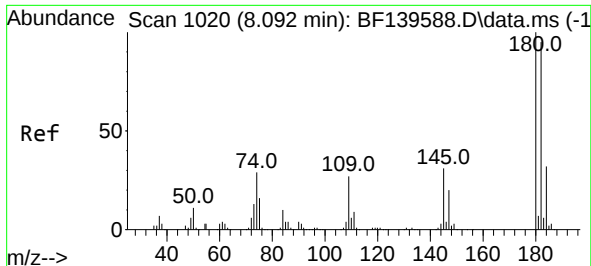
Ion Ratio Lower Upper

162 100

164 63.7 43.1 83.1

98 38.0 20.8 60.8

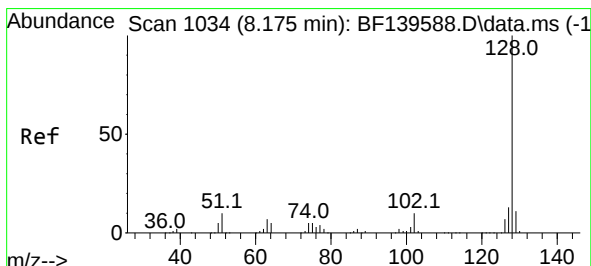
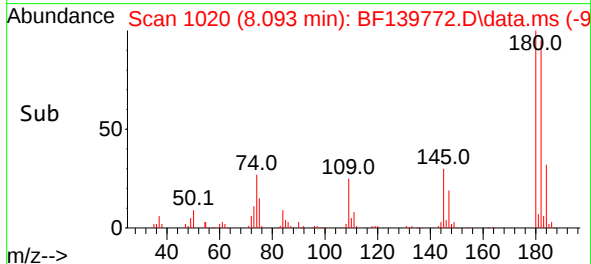
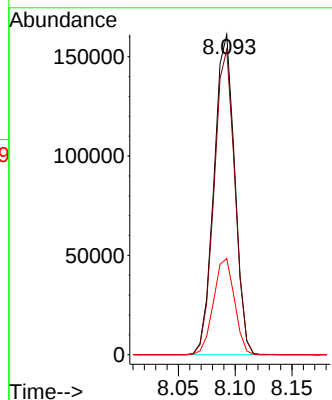
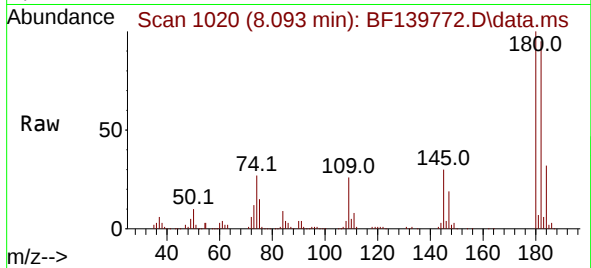




#30
1,2,4-Trichlorobenzene
Concen: 44.964 ng
RT: 8.093 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

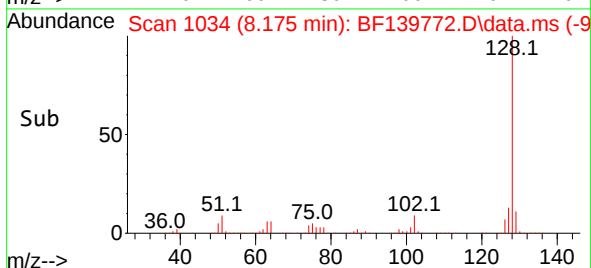
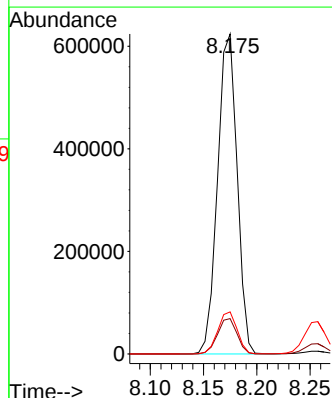
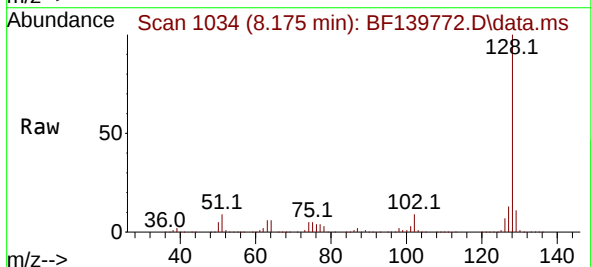
Instrument :
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ClientSampleId :
SB-04-2.0-2.5MS

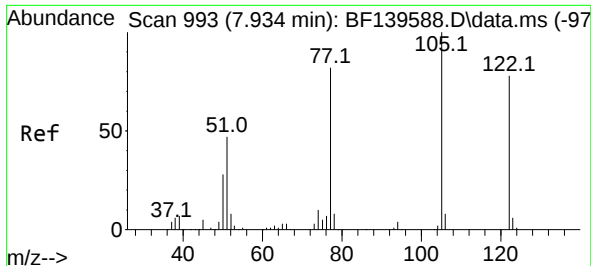
Tgt Ion:180 Resp: 203908
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
145 30.1 25.0 37.6



#31
Naphthalene
Concen: 54.453 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:128 Resp: 795214
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7

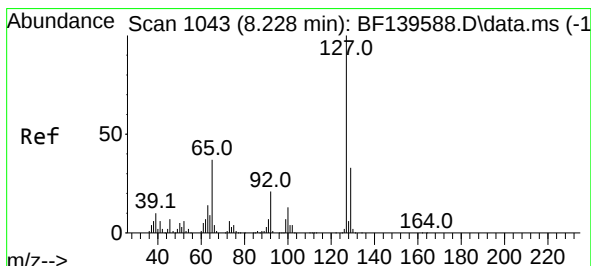
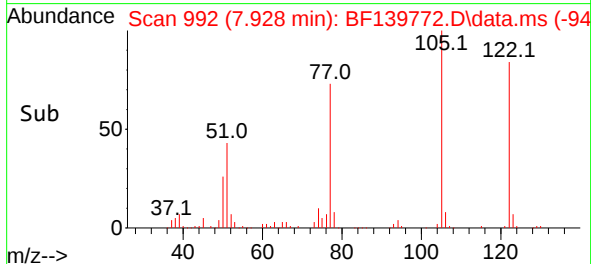
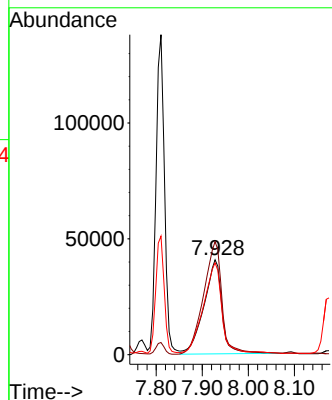
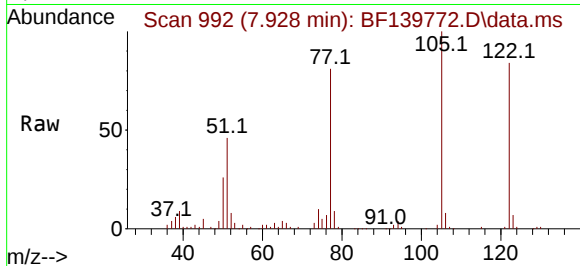




#32
Benzoic acid
Concen: 36.314 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

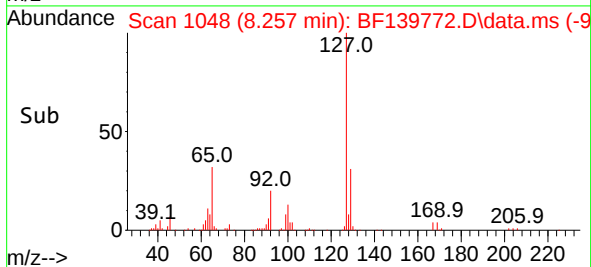
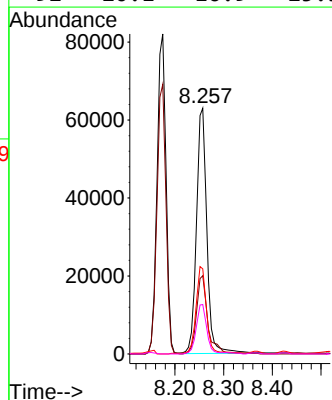
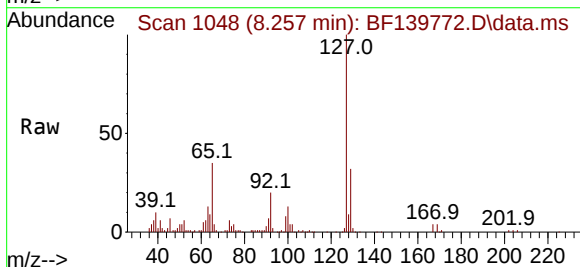
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

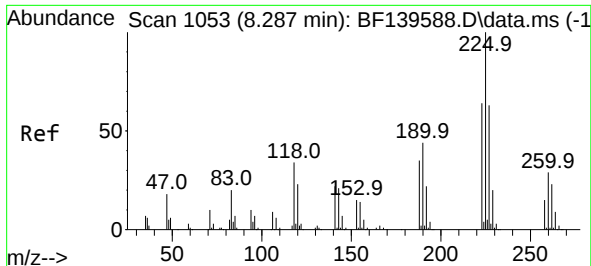
Tgt Ion:122 Resp: 111013
Ion Ratio Lower Upper
122 100
105 119.0 104.9 144.9
77 96.8 82.7 122.7



#33
4-Chloroaniline
Concen: 19.122 ng
RT: 8.257 min Scan# 1048
Delta R.T. 0.029 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:127 Resp: 94524
Ion Ratio Lower Upper
127 100
129 31.9 26.2 39.4
65 34.6 29.3 43.9
92 20.1 16.9 25.3

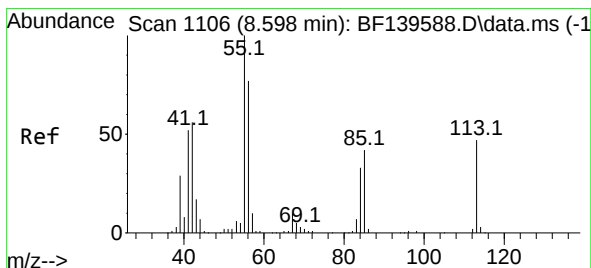
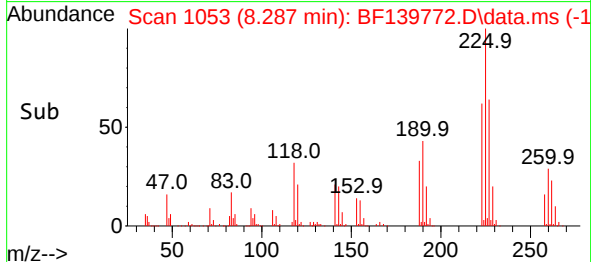
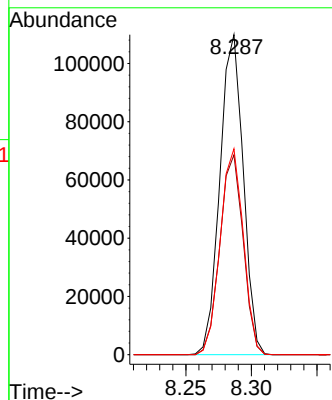
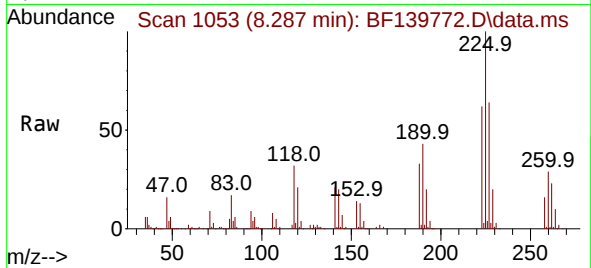




#34
Hexachlorobutadiene
Concen: 46.312 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

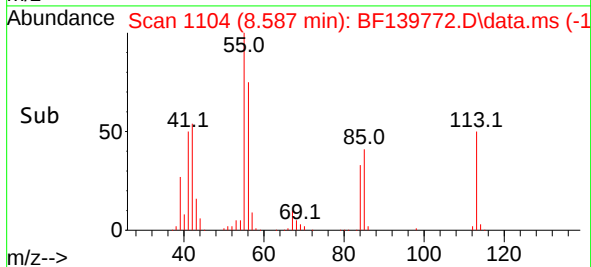
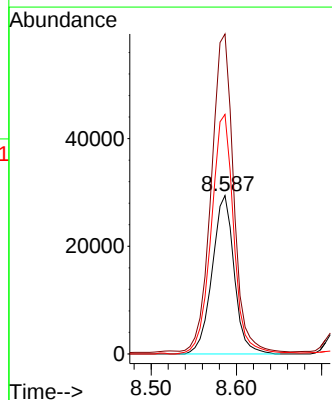
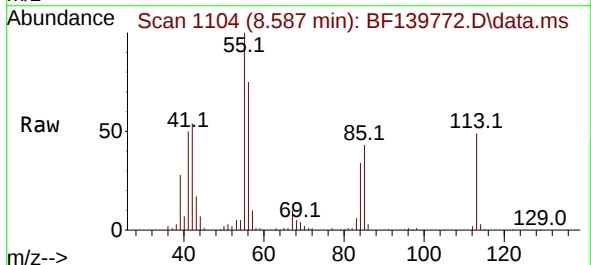
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

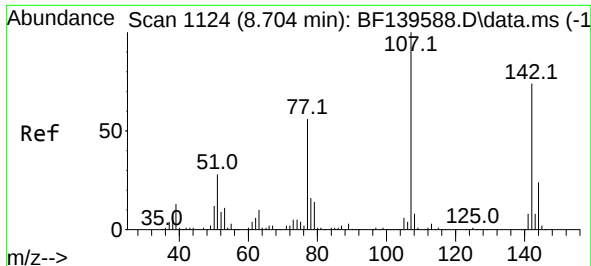
Tgt Ion:225 Resp: 135914
Ion Ratio Lower Upper
225 100
223 62.4 50.9 76.3
227 64.4 50.7 76.1



#35
Caprolactam
Concen: 40.039 ng
RT: 8.587 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:113 Resp: 52662
Ion Ratio Lower Upper
113 100
55 202.1 193.4 233.4
56 151.3 143.8 183.8

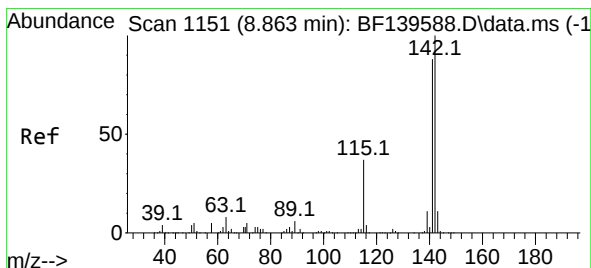
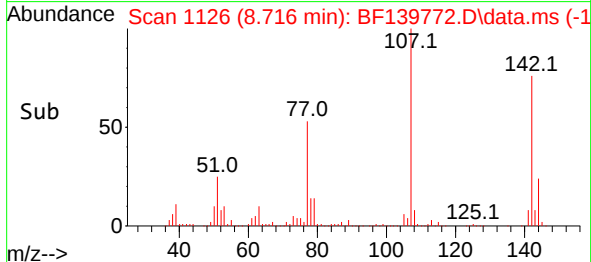
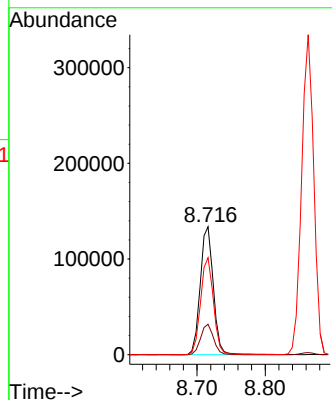
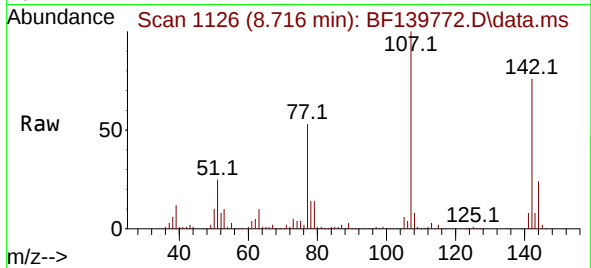




#36
4-Chloro-3-methylphenol
Concen: 39.298 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

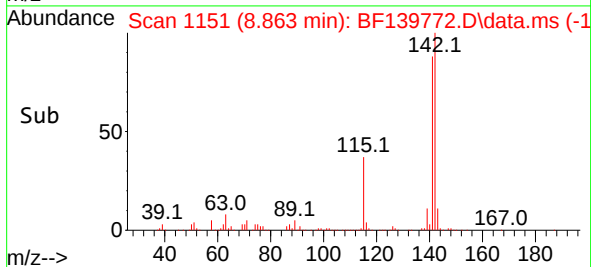
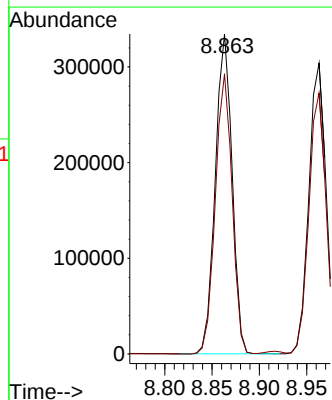
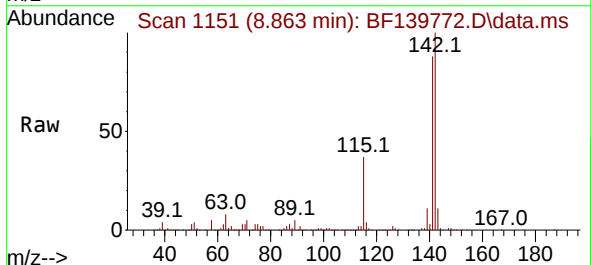
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

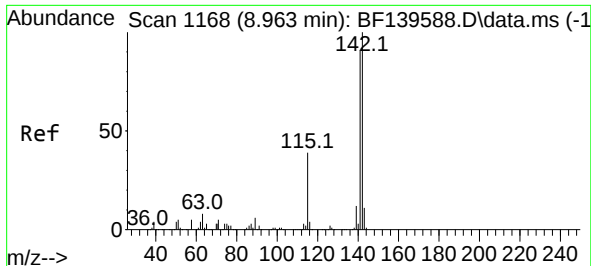
Tgt Ion:107 Resp: 178389
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 75.7 59.2 88.8



#37
2-Methylnaphthalene
Concen: 43.387 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:142 Resp: 412670
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6

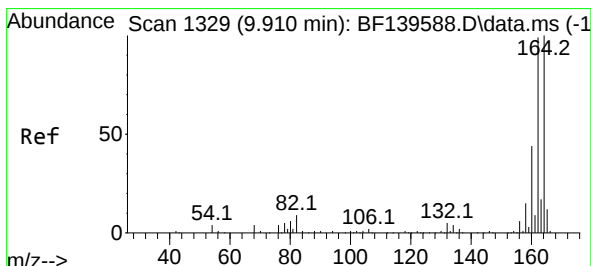
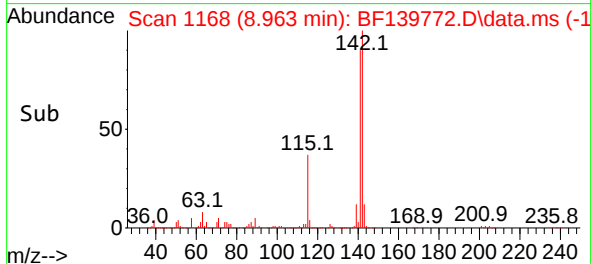
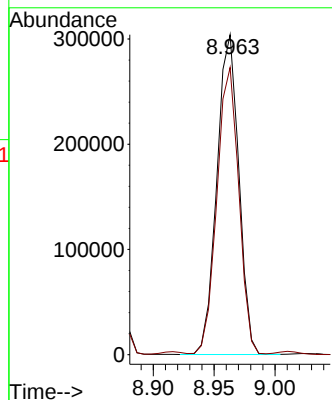
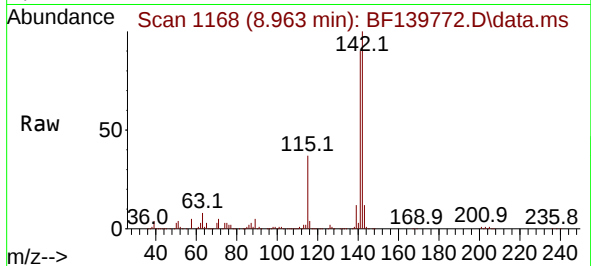




#38
1-Methylnaphthalene
Concen: 40.966 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

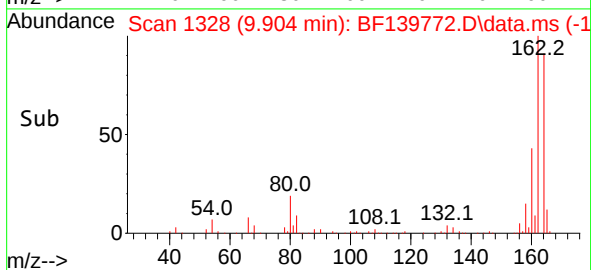
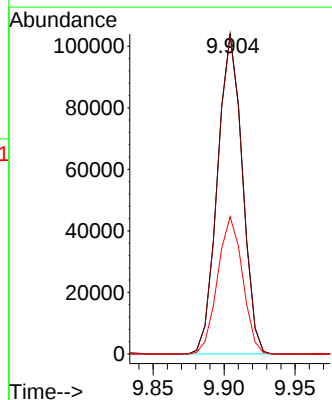
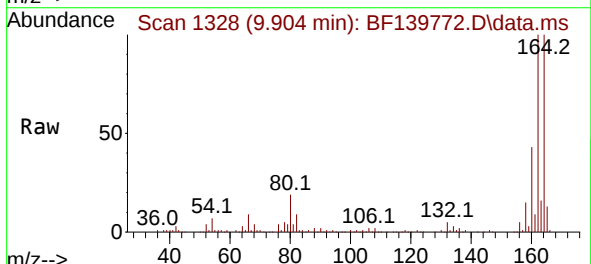
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

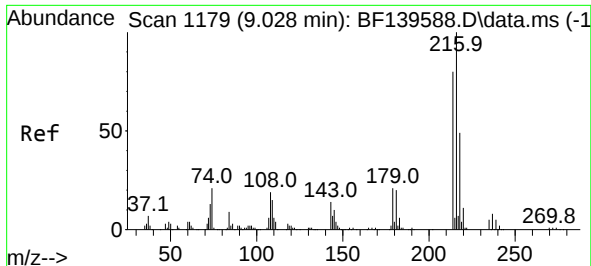
Tgt Ion:142 Resp: 380862
Ion Ratio Lower Upper
142 100
141 89.7 73.0 109.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

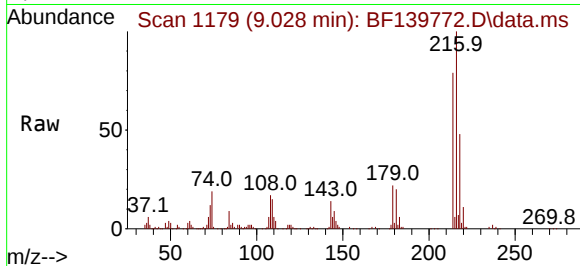
Tgt Ion:164 Resp: 126386
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 42.9 35.1 52.7



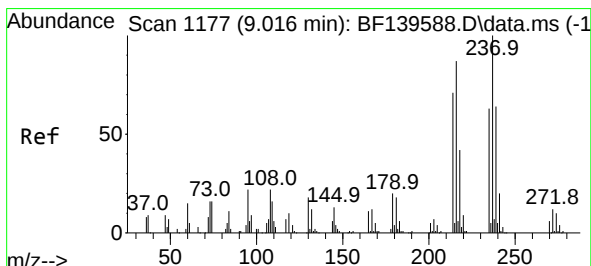
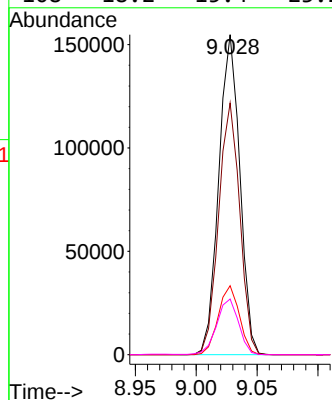
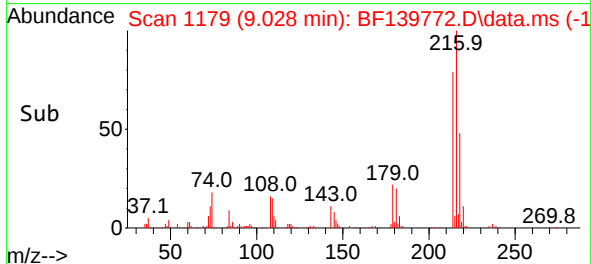


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.037 ng
 RT: 9.028 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

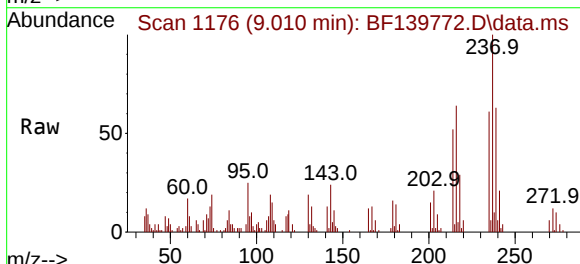
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MS



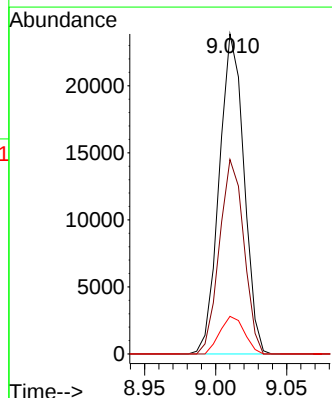
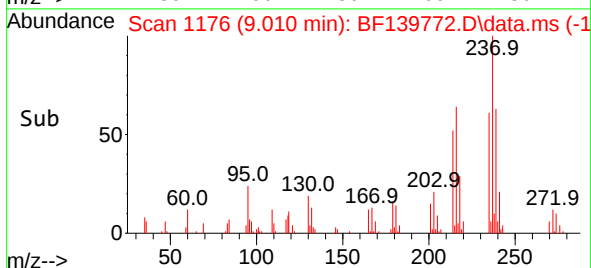
Tgt Ion:216 Resp: 186137
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.7 95.5
 179 21.6 16.9 25.3
 108 18.2 15.4 23.2

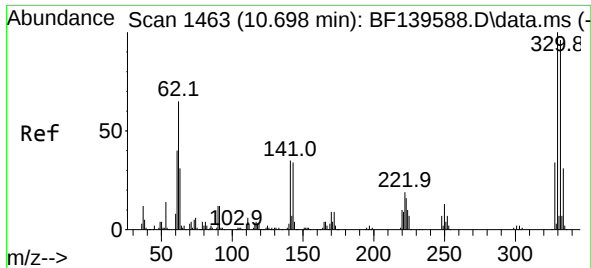


#41
 Hexachlorocyclopentadiene
 Concen: 26.834 ng
 RT: 9.010 min Scan# 1176
 Delta R.T. -0.006 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51



Tgt Ion:237 Resp: 28877
 Ion Ratio Lower Upper
 237 100
 235 60.7 42.5 82.5
 272 11.7 0.0 32.1

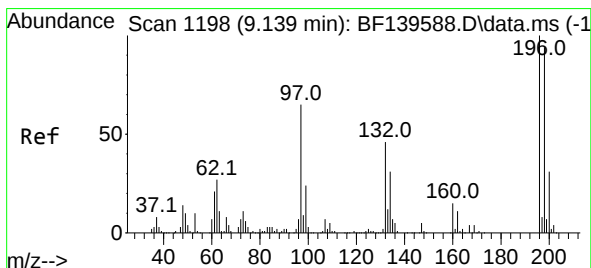
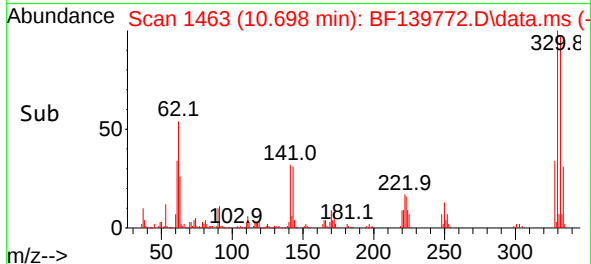
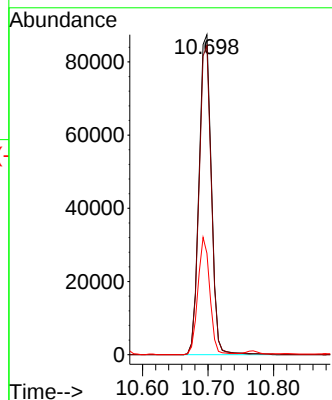
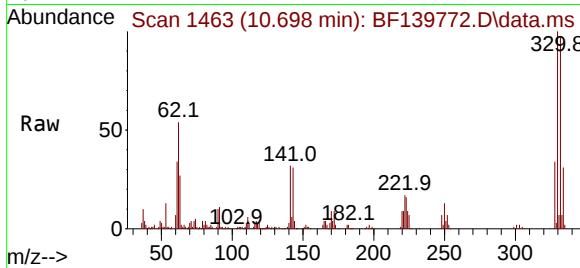




#42
2,4,6-Tribromophenol
Concen: 93.971 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

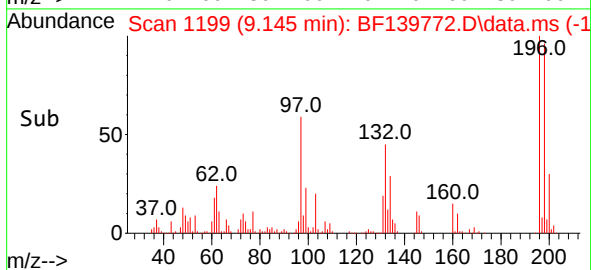
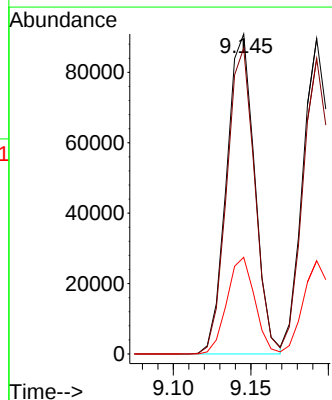
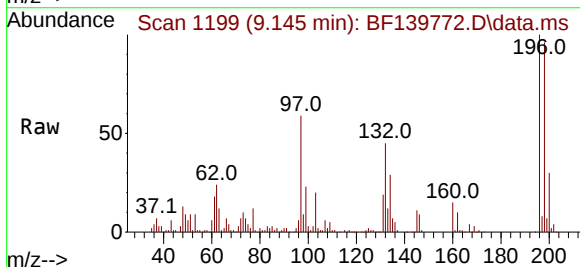
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

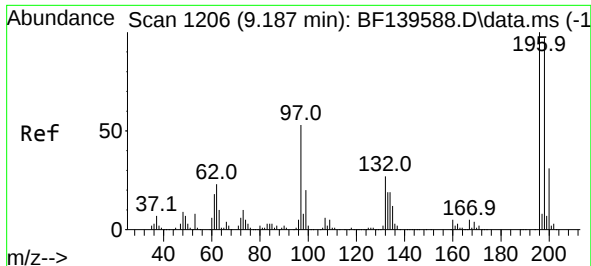
Tgt Ion:330 Resp: 114650
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 35.4 29.3 43.9



#43
2,4,6-Trichlorophenol
Concen: 48.448 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:196 Resp: 114622
Ion Ratio Lower Upper
196 100
198 95.6 75.2 112.8
200 30.2 24.6 37.0

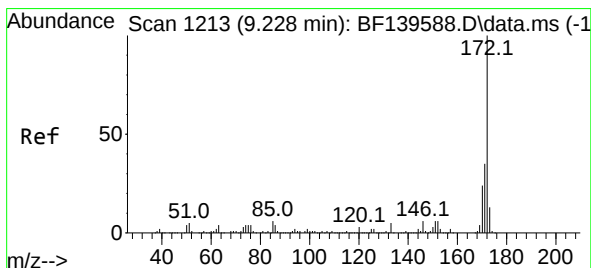
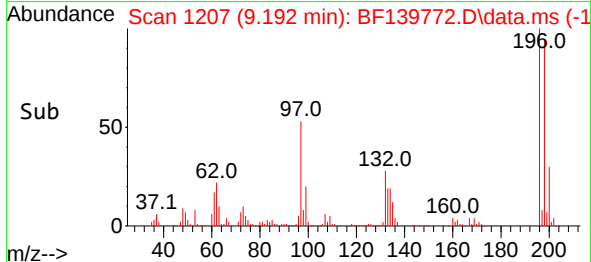
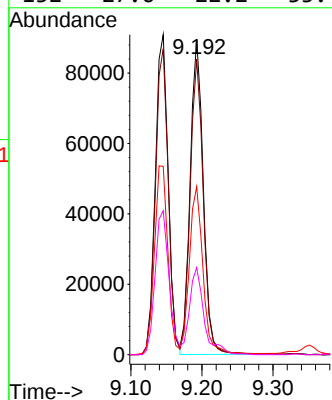
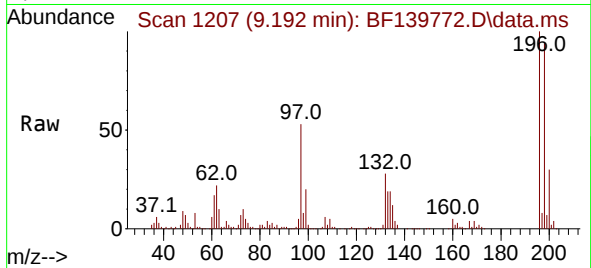




#44
2,4,5-Trichlorophenol
Concen: 45.276 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

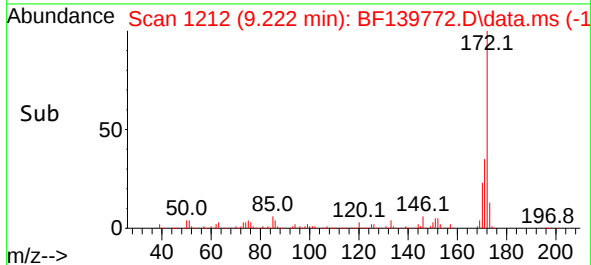
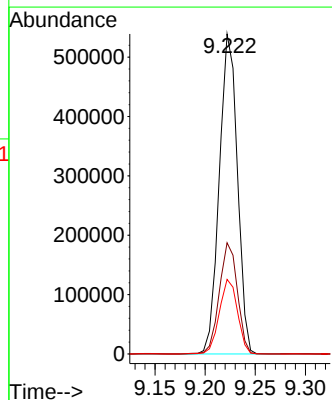
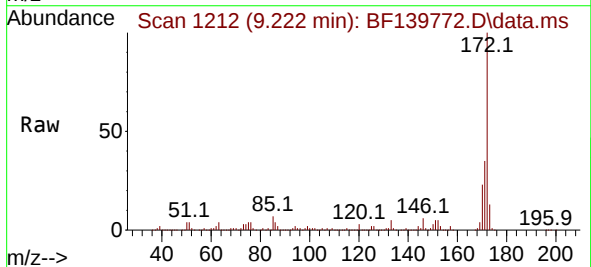
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

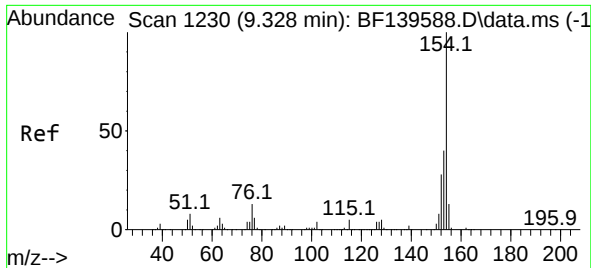
Tgt Ion:196 Resp: 115519
Ion Ratio Lower Upper
196 100
198 93.6 77.5 116.3
97 53.2 43.1 64.7
132 27.6 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 82.045 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:172 Resp: 675450
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.3 18.8 28.2

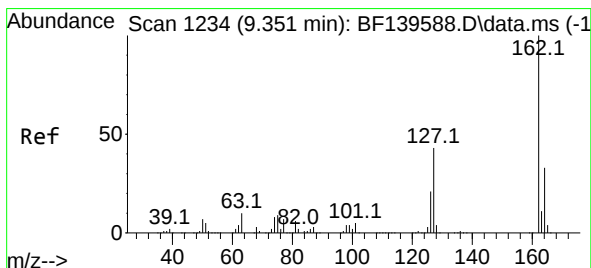
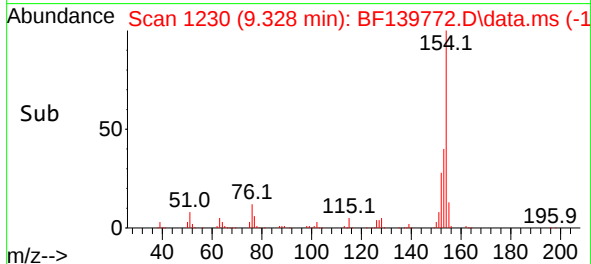
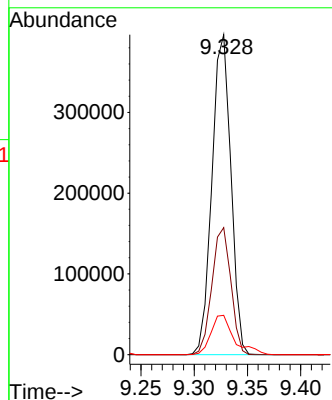
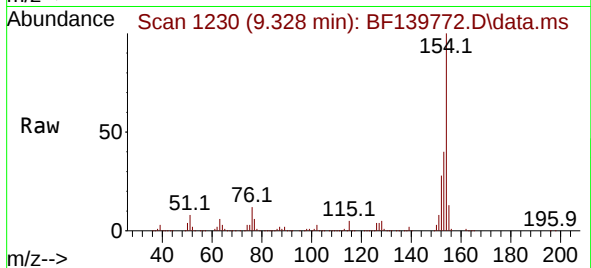




#46
1,1'-Biphenyl
Concen: 51.959 ng
RT: 9.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

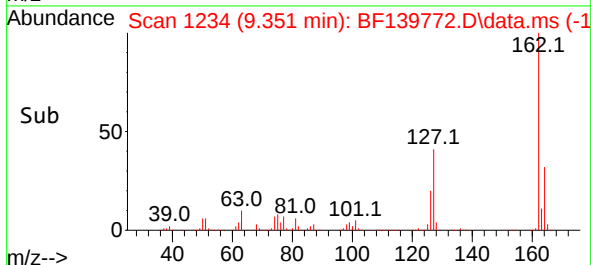
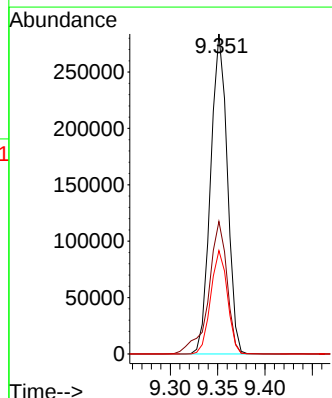
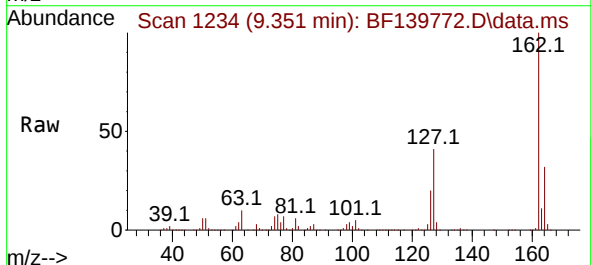
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

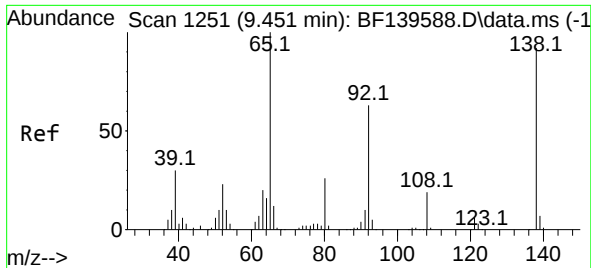
Tgt Ion:154 Resp: 488422
Ion Ratio Lower Upper
154 100
153 39.7 20.1 60.1
76 12.3 0.0 32.6



#47
2-Chloronaphthalene
Concen: 49.472 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:162 Resp: 348634
Ion Ratio Lower Upper
162 100
127 41.4 35.0 52.4
164 32.3 26.1 39.1

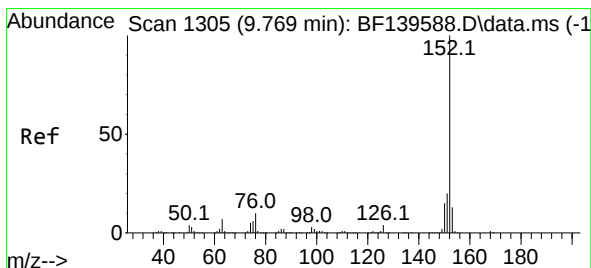
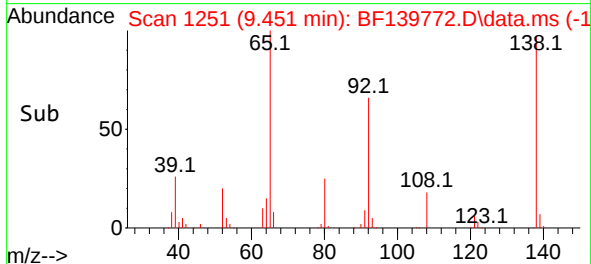
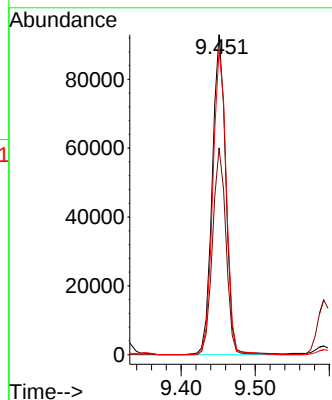
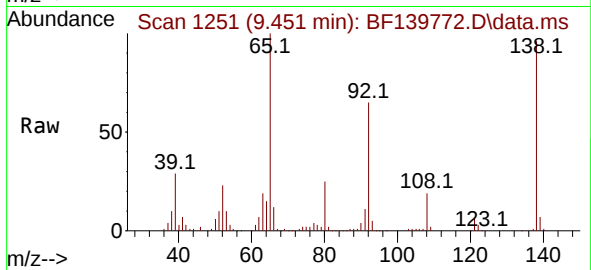




#48
2-Nitroaniline
Concen: 46.533 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

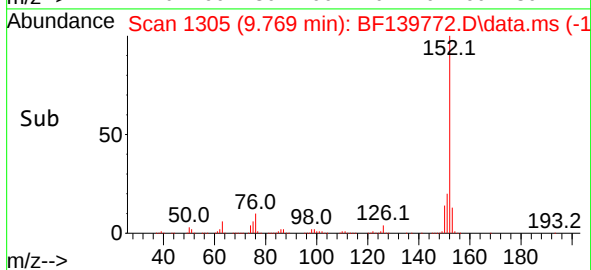
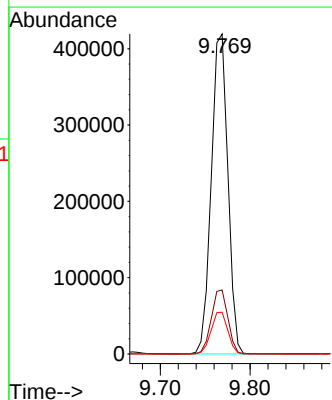
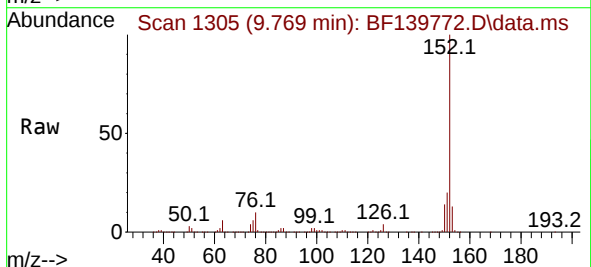
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

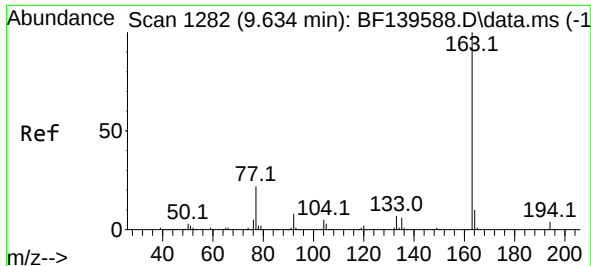
Tgt Ion: 65 Resp: 117713
Ion Ratio Lower Upper
65 100
92 64.6 50.0 75.0
138 95.5 73.8 110.8



#49
Acenaphthylene
Concen: 50.228 ng
RT: 9.769 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 152 Resp: 538291
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.5 15.7

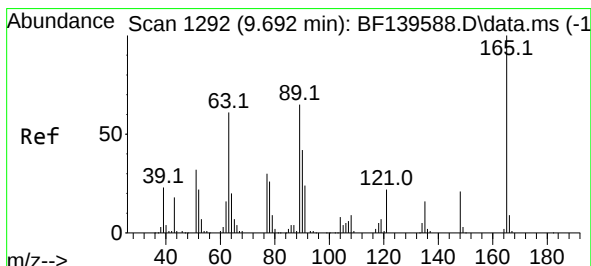
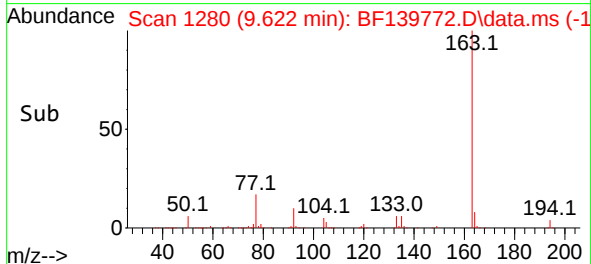
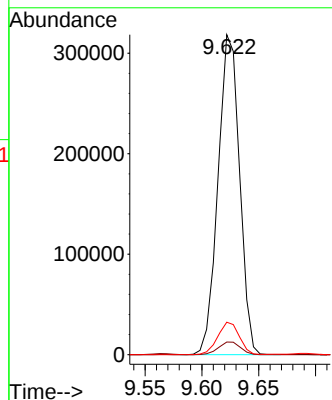
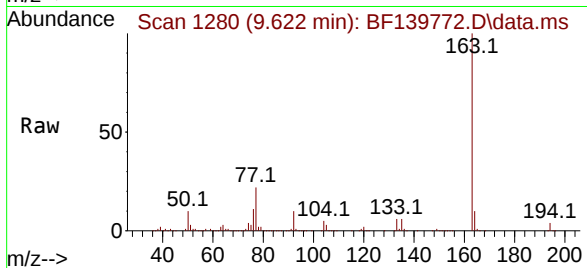




#50
Dimethylphthalate
Concen: 50.860 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

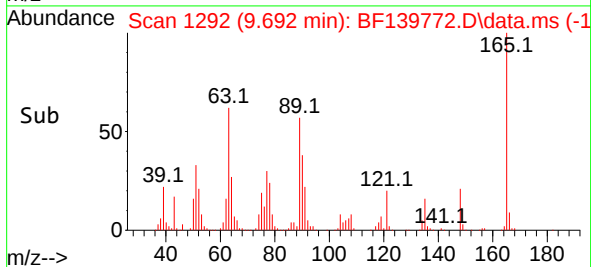
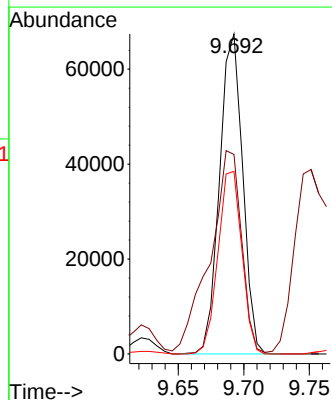
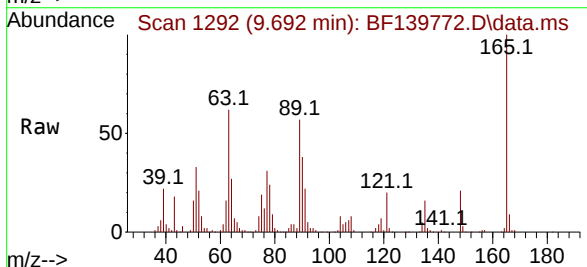
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

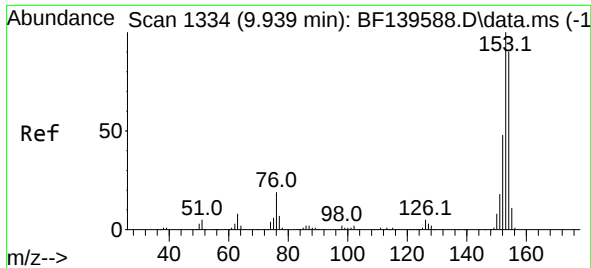
Tgt Ion:163 Resp: 420785
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 44.191 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:165 Resp: 82589
Ion Ratio Lower Upper
165 100
63 62.4 56.7 85.1
89 57.1 51.6 77.4

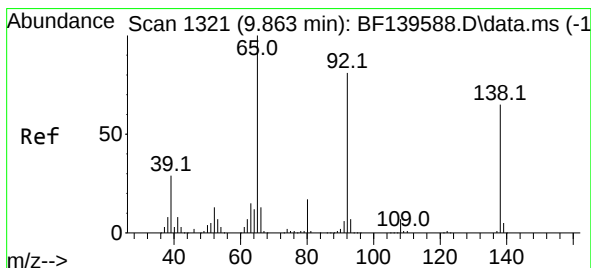
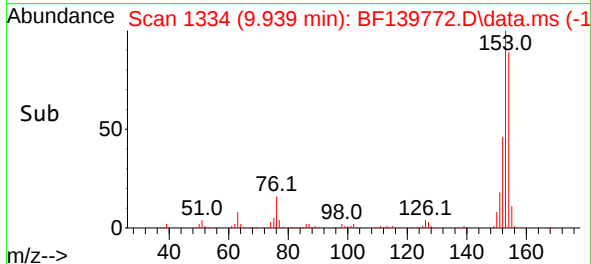
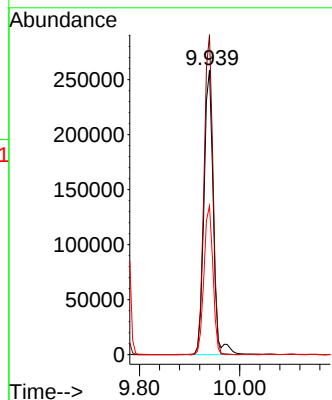
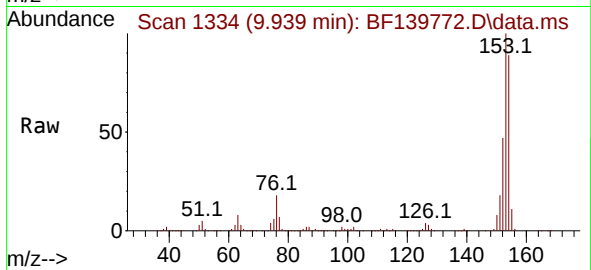




#52
Acenaphthene
Concen: 45.550 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

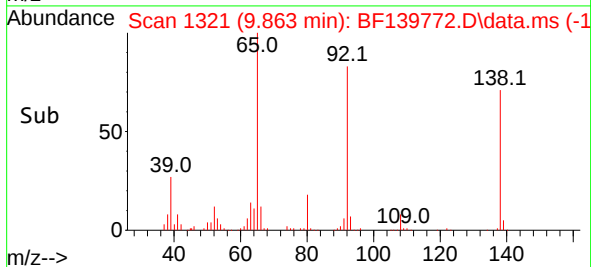
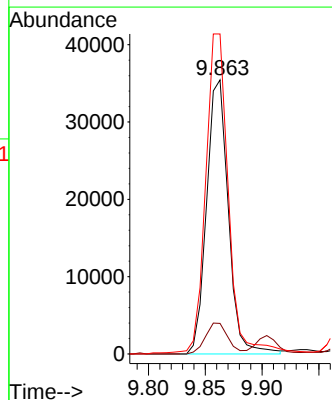
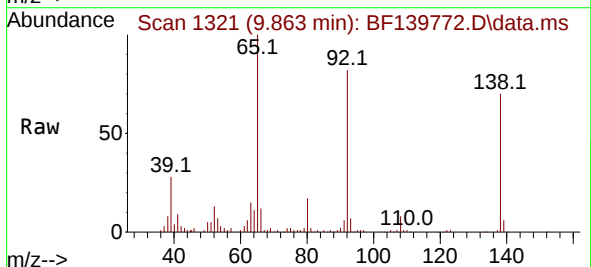
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

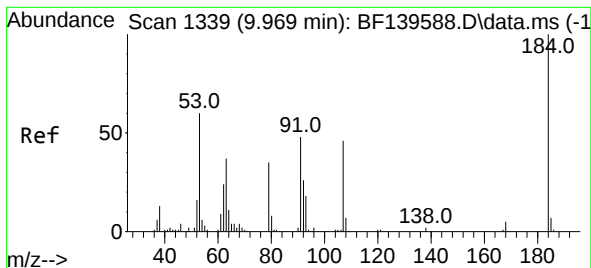
Tgt Ion:154 Resp: 335123
Ion Ratio Lower Upper
154 100
153 112.4 88.8 133.2
152 52.3 42.5 63.7



#53
3-Nitroaniline
Concen: 24.730 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:138 Resp: 47231
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 116.8 100.0 150.0

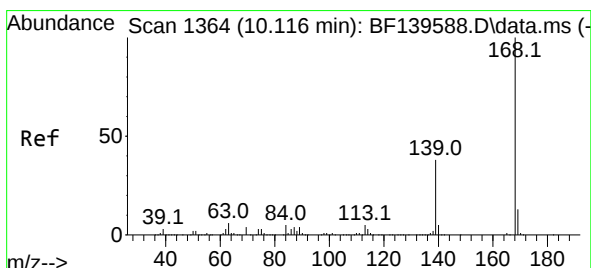
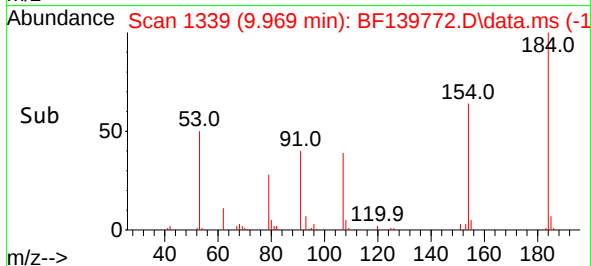
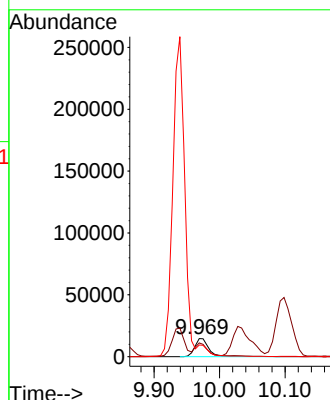
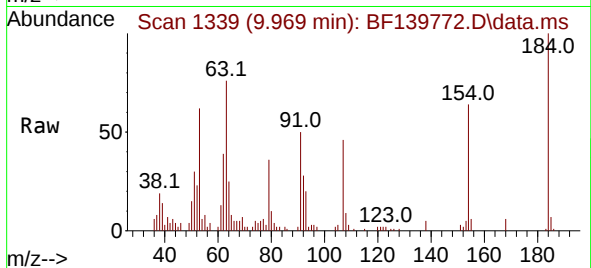




#54
2,4-Dinitrophenol
Concen: 22.771 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

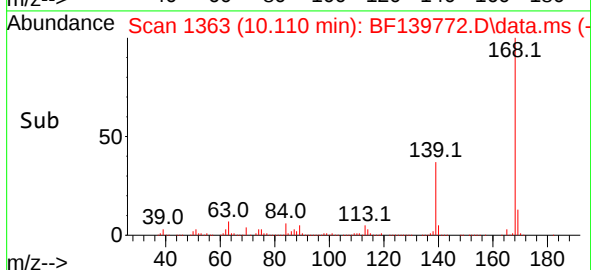
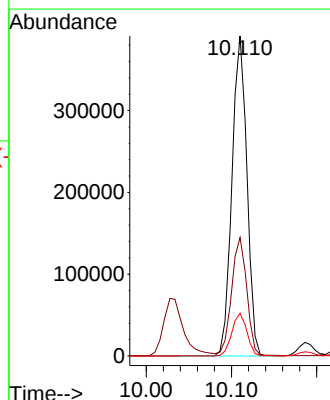
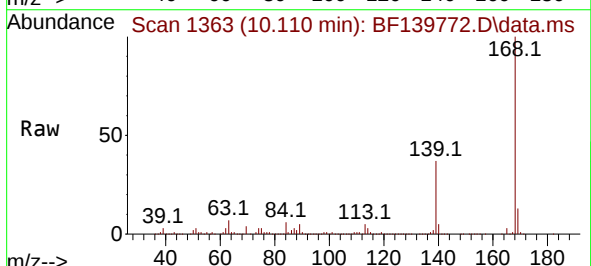
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

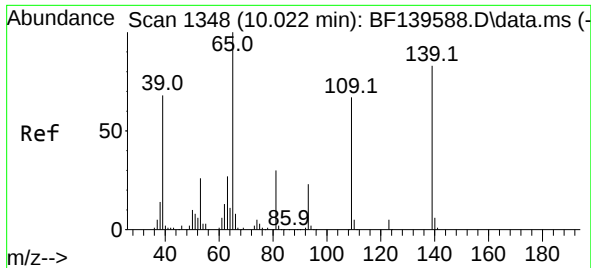
Tgt Ion:184 Resp: 22890
Ion Ratio Lower Upper
184 100
63 76.0 61.7 92.5
154 64.1 53.0 79.4



#55
Dibenzofuran
Concen: 46.253 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:168 Resp: 476458
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 13.4 10.7 16.1

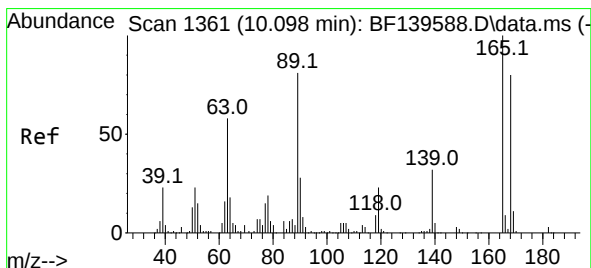
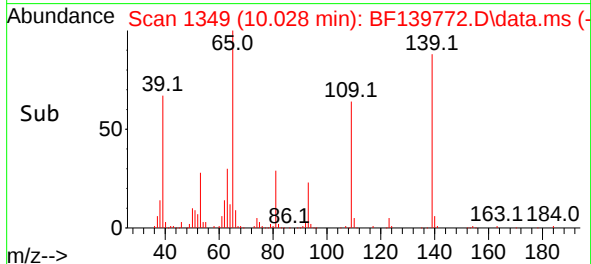
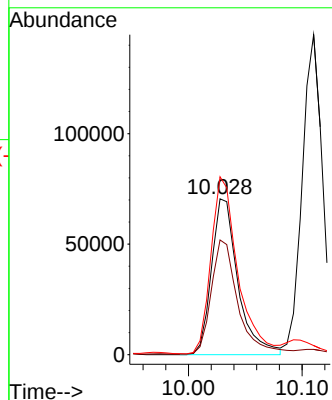
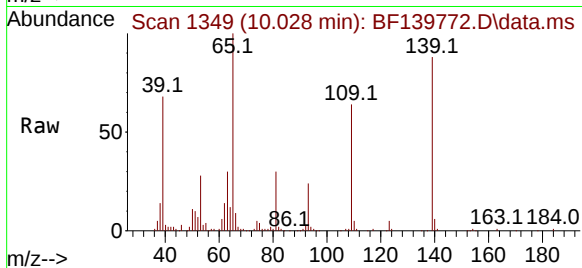




#56
4-Nitrophenol
Concen: 78.521 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

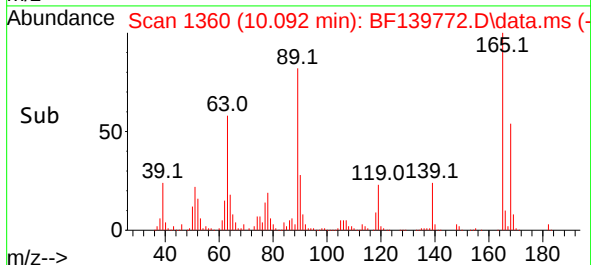
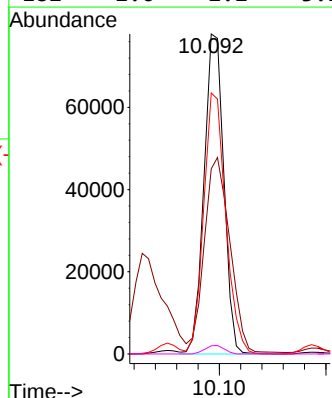
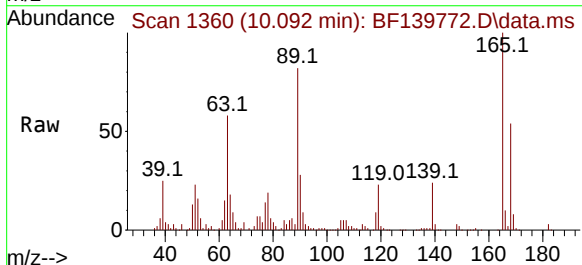
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

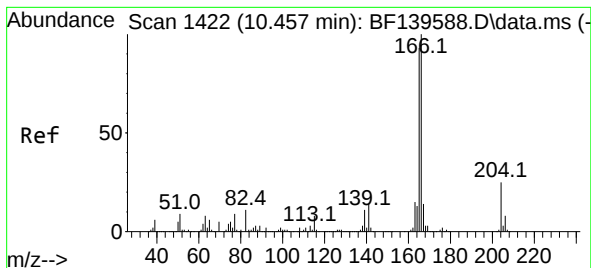
Tgt Ion:139 Resp: 114361
Ion Ratio Lower Upper
139 100
109 73.6 60.3 100.3
65 114.1 100.8 140.8



#57
2,4-Dinitrotoluene
Concen: 41.122 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:165 Resp: 100457
Ion Ratio Lower Upper
165 100
63 57.8 46.9 70.3
89 81.6 64.4 96.6
182 2.6 2.2 3.2





#58

Fluorene

Concen: 44.598 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

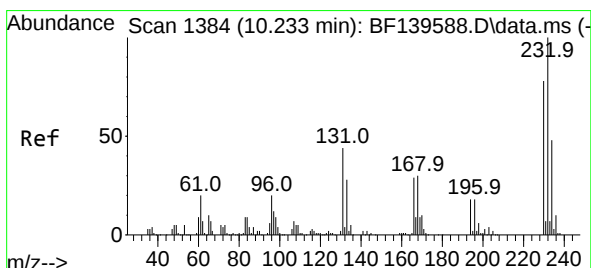
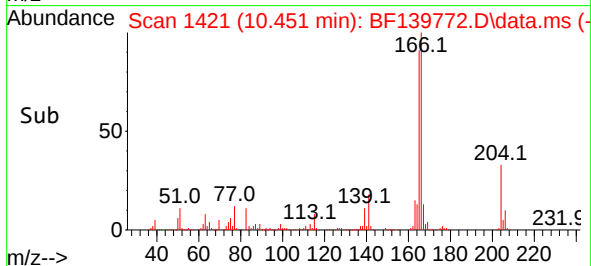
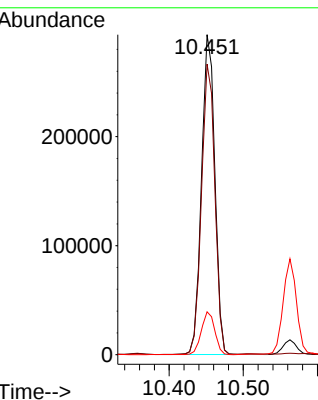
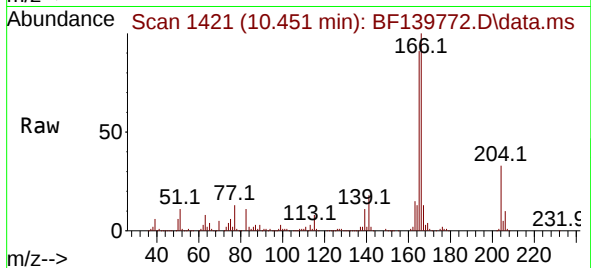
Tgt Ion:166 Resp: 365907

Ion Ratio Lower Upper

166 100

165 90.8 74.4 111.6

167 13.4 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.402 ng

RT: 10.234 min Scan# 1384

Delta R.T. 0.000 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Tgt Ion:232 Resp: 87380

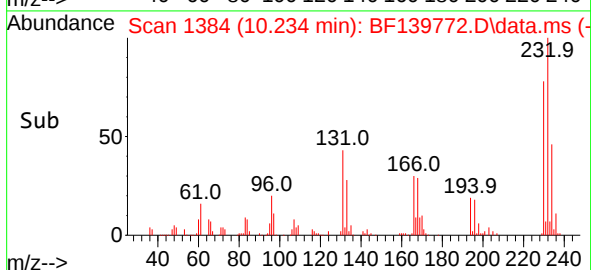
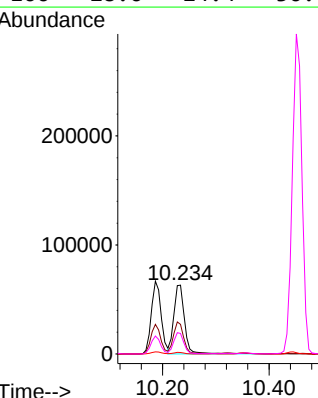
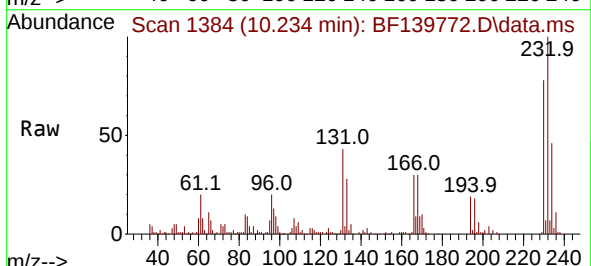
Ion Ratio Lower Upper

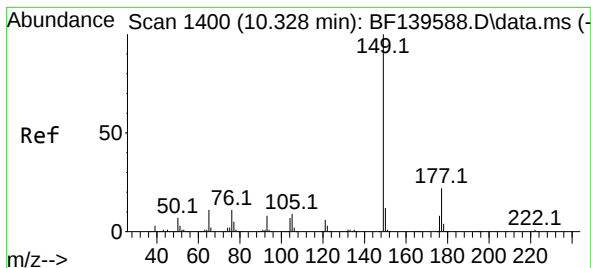
232 100

131 43.1 37.8 56.6

130 2.3 1.9 2.9

166 28.6 24.4 36.6

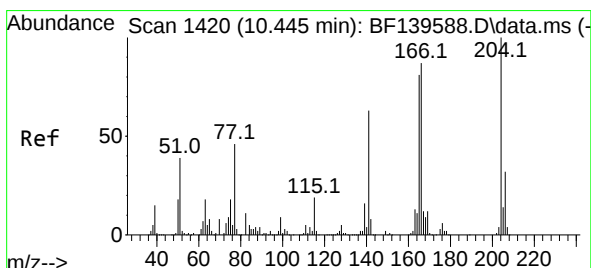
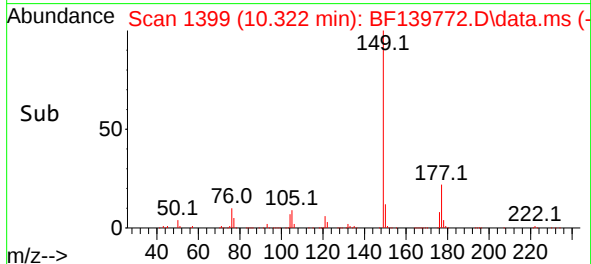
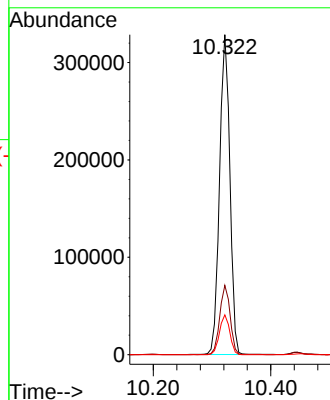
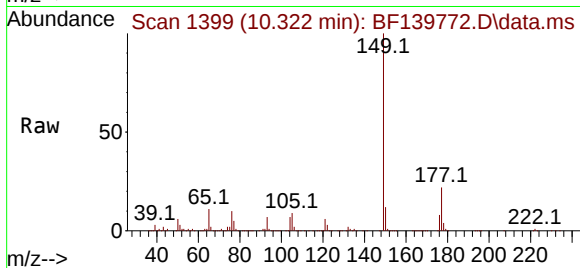




#60
Diethylphthalate
Concen: 46.678 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

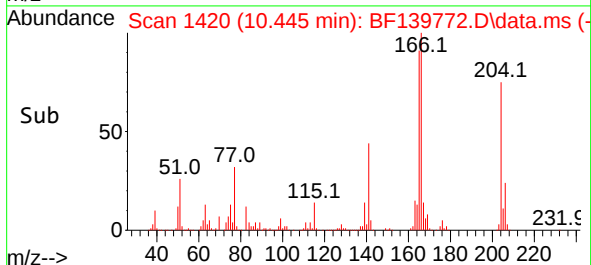
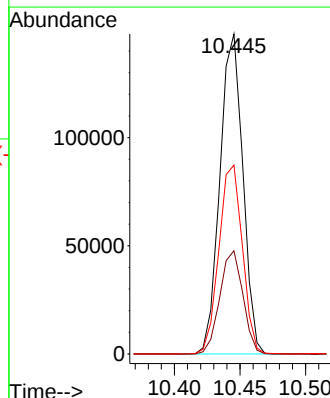
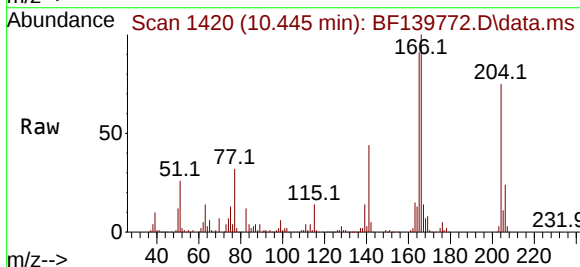
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

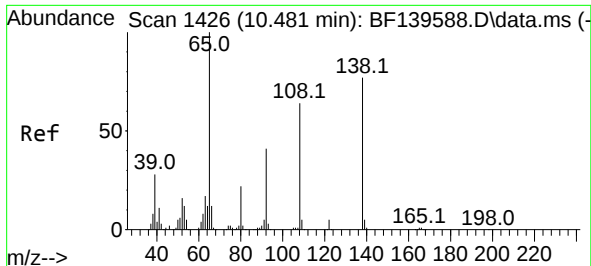
Tgt Ion:149 Resp: 398882
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.5 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 43.747 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:204 Resp: 179568
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 59.0 50.5 75.7

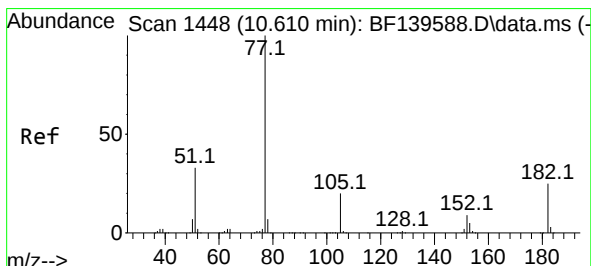
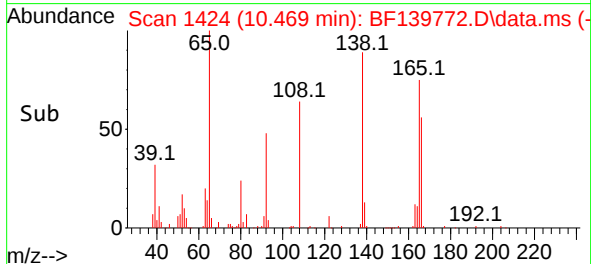
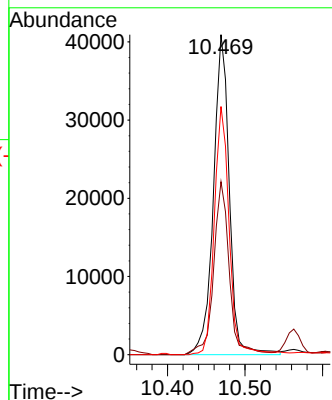
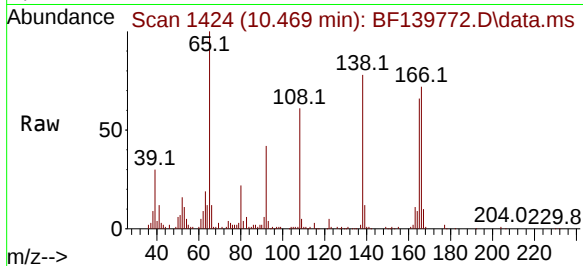




#62
4-Nitroaniline
Concen: 29.876 ng
RT: 10.469 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

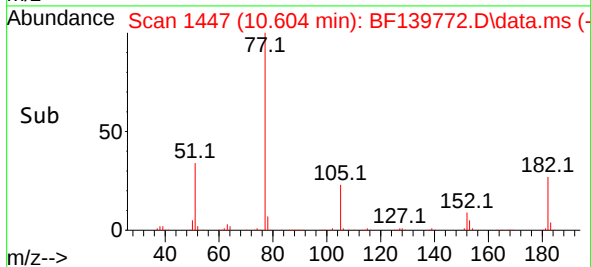
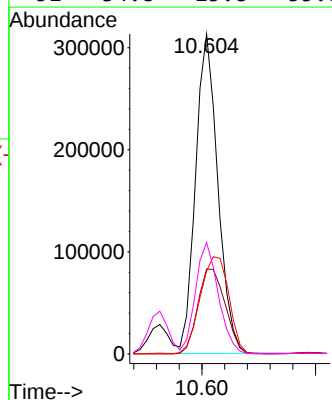
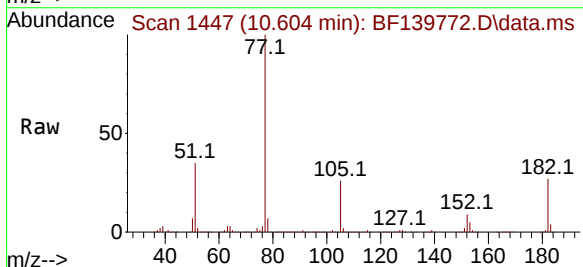
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

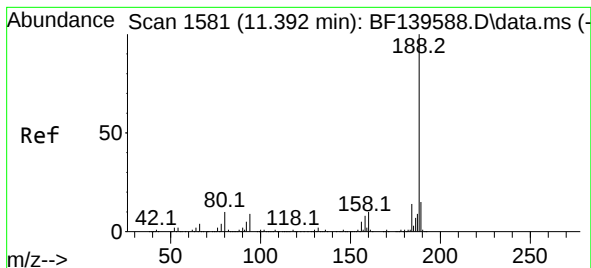
Tgt Ion:138 Resp: 58364
Ion Ratio Lower Upper
138 100
92 54.1 33.3 73.3
108 77.5 62.1 102.1



#63
Azobenzene
Concen: 49.400 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 77 Resp: 424537
Ion Ratio Lower Upper
77 100
182 26.5 4.2 44.2
105 25.9 0.0 39.6
51 34.8 15.8 55.8

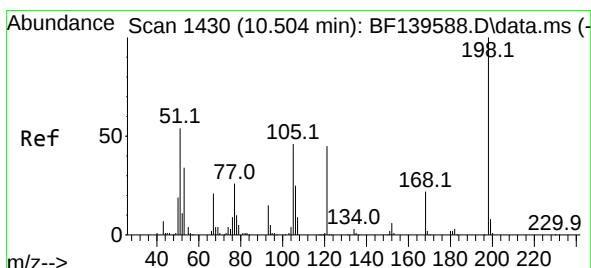
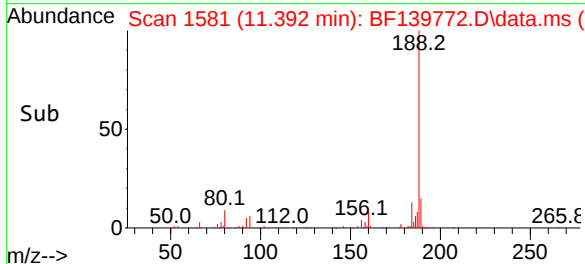
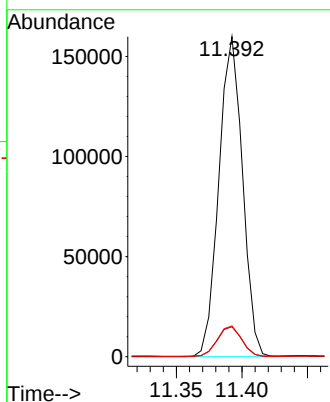
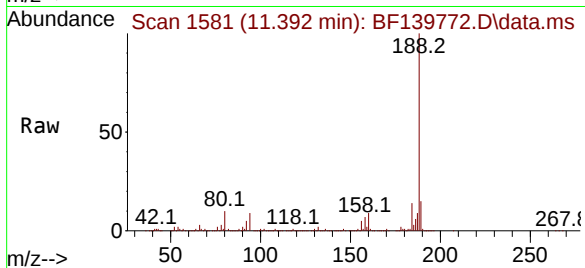




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

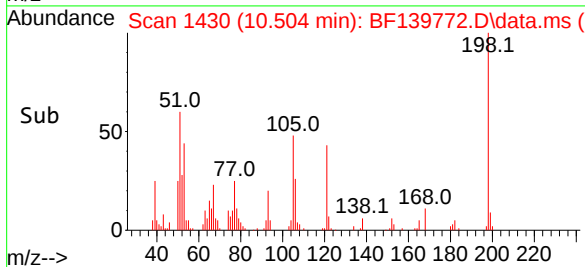
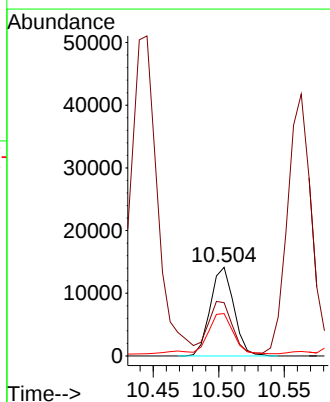
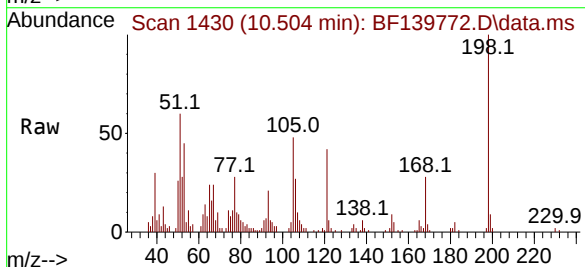
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

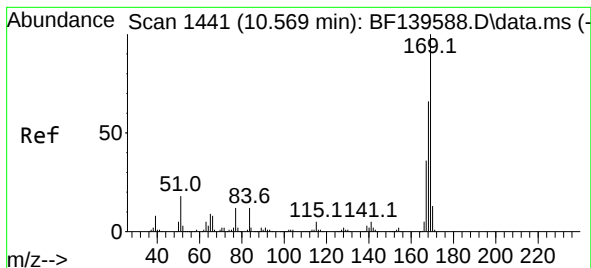
Tgt Ion:188 Resp: 200180
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.6 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 15.604 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:198 Resp: 17641
Ion Ratio Lower Upper
198 100
51 60.1 43.0 83.0
105 47.7 26.6 66.6





#66

n-Nitrosodiphenylamine

Concen: 51.192 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

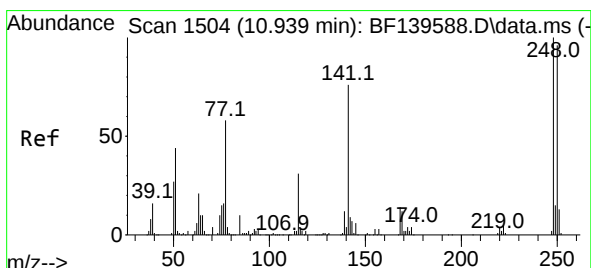
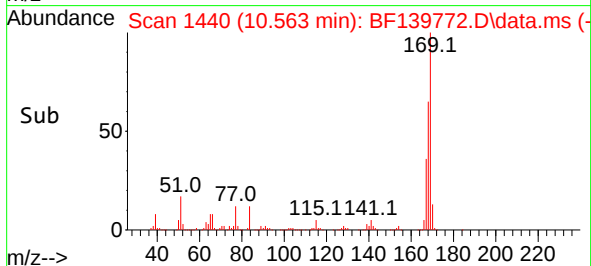
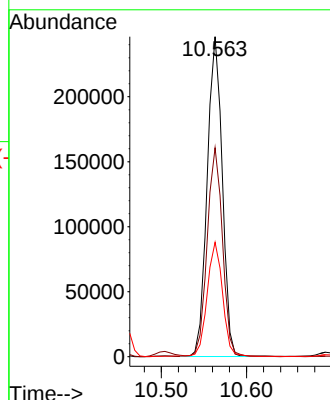
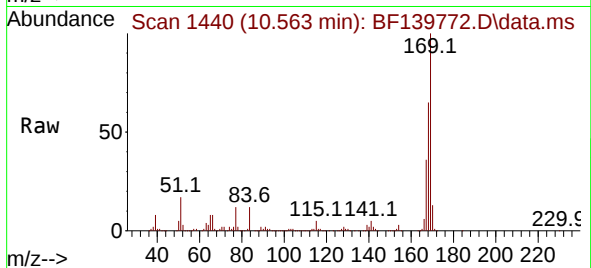
Tgt Ion:169 Resp: 302062

Ion Ratio Lower Upper

169 100

168 65.3 53.2 79.8

167 35.7 28.6 43.0



#67

4-Bromophenyl-phenylether

Concen: 48.672 ng

RT: 10.934 min Scan# 1503

Delta R.T. -0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

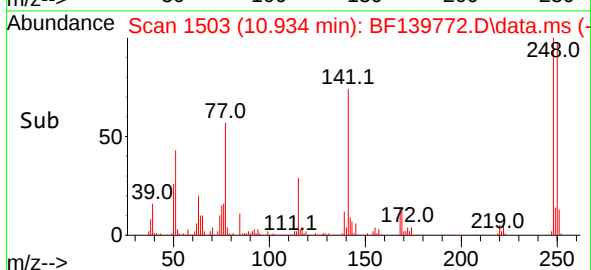
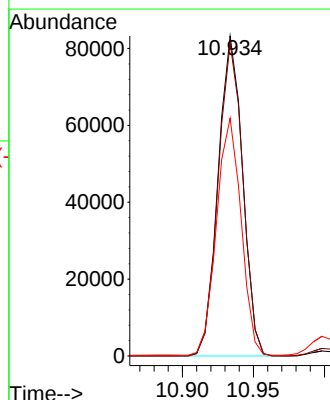
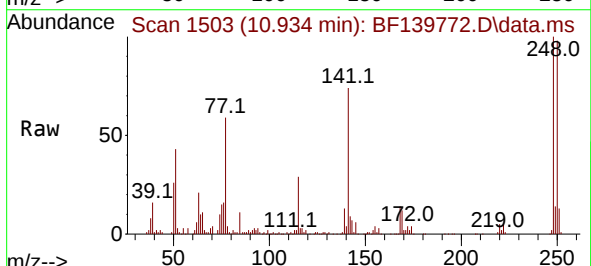
Tgt Ion:248 Resp: 99897

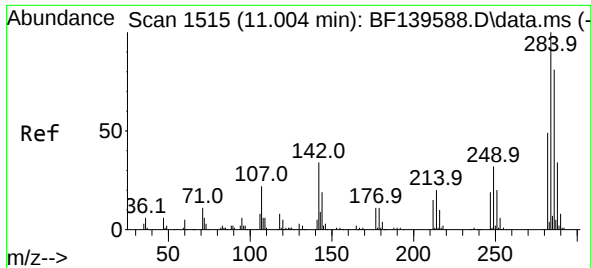
Ion Ratio Lower Upper

248 100

250 97.8 77.1 115.7

141 74.3 60.4 90.6

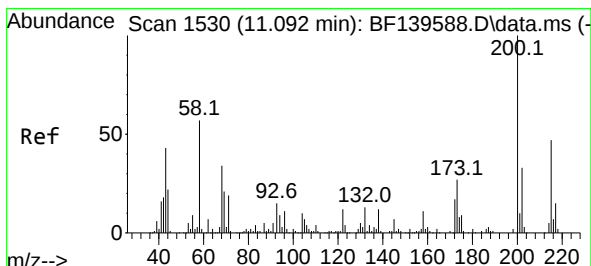
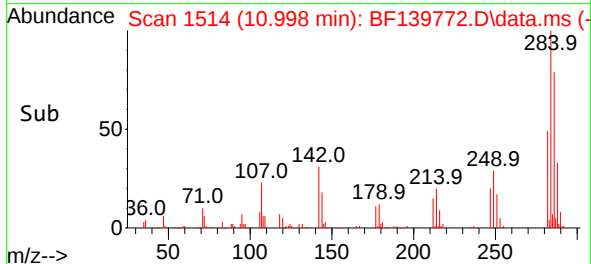
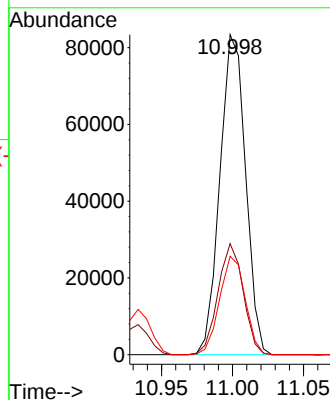
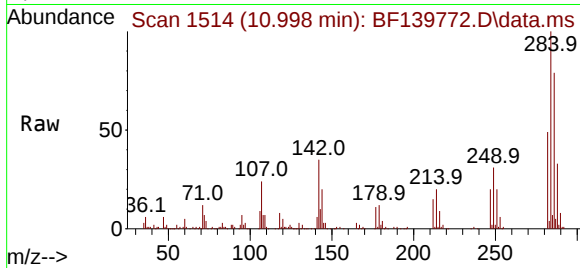




#68
Hexachlorobenzene
Concen: 46.013 ng
RT: 10.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

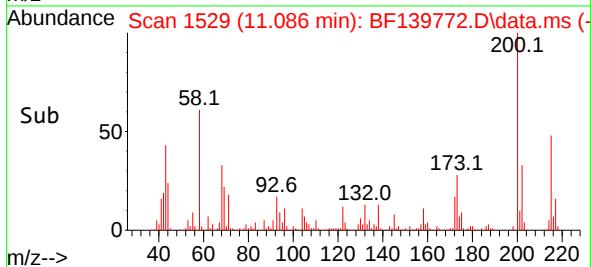
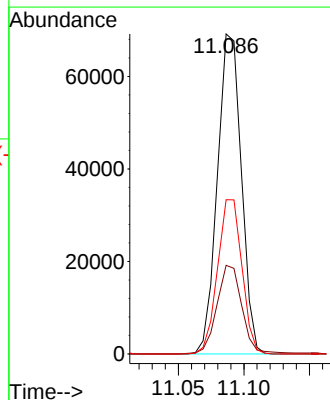
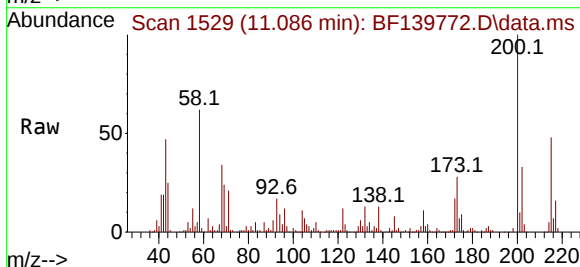
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

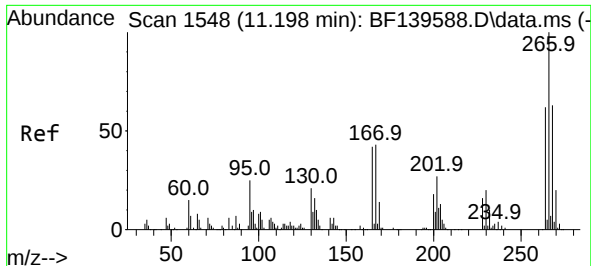
Tgt Ion:284 Resp: 104795
Ion Ratio Lower Upper
284 100
142 34.7 26.9 40.3
249 30.8 25.4 38.0



#69
Atrazine
Concen: 55.500 ng
RT: 11.086 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:200 Resp: 87865
Ion Ratio Lower Upper
200 100
173 27.7 6.7 46.7
215 48.2 27.5 67.5

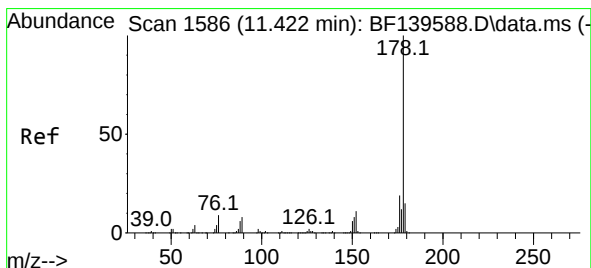
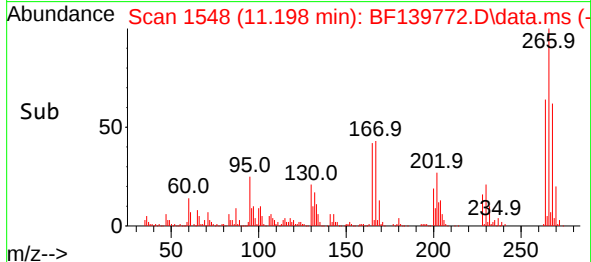
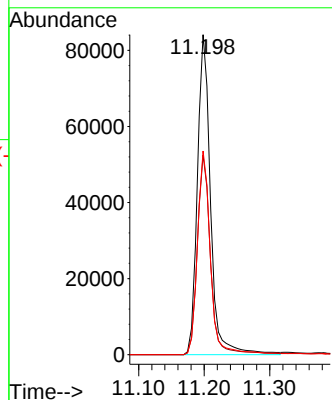
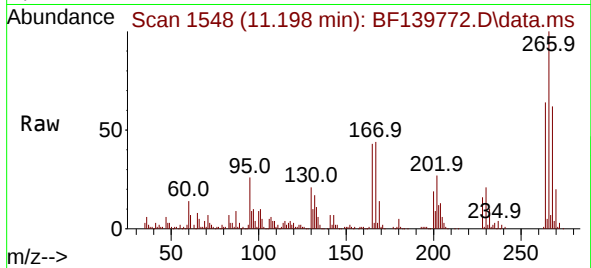




#70
 Pentachlorophenol
 Concen: 86.916 ng
 RT: 11.198 min Scan# 117870
 Delta R.T. 0.000 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

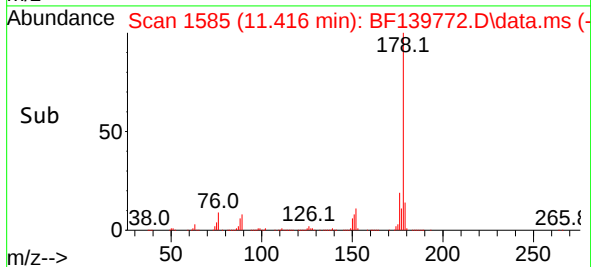
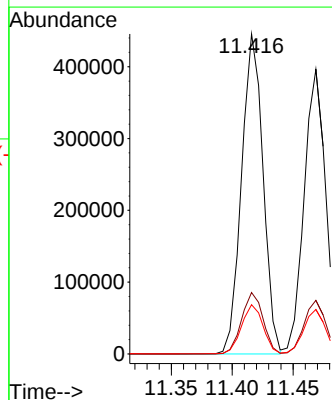
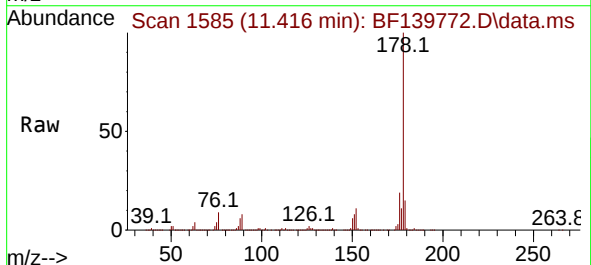
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MS

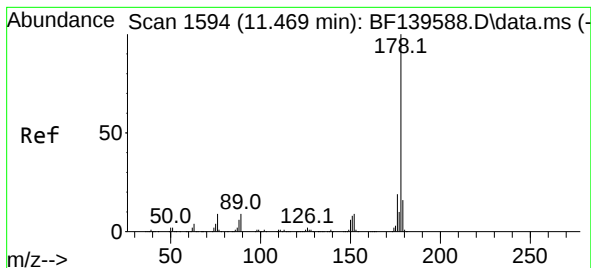
Tgt Ion:266 Resp: 117870
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.0 75.0
 264 63.7 49.3 73.9



#71
 Phenanthrene
 Concen: 57.944 ng
 RT: 11.416 min Scan# 1585
 Delta R.T. -0.006 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

Tgt Ion:178 Resp: 546914
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.4 12.3 18.5





#72

Anthracene

Concen: 52.343 ng

RT: 11.469 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

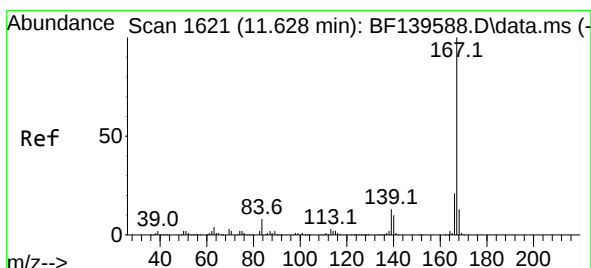
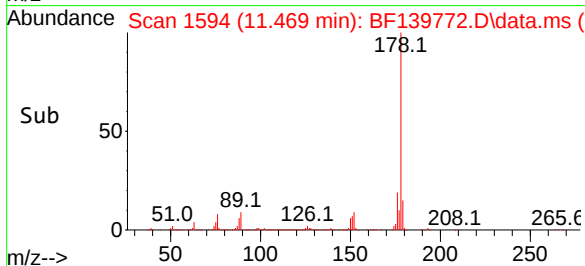
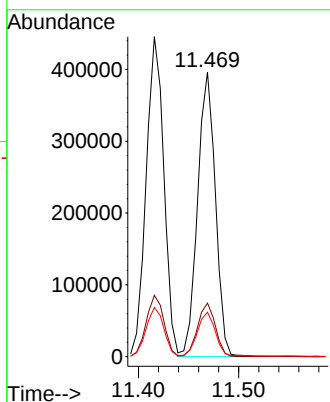
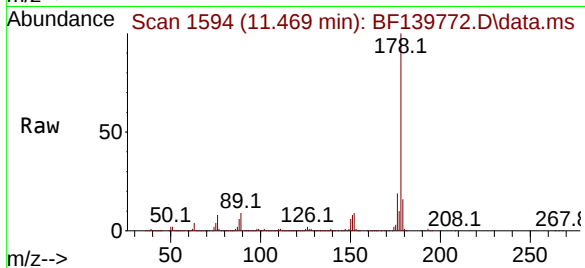
Tgt Ion:178 Resp: 488760

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.6 12.5 18.7



#73

Carbazole

Concen: 50.038 ng

RT: 11.622 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

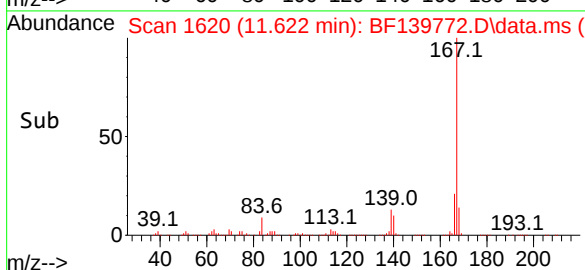
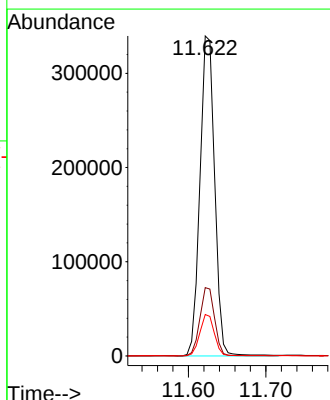
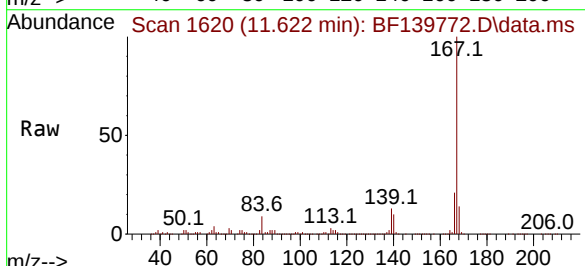
Tgt Ion:167 Resp: 448764

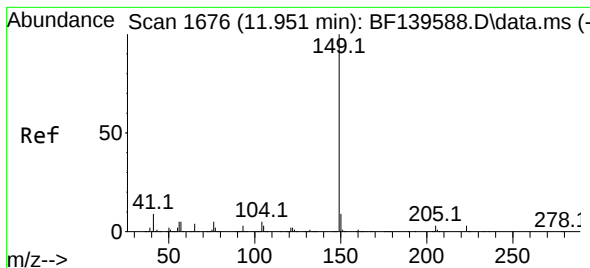
Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.0 10.3 15.5

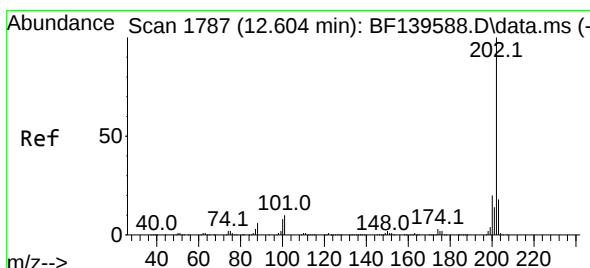
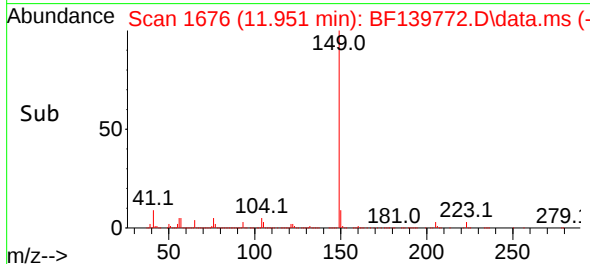
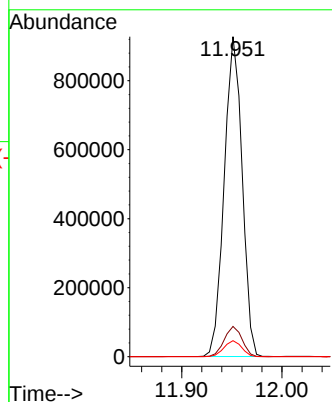
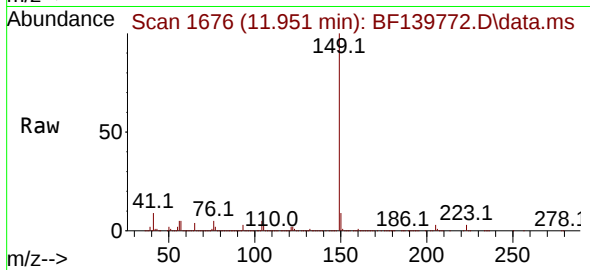




#74
Di-n-butylphthalate
Concen: 105.418 ng
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

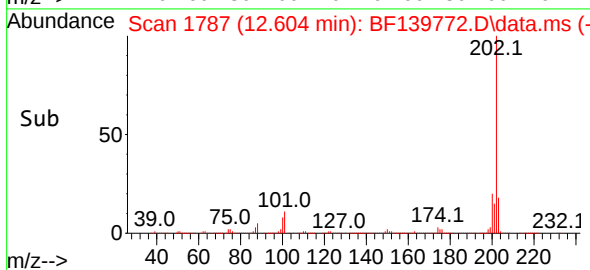
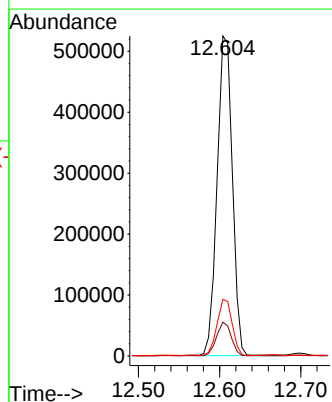
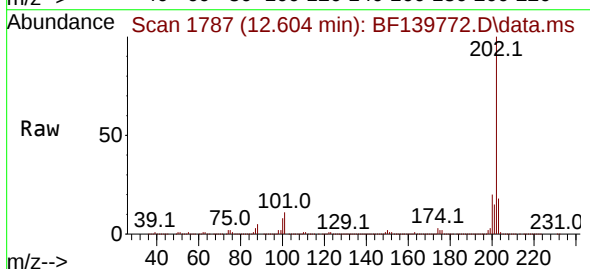
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

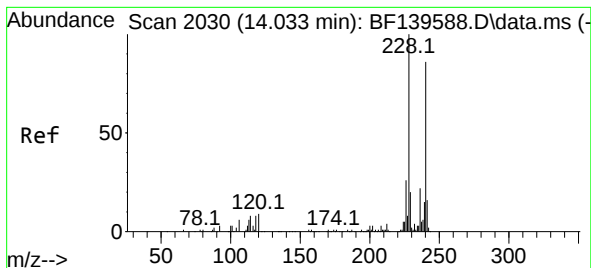
Tgt Ion:149 Resp: 1149673
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.0 4.1 6.1



#75
Fluoranthene
Concen: 66.605 ng
RT: 12.604 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:202 Resp: 687223
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.7 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: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

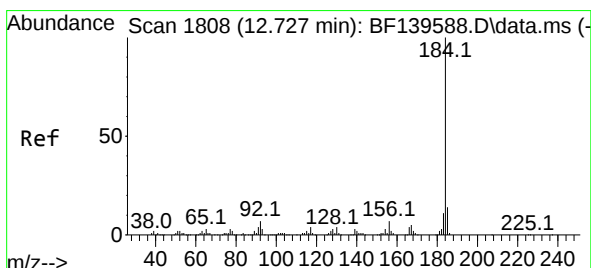
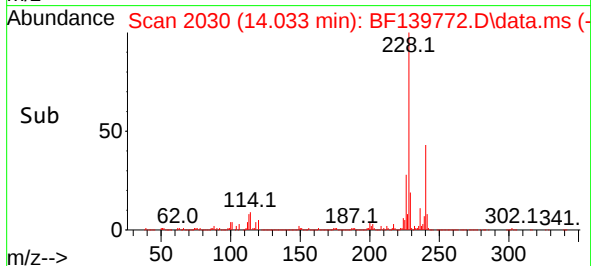
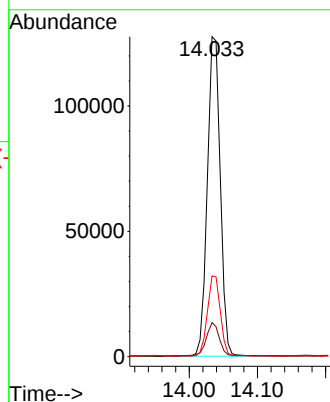
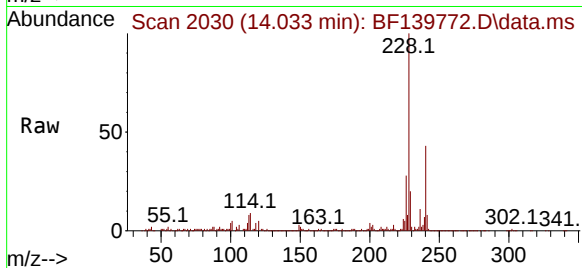
Tgt Ion:240 Resp: 168877

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 17.626 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

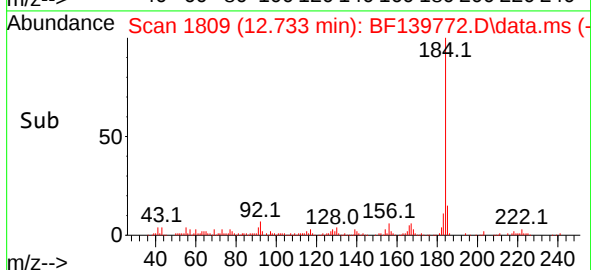
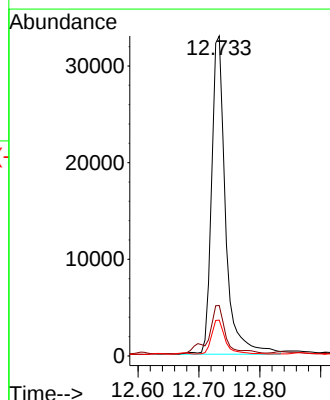
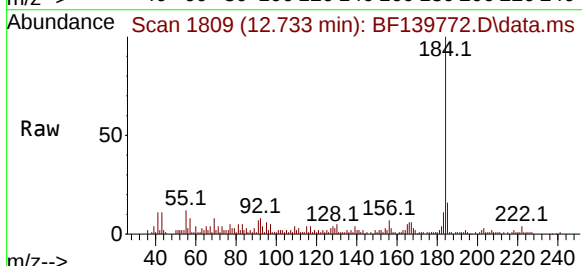
Tgt Ion:184 Resp: 52505

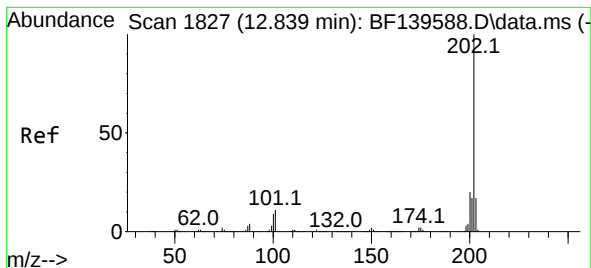
Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.0

183 11.2 8.8 13.2





#78

Pyrene

Concen: 46.804 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

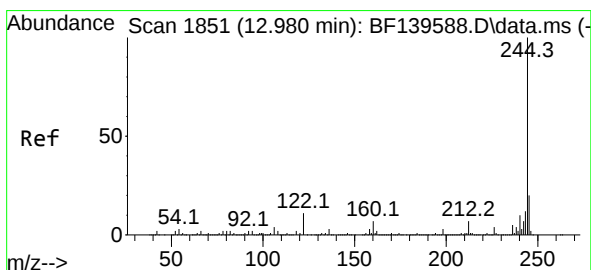
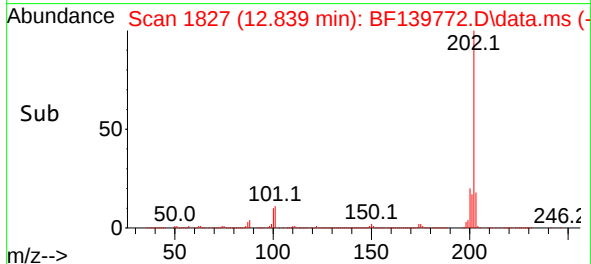
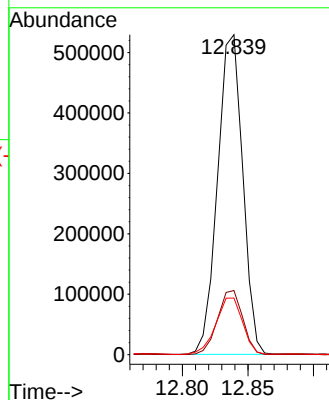
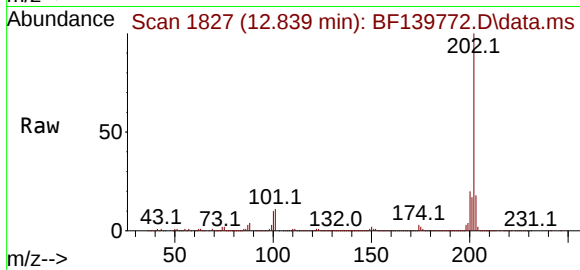
Tgt Ion:202 Resp: 706938

Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.6

203 17.7 13.8 20.8



#79

Terphenyl-d14

Concen: 53.405 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

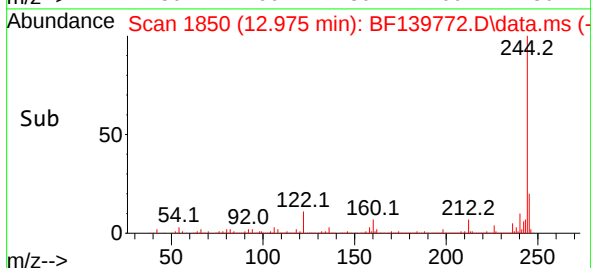
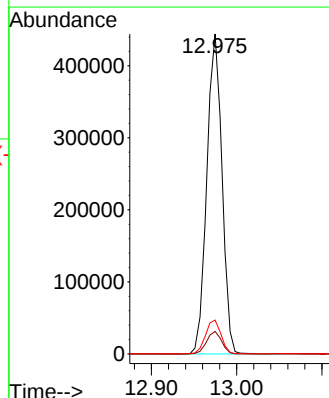
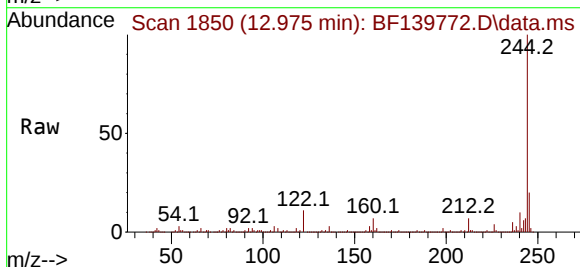
Tgt Ion:244 Resp: 549648

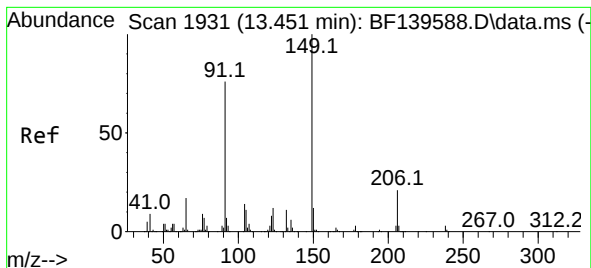
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.6 8.6 12.8





#80

Butylbenzylphthalate

Concen: 45.010 ng

RT: 13.451 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

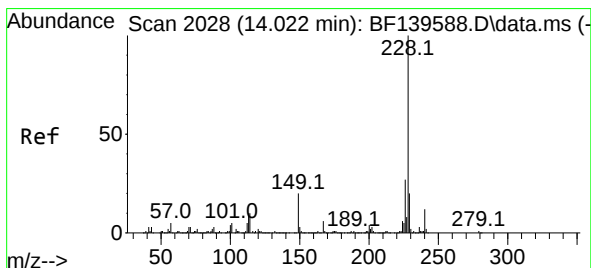
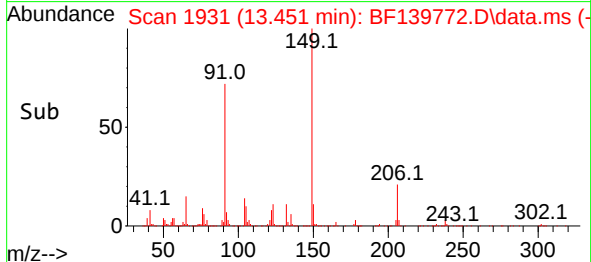
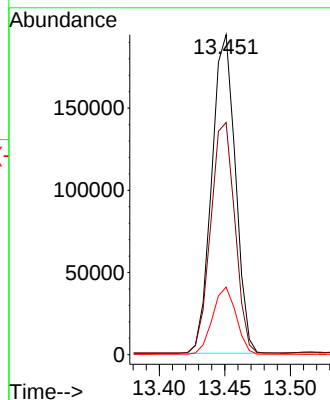
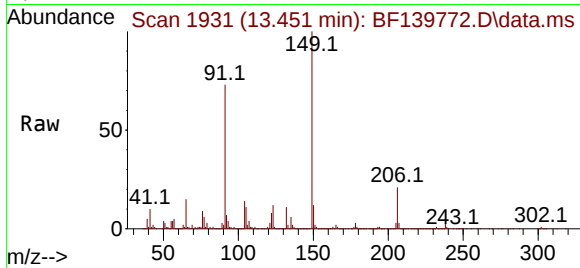
Tgt Ion:149 Resp: 243170

Ion Ratio Lower Upper

149 100

91 72.6 61.0 91.4

206 21.1 16.6 24.8



#81

Benzo(a)anthracene

Concen: 55.894 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

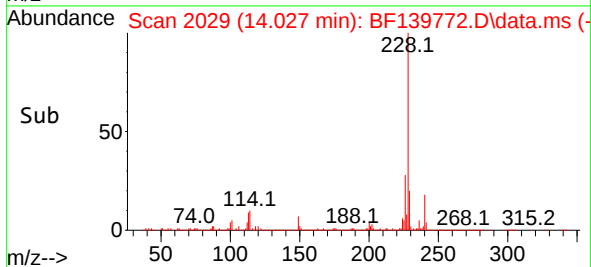
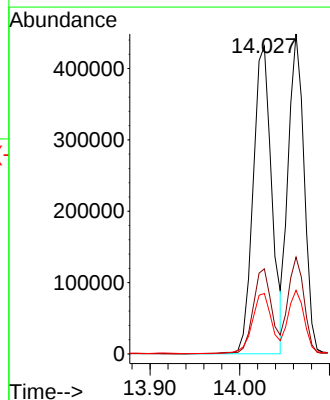
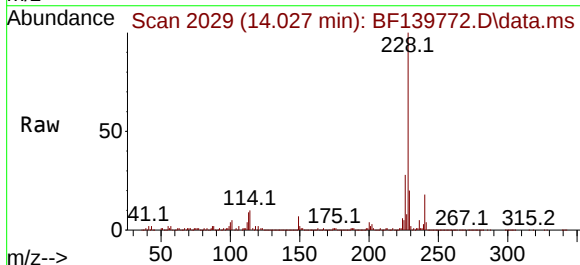
Tgt Ion:228 Resp: 620596

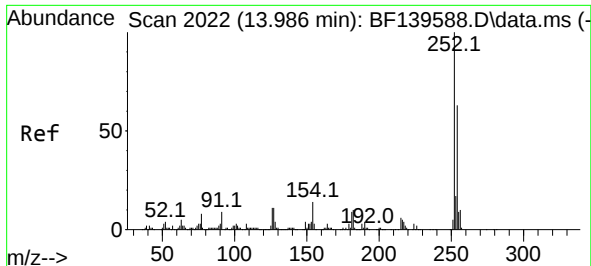
Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 19.7 15.8 23.8

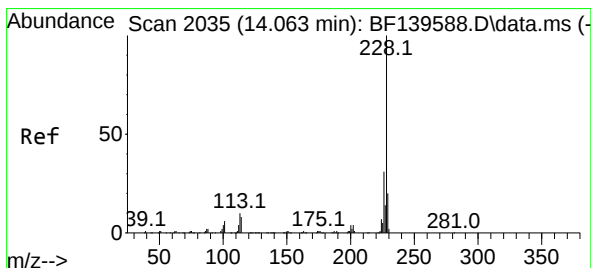
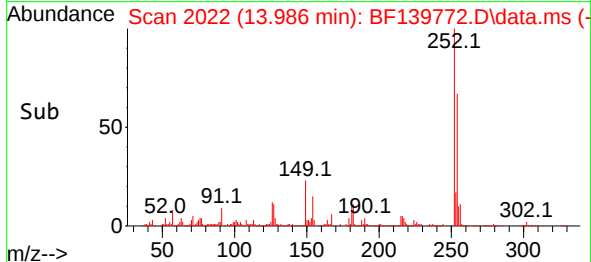
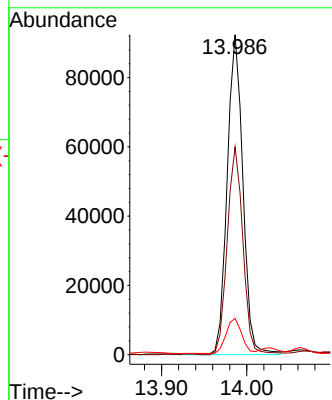
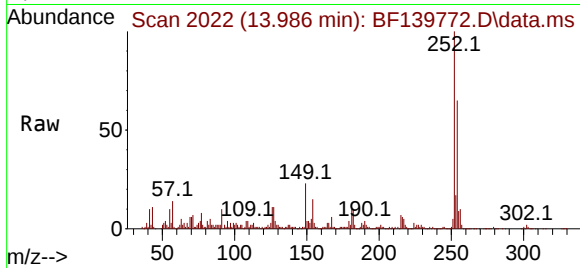




#82
 3,3'-Dichlorobenzidine
 Concen: 34.837 ng
 RT: 13.986 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

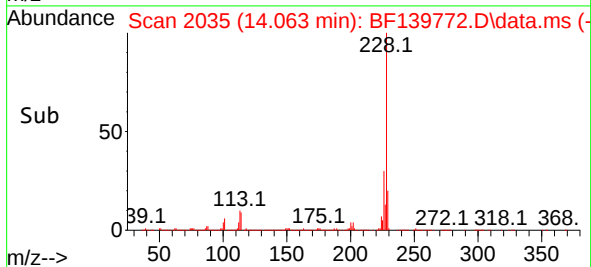
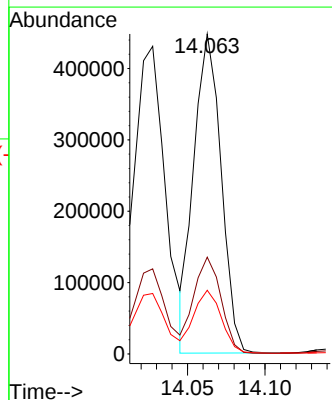
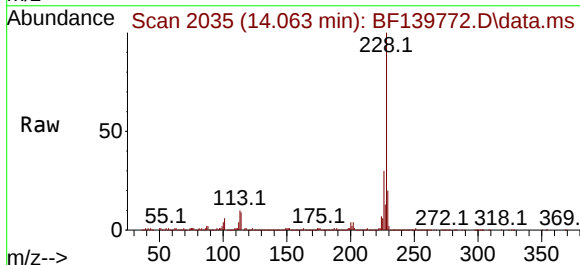
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MS

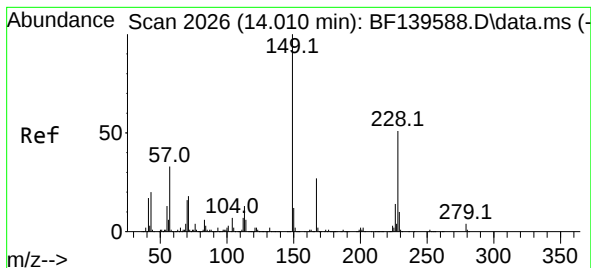
Tgt Ion:252 Resp: 118378
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.5 75.7
 126 11.4 8.8 13.2



#83
 Chrysene
 Concen: 53.920 ng
 RT: 14.063 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

Tgt Ion:228 Resp: 547338
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 19.9 15.7 23.5

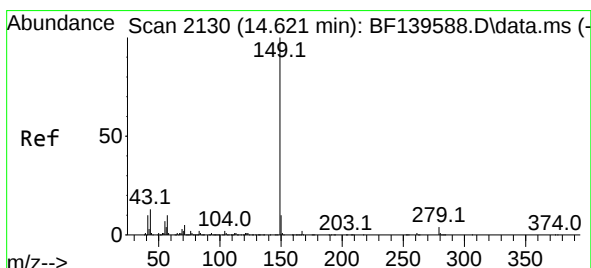
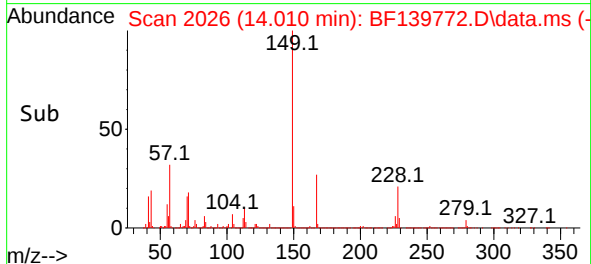
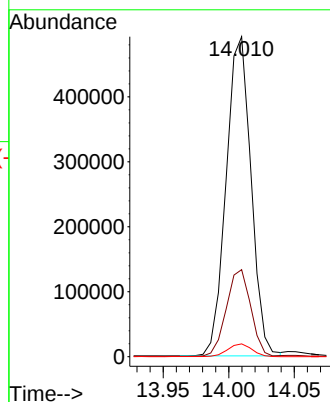
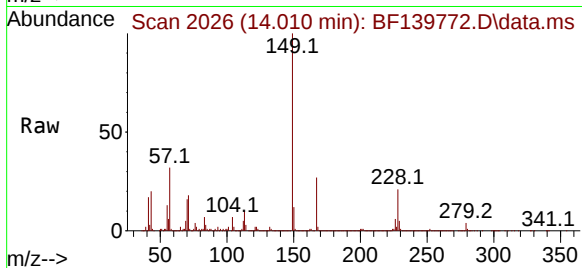




#84
Bis(2-ethylhexyl)phthalate
Concen: 96.133 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

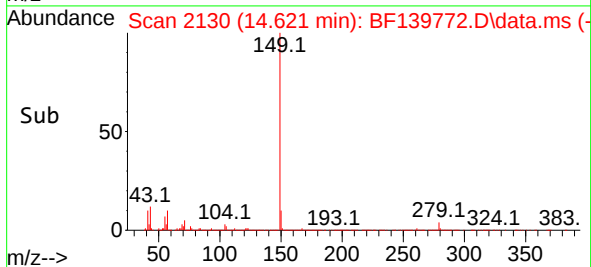
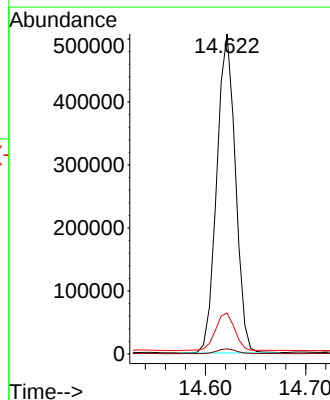
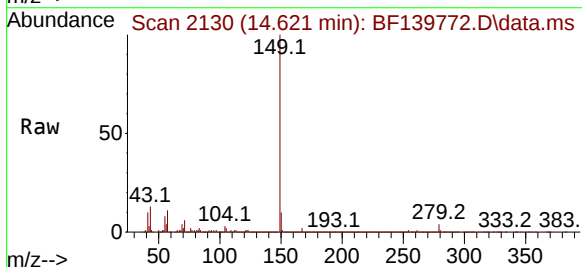
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

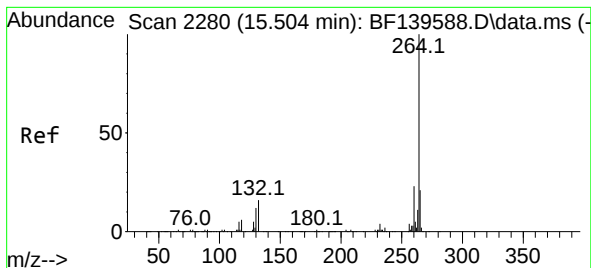
Tgt Ion:149 Resp: 648538
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 4.0 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 66.061 ng
RT: 14.621 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:149 Resp: 654737
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

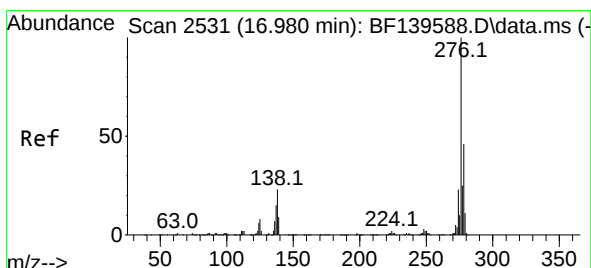
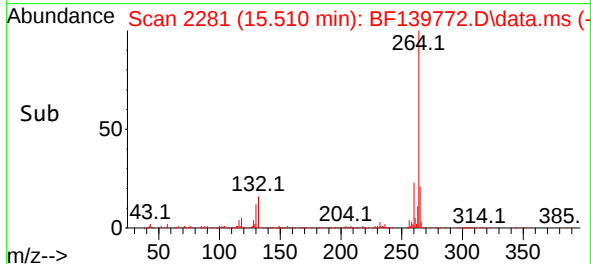
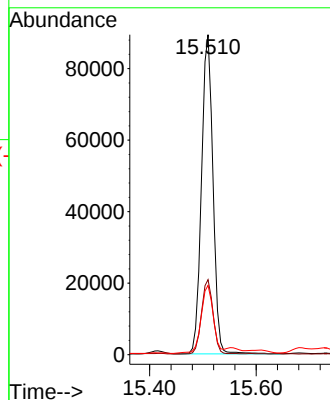
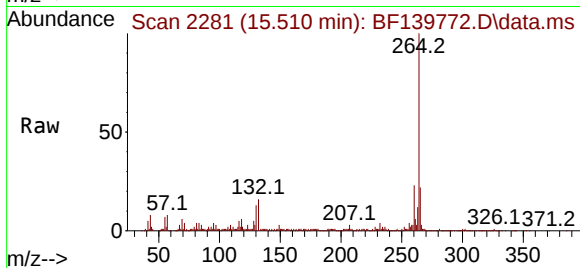
Tgt Ion:264 Resp: 133308

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 44.991 ng

RT: 16.992 min Scan# 2533

Delta R.T. 0.012 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

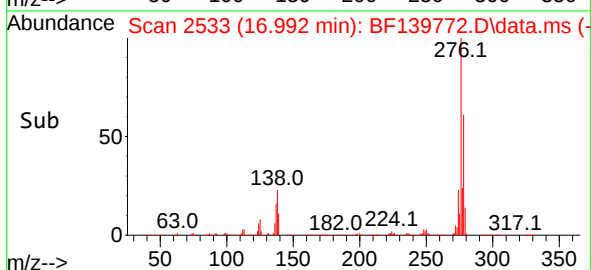
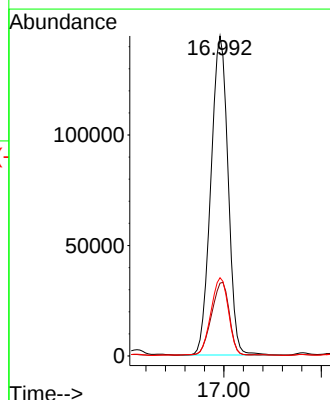
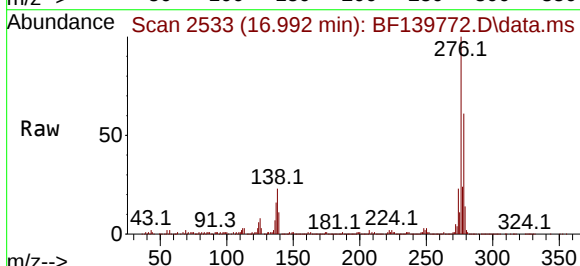
Tgt Ion:276 Resp: 353011

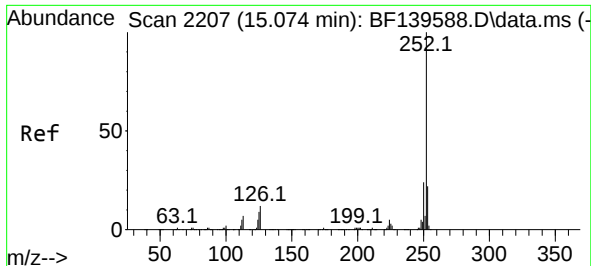
Ion Ratio Lower Upper

276 100

138 24.0 19.4 29.0

277 24.5 20.2 30.2

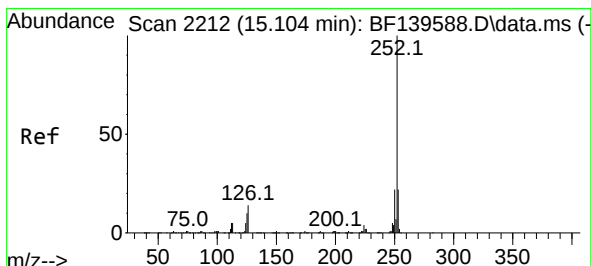
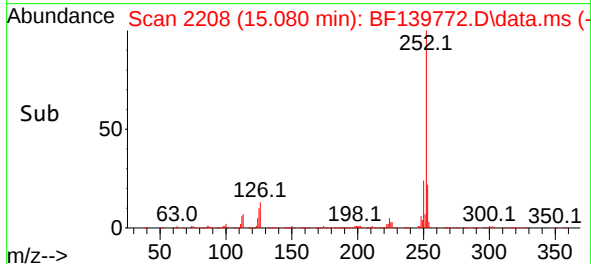
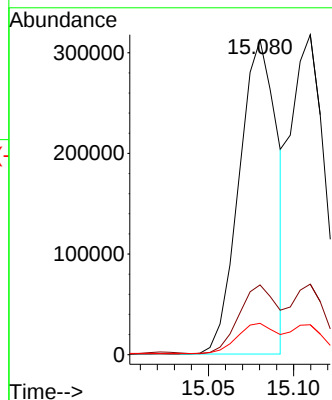
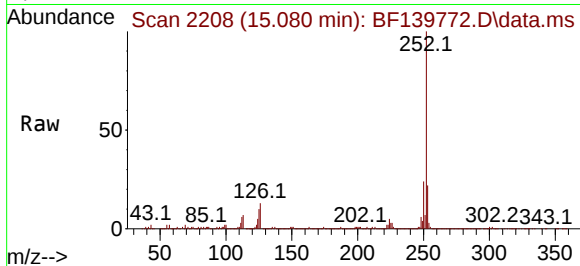




#88
Benzo(b)fluoranthene
Concen: 56.031 ng
RT: 15.080 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

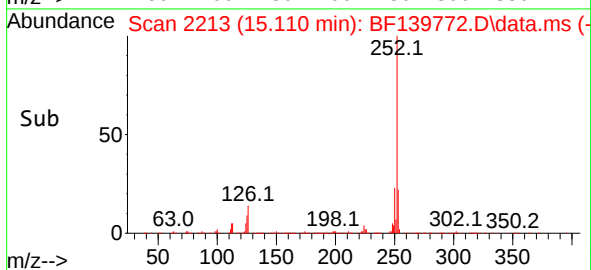
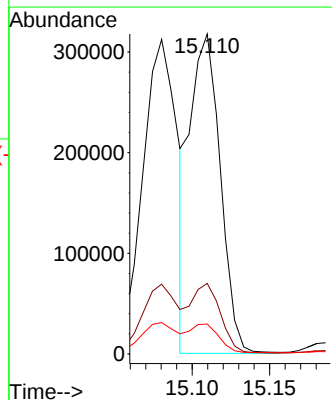
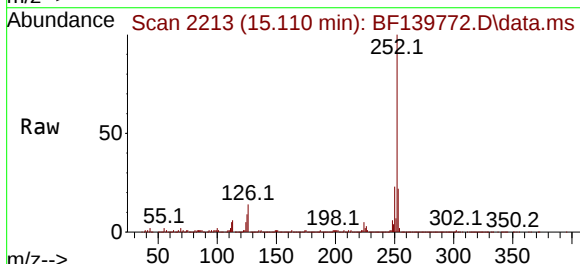
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

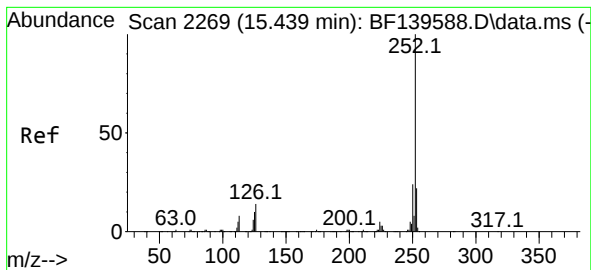
Tgt Ion:252 Resp: 482956
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.0 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 58.998 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF139772.D
Acq: 11 Oct 2024 13:51

Tgt Ion:252 Resp: 431374
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.3 7.6 11.4





#90

Benzo(a)pyrene

Concen: 59.564 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MS

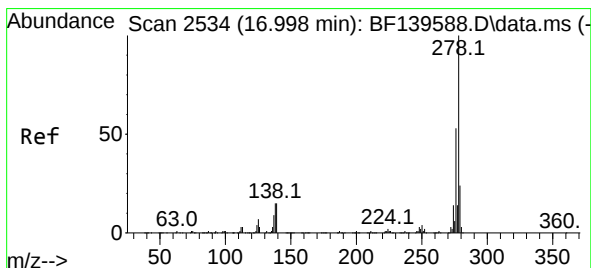
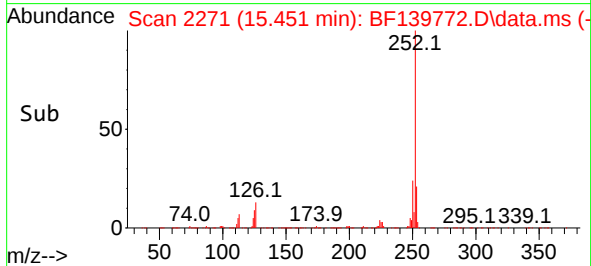
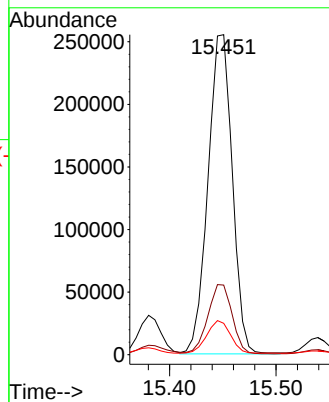
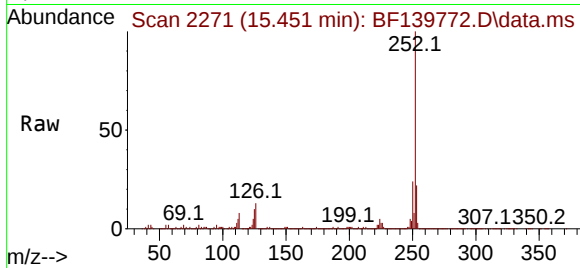
Tgt Ion:252 Resp: 404820

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.8 8.3 12.5



#91

Dibenzo(a,h)anthracene

Concen: 42.426 ng

RT: 17.004 min Scan# 2535

Delta R.T. 0.006 min

Lab File: BF139772.D

Acq: 11 Oct 2024 13:51

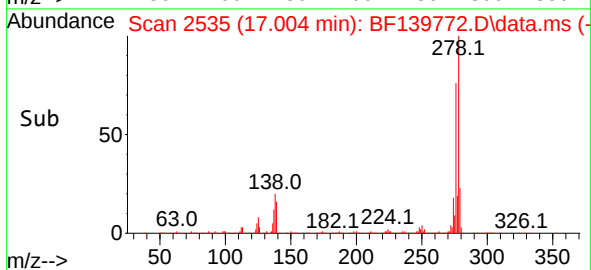
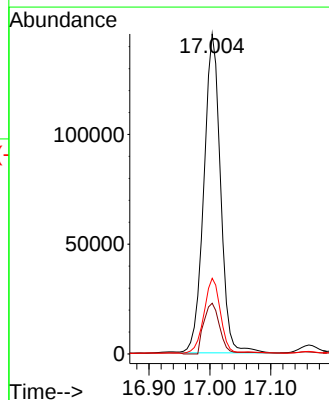
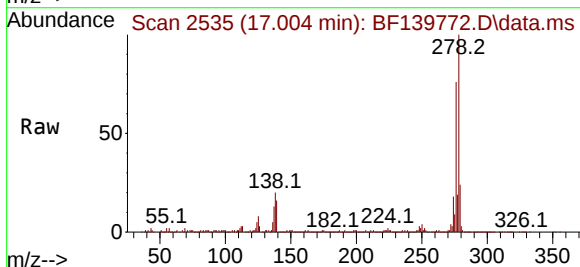
Tgt Ion:278 Resp: 276100

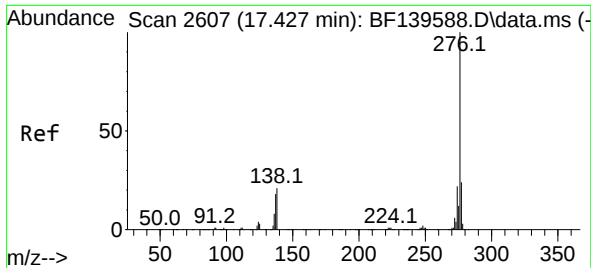
Ion Ratio Lower Upper

278 100

139 15.8 12.2 18.4

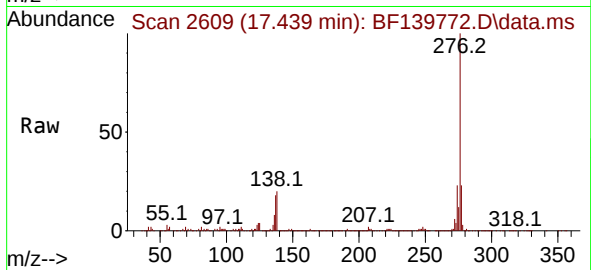
279 23.7 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 41.450 ng
 RT: 17.439 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF139772.D
 Acq: 11 Oct 2024 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MS



Tgt Ion:	276	Resp:	270531
Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	20.5	17.0	25.6

