

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139932.D
 Acq On : 22 Oct 2024 16:59
 Operator : RC/JU
 Sample : P4419-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD

Quant Time: Oct 22 17:29:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	138748	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	523454	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	277058	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	425203	20.000	ng	0.00
76) Chrysene-d12	14.057	240	290316	20.000	ng	0.00
86) Perylene-d12	15.527	264	350694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1181466	133.304	ng	0.02
7) Phenol-d6	6.516	99	1422949	123.962	ng	0.00
23) Nitrobenzene-d5	7.451	82	1025166	108.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	391405	151.033	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1750740	104.435	ng	0.00
79) Terphenyl-d14	12.998	244	1530395	85.898	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.852	88	171692	41.549	ng	# 81
3) Pyridine	3.563	79	407709	39.805	ng	98
4) n-Nitrosodimethylamine	3.499	42	245272	44.569	ng	97
6) Aniline	6.557	93	225996	21.125	ng	96
8) 2-Chlorophenol	6.675	128	463587	51.165	ng	99
9) Benzaldehyde	6.446	77	58737	9.096	ng	97
10) Phenol	6.528	94	523655	44.249	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	452755	49.498	ng	99
12) 1,3-Dichlorobenzene	6.834	146	474895	45.659	ng	99
13) 1,4-Dichlorobenzene	6.910	146	479610	46.156	ng	99
14) 1,2-Dichlorobenzene	7.063	146	462280	47.668	ng	98
15) Benzyl Alcohol	7.028	79	435001	51.661	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	753890	48.336	ng	99
17) 2-Methylphenol	7.134	107	384589	49.779	ng	99
18) Hexachloroethane	7.404	117	171232	46.211	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	340994	48.980	ng	98
20) 3+4-Methylphenols	7.287	107	471130	47.675	ng	98
22) Acetophenone	7.298	105	635302	49.551	ng	99
24) Nitrobenzene	7.475	77	509423	49.196	ng	98
25) Isophorone	7.710	82	923720	51.530	ng	99
26) 2-Nitrophenol	7.787	139	234486	60.025	ng	96
27) 2,4-Dimethylphenol	7.816	122	385728	59.217	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	553814	50.992	ng	100
29) 2,4-Dichlorophenol	8.022	162	382652	51.574	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	395619	48.189	ng	99
31) Naphthalene	8.193	128	1336346	49.500	ng	100
32) Benzoic acid	7.916	122	250906	44.163	ng	95
33) 4-Chloroaniline	8.234	127	73874	8.025	ng	98
34) Hexachlorobutadiene	8.310	225	253755	49.194	ng	98
35) Caprolactam	8.598	113	79016	33.494	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	407634	49.618	ng	97
37) 2-Methylnaphthalene	8.887	142	846044	51.171	ng	100
38) 1-Methylnaphthalene	8.987	142	789047	48.642	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	398976	53.378	ng	99
41) Hexachlorocyclopentadiene	9.040	237	450273	173.129	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	288833	54.580	ng	100

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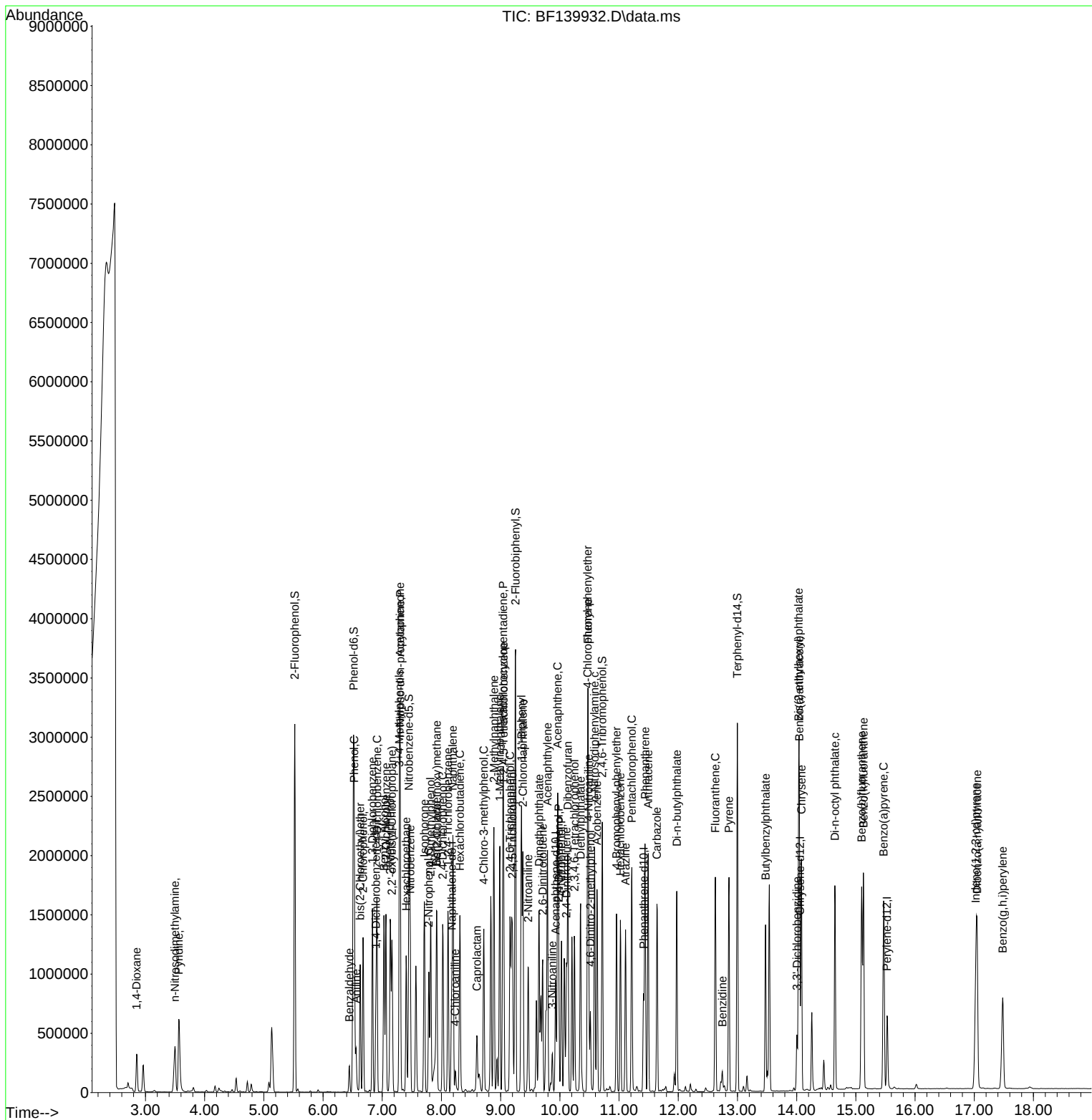
Quant Time: Oct 22 17:29:52 2024
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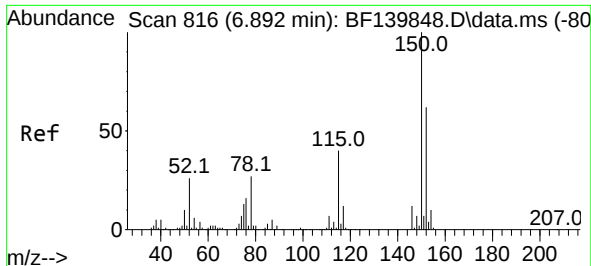
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	280441	51.364	ng	99
46) 1,1'-Biphenyl	9.351	154	1019864	52.878	ng	99
47) 2-Chloronaphthalene	9.375	162	810359	52.166	ng	99
48) 2-Nitroaniline	9.463	65	262607	55.273	ng	97
49) Acenaphthylene	9.792	152	1229494	54.747	ng	99
50) Dimethylphthalate	9.651	163	906003	52.500	ng	100
51) 2,6-Dinitrotoluene	9.710	165	194900	52.160	ng	97
52) Acenaphthene	9.963	154	829832	57.120	ng	100
53) 3-Nitroaniline	9.875	138	66235	17.189	ng	95
54) 2,4-Dinitrophenol	9.981	184	174070	109.503	ng	# 1
55) Dibenzofuran	10.134	168	1082199	51.919	ng	99
56) 4-Nitrophenol	10.028	139	273307	92.192	ng	97
57) 2,4-Dinitrotoluene	10.110	165	251738	54.785	ng	98
58) Fluorene	10.475	166	783612	49.358	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	223898	52.311	ng	97
60) Diethylphthalate	10.351	149	848123	50.054	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	407249	50.795	ng	99
62) 4-Nitroaniline	10.486	138	165645	45.516	ng	96
63) Azobenzene	10.628	77	883104	49.161	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	119844	69.099	ng	93
66) n-Nitrosodiphenylamine	10.586	169	726889	57.118	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	255354	58.295	ng	97
68) Hexachlorobenzene	11.022	284	273994	55.617	ng	99
69) Atrazine	11.110	200	221014	64.111	ng	99
70) Pentachlorophenol	11.216	266	315017	105.360	ng	99
71) Phenanthrene	11.439	178	1075089	53.528	ng	100
72) Anthracene	11.492	178	1092209	55.735	ng	100
73) Carbazole	11.639	167	912960	50.094	ng	99
74) Di-n-butylphthalate	11.975	149	1158274	55.009	ng	99
75) Fluoranthene	12.628	202	1008065	49.648	ng	99
77) Benzidine	12.745	184	85050	17.816	ng	99
78) Pyrene	12.857	202	1036554	40.790	ng	99
80) Butylbenzylphthalate	13.475	149	437486	57.423	ng	99
81) Benzo(a)anthracene	14.045	228	1007528	53.312	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	140100	25.426	ng	99
83) Chrysene	14.080	228	930561	53.703	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	596740	69.813	ng	# 99
85) Di-n-octyl phthalate	14.645	149	1130644	72.723	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	1032579	45.768	ng	98
88) Benzo(b)fluoranthene	15.098	252	1193133	55.851	ng	100
89) Benzo(k)fluoranthene	15.127	252	937254	50.872	ng	100
90) Benzo(a)pyrene	15.469	252	1024977	58.310	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	863782	45.895	ng	98
92) Benzo(g,h,i)perylene	17.480	276	726513	38.645	ng	99

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

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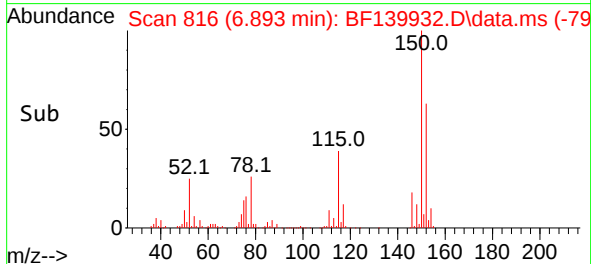
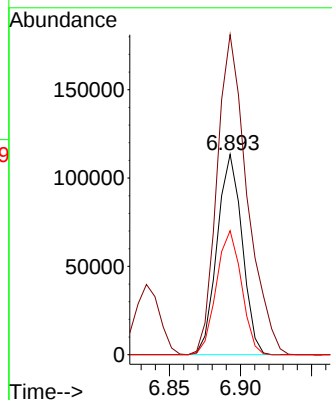
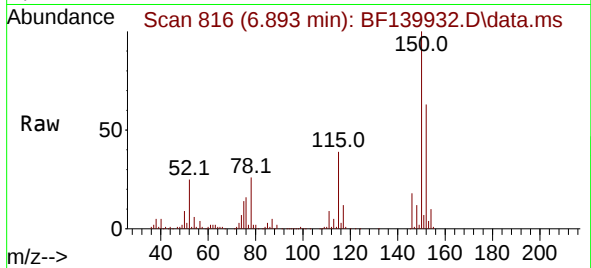




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139932.D
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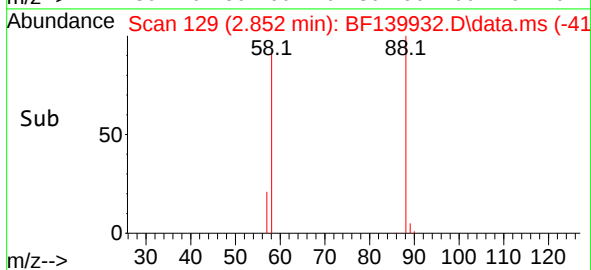
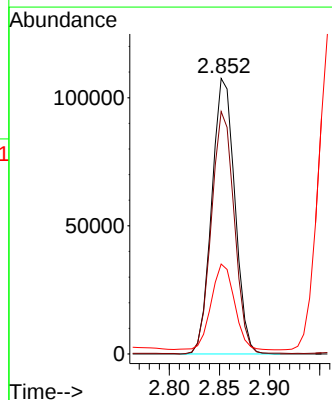
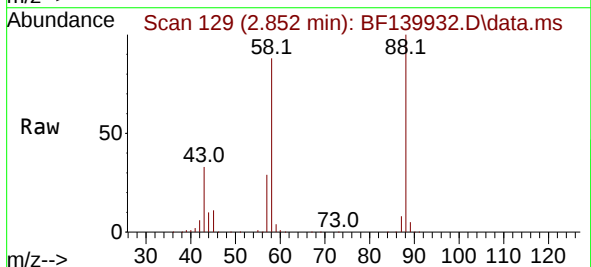
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

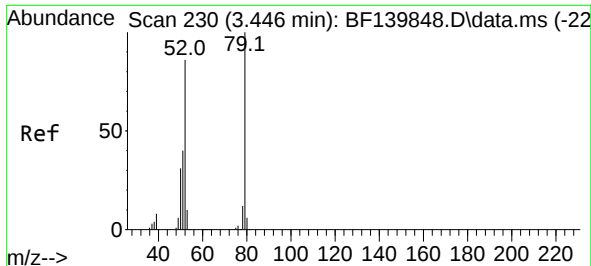
Tgt Ion:152 Resp: 138748
Ion Ratio Lower Upper
152 100
150 159.8 130.2 195.2
115 61.9 51.4 77.2



#2
1,4-Dioxane
Concen: 41.549 ng
RT: 2.852 min Scan# 129
Delta R.T. 0.165 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 88 Resp: 171692
Ion Ratio Lower Upper
88 100
58 87.5 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 39.805 ng

RT: 3.563 min Scan# 21

Delta R.T. 0.118 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

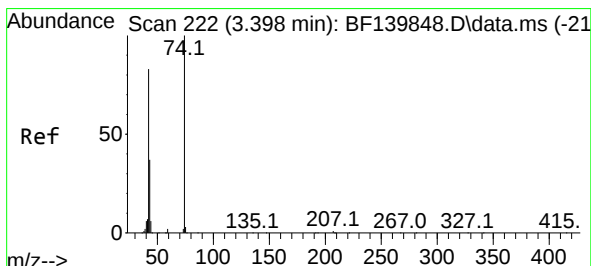
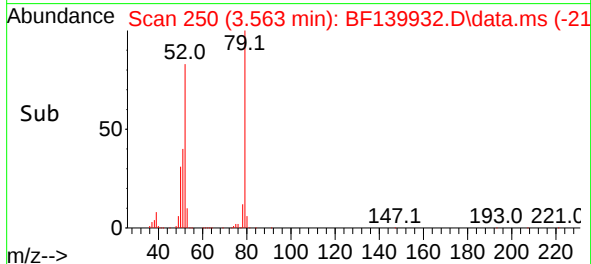
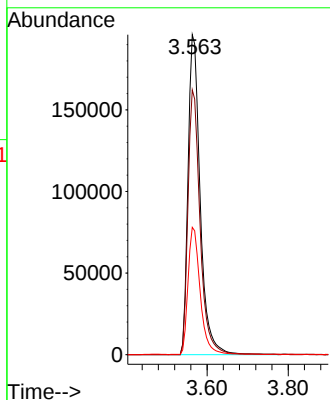
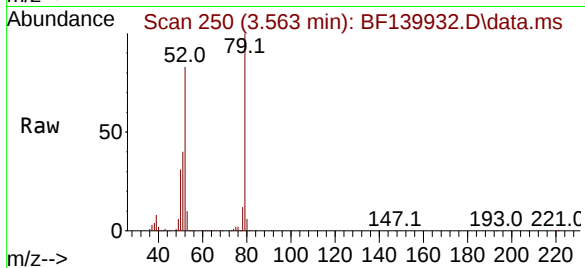
Tgt Ion: 79 Resp: 407709

Ion Ratio Lower Upper

79 100

52 82.7 68.5 102.7

51 39.8 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 44.569 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.100 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

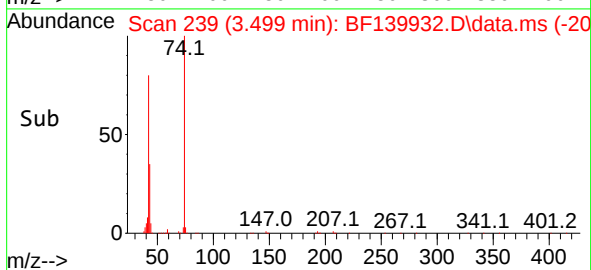
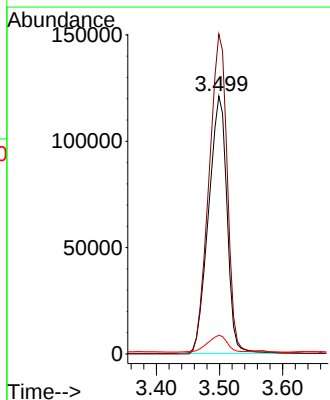
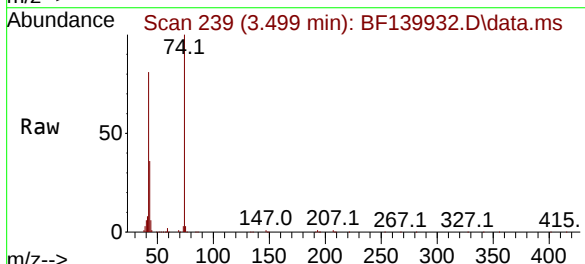
Tgt Ion: 42 Resp: 245272

Ion Ratio Lower Upper

42 100

74 124.1 96.2 144.4

44 7.2 6.2 9.2

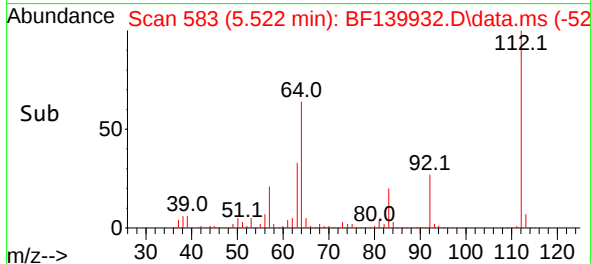
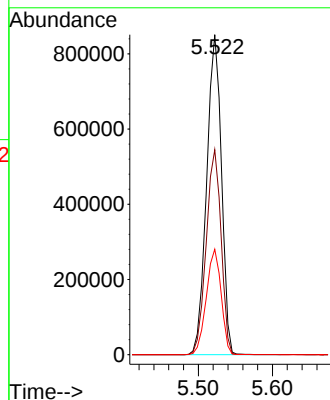
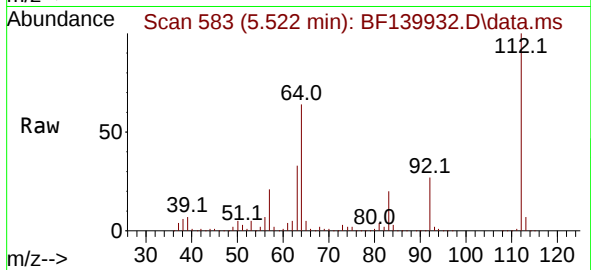




#5
2-Fluorophenol
Concen: 133.304 ng
RT: 5.522 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

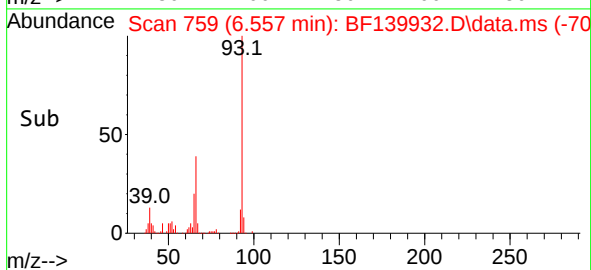
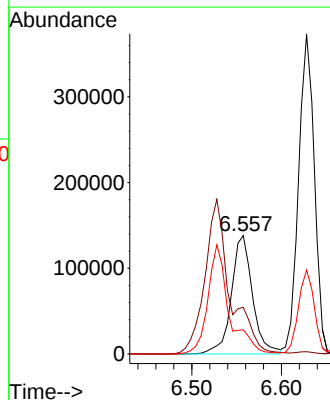
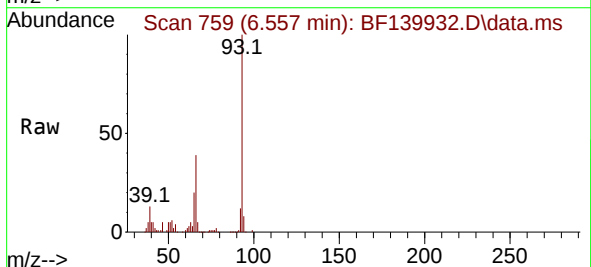
Instrument :
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Tgt Ion:112 Resp: 1181466
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 32.9 27.0 40.4



#6
Aniline
Concen: 21.125 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 93 Resp: 225996
Ion Ratio Lower Upper
93 100
66 39.5 34.0 51.0
65 20.4 17.4 26.0





#7

Phenol-d6

Concen: 123.962 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

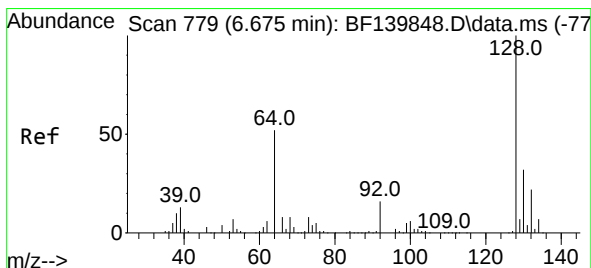
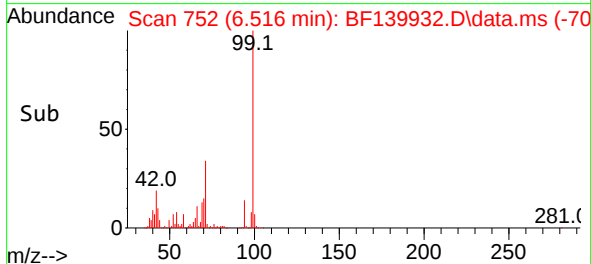
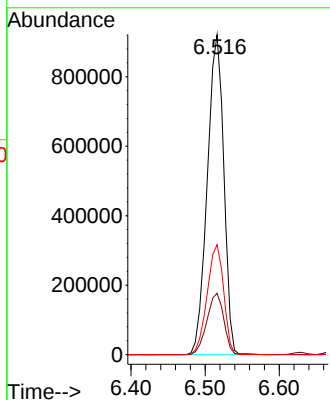
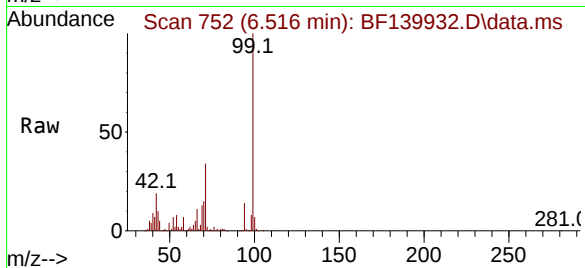
BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion: 99 Resp: 1422949

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.7	25.1
71	34.4	27.7	41.5



#8

2-Chlorophenol

Concen: 51.165 ng

RT: 6.675 min Scan# 779

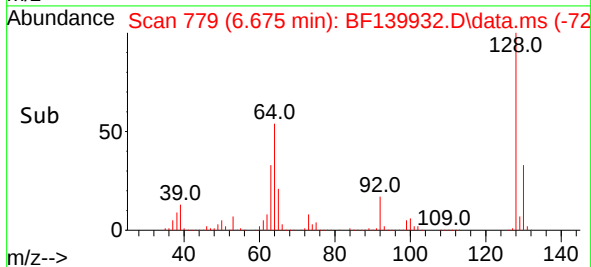
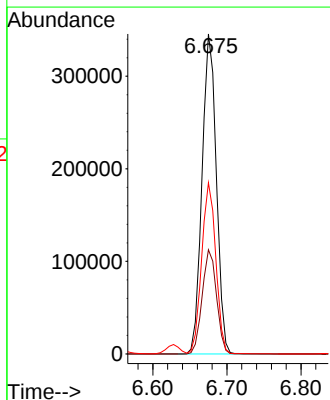
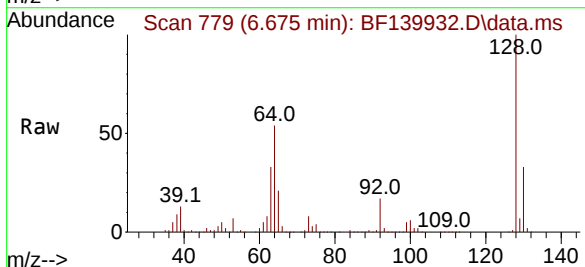
Delta R.T. 0.000 min

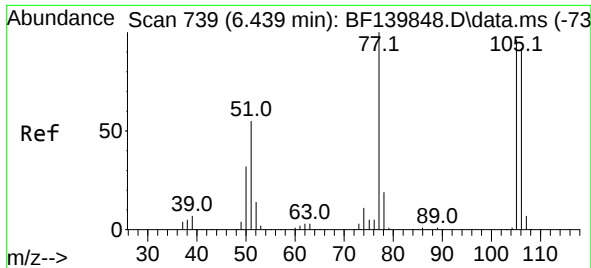
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Tgt Ion:128 Resp: 463587

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	53.5	34.6	74.6

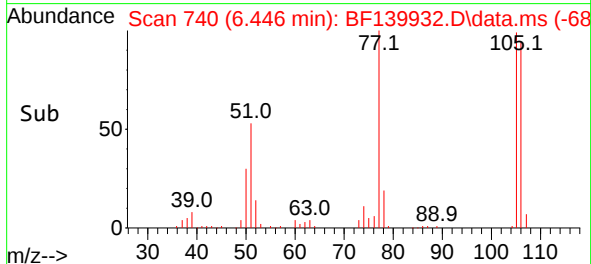
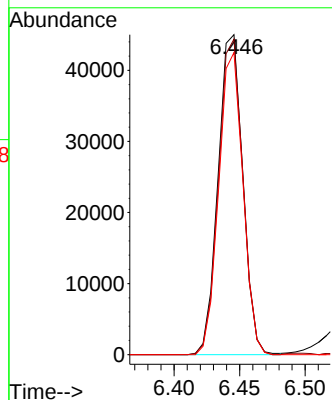
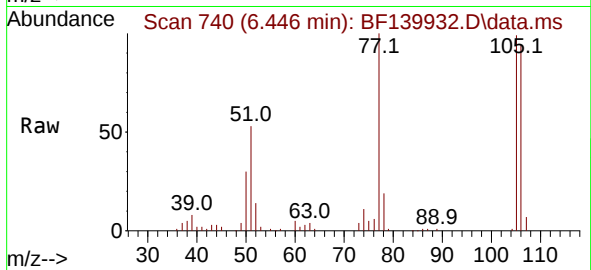




#9
Benzaldehyde
Concen: 9.096 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.007 min
Lab File: BF139932.D
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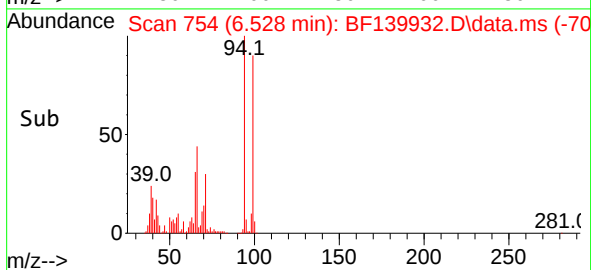
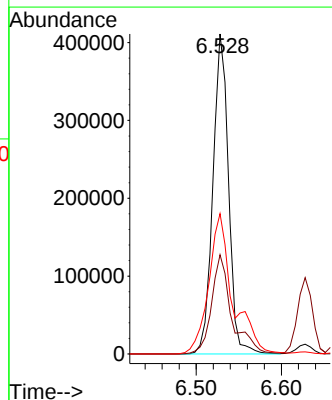
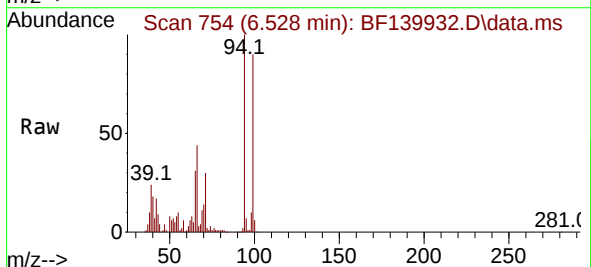
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Tgt Ion: 77 Resp: 58737
Ion Ratio Lower Upper
77 100
105 98.6 75.5 115.5
106 94.4 71.7 111.7



#10
Phenol
Concen: 44.249 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 94 Resp: 523655
Ion Ratio Lower Upper
94 100
65 31.0 11.1 51.1
66 43.9 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 49.498 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

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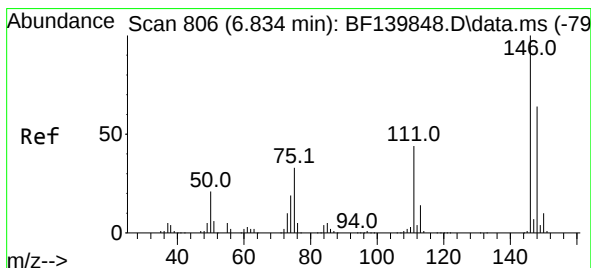
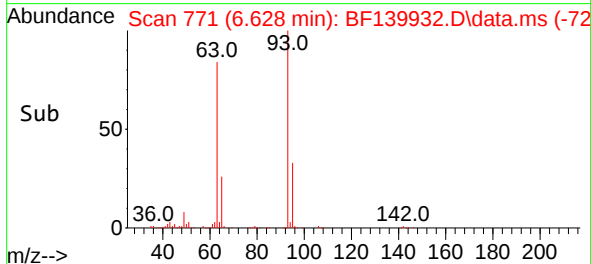
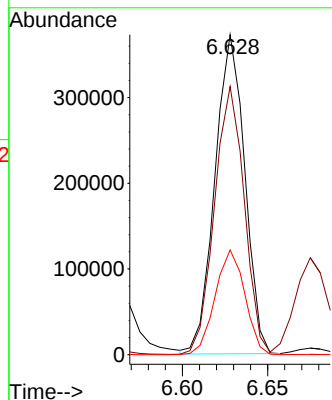
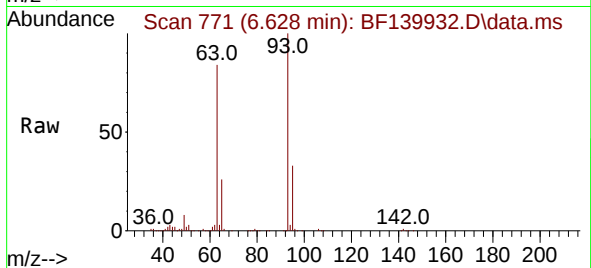
Tgt Ion: 93 Resp: 452755

Ion Ratio Lower Upper

93 100

63 83.8 65.0 105.0

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.659 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

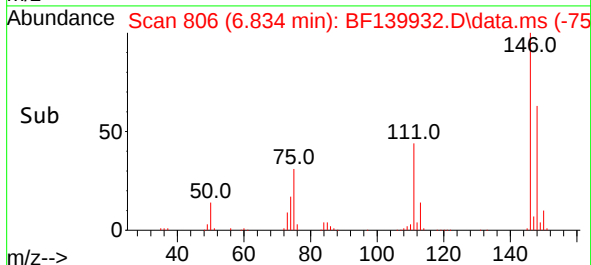
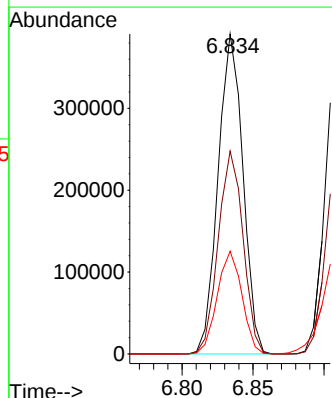
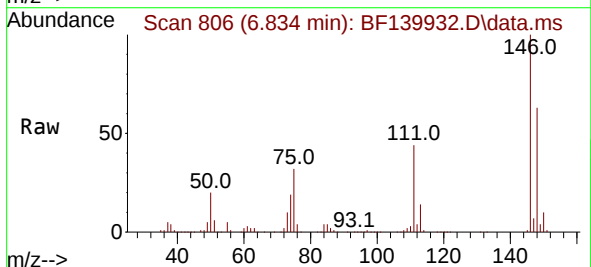
Tgt Ion:146 Resp: 474895

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

75 32.1 26.4 39.6

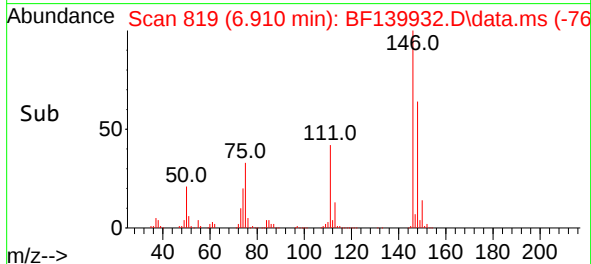
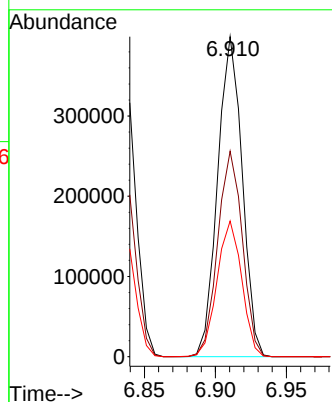
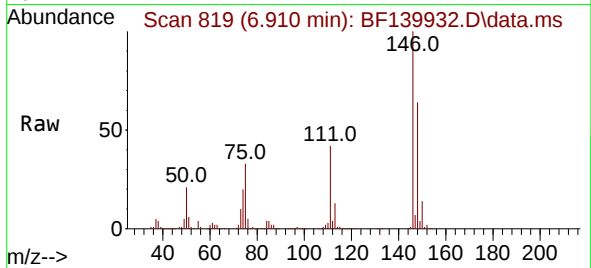




#13
1,4-Dichlorobenzene
Concen: 46.156 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

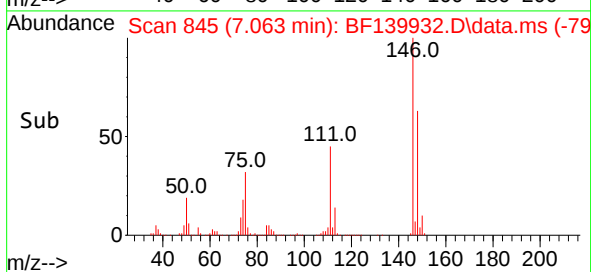
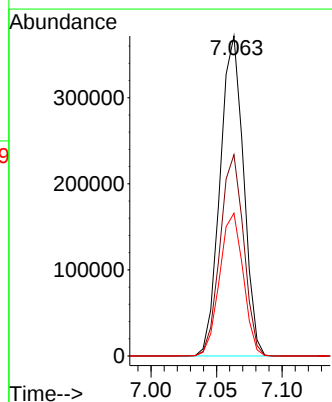
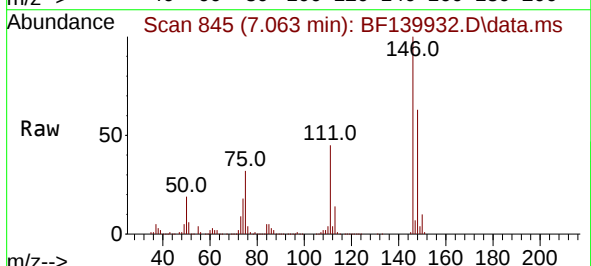
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:146 Resp: 479610
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.4 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 47.668 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:146 Resp: 462280
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.2
111 44.6 36.7 55.1

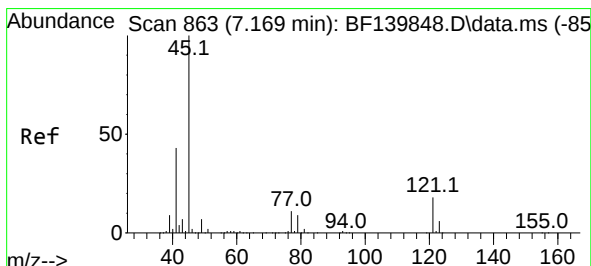
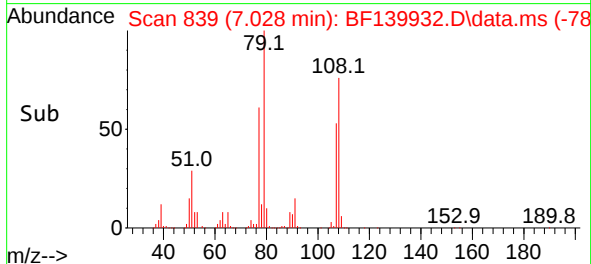
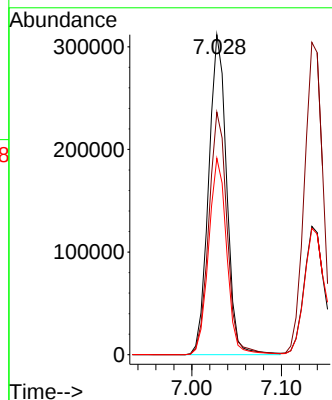
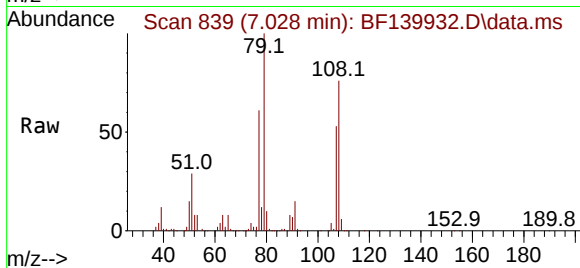




#15
Benzyl Alcohol
Concen: 51.661 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

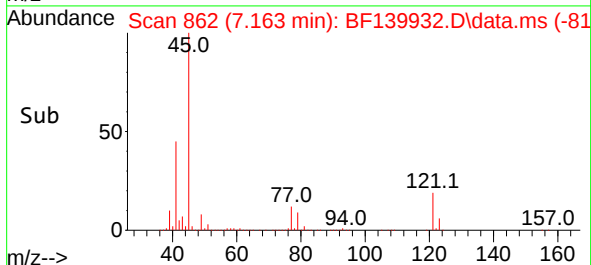
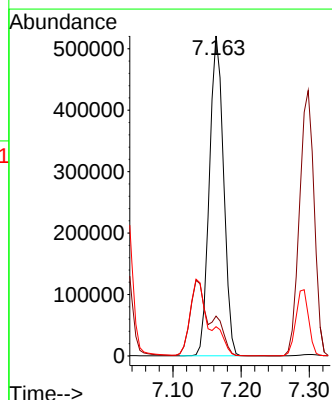
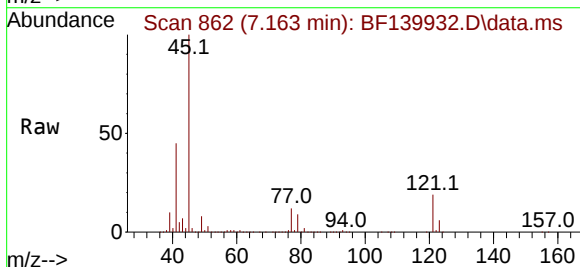
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion: 79 Resp: 435001
Ion Ratio Lower Upper
79 100
108 75.8 61.4 92.0
77 61.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.336 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

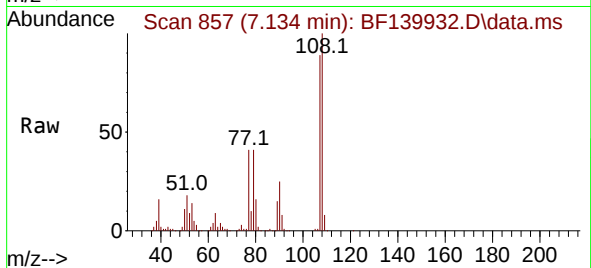
Tgt Ion: 45 Resp: 753890
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 9.2 0.0 29.1



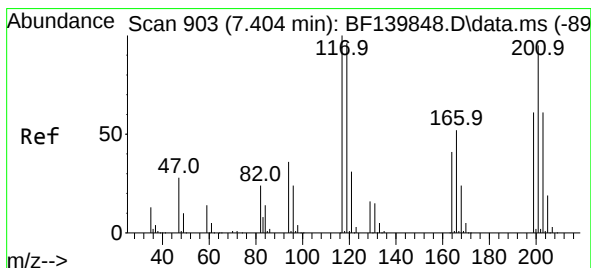
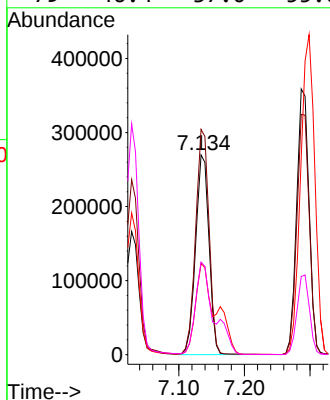
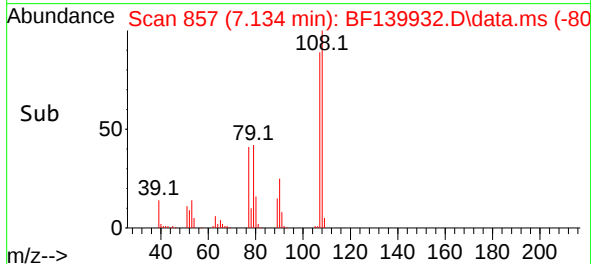


#17
2-Methylphenol
Concen: 49.779 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

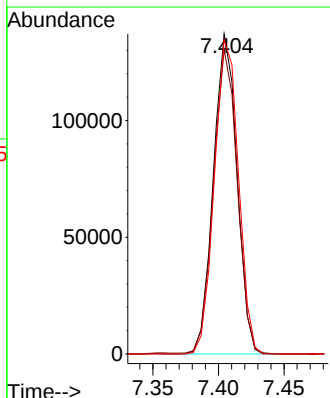
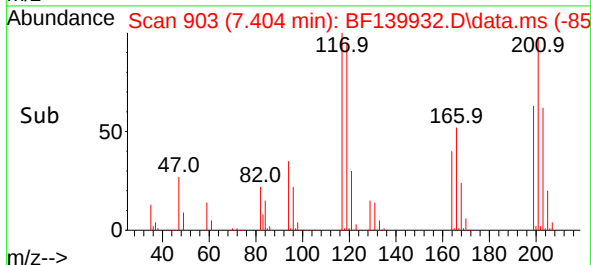
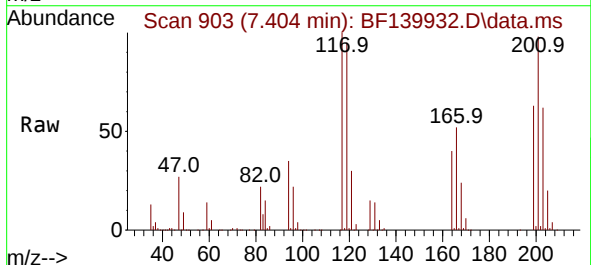


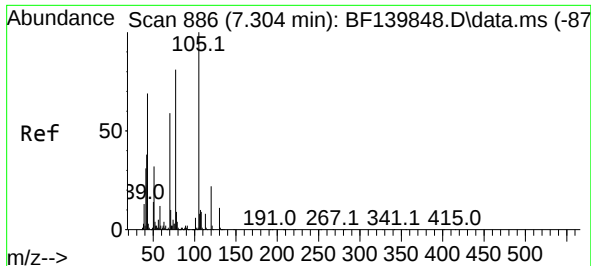
Tgt Ion:	107	Resp:	384589
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.3	136.9
77	45.7	37.1	55.7
79	46.4	37.0	55.6



#18
Hexachloroethane
Concen: 46.211 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:	117	Resp:	171232
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.4
201	98.2	76.2	114.4



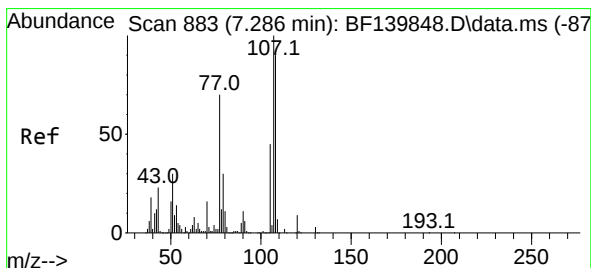
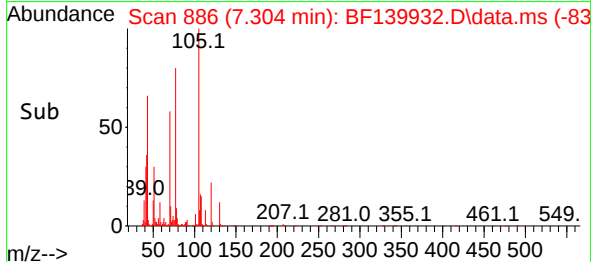
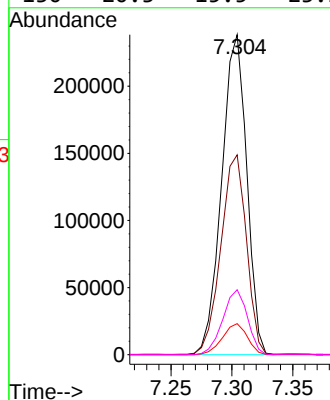
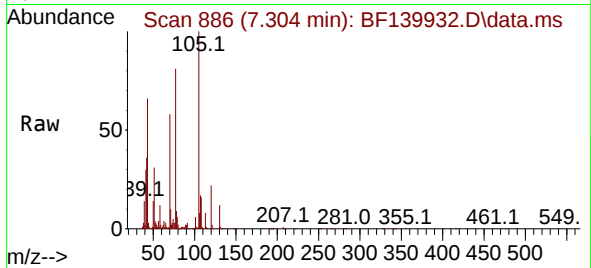


#19
n-Nitroso-di-n-propylamine
Concen: 48.980 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion: 70 Resp: 340994

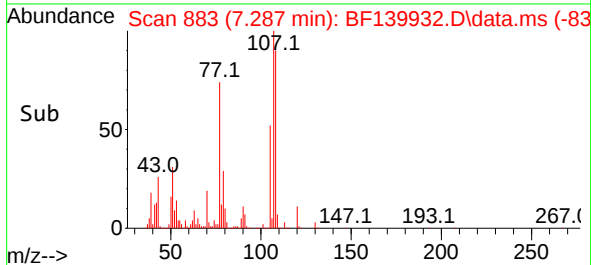
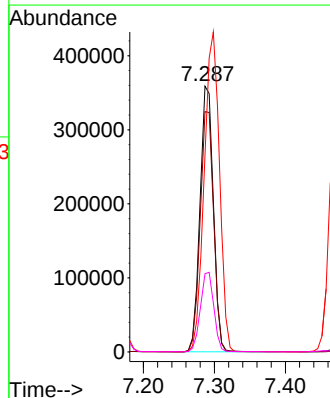
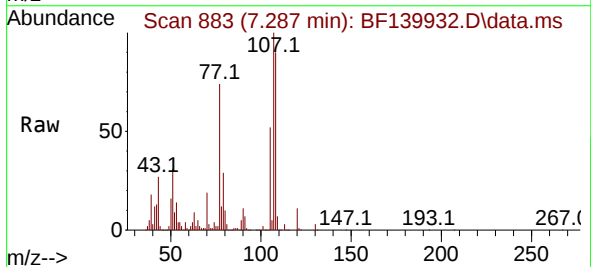
Ion	Ratio	Lower	Upper
70	100		
42	62.4	51.5	77.3
101	9.7	7.5	11.3
130	20.3	15.5	23.3



#20
3+4-Methylphenols
Concen: 47.675 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 107 Resp: 471130

Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.8	109.8
77	74.3	50.5	90.5
79	29.5	10.2	50.2



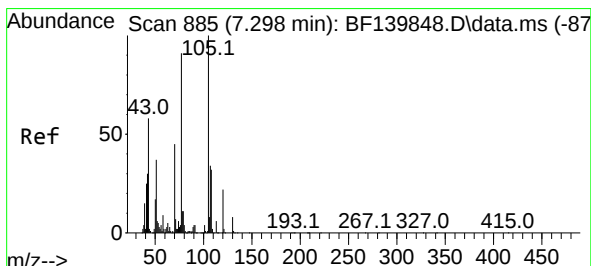
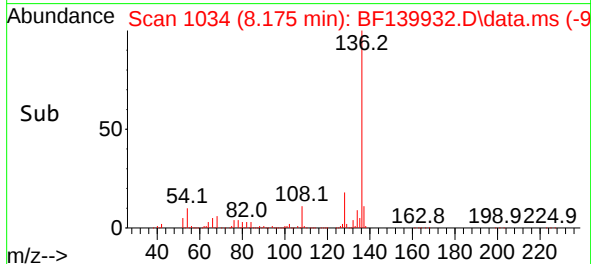
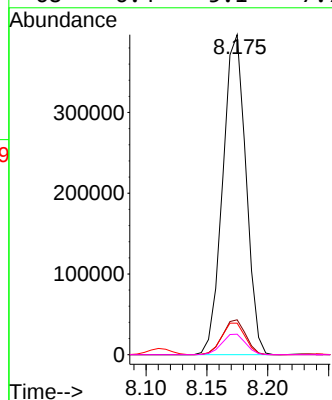
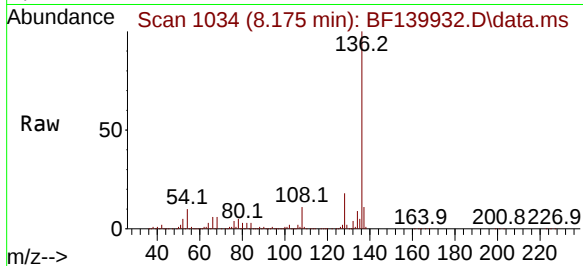


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:136 Resp: 523454

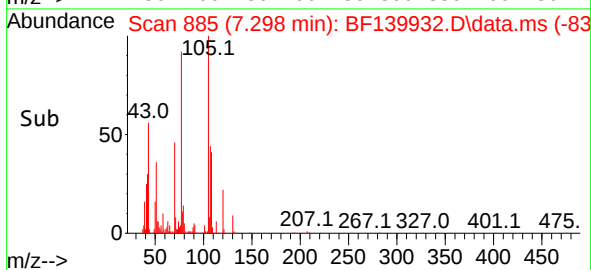
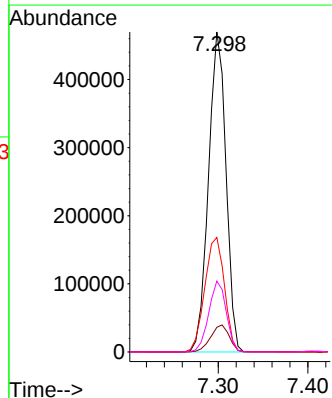
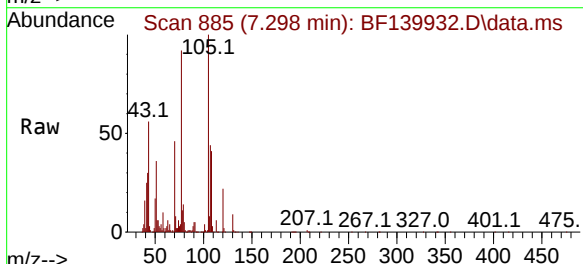
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.9	8.4	12.6
68	6.4	5.1	7.7

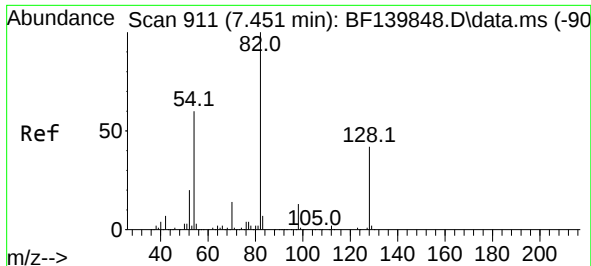


#22
Acetophenone
Concen: 49.551 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:105 Resp: 635302

Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.9	8.9
51	35.8	29.4	44.2
120	22.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 108.545 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

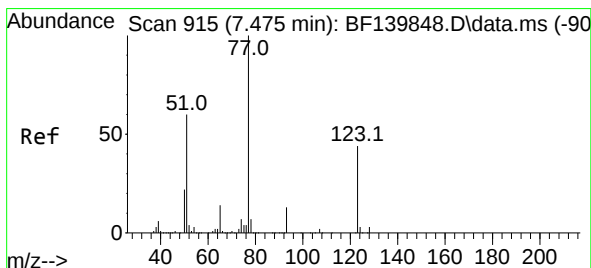
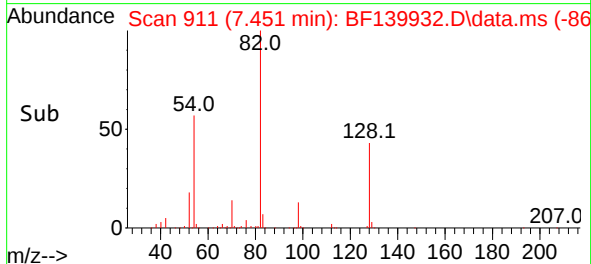
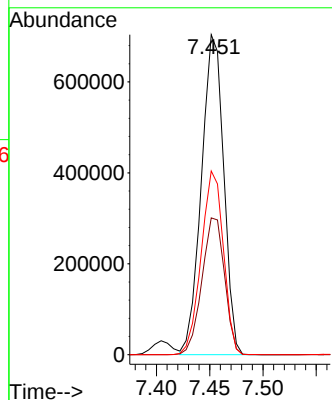
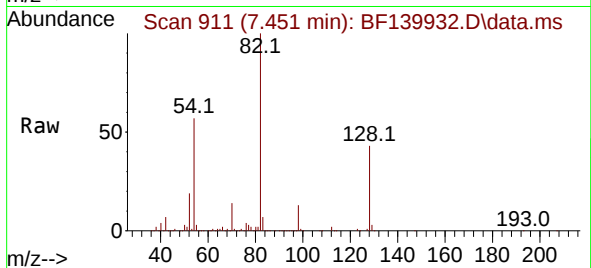
BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion: 82 Resp: 1025166

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.0
54	57.4	47.8	71.8



#24

Nitrobenzene

Concen: 49.196 ng

RT: 7.475 min Scan# 915

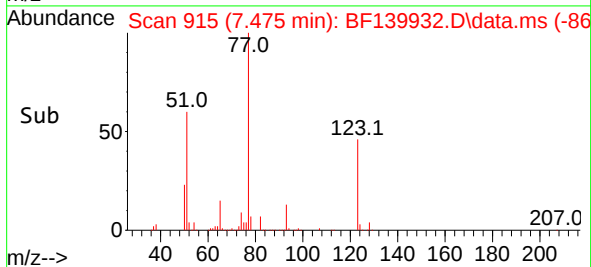
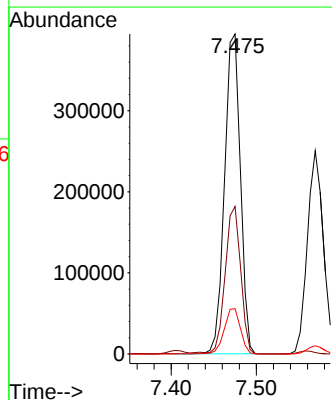
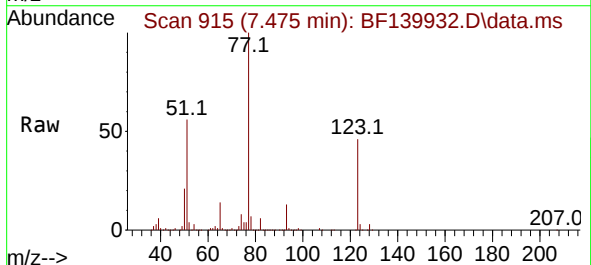
Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Tgt Ion: 77 Resp: 509423

Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.7	53.5
65	14.1	11.5	17.3

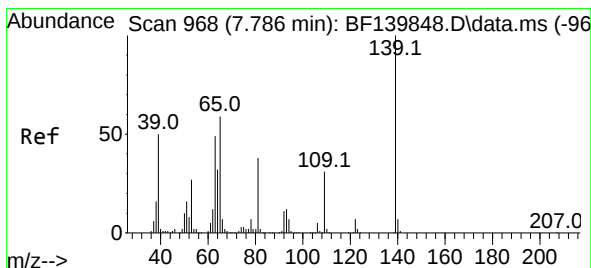
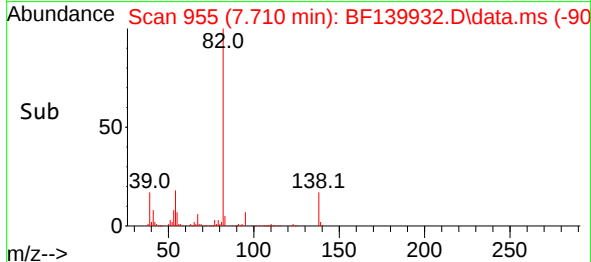
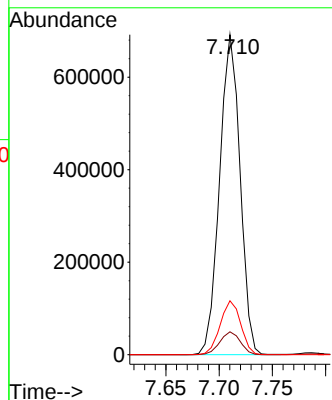
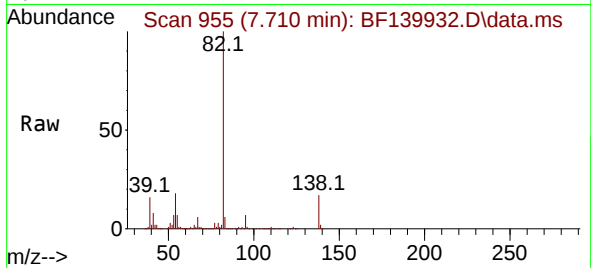




#25
Isophorone
Concen: 51.530 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

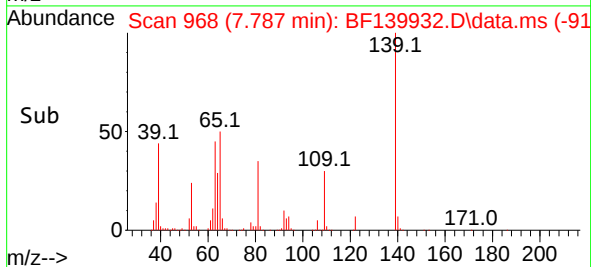
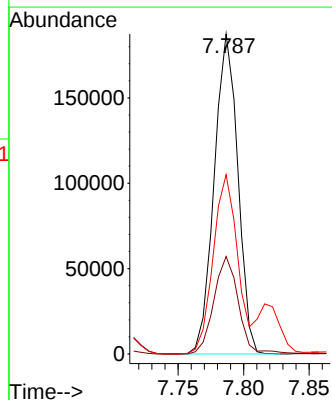
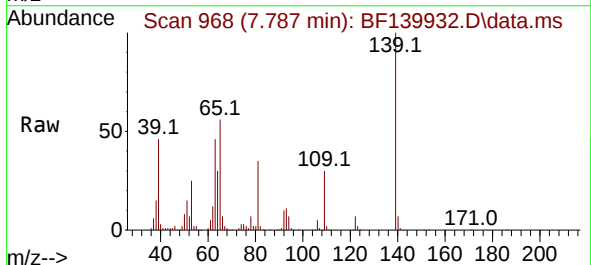
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion: 82 Resp: 923720
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 60.025 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:139 Resp: 234486
Ion Ratio Lower Upper
139 100
109 30.4 25.1 37.7
65 56.1 47.5 71.3

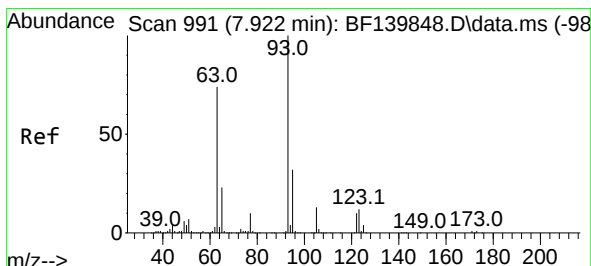
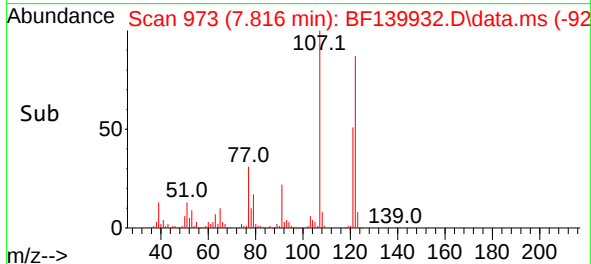
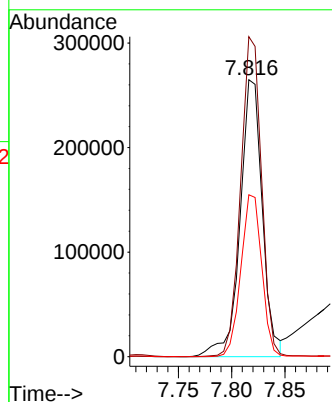
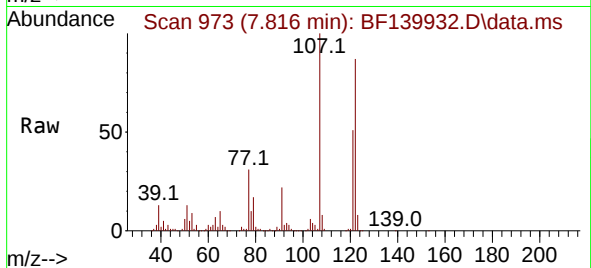




#27
2,4-Dimethylphenol
Concen: 59.217 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

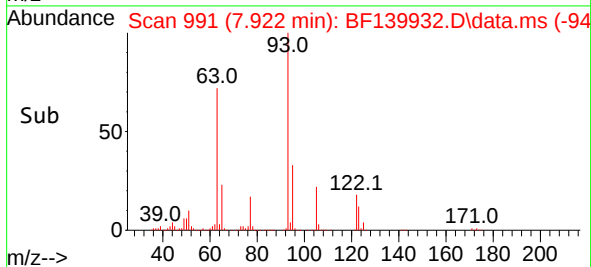
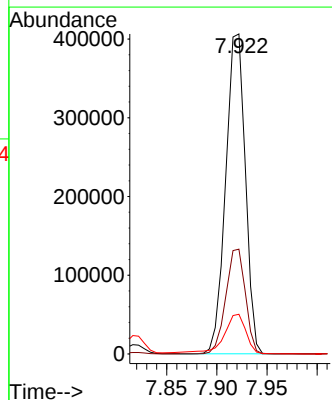
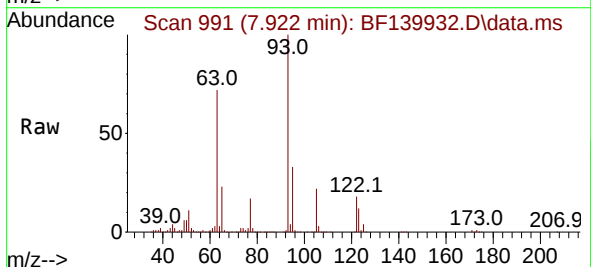
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:122 Resp: 385728
Ion Ratio Lower Upper
122 100
107 115.6 91.9 137.9
121 58.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.992 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 93 Resp: 553814
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.574 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

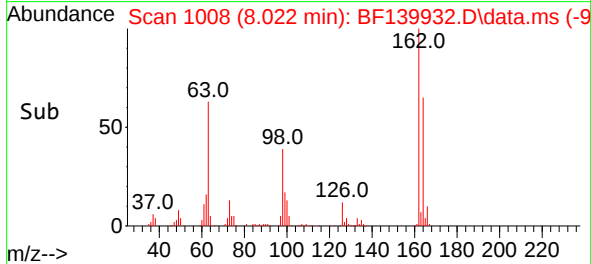
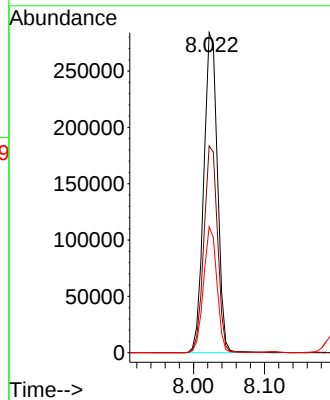
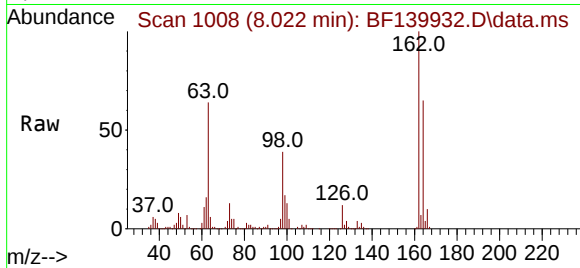
Tgt Ion:162 Resp: 382652

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

98 39.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 48.189 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

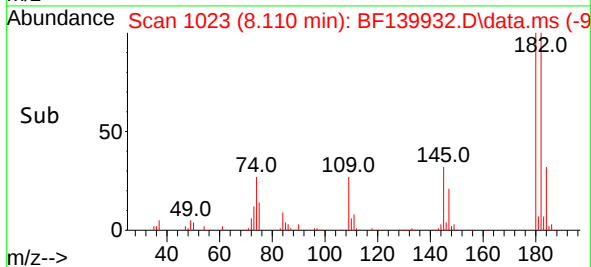
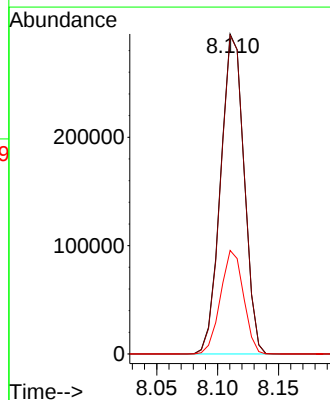
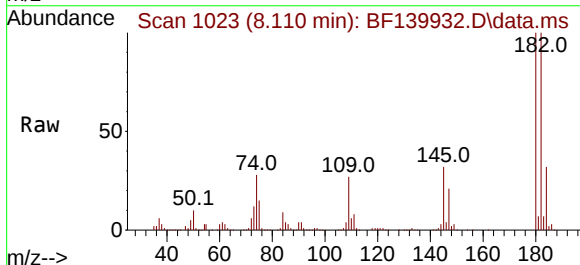
Tgt Ion:180 Resp: 395619

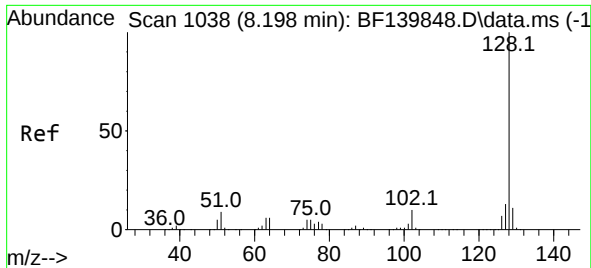
Ion Ratio Lower Upper

180 100

182 99.6 80.5 120.7

145 32.3 25.4 38.0

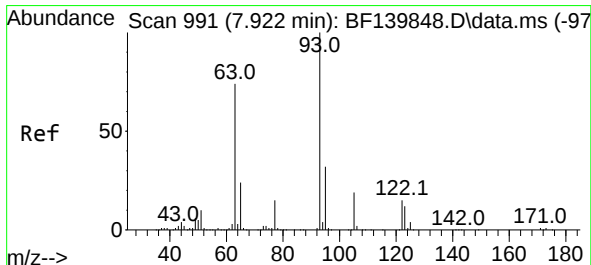
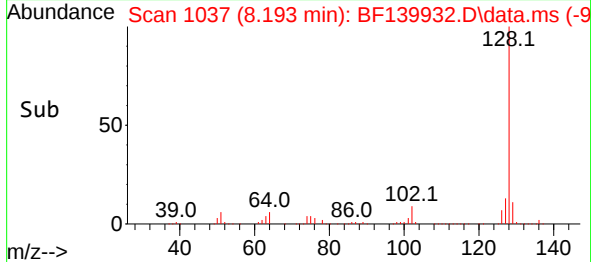
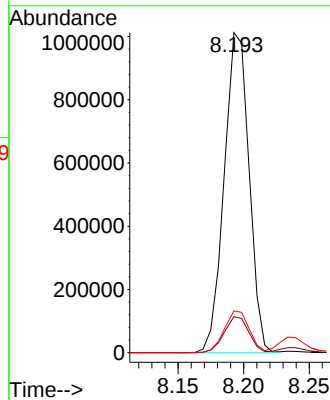
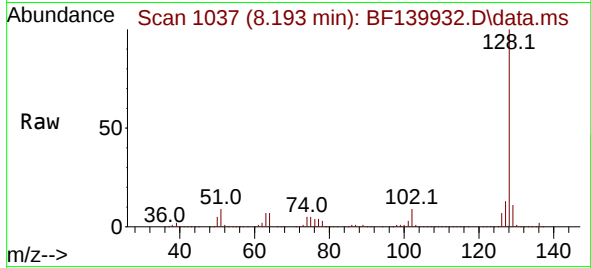




#31
Naphthalene
Concen: 49.500 ng
RT: 8.193 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

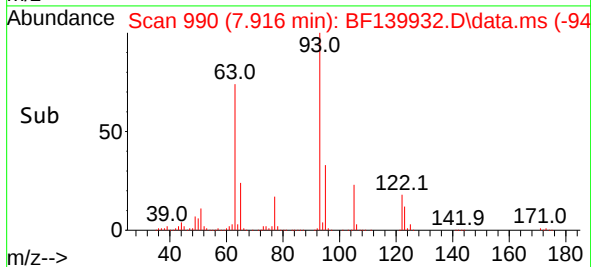
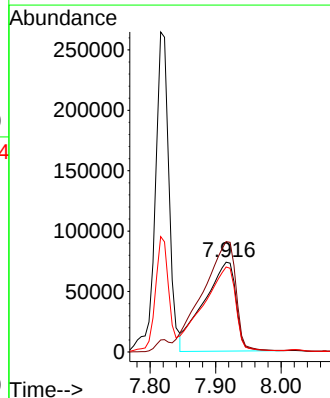
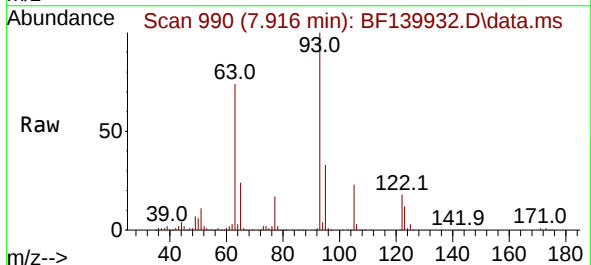
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

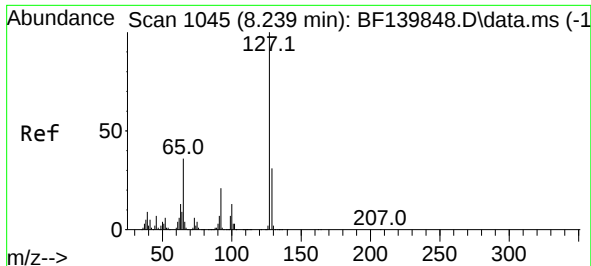
Tgt Ion:128 Resp: 1336346
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 44.163 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:122 Resp: 250906
Ion Ratio Lower Upper
122 100
105 123.0 107.6 147.6
77 94.8 80.2 120.2

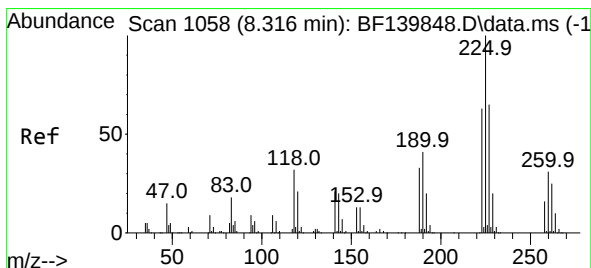
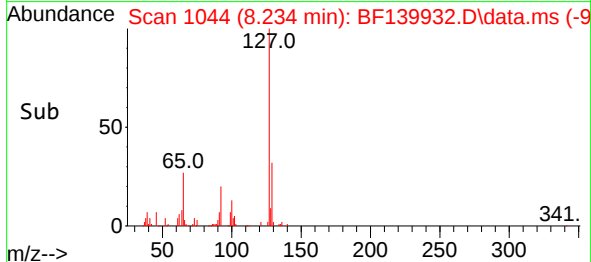
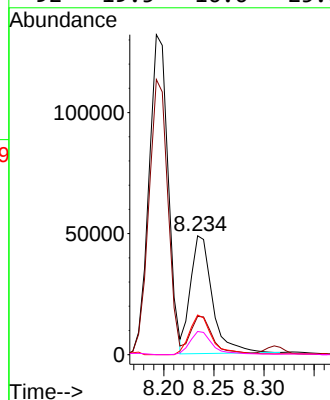
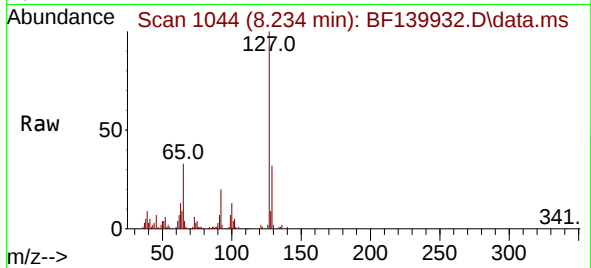




#33
4-Chloroaniline
Concen: 8.025 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

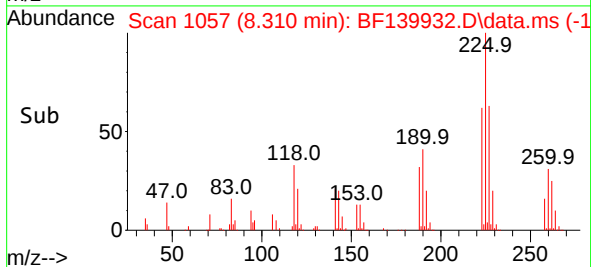
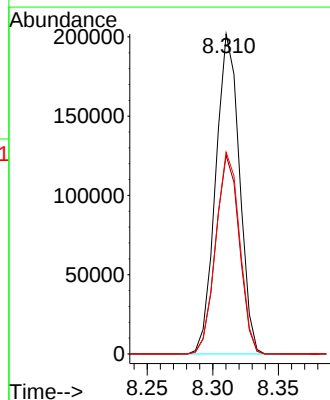
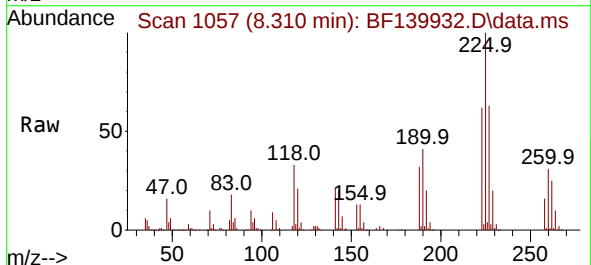
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

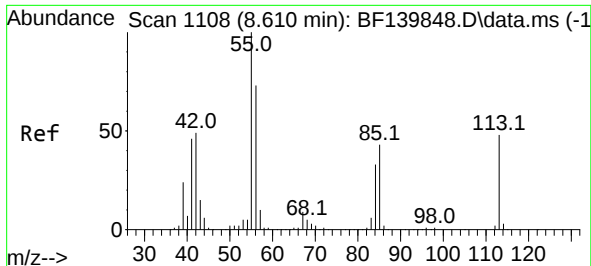
Tgt Ion:	127	Resp:	73874
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	33.5	28.4	42.6
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 49.194 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:	225	Resp:	253755
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.1	51.8	77.8





#35

Caprolactam

Concen: 33.494 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.011 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

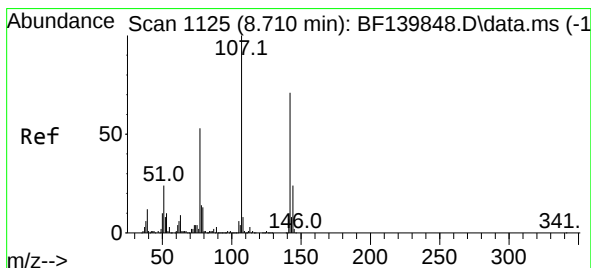
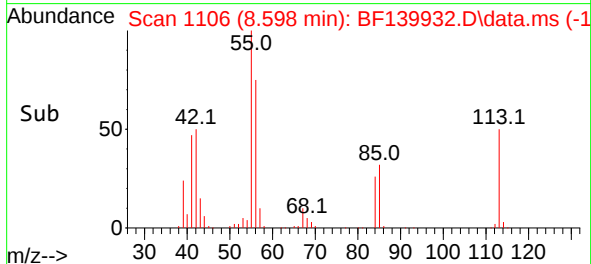
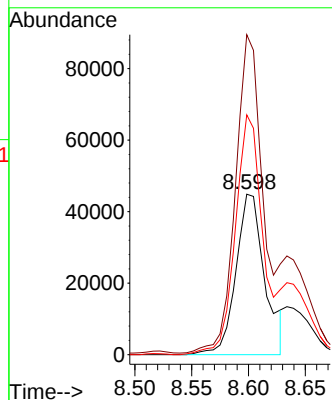
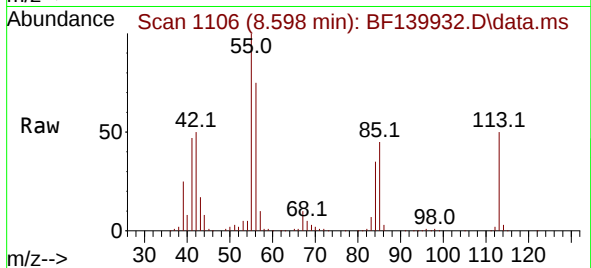
Tgt Ion:113 Resp: 79016

Ion Ratio Lower Upper

113 100

55 199.4 189.2 229.2

56 149.5 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 49.618 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

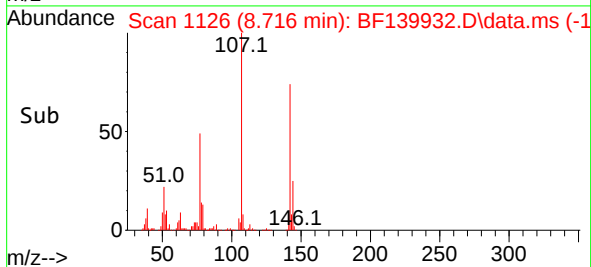
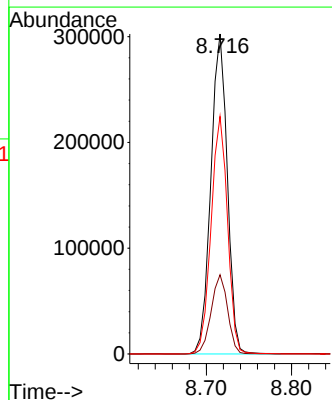
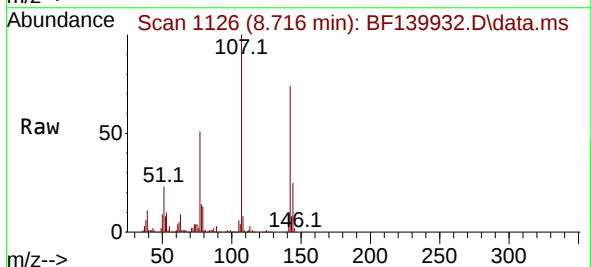
Tgt Ion:107 Resp: 407634

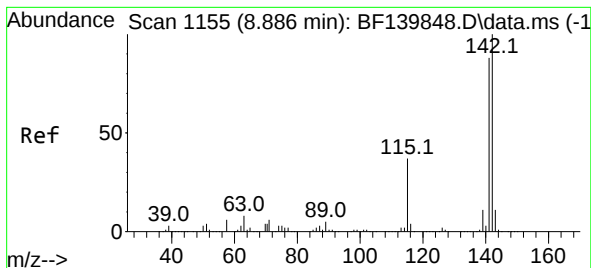
Ion Ratio Lower Upper

107 100

144 24.8 19.1 28.7

142 74.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 51.171 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

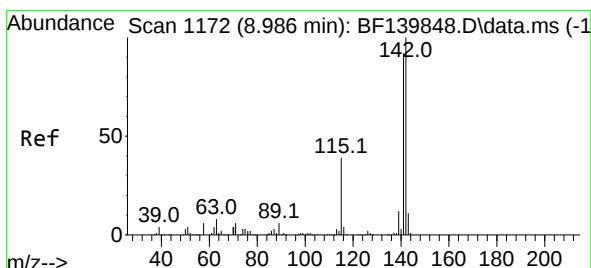
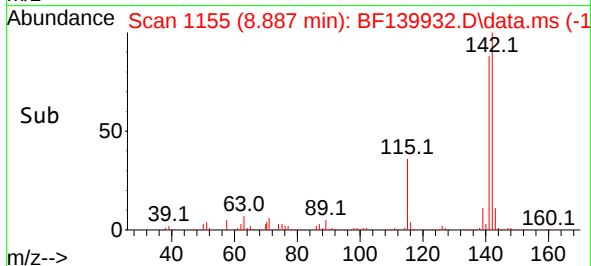
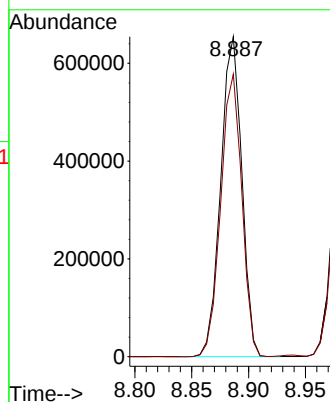
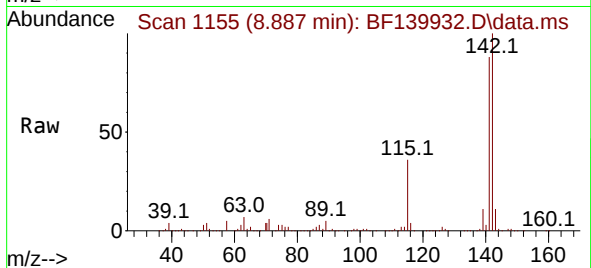
IB-1MSD

Tgt Ion:142 Resp: 846044

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 48.642 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139932.D

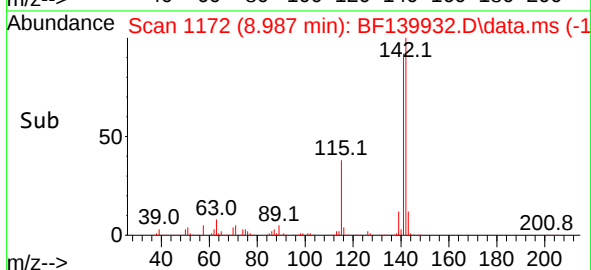
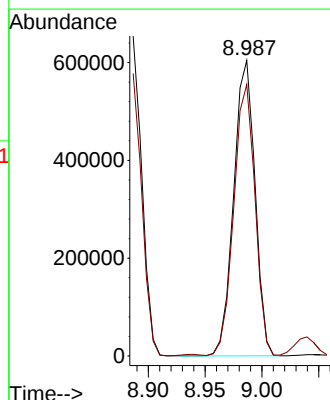
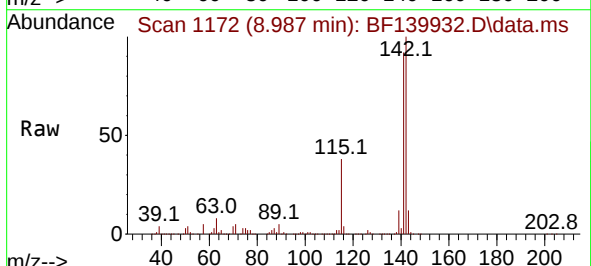
Acq: 22 Oct 2024 16:59

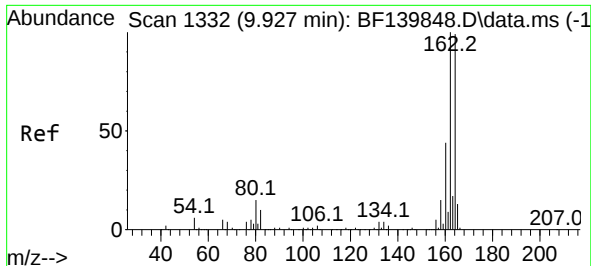
Tgt Ion:142 Resp: 789047

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3

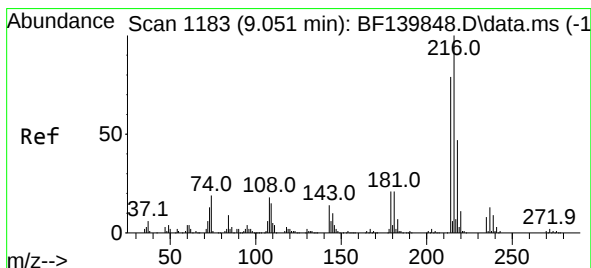
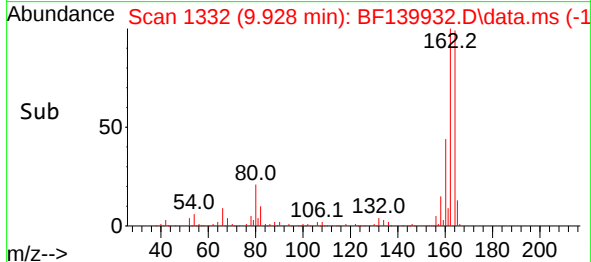
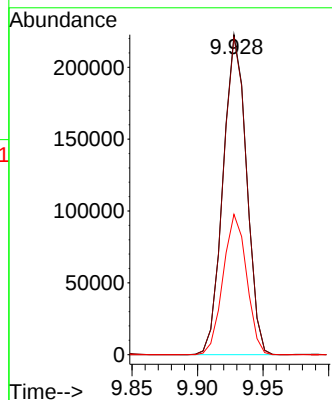
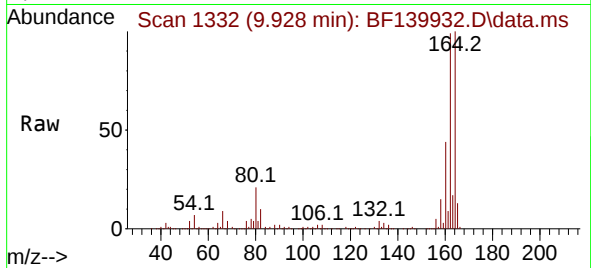




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

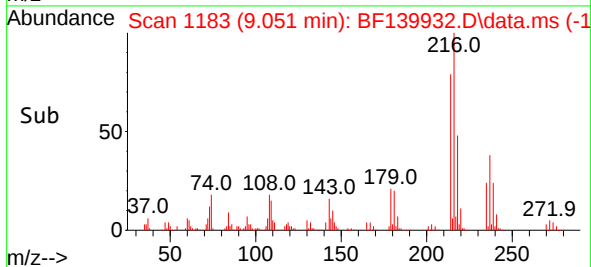
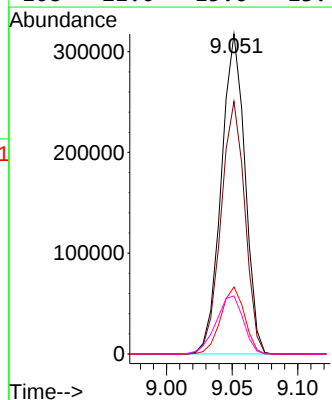
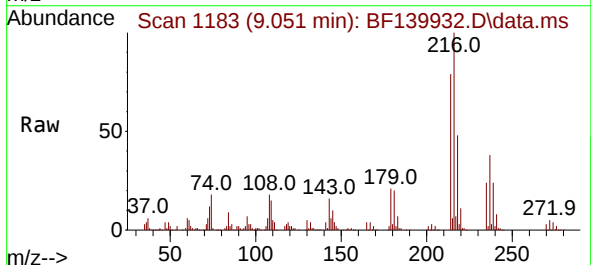
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:164 Resp: 277058
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 43.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.378 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:216 Resp: 398976
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 20.9 17.2 25.8
108 21.0 15.6 23.4

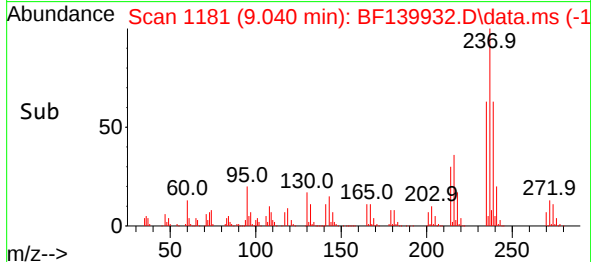
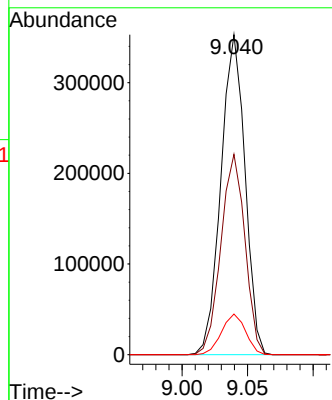
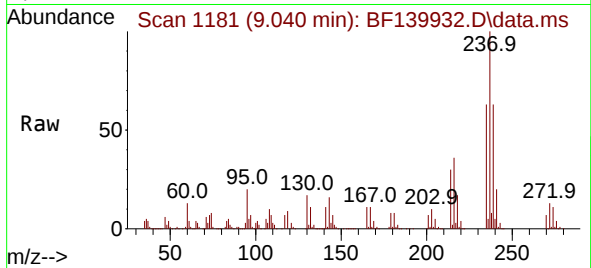




#41
Hexachlorocyclopentadiene
Concen: 173.129 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

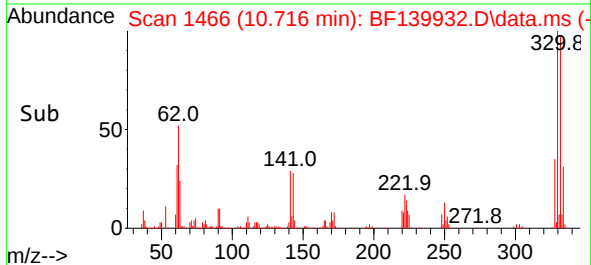
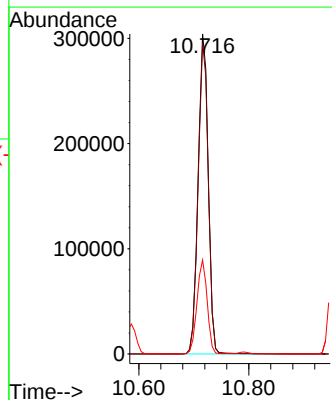
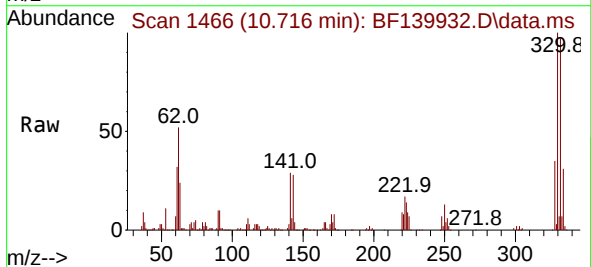
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:237 Resp: 450273
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 151.033 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:330 Resp: 391405
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 29.4 26.6 39.8

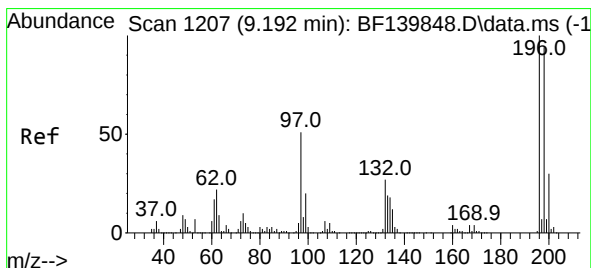
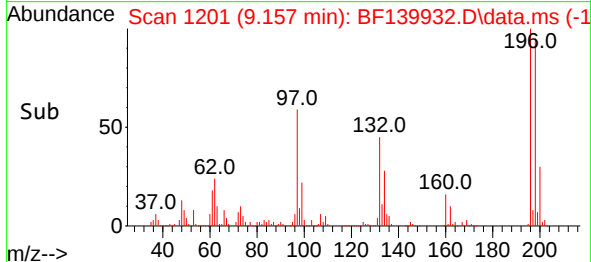
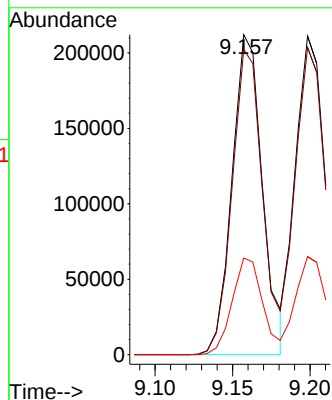
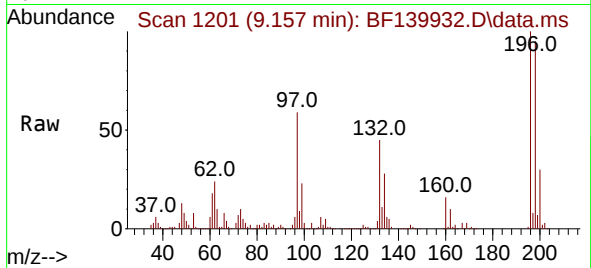




#43
2,4,6-Trichlorophenol
Concen: 54.580 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

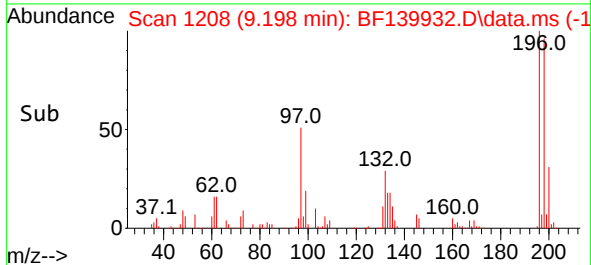
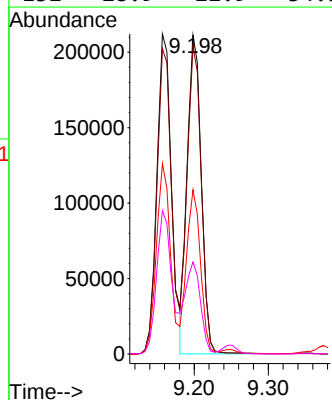
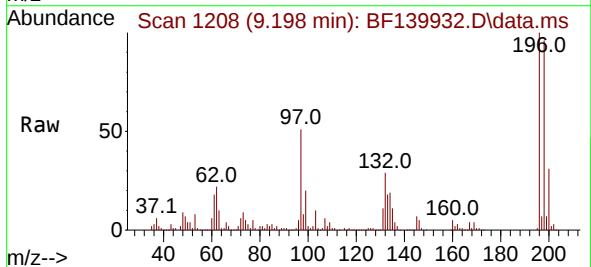
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

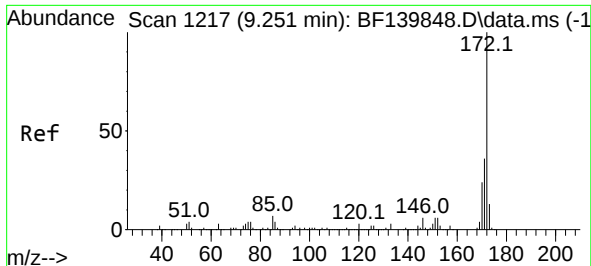
Tgt Ion:196 Resp: 288833
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.2
200 30.2 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 51.364 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:196 Resp: 280441
Ion Ratio Lower Upper
196 100
198 96.5 75.8 113.6
97 51.4 41.8 62.6
132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 104.435 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

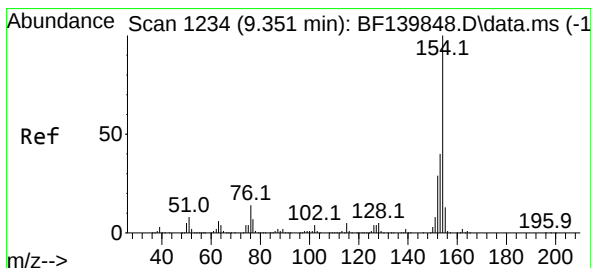
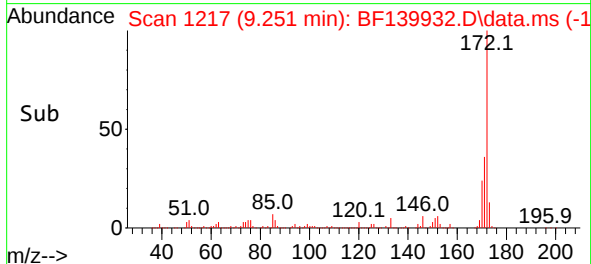
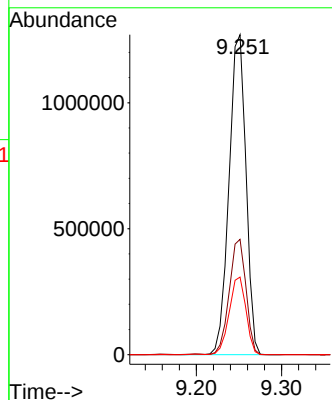
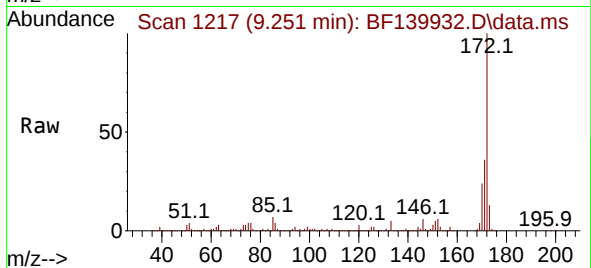
Tgt Ion:172 Resp: 1750740

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.3 19.1 28.7



#46

1,1'-Biphenyl

Concen: 52.878 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

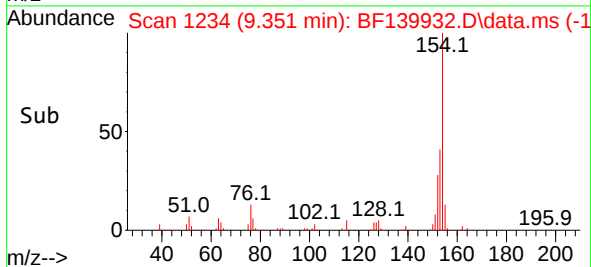
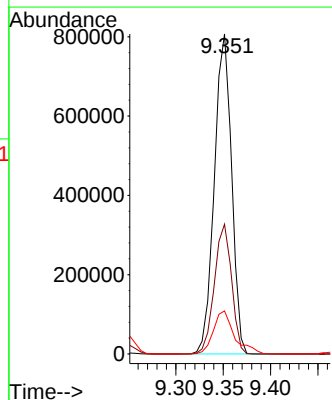
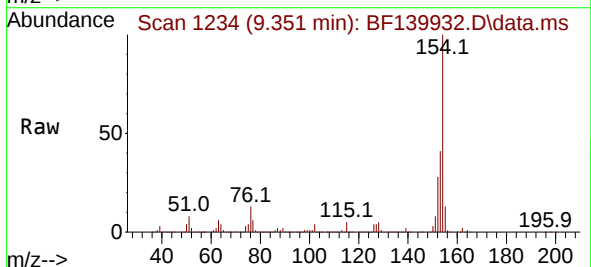
Tgt Ion:154 Resp: 1019864

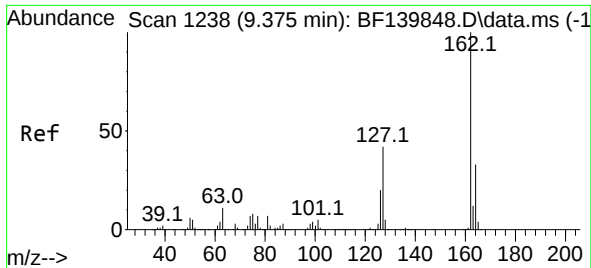
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.5 0.0 33.9

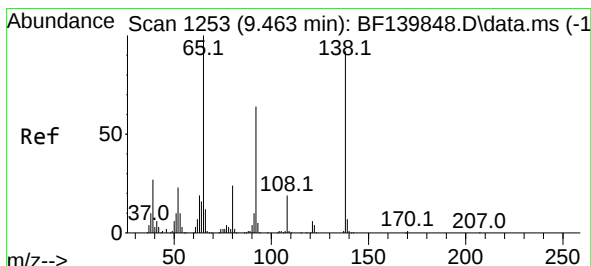
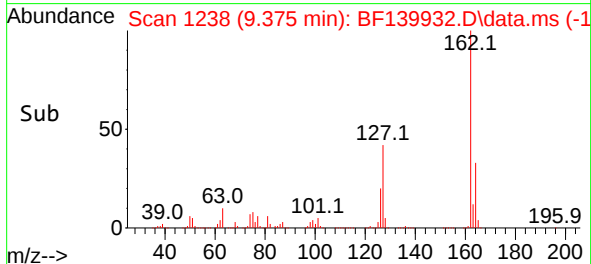
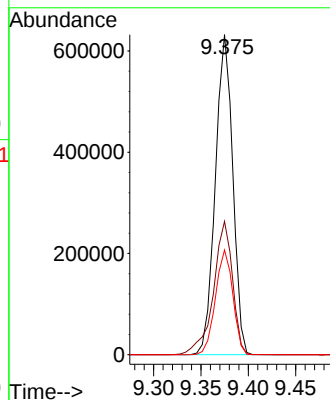
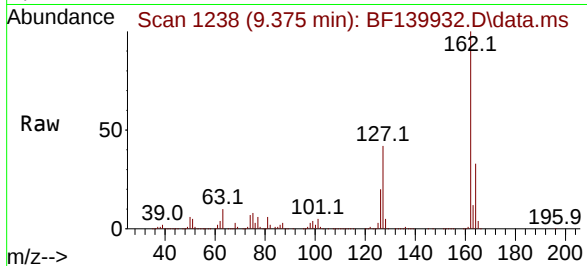




#47
2-Chloronaphthalene
Concen: 52.166 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

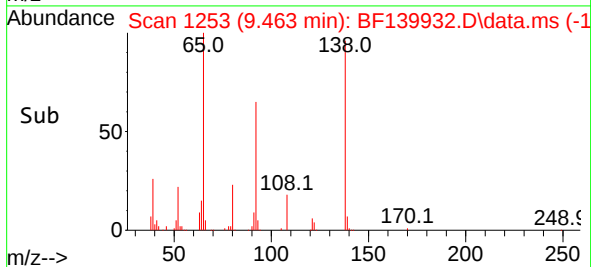
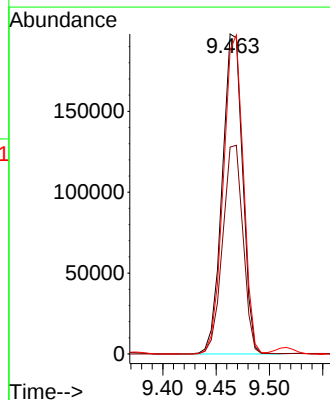
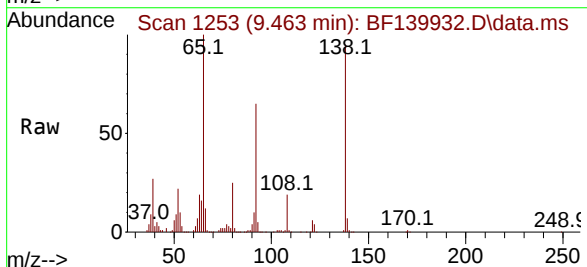
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:162 Resp: 810359
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.7 26.6 39.8



#48
2-Nitroaniline
Concen: 55.273 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 65 Resp: 262607
Ion Ratio Lower Upper
65 100
92 64.7 50.9 76.3
138 95.0 73.4 110.0





#49

Acenaphthylene

Concen: 54.747 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

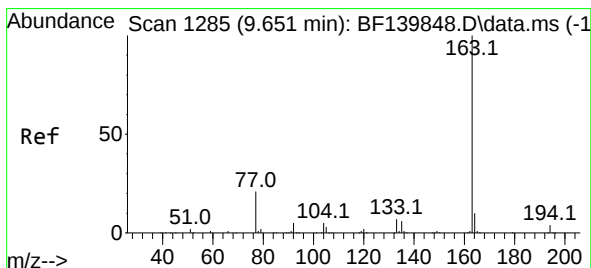
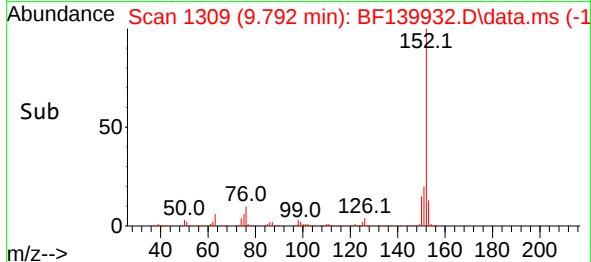
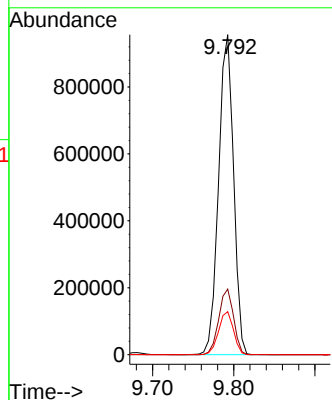
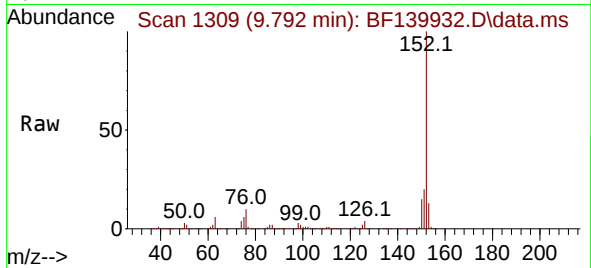
Tgt Ion:152 Resp: 1229494

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 52.500 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

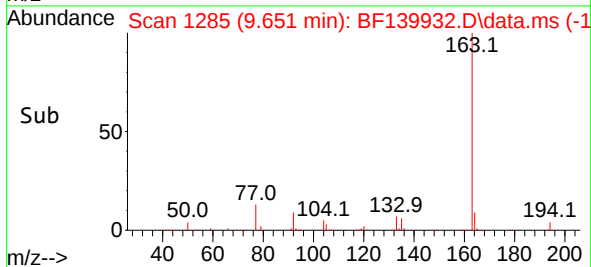
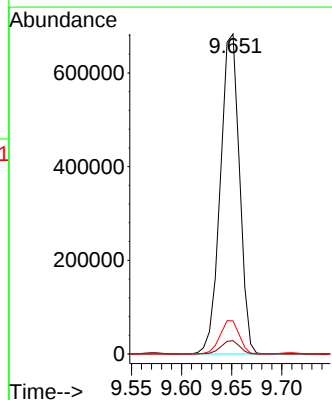
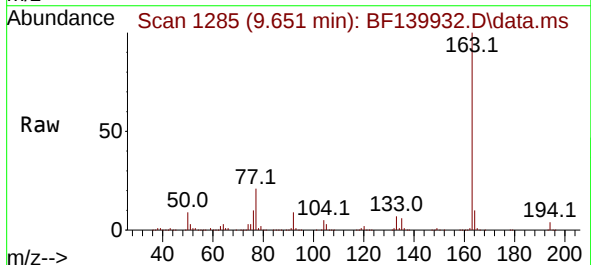
Tgt Ion:163 Resp: 906003

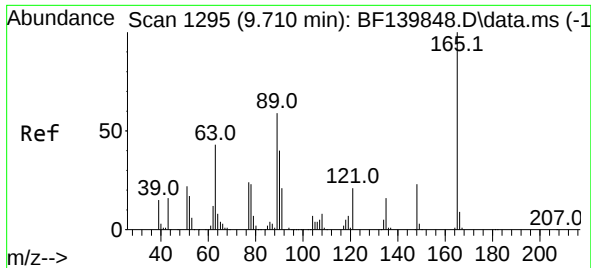
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.2 12.2

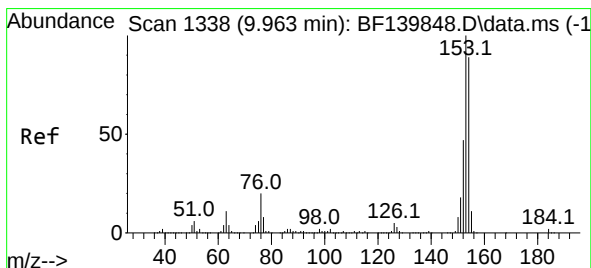
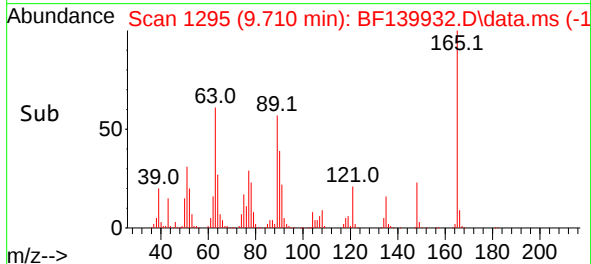
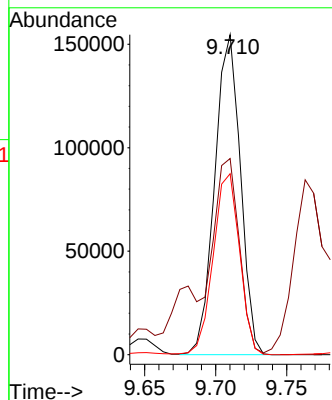
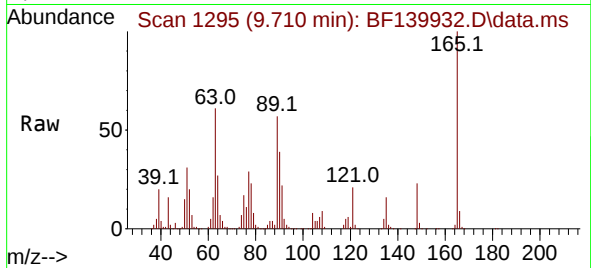




#51
2,6-Dinitrotoluene
Concen: 52.160 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

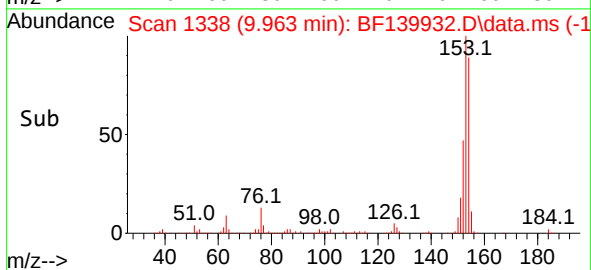
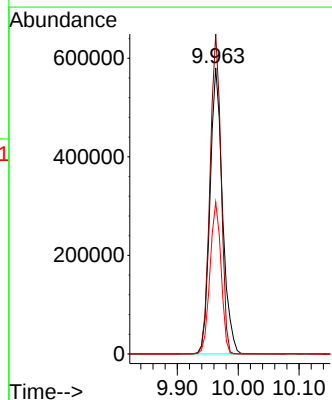
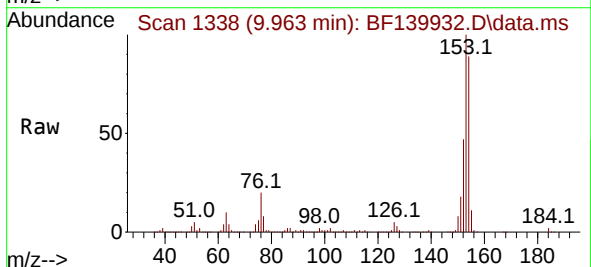
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

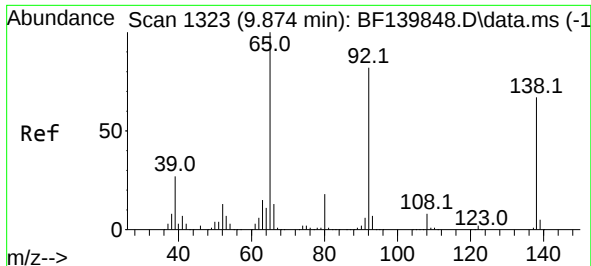
Tgt Ion:165 Resp: 194900
Ion Ratio Lower Upper
165 100
63 61.3 50.6 75.8
89 56.6 47.5 71.3



#52
Acenaphthene
Concen: 57.120 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:154 Resp: 829832
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.1 42.4 63.6

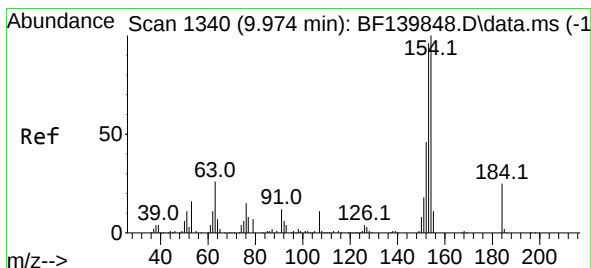
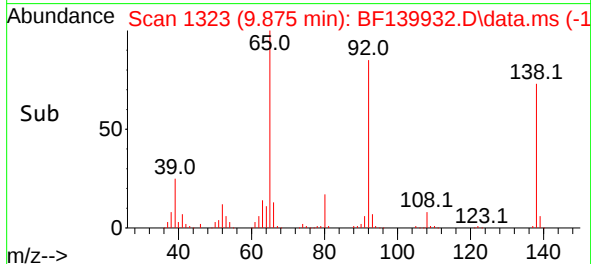
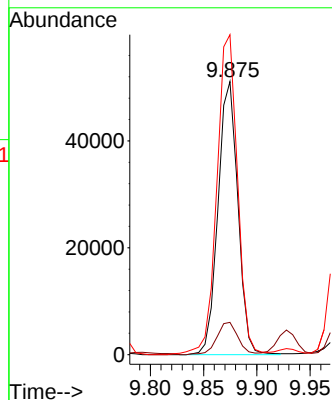
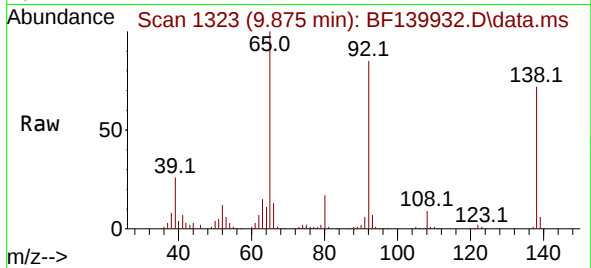




#53
3-Nitroaniline
Concen: 17.189 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

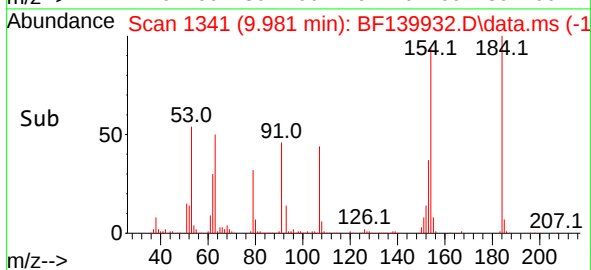
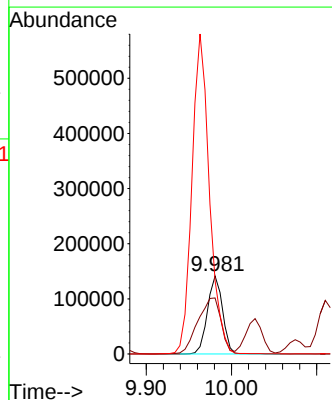
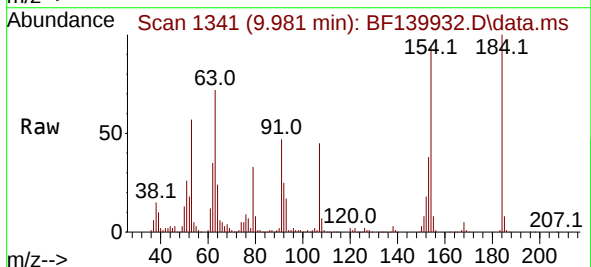
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

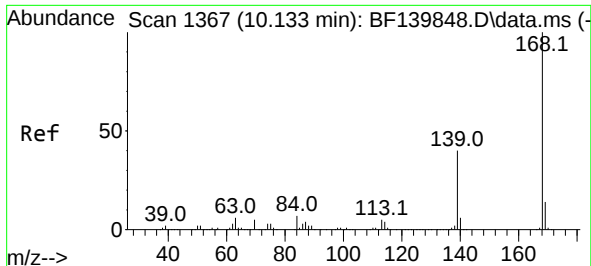
Tgt Ion:138 Resp: 66235
Ion Ratio Lower Upper
138 100
108 11.8 10.2 15.2
92 117.1 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 109.503 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:184 Resp: 174070
Ion Ratio Lower Upper
184 100
63 71.9 84.7 127.1#
154 94.1 338.2 507.2#

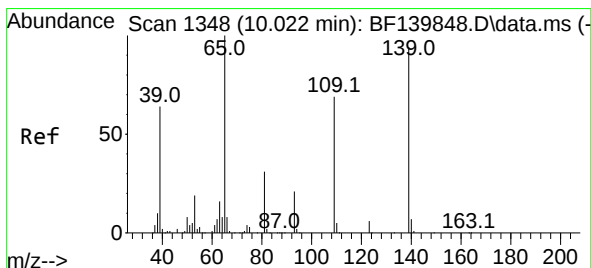
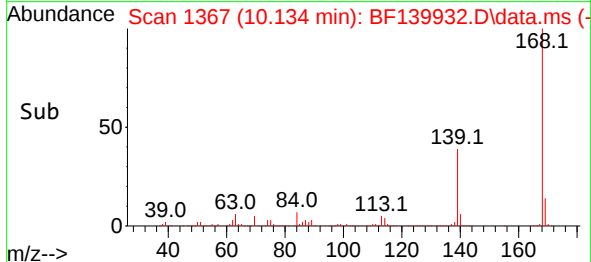
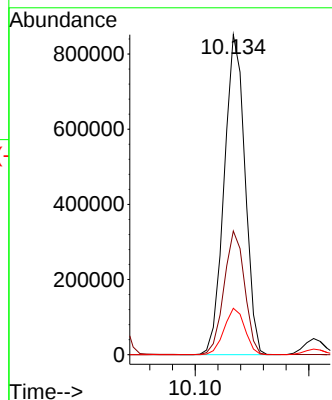
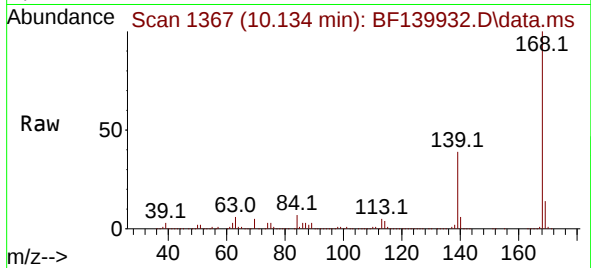




#55
Dibenzofuran
Concen: 51.919 ng
RT: 10.134 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

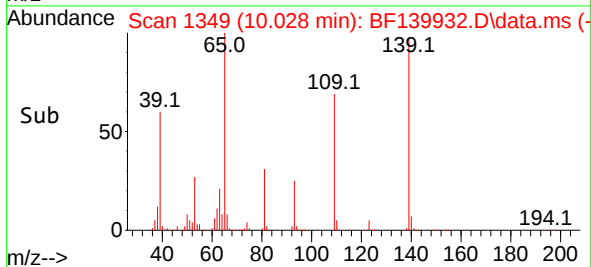
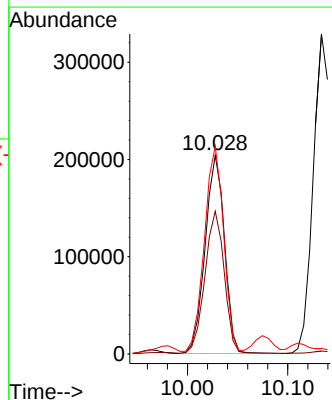
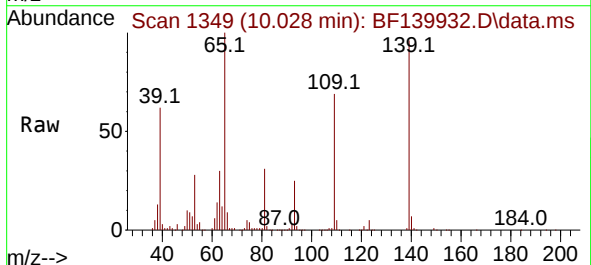
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

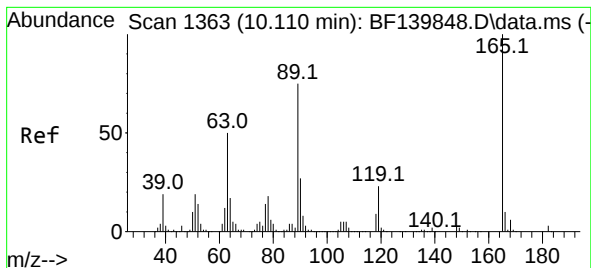
Tgt Ion:168 Resp: 1082199
Ion Ratio Lower Upper
168 100
139 38.6 31.8 47.6
169 14.5 11.6 17.4



#56
4-Nitrophenol
Concen: 92.192 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:139 Resp: 273307
Ion Ratio Lower Upper
139 100
109 71.9 53.6 93.6
65 104.5 87.8 127.8

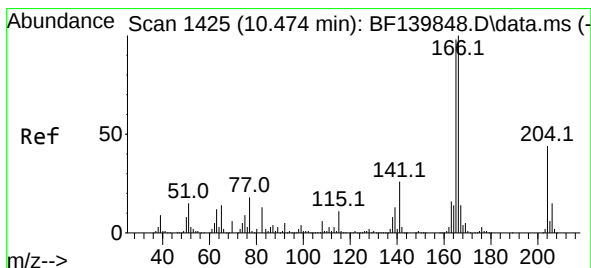
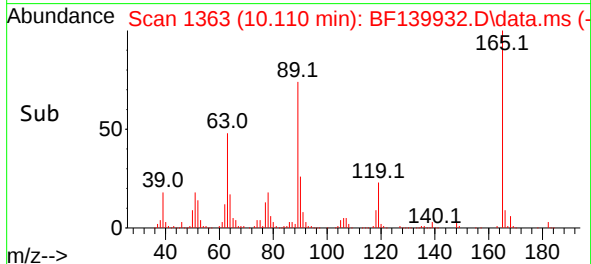
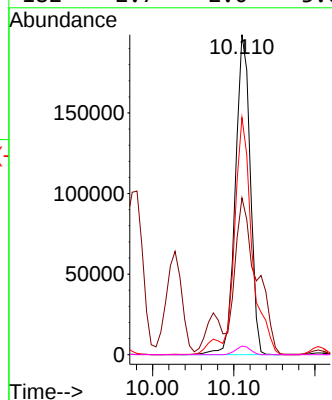
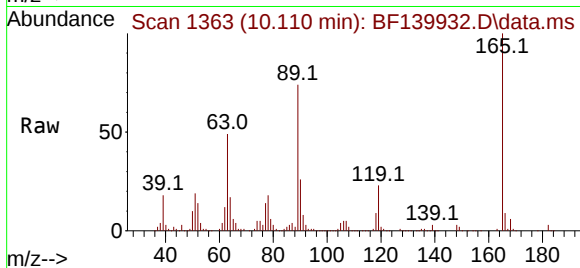




#57
2,4-Dinitrotoluene
Concen: 54.785 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

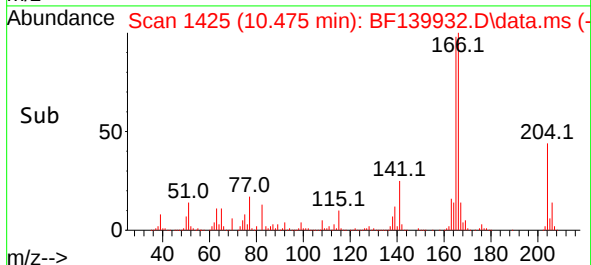
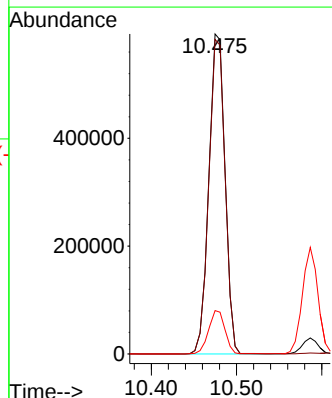
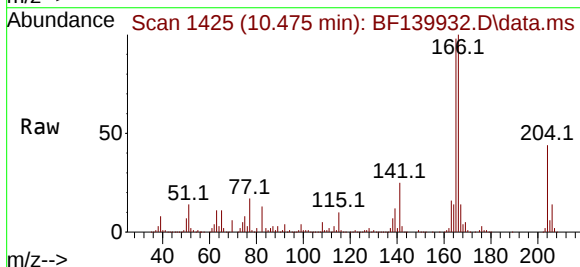
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:165 Resp: 251738
Ion Ratio Lower Upper
165 100
63 49.0 40.1 60.1
89 74.2 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 49.358 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:166 Resp: 783612
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.6 10.9 16.3

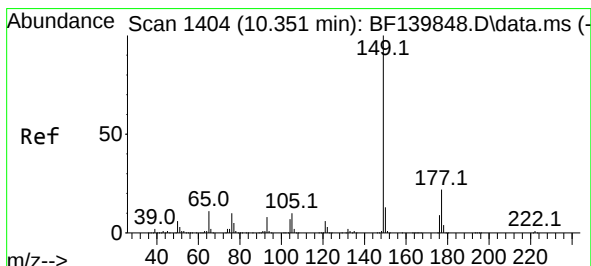
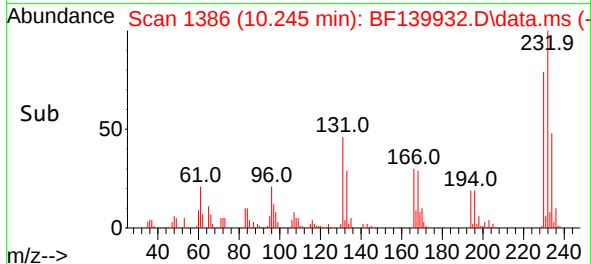
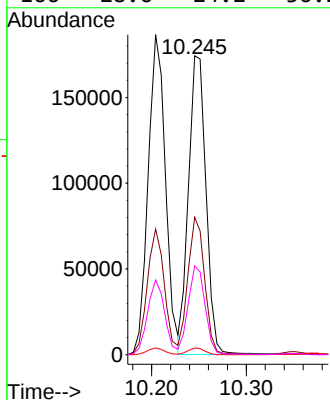
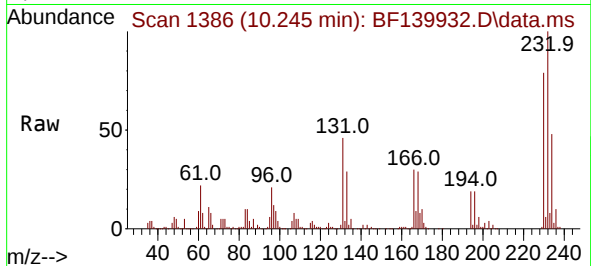




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.311 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

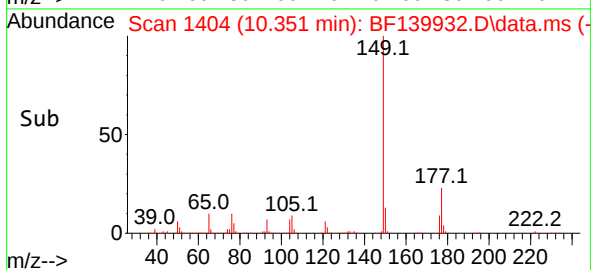
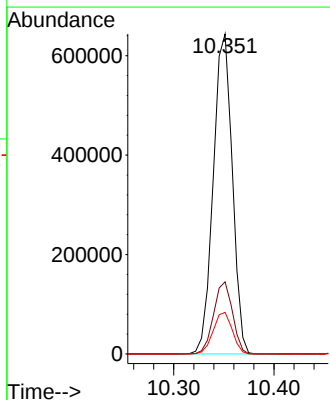
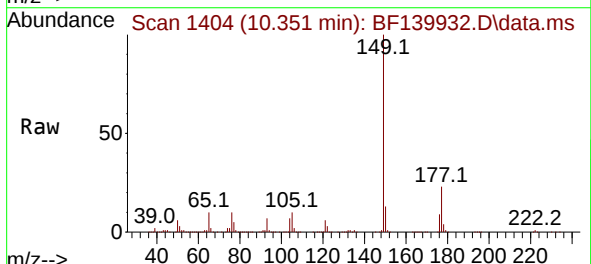
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

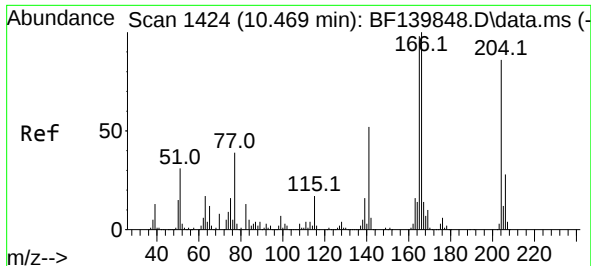
Tgt Ion:232 Resp: 223898
Ion Ratio Lower Upper
232 100
131 44.3 37.0 55.6
130 2.1 1.9 2.9
166 28.6 24.2 36.2



#60
Diethylphthalate
Concen: 50.054 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:149 Resp: 848123
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 13.0 10.1 15.1

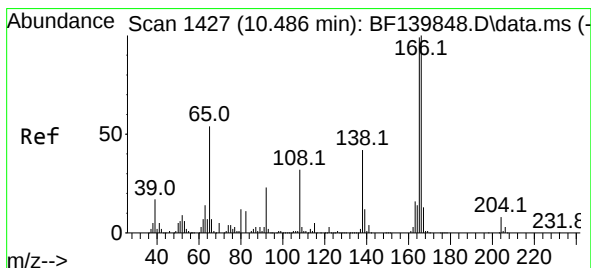
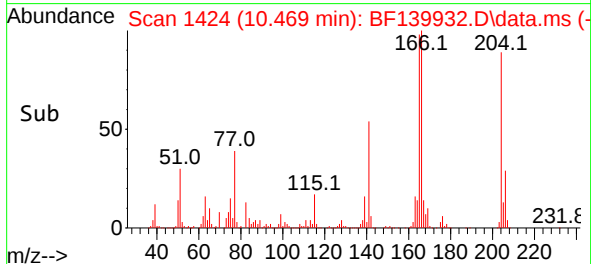
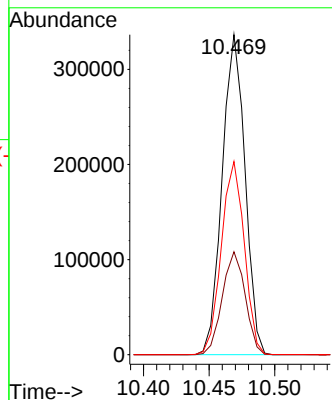
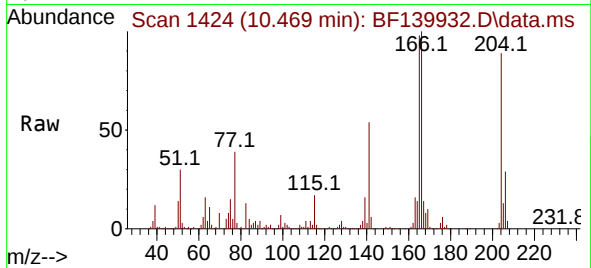




#61
4-Chlorophenyl-phenylether
Concen: 50.795 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

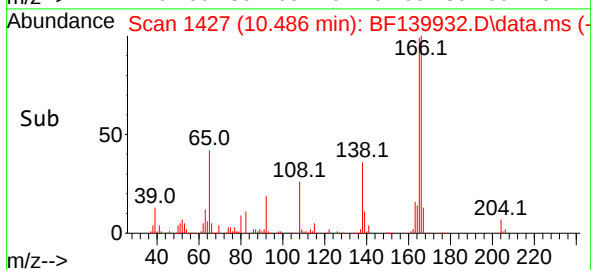
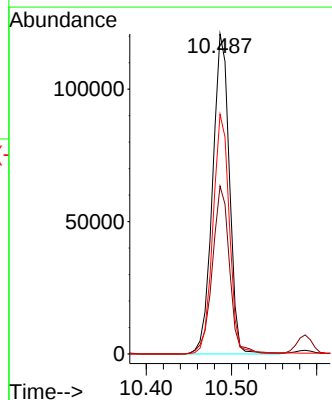
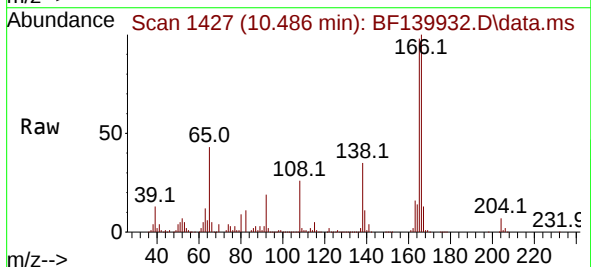
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

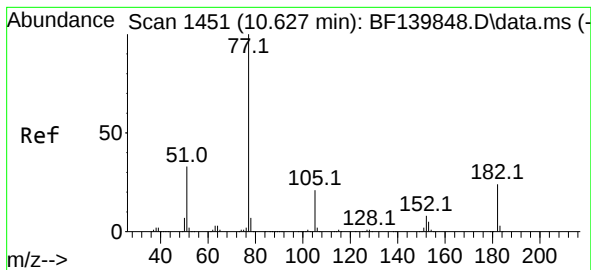
Tgt Ion:204 Resp: 407249
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 60.3 48.6 73.0



#62
4-Nitroaniline
Concen: 45.516 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:138 Resp: 165645
Ion Ratio Lower Upper
138 100
92 52.5 35.7 75.7
108 74.9 57.5 97.5





#63

Azobenzene

Concen: 49.161 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion: 77 Resp: 883104

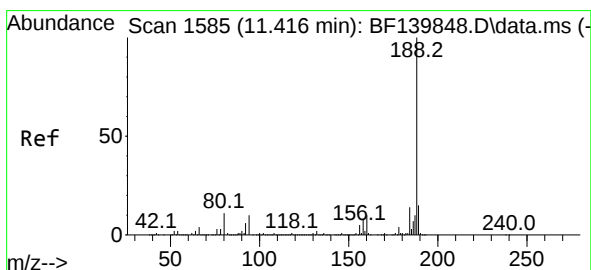
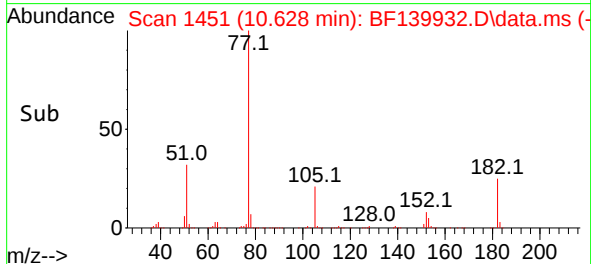
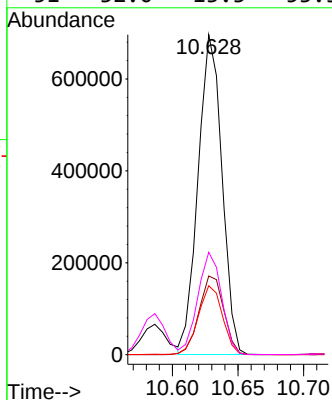
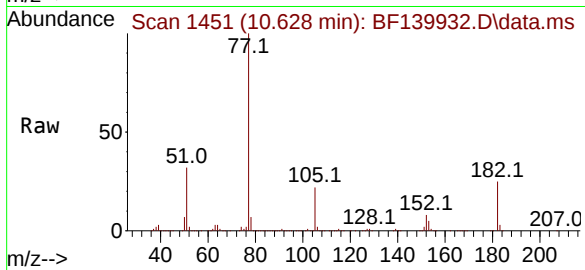
Ion Ratio Lower Upper

77 100

182 24.6 3.3 43.3

105 21.6 1.2 41.2

51 32.0 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

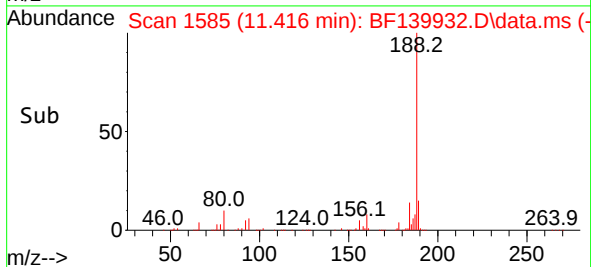
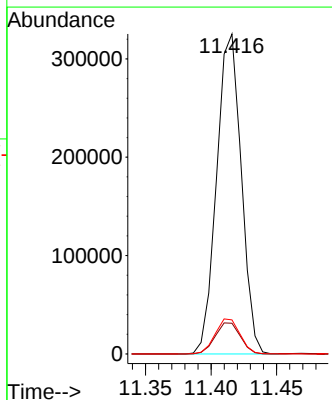
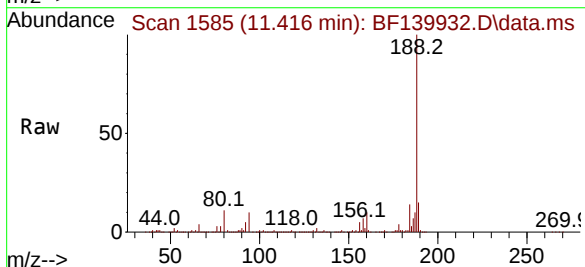
Tgt Ion:188 Resp: 425203

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.7 9.0 13.4

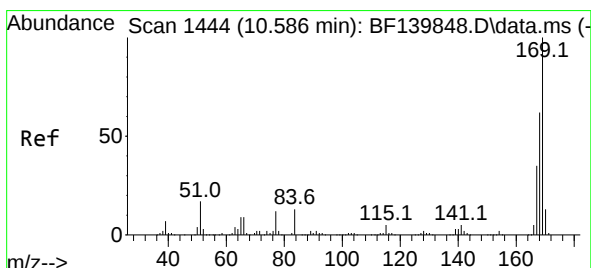
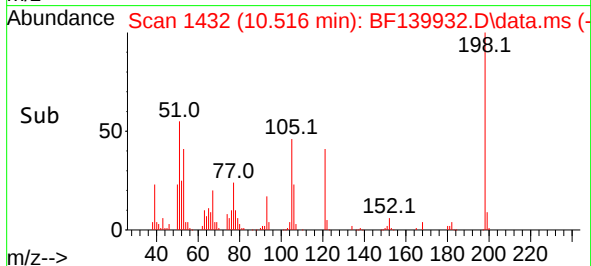
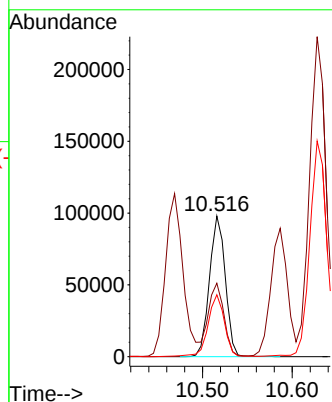
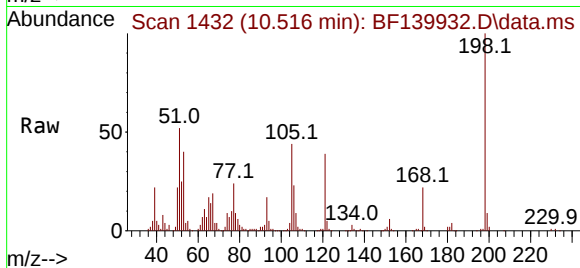




#65
4,6-Dinitro-2-methylphenol
Concen: 69.099 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

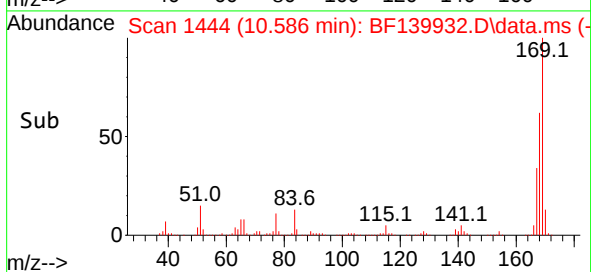
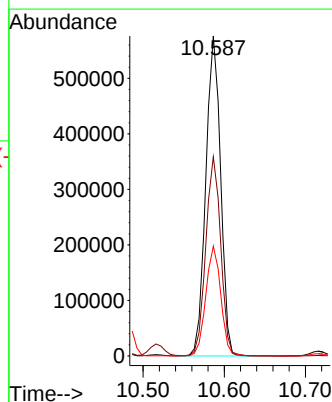
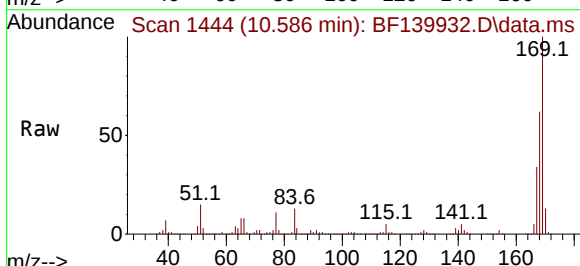
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

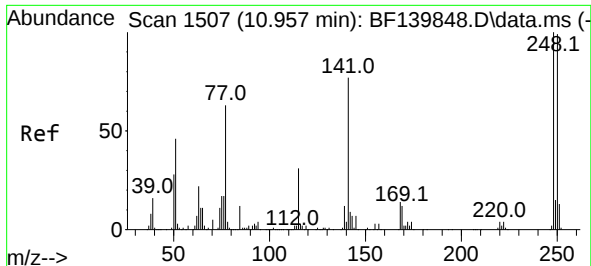
Tgt Ion:198 Resp: 119844
Ion Ratio Lower Upper
198 100
51 52.2 38.2 78.2
105 44.1 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 57.118 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:169 Resp: 726889
Ion Ratio Lower Upper
169 100
168 62.3 49.8 74.6
167 34.3 28.0 42.0

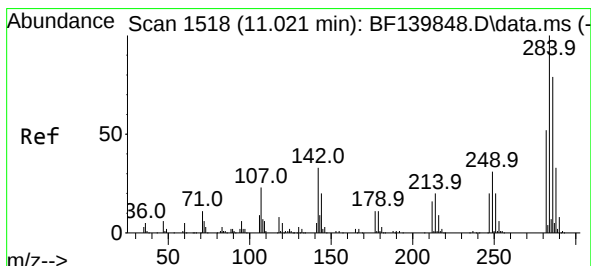
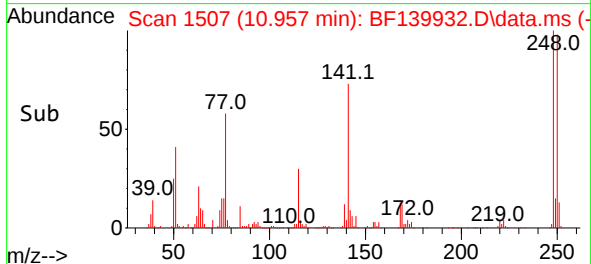
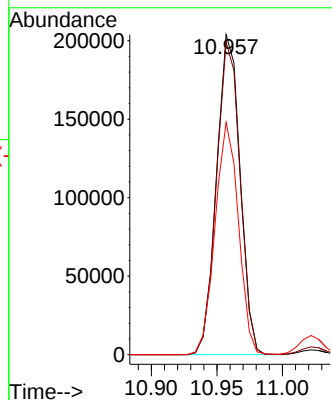
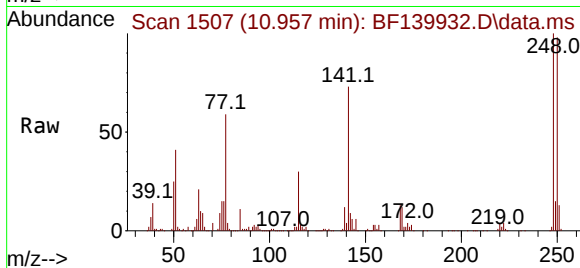




#67
4-Bromophenyl-phenylether
Concen: 58.295 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

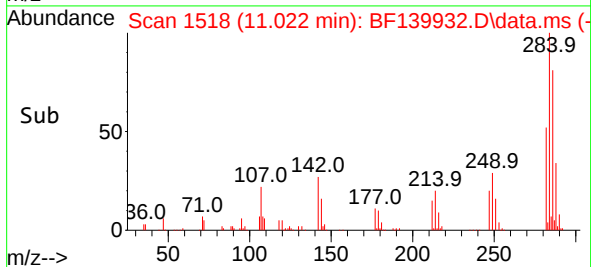
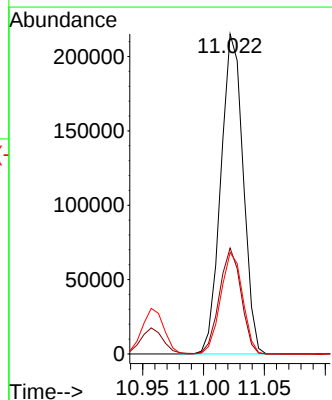
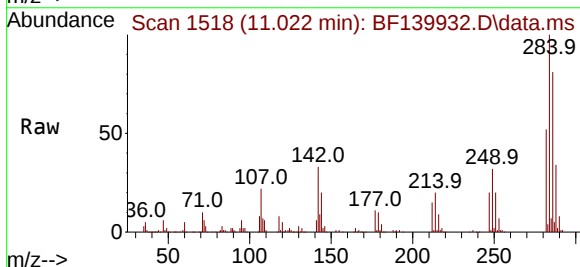
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

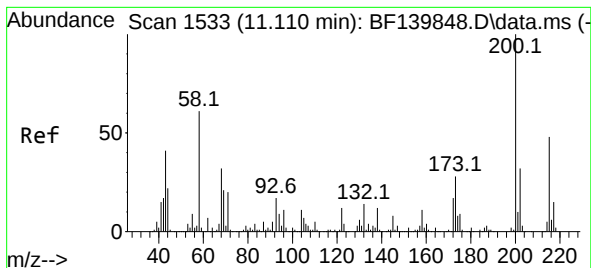
Tgt Ion:248 Resp: 255354
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 72.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 55.617 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:284 Resp: 273994
Ion Ratio Lower Upper
284 100
142 33.1 26.9 40.3
249 31.7 25.3 37.9





#69

Atrazine

Concen: 64.111 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

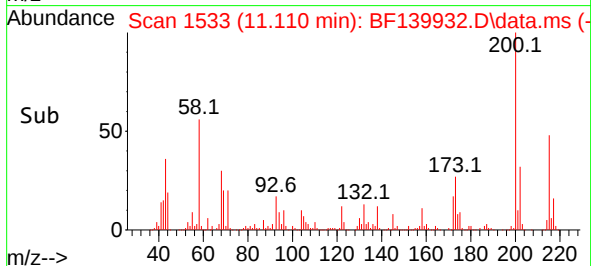
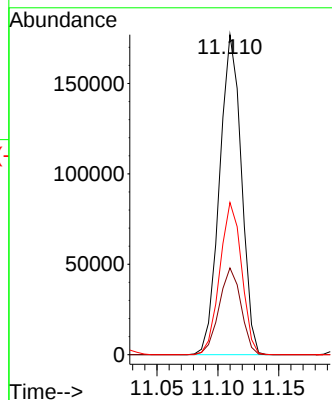
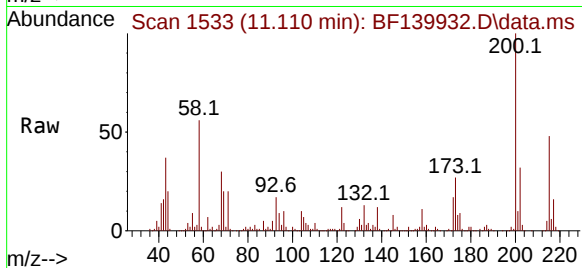
Tgt Ion:200 Resp: 221014

Ion Ratio Lower Upper

200 100

173 27.1 7.7 47.7

215 47.5 27.7 67.7



#70

Pentachlorophenol

Concen: 105.360 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

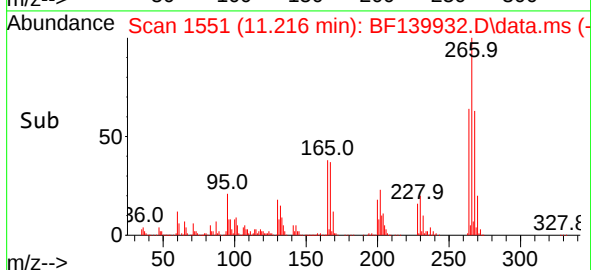
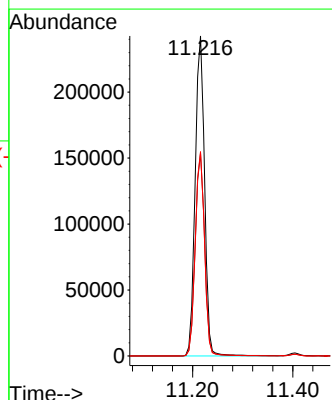
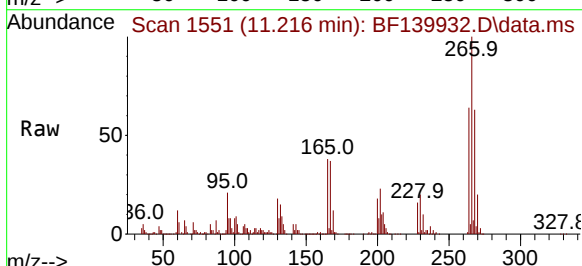
Tgt Ion:266 Resp: 315017

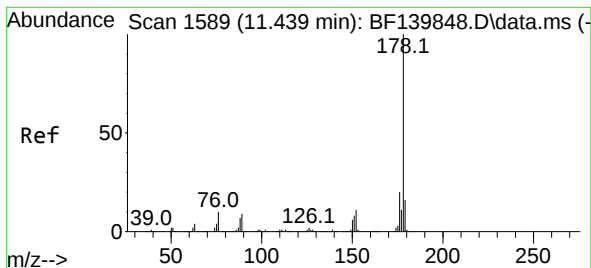
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 63.9 50.6 75.8





#71

Phenanthrene

Concen: 53.528 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

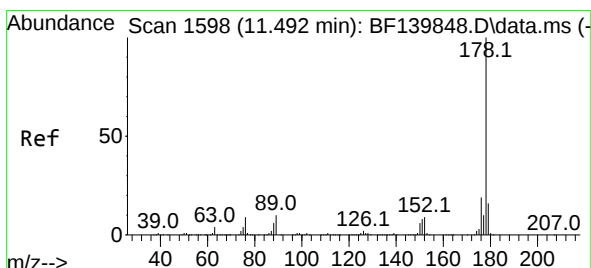
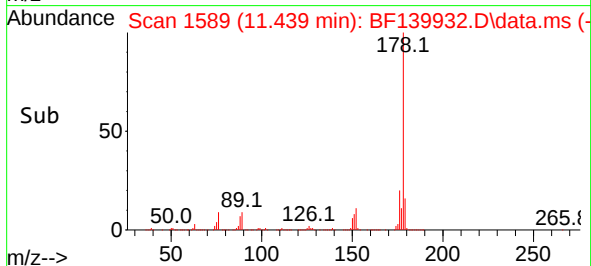
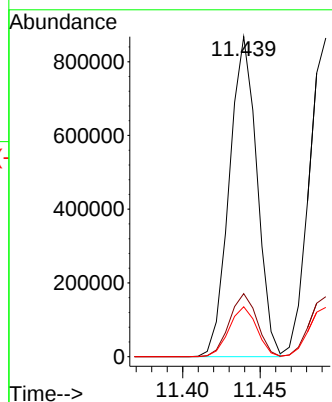
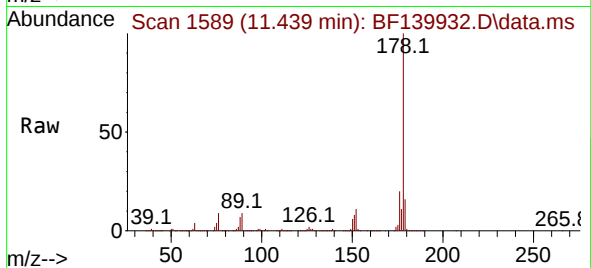
Tgt Ion:178 Resp: 1075089

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 55.735 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

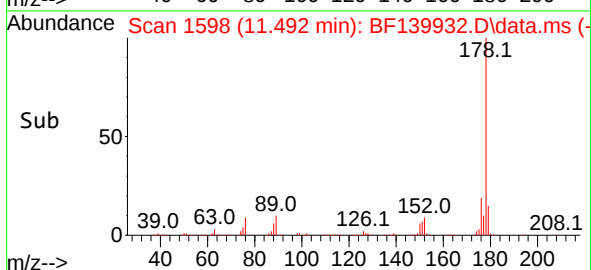
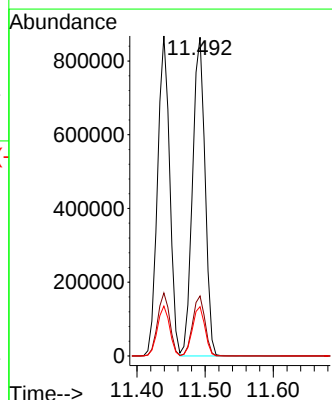
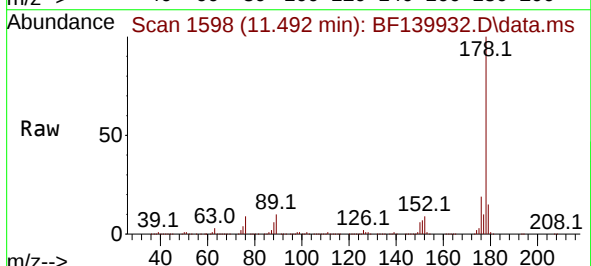
Tgt Ion:178 Resp: 1092209

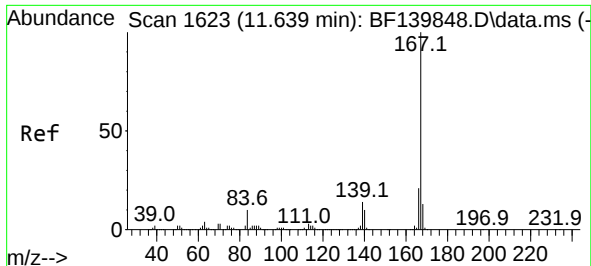
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.5 12.4 18.6

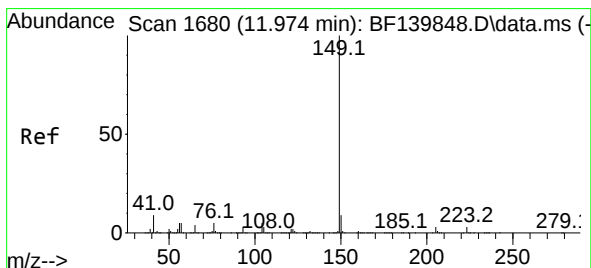
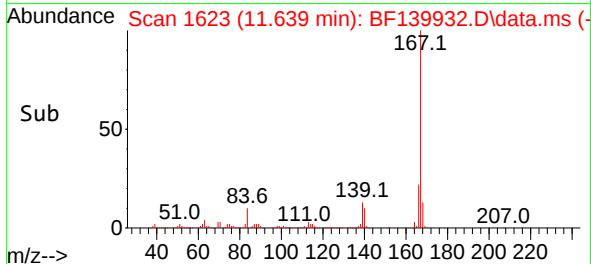
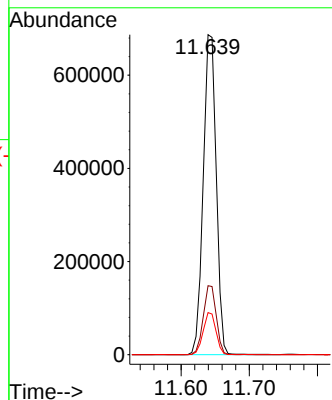
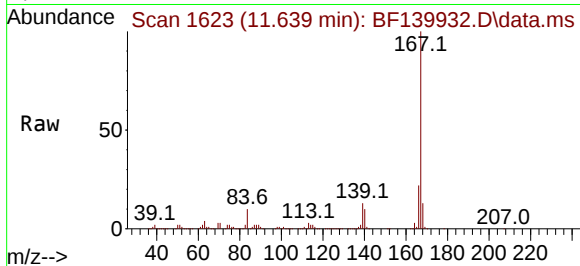




#73
 Carbazole
 Concen: 50.094 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139932.D
 Acq: 22 Oct 2024 16:59

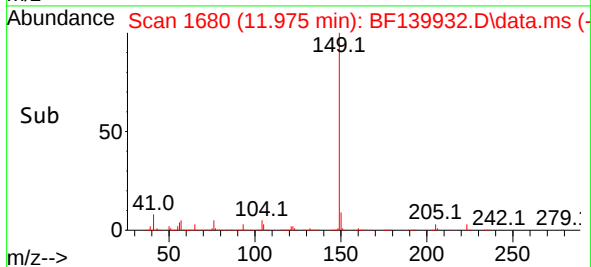
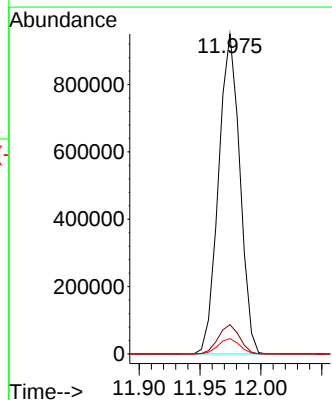
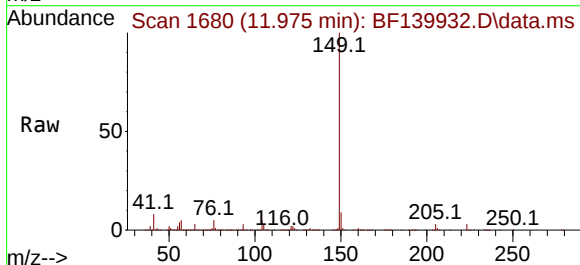
Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD

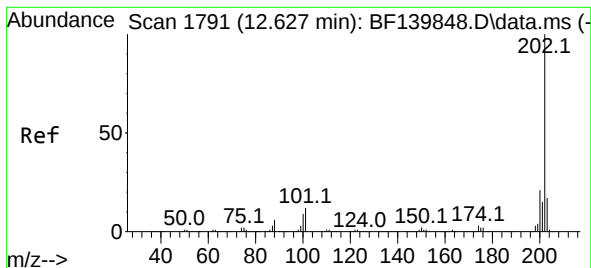
Tgt Ion:167 Resp: 912960
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 55.009 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139932.D
 Acq: 22 Oct 2024 16:59

Tgt Ion:149 Resp: 1158274
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 49.648 ng

RT: 12.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

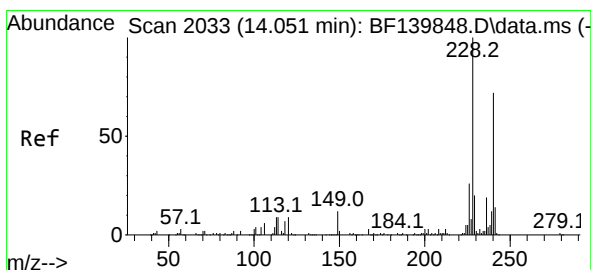
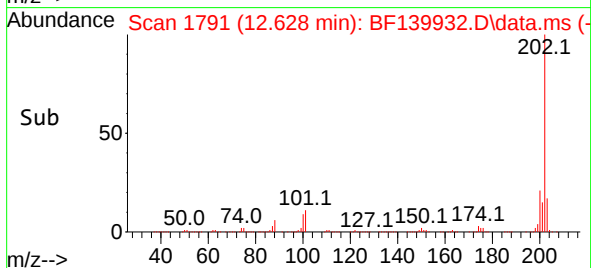
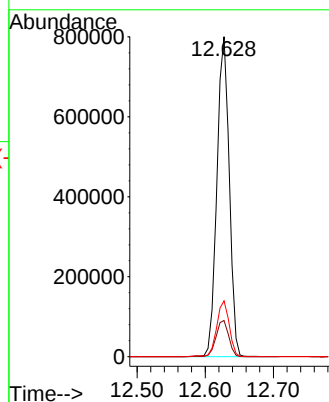
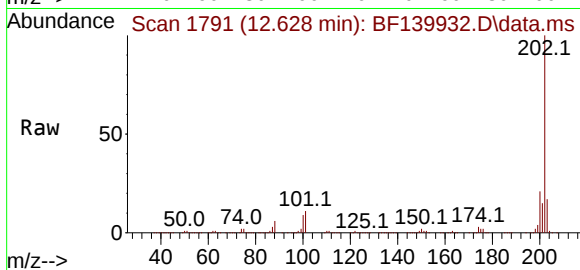
Tgt Ion:202 Resp: 1008065

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.9

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

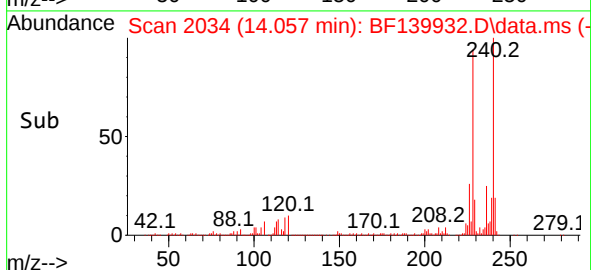
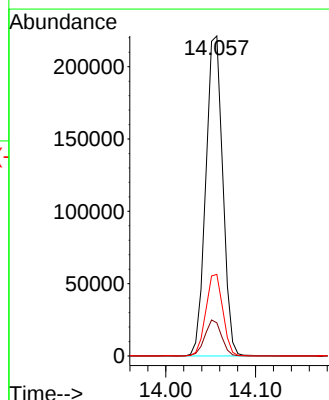
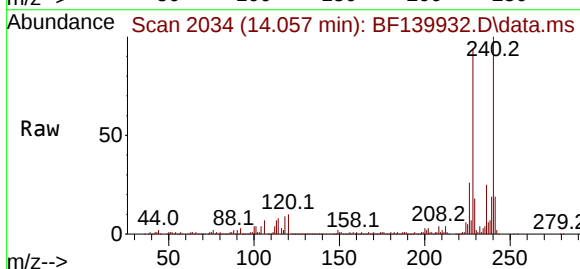
Tgt Ion:240 Resp: 290316

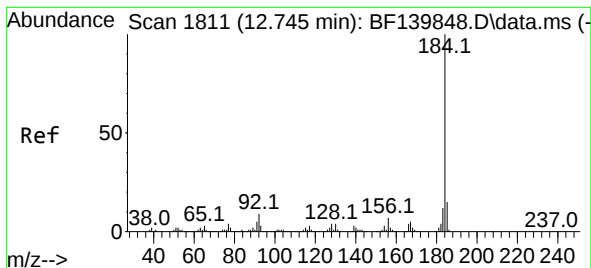
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.5 20.9 31.3





#77

Benzidine

Concen: 17.816 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

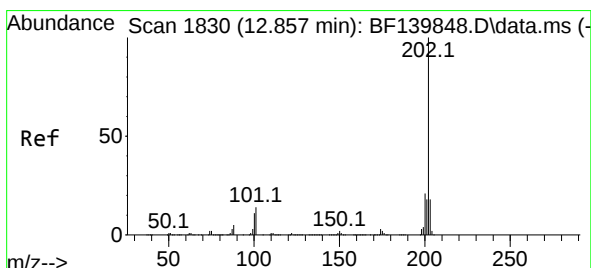
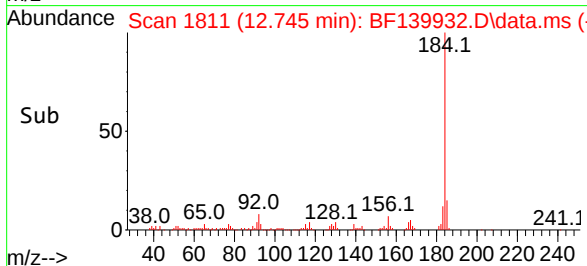
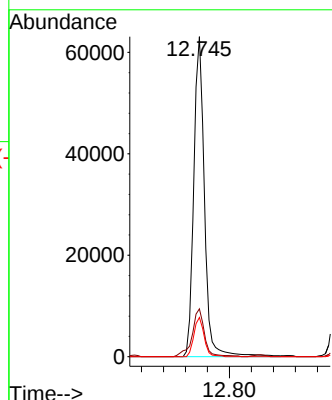
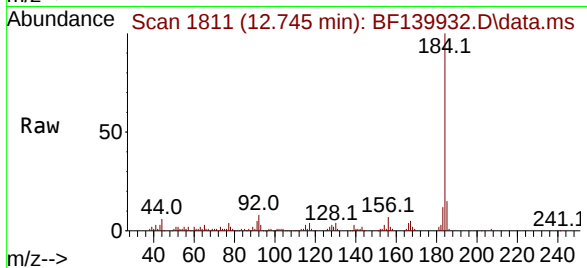
Tgt Ion:184 Resp: 85050

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 12.2 9.4 14.2



#78

Pyrene

Concen: 40.790 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

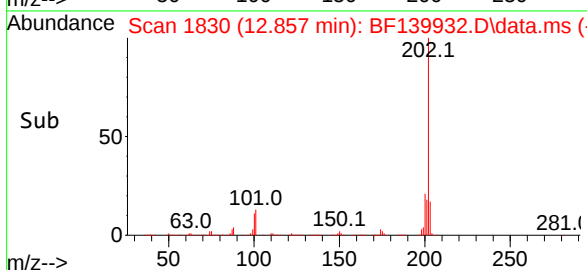
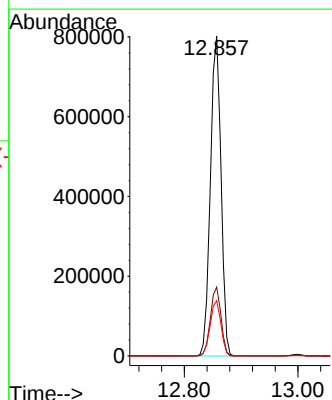
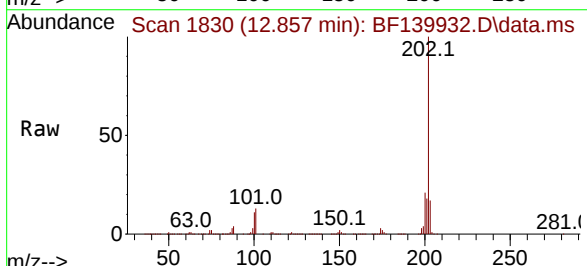
Tgt Ion:202 Resp: 1036554

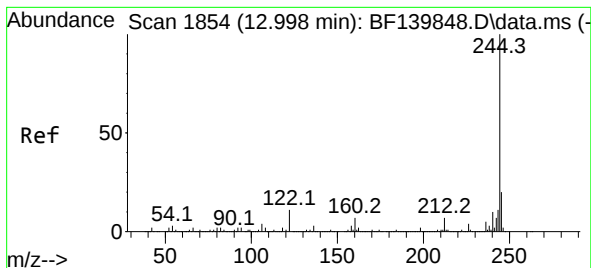
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.2 14.2 21.4





#79

Terphenyl-d14

Concen: 85.898 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

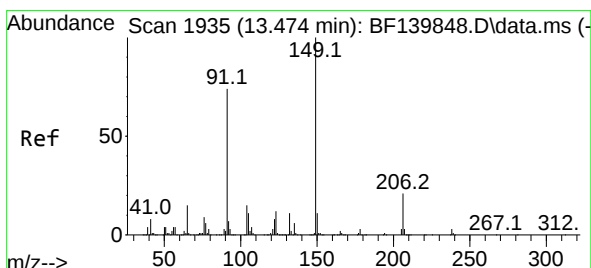
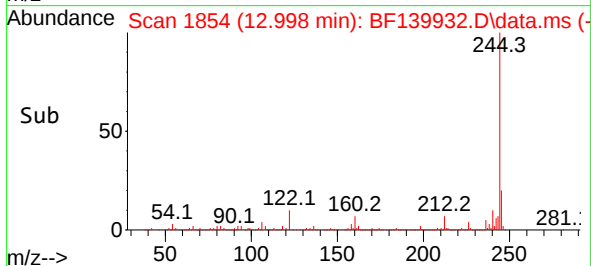
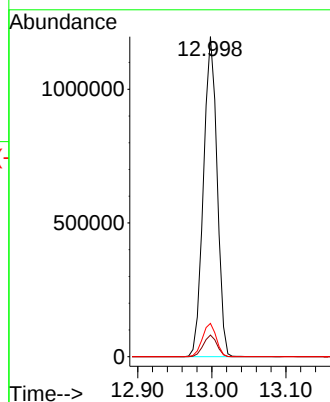
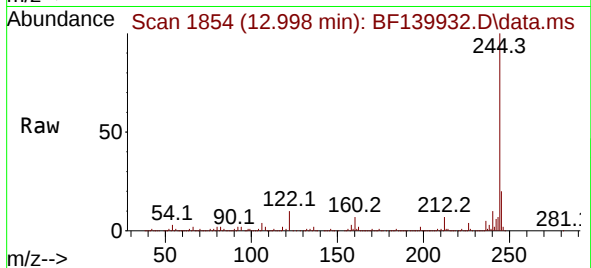
Tgt Ion:244 Resp: 1530395

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 57.423 ng

RT: 13.475 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

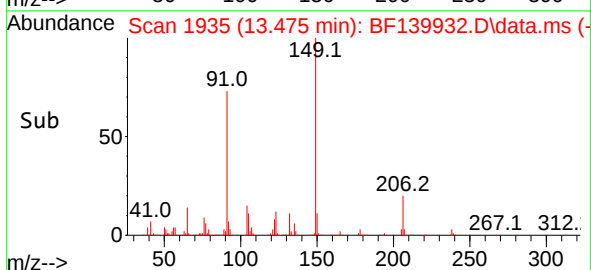
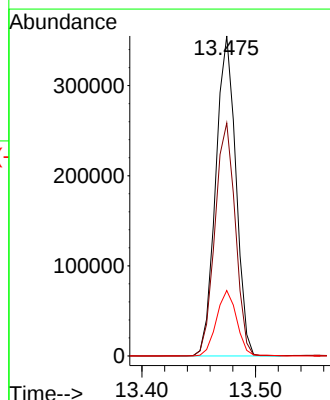
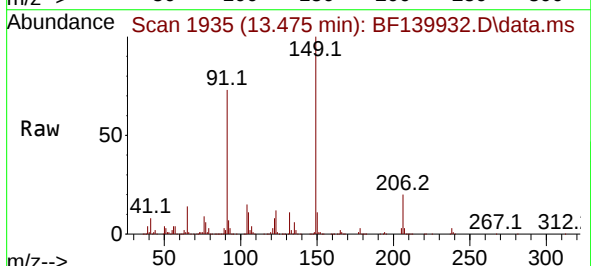
Tgt Ion:149 Resp: 437486

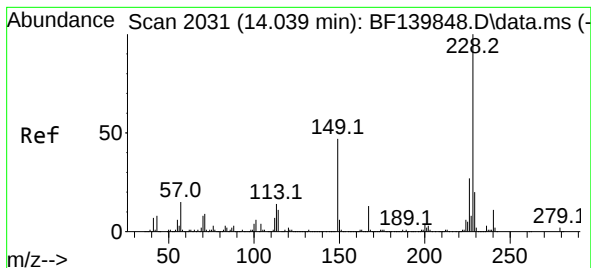
Ion Ratio Lower Upper

149 100

91 72.8 59.4 89.2

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.312 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

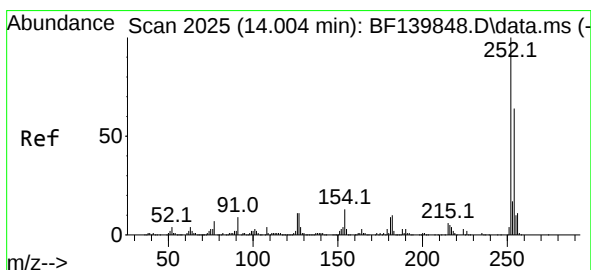
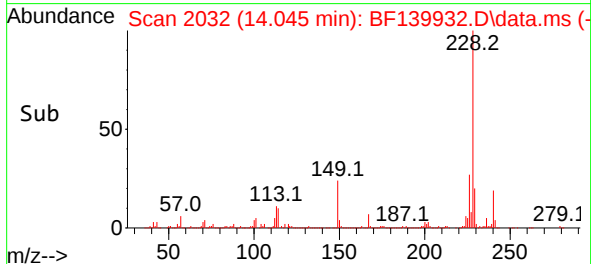
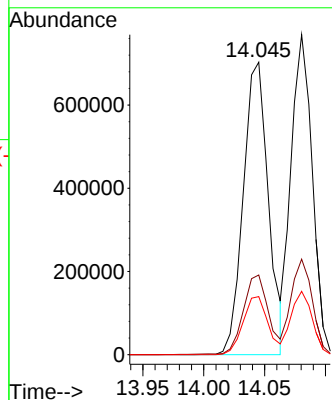
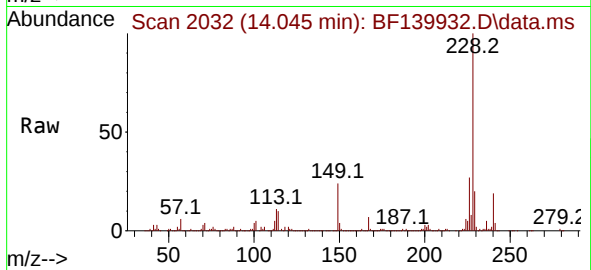
Tgt Ion:228 Resp: 1007528

Ion Ratio Lower Upper

228 100

226 27.3 21.6 32.4

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 25.426 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

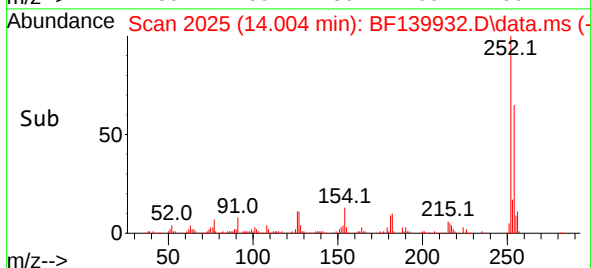
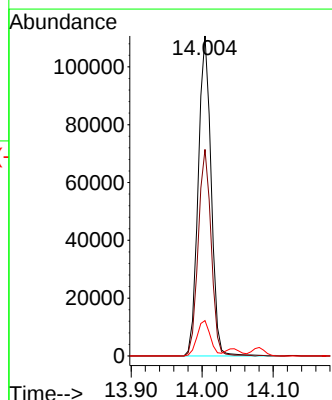
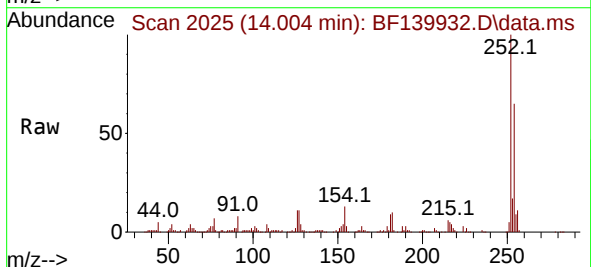
Tgt Ion:252 Resp: 140100

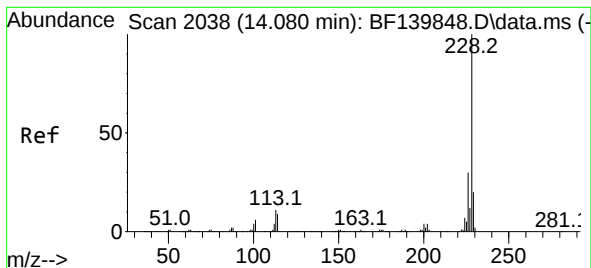
Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 53.703 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

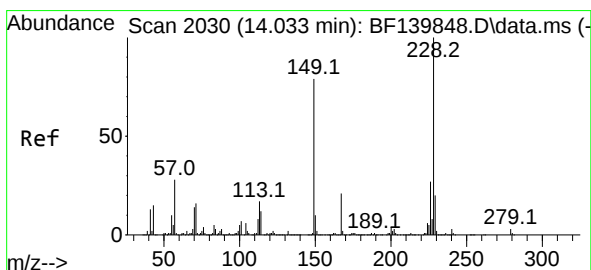
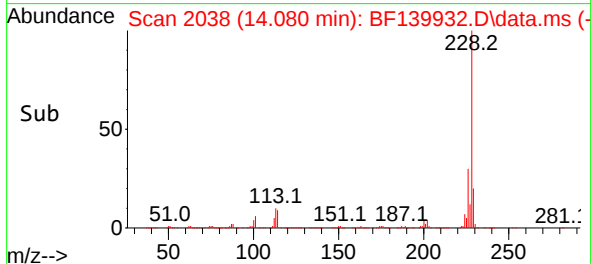
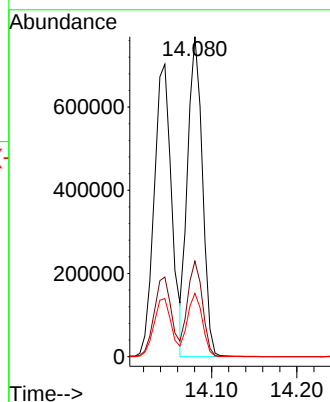
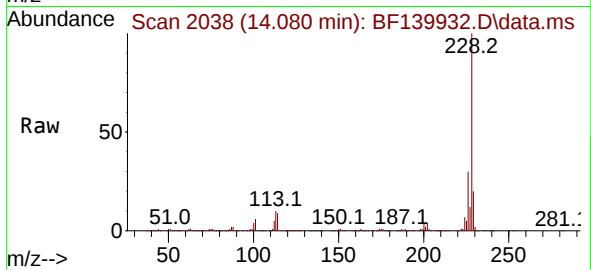
Tgt Ion:228 Resp: 930561

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.813 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

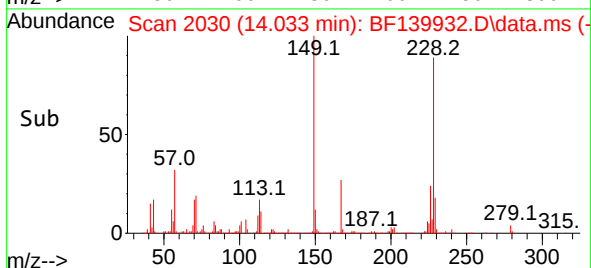
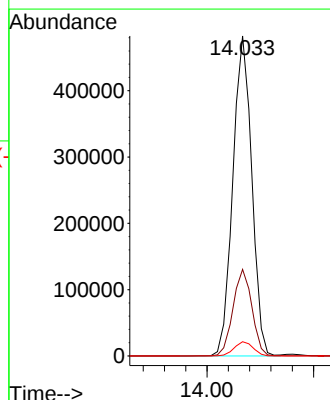
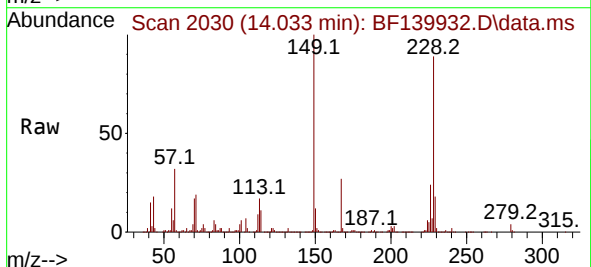
Tgt Ion:149 Resp: 596740

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.4 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 72.723 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

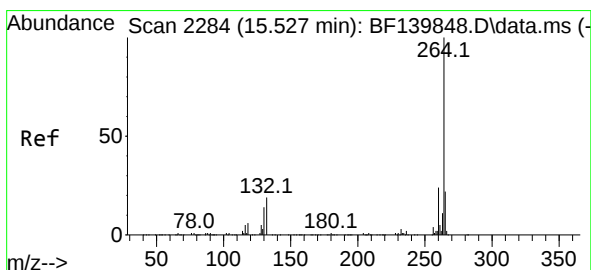
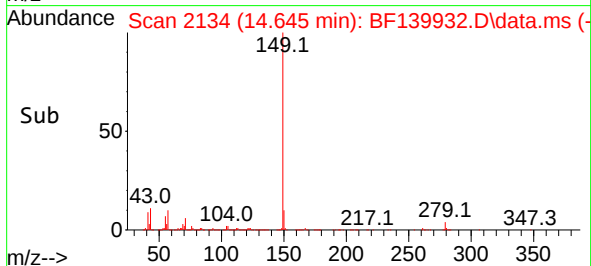
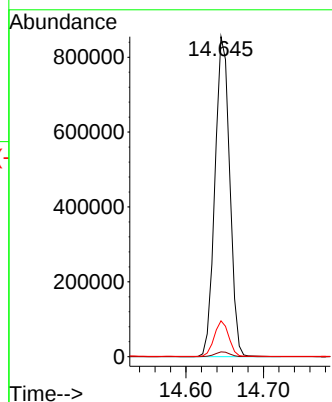
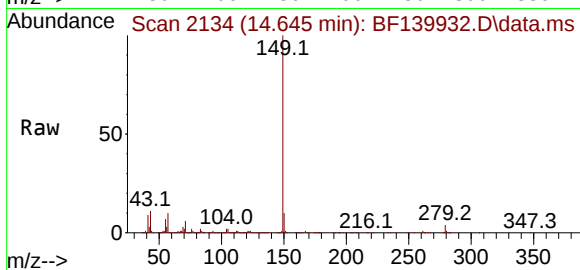
Tgt Ion:149 Resp: 1130644

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

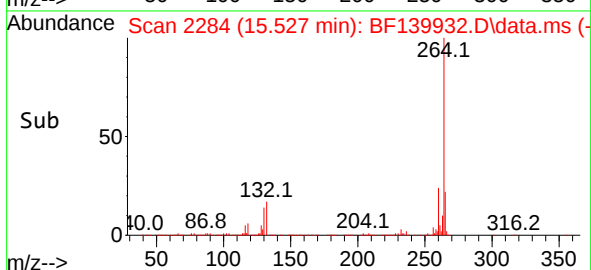
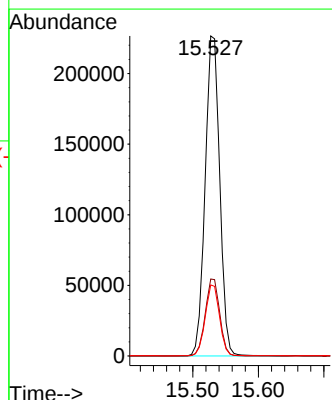
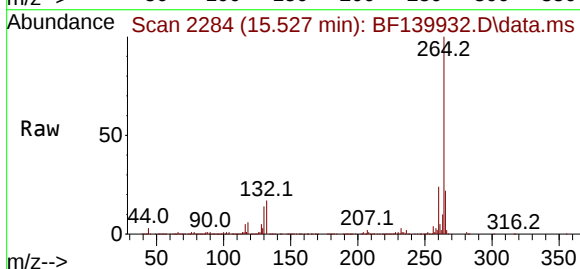
Tgt Ion:264 Resp: 350694

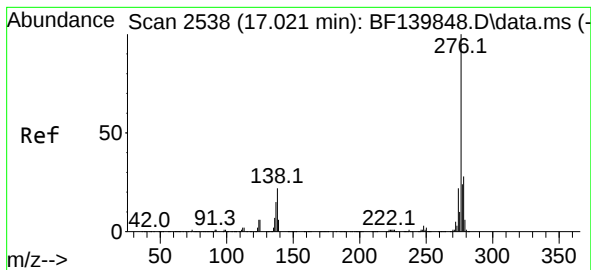
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.768 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

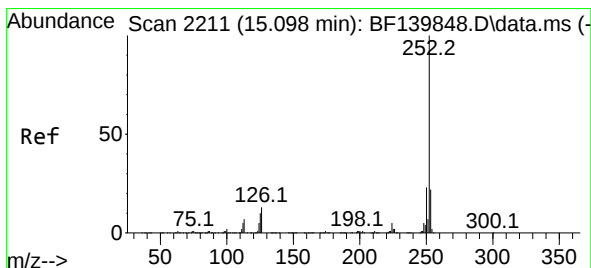
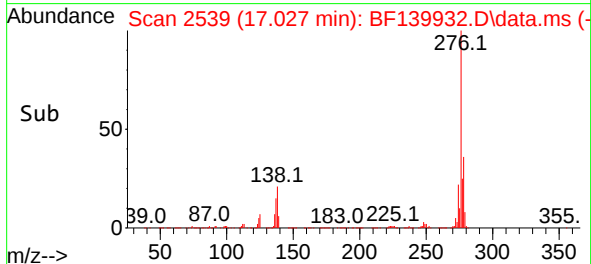
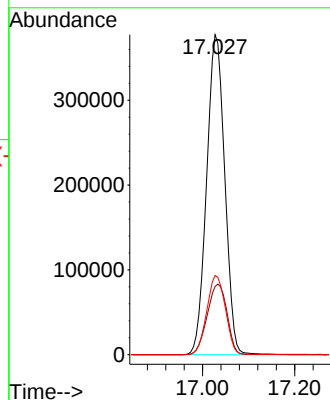
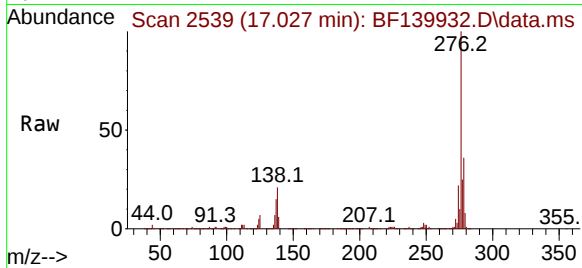
Tgt Ion:276 Resp: 1032579

Ion Ratio Lower Upper

276 100

138 24.1 20.4 30.6

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 55.851 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

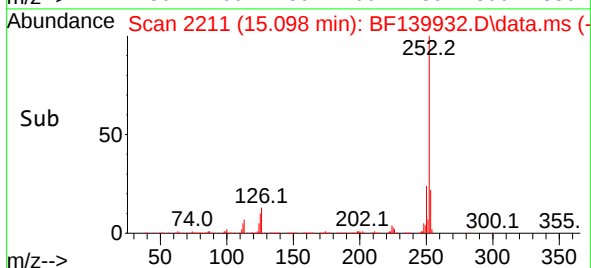
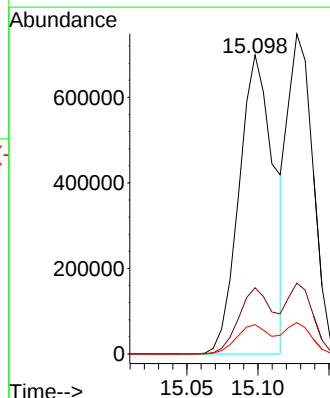
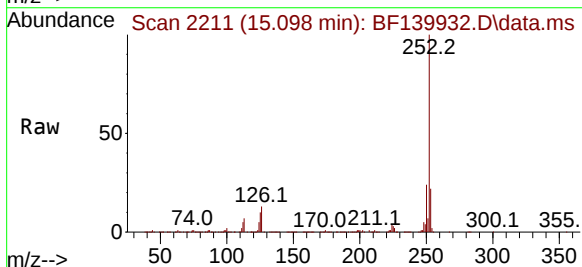
Tgt Ion:252 Resp: 1193133

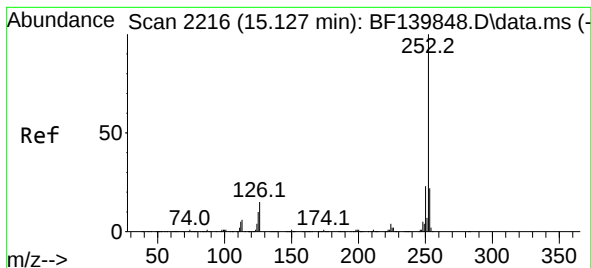
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 50.872 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

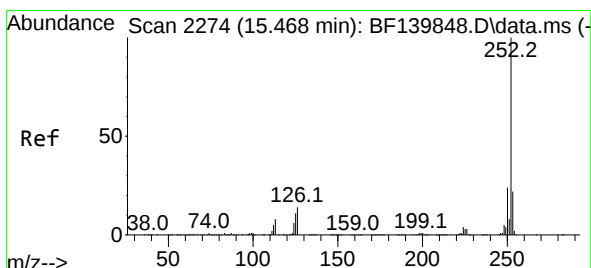
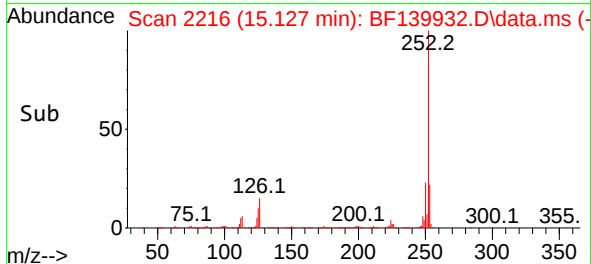
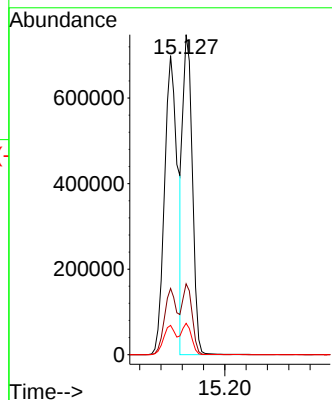
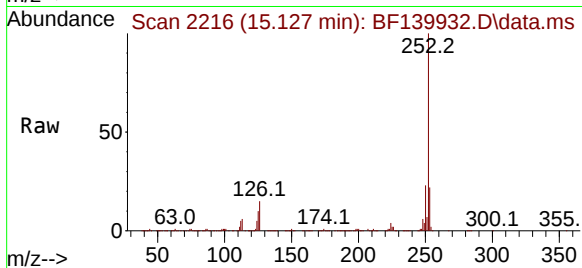
Tgt Ion:252 Resp: 937254

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 58.310 ng

RT: 15.469 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

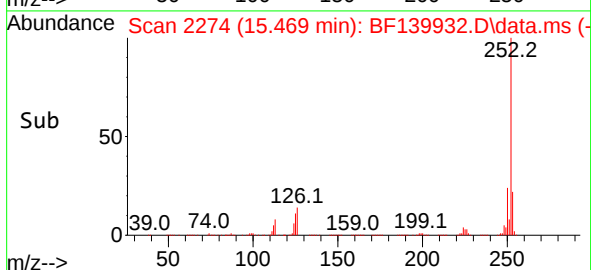
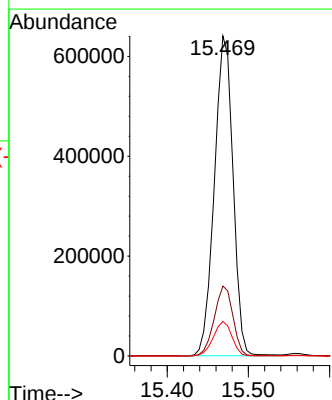
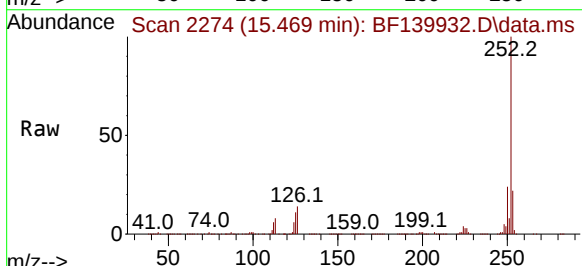
Tgt Ion:252 Resp: 1024977

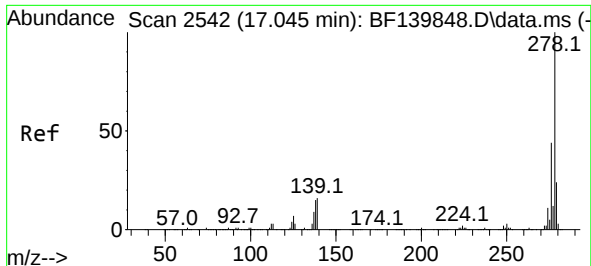
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.8 8.7 13.1

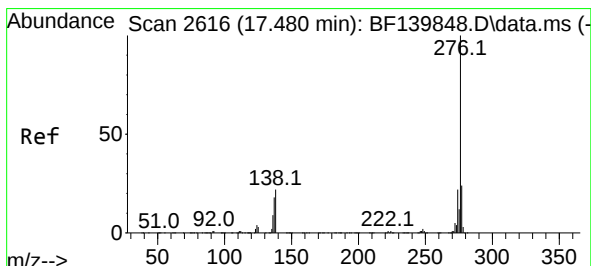
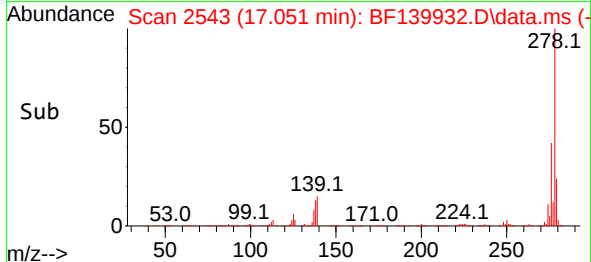
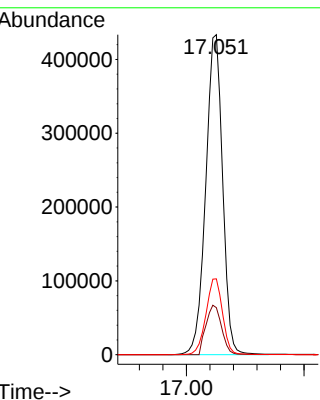
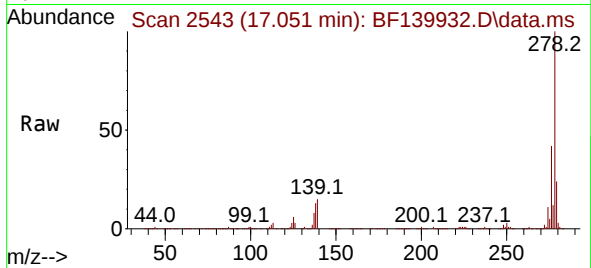




#91
Dibenzo(a,h)anthracene
Concen: 45.895 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:278 Resp: 863782
Ion Ratio Lower Upper
278 100
139 14.7 13.1 19.7
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 38.645 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:276 Resp: 726513
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 21.0 17.4 26.0

