

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140811.D
 Acq On : 10 Dec 2024 17:34
 Operator : RC/JU
 Sample : P5216-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-743

Quant Time: Dec 11 00:33:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

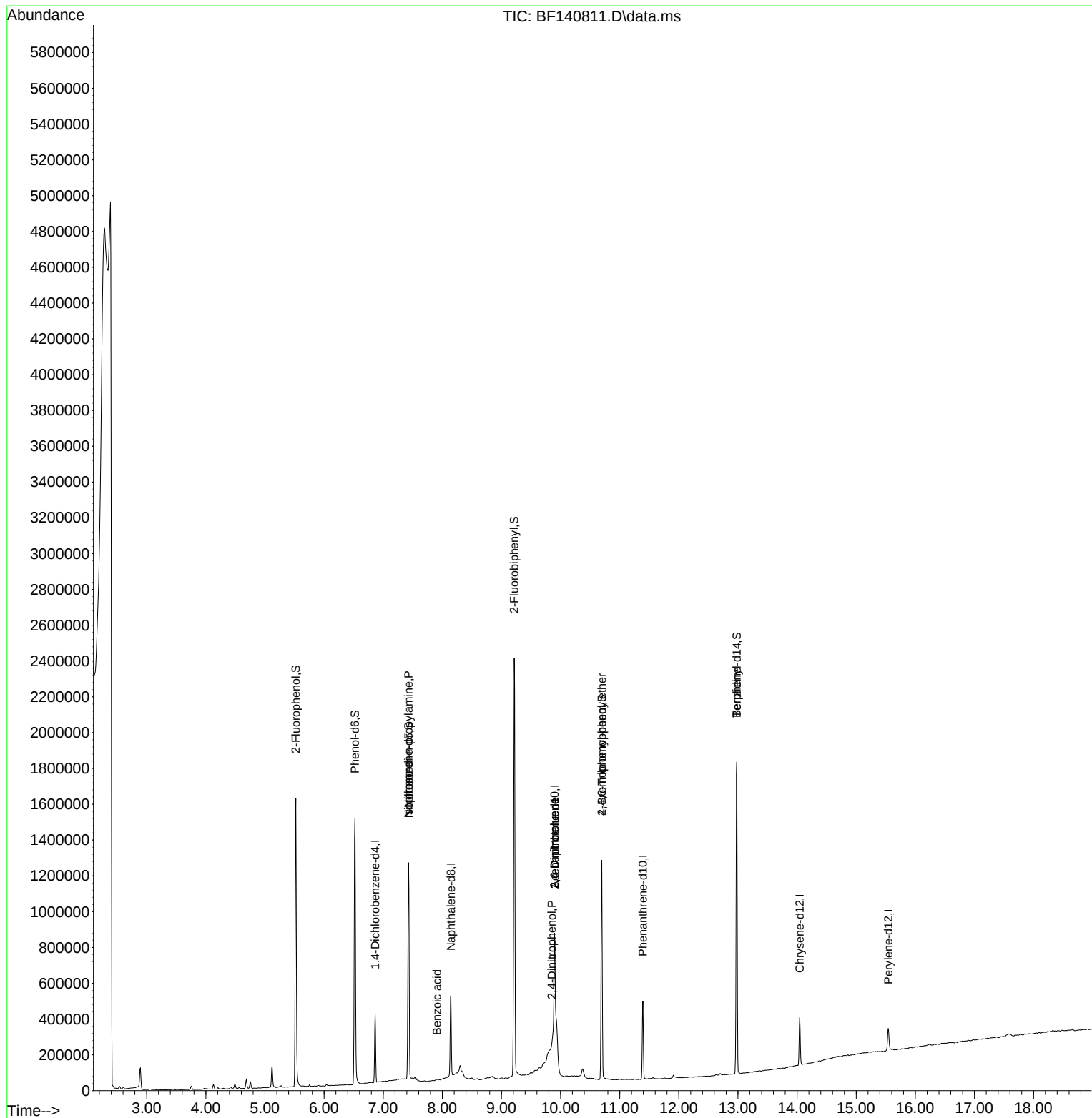
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82193	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	305435	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	159057	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	236792	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	132619	20.000	ng	0.00
86) Perylene-d12	15.545	264	87693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	647929	134.501	ng	0.02
7) Phenol-d6	6.522	99	761485	119.569	ng	0.00
23) Nitrobenzene-d5	7.428	82	582861	97.610	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	229031	134.635	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1094188	102.496	ng	-0.02
79) Terphenyl-d14	12.980	244	885626	103.985	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	80897	21.493	ng	# 78
25) Isophorone	7.428	82	577087	57.942	ng	# 66
32) Benzoic acid	7.910	122	809	7.433	ng	# 84
51) 2,6-Dinitrotoluene	9.898	165	20857	8.779	ng	# 31
54) 2,4-Dinitrophenol	9.851	184	228	7.990	ng	# 1
57) 2,4-Dinitrotoluene	9.898	165	20857	6.606	ng	# 29
67) 4-Bromophenyl-phenylether	10.698	248	14810	6.073	ng	# 1
77) Benzidine	12.980	184	12511	3.245	ng	97

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

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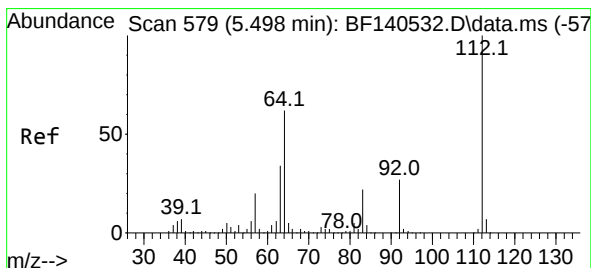
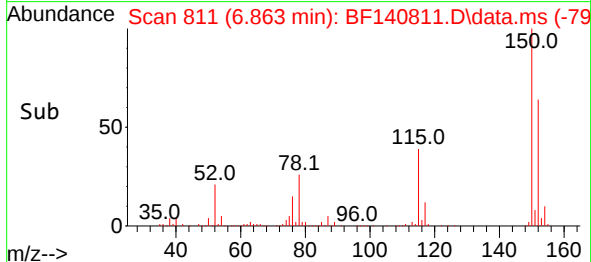
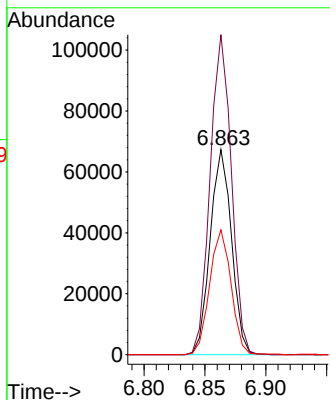
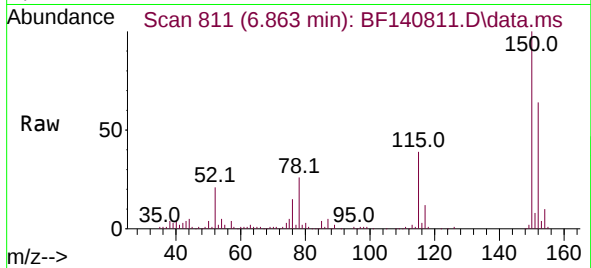




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

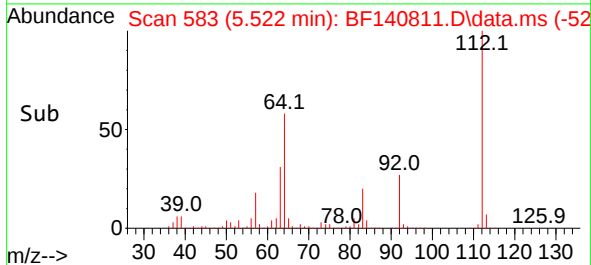
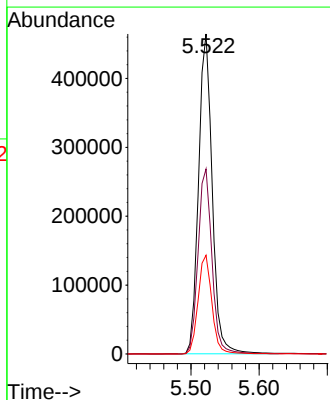
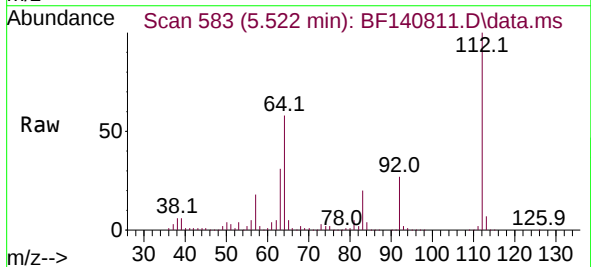
Instrument :
BNA_F
ClientSampleId :
MH-743

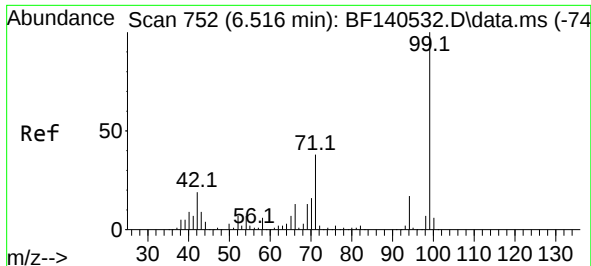
Tgt Ion:152 Resp: 82193
Ion Ratio Lower Upper
152 100
150 156.0 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 134.501 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:112 Resp: 647929
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 30.9 27.0 40.4

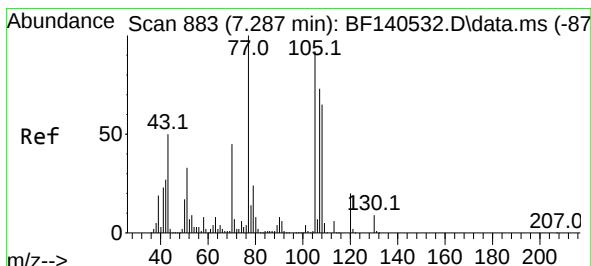
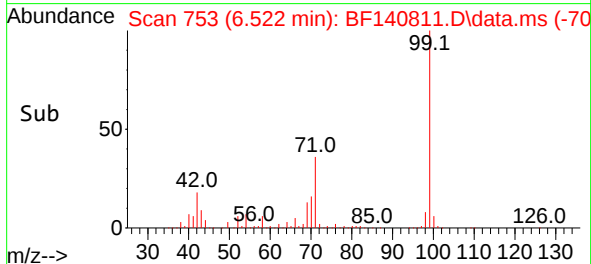
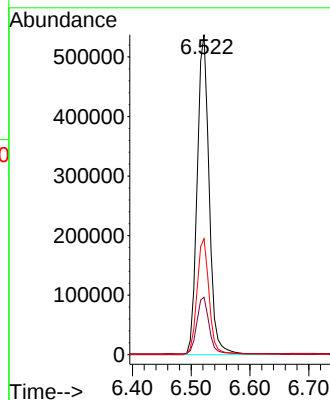
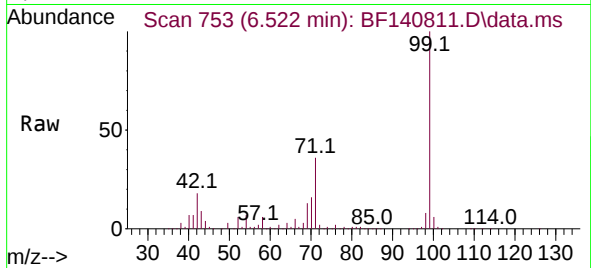




#7
Phenol-d6
Concen: 119.569 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

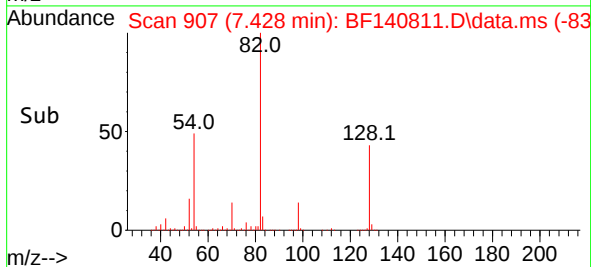
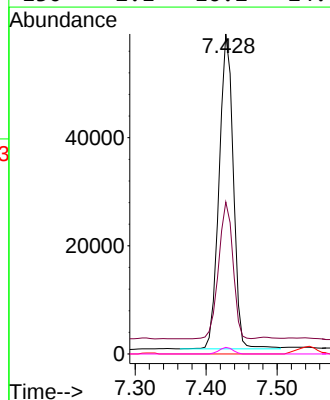
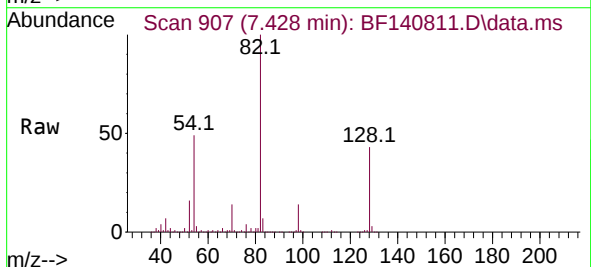
Instrument :
BNA_F
ClientSampleId :
MH-743

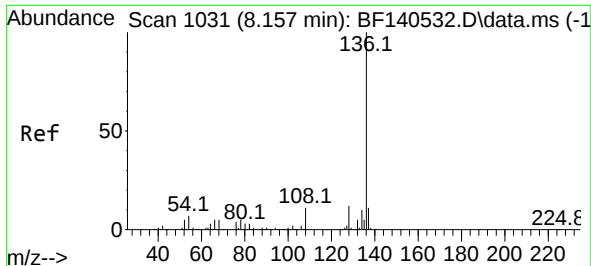
Tgt Ion: 99 Resp: 761485
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.493 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion: 70 Resp: 80897
Ion Ratio Lower Upper
70 100
42 47.5 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#

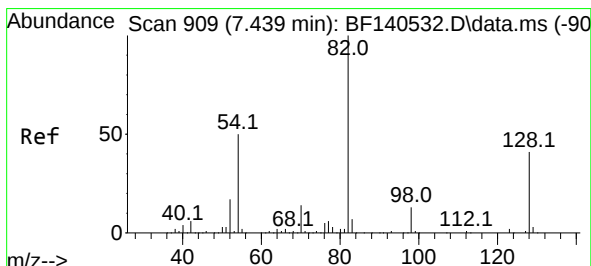
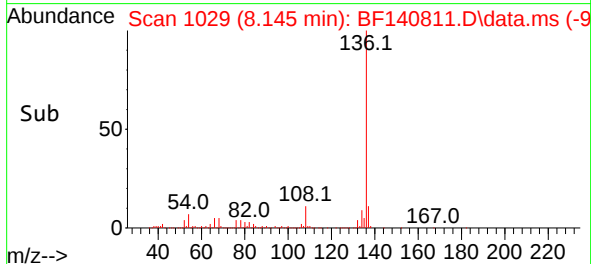
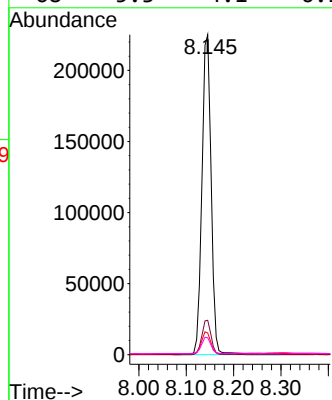
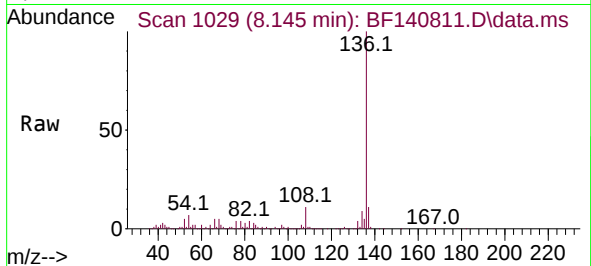




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

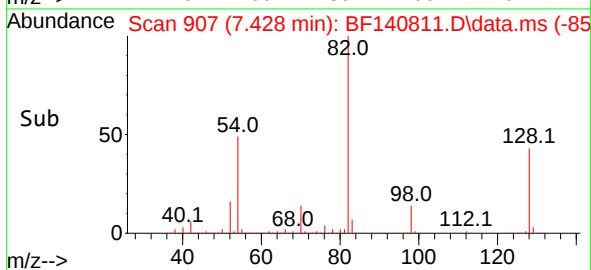
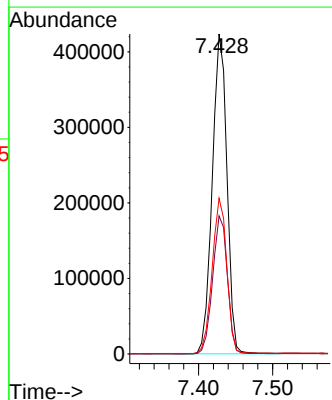
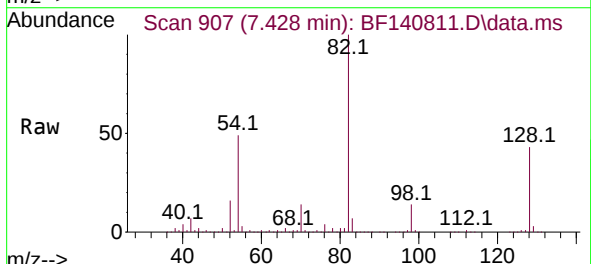
Instrument :
BNA_F
ClientSampleId :
MH-743

Tgt Ion:	136	Resp:	305435
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.8	5.8	8.8
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 97.610 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:	82	Resp:	582861
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	48.6	39.5	59.3

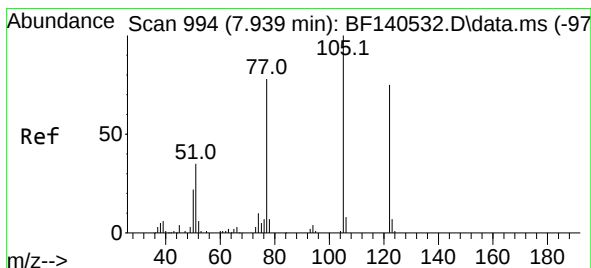
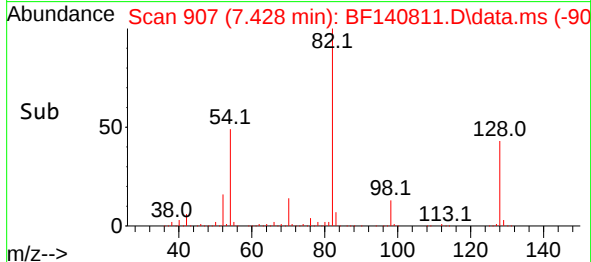
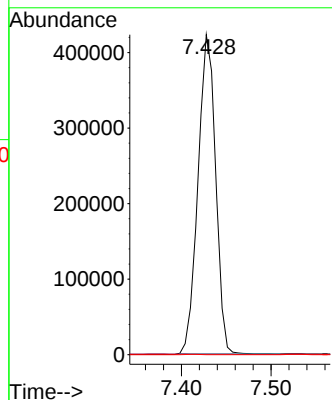
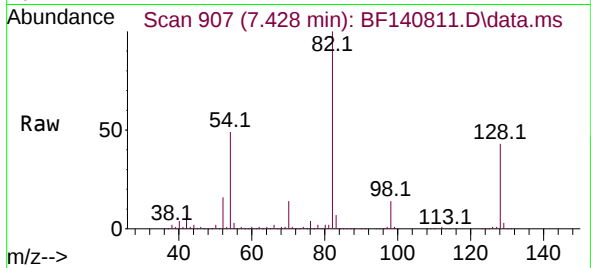




#25
Isophorone
Concen: 57.942 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

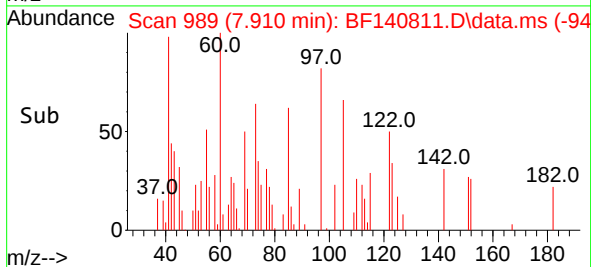
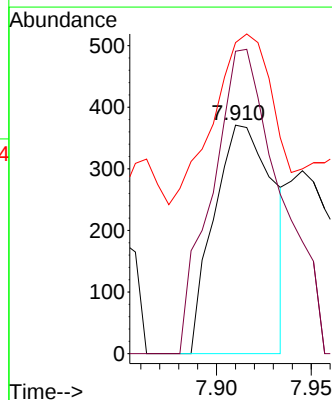
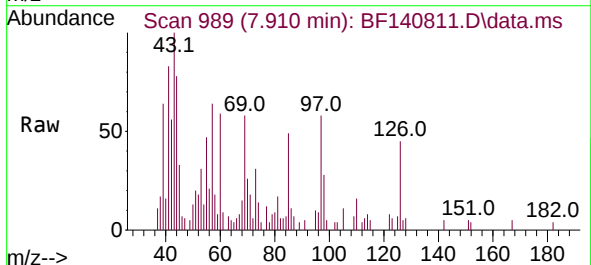
Instrument :
BNA_F
ClientSampleId :
MH-743

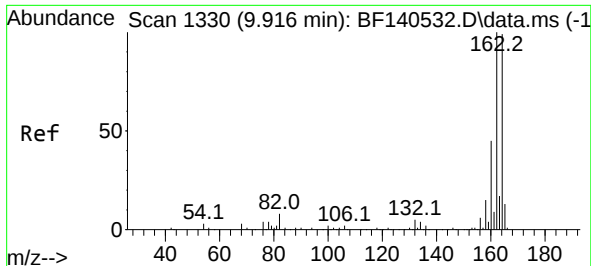
Tgt Ion: 82 Resp: 577087
Ion Ratio Lower Upper
82 100
95 0.2 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.433 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.029 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

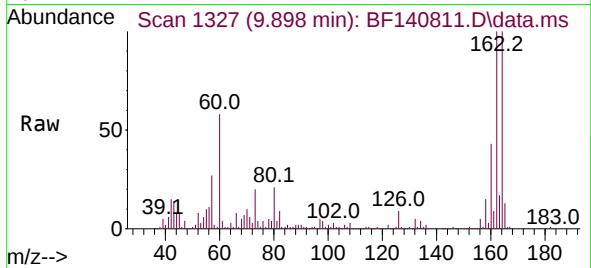
Tgt Ion:122 Resp: 809
Ion Ratio Lower Upper
122 100
105 132.3 109.3 149.3
77 136.1 82.3 122.3#



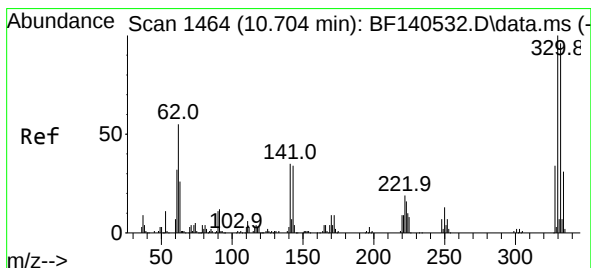
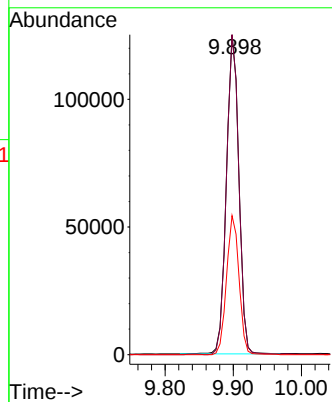
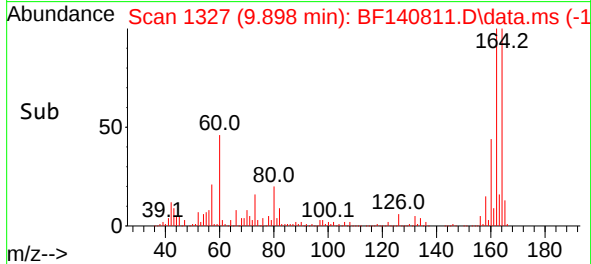


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

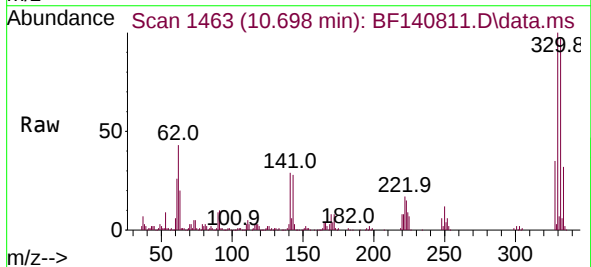
Instrument :
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ClientSampleId :
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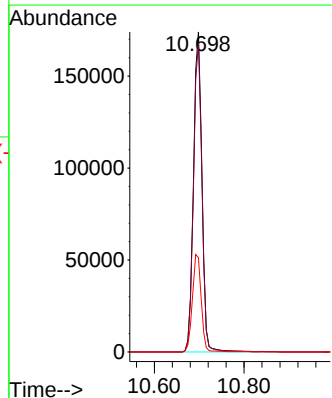
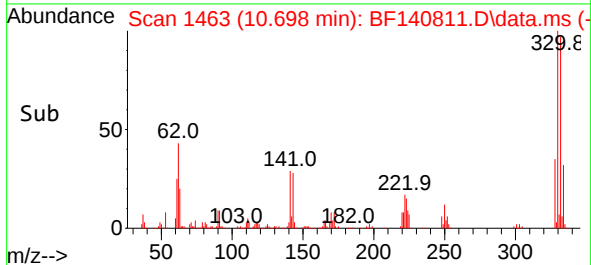
Tgt Ion:164 Resp: 159057
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.5 36.2 54.4

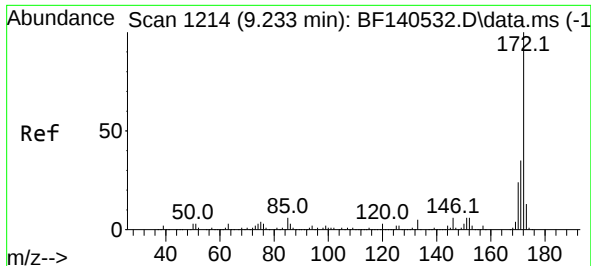


#42
2,4,6-Tribromophenol
Concen: 134.635 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34



Tgt Ion:330 Resp: 229031
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 31.7 26.7 40.1

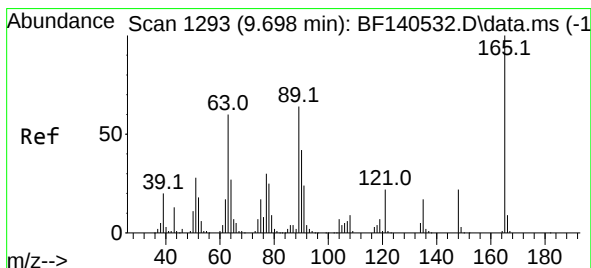
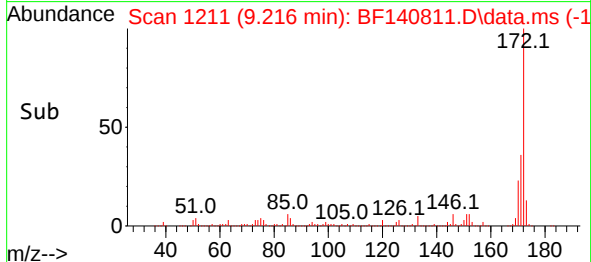
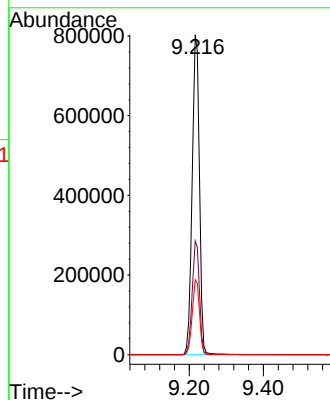
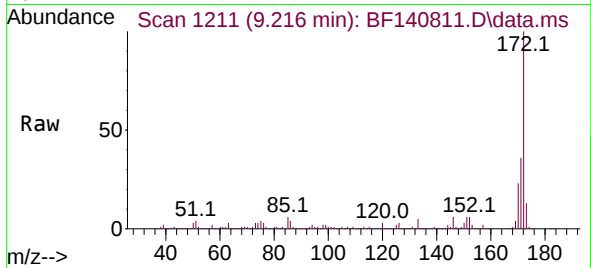




#45
2-Fluorobiphenyl
Concen: 102.496 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

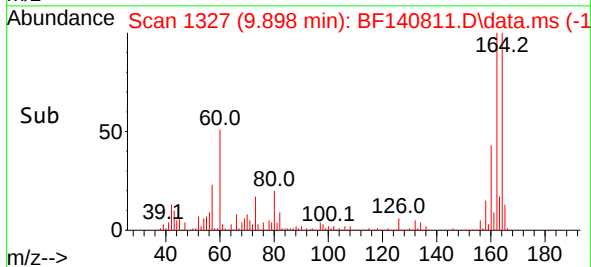
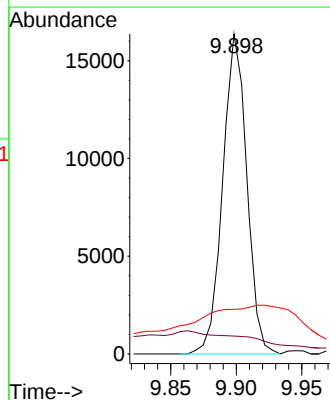
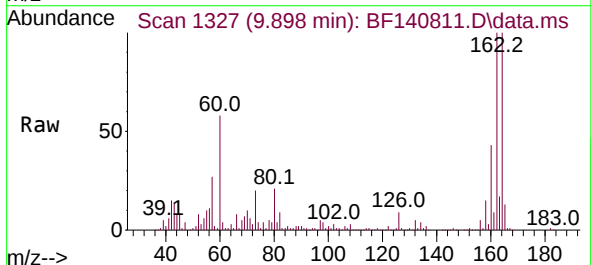
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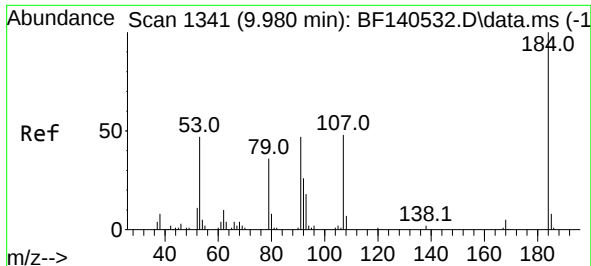
Tgt Ion:172 Resp: 1094188
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.779 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.200 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:165 Resp: 20857
Ion Ratio Lower Upper
165 100
63 5.6 49.9 74.9#
89 13.9 50.9 76.3#

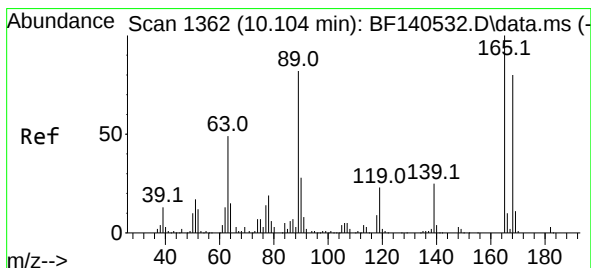
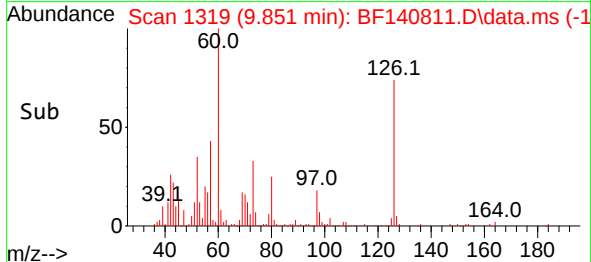
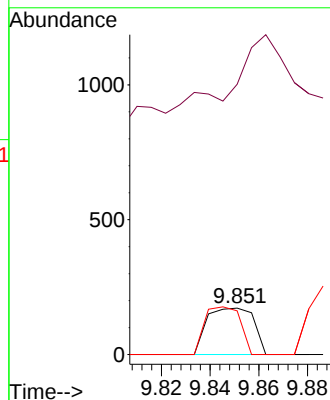
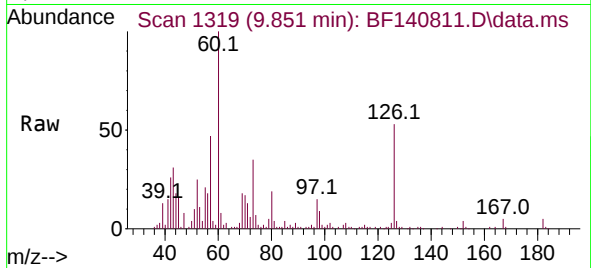




#54
2,4-Dinitrophenol
Concen: 7.990 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.129 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

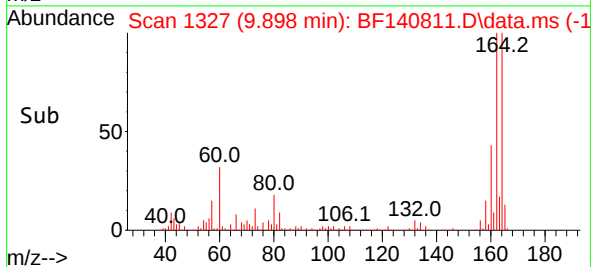
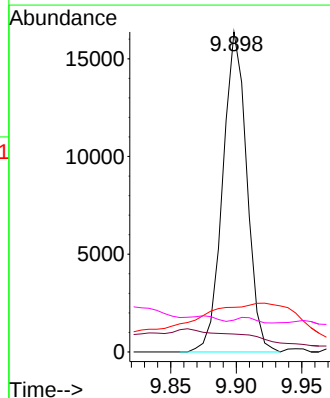
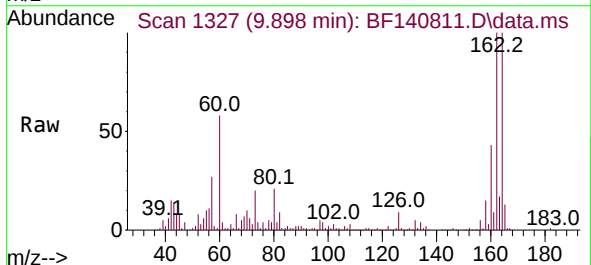
Instrument :
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MH-743

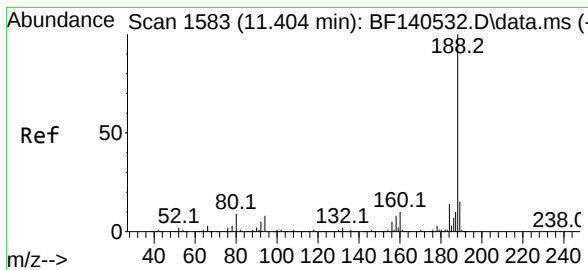
Tgt Ion:184 Resp: 228
Ion Ratio Lower Upper
184 100
63 582.6 54.1 81.1#
154 94.2 57.4 86.0#



#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:165 Resp: 20857
Ion Ratio Lower Upper
165 100
63 5.6 41.7 62.5#
89 13.9 65.8 98.8#
182 10.0 2.1 3.1#

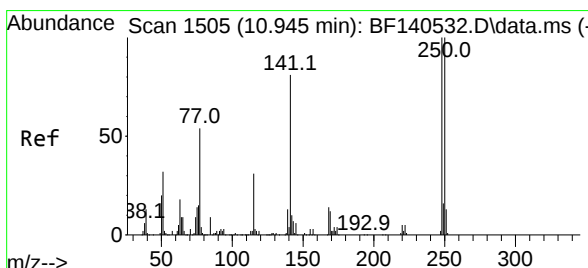
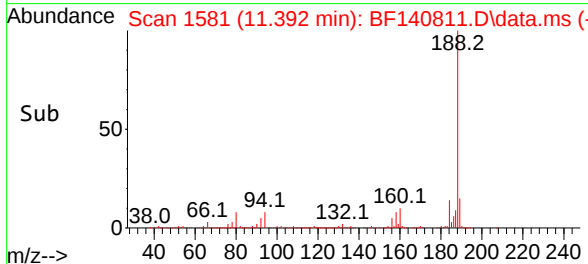
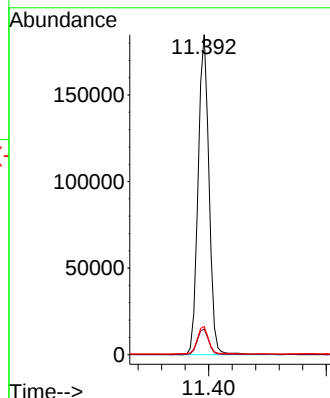
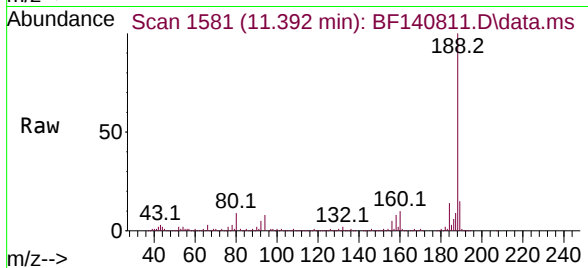




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

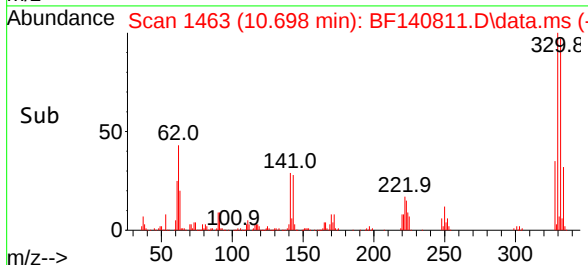
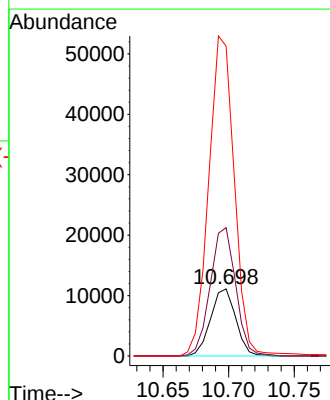
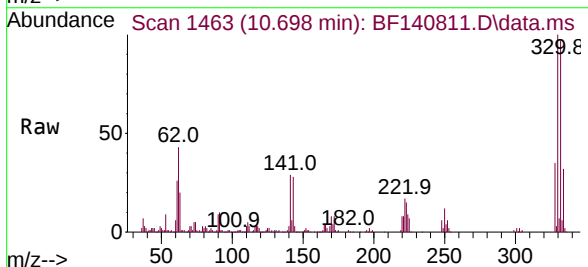
Instrument :
BNA_F
ClientSampleId :
MH-743

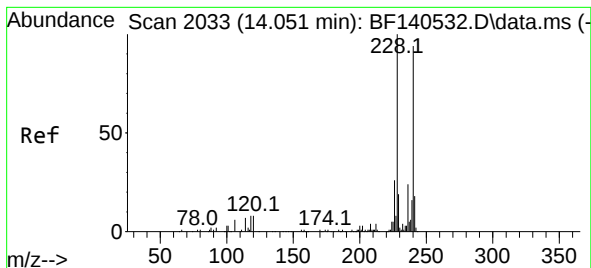
Tgt Ion:188 Resp: 236792
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.8 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 6.073 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:248 Resp: 14810
Ion Ratio Lower Upper
248 100
250 191.5 79.8 119.8#
141 462.4 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140811.D

Acq: 10 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

MH-743

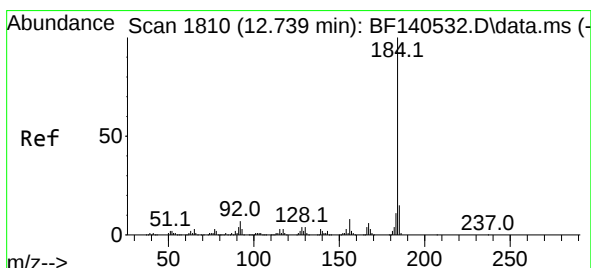
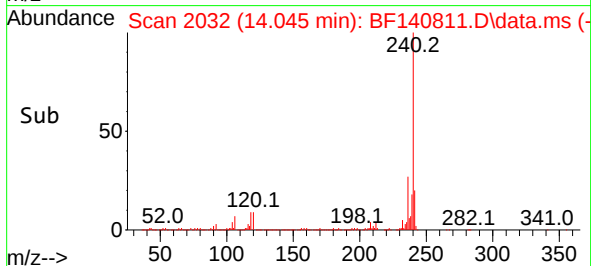
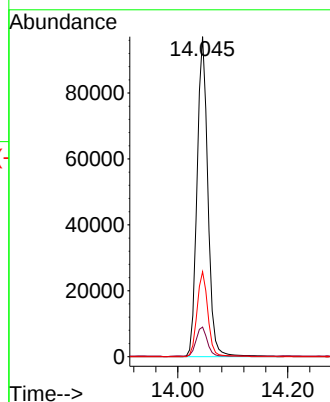
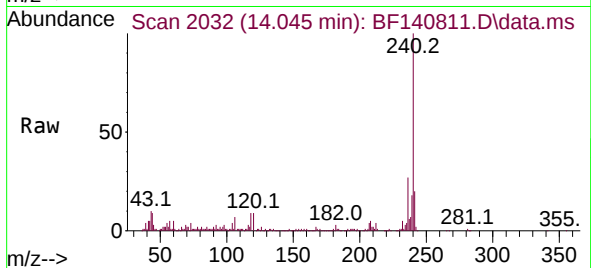
Tgt Ion:240 Resp: 132619

Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 26.6 20.6 31.0



#77

Benzidine

Concen: 3.245 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.241 min

Lab File: BF140811.D

Acq: 10 Dec 2024 17:34

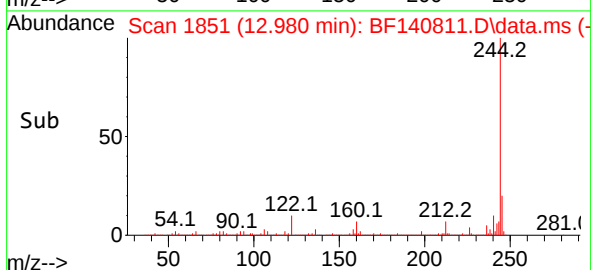
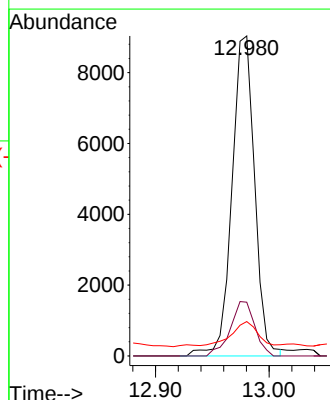
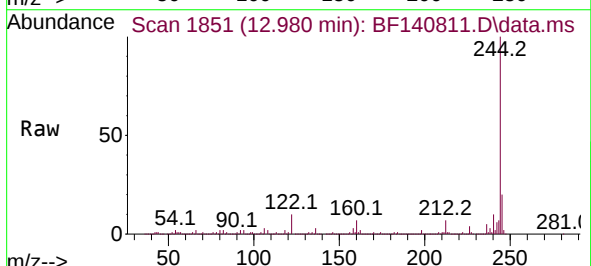
Tgt Ion:184 Resp: 12511

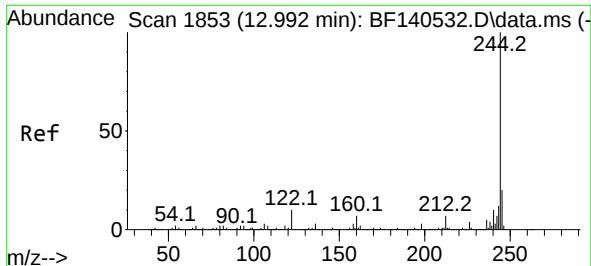
Ion Ratio Lower Upper

184 100

185 16.8 11.7 17.5

183 10.8 8.8 13.2

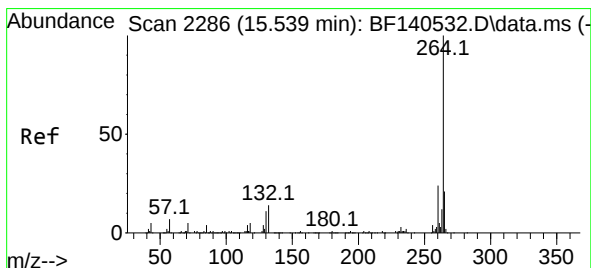
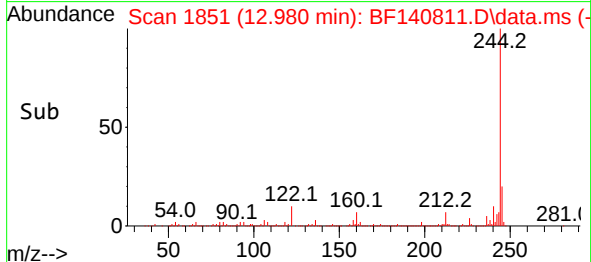
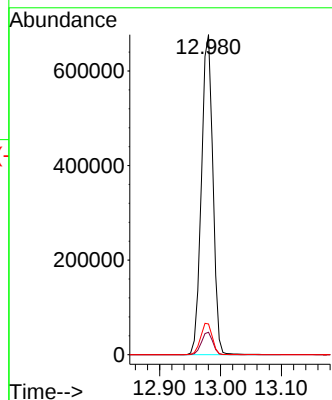
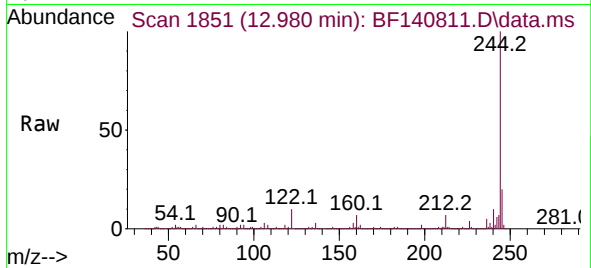




#79
Terphenyl-d14
Concen: 103.985 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Instrument :
BNA_F
ClientSampleId :
MH-743

Tgt Ion:244 Resp: 885626
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:264 Resp: 87693
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.8 16.6 25.0

