

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140711.D
 Acq On : 03 Dec 2024 15:24
 Operator : RC/JU
 Sample : P5021-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 03 15:46:10 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)

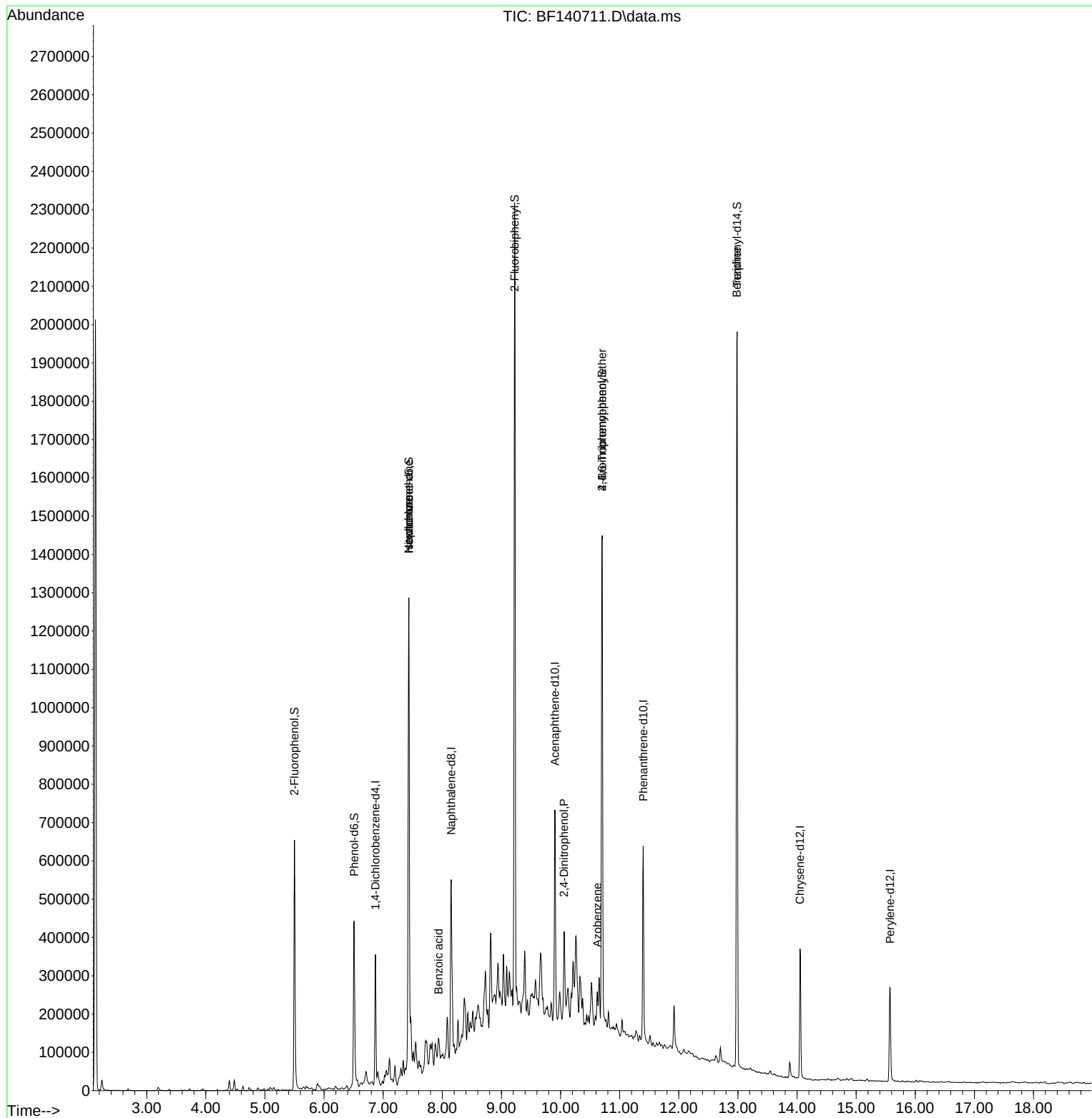
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70972	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	269570	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	149746	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	271510	20.000	ng	0.00
76) Chrysene-d12	14.051	240	165452	20.000	ng	0.00
86) Perylene-d12	15.574	264	151648	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	259314	62.341	ng	0.00
7) Phenol-d6	6.510	99	223454	40.634	ng	0.00
23) Nitrobenzene-d5	7.434	82	483909	91.821	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	230145	143.702	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	947111	94.236	ng	-0.01
79) Terphenyl-d14	12.986	244	995561	93.696	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.434	117	67053	35.261	ng	# 3
25) Isophorone	7.434	82	473411	53.857	ng	# 66
32) Benzoic acid	7.940	122	1365	7.654	ng	# 1
54) 2,4-Dinitrophenol	10.057	184	202	7.980	ng	# 1
63) Azobenzene	10.622	77	20737	2.185	ng	# 4
67) 4-Bromophenyl-phenylether	10.704	248	15547	5.560	ng	# 1
77) Benzidine	12.980	184	13989	2.908	ng	# 93

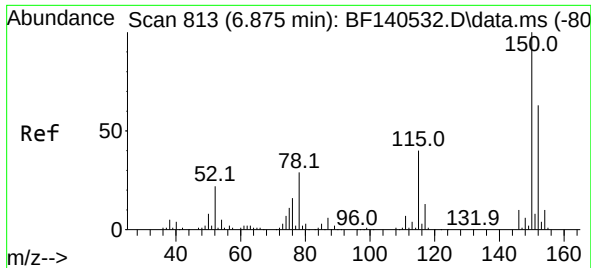
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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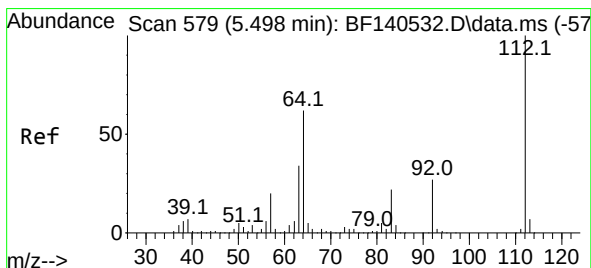
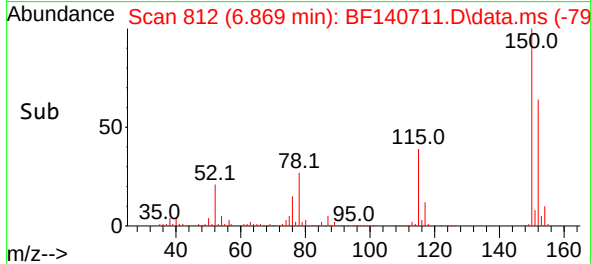
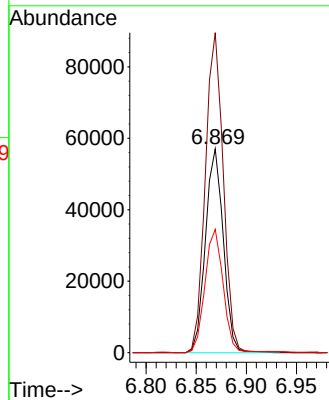
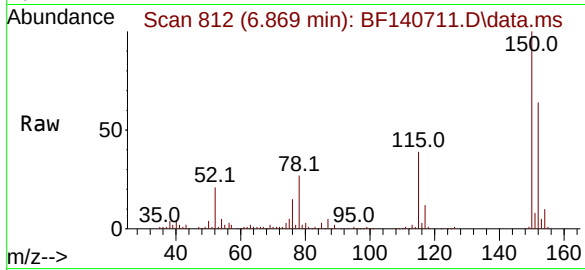




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

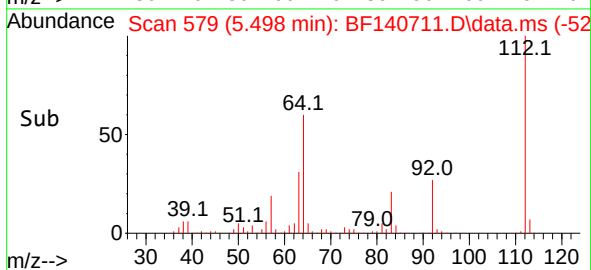
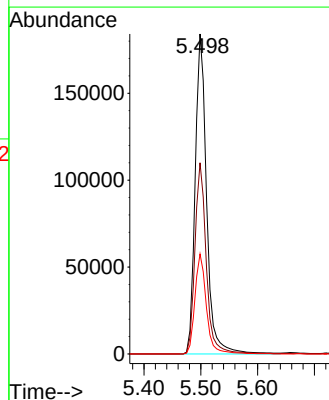
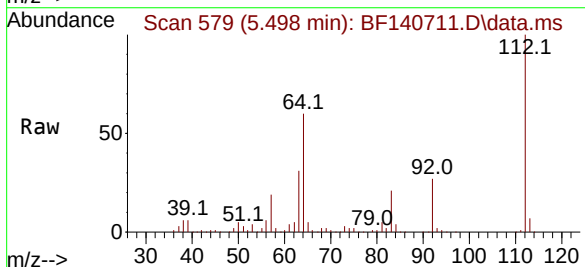
Instrument :
BNA_F
ClientSampleId :
MW-10

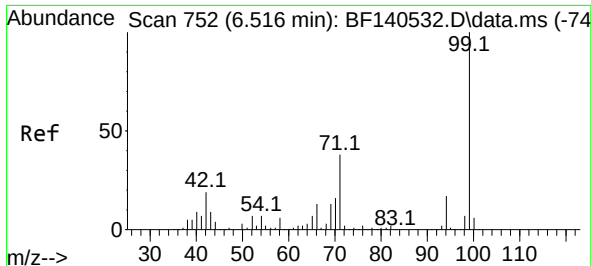
Tgt Ion:152 Resp: 70972
Ion Ratio Lower Upper
152 100
150 156.9 128.5 192.7
115 60.5 50.2 75.4



#5
2-Fluorophenol
Concen: 62.341 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

Tgt Ion:112 Resp: 259314
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.3 27.0 40.4

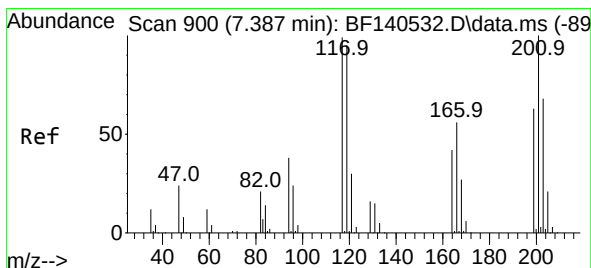
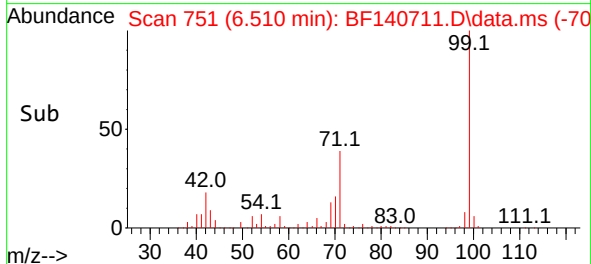
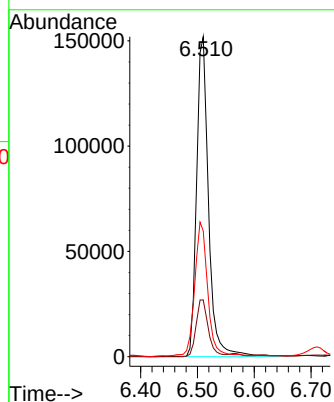
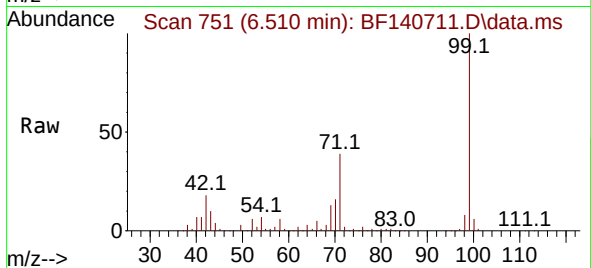




#7
Phenol-d6
Concen: 40.634 ng
RT: 6.510 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

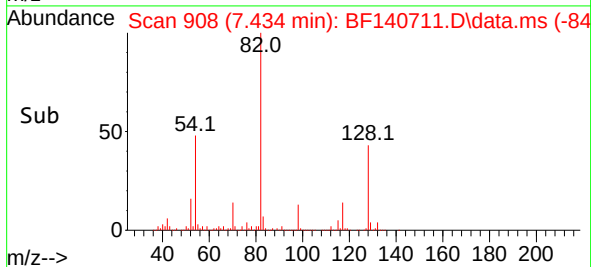
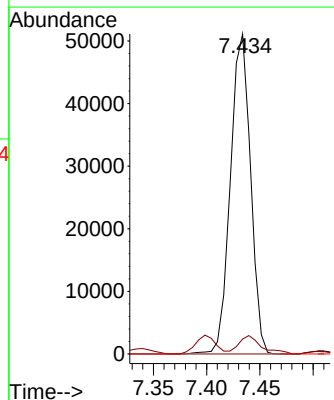
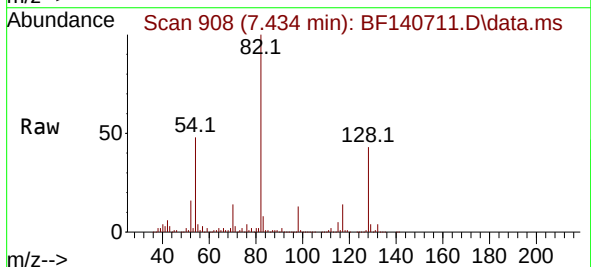
Instrument :
BNA_F
ClientSampleId :
MW-10

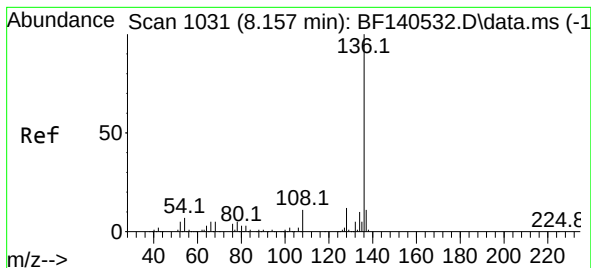
Tgt Ion: 99 Resp: 223454
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 39.3 30.6 46.0



#18
Hexachloroethane
Concen: 35.261 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.047 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

Tgt Ion: 117 Resp: 67053
Ion Ratio Lower Upper
117 100
119 4.6 77.1 115.7#
201 0.0 81.1 121.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140711.D

Acq: 03 Dec 2024 15:24

Instrument :

BNA_F

ClientSampleId :

MW-10

Tgt Ion:136 Resp: 269570

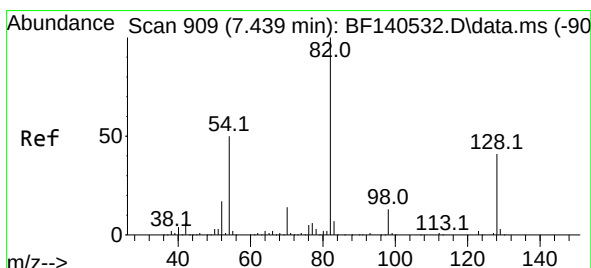
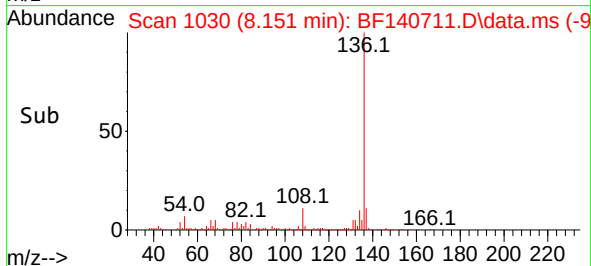
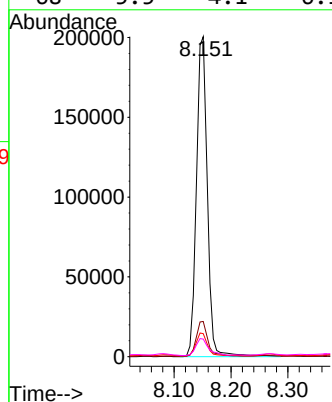
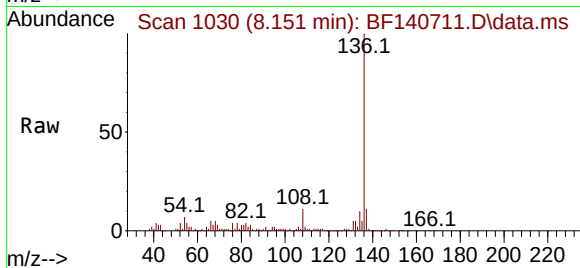
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.2 5.8 8.8

68 5.5 4.1 6.1



#23

Nitrobenzene-d5

Concen: 91.821 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140711.D

Acq: 03 Dec 2024 15:24

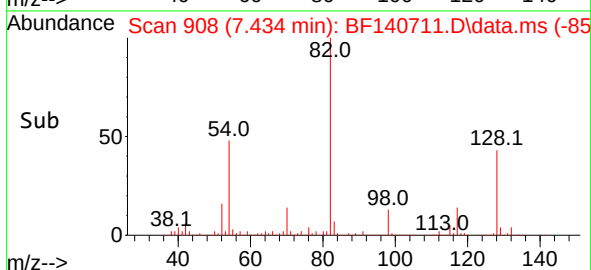
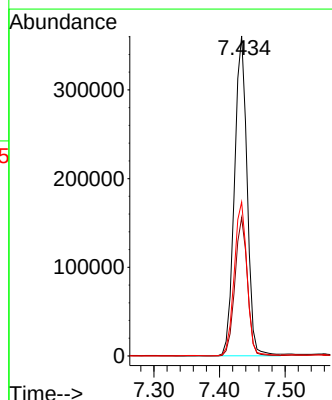
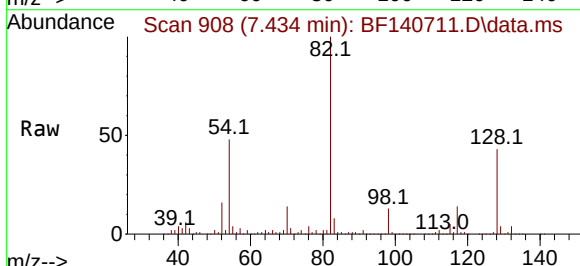
Tgt Ion: 82 Resp: 483909

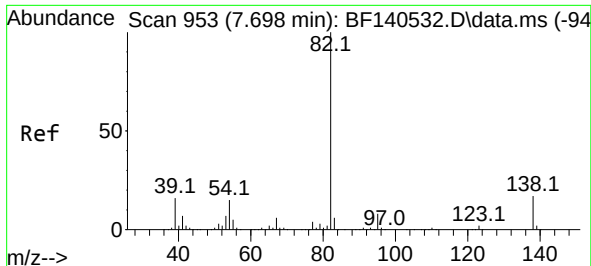
Ion Ratio Lower Upper

82 100

128 43.2 33.0 49.4

54 48.1 39.5 59.3





#25

Isophorone

Concen: 53.857 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF140711.D

Acq: 03 Dec 2024 15:24

Instrument :

BNA_F

ClientSampleId :

MW-10

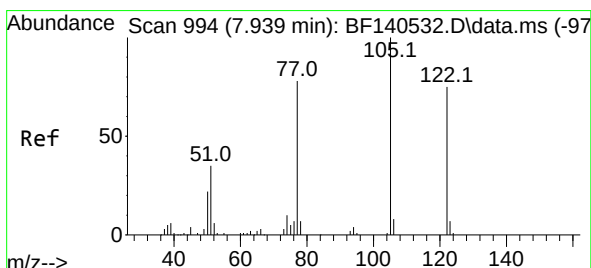
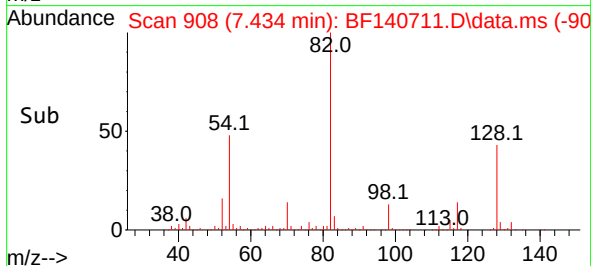
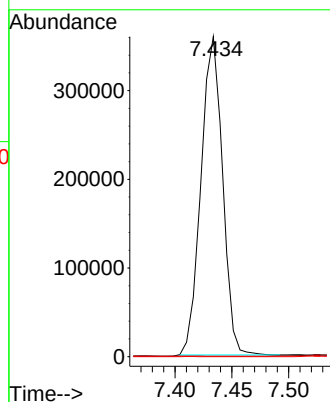
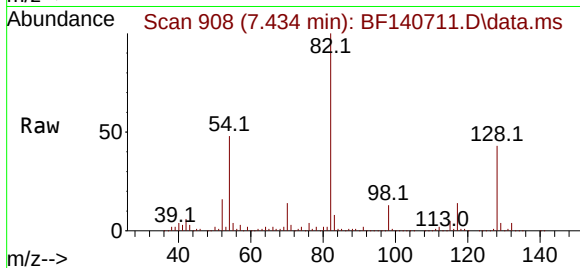
Tgt Ion: 82 Resp: 473411

Ion Ratio Lower Upper

82 100

95 0.2 6.4 9.6#

138 0.0 13.8 20.6#



#32

Benzoic acid

Concen: 7.654 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.001 min

Lab File: BF140711.D

Acq: 03 Dec 2024 15:24

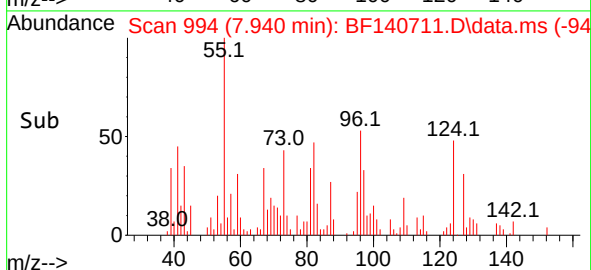
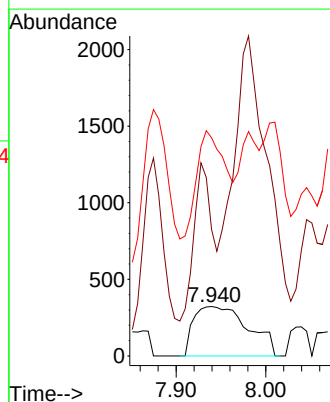
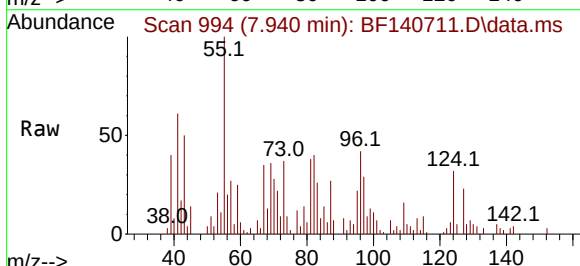
Tgt Ion:122 Resp: 1365

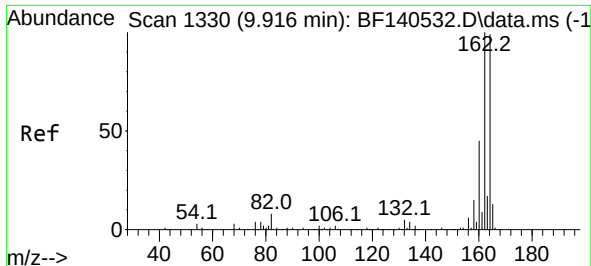
Ion Ratio Lower Upper

122 100

105 256.5 109.3 149.3#

77 442.5 82.3 122.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140711.D

Acq: 03 Dec 2024 15:24

Instrument :

BNA_F

ClientSampleId :

MW-10

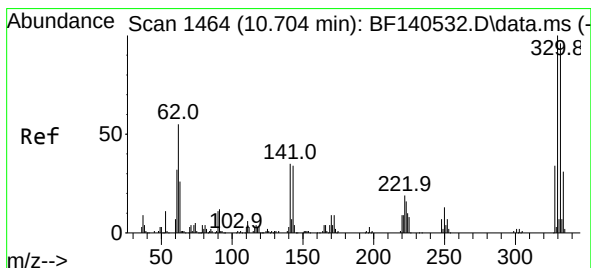
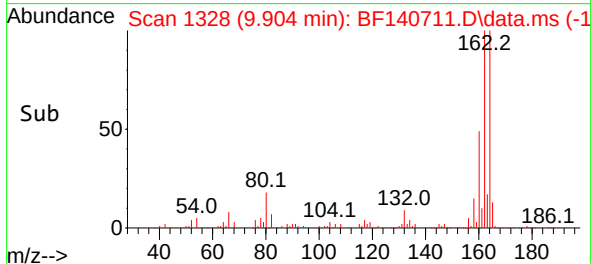
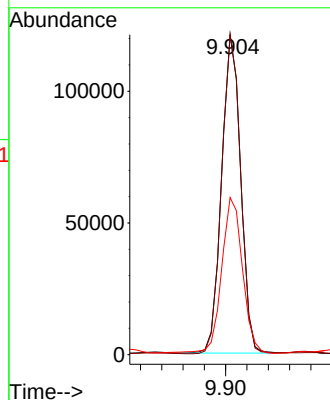
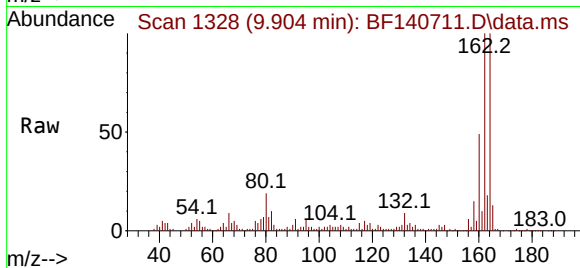
Tgt Ion:164 Resp: 149746

Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

160 49.1 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 143.702 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140711.D

Acq: 03 Dec 2024 15:24

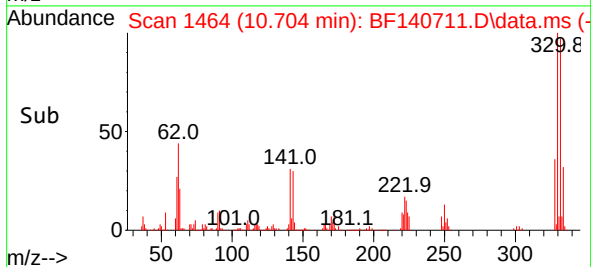
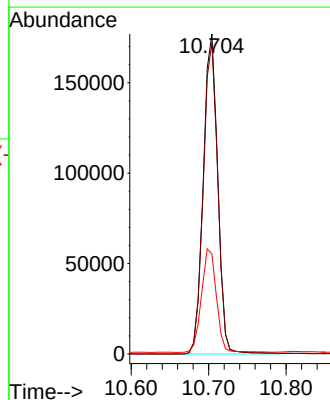
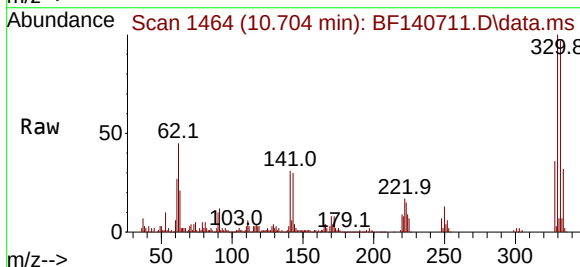
Tgt Ion:330 Resp: 230145

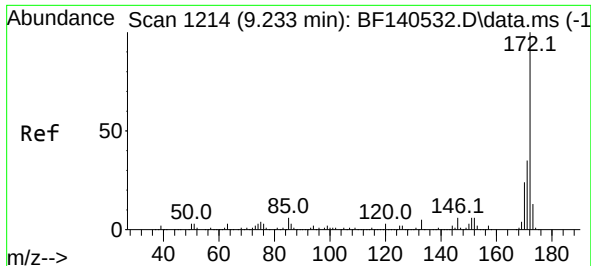
Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

141 33.3 26.7 40.1

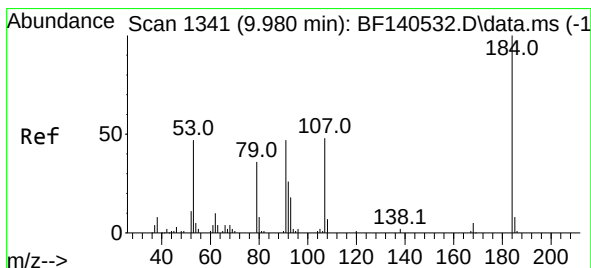
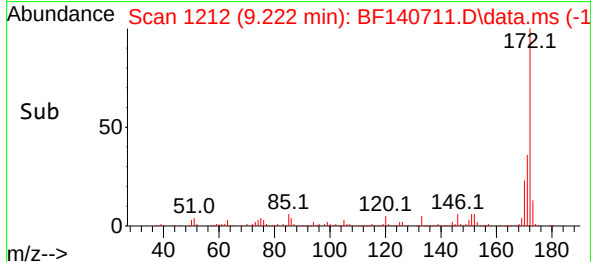
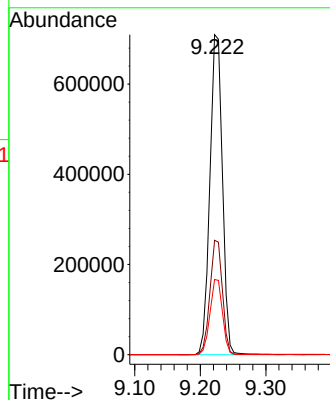
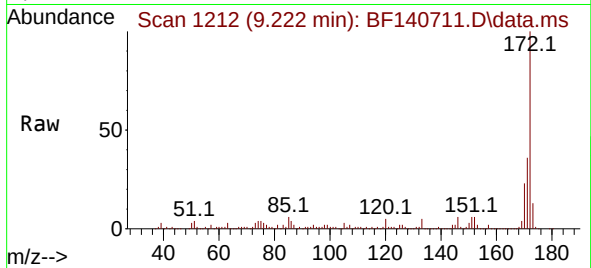




#45
2-Fluorobiphenyl
Concen: 94.236 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

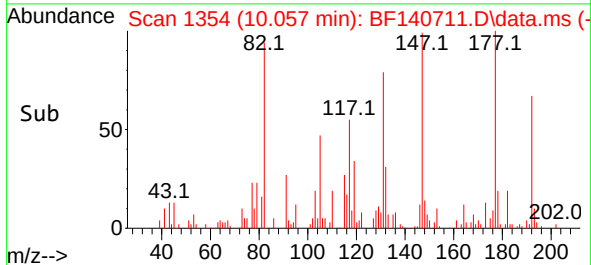
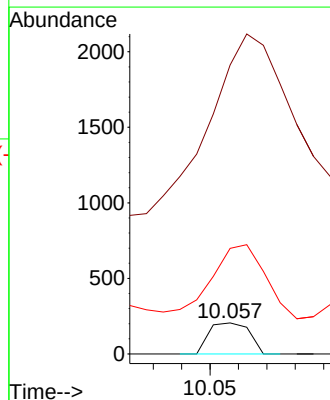
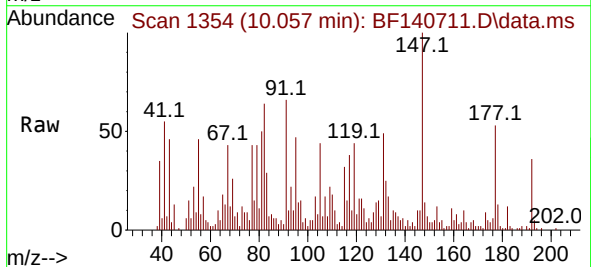
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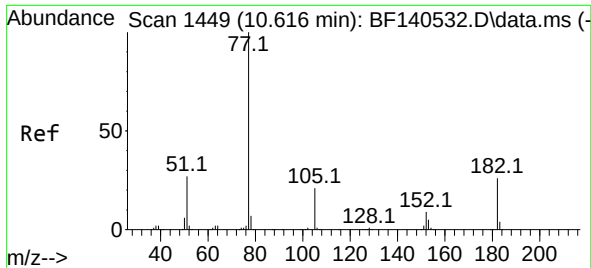
Tgt Ion:172 Resp: 947111
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.5 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 7.980 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.077 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

Tgt Ion:184 Resp: 202
Ion Ratio Lower Upper
184 100
63 933.2 54.1 81.1#
154 341.0 57.4 86.0#

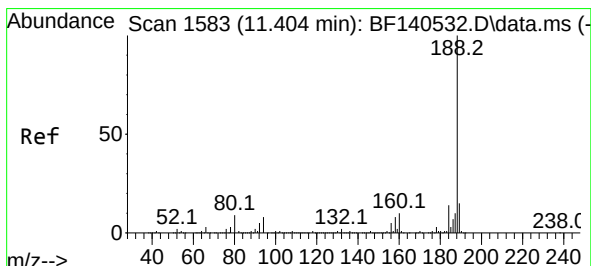
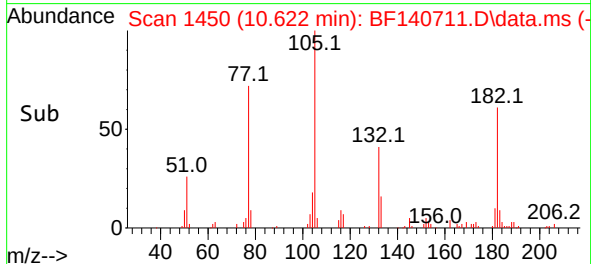
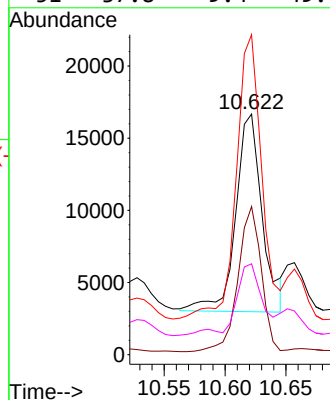
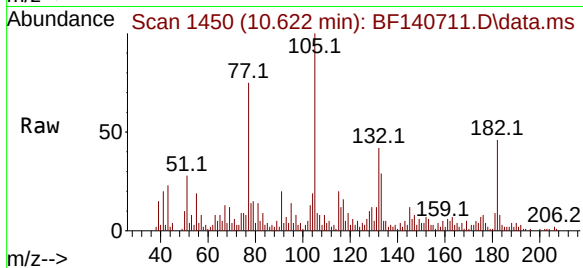




#63
Azobenzene
Concen: 2.185 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

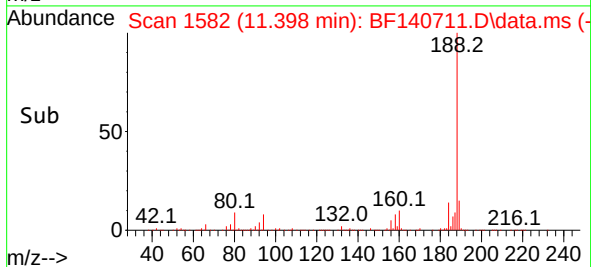
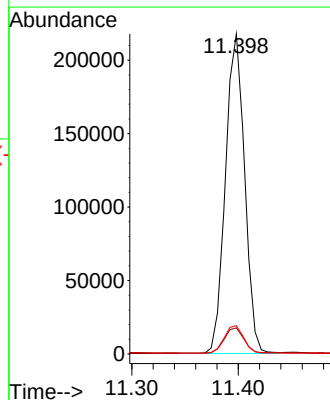
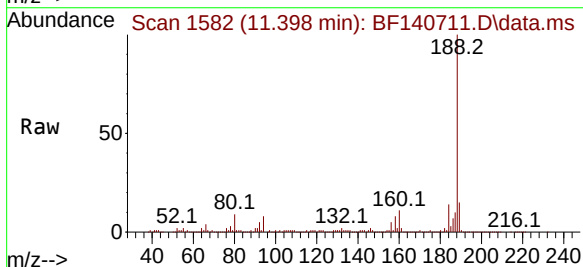
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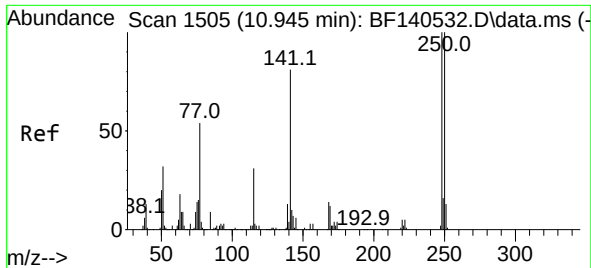
Tgt Ion: 77	Resp: 20737
Ion Ratio	Lower Upper
77 100	
182 61.6	5.3 45.3#
105 132.9	0.3 40.3#
51 37.8	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

Tgt Ion: 188	Resp: 271510
Ion Ratio	Lower Upper
188 100	
94 8.1	6.4 9.6
80 8.8	6.9 10.3

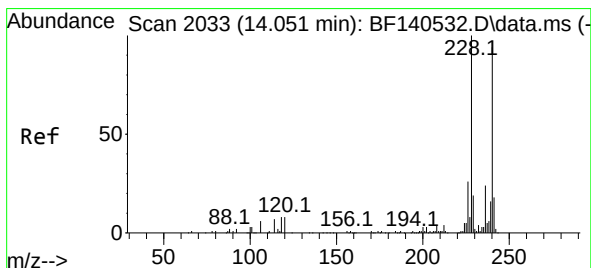
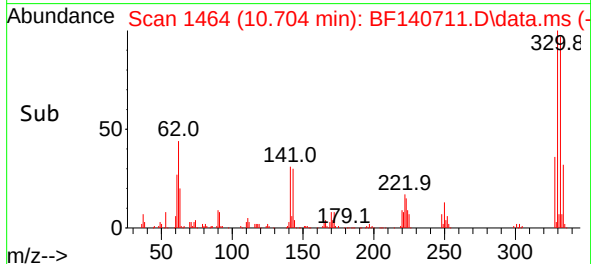
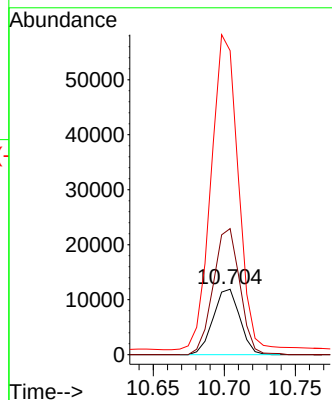
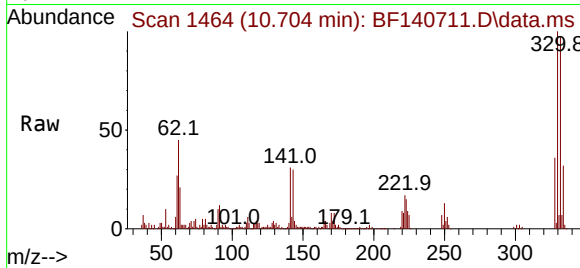




#67
4-Bromophenyl-phenylether
Concen: 5.560 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

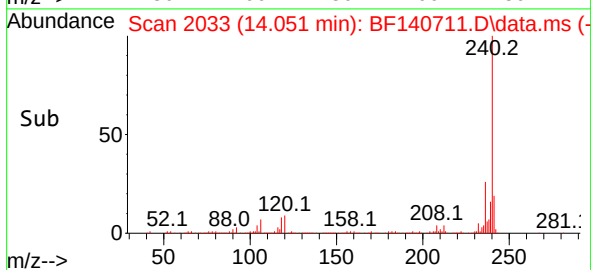
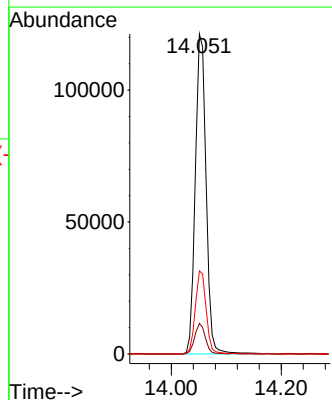
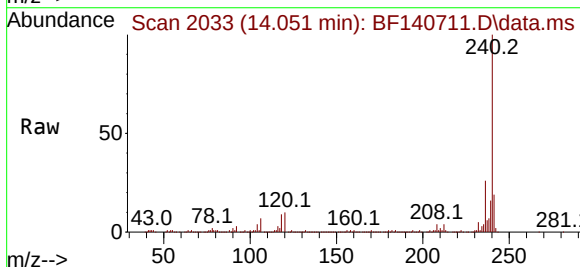
Instrument :
BNA_F
ClientSampleId :
MW-10

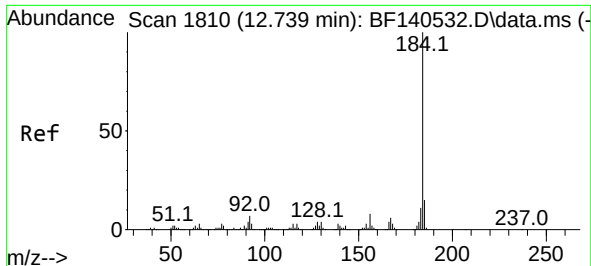
Tgt Ion:248 Resp: 15547
Ion Ratio Lower Upper
248 100
250 192.5 79.8 119.8#
141 464.3 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

Tgt Ion:240 Resp: 165452
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.9 20.6 31.0

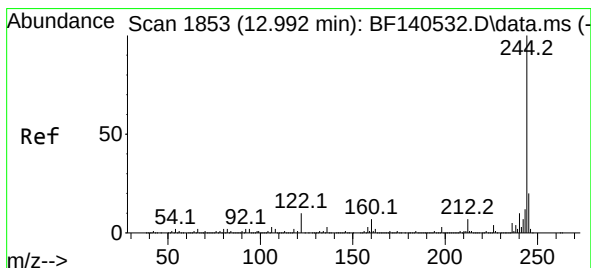
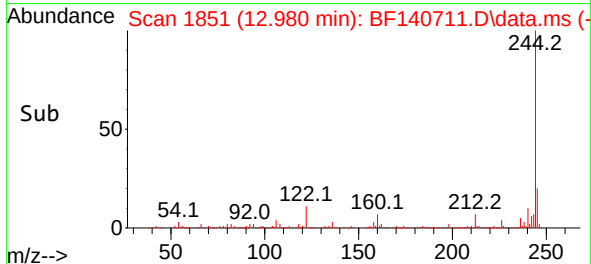
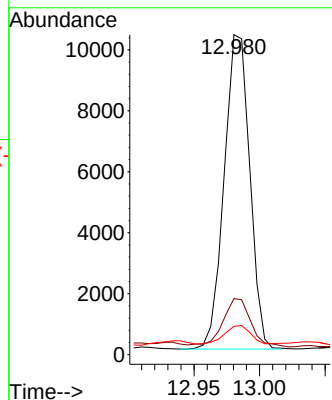
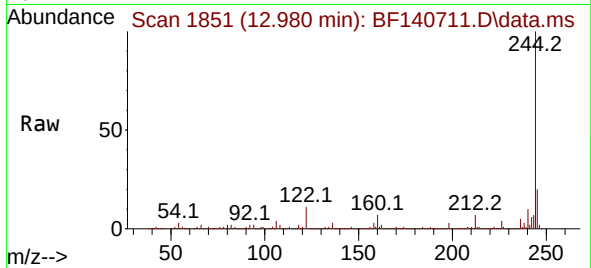




#77
Benzidine
Concen: 2.908 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

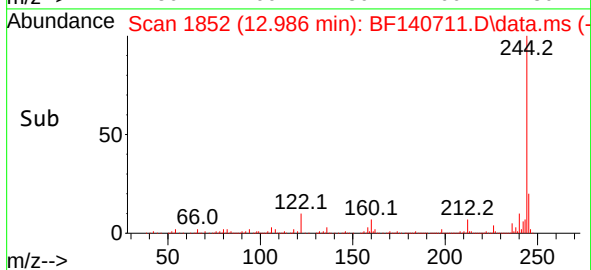
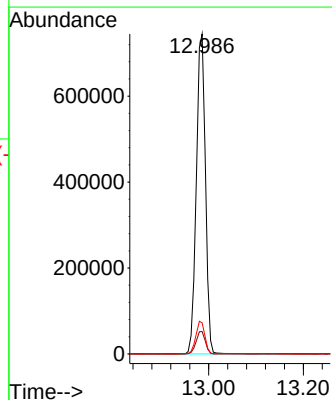
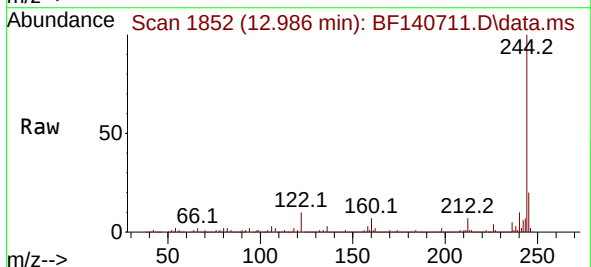
Instrument :
BNA_F
ClientSampleId :
MW-10

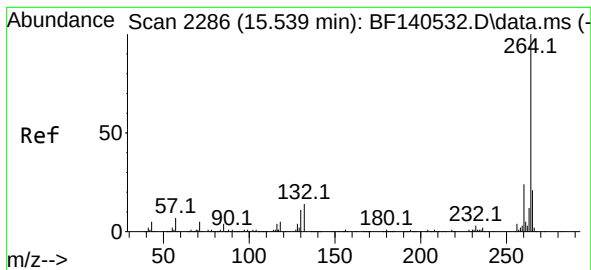
Tgt Ion:184 Resp: 13989
Ion Ratio Lower Upper
184 100
185 17.6 11.7 17.5#
183 8.8 8.8 13.2



#79
Terphenyl-d14
Concen: 93.696 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140711.D
Acq: 03 Dec 2024 15:24

Tgt Ion:244 Resp: 995561
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.7 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF140711.D
 Acq: 03 Dec 2024 15:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:264 Resp: 151648
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.3 16.6 25.0

