

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140587.D
 Acq On : 22 Nov 2024 19:27
 Operator : RC/JU
 Sample : P4938-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-734

Quant Time: Nov 22 22:17:32 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)

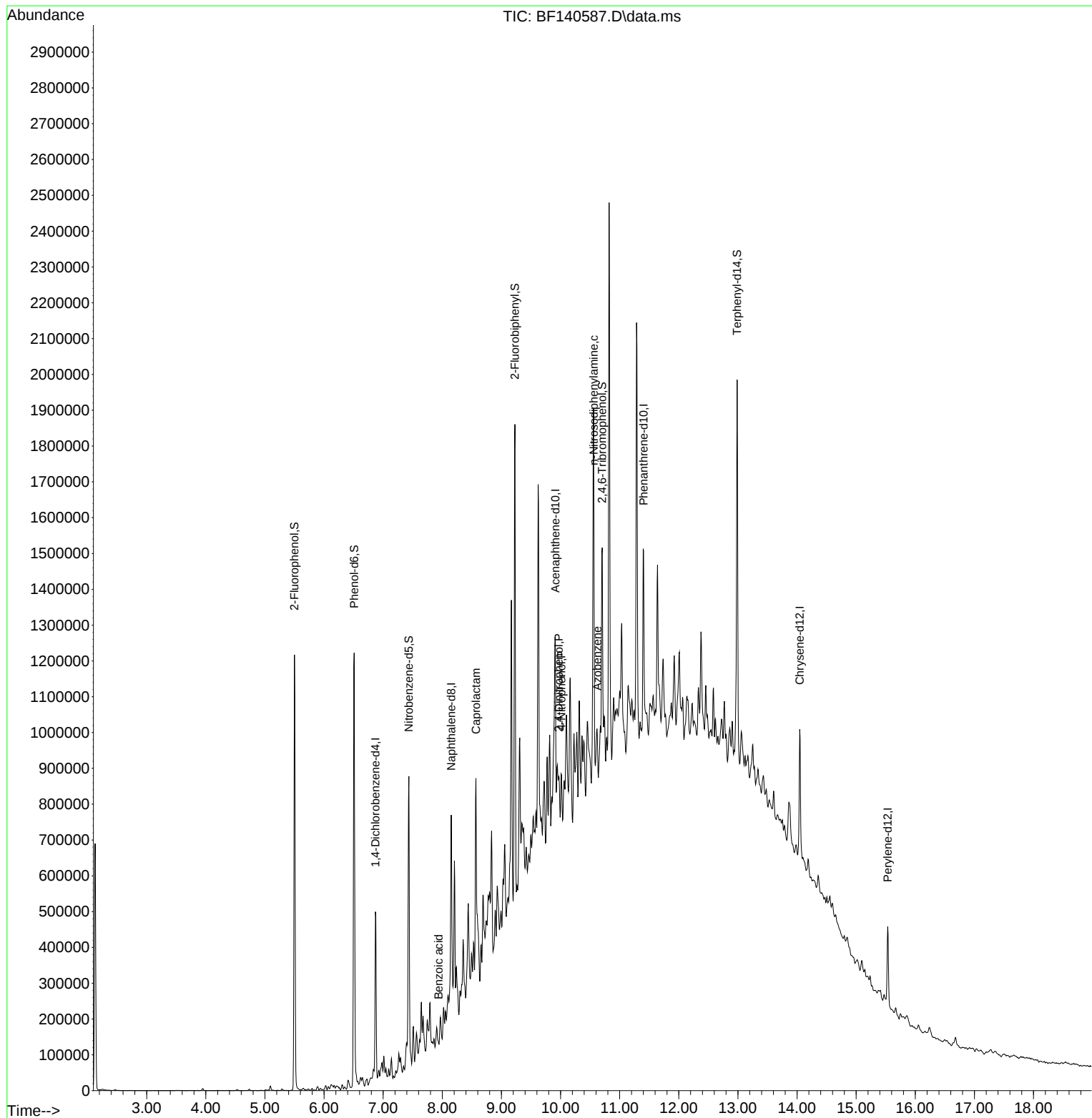
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88108	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	302057	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	132193	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	215904	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	155758	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	125827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	459147	88.914	ng	0.00
7) Phenol-d6	6.510	99	583390	85.455	ng	0.00
23) Nitrobenzene-d5	7.434	82	368278	62.364	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	110556	78.197	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	606632	68.373	ng	0.00
79) Terphenyl-d14	12.986	244	524490	52.434	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.940	122	1440	7.627	ng	# 7
35) Caprolactam	8.569	113	17892	13.483	ng	# 8
54) 2,4-Dinitrophenol	9.969	184	228	8.024	ng	# 1
56) 4-Nitrophenol	10.016	139	2721	2.066	ng	# 1
63) Azobenzene	10.622	77	22532	2.690	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	41601	6.516	ng	# 50

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

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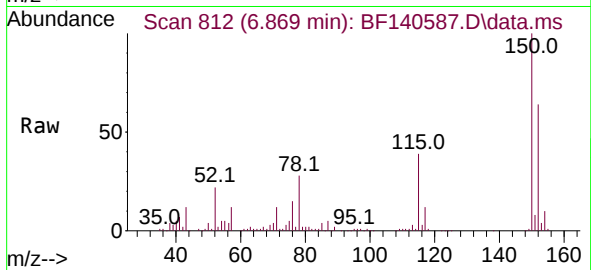
Quant Time: Nov 22 22:17:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



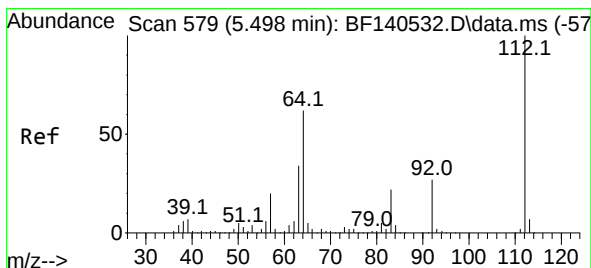
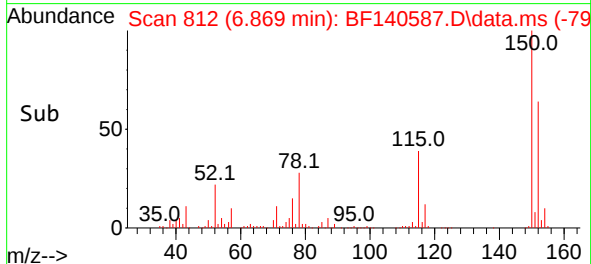
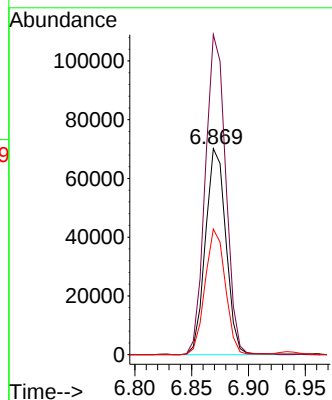


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

Instrument :
BNA_F
ClientSampleId :
MH-734

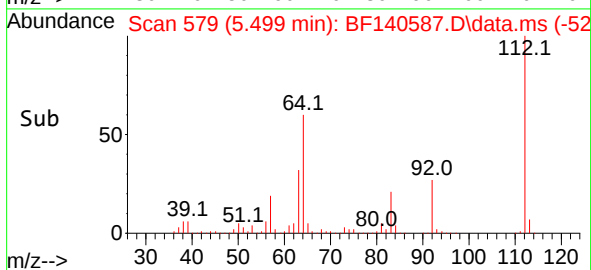
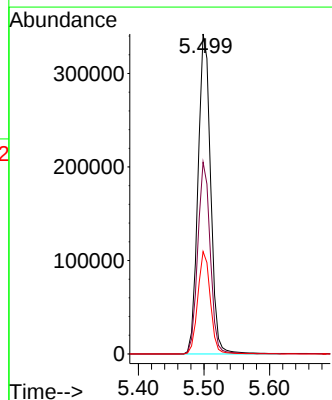
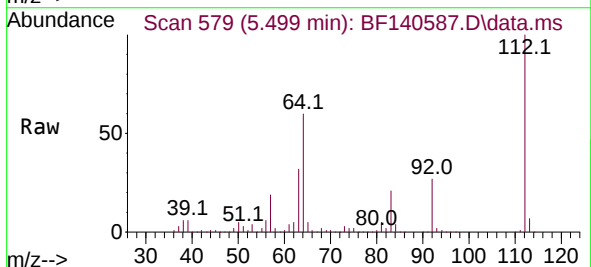


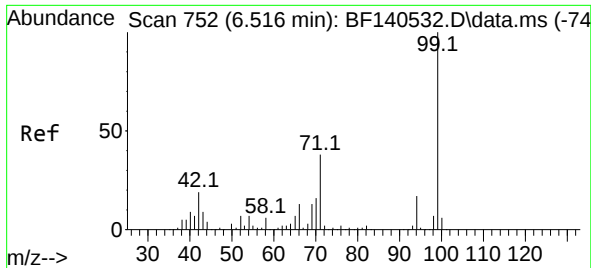
Tgt Ion:152 Resp: 88108
Ion Ratio Lower Upper
152 100
150 155.3 128.5 192.7
115 61.0 50.2 75.4



#5
2-Fluorophenol
Concen: 88.914 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

Tgt Ion:112 Resp: 459147
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.0 27.0 40.4

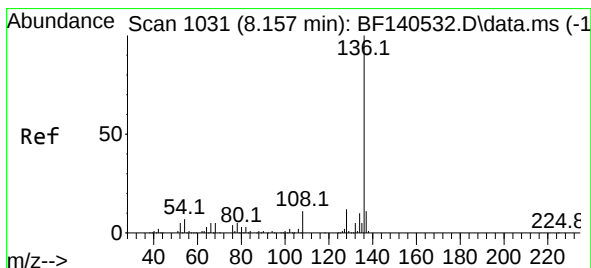
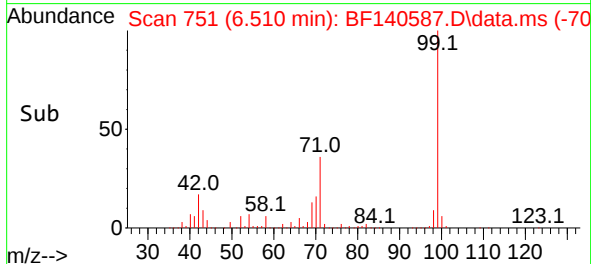
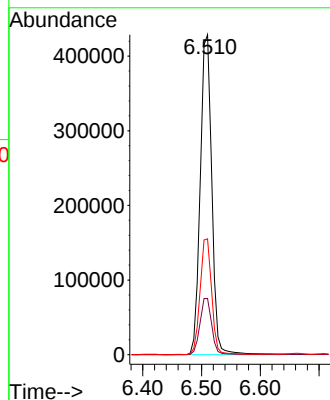
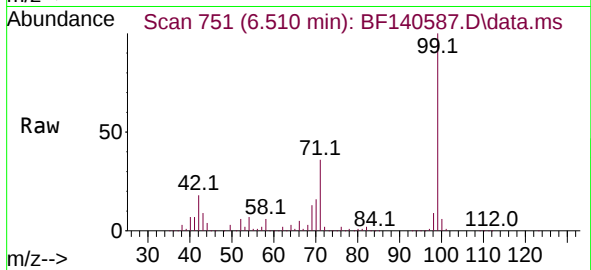




#7
Phenol-d6
Concen: 85.455 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

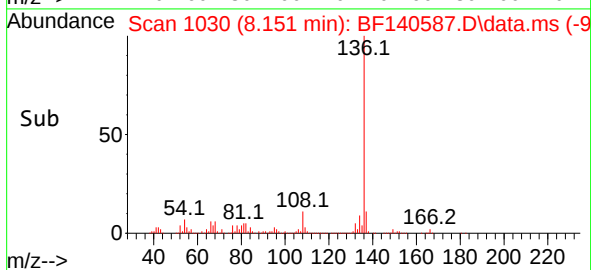
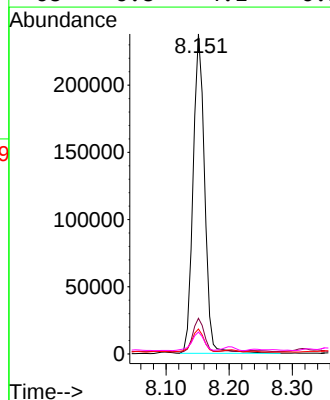
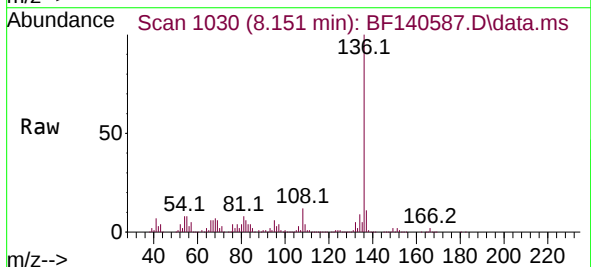
Instrument :
BNA_F
ClientSampleId :
MH-734

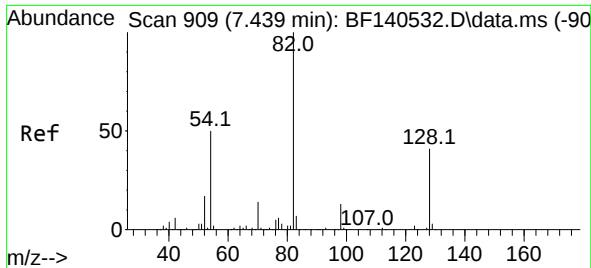
Tgt Ion: 99 Resp: 583390
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

Tgt Ion: 136 Resp: 302057
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.8 5.8 8.8
68 6.8 4.1 6.1#

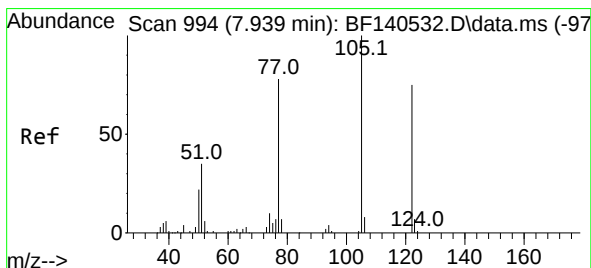
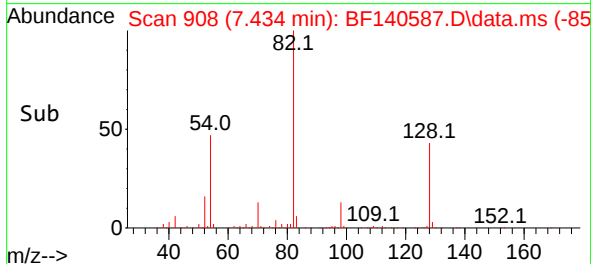
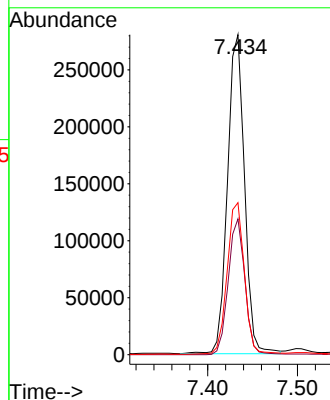
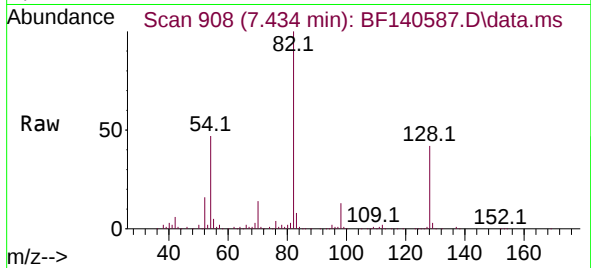




#23
Nitrobenzene-d5
Concen: 62.364 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

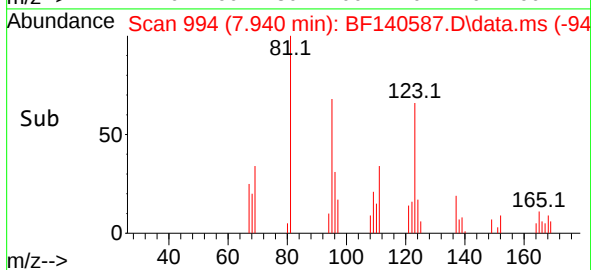
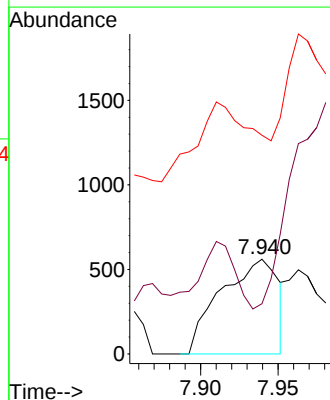
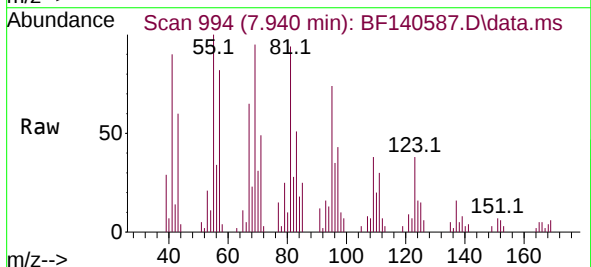
Instrument :
BNA_F
ClientSampleId :
MH-734

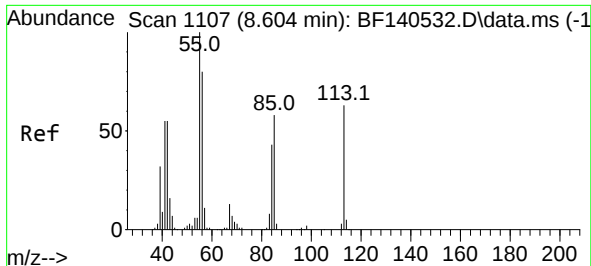
Tgt Ion: 82 Resp: 368278
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 47.5 39.5 59.3



#32
Benzoic acid
Concen: 7.627 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

Tgt Ion:122 Resp: 1440
Ion Ratio Lower Upper
122 100
105 53.0 109.3 149.3#
77 231.1 82.3 122.3#

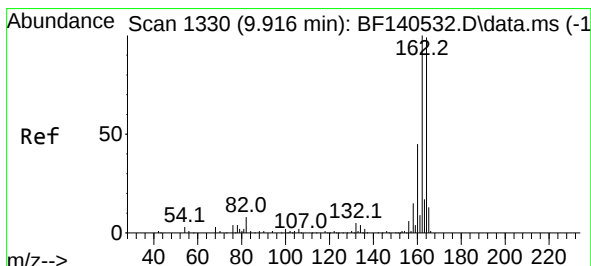
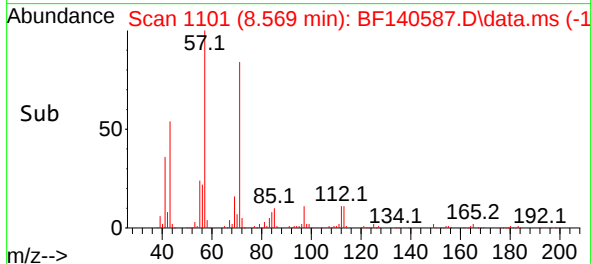
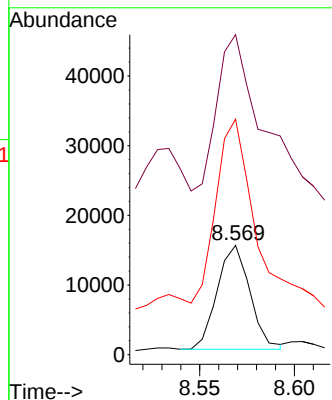
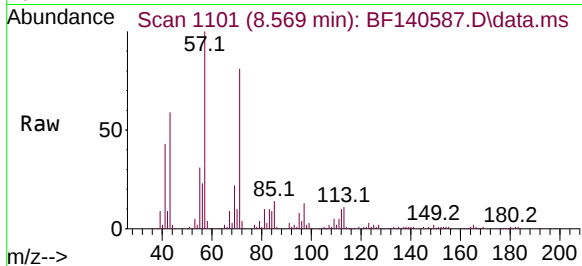




#35
 Caprolactam
 Concen: 13.483 ng
 RT: 8.569 min Scan# 1107
 Delta R.T. -0.035 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

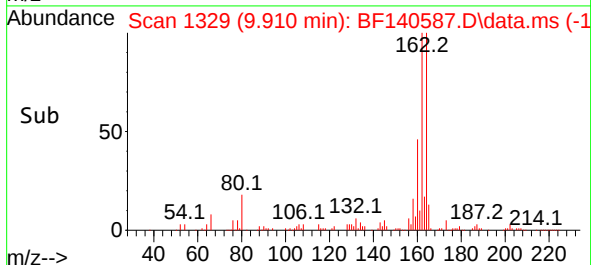
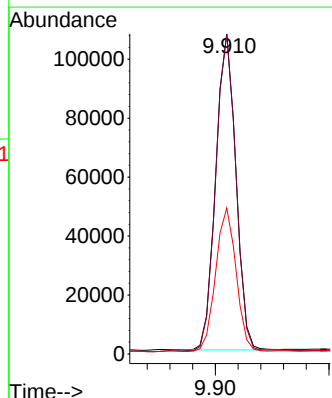
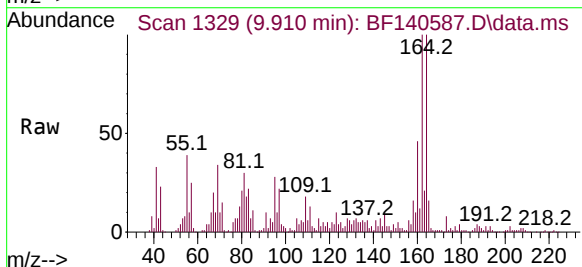
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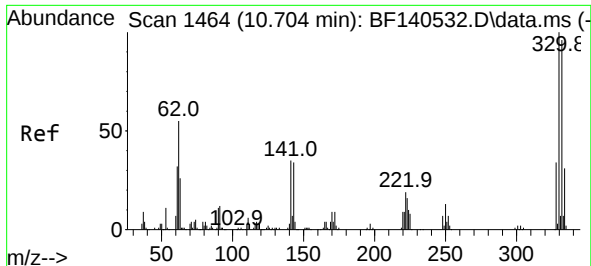
Tgt Ion:113 Resp: 17892
 Ion Ratio Lower Upper
 113 100
 55 292.8 137.7 177.7#
 56 215.5 106.4 146.4#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Tgt Ion:164 Resp: 132193
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.6 120.8
 160 45.7 36.2 54.4

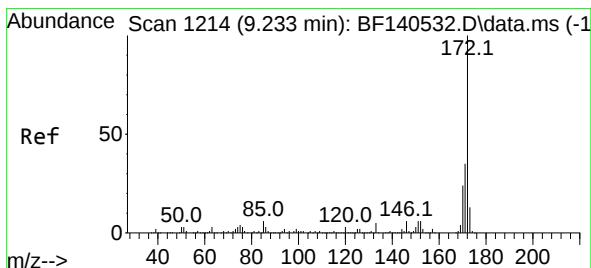
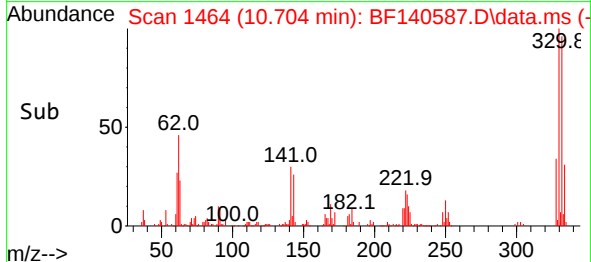
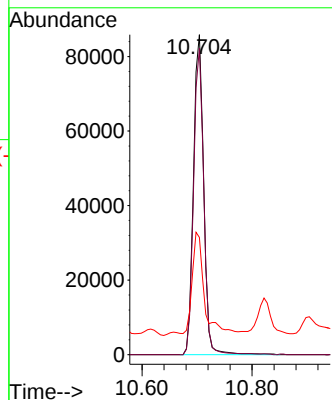
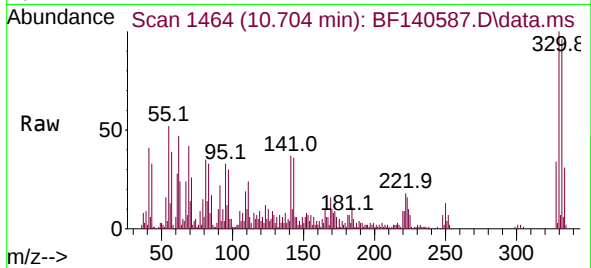




#42
 2,4,6-Tribromophenol
 Concen: 78.197 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

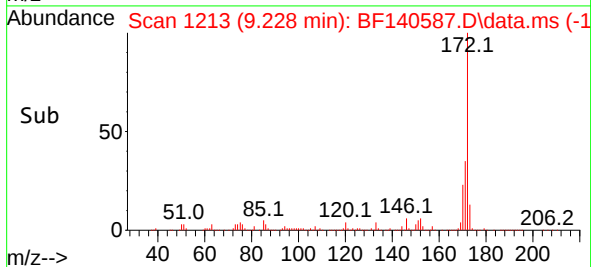
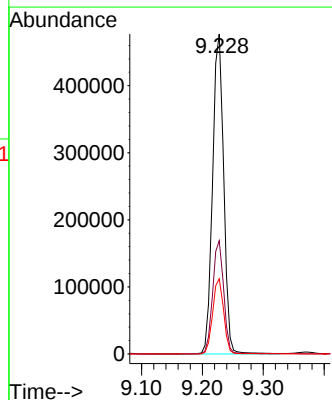
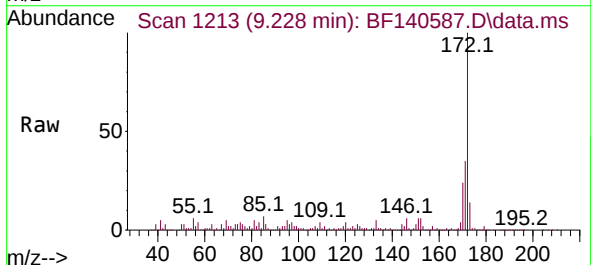
Instrument :
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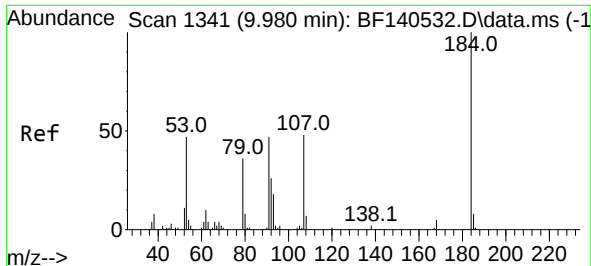
Tgt Ion:330 Resp: 110556
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.9 115.3
 141 36.0 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 68.373 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Tgt Ion:172 Resp: 606632
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.5 19.0 28.6

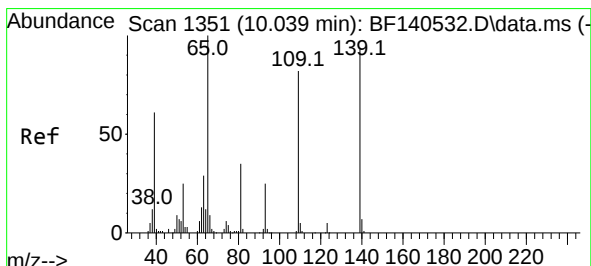
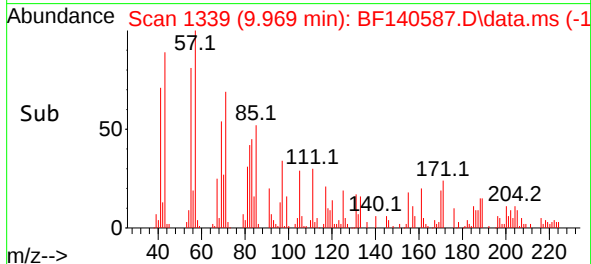
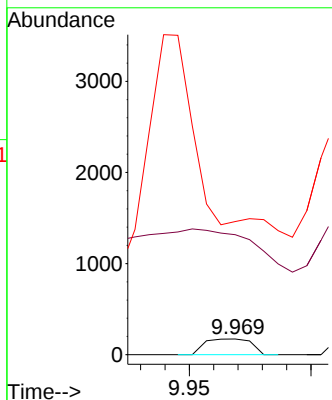
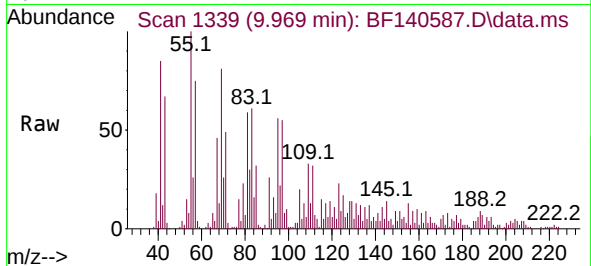




#54
2,4-Dinitrophenol
Concen: 8.024 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

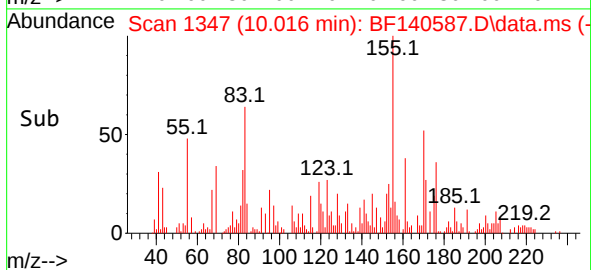
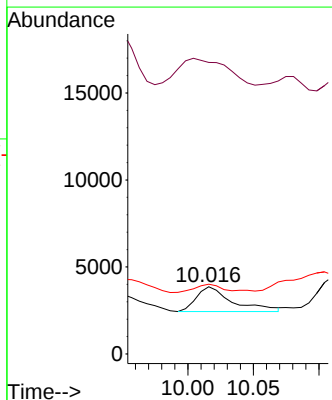
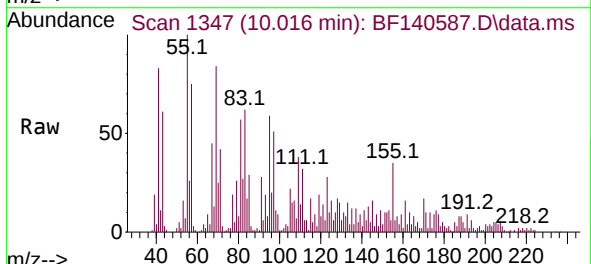
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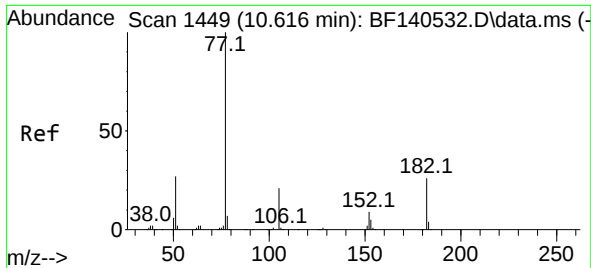
Tgt Ion:184 Resp: 228
Ion Ratio Lower Upper
184 100
63 766.3 54.1 81.1#
154 849.4 57.4 86.0#



#56
4-Nitrophenol
Concen: 2.066 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.023 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

Tgt Ion:139 Resp: 2721
Ion Ratio Lower Upper
139 100
109 433.4 68.4 108.4#
65 103.8 88.6 128.6

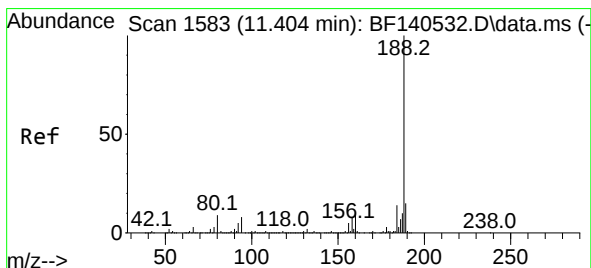
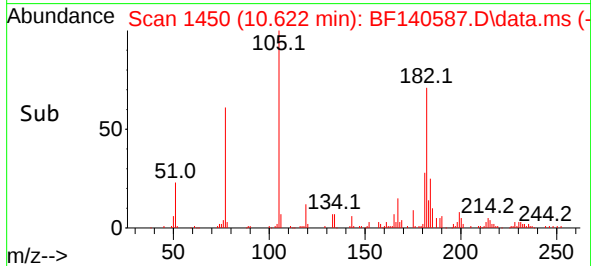
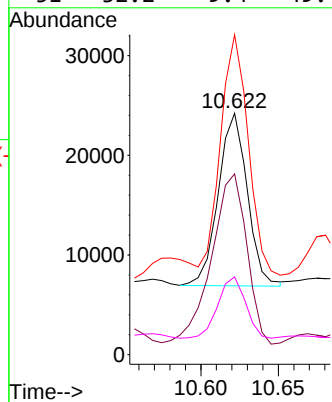
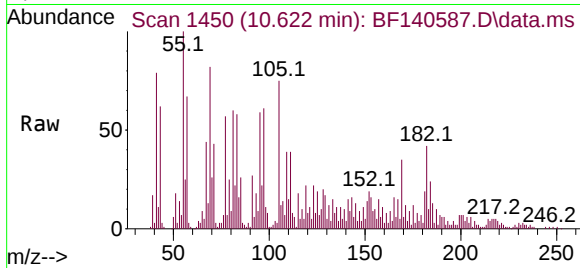




#63
Azobenzene
Concen: 2.690 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

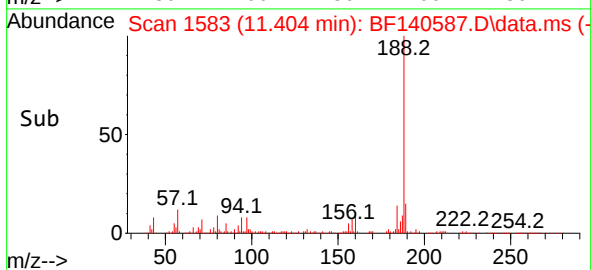
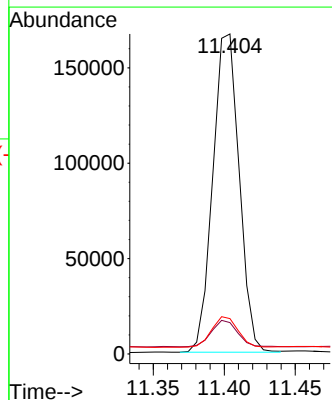
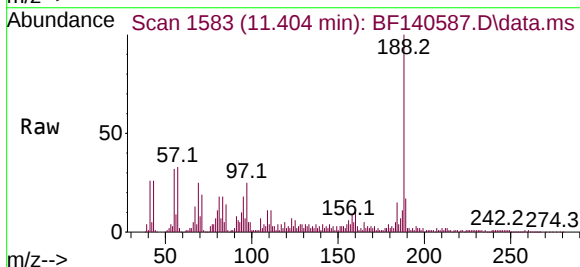
Instrument :
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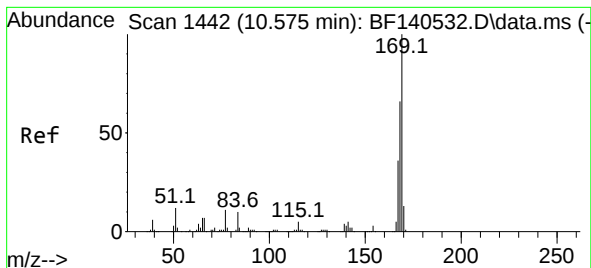
Tgt Ion: 77	Resp: 22532
Ion Ratio	Lower Upper
77 100	
182 74.9	5.3 45.3#
105 132.6	0.3 40.3#
51 32.2	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

Tgt Ion:188	Resp: 215904
Ion Ratio	Lower Upper
188 100	
94 9.8	6.4 9.6#
80 11.1	6.9 10.3#

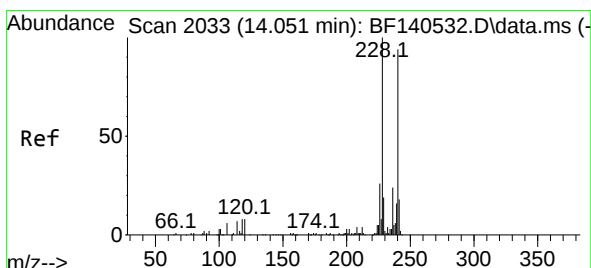
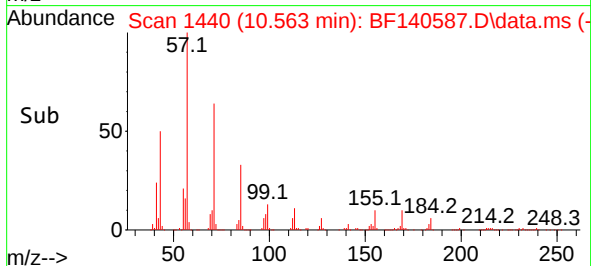
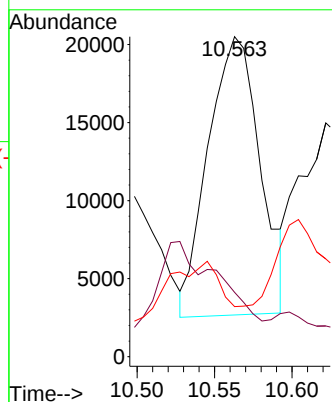
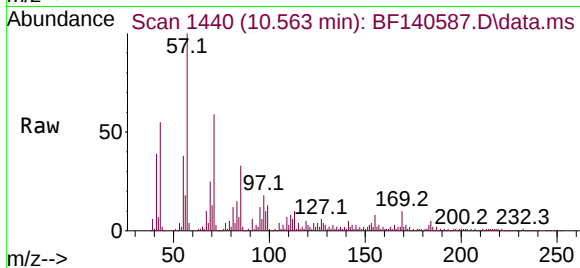




#66
n-Nitrosodiphenylamine
Concen: 6.516 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

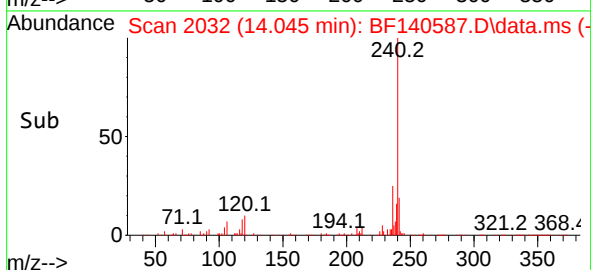
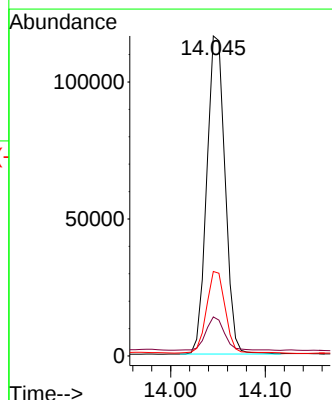
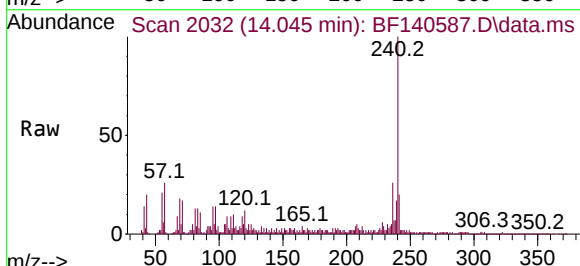
Instrument :
BNA_F
ClientSampleId :
MH-734

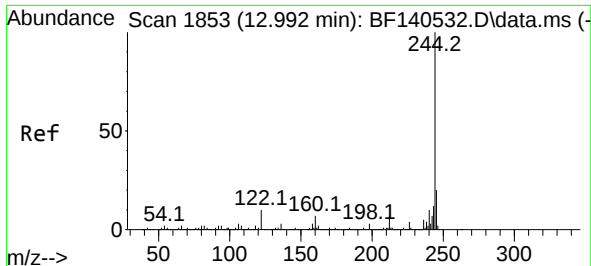
Tgt Ion:169 Resp: 41601
Ion Ratio Lower Upper
169 100
168 20.1 53.2 79.8#
167 15.6 29.0 43.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140587.D
Acq: 22 Nov 2024 19:27

Tgt Ion:240 Resp: 155758
Ion Ratio Lower Upper
240 100
120 12.2 7.3 10.9#
236 26.4 20.6 31.0

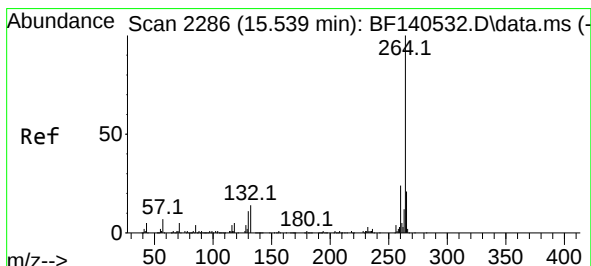
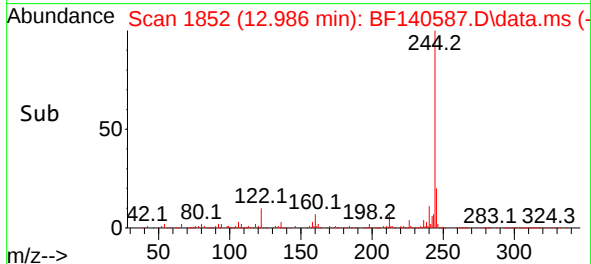
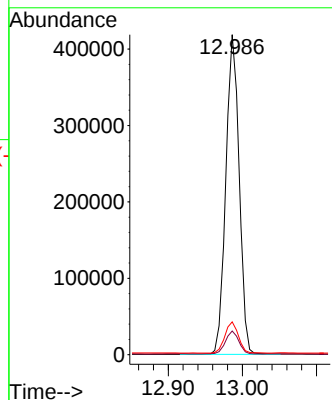
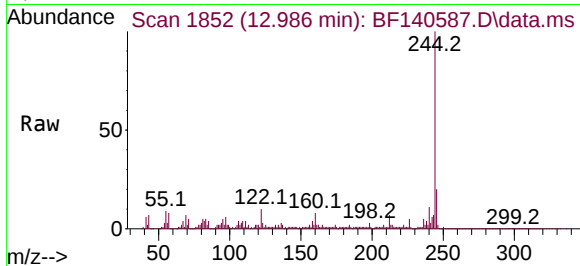




#79
 Terphenyl-d14
 Concen: 52.434 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Instrument :
 BNA_F
 ClientSampleId :
 MH-734

Tgt Ion:244 Resp: 524490
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140587.D
 Acq: 22 Nov 2024 19:27

Tgt Ion:264 Resp: 125827
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.6 16.6 25.0

