

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140420.D
 Acq On : 16 Nov 2024 11:01
 Operator : RC/JU
 Sample : P4821-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24

Quant Time: Nov 18 00:05:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

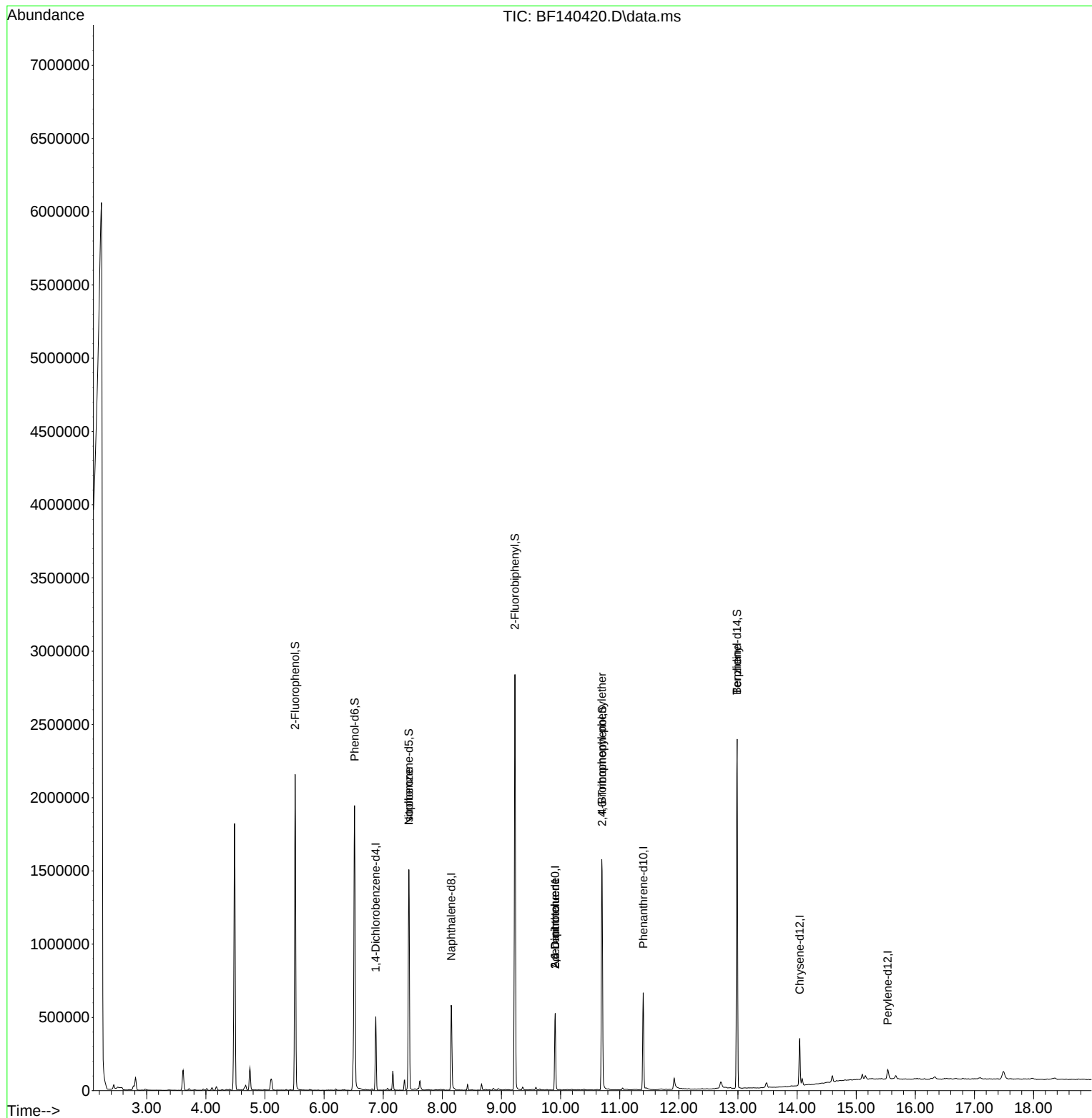
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	102865	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	380190	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	144379	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	338320	20.000	ng	0.00
76) Chrysene-d12	14.045	240	131208	20.000	ng	0.00
86) Perylene-d12	15.533	264	23566	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	799659	132.730	ng	0.02
7) Phenol-d6	6.516	99	878502	107.626	ng	0.01
23) Nitrobenzene-d5	7.434	82	691102	94.711	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	280474	195.352	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1233832	137.378	ng	0.00
79) Terphenyl-d14	12.986	244	1116070	147.648	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.434	82	684447	52.925	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	18439	8.595	ng	# 24
57) 2,4-Dinitrotoluene	9.910	165	18439	6.530	ng	# 22
67) 4-Bromophenyl-phenylether	10.698	248	17906	5.295	ng	# 1
77) Benzidine	12.986	184	15809	3.139	ng	95

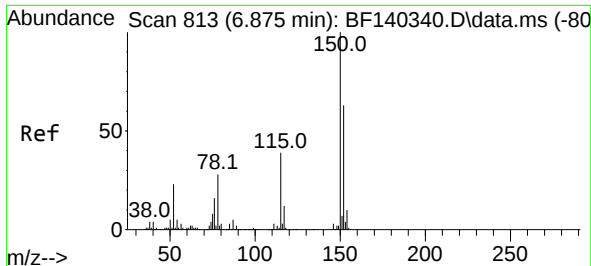
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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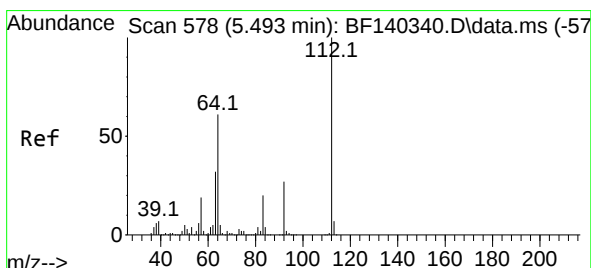
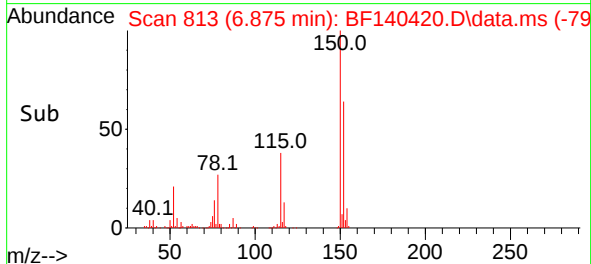
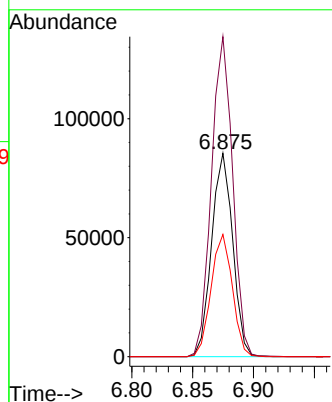
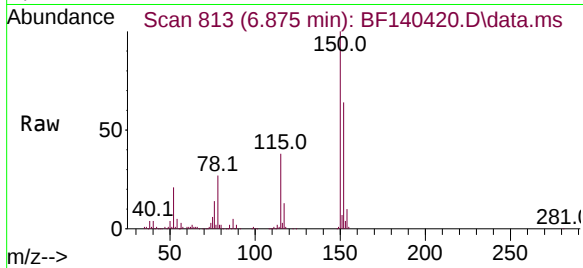




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

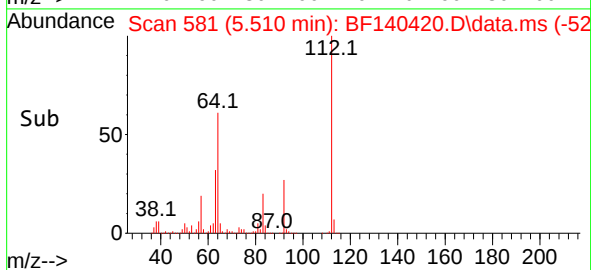
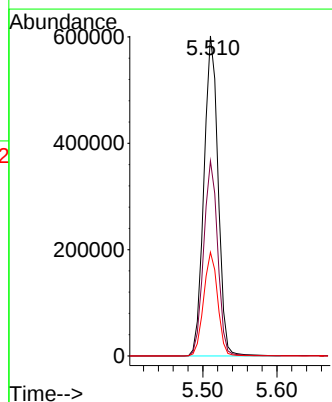
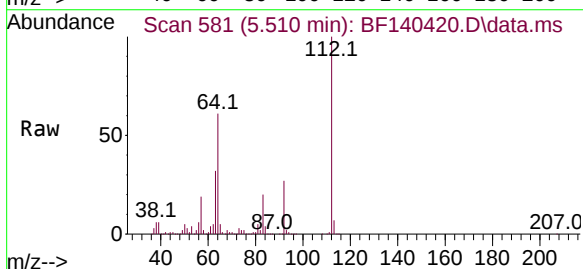
Instrument :
BNA_F
ClientSampleId :
BP-F-24

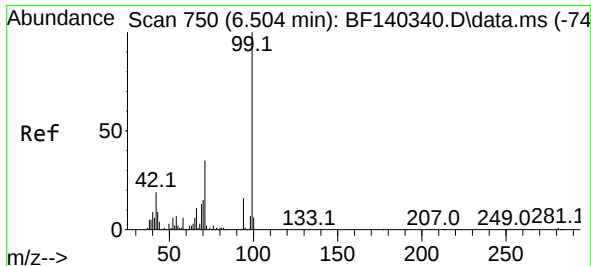
Tgt Ion:152 Resp: 102865
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 60.1 47.4 71.2



#5
2-Fluorophenol
Concen: 132.730 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion:112 Resp: 799659
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 32.4 25.6 38.4

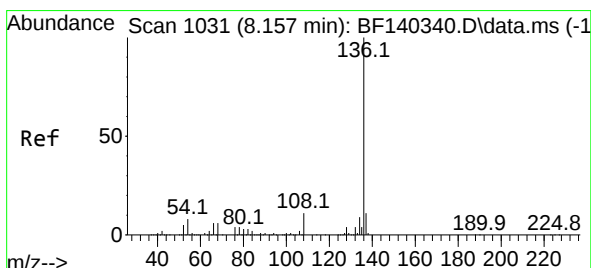
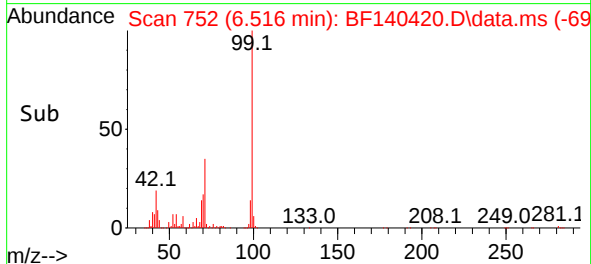
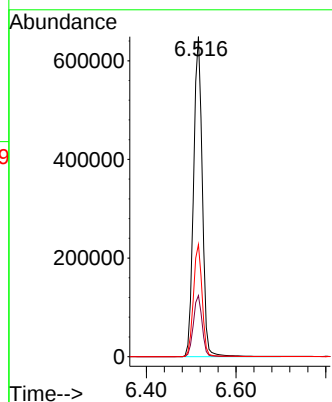
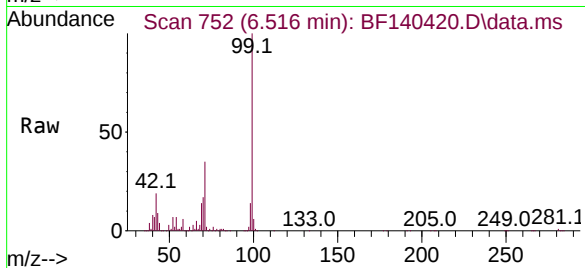




#7
Phenol-d6
Concen: 107.626 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

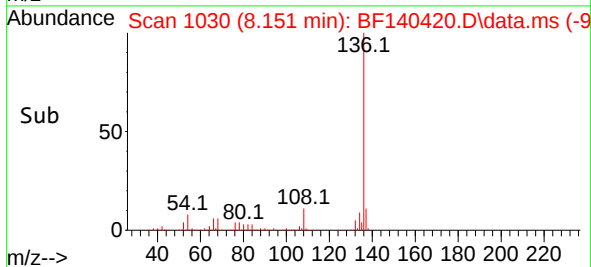
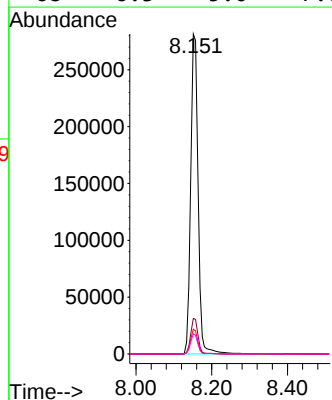
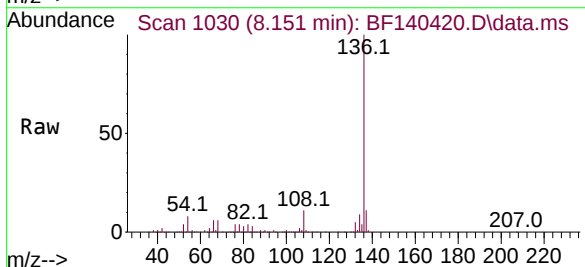
Instrument :
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ClientSampleId :
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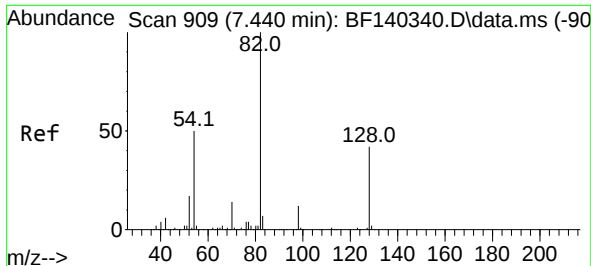
Tgt Ion: 99 Resp: 878502
Ion Ratio Lower Upper
99 100
42 19.1 15.1 22.7
71 35.1 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion: 136 Resp: 380190
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.5 9.7
68 6.3 5.0 7.6

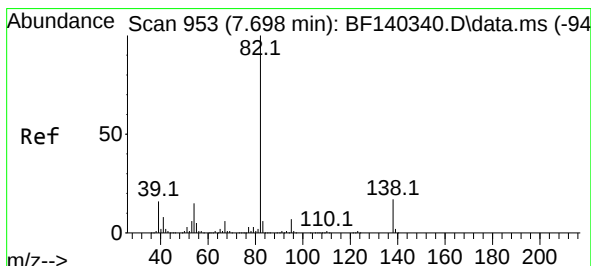
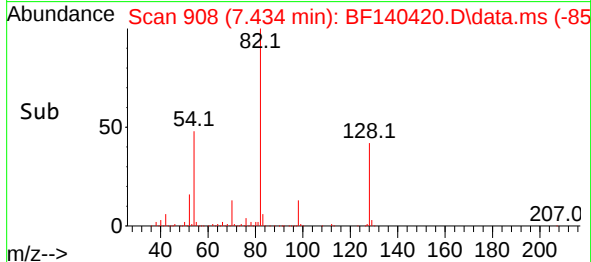
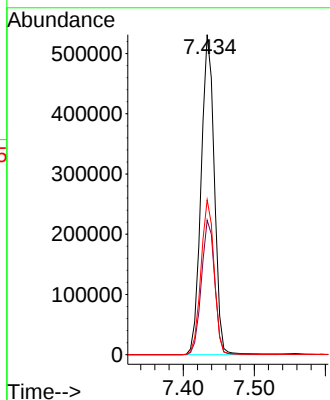
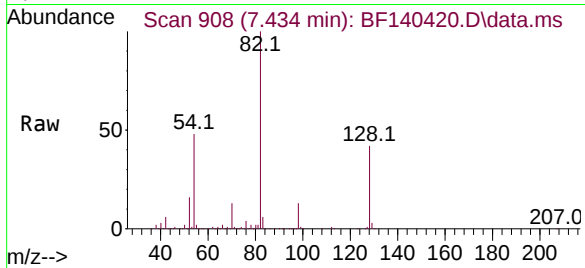




#23
Nitrobenzene-d5
Concen: 94.711 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

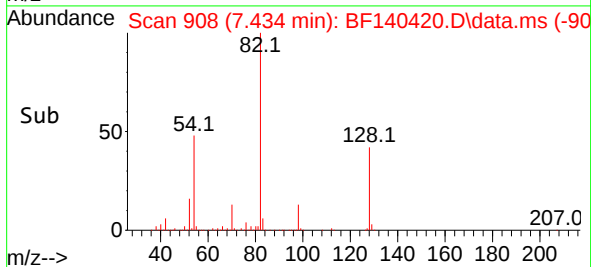
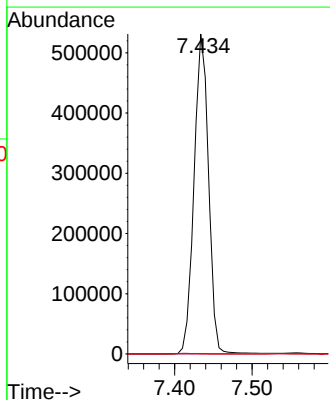
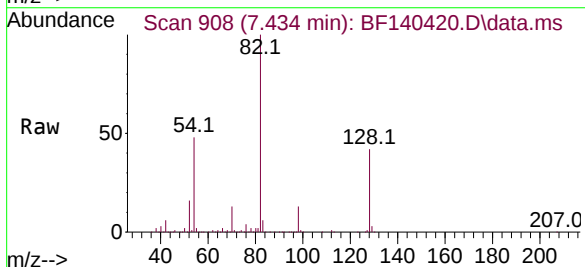
Instrument :
BNA_F
ClientSampleId :
BP-F-24

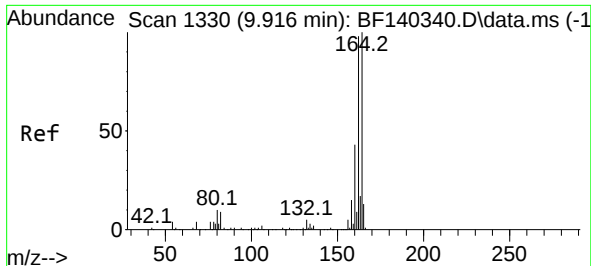
Tgt Ion: 82 Resp: 691102
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 48.4 39.8 59.8



#25
Isophorone
Concen: 52.925 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion: 82 Resp: 684447
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#

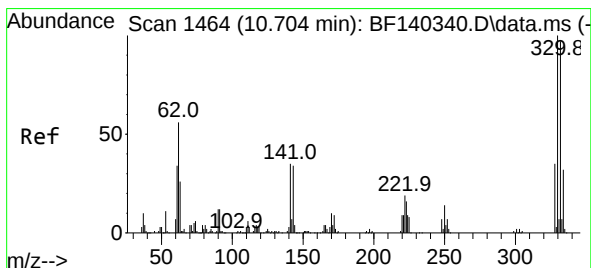
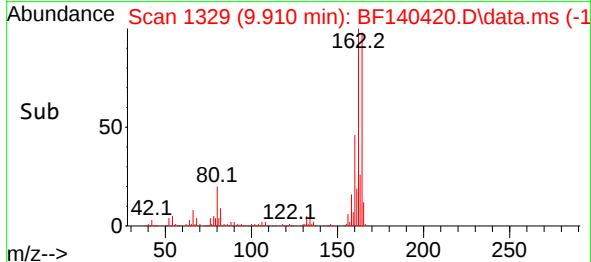
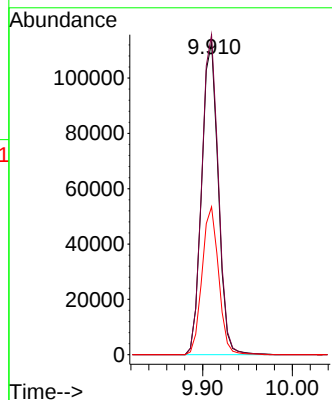
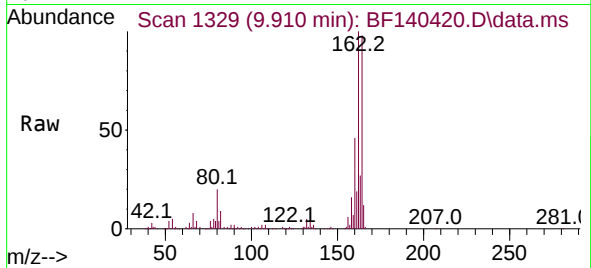




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

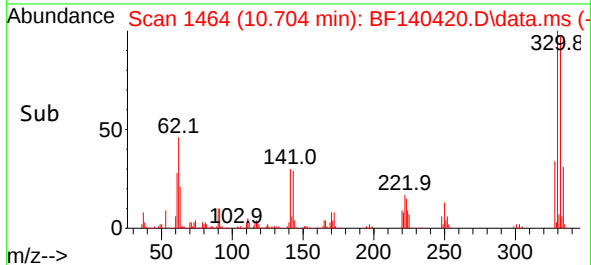
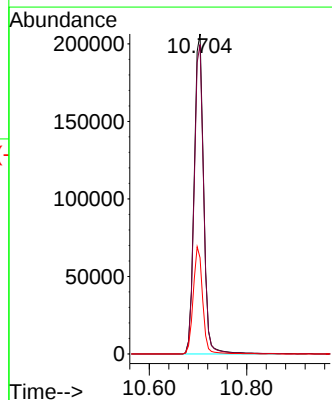
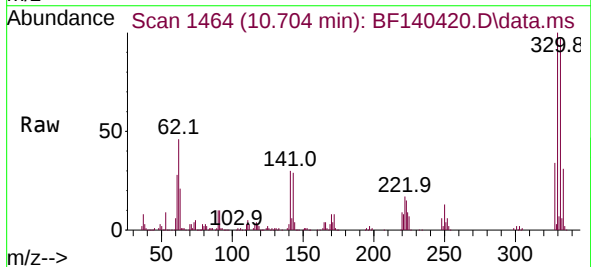
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ClientSampleId :
BP-F-24

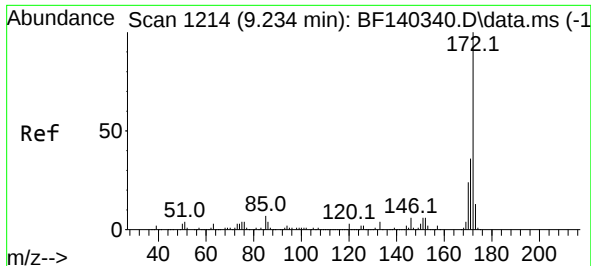
Tgt Ion:164 Resp: 144379
Ion Ratio Lower Upper
164 100
162 102.4 79.8 119.8
160 47.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 195.352 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion:330 Resp: 280474
Ion Ratio Lower Upper
330 100
332 96.6 75.9 113.9
141 33.2 26.9 40.3

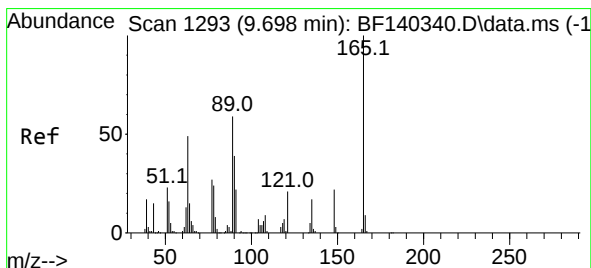
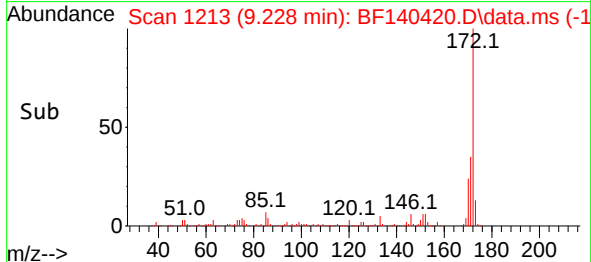
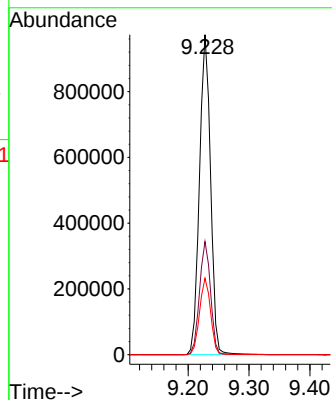
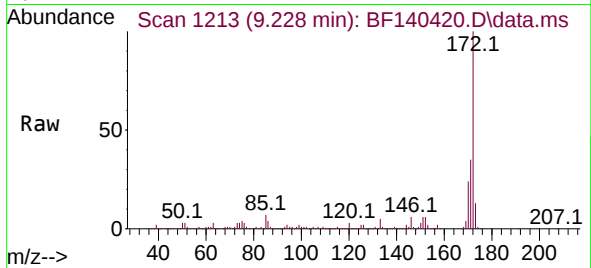




#45
2-Fluorobiphenyl
Concen: 137.378 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

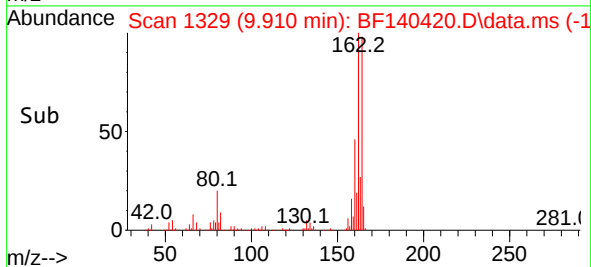
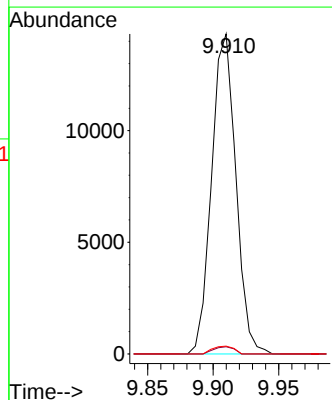
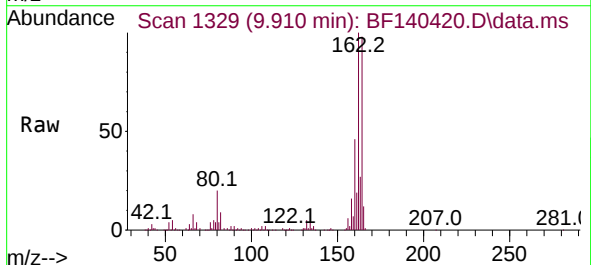
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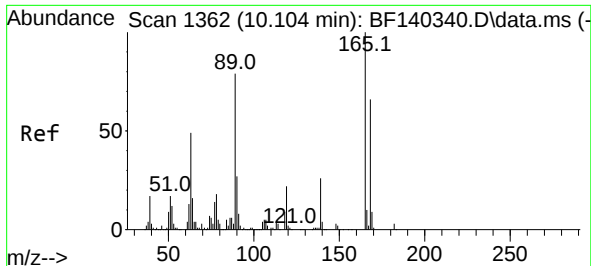
Tgt Ion:172 Resp: 1233832
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.9 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion:165 Resp: 18439
Ion Ratio Lower Upper
165 100
63 2.2 47.6 71.4#
89 2.4 48.1 72.1#

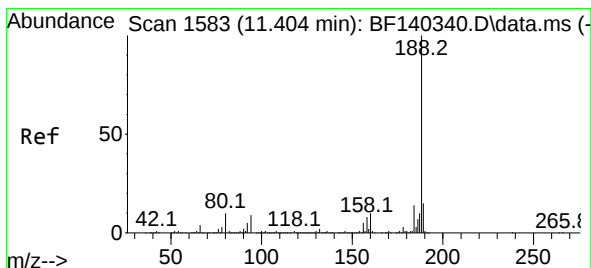
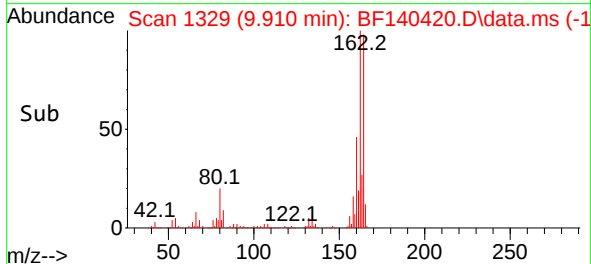
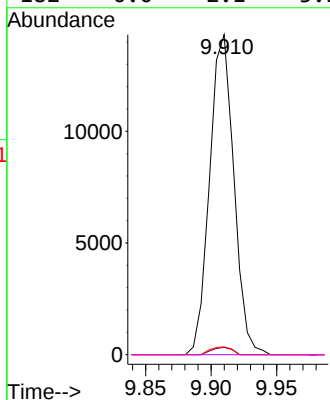
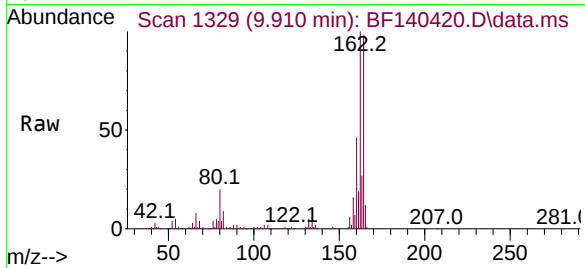




#57
2,4-Dinitrotoluene
Concen: 6.530 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

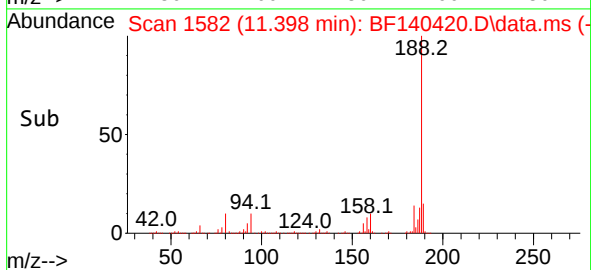
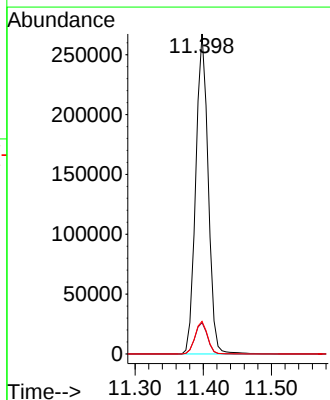
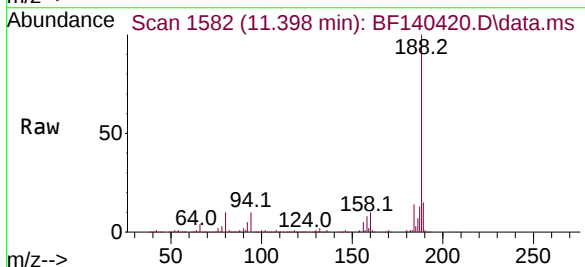
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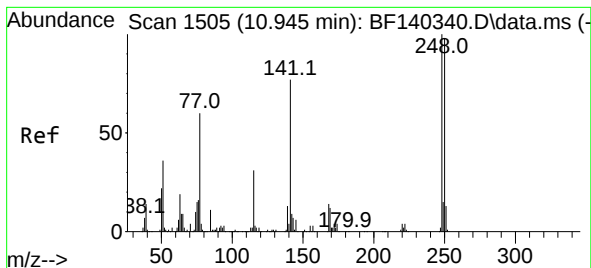
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Ion Ratio Lower Upper
165 100
63 2.2 39.4 59.0#
89 2.4 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion:188 Resp: 338320
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.2 8.0 12.0

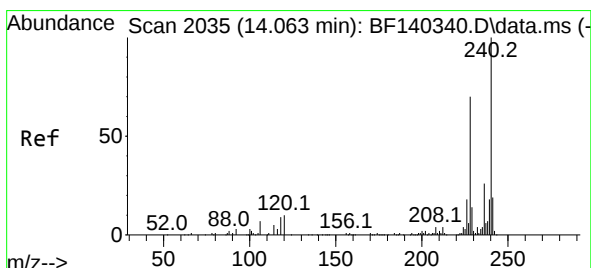
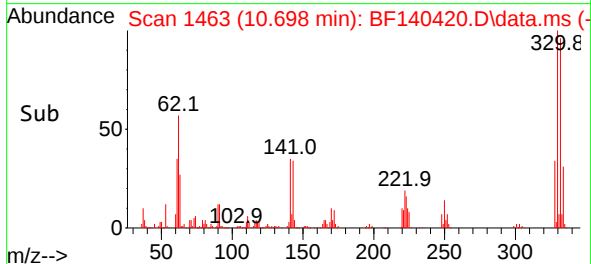
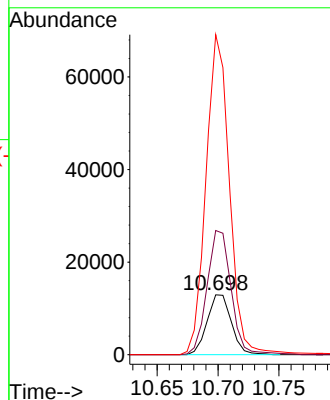
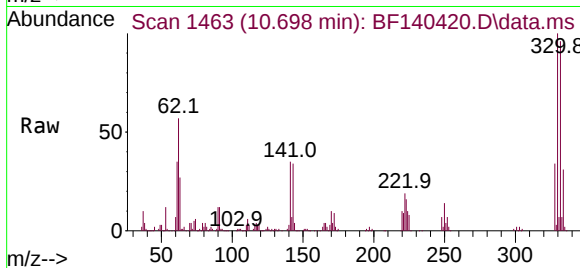




#67
4-Bromophenyl-phenylether
Concen: 5.295 ng
RT: 10.698 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

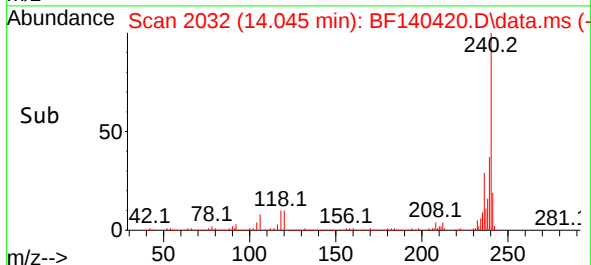
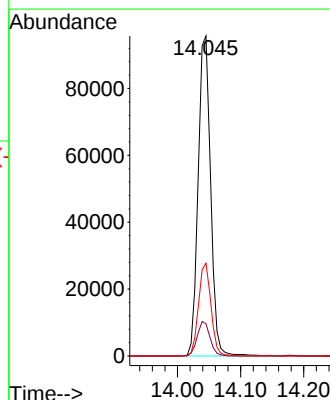
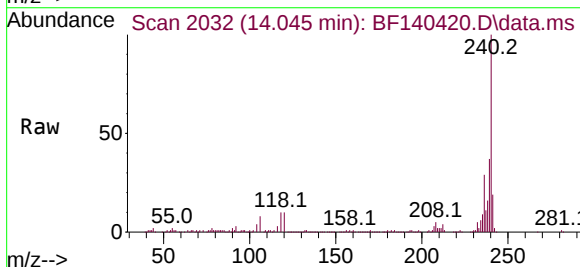
Instrument :
BNA_F
ClientSampleId :
BP-F-24

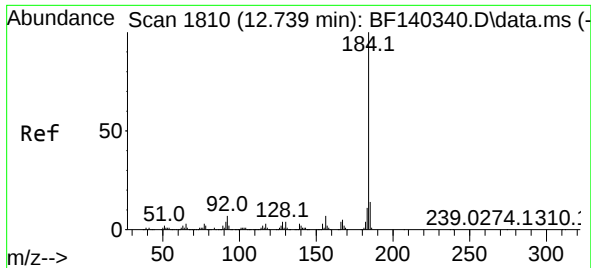
Tgt Ion:248 Resp: 17906
Ion Ratio Lower Upper
248 100
250 207.4 77.9 116.9#
141 534.3 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion:240 Resp: 131208
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 29.0 20.9 31.3

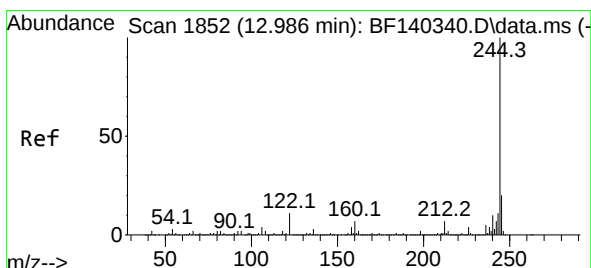
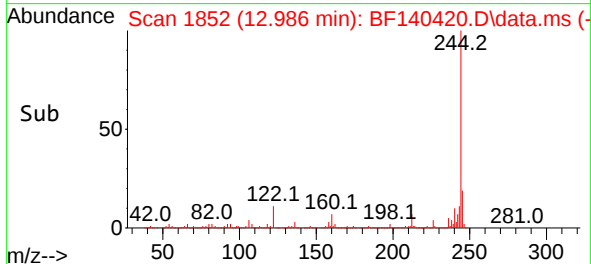
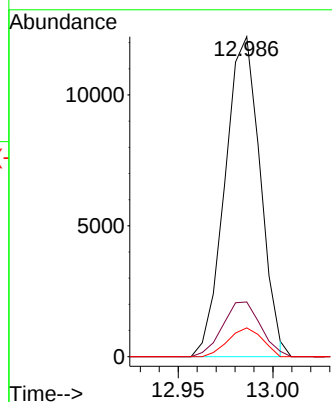
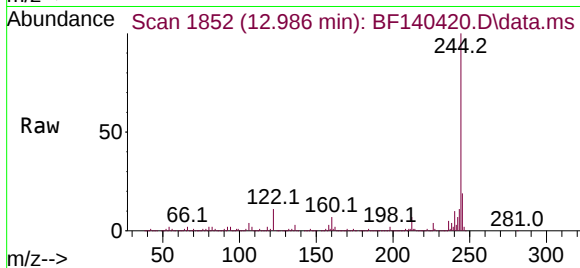




#77
Benzidine
Concen: 3.139 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

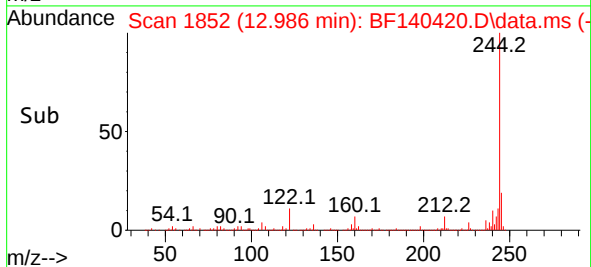
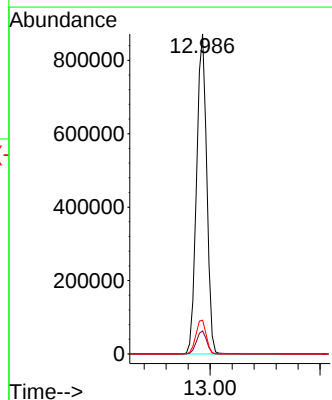
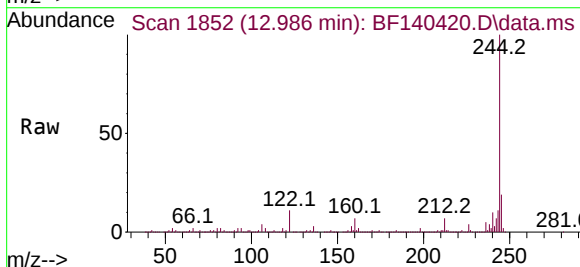
Instrument :
BNA_F
ClientSampleId :
BP-F-24

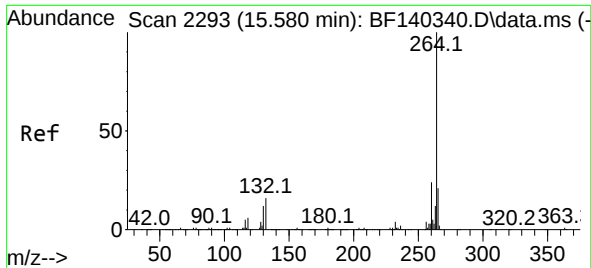
Tgt Ion:	184	Resp:	15809
Ion Ratio	Lower	Upper	
184	100		
185	17.1	11.9	17.9
183	9.0	8.6	13.0



#79
Terphenyl-d14
Concen: 147.648 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140420.D
Acq: 16 Nov 2024 11:01

Tgt Ion:	244	Resp:	1116070
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	10.6	8.8	13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF140420.D
 Acq: 16 Nov 2024 11:01

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24

Tgt Ion:264 Resp: 23566
 Ion Ratio Lower Upper
 264 100
 260 38.0 19.2 28.8#
 265 22.6 17.1 25.7

