

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140254.D
 Acq On : 06 Nov 2024 13:08
 Operator : RC/JU
 Sample : PB164366BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164366BL

Quant Time: Nov 06 13:43:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

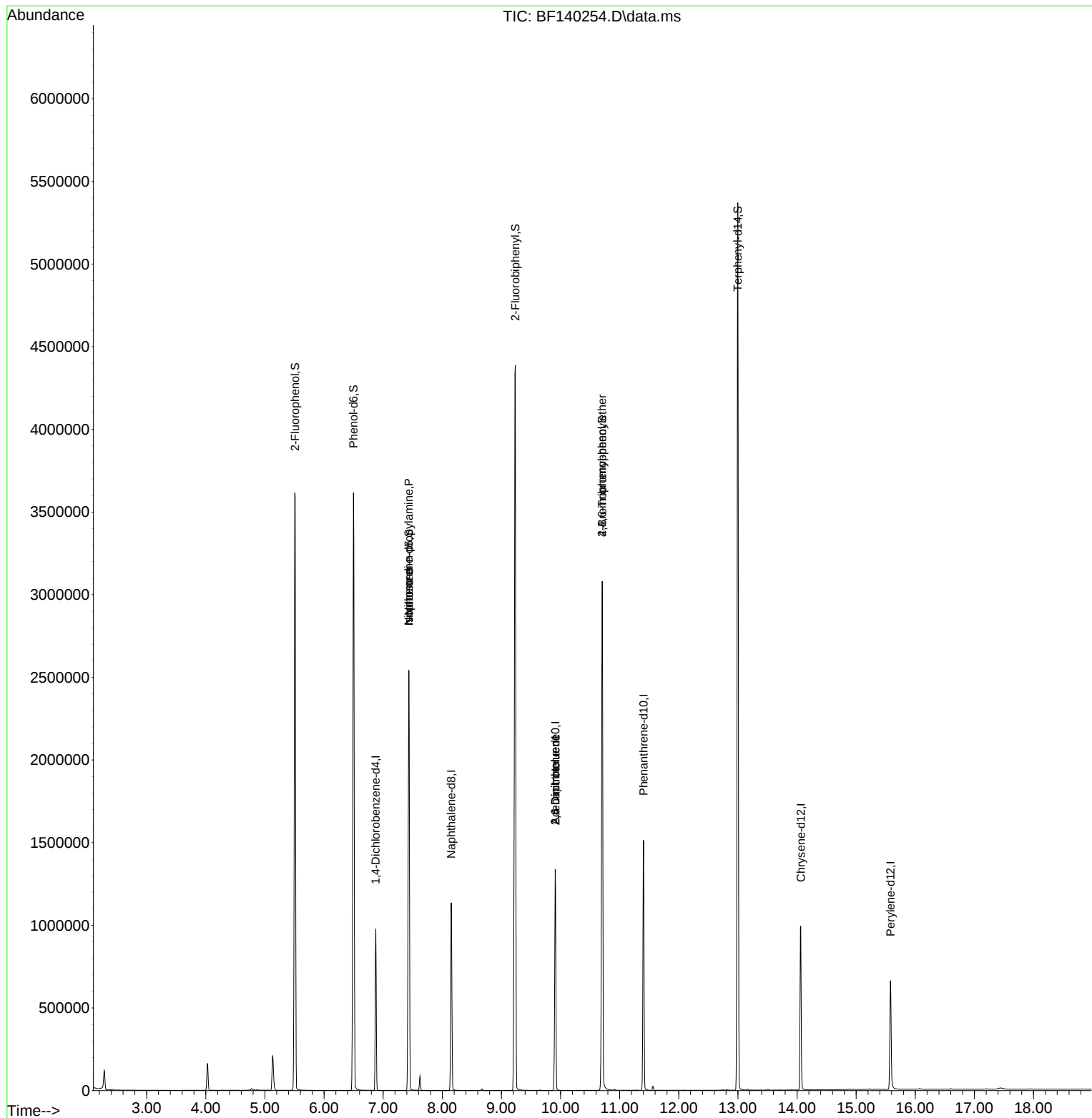
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	194346	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	748217	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	449315	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	819195	20.000	ng	0.00
76) Chrysene-d12	14.063	240	509272	20.000	ng	0.00
86) Perylene-d12	15.580	264	417555	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1460290	124.520	ng	0.02
7) Phenol-d6	6.498	99	1811235	120.075	ng	0.00
23) Nitrobenzene-d5	7.434	82	1267081	84.196	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	579902	130.572	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2354201	83.665	ng	0.00
79) Terphenyl-d14	12.998	244	2858535	91.948	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	176592	18.351	ng	# 76
25) Isophorone	7.434	82	1256739	48.499	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	57391	8.823	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	57391	6.799	ng	# 19
67) 4-Bromophenyl-phenylether	10.704	248	37752	4.280	ng	# 1

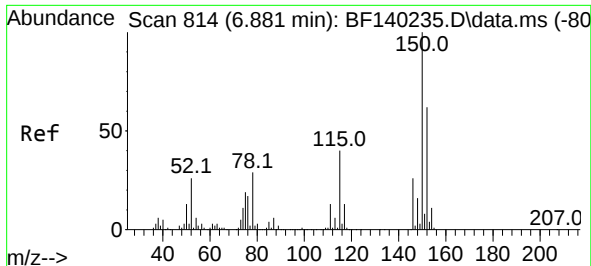
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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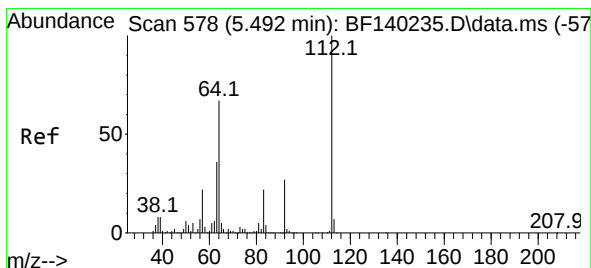
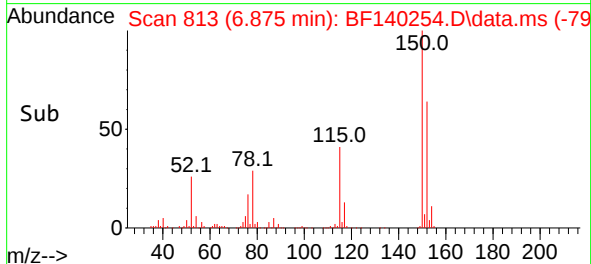
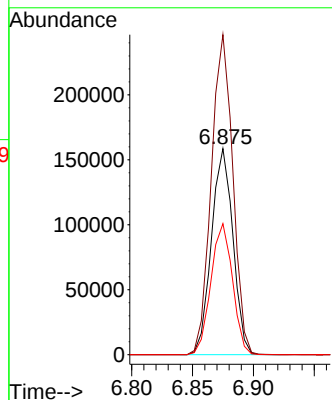
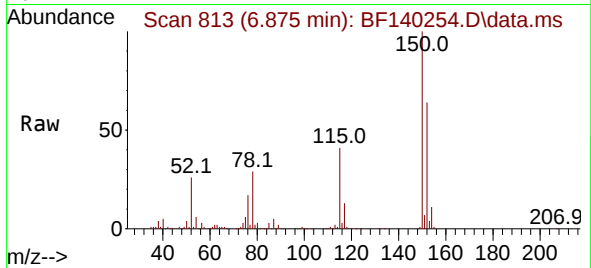




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

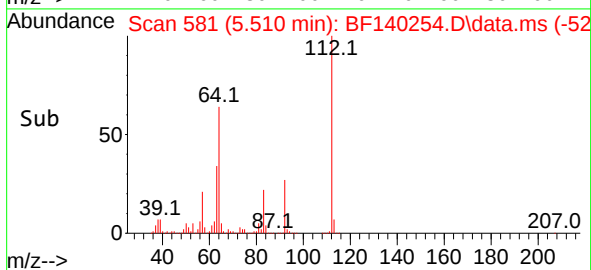
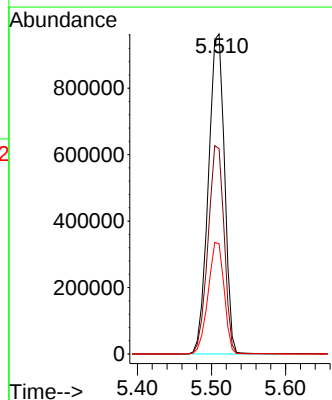
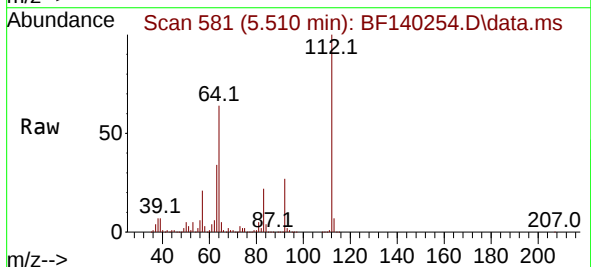
Instrument :
BNA_F
ClientSampleId :
PB164366BL

Tgt Ion:152 Resp: 194346
Ion Ratio Lower Upper
152 100
150 155.3 129.4 194.2
115 63.6 51.5 77.3



#5
2-Fluorophenol
Concen: 124.520 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

Tgt Ion:112 Resp: 1460290
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 34.4 28.9 43.3

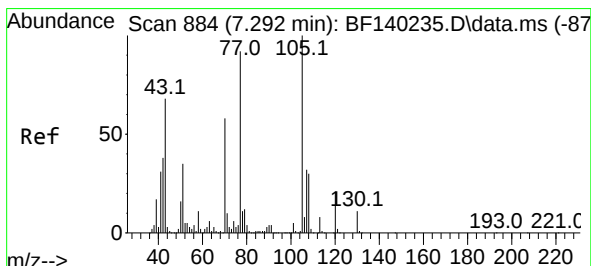
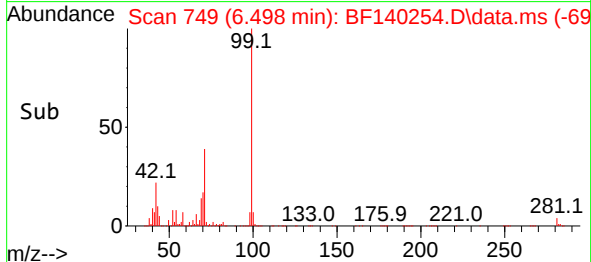
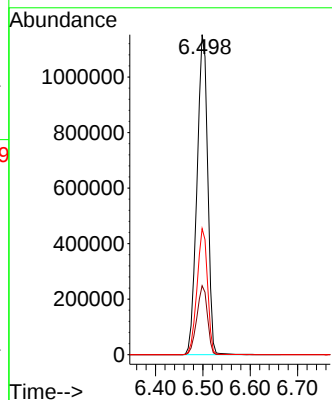
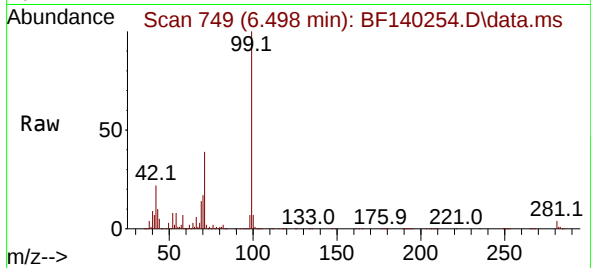




#7
Phenol-d6
Concen: 120.075 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

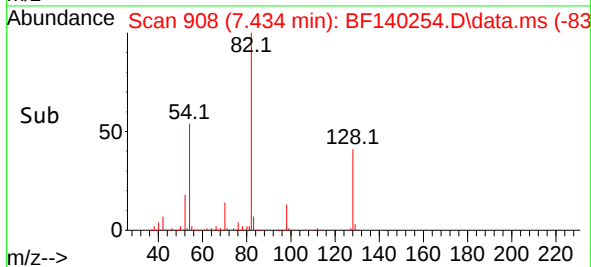
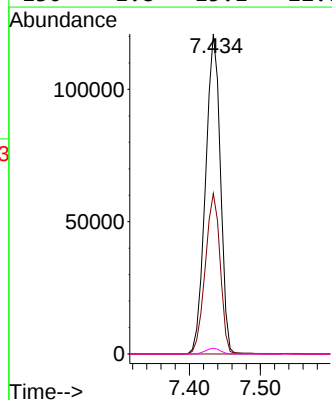
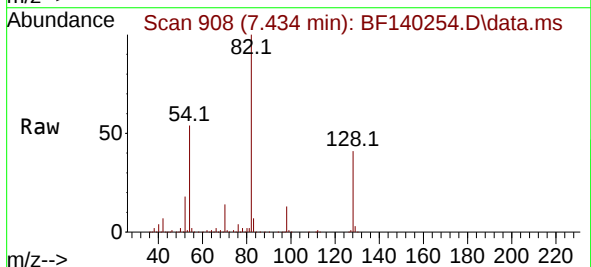
Instrument :
BNA_F
ClientSampleId :
PB164366BL

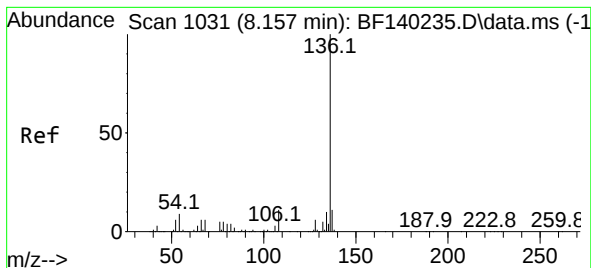
Tgt Ion: 99 Resp: 1811235
Ion Ratio Lower Upper
99 100
42 21.6 18.2 27.2
71 39.4 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.351 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

Tgt Ion: 70 Resp: 176592
Ion Ratio Lower Upper
70 100
42 50.2 52.8 79.2#
101 0.0 7.4 11.2#
130 1.8 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140254.D

Acq: 06 Nov 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB164366BL

Tgt Ion:136 Resp: 748217

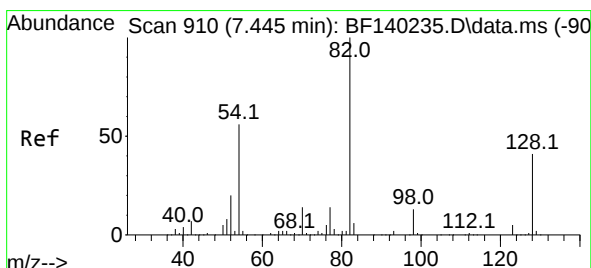
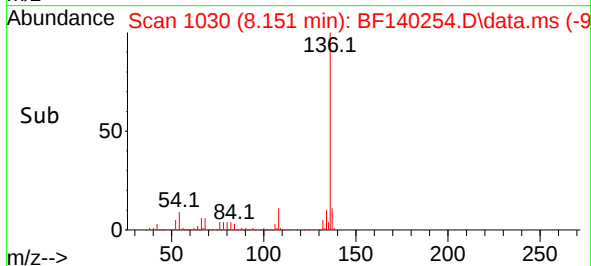
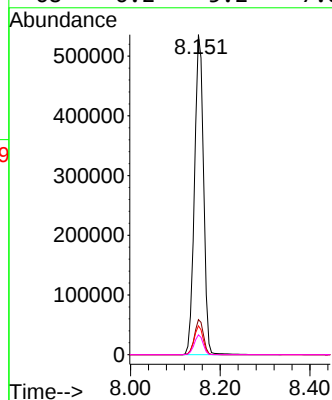
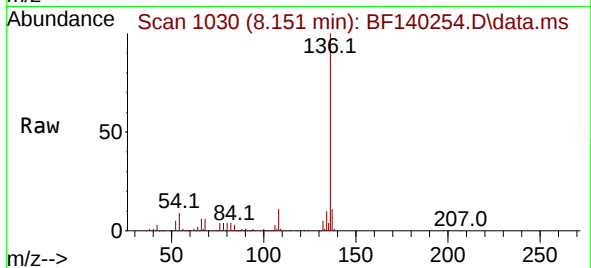
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.0 7.7 11.5

68 6.2 5.2 7.8



#23

Nitrobenzene-d5

Concen: 84.196 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140254.D

Acq: 06 Nov 2024 13:08

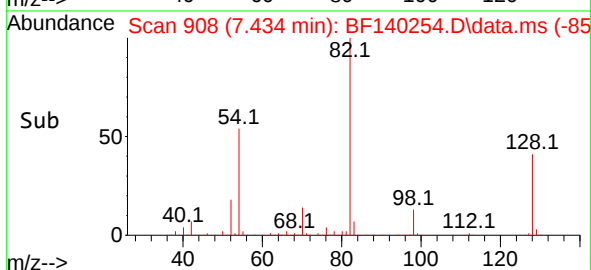
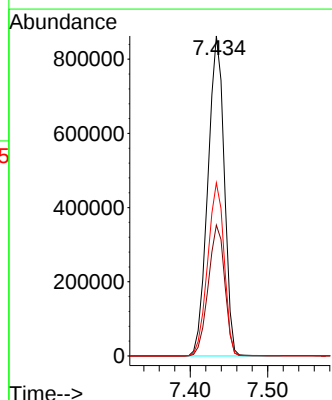
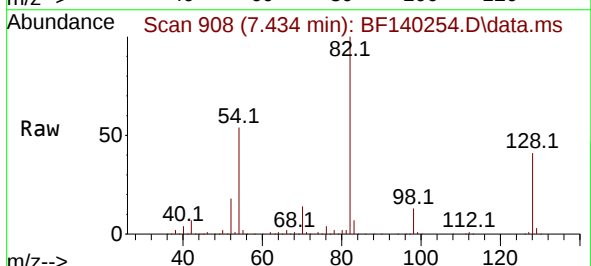
Tgt Ion: 82 Resp: 1267081

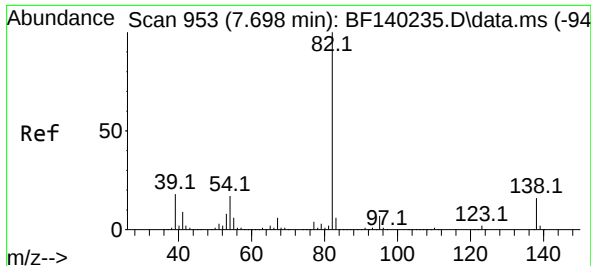
Ion Ratio Lower Upper

82 100

128 40.9 32.8 49.2

54 54.1 44.3 66.5

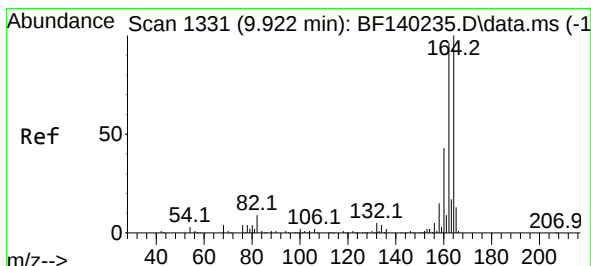
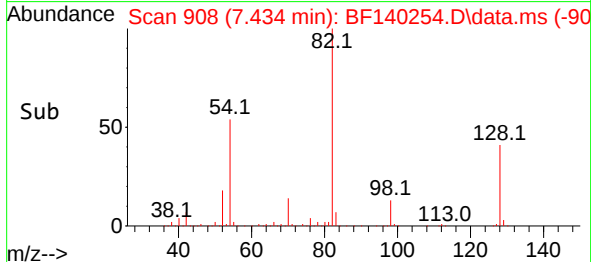
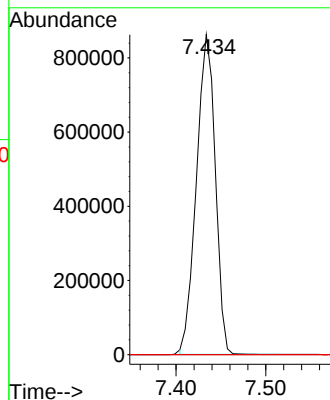
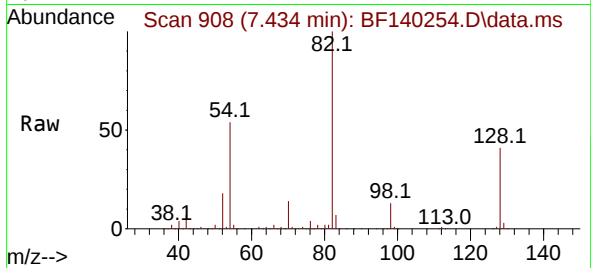




#25
Isophorone
Concen: 48.499 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

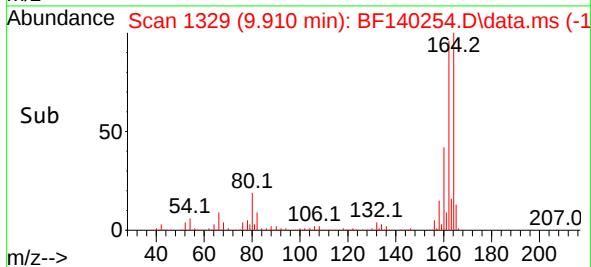
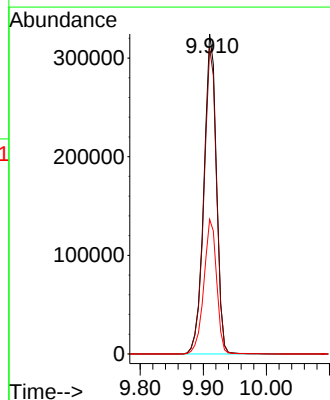
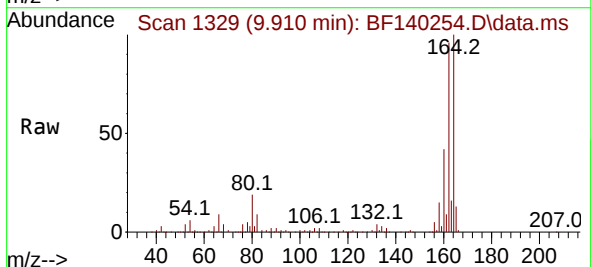
Instrument :
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ClientSampleId :
PB164366BL

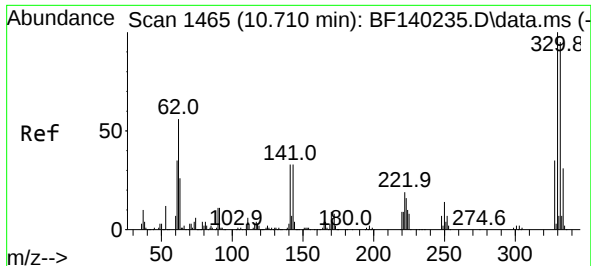
Tgt Ion: 82 Resp: 1256739
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

Tgt Ion:164 Resp: 449315
Ion Ratio Lower Upper
164 100
162 95.7 77.0 115.4
160 42.0 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 130.572 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140254.D

Acq: 06 Nov 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB164366BL

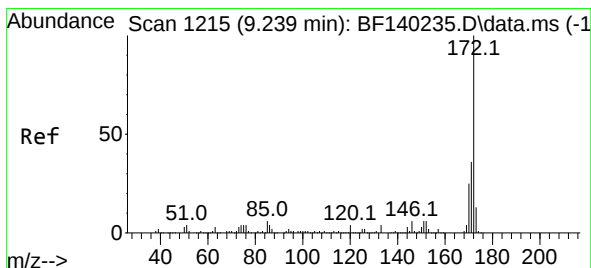
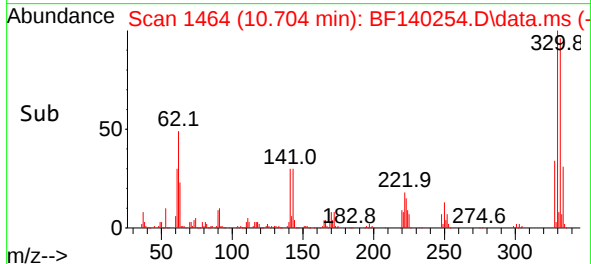
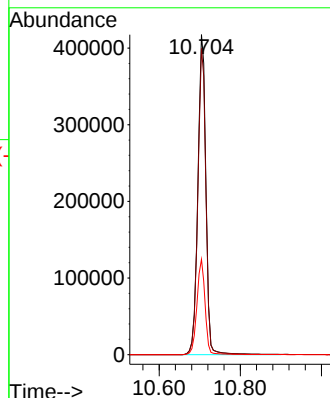
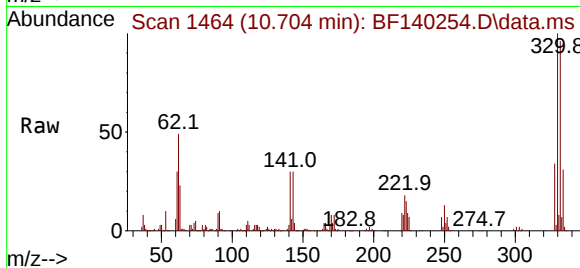
Tgt Ion:330 Resp: 579902

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 30.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.665 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140254.D

Acq: 06 Nov 2024 13:08

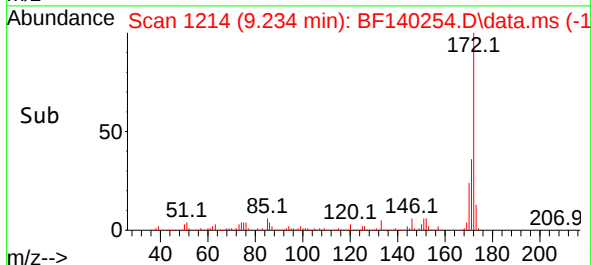
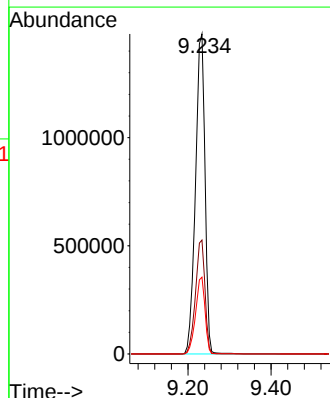
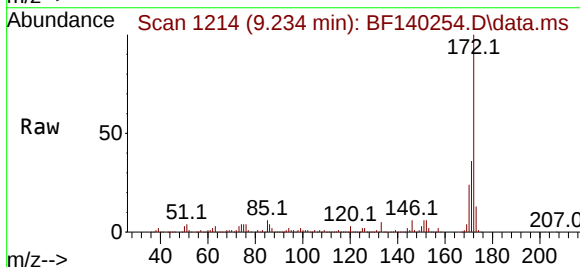
Tgt Ion:172 Resp: 2354201

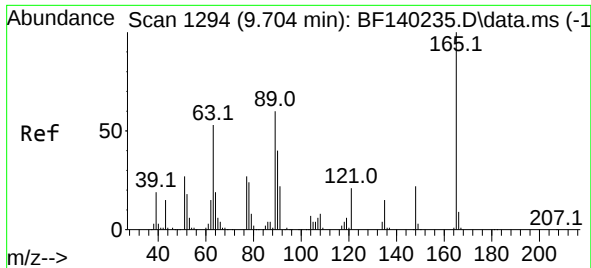
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.0 19.6 29.4

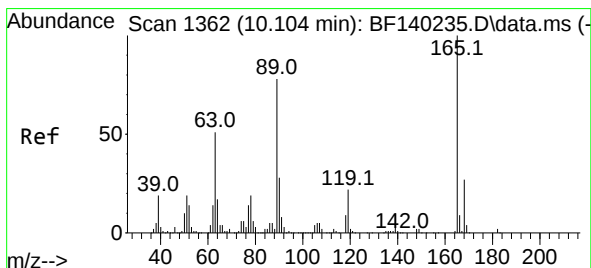
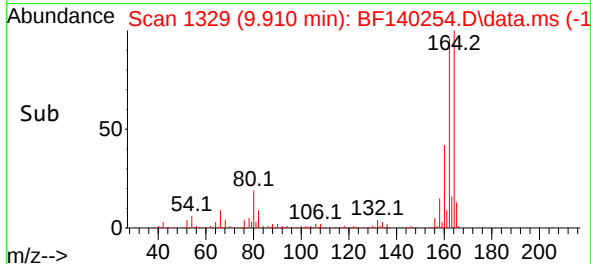
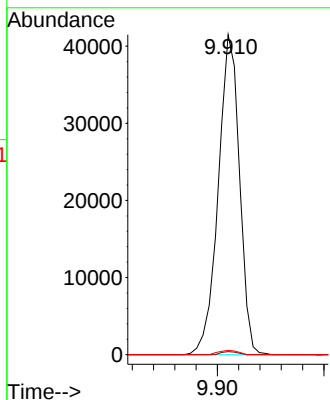
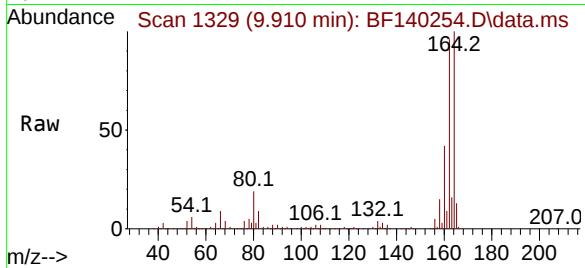




#51
2,6-Dinitrotoluene
Concen: 8.823 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

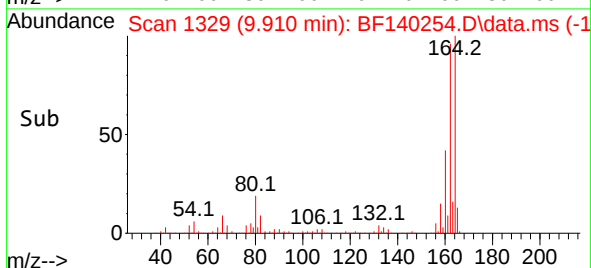
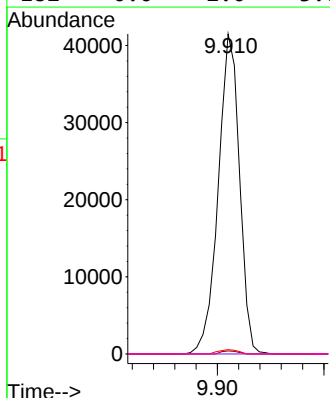
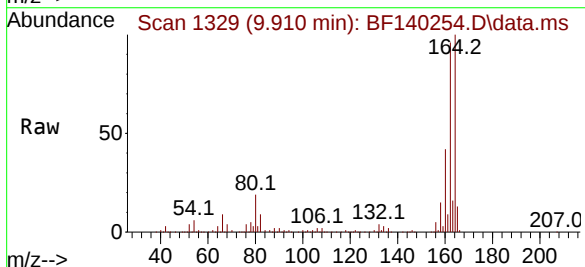
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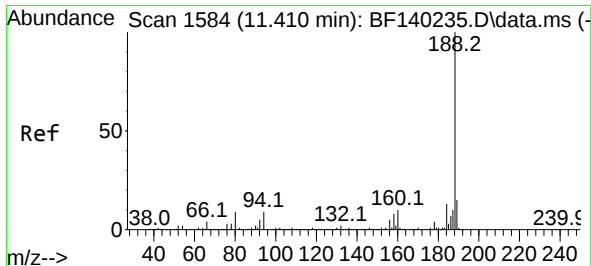
Tgt Ion:165 Resp: 57391
Ion Ratio Lower Upper
165 100
63 1.0 48.8 73.2#
89 1.4 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.799 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

Tgt Ion:165 Resp: 57391
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.4 62.6 94.0#
182 0.0 2.0 3.0#

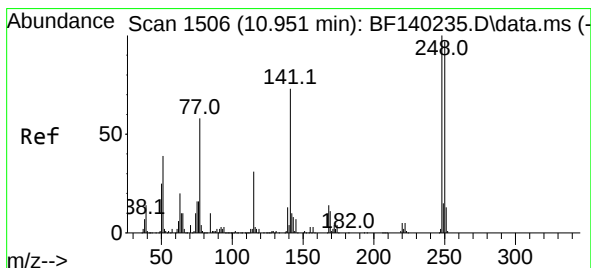
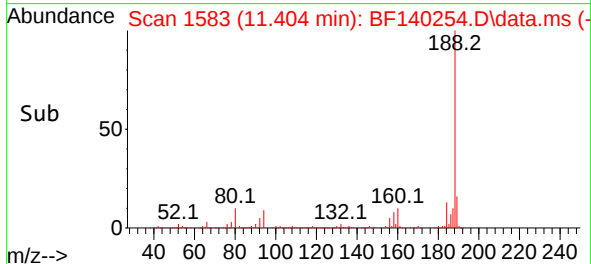
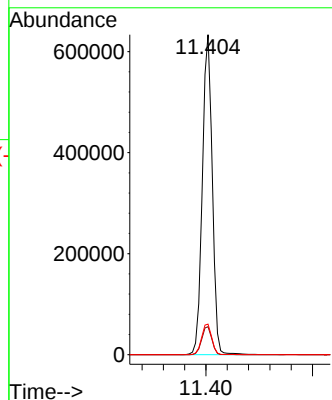
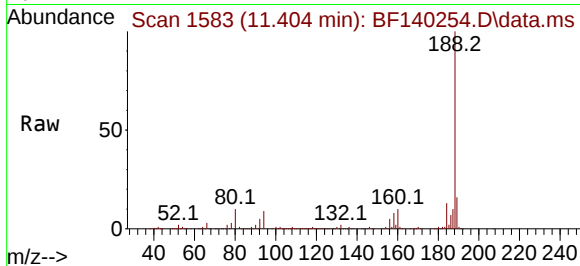




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

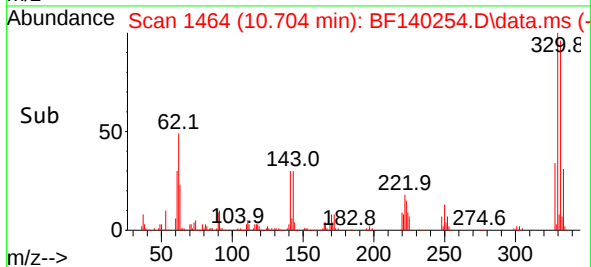
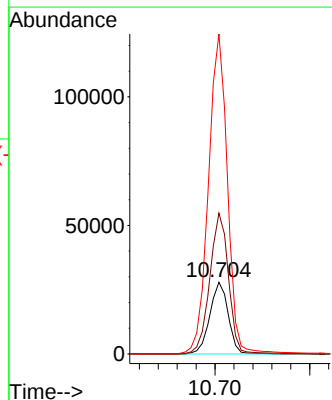
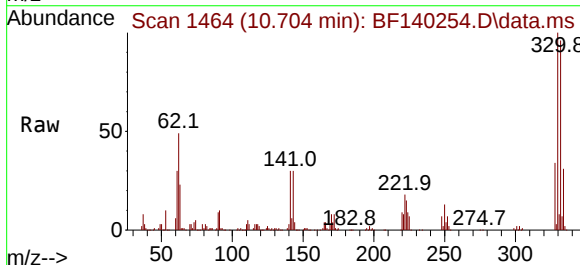
Instrument :
BNA_F
ClientSampleId :
PB164366BL

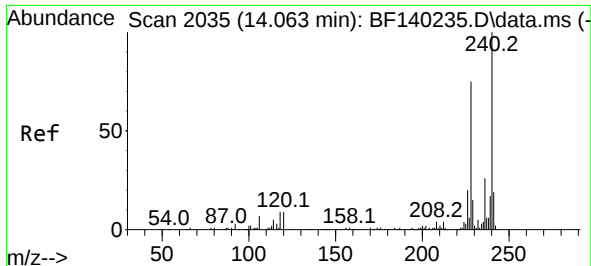
Tgt Ion:188 Resp: 819195
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.280 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

Tgt Ion:248 Resp: 37752
Ion Ratio Lower Upper
248 100
250 196.2 77.9 116.9#
141 446.1 58.6 88.0#

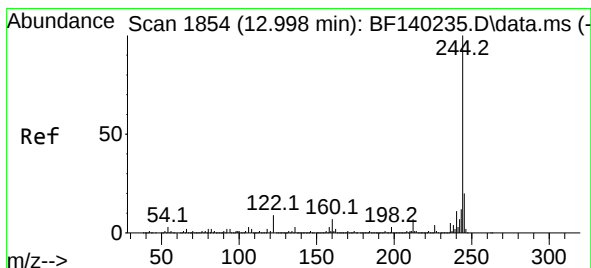
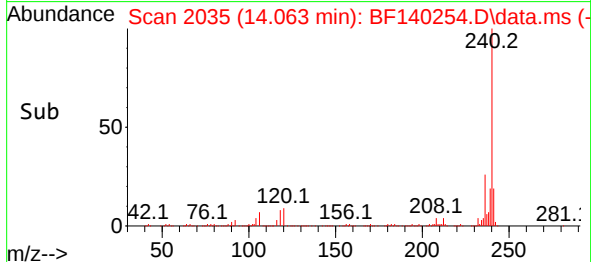
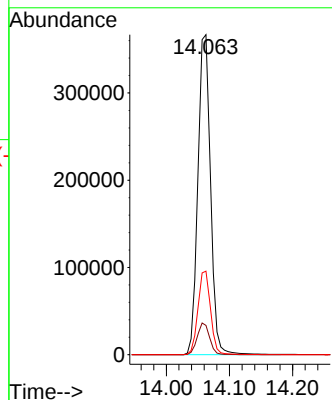
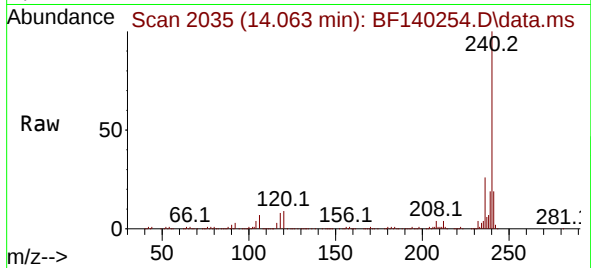




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

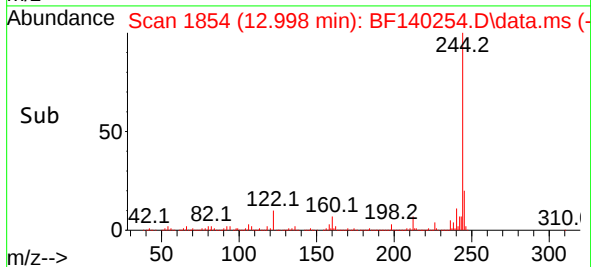
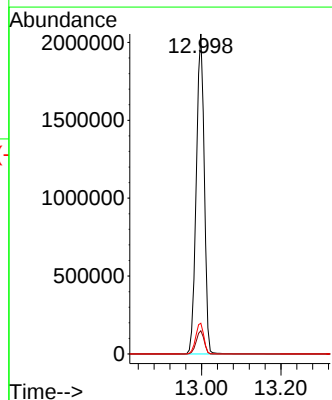
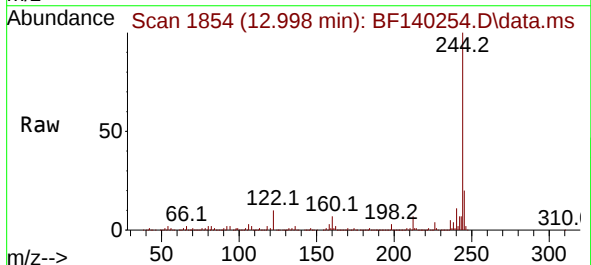
Instrument :
BNA_F
ClientSampleId :
PB164366BL

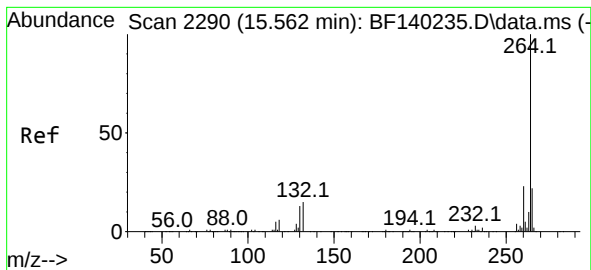
Tgt Ion:240 Resp: 509272
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 91.948 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

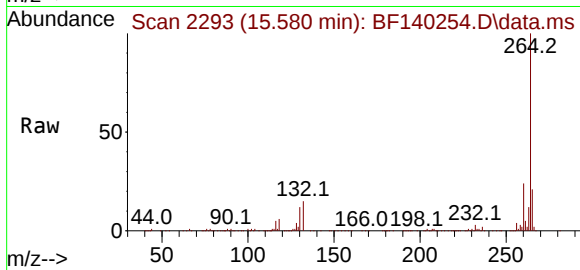
Tgt Ion:244 Resp: 2858535
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.6 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140254.D
Acq: 06 Nov 2024 13:08

Instrument :
BNA_F
ClientSampleId :
PB164366BL



Tgt Ion:264 Resp: 417555
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.2 17.3 25.9

