

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140212.D
 Acq On : 01 Nov 2024 15:47
 Operator : RC/JU
 Sample : P4663-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 16:37:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

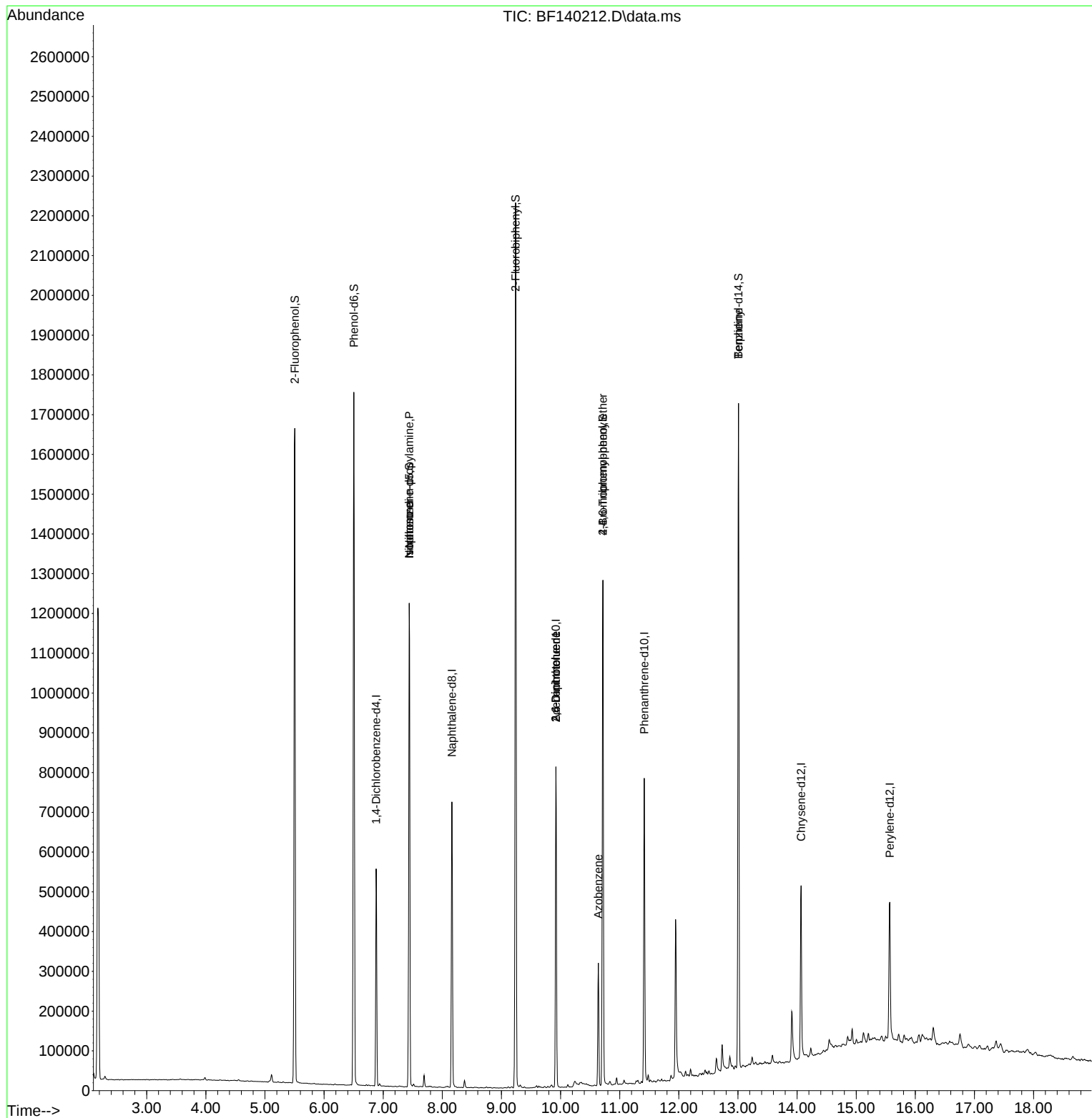
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	106496	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	419273	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	231436	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	391644	20.000	ng	0.00
76) Chrysene-d12	14.068	240	198159	20.000	ng	0.02
86) Perylene-d12	15.568	264	221860	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	593038	87.176	ng	0.00
7) Phenol-d6	6.504	99	782841	88.852	ng	0.00
23) Nitrobenzene-d5	7.439	82	540152	71.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	206576	95.426	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	972072	69.416	ng	-0.01
79) Terphenyl-d14	13.010	244	823333	67.703	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	72043	13.482	ng	# 79
25) Isophorone	7.439	82	536582	37.371	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	30137	9.655	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	30137	7.852	ng	# 21
63) Azobenzene	10.639	77	78383	5.224	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	14121	3.500	ng	# 1
77) Benzidine	13.010	184	11031	3.385	ng	# 92

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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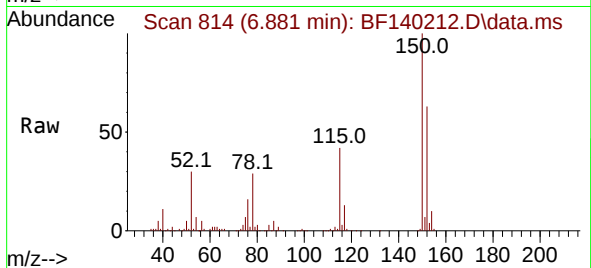
Quant Time: Nov 01 16:37:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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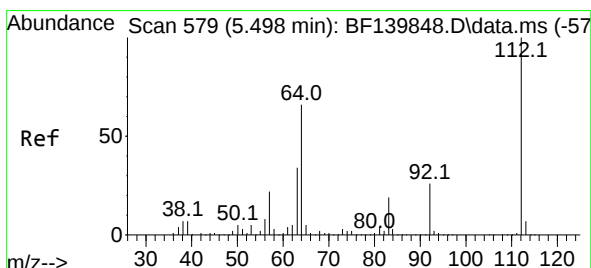
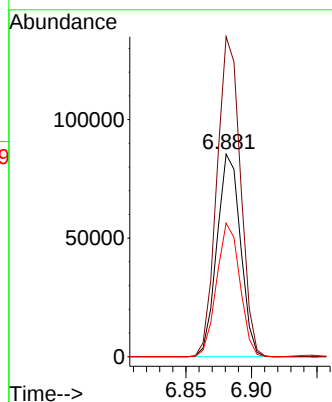
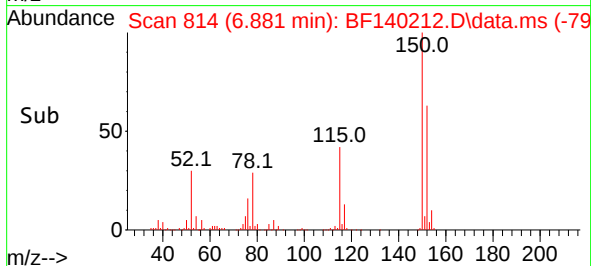


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Instrument :
BNA_F
ClientSampleId :

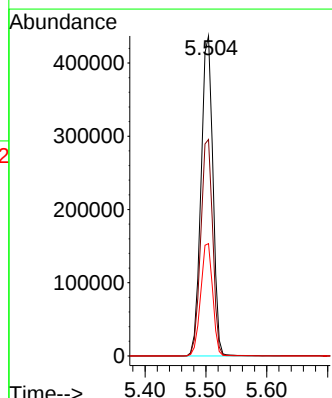
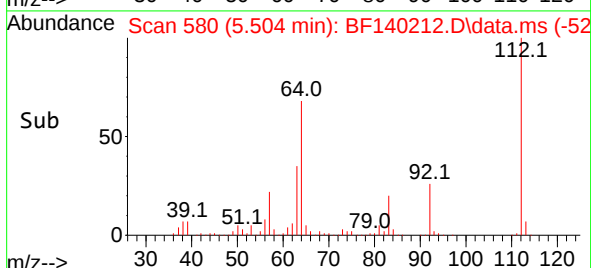
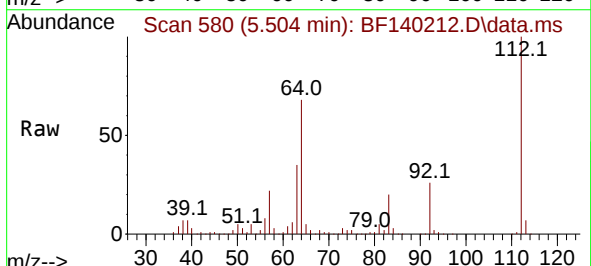


Tgt Ion:152 Resp: 106496
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 87.176 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

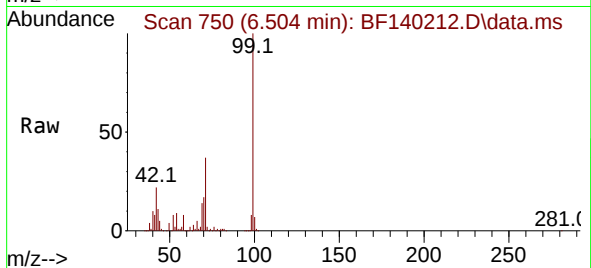
Tgt Ion:112 Resp: 593038
Ion Ratio Lower Upper
112 100
64 67.7 53.0 79.6
63 35.1 27.0 40.4



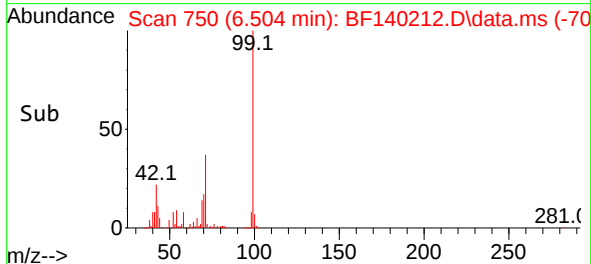
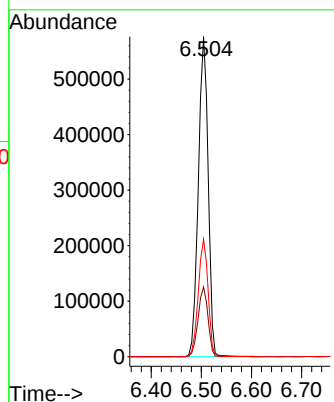


#7
Phenol-d6
Concen: 88.852 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Instrument :
BNA_F
ClientSampleId :

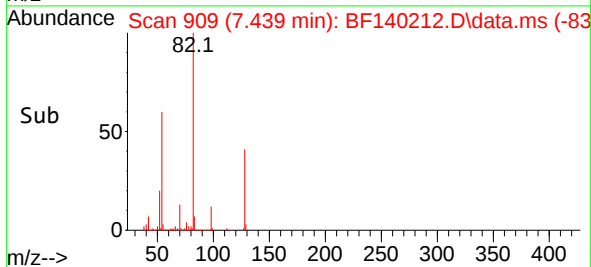
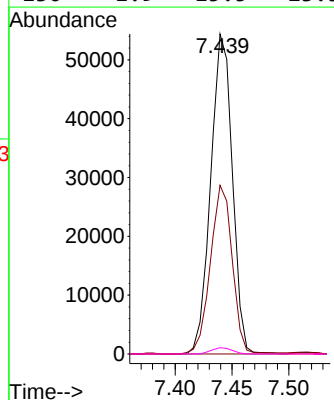
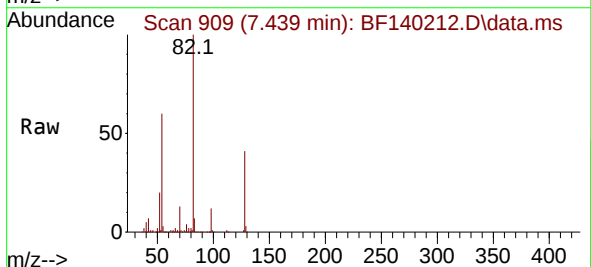


Tgt Ion: 99 Resp: 782841
Ion Ratio Lower Upper
99 100
42 21.8 16.7 25.1
71 36.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.482 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion: 70 Resp: 72043
Ion Ratio Lower Upper
70 100
42 52.7 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



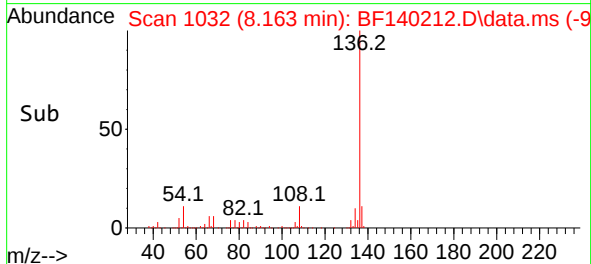
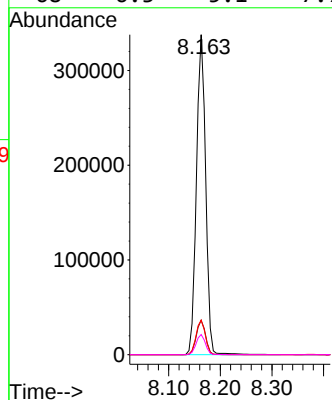
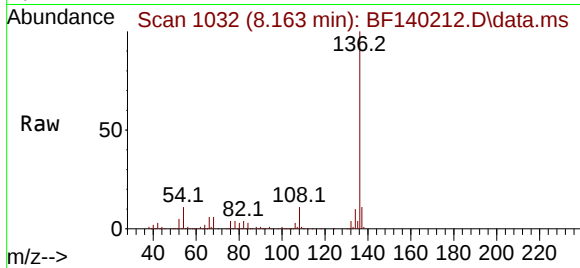


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 419273

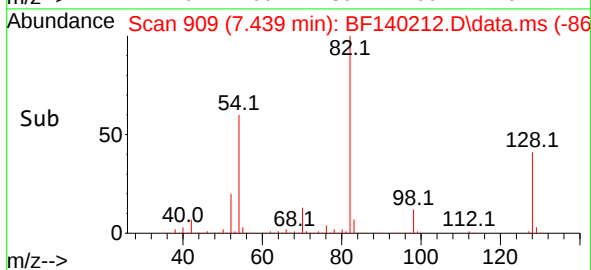
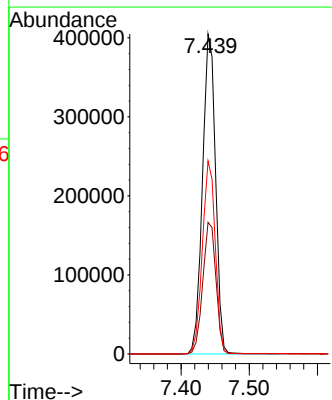
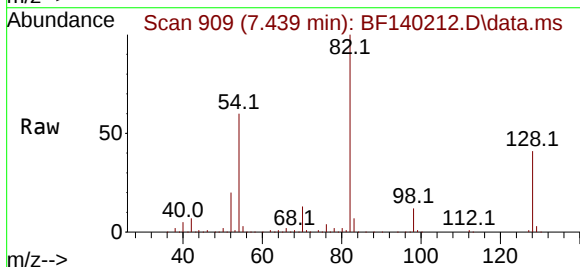
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.8	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 71.403 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion: 82 Resp: 540152

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.4	50.0
54	60.3	47.8	71.8

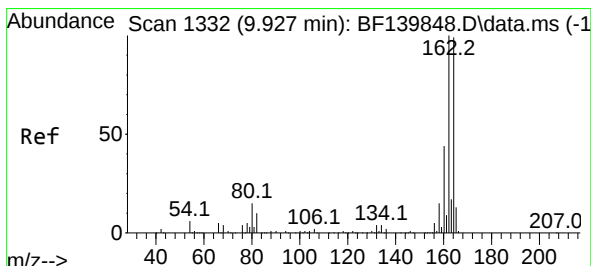
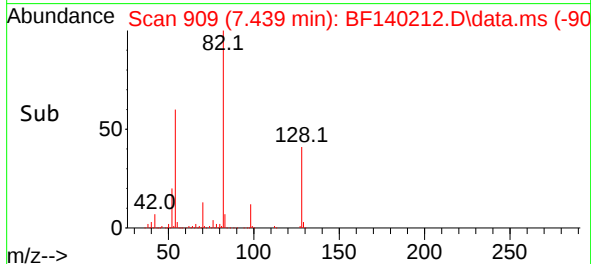
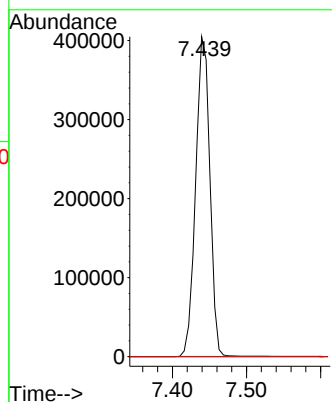
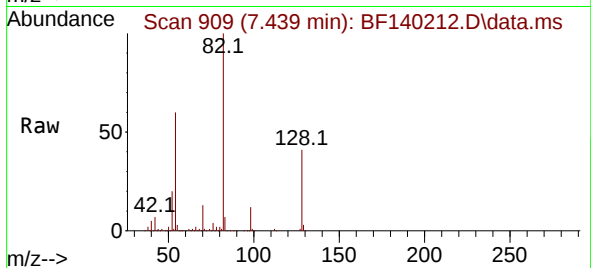




#25
Isophorone
Concen: 37.371 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

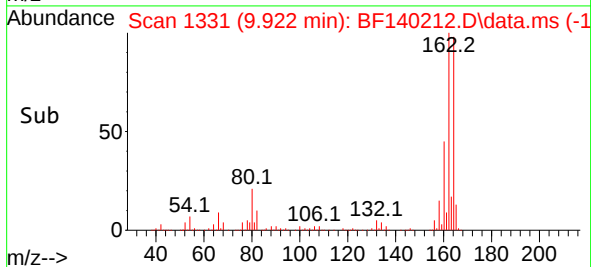
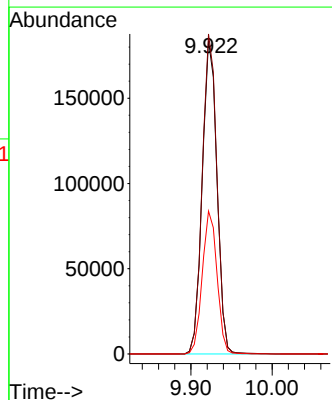
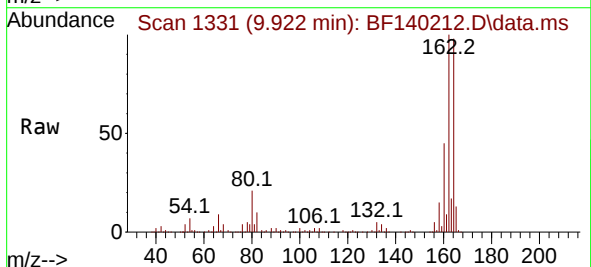
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 536582
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

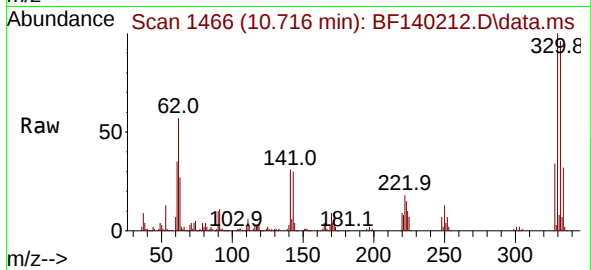
Tgt Ion:164 Resp: 231436
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 45.6 35.4 53.0



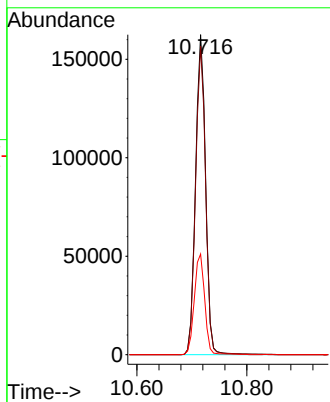
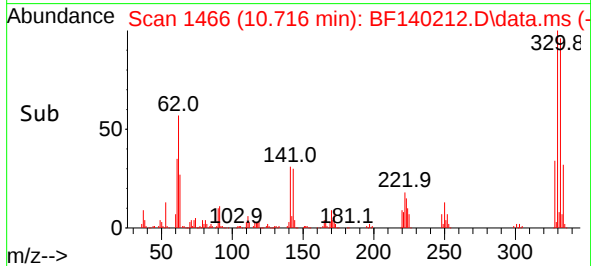


#42
2,4,6-Tribromophenol
Concen: 95.426 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Instrument :
BNA_F
ClientSampleId :

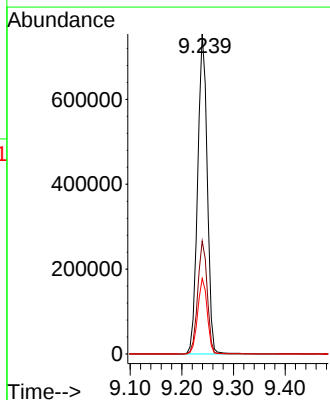
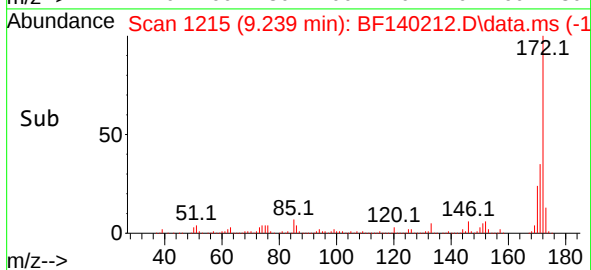
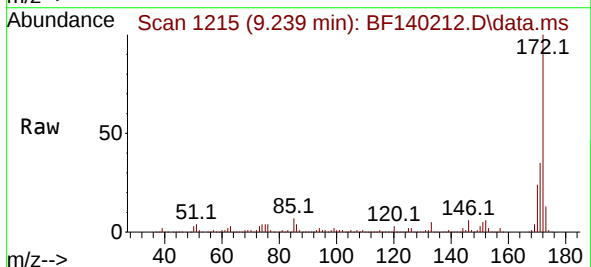


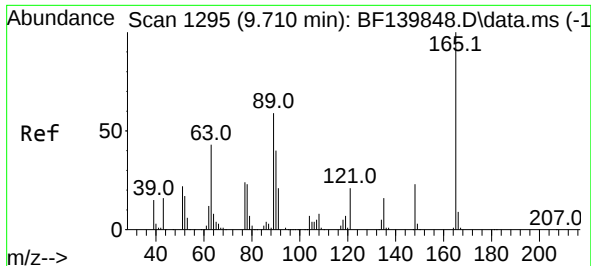
Tgt Ion: 330 Resp: 206576
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 32.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 69.416 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion: 172 Resp: 972072
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.1 28.7

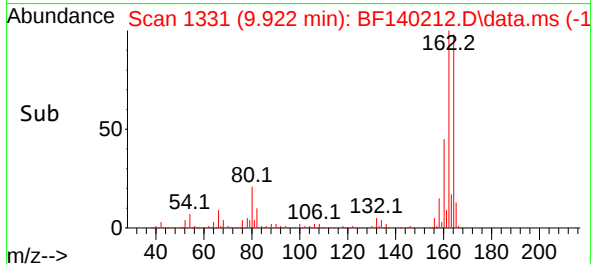
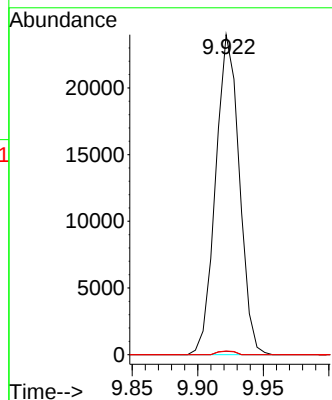
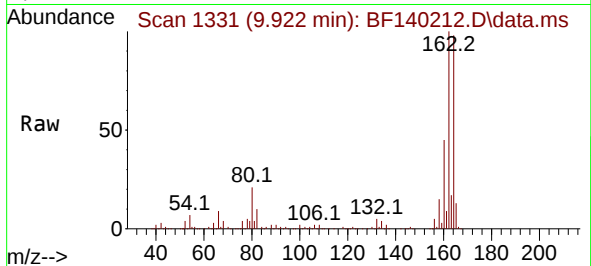




#51
2,6-Dinitrotoluene
Concen: 9.655 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

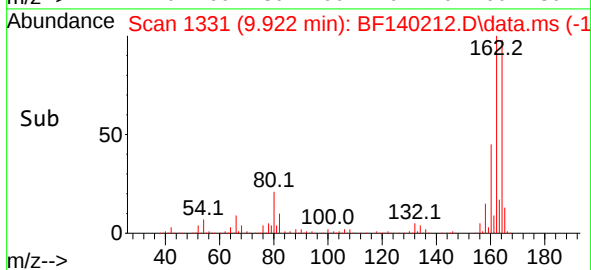
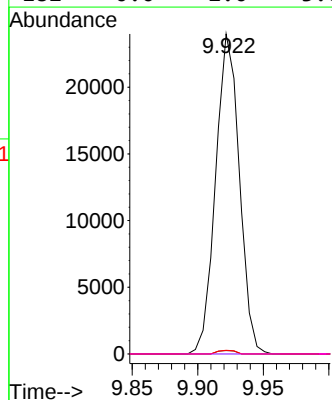
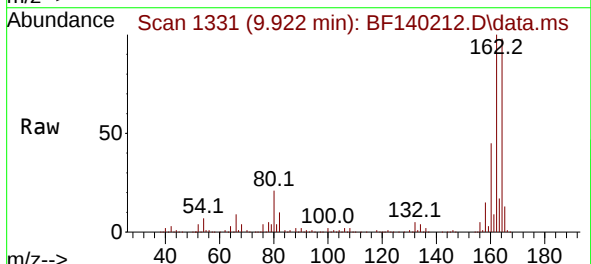
Instrument :
BNA_F
ClientSampleId :

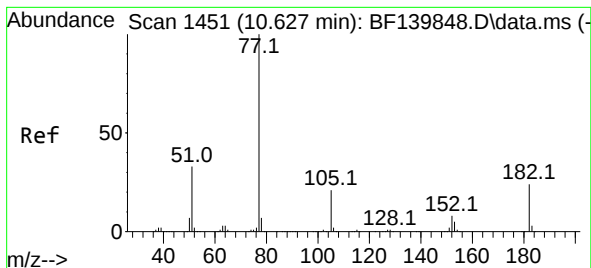
Tgt Ion:165 Resp: 30137
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.852 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion:165 Resp: 30137
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 5.224 ng

RT: 10.639 min Scan# 14

Delta R.T. 0.012 min

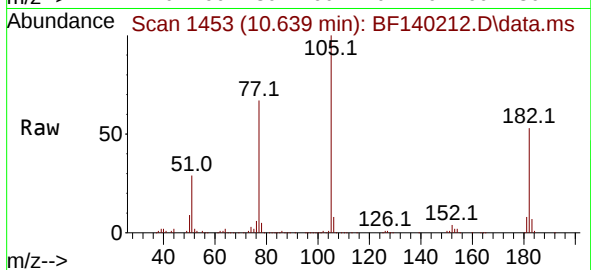
Lab File: BF140212.D

Acq: 01 Nov 2024 15:47

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 78383

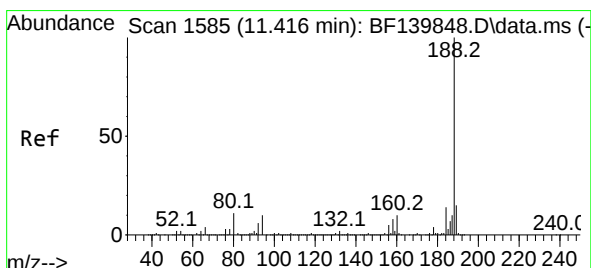
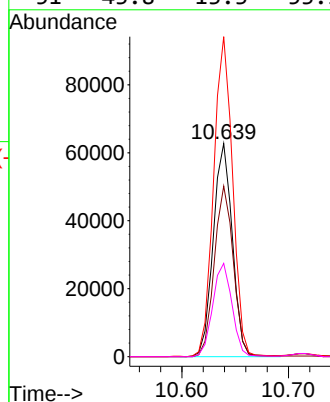
Ion Ratio Lower Upper

77 100

182 80.1 3.3 43.3#

105 150.2 1.2 41.2#

51 43.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140212.D

Acq: 01 Nov 2024 15:47

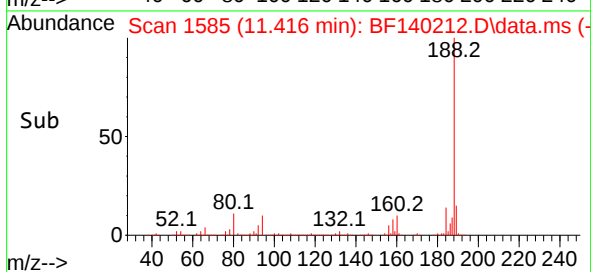
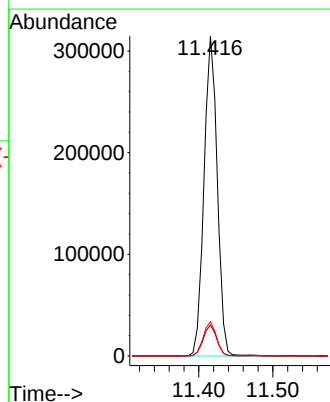
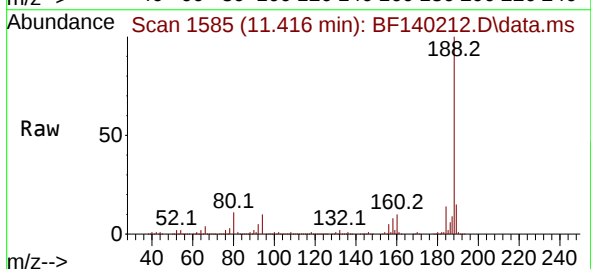
Tgt Ion: 188 Resp: 391644

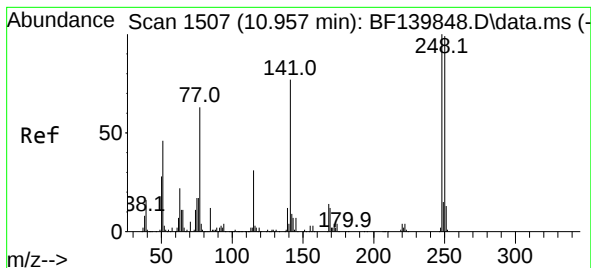
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.7 9.0 13.4

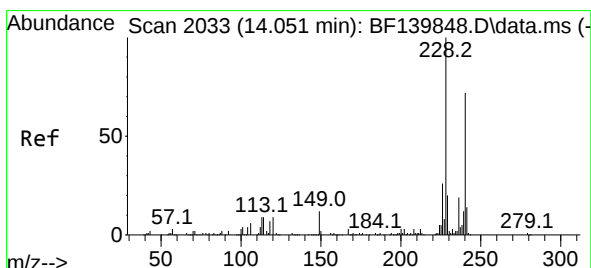
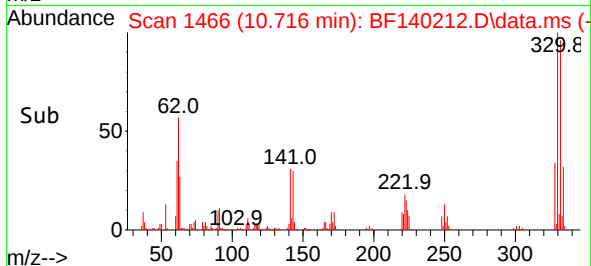
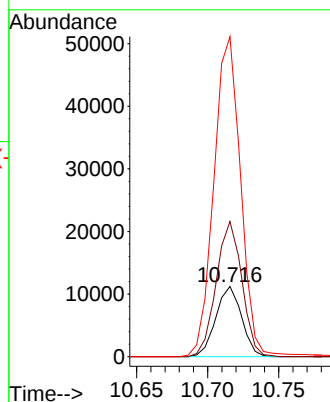
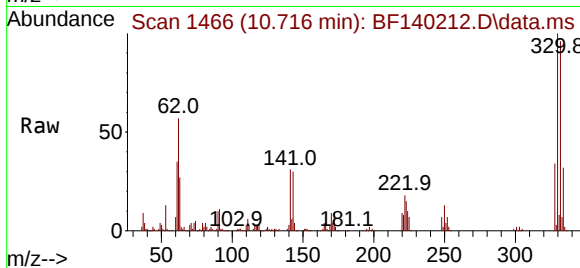




#67
4-Bromophenyl-phenylether
Concen: 3.500 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

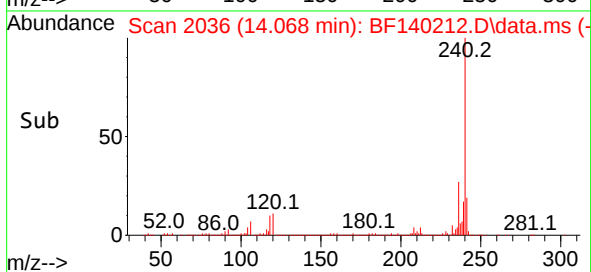
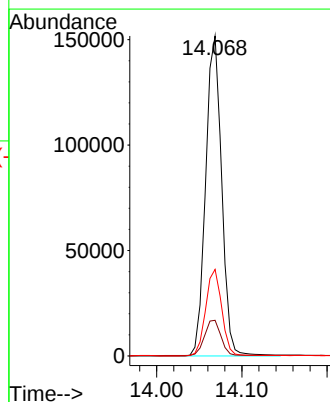
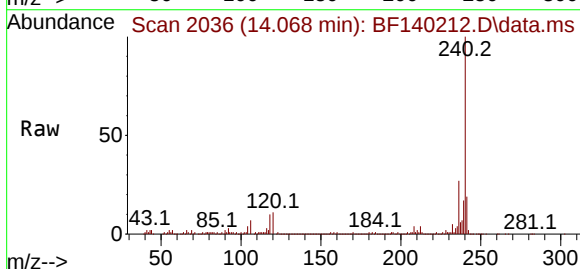
Instrument :
BNA_F
ClientSampleId :

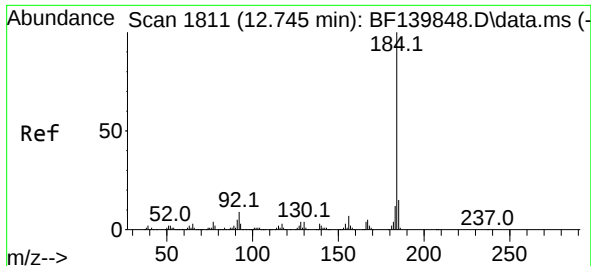
Tgt Ion:248 Resp: 14121
Ion Ratio Lower Upper
248 100
250 192.6 79.0 118.6#
141 455.9 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion:240 Resp: 198159
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 27.0 20.9 31.3

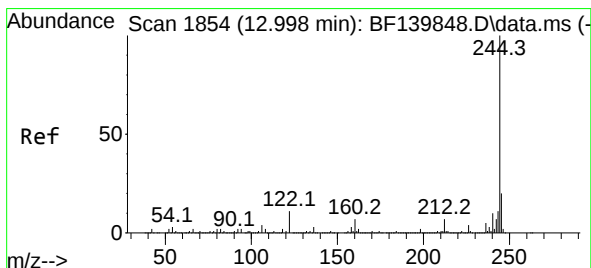
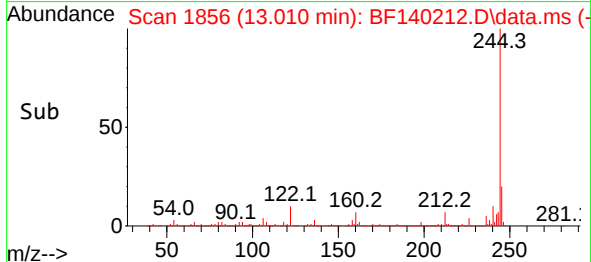
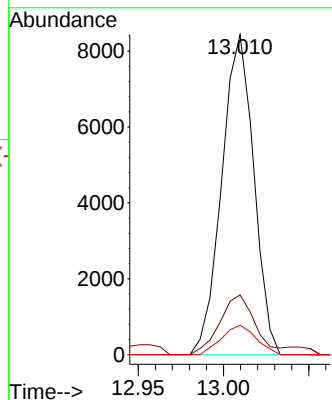
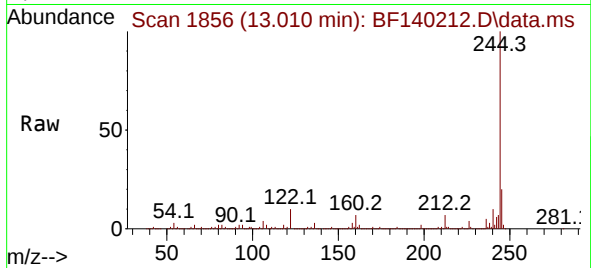




#77
Benzidine
Concen: 3.385 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

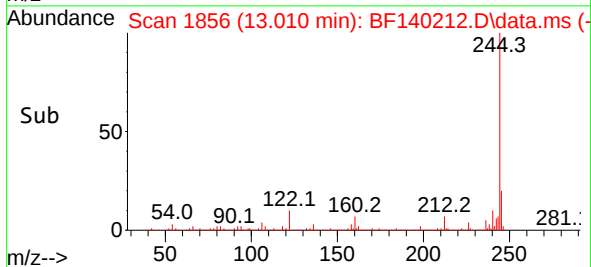
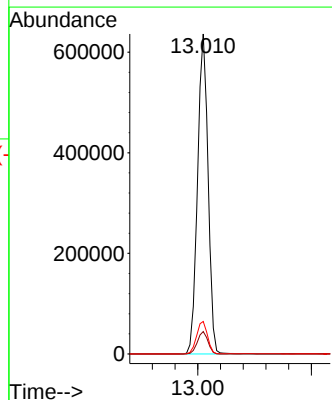
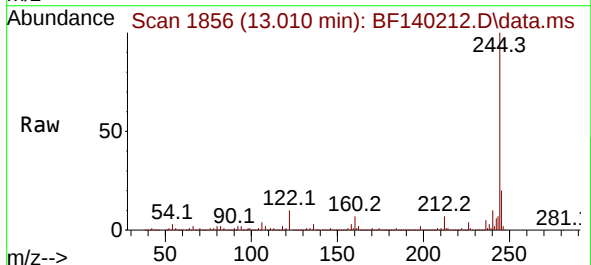
Instrument :
BNA_F
ClientSampleId :

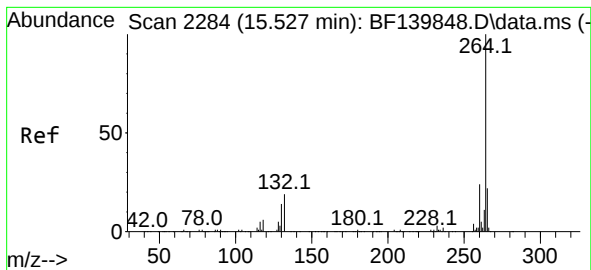
Tgt Ion:184 Resp: 11031
Ion Ratio Lower Upper
184 100
185 18.7 12.0 18.0#
183 9.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.703 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion:244 Resp: 823333
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.2 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.041 min

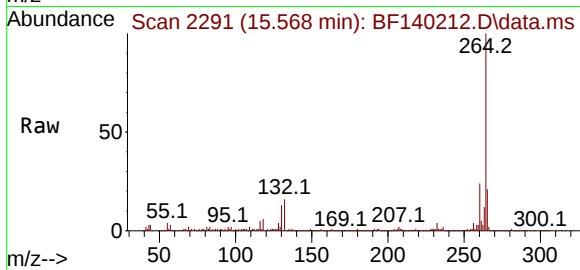
Lab File: BF140212.D

Acq: 01 Nov 2024 15:47

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 221860

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.1 17.4 26.0

