

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140061.D
 Acq On : 26 Oct 2024 15:51
 Operator : RC/JU
 Sample : P4487-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B27

Quant Time: Oct 28 01:08:26 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)

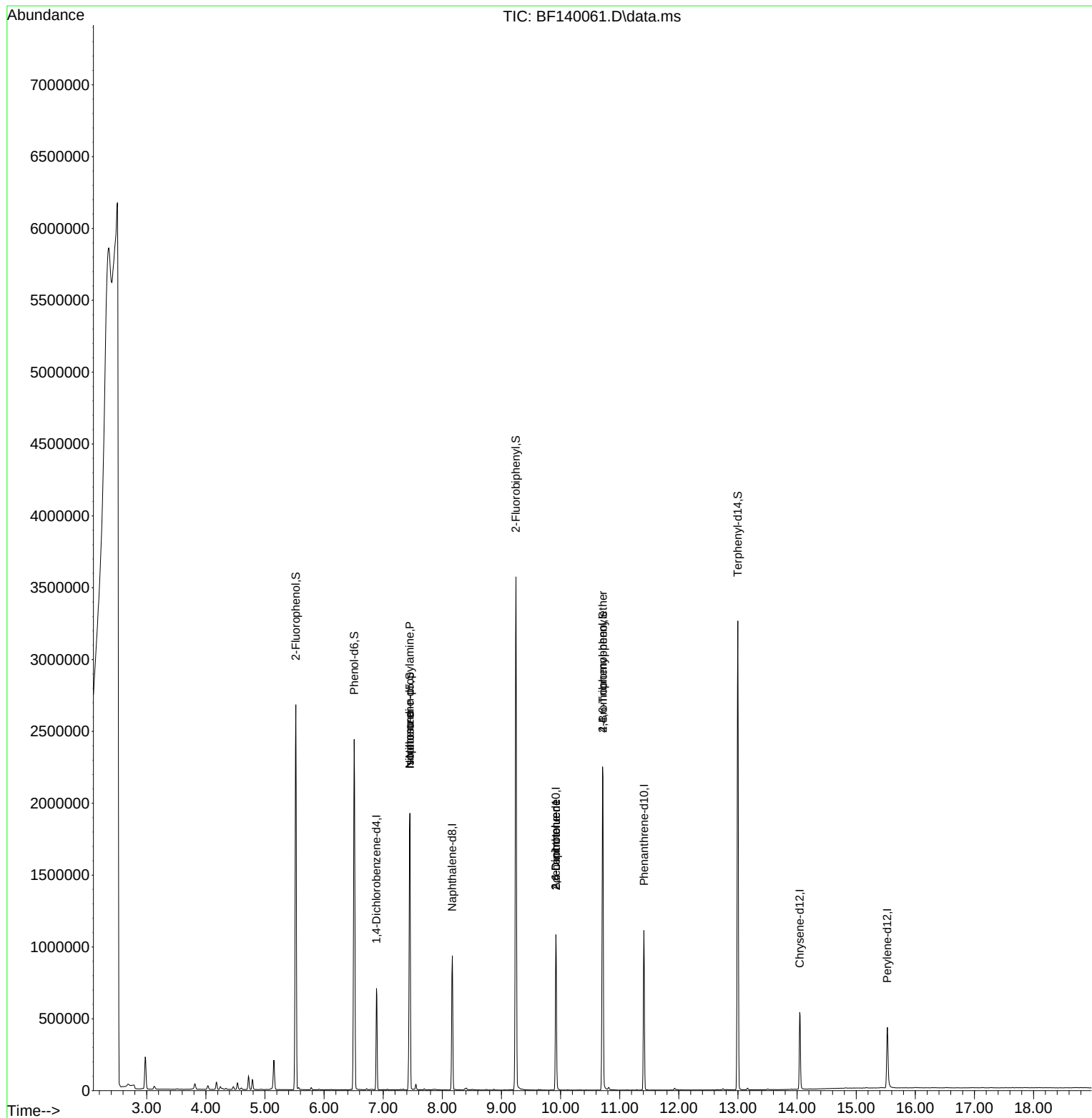
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	144888	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	567280	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	330727	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	578955	20.000	ng	0.00
76) Chrysene-d12	14.045	240	272277	20.000	ng	0.00
86) Perylene-d12	15.527	264	288234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1047721	113.204	ng	0.02
7) Phenol-d6	6.510	99	1231905	102.771	ng	0.00
23) Nitrobenzene-d5	7.451	82	933454	91.199	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	431882	139.609	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1691645	84.534	ng	0.00
79) Terphenyl-d14	12.998	244	1695577	101.474	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	127360	17.519	ng	# 75
25) Isophorone	7.451	82	928188	47.779	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	43362	9.722	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	43362	7.905	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	27547	4.619	ng	# 1

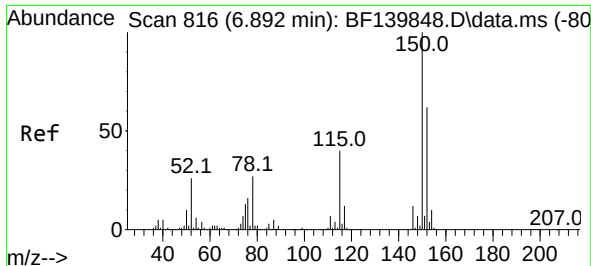
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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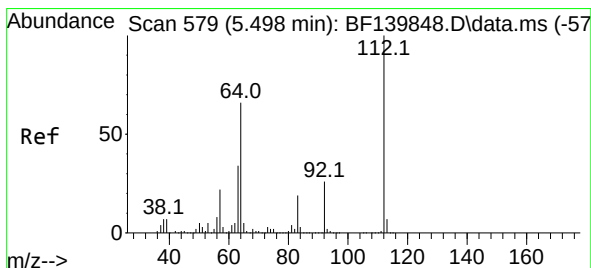
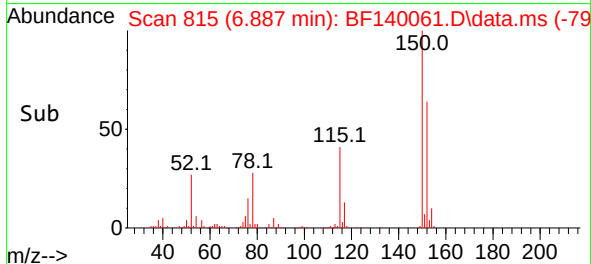
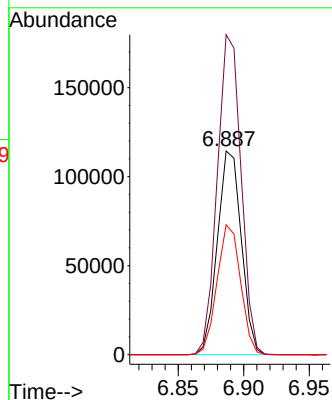
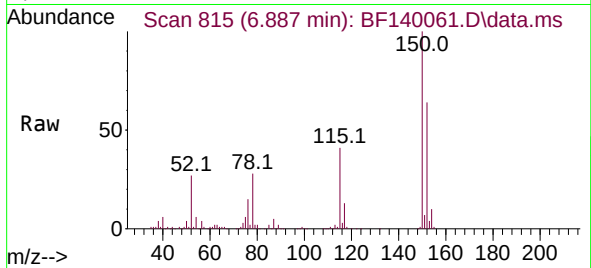




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.005 min
 Lab File: BF140061.D
 Acq: 26 Oct 2024 15:51

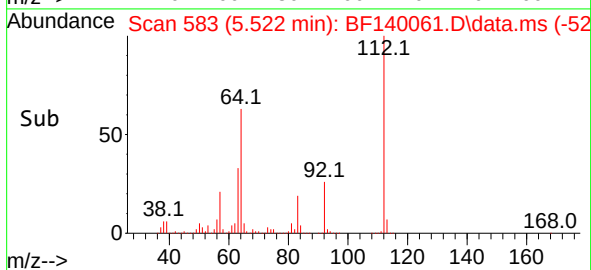
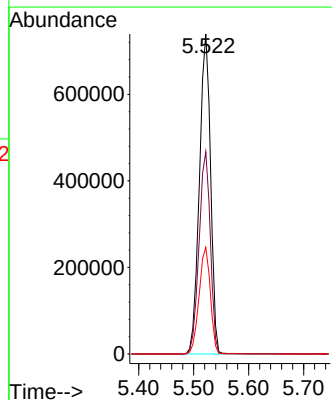
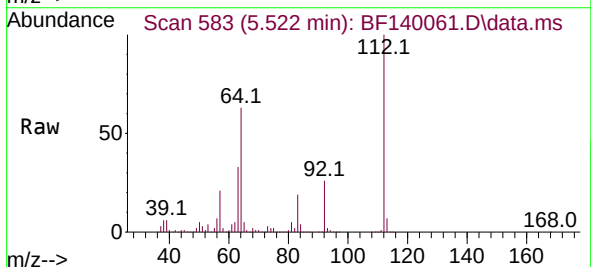
Instrument :
 BNA_F
 ClientSampleId :
 BP-B27

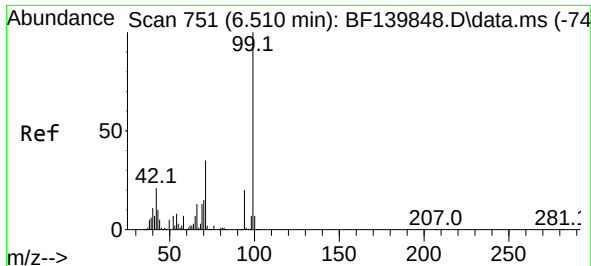
Tgt Ion:152 Resp: 144888
 Ion Ratio Lower Upper
 152 100
 150 157.1 130.2 195.2
 115 63.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 113.204 ng
 RT: 5.522 min Scan# 583
 Delta R.T. 0.024 min
 Lab File: BF140061.D
 Acq: 26 Oct 2024 15:51

Tgt Ion:112 Resp: 1047721
 Ion Ratio Lower Upper
 112 100
 64 63.2 53.0 79.6
 63 33.3 27.0 40.4

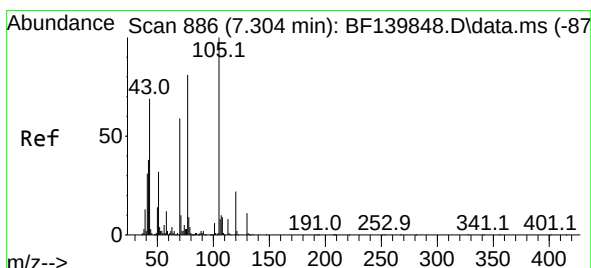
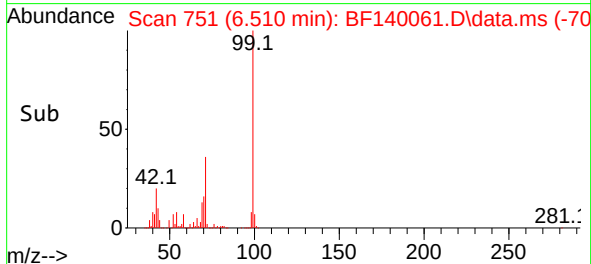
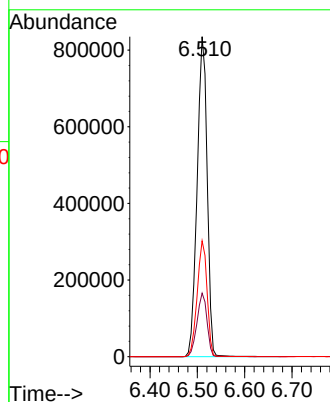
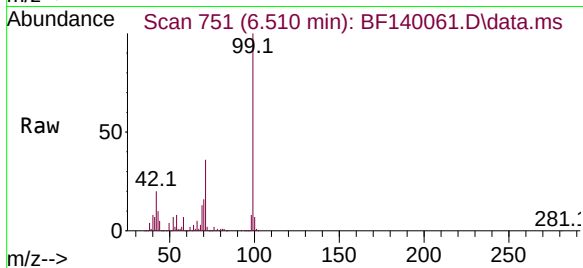




#7
Phenol-d6
Concen: 102.771 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

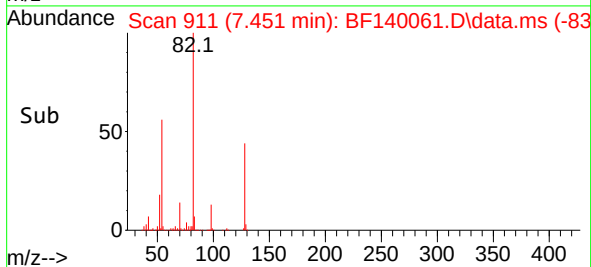
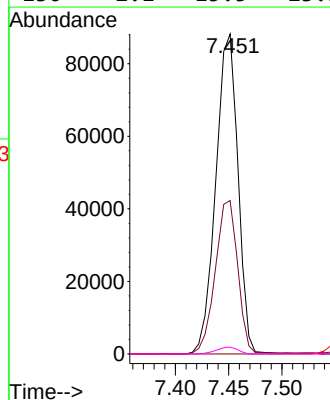
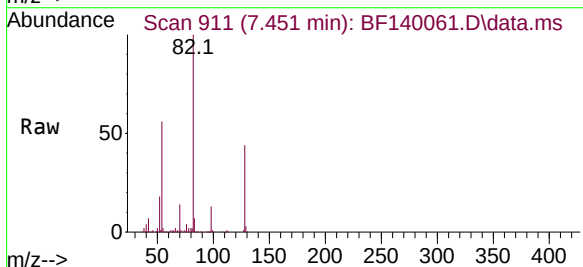
Instrument :
BNA_F
ClientSampleId :
BP-B27

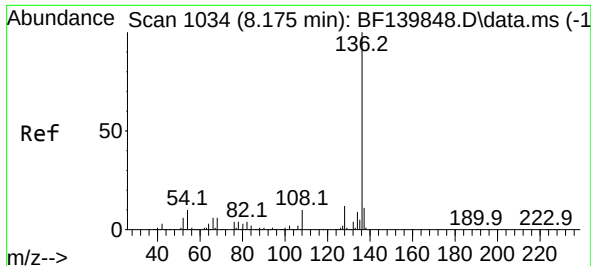
Tgt Ion: 99 Resp: 1231905
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 36.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.519 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion: 70 Resp: 127360
Ion Ratio Lower Upper
70 100
42 48.0 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



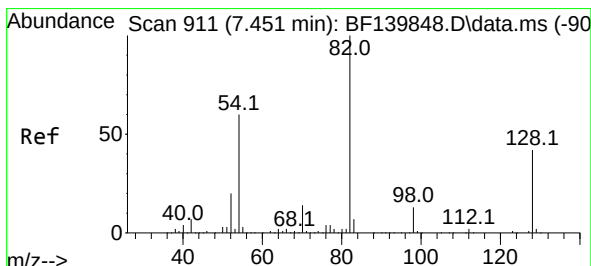
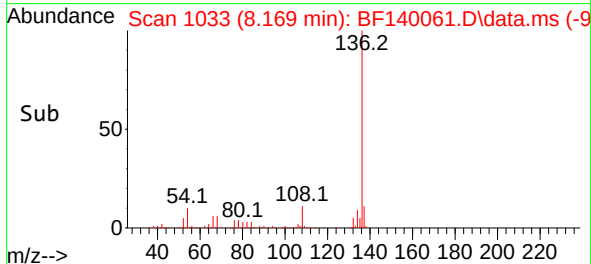
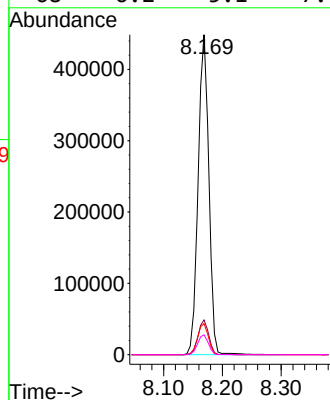
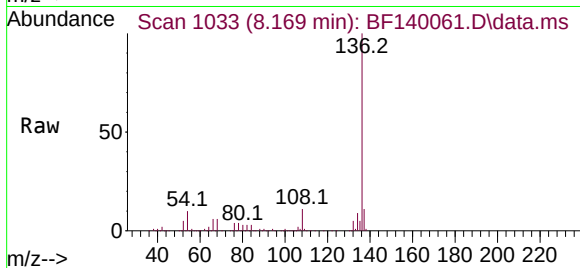


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Instrument :
BNA_F
ClientSampleId :
BP-B27

Tgt Ion:136 Resp: 567280

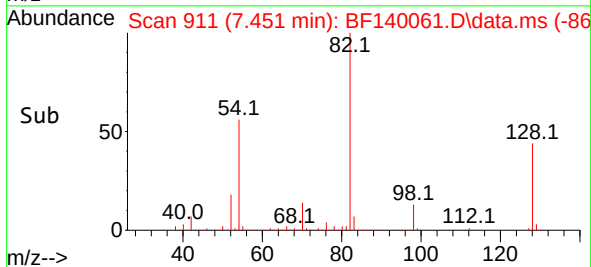
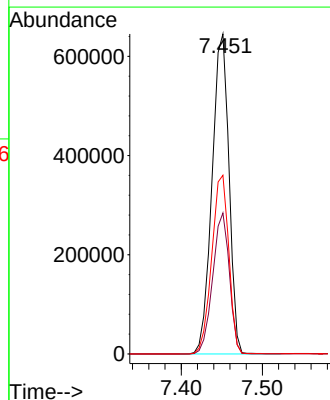
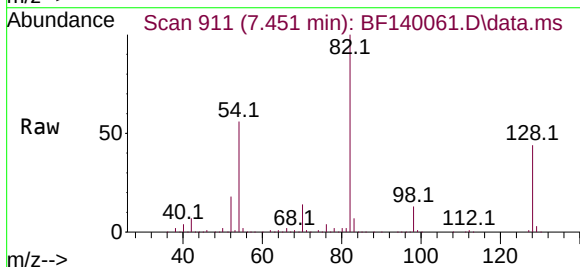
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	6.2	5.1	7.7

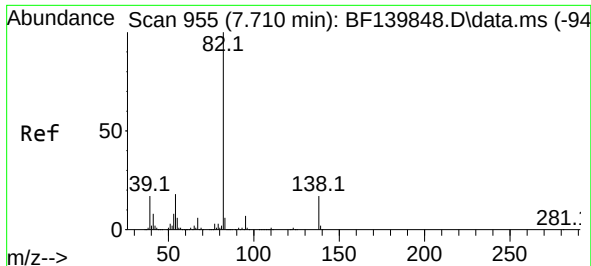


#23
Nitrobenzene-d5
Concen: 91.199 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion: 82 Resp: 933454

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.4	50.0
54	55.8	47.8	71.8

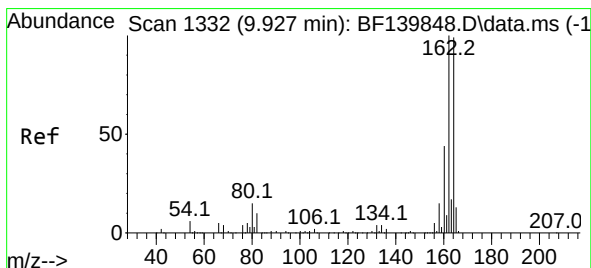
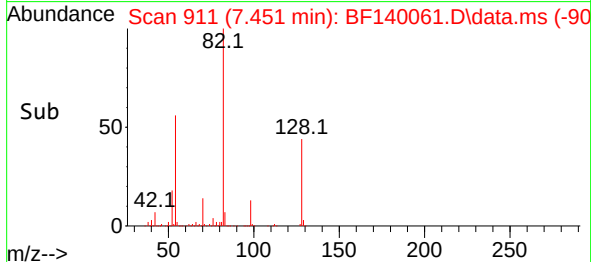
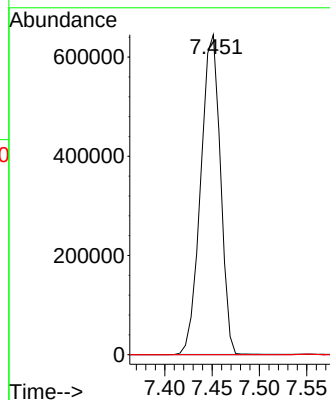
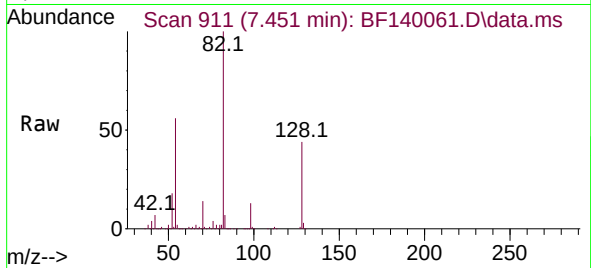




#25
Isophorone
Concen: 47.779 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

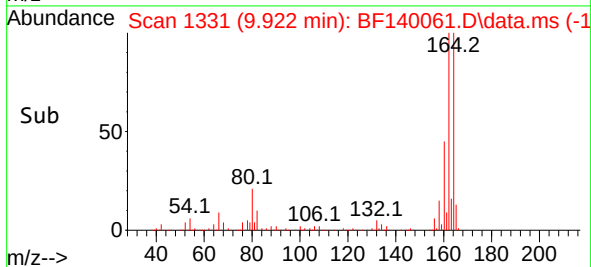
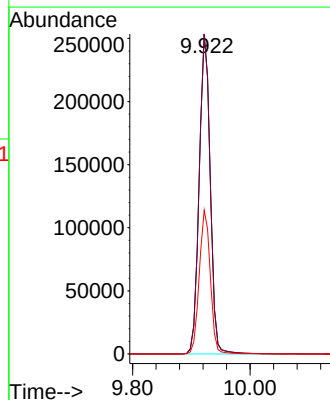
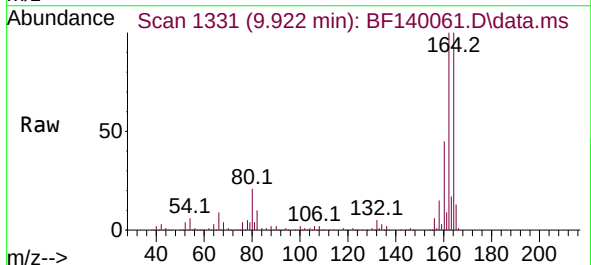
Instrument :
BNA_F
ClientSampleId :
BP-B27

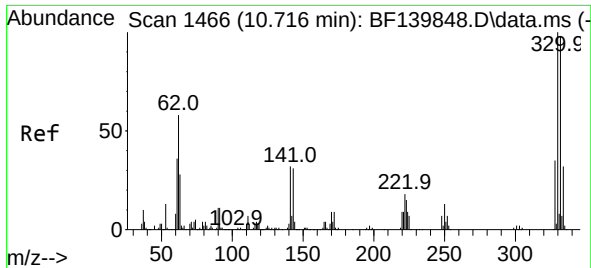
Tgt Ion: 82 Resp: 928188
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion:164 Resp: 330727
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.9 35.4 53.0

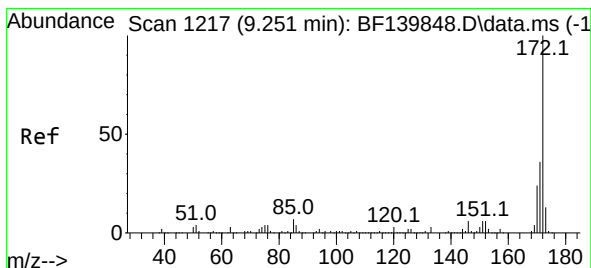
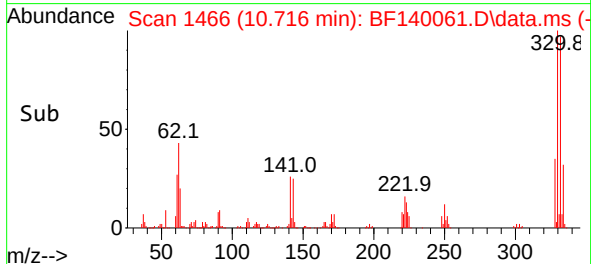
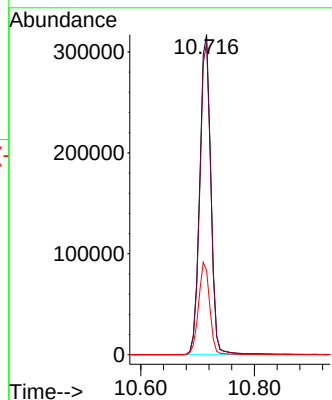
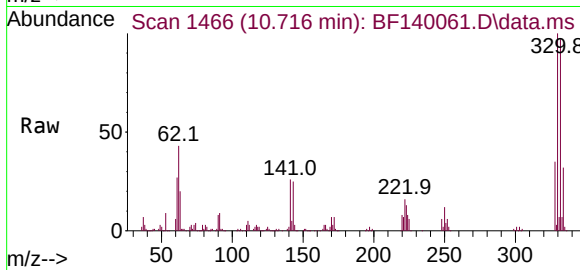




#42
2,4,6-Tribromophenol
Concen: 139.609 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

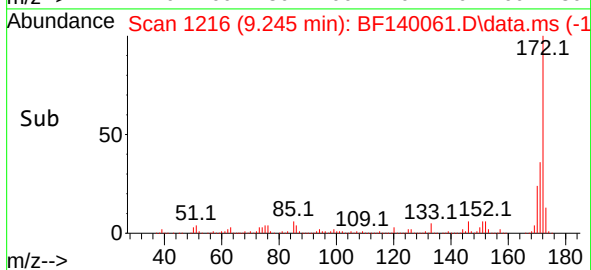
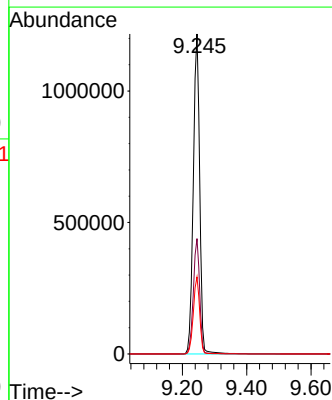
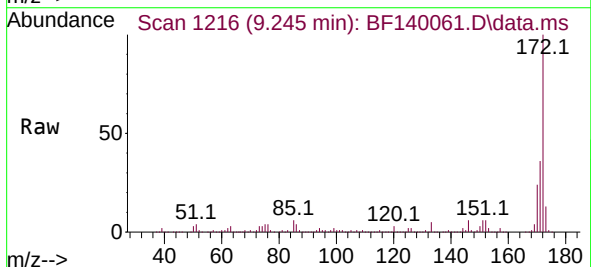
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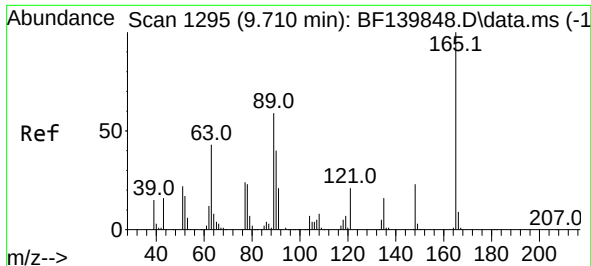
Tgt Ion: 330 Resp: 431882
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 29.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 84.534 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion: 172 Resp: 1691645
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.1 19.1 28.7

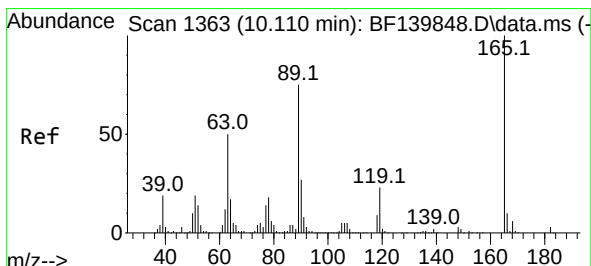
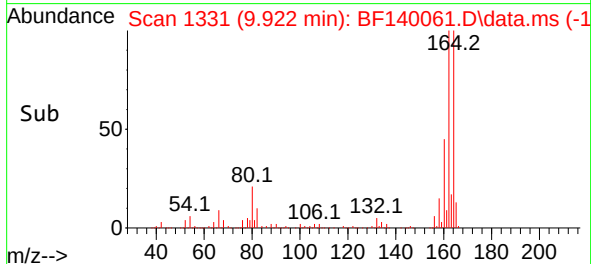
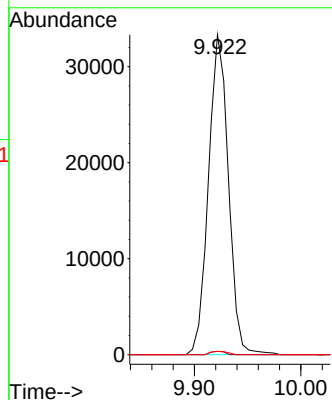
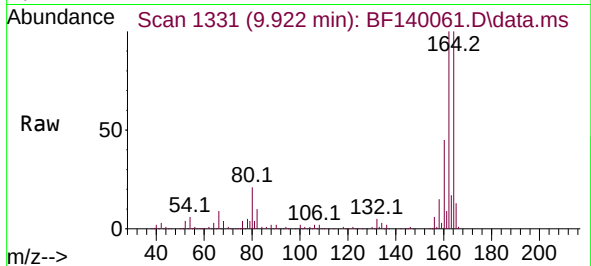




#51
2,6-Dinitrotoluene
Concen: 9.722 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

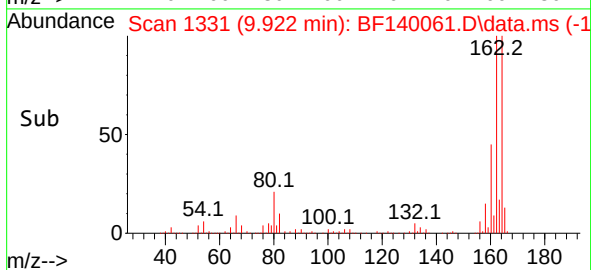
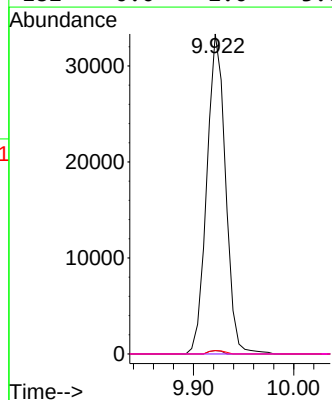
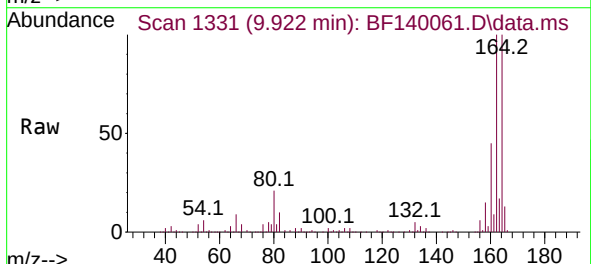
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BP-B27

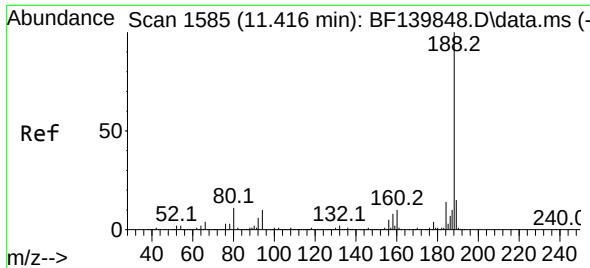
Tgt Ion:165 Resp: 43362
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.905 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion:165 Resp: 43362
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

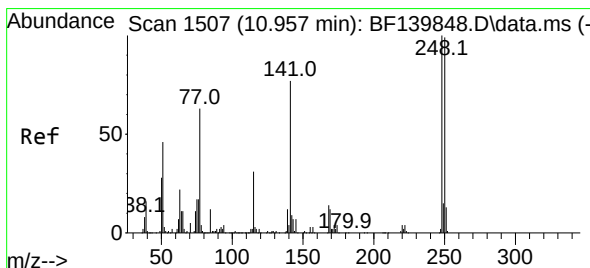
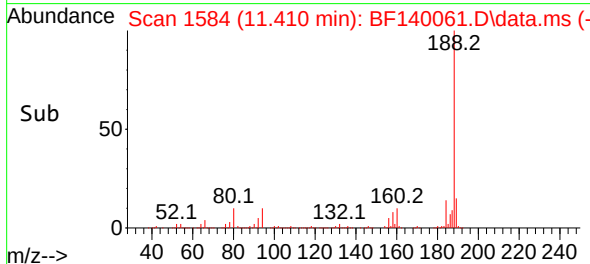
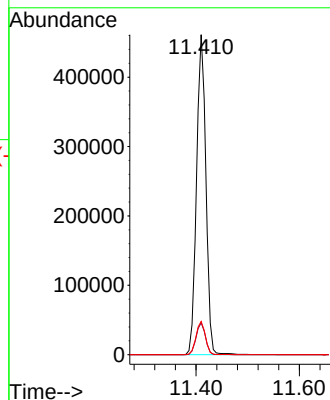
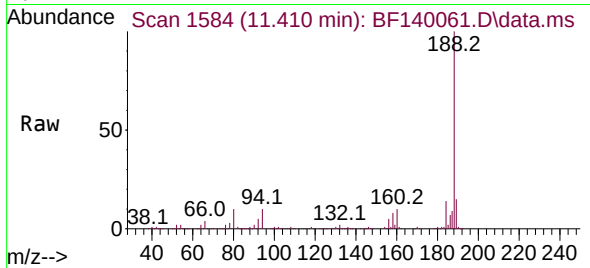




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

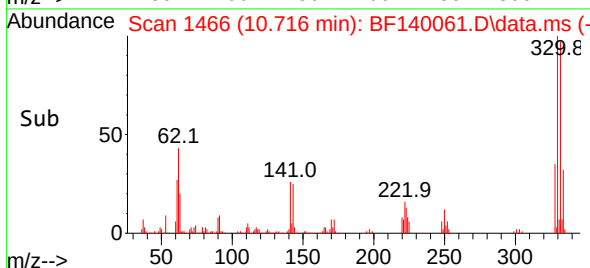
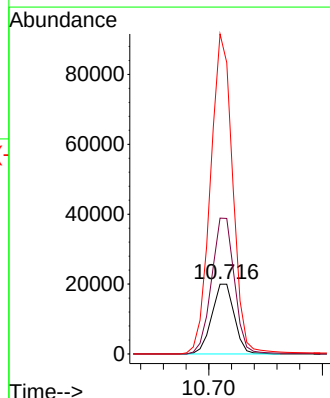
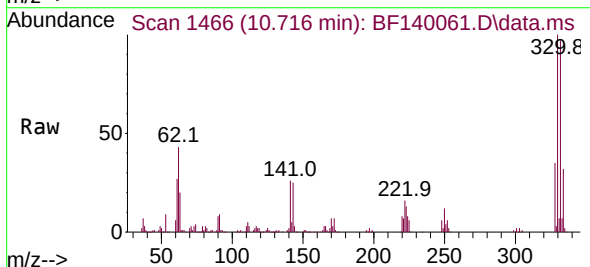
Instrument :
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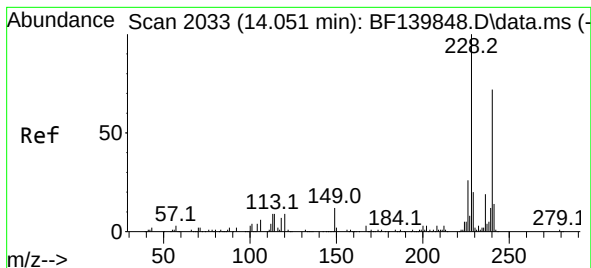
Tgt Ion:188 Resp: 578955
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.4 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.619 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion:248 Resp: 27547
Ion Ratio Lower Upper
248 100
250 194.2 79.0 118.6#
141 417.5 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140061.D

Acq: 26 Oct 2024 15:51

Instrument :

BNA_F

ClientSampleId :

BP-B27

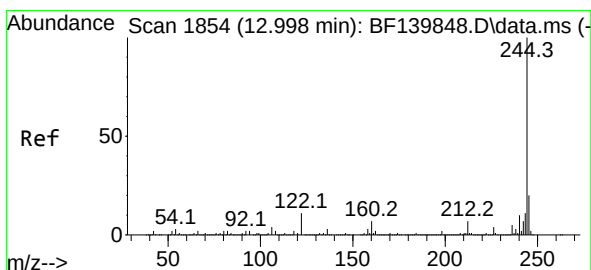
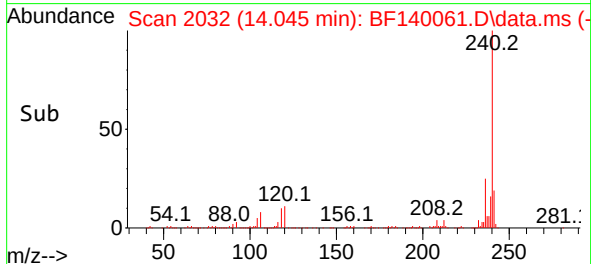
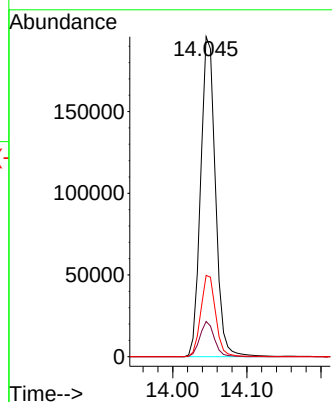
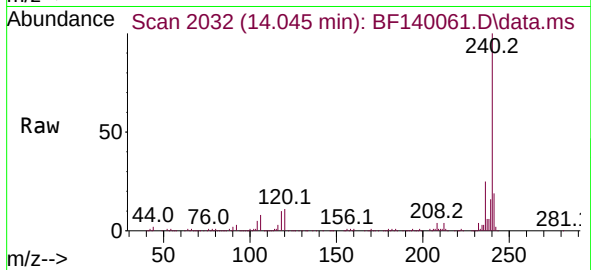
Tgt Ion:240 Resp: 272277

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 101.474 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140061.D

Acq: 26 Oct 2024 15:51

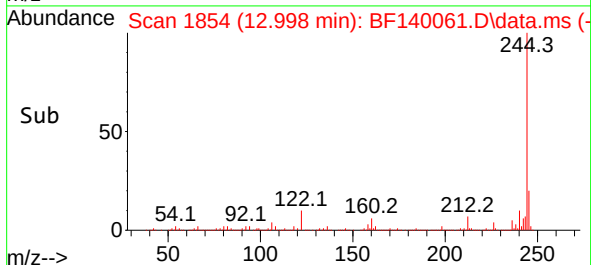
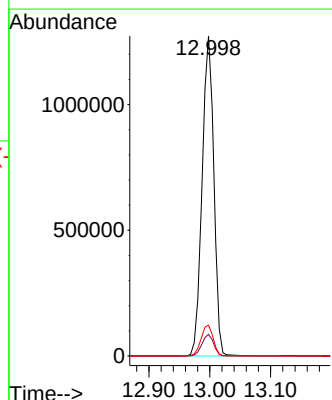
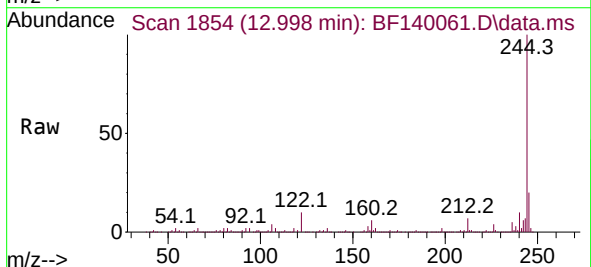
Tgt Ion:244 Resp: 1695577

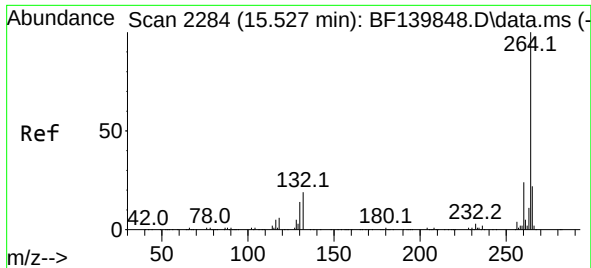
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.7 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Instrument :
BNA_F
ClientSampleId :
BP-B27

Tgt Ion:264 Resp: 288234
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.1 17.4 26.0

