

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139316.D
 Acq On : 11 Sep 2024 10:50
 Operator : RC/JU
 Sample : PB163259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163259BL

Quant Time: Sep 11 11:21:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

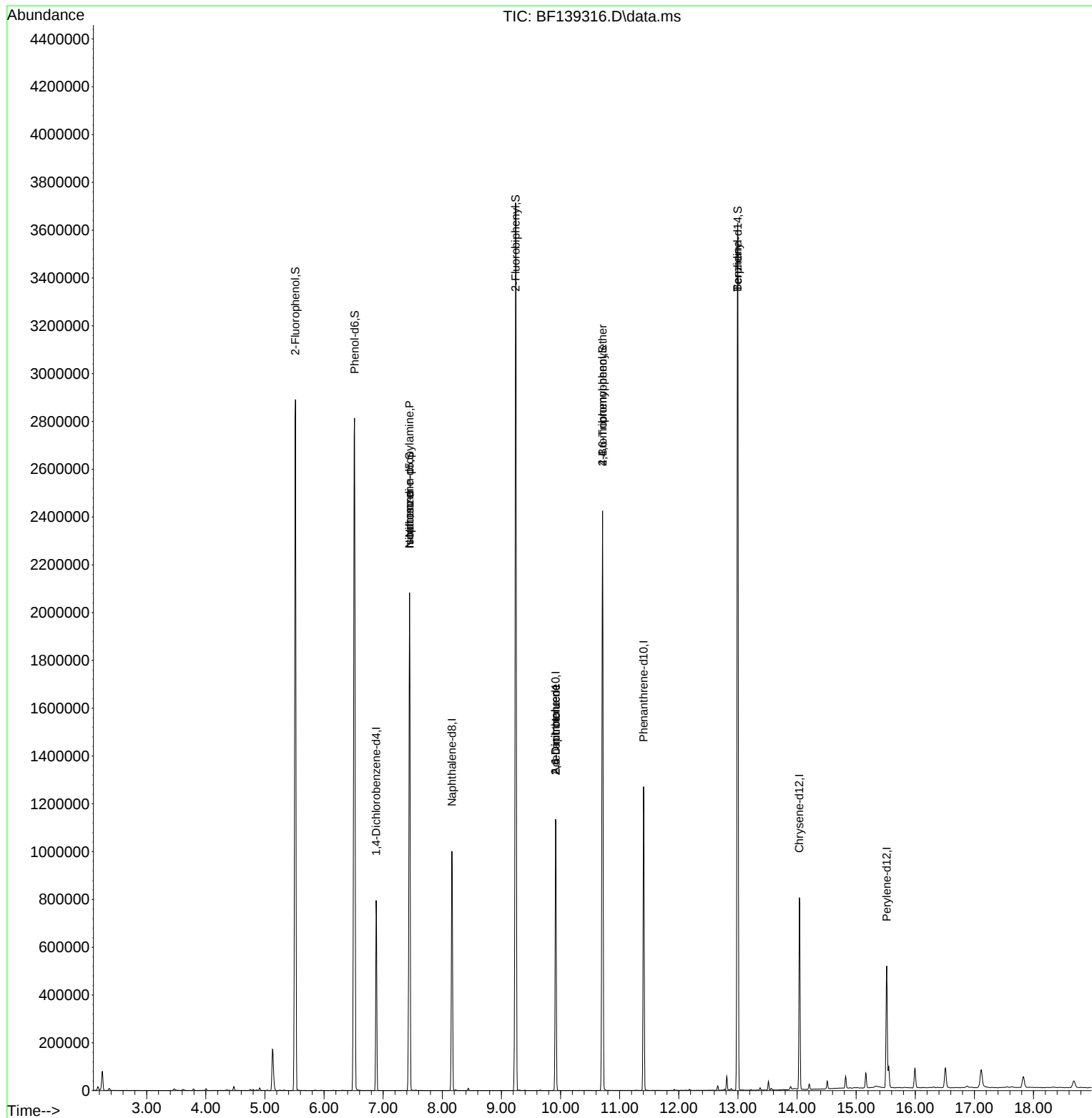
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	158149	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	614090	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	347302	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	670210	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	379688	20.000	ng	-0.01
86) Perylene-d12	15.515	264	295182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1108138	117.217	ng	0.01
7) Phenol-d6	6.516	99	1465337	116.107	ng	0.00
23) Nitrobenzene-d5	7.445	82	972011	82.344	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	390015	130.048	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1773468	78.825	ng	-0.01
79) Terphenyl-d14	12.998	244	1908741	81.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	135026	18.576	ng	# 74
25) Isophorone	7.445	82	970331	48.081	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	44012	9.216	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	44012	7.241	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	27379	4.210	ng	# 1
77) Benzidine	12.992	184	25764	3.370	ng	# 91

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

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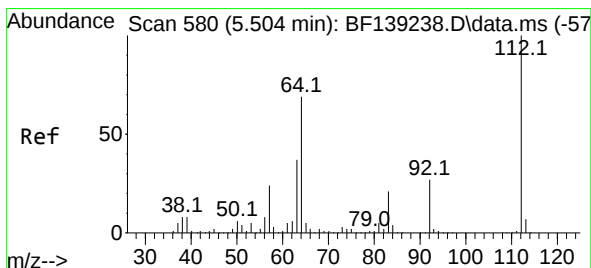
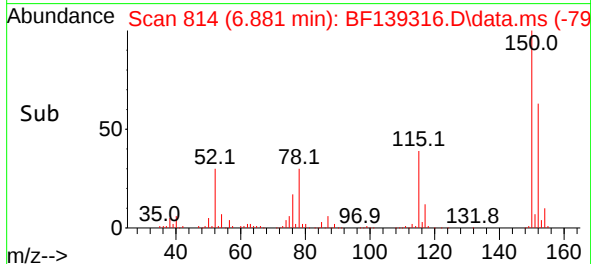
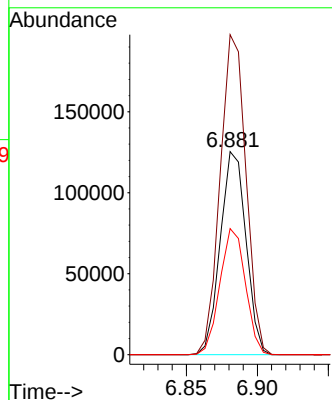
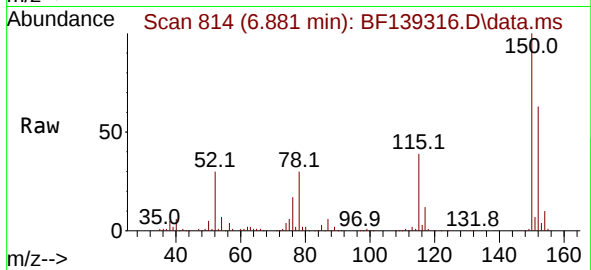




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

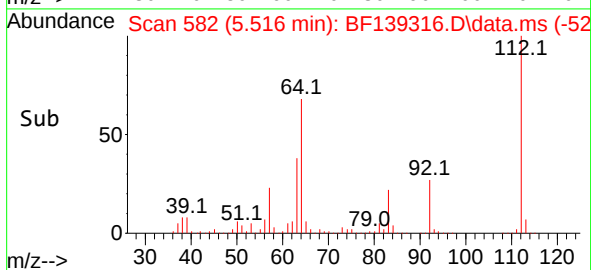
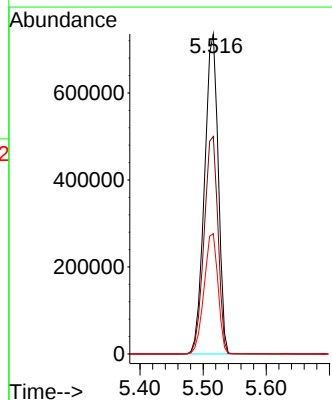
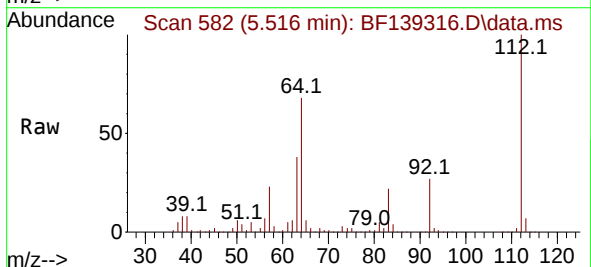
Instrument :
BNA_F
ClientSampleId :
PB163259BL

Tgt Ion:152 Resp: 158149
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.4
115 62.1 46.9 70.3



#5
2-Fluorophenol
Concen: 117.217 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion:112 Resp: 1108138
Ion Ratio Lower Upper
112 100
64 68.0 55.0 82.4
63 37.6 29.9 44.9



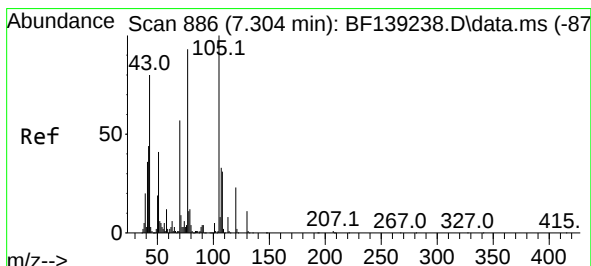
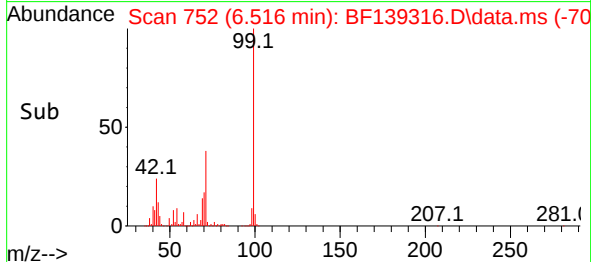
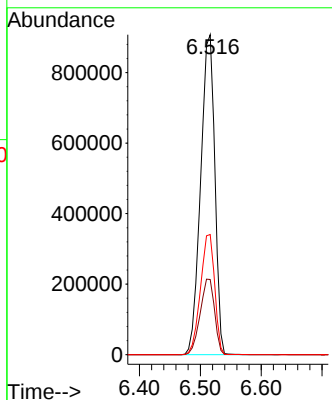
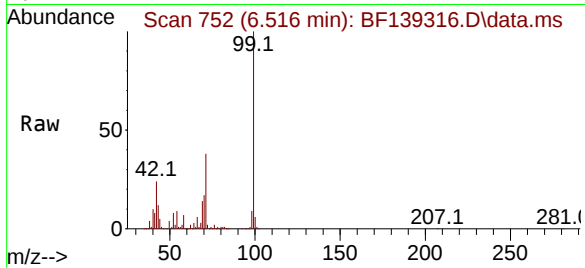


#7
Phenol-d6
Concen: 116.107 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB163259BL

Tgt Ion: 99 Resp: 1465337

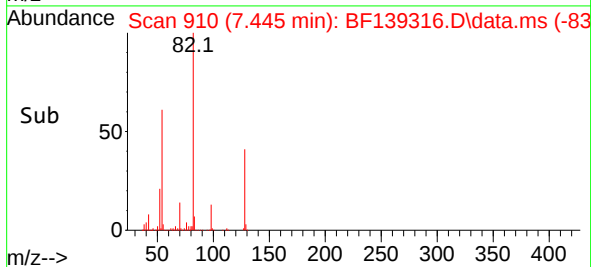
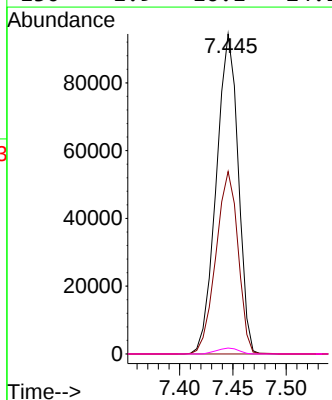
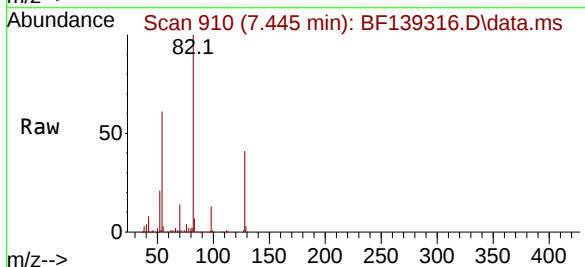
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.8	29.6
71	37.6	28.8	43.2

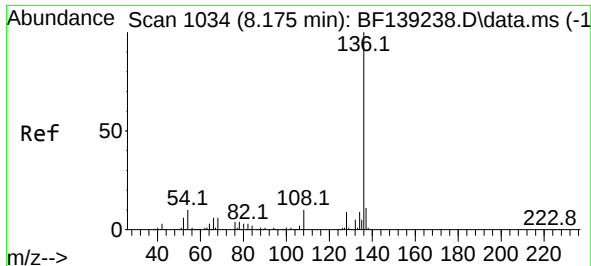


#19
n-Nitroso-di-n-propylamine
Concen: 18.576 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion: 70 Resp: 135026

Ion	Ratio	Lower	Upper
70	100		
42	57.0	61.0	91.6#
101	0.0	7.2	10.8#
130	1.9	16.1	24.1#



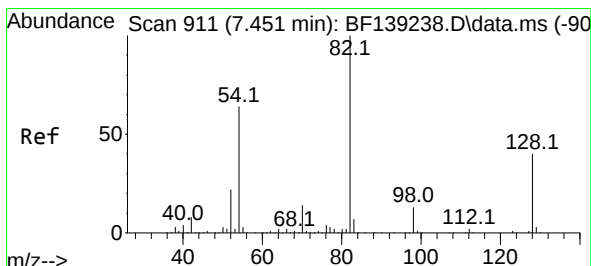
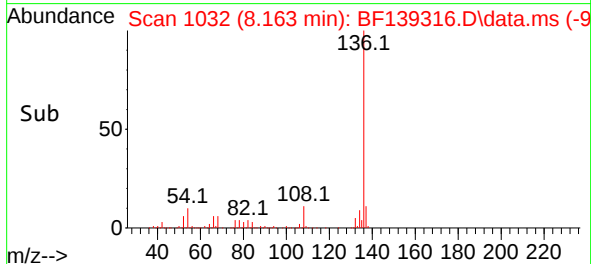
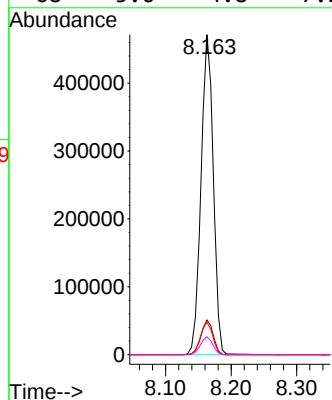
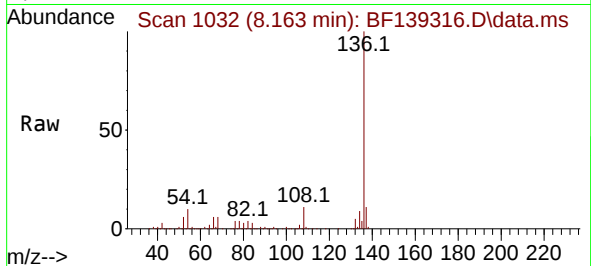


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB163259BL

Tgt Ion:136 Resp: 614090

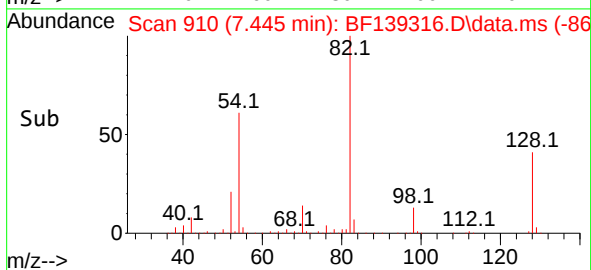
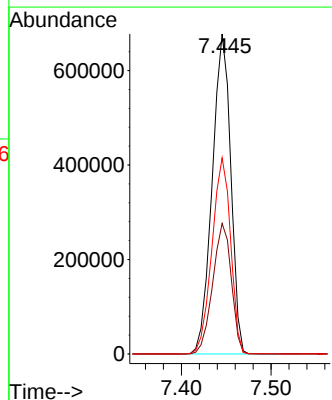
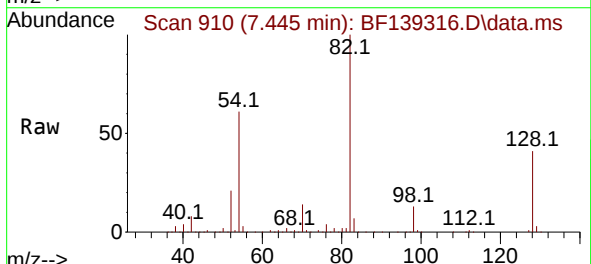
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.4	12.6
68	5.6	4.8	7.2

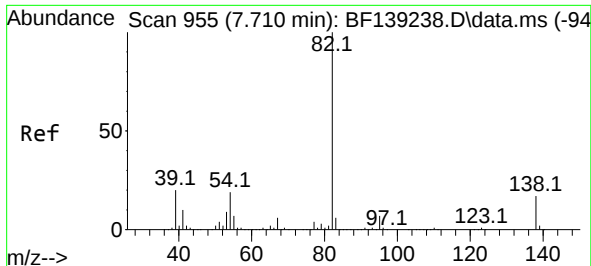


#23
Nitrobenzene-d5
Concen: 82.344 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion: 82 Resp: 972011

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.3	48.5
54	61.3	51.2	76.8

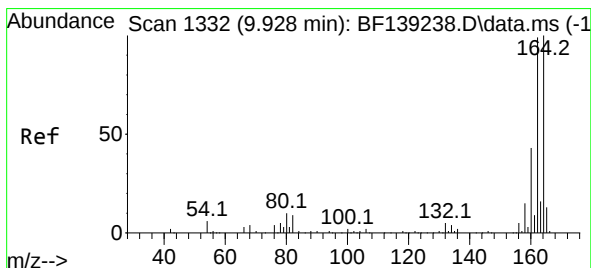
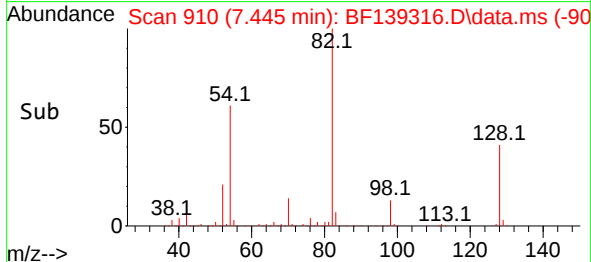
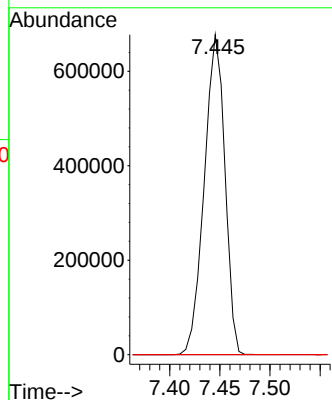
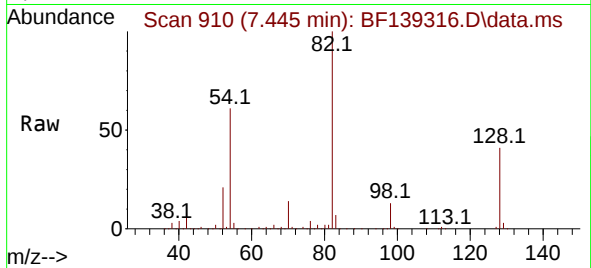




#25
Isophorone
Concen: 48.081 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

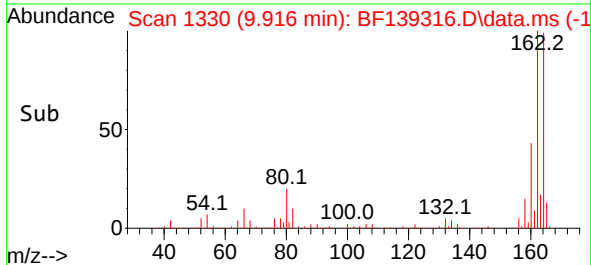
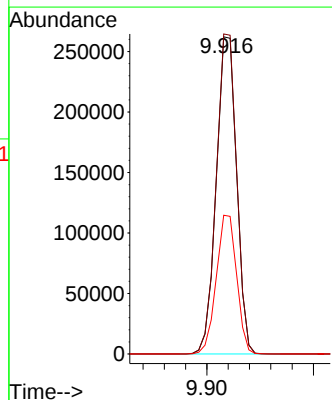
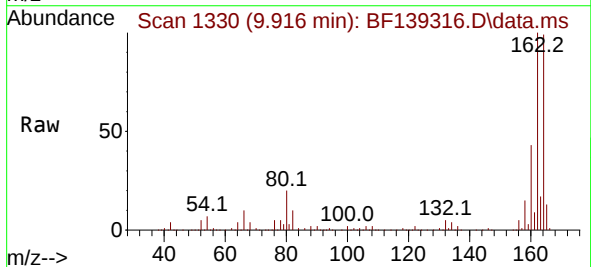
Instrument :
BNA_F
ClientSampleId :
PB163259BL

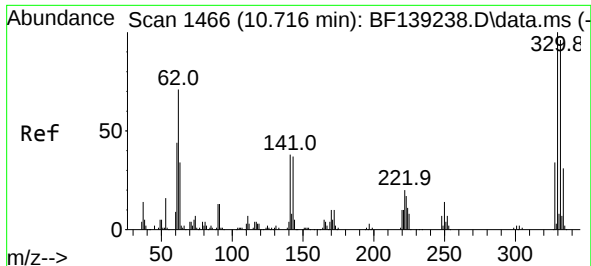
Tgt Ion: 82 Resp: 970331
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

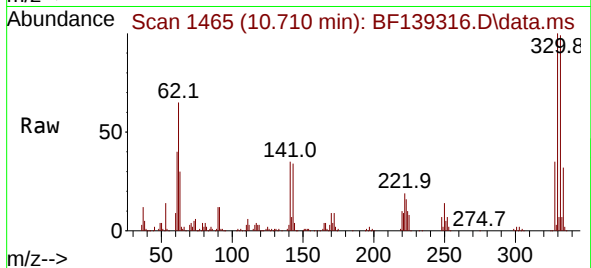
Tgt Ion:164 Resp: 347302
Ion Ratio Lower Upper
164 100
162 100.9 79.2 118.8
160 43.7 34.2 51.2



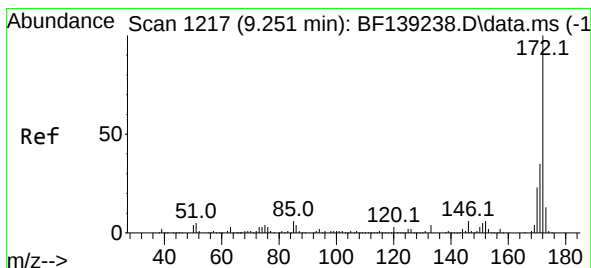
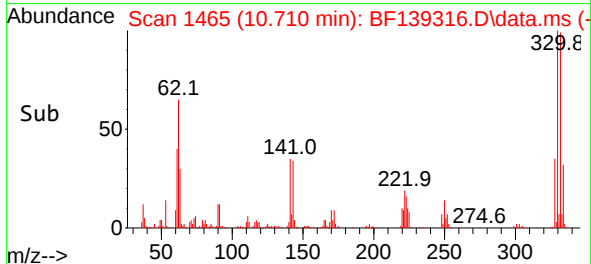
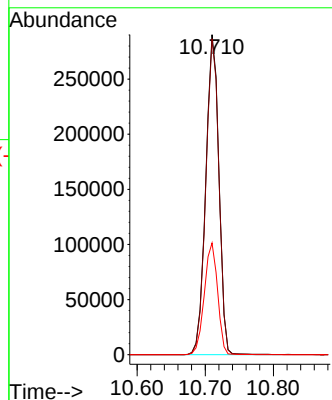


#42
2,4,6-Tribromophenol
Concen: 130.048 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB163259BL

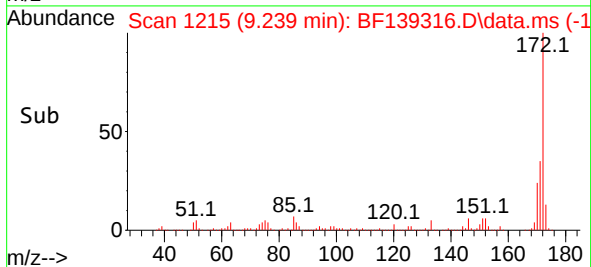
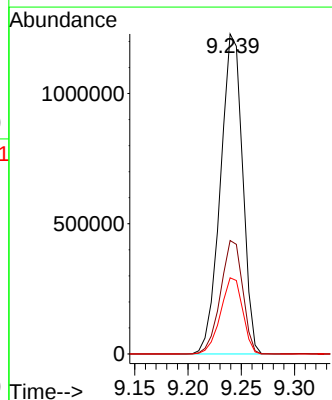
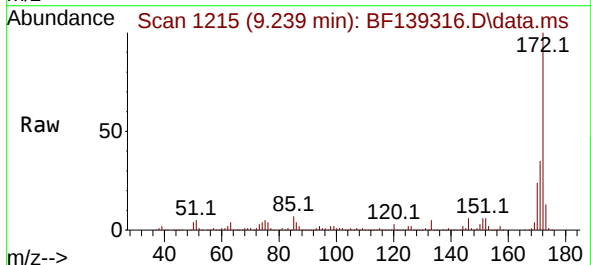


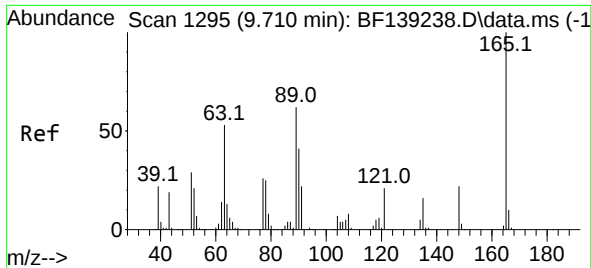
Tgt Ion:330 Resp: 390015
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 35.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 78.825 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion:172 Resp: 1773468
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 18.7 28.1

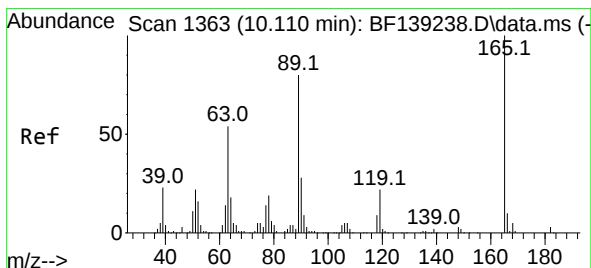
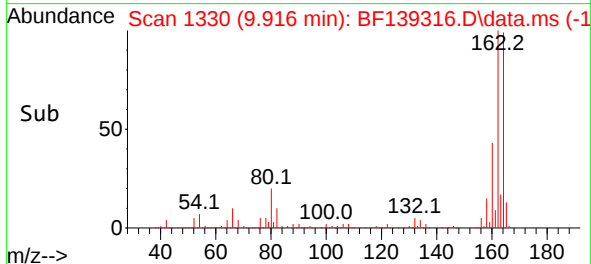
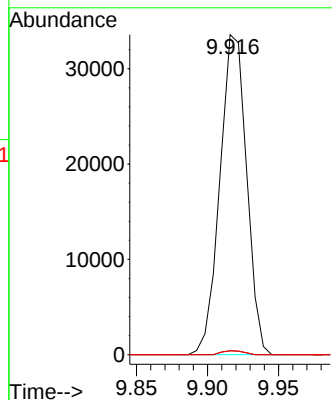
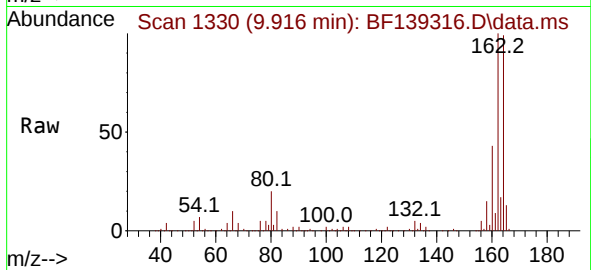




#51
2,6-Dinitrotoluene
Concen: 9.216 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

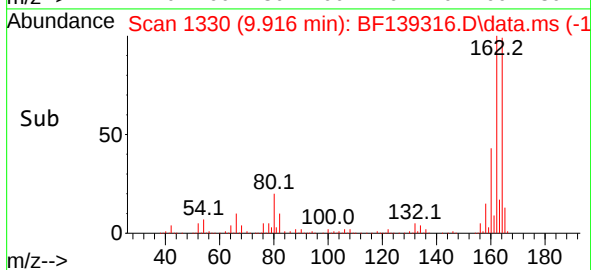
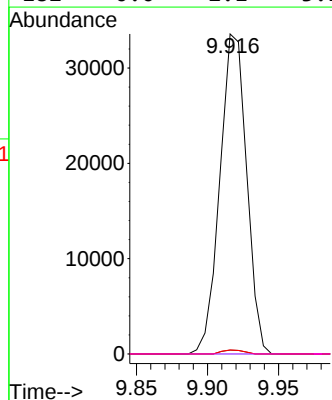
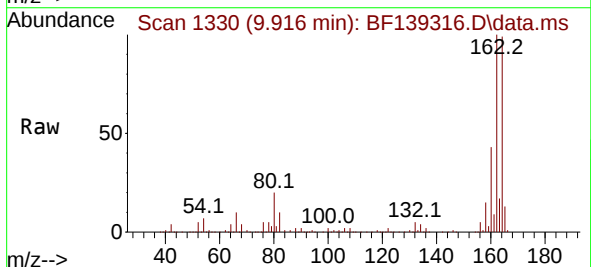
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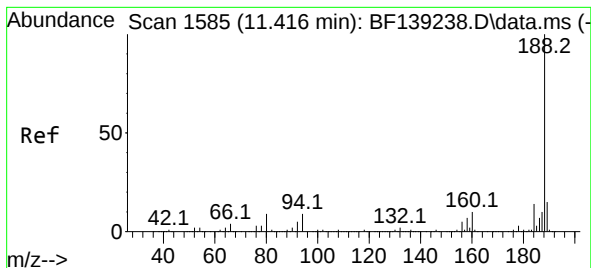
Tgt Ion:165 Resp: 44012
Ion Ratio Lower Upper
165 100
63 1.2 56.1 84.1#
89 1.2 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.241 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF139316.D
Acq: 11 Sep 2024 10:50

Tgt Ion:165 Resp: 44012
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.2 64.2 96.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139316.D

Acq: 11 Sep 2024 10:50

Instrument :

BNA_F

ClientSampleId :

PB163259BL

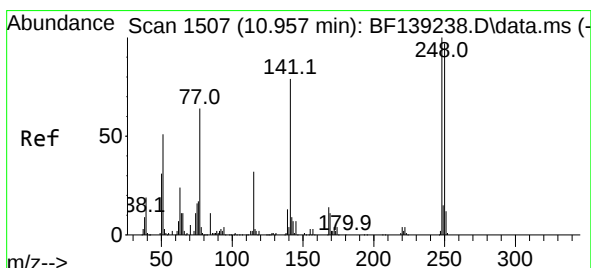
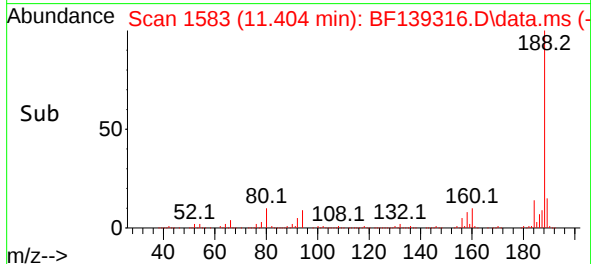
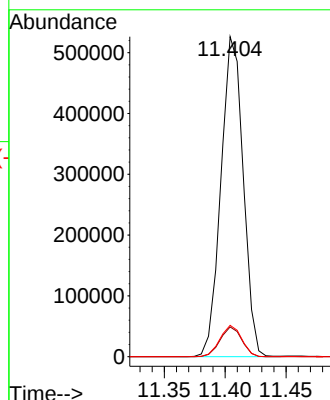
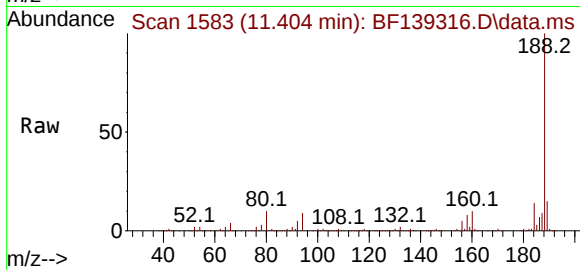
Tgt Ion:188 Resp: 670210

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 9.8 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.210 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139316.D

Acq: 11 Sep 2024 10:50

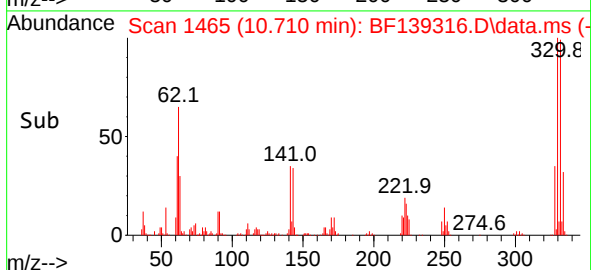
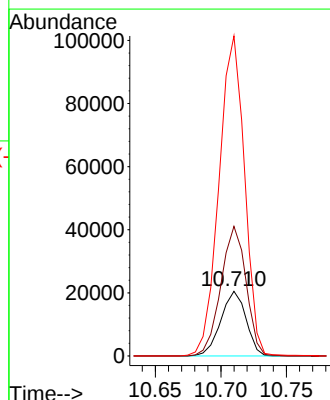
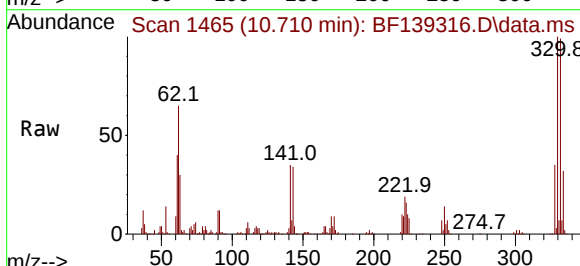
Tgt Ion:248 Resp: 27379

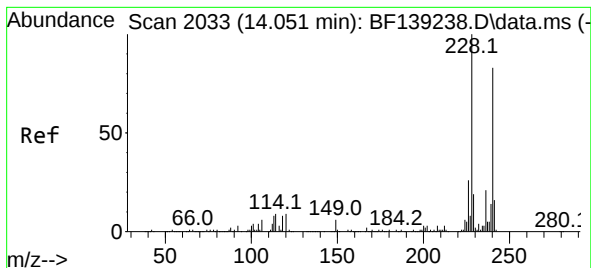
Ion Ratio Lower Upper

248 100

250 200.5 77.2 115.8#

141 494.9 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139316.D

Acq: 11 Sep 2024 10:50

Instrument :

BNA_F

ClientSampleId :

PB163259BL

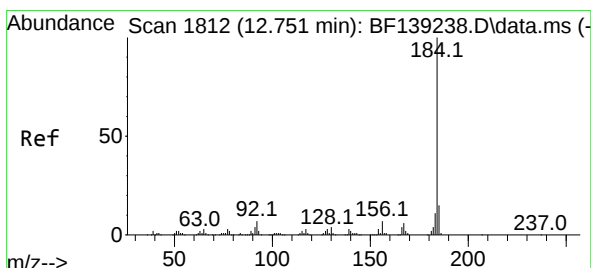
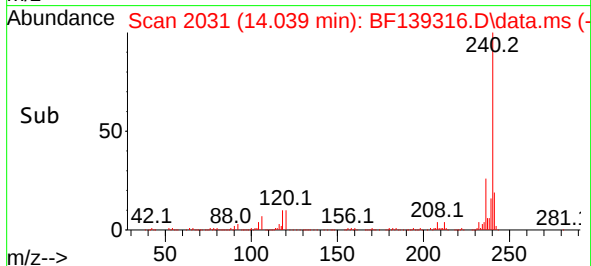
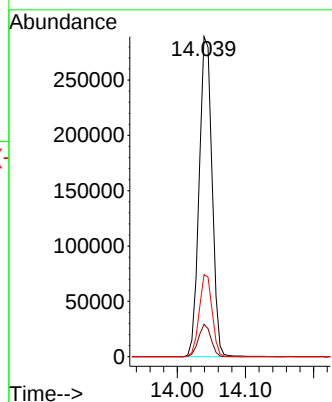
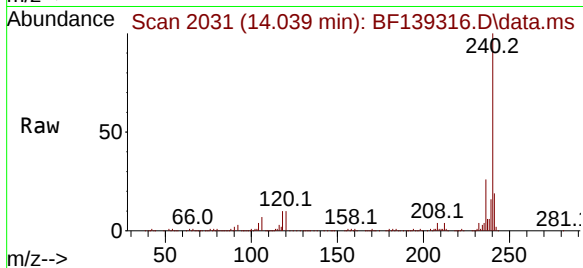
Tgt Ion:240 Resp: 379688

Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 25.7 20.7 31.1



#77

Benzidine

Concen: 3.370 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139316.D

Acq: 11 Sep 2024 10:50

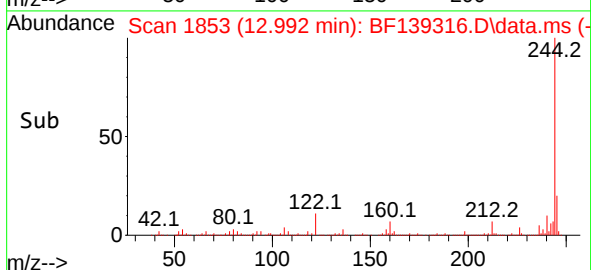
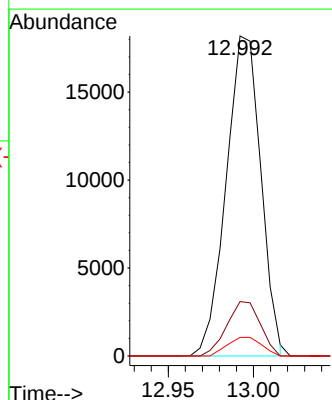
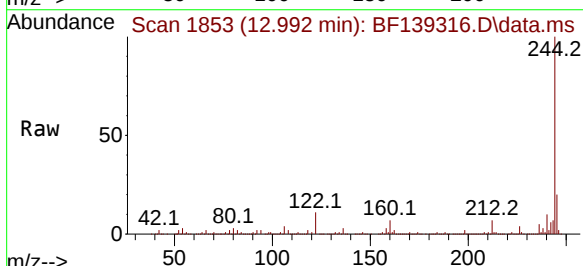
Tgt Ion:184 Resp: 25764

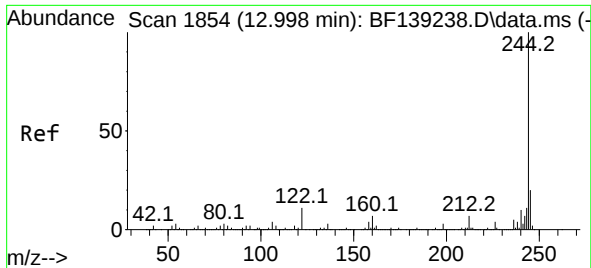
Ion Ratio Lower Upper

184 100

185 17.0 11.9 17.9

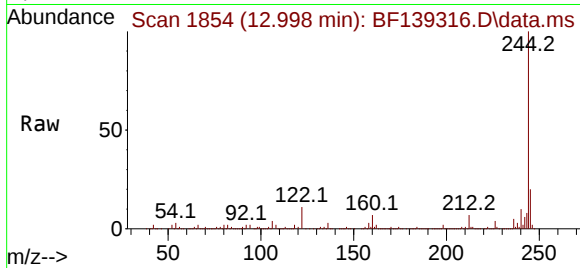
183 5.8 8.8 13.2#



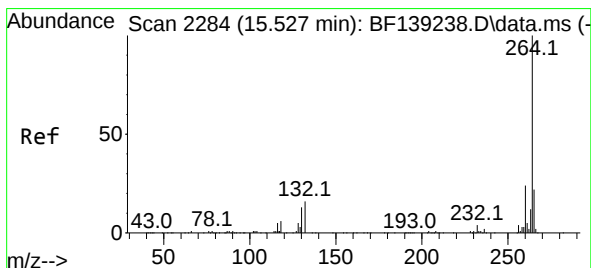
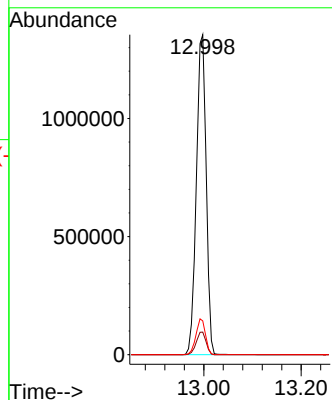
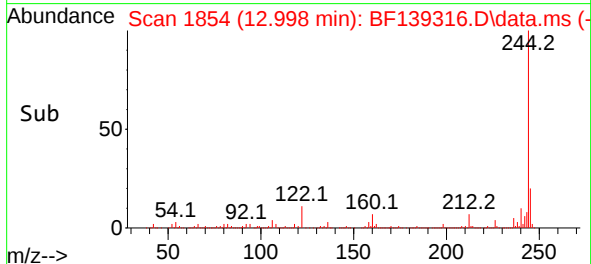


#79
 Terphenyl-d14
 Concen: 81.167 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139316.D
 Acq: 11 Sep 2024 10:50

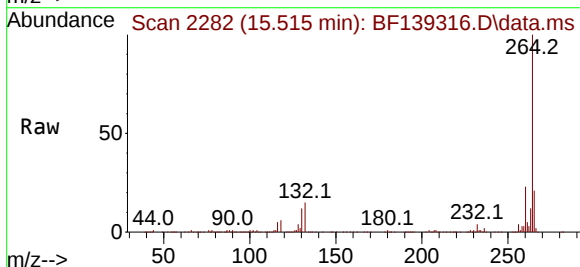
Instrument :
 BNA_F
 ClientSampleId :
 PB163259BL



Tgt Ion:244 Resp: 1908741
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.6 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF139316.D
 Acq: 11 Sep 2024 10:50



Tgt Ion:264 Resp: 295182
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.4 17.3 25.9

