

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139511.D
 Acq On : 20 Sep 2024 19:47
 Operator : RC/JU
 Sample : P4103-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-7.5-10B

Quant Time: Sep 20 23:22:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

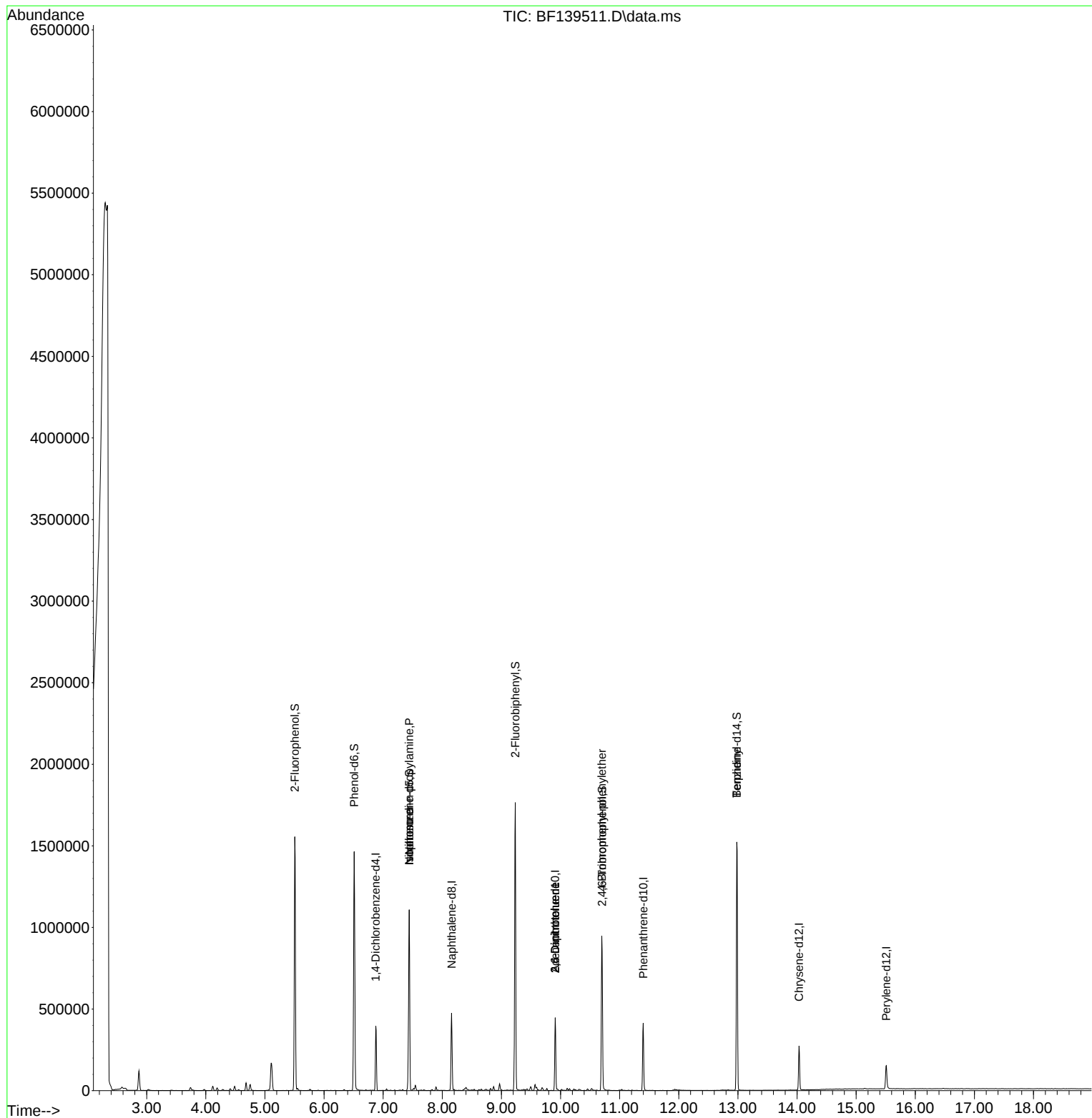
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78153	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	271104	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	126022	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	217565	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	128652	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	93854	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	521727	108.904	ng	0.01
7) Phenol-d6	6.510	99	638251	101.501	ng	0.00
23) Nitrobenzene-d5	7.440	82	469357	81.390	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145832	108.695	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	760710	84.661	ng	0.00
79) Terphenyl-d14	12.980	244	750619	95.767	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	64759	17.379	ng	# 76
25) Isophorone	7.440	82	469351	51.463	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	16486	8.997	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	16486	6.664	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	9990	4.634	ng	# 1
77) Benzidine	12.980	184	10981	5.958	ng	# 92

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

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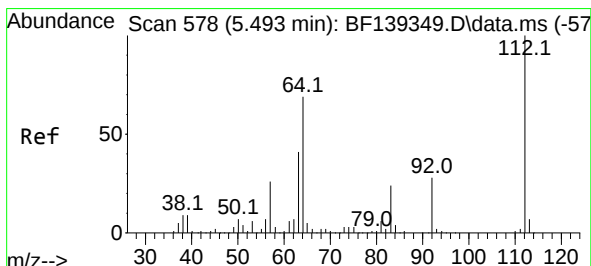
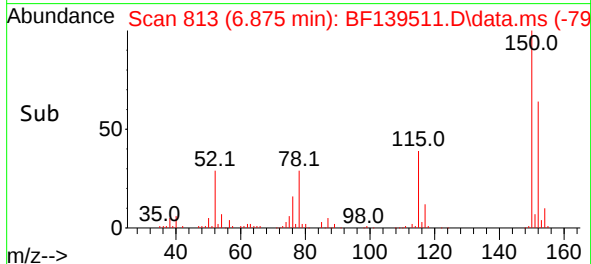
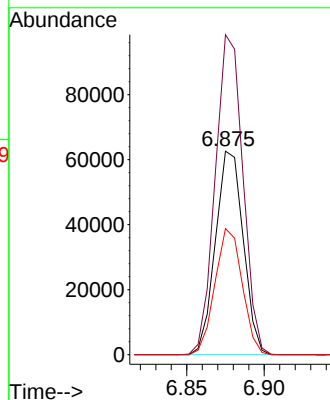
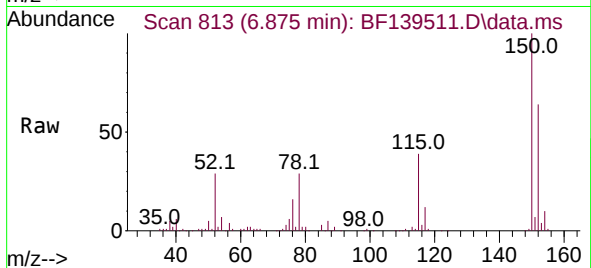




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

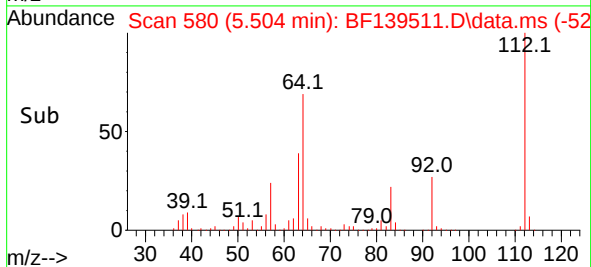
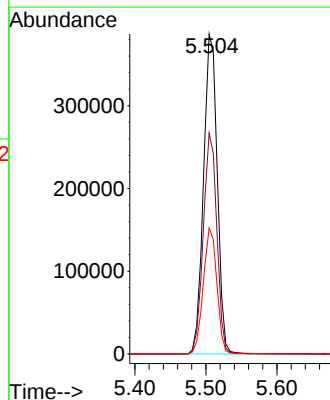
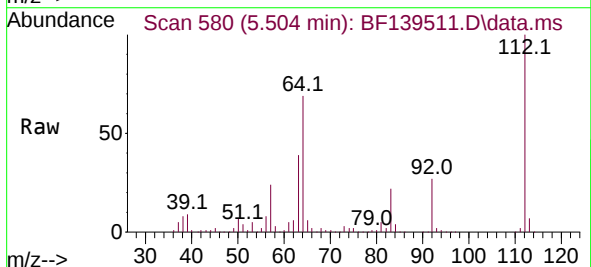
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

Tgt Ion:152 Resp: 78153
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 61.9 48.1 72.1



#5
2-Fluorophenol
Concen: 108.904 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion:112 Resp: 521727
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 39.4 33.0 49.4

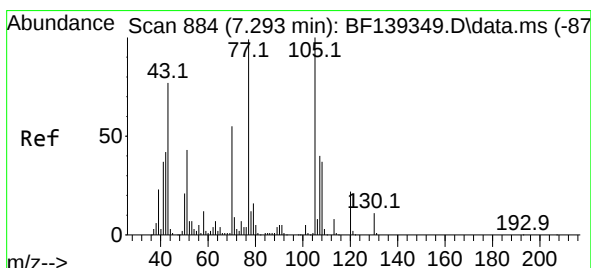
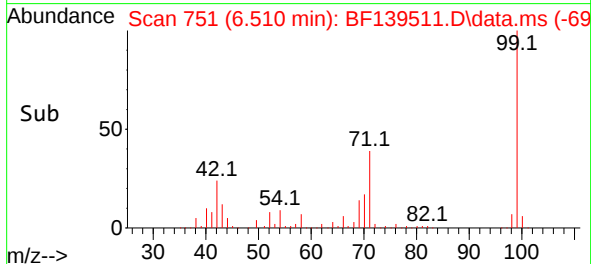
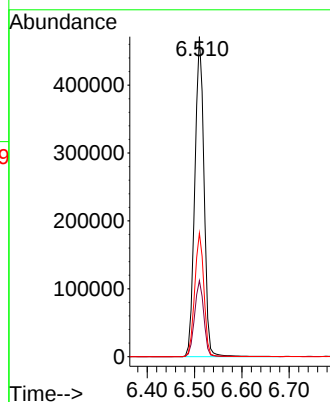
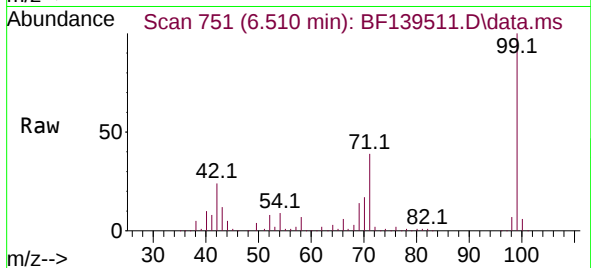




#7
Phenol-d6
Concen: 101.501 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

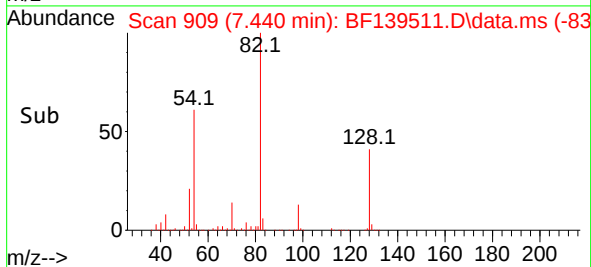
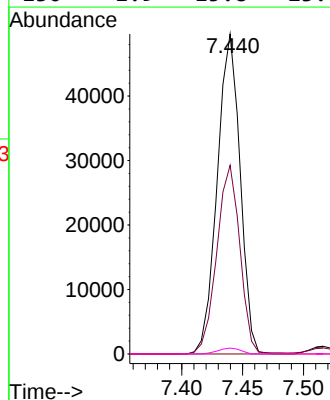
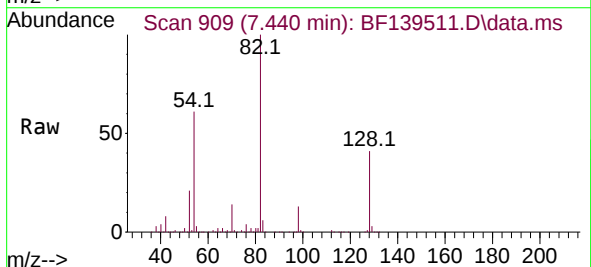
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

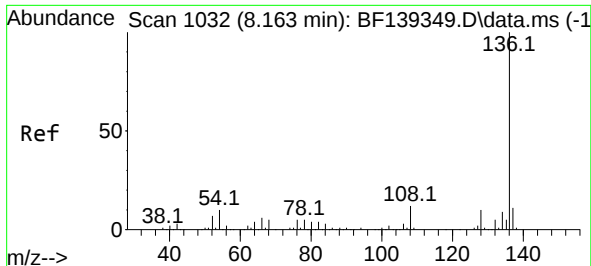
Tgt Ion: 99 Resp: 638251
Ion Ratio Lower Upper
99 100
42 23.7 21.9 32.9
71 38.6 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.379 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion: 70 Resp: 64759
Ion Ratio Lower Upper
70 100
42 58.9 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#



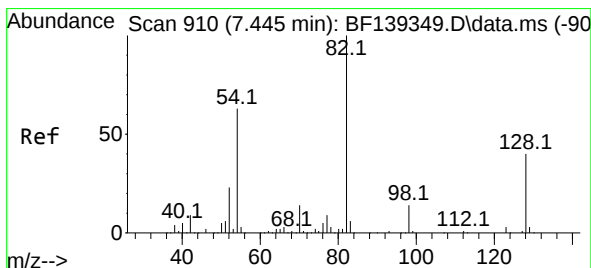
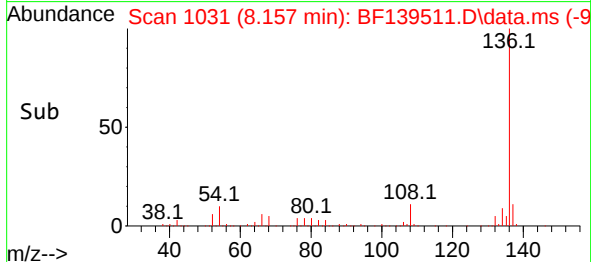
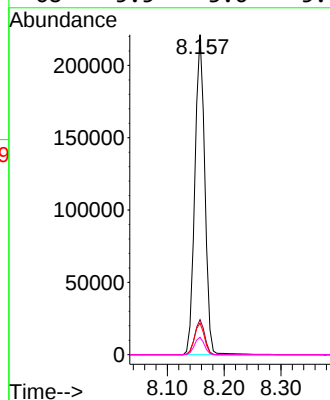
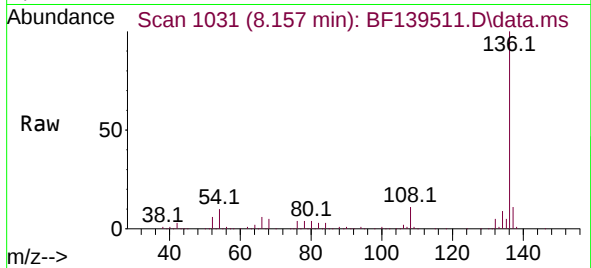


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

Tgt Ion:136 Resp: 271104

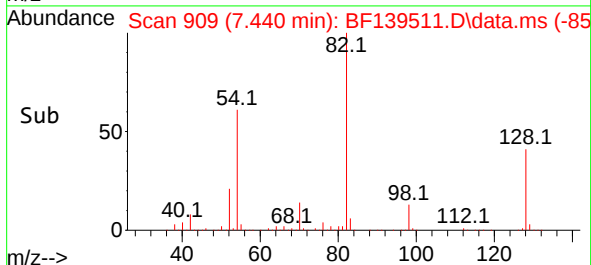
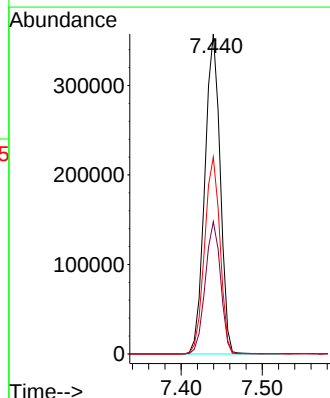
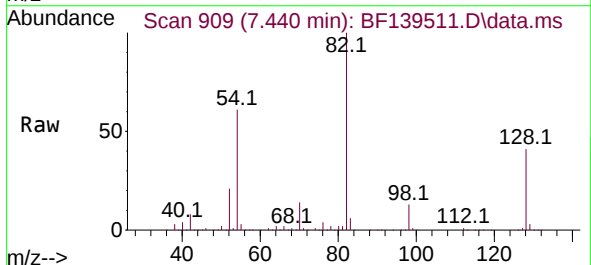
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	7.8	11.8
68	5.5	3.6	5.4



#23
Nitrobenzene-d5
Concen: 81.390 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion: 82 Resp: 469357

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.8	47.6
54	61.5	50.6	75.8

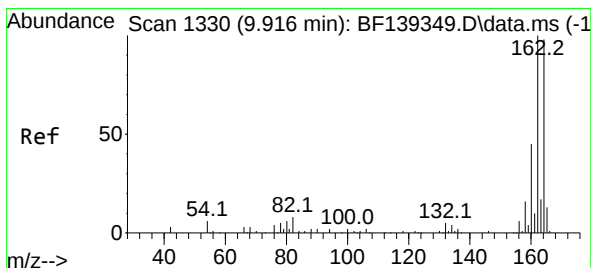
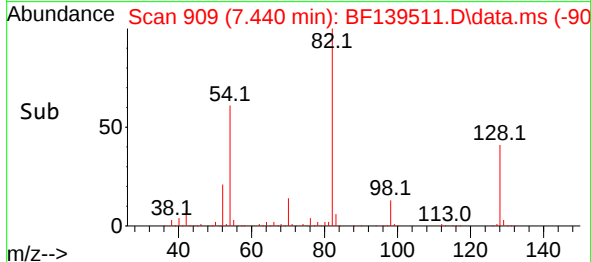
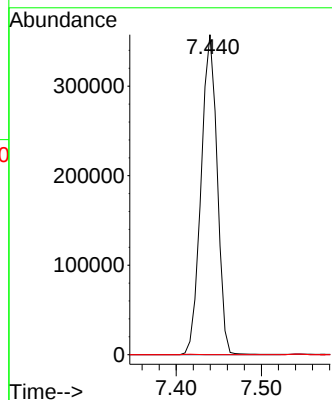
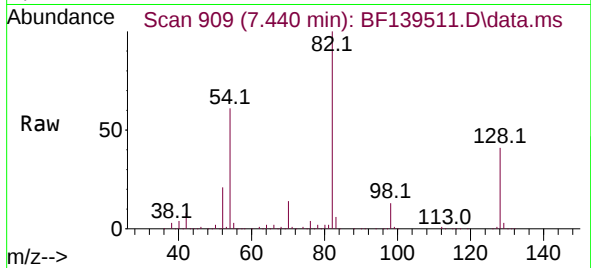




#25
Isophorone
Concen: 51.463 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

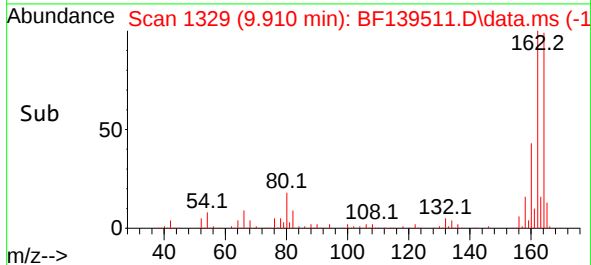
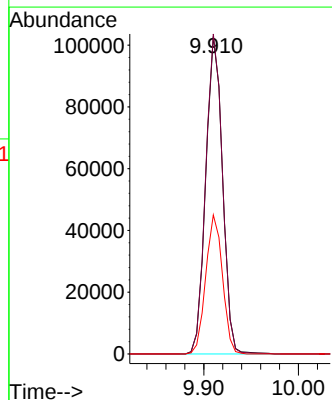
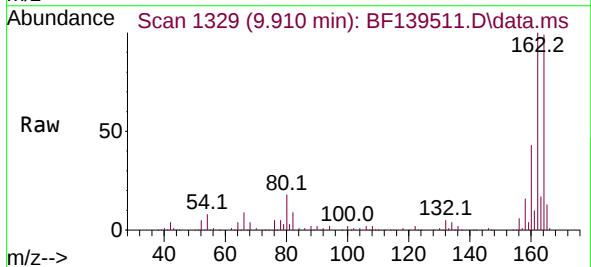
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

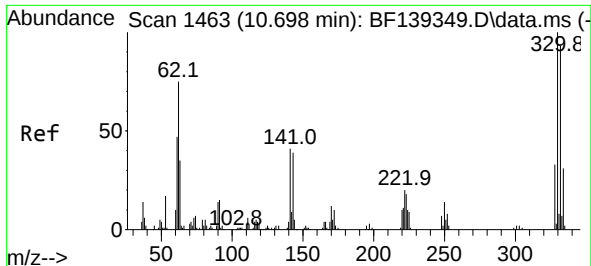
Tgt Ion: 82 Resp: 469351
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

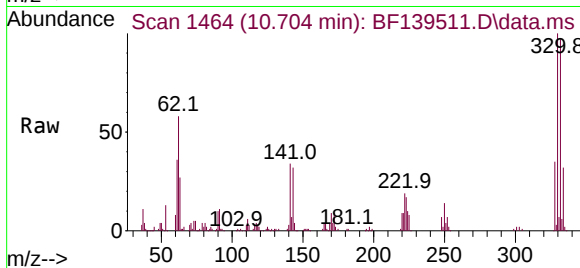
Tgt Ion: 164 Resp: 126022
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 43.8 36.4 54.6



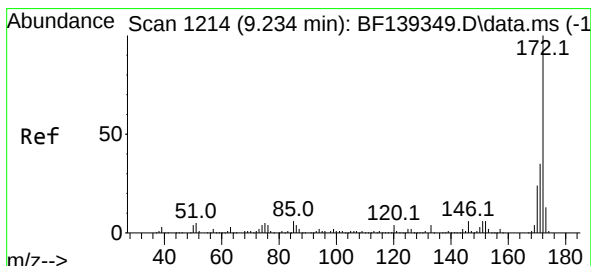
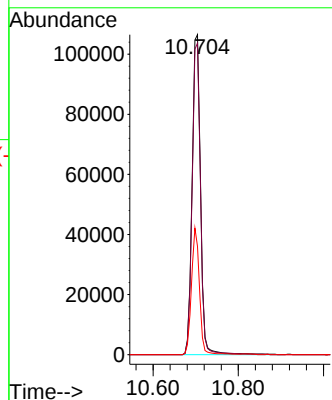
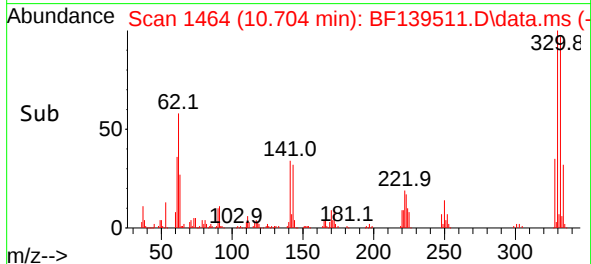


#42
2,4,6-Tribromophenol
Concen: 108.695 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

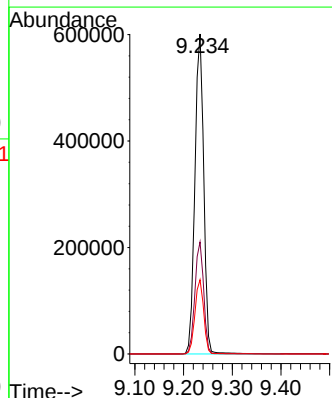
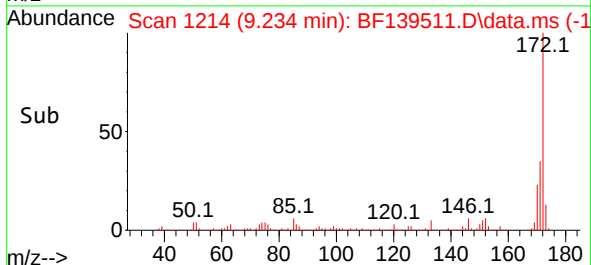
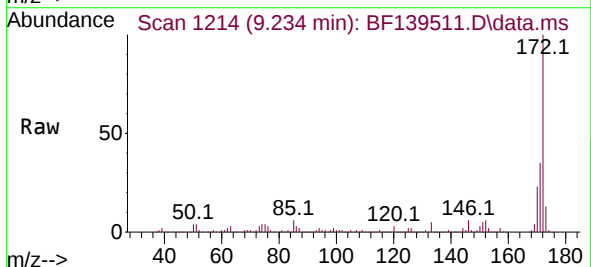


Tgt Ion:330 Resp: 145832
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 37.7 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 84.661 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion:172 Resp: 760710
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 19.0 28.6

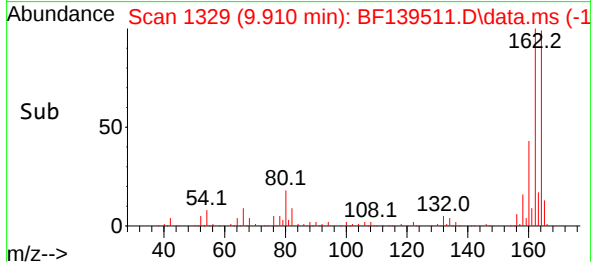
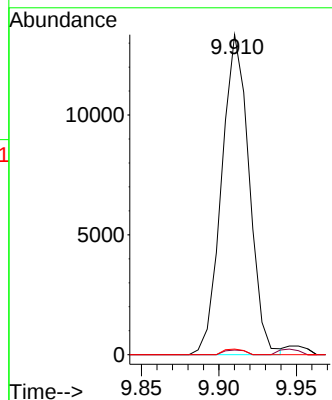
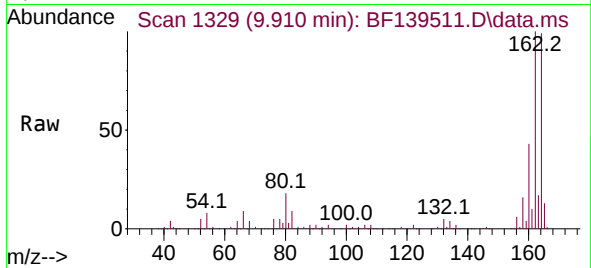




#51
2,6-Dinitrotoluene
Concen: 8.997 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

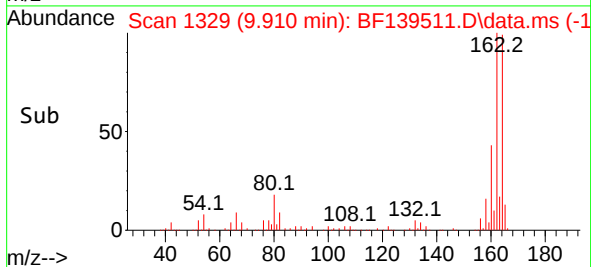
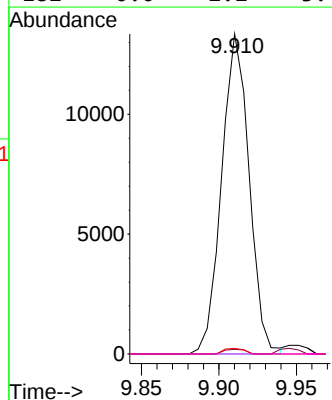
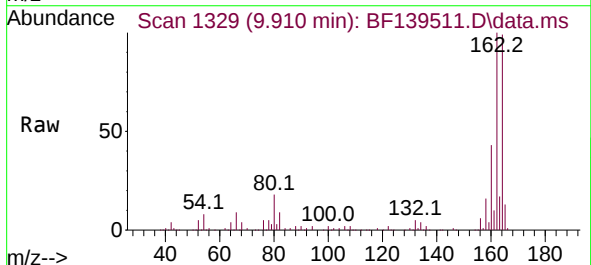
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10B

Tgt Ion:165 Resp: 16486
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.8 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.664 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139511.D
Acq: 20 Sep 2024 19:47

Tgt Ion:165 Resp: 16486
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.8 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139511.D

Acq: 20 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10B

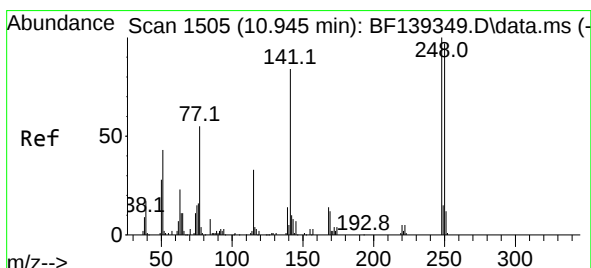
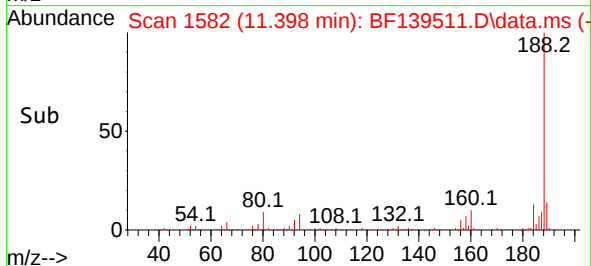
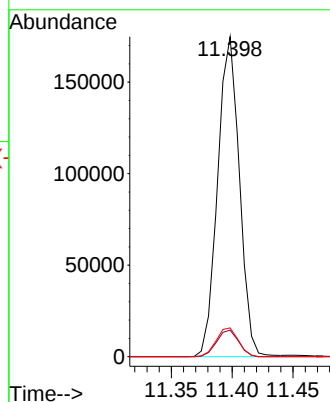
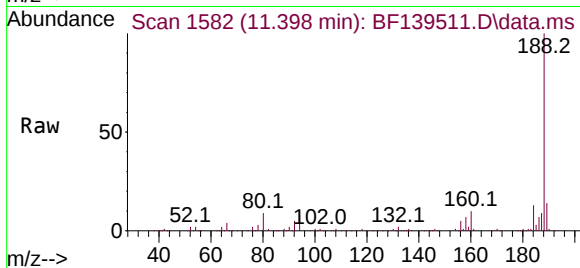
Tgt Ion:188 Resp: 217565

Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3#

80 9.0 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.634 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139511.D

Acq: 20 Sep 2024 19:47

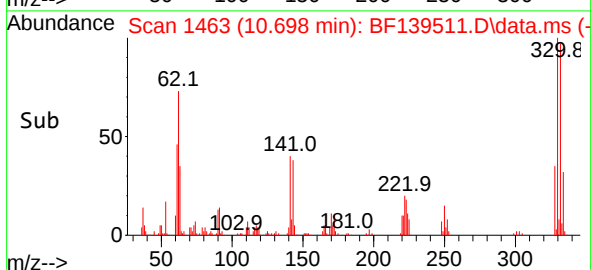
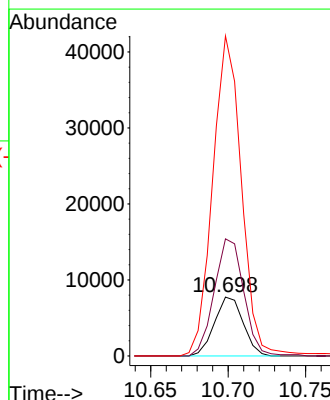
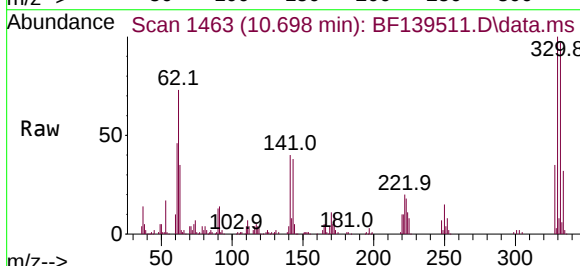
Tgt Ion:248 Resp: 9990

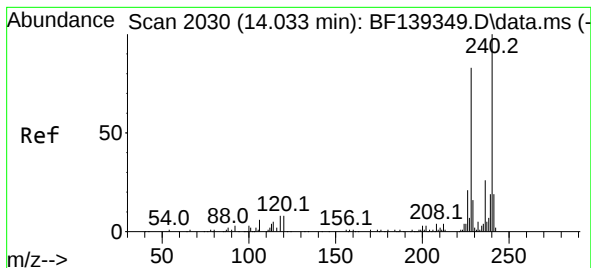
Ion Ratio Lower Upper

248 100

250 199.2 77.6 116.4#

141 543.9 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139511.D

Acq: 20 Sep 2024 19:47

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10B

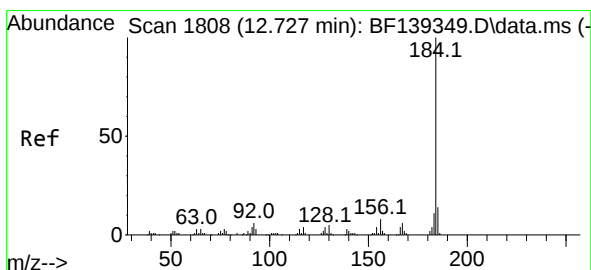
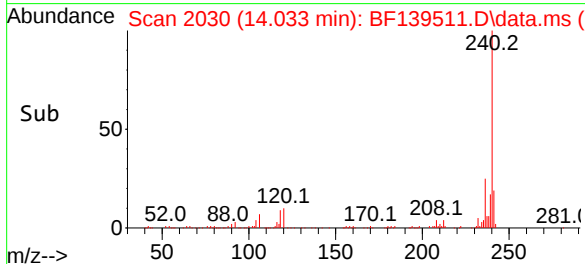
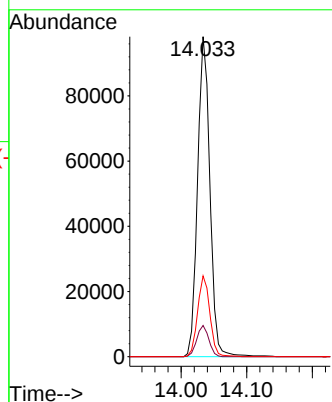
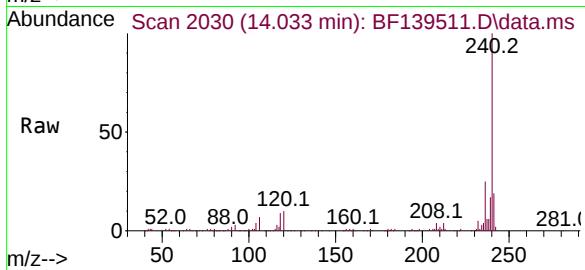
Tgt Ion:240 Resp: 128652

Ion Ratio Lower Upper

240 100

120 9.8 6.2 9.2#

236 25.3 20.9 31.3



#77

Benzidine

Concen: 5.958 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139511.D

Acq: 20 Sep 2024 19:47

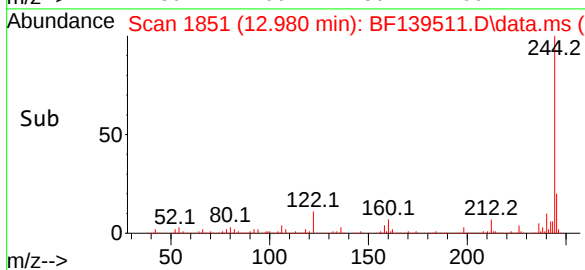
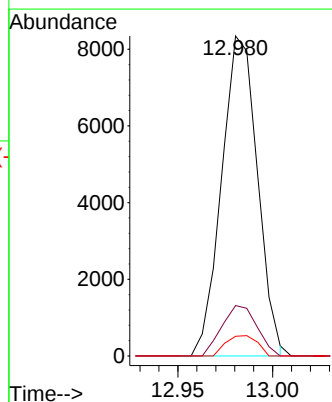
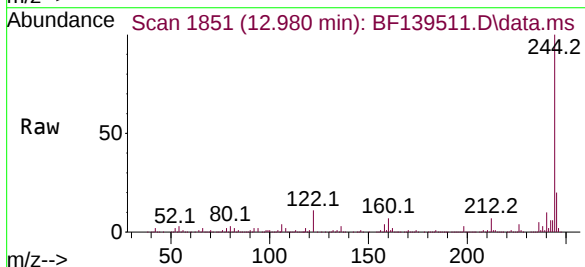
Tgt Ion:184 Resp: 10981

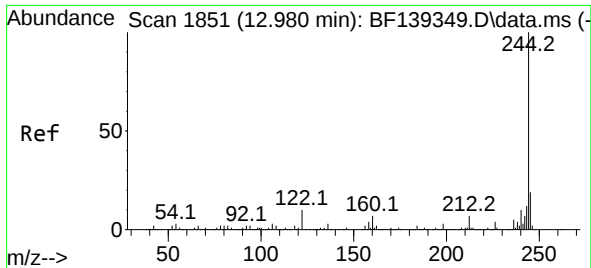
Ion Ratio Lower Upper

184 100

185 15.8 11.5 17.3

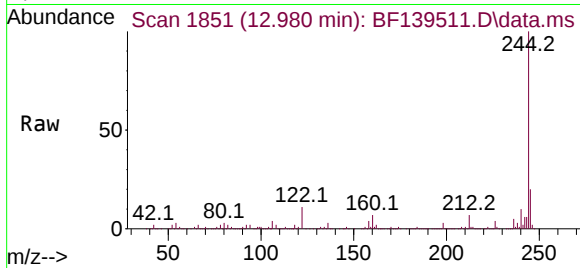
183 6.2 8.9 13.3#



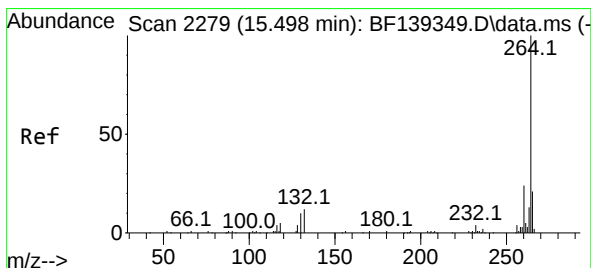
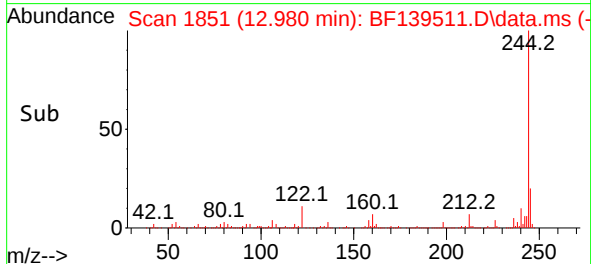
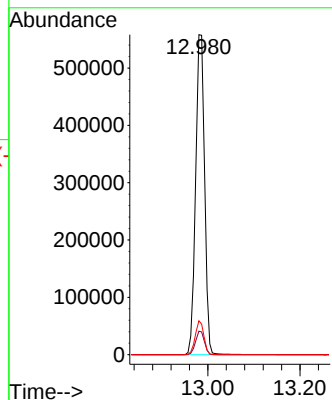


#79
 Terphenyl-d14
 Concen: 95.767 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139511.D
 Acq: 20 Sep 2024 19:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-7.5-10B



Tgt Ion:244 Resp: 750619
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139511.D
 Acq: 20 Sep 2024 19:47

Tgt Ion:264 Resp: 93854
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.5 16.6 25.0

