

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139227.D
 Acq On : 03 Sep 2024 10:53
 Operator : RC/JU
 Sample : PB163089BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163089BL

Quant Time: Sep 04 01:54:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

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

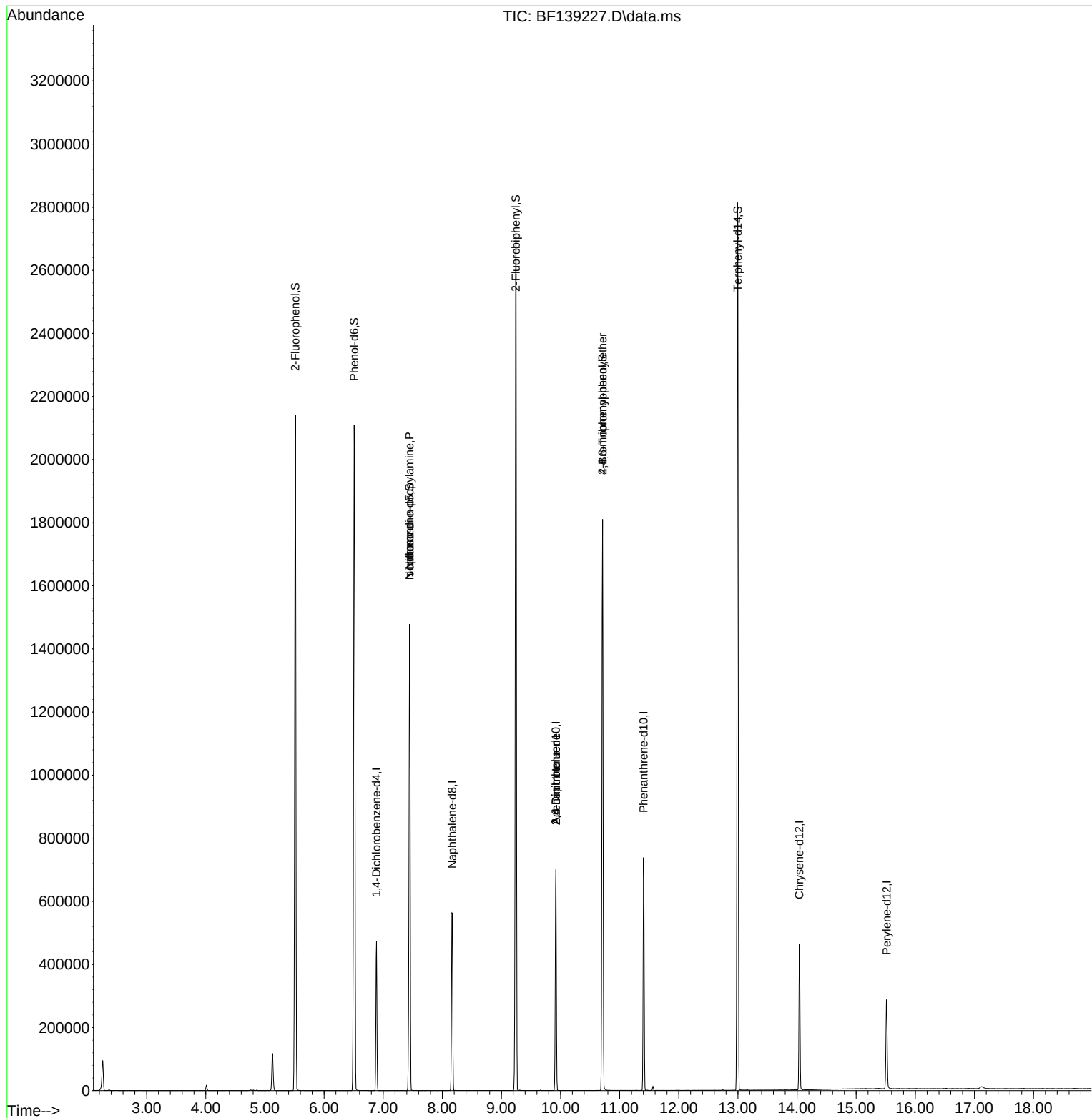
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	90746	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	353339	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	208178	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	373368	20.000	ng	0.00
76) Chrysene-d12	14.039	240	217119	20.000	ng	0.00
86) Perylene-d12	15.515	264	169835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	811114	143.285	ng	0.01
7) Phenol-d6	6.510	99	1054960	140.485	ng	0.00
23) Nitrobenzene-d5	7.445	82	720244	97.987	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	295338	141.431	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1256241	93.959	ng	0.00
79) Terphenyl-d14	12.998	244	1456095	96.670	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	98499	21.080	ng	Qvalue # 79
25) Isophorone	7.445	82	717693	56.337	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	26934	9.560	ng	# 20
57) 2,4-Dinitrotoluene	9.922	165	26934	7.589	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	20539	5.062	ng	# 1

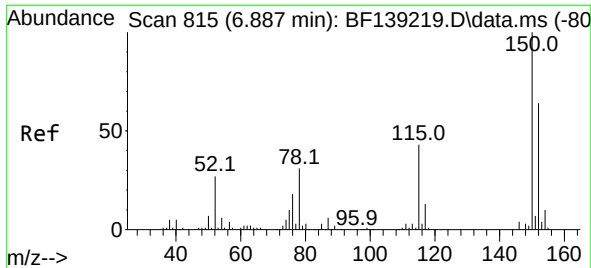
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
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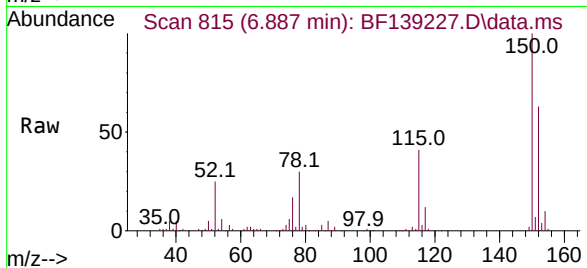
Quant Time: Sep 04 01:54:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 15:46:29 2024
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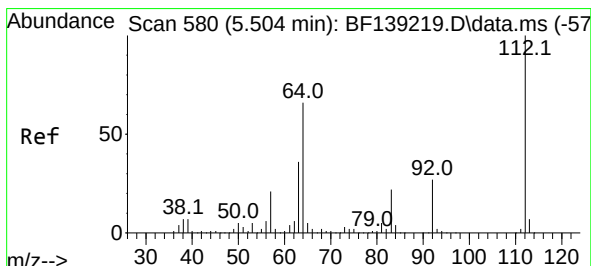
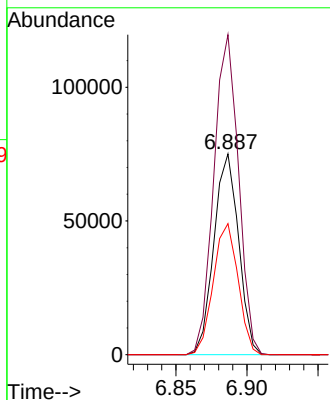
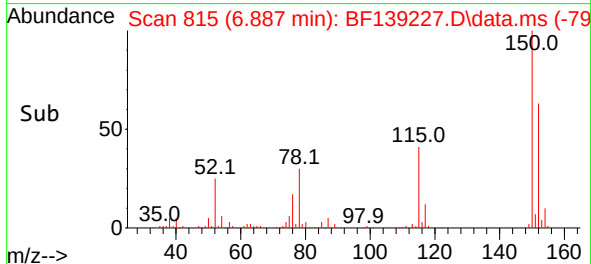


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

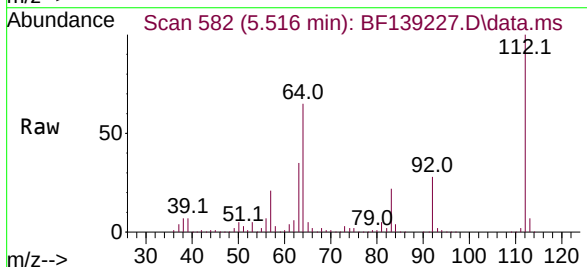
Instrument :
BNA_F
ClientSampleId :
PB163089BL



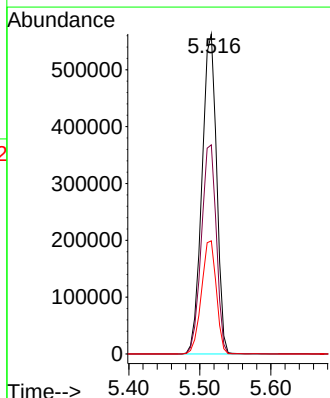
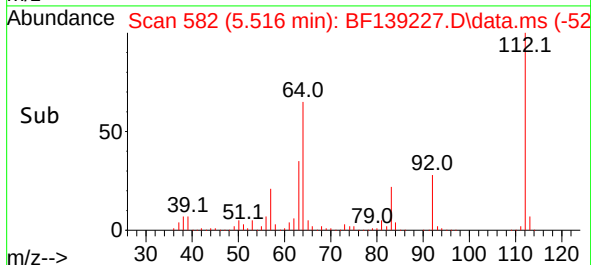
Tgt Ion:152 Resp: 90746
Ion Ratio Lower Upper
152 100
150 159.4 125.6 188.4
115 65.3 54.2 81.4

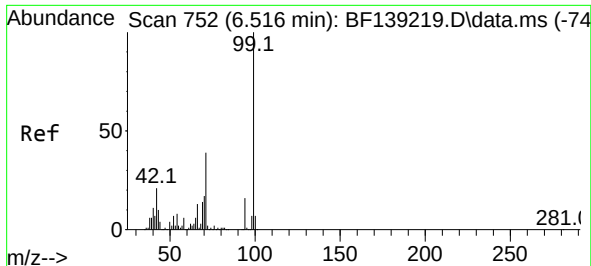


#5
2-Fluorophenol
Concen: 143.285 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53



Tgt Ion:112 Resp: 811114
Ion Ratio Lower Upper
112 100
64 65.4 52.5 78.7
63 35.4 28.5 42.7

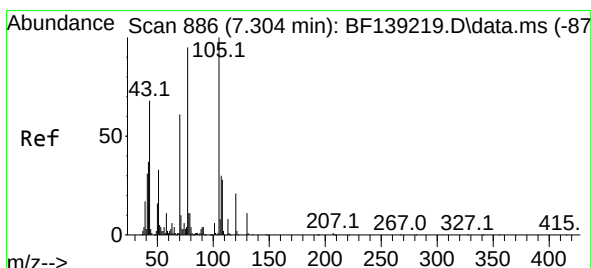
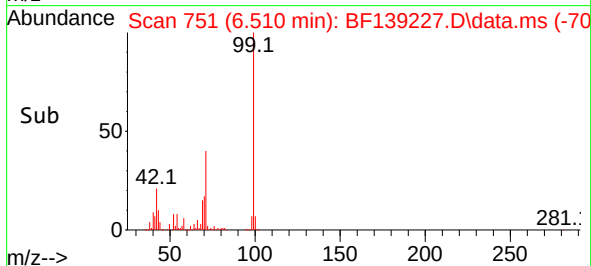
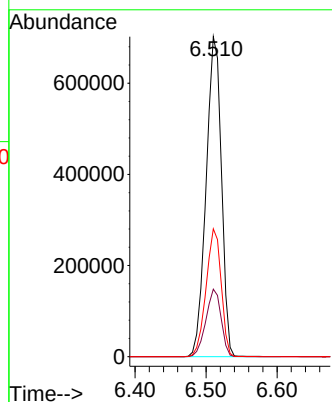
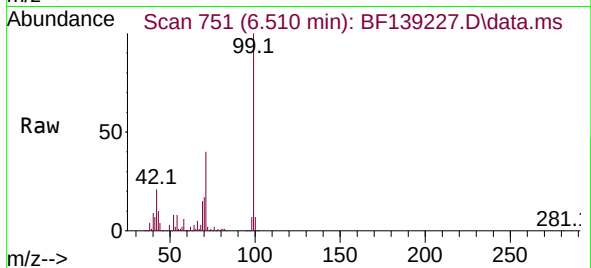




#7
Phenol-d6
Concen: 140.485 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

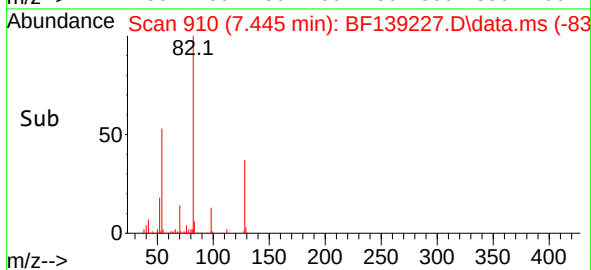
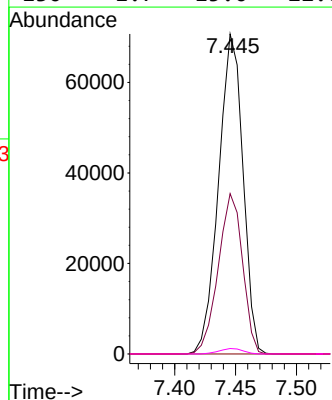
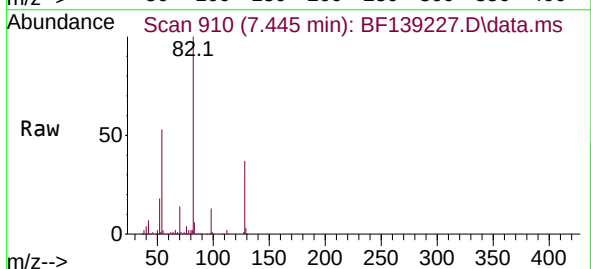
Instrument :
BNA_F
ClientSampleId :
PB163089BL

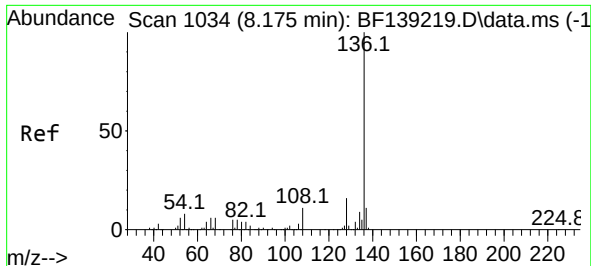
Tgt Ion: 99 Resp: 1054960
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 39.9 31.3 46.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.080 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

Tgt Ion: 70 Resp: 98499
Ion Ratio Lower Upper
70 100
42 50.1 49.0 73.4
101 0.0 7.6 11.4#
130 1.7 15.0 22.6#



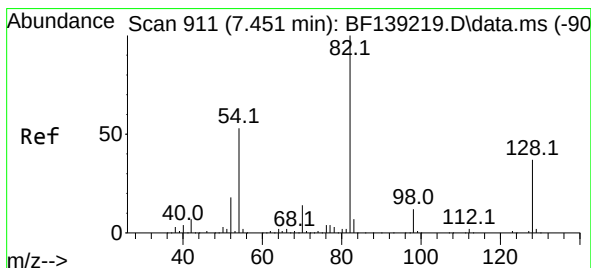
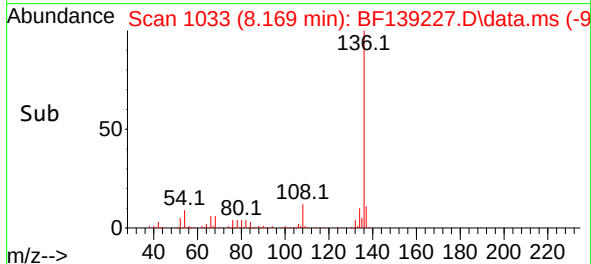
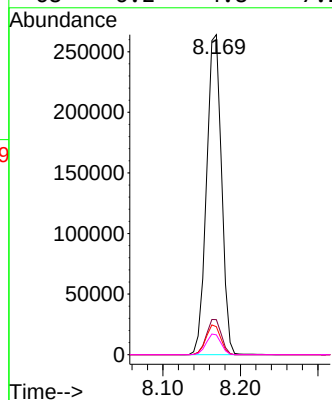
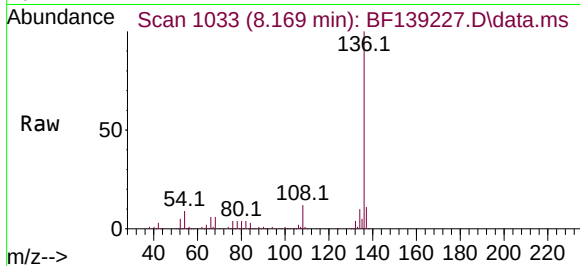


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

Instrument :
BNA_F
ClientSampleId :
PB163089BL

Tgt Ion:136 Resp: 353339

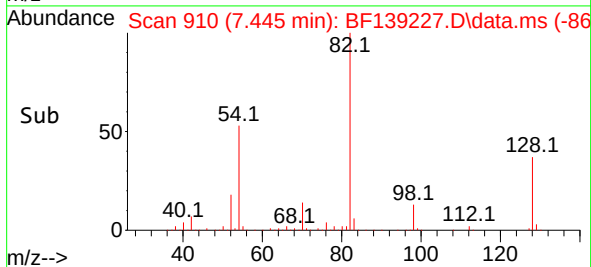
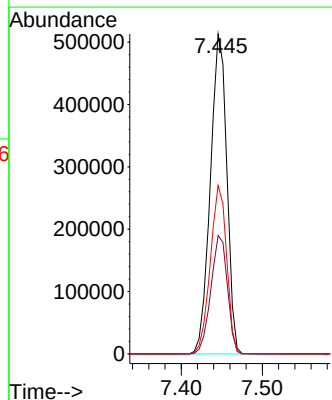
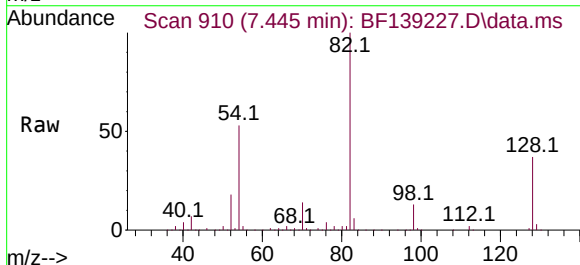
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.7	6.9	10.3
68	6.2	4.8	7.2

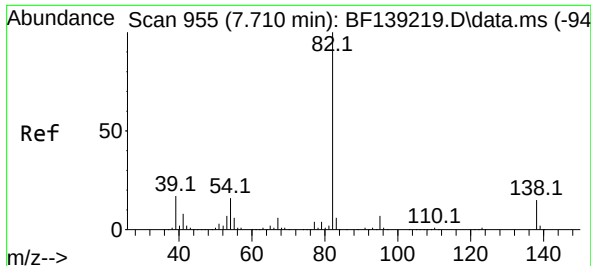


#23
Nitrobenzene-d5
Concen: 97.987 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

Tgt Ion: 82 Resp: 720244

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	52.7	42.4	63.6

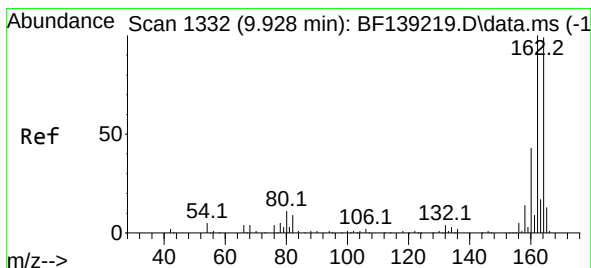
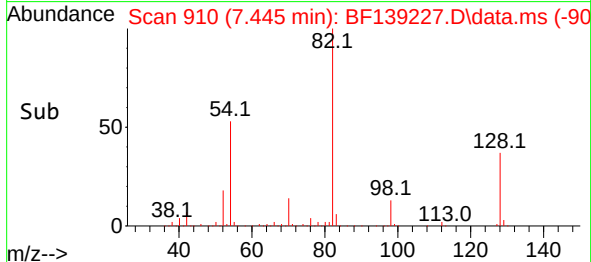
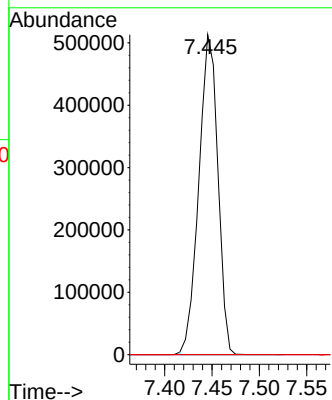
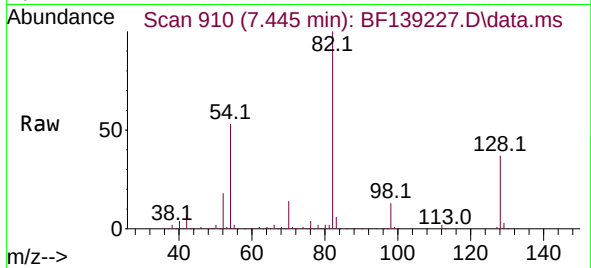




#25
Isophorone
Concen: 56.337 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

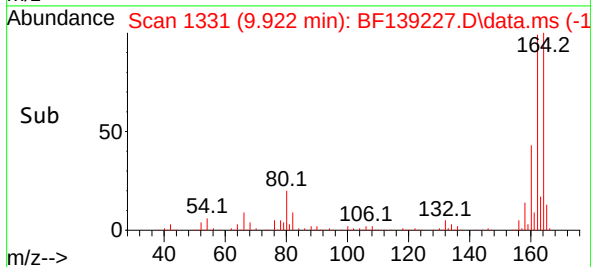
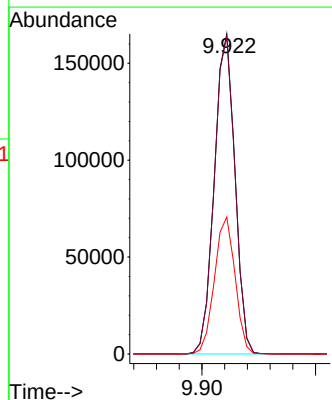
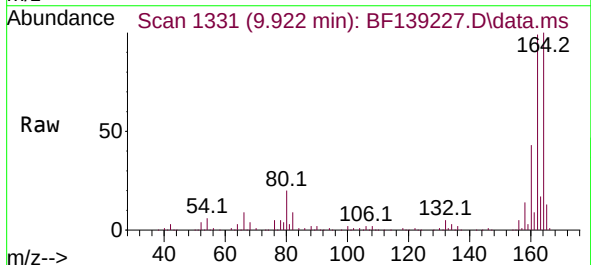
Instrument :
BNA_F
ClientSampleId :
PB163089BL

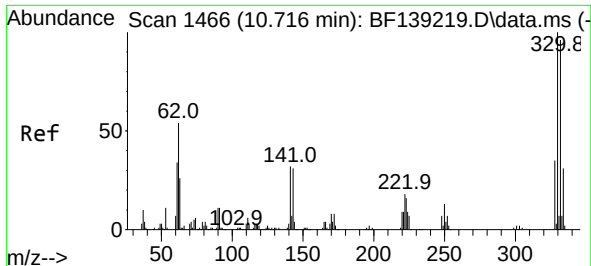
Tgt Ion: 82 Resp: 717693
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

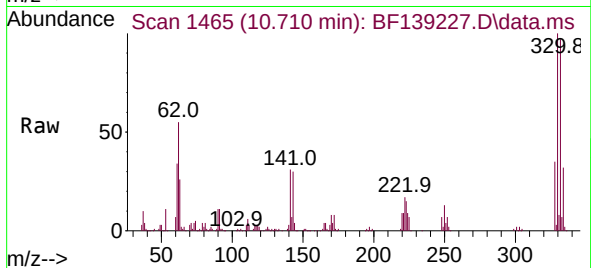
Tgt Ion:164 Resp: 208178
Ion Ratio Lower Upper
164 100
162 99.3 80.8 121.2
160 42.8 34.4 51.6



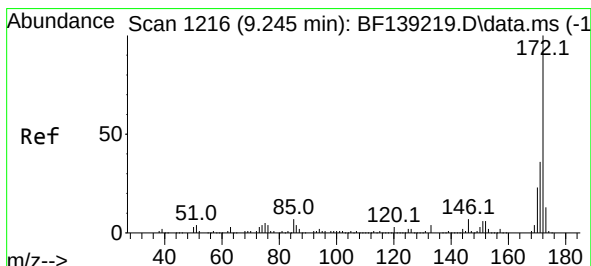
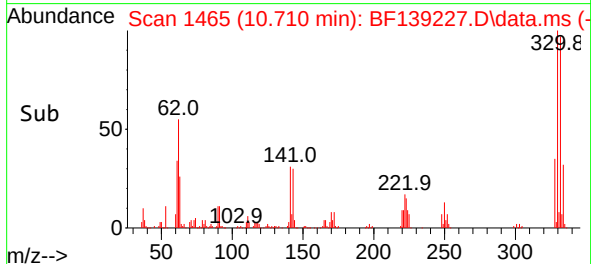
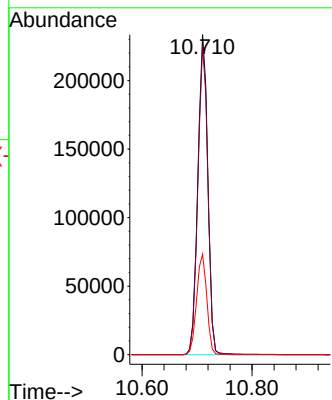


#42
2,4,6-Tribromophenol
Concen: 141.431 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

Instrument :
BNA_F
ClientSampleId :
PB163089BL

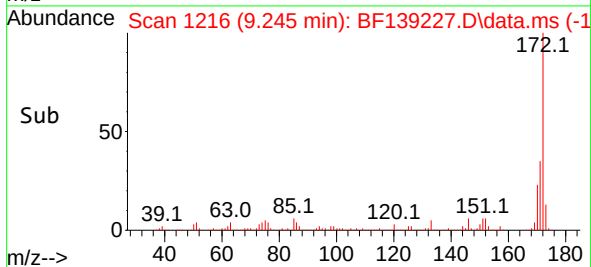
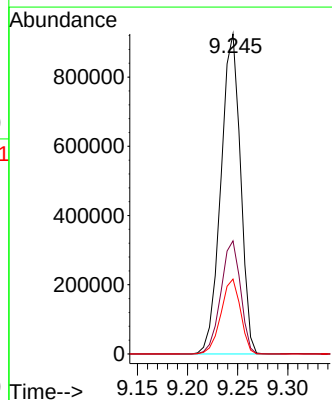
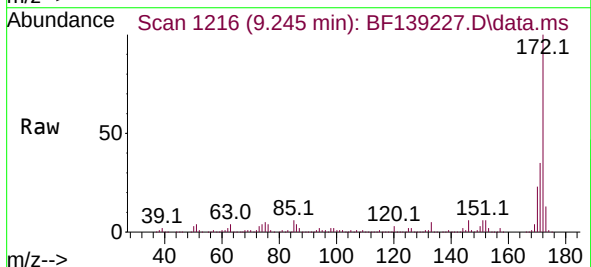


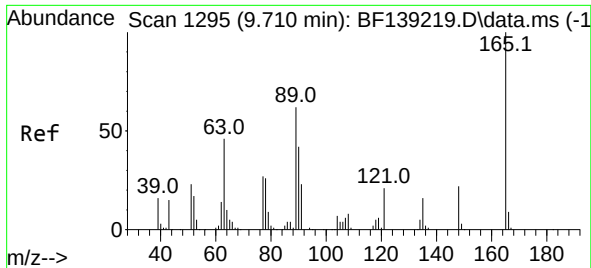
Tgt Ion:330 Resp: 295338
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 31.9 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 93.959 ng
RT: 9.245 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

Tgt Ion:172 Resp: 1256241
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.4 18.7 28.1

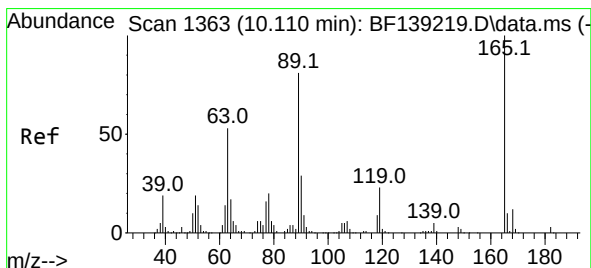
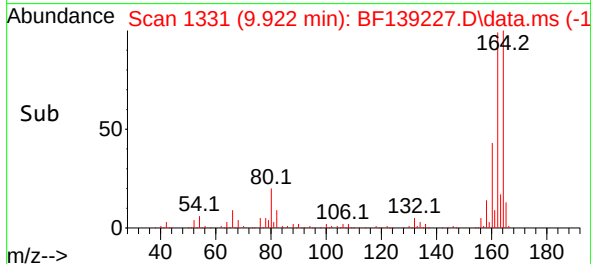
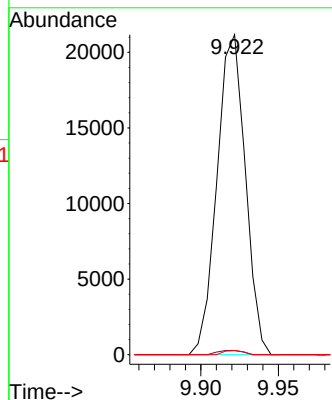
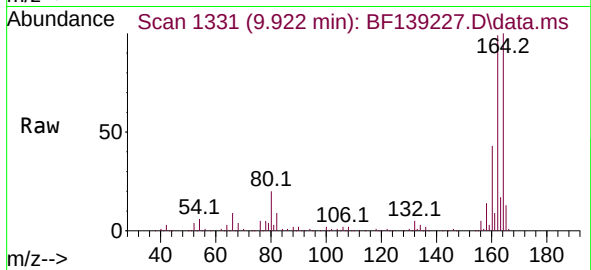




#51
2,6-Dinitrotoluene
Concen: 9.560 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

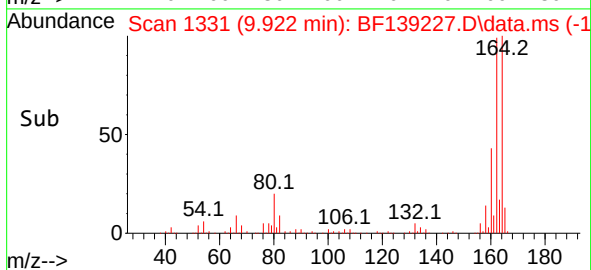
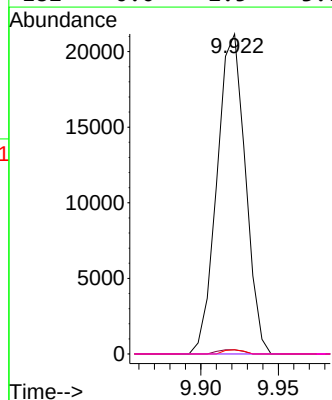
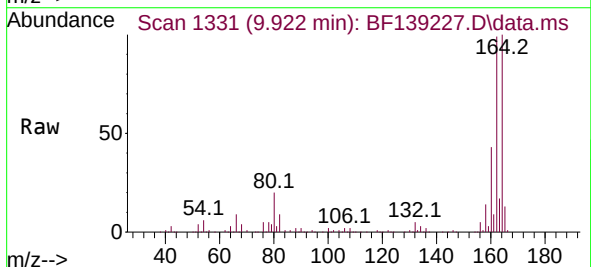
Instrument :
BNA_F
ClientSampleId :
PB163089BL

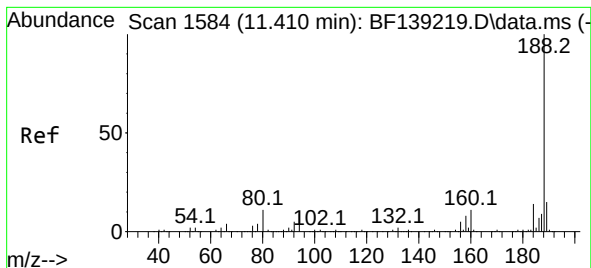
Tgt Ion:165 Resp: 26934
Ion Ratio Lower Upper
165 100
63 1.3 52.1 78.1#
89 1.3 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.589 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

Tgt Ion:165 Resp: 26934
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.4#
89 1.3 64.7 97.1#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139227.D

Acq: 03 Sep 2024 10:53

Instrument :

BNA_F

ClientSampleId :

PB163089BL

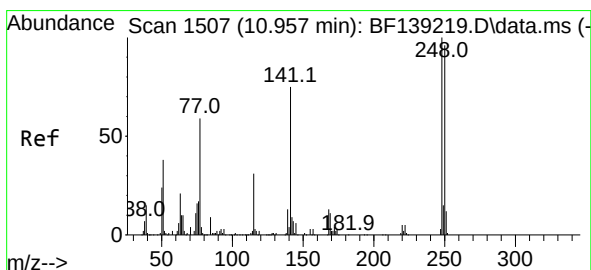
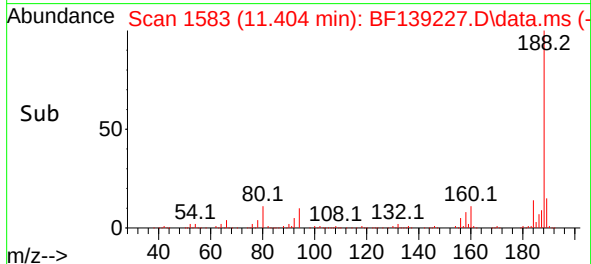
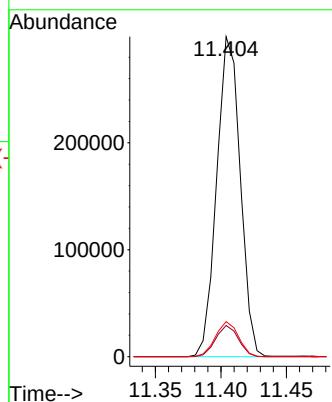
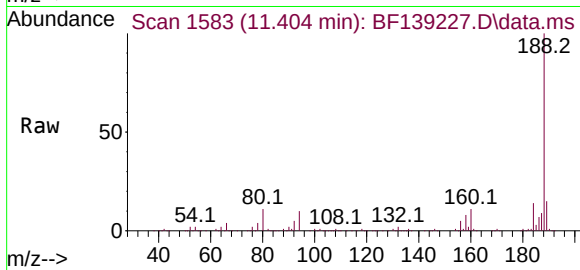
Tgt Ion:188 Resp: 373368

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 11.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.062 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139227.D

Acq: 03 Sep 2024 10:53

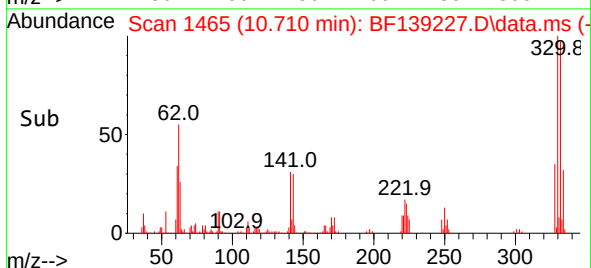
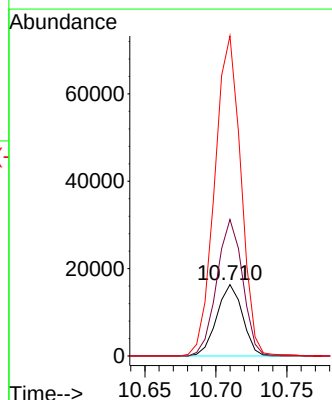
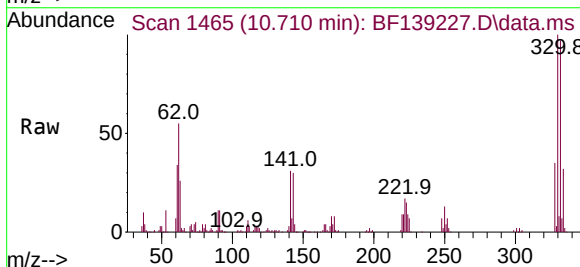
Tgt Ion:248 Resp: 20539

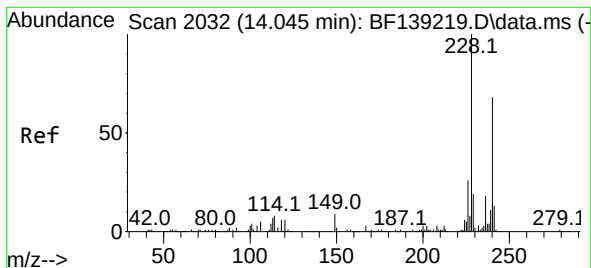
Ion Ratio Lower Upper

248 100

250 191.1 77.1 115.7#

141 448.0 60.0 90.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139227.D

Acq: 03 Sep 2024 10:53

Instrument :

BNA_F

ClientSampleId :

PB163089BL

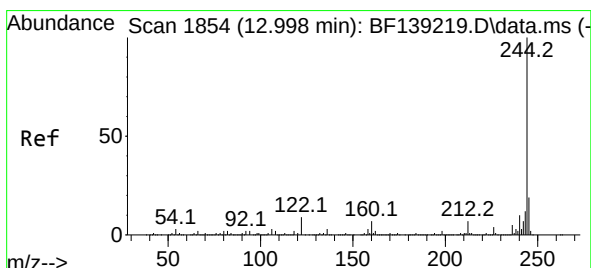
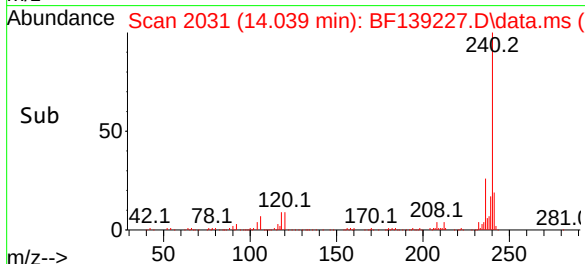
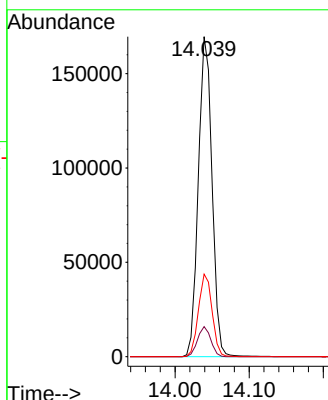
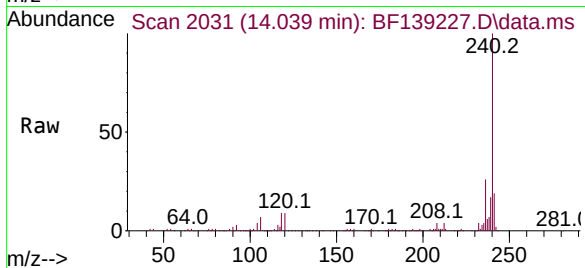
Tgt Ion:240 Resp: 217119

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 96.670 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139227.D

Acq: 03 Sep 2024 10:53

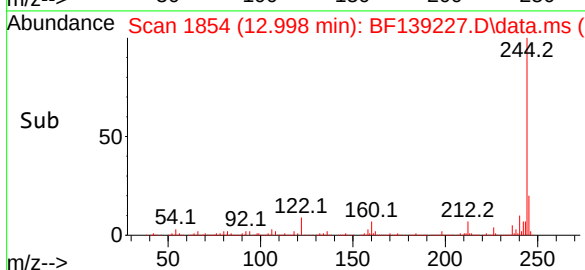
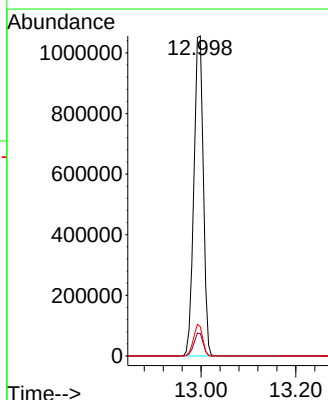
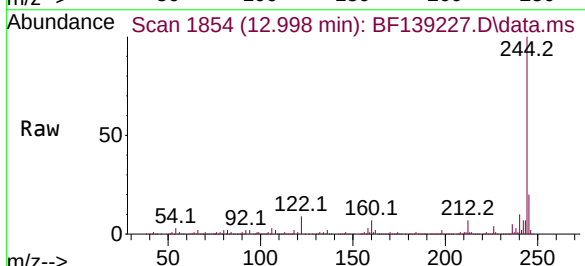
Tgt Ion:244 Resp: 1456095

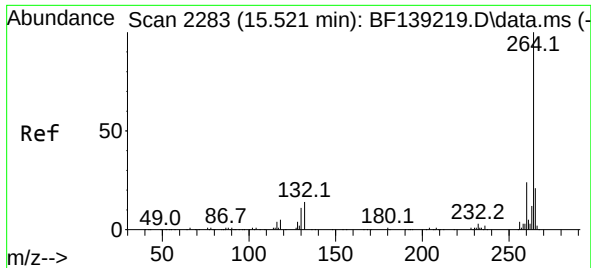
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

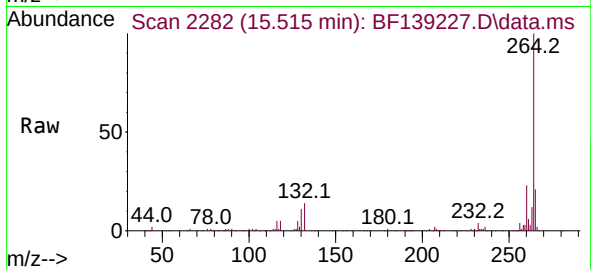
122 9.1 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139227.D
Acq: 03 Sep 2024 10:53

Instrument :
BNA_F
ClientSampleId :
PB163089BL



Tgt Ion:264 Resp: 169835

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	20.9	16.9	25.3

