

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139378.D
 Acq On : 16 Sep 2024 11:04
 Operator : RC/JU
 Sample : PB163318BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163318BL

Quant Time: Sep 16 11:34:23 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)

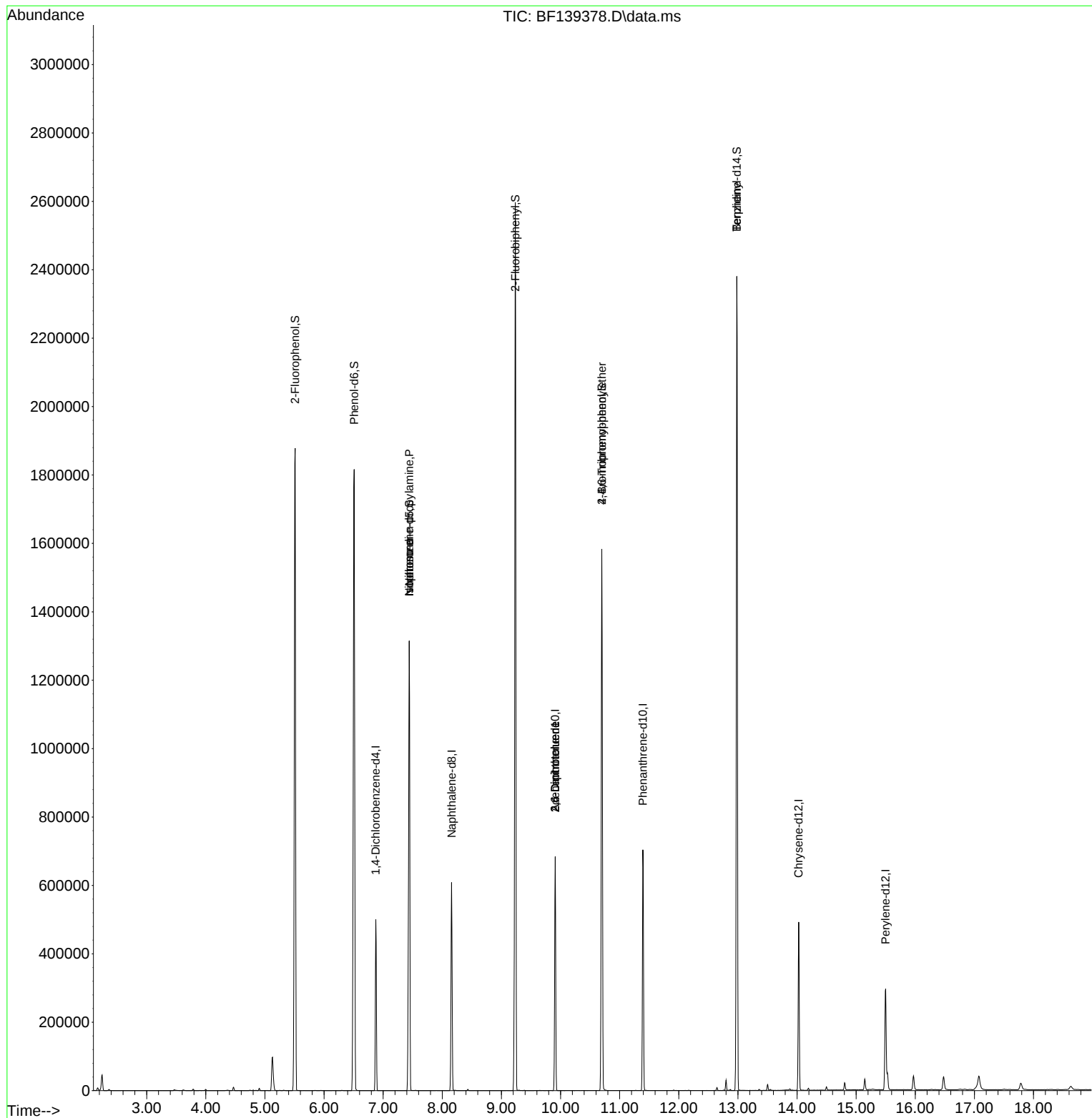
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	93864	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	352298	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	195161	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	366268	20.000	ng	0.00
76) Chrysene-d12	14.027	240	227743	20.000	ng	0.00
86) Perylene-d12	15.498	264	184675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	695532	120.883	ng	0.02
7) Phenol-d6	6.510	99	901722	119.398	ng	0.00
23) Nitrobenzene-d5	7.440	82	613716	81.896	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	244112	117.490	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1136805	81.696	ng	0.00
79) Terphenyl-d14	12.980	244	1180126	85.054	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	87699	19.596	ng	# 77
25) Isophorone	7.440	82	612165	51.652	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	24641	8.684	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	24641	6.432	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	16945	4.669	ng	# 1
77) Benzidine	12.980	184	17009	5.213	ng	# 91

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

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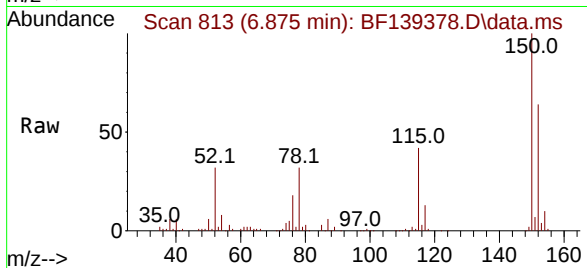
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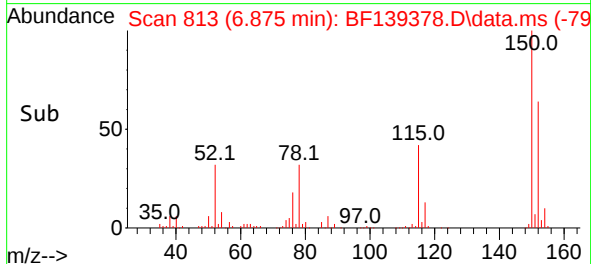
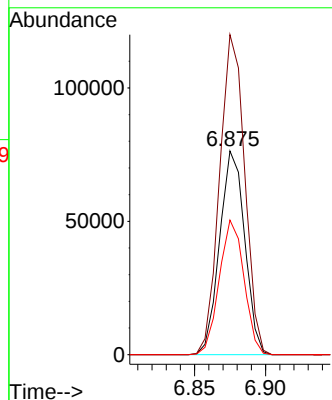


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB163318BL

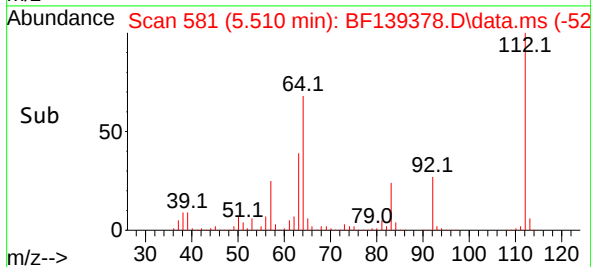
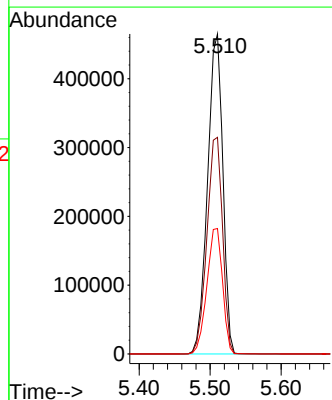
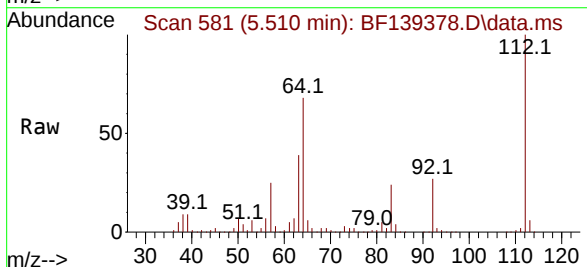


Tgt Ion:152 Resp: 93864
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 66.1 48.1 72.1



#5
2-Fluorophenol
Concen: 120.883 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion:112 Resp: 695532
Ion Ratio Lower Upper
112 100
64 67.7 54.8 82.2
63 39.2 33.0 49.4

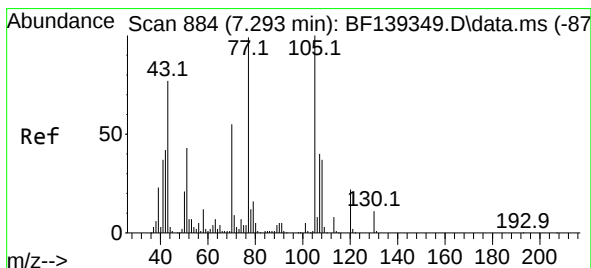
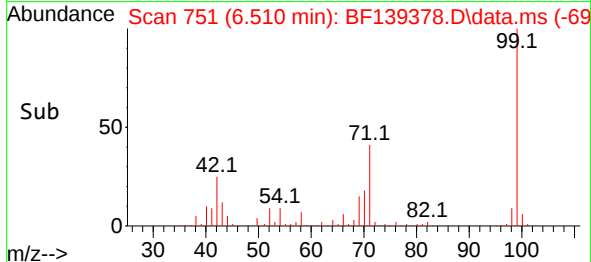
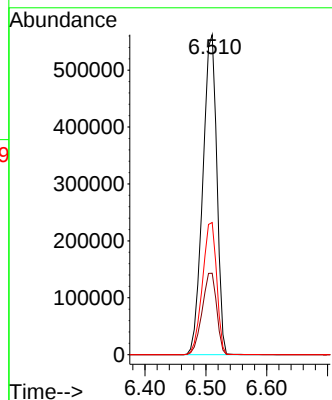
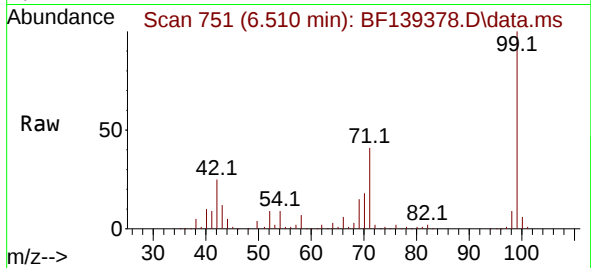




#7
Phenol-d6
Concen: 119.398 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

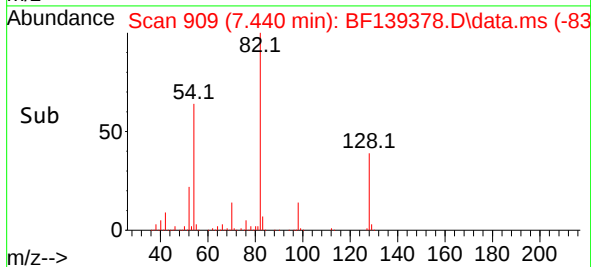
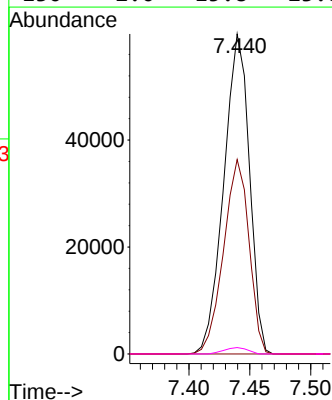
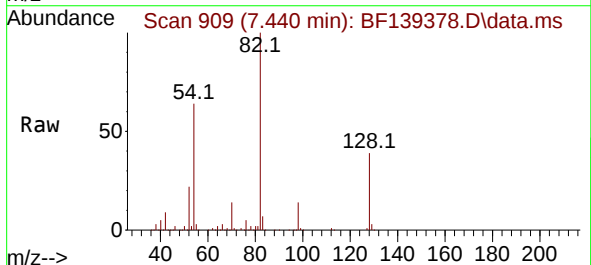
Instrument :
BNA_F
ClientSampleId :
PB163318BL

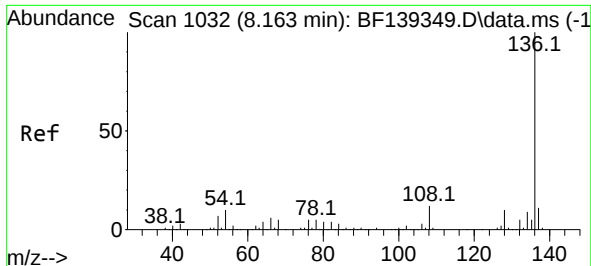
Tgt Ion: 99 Resp: 901722
Ion Ratio Lower Upper
99 100
42 25.5 21.9 32.9
71 41.3 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.596 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion: 70 Resp: 87699
Ion Ratio Lower Upper
70 100
42 60.7 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#





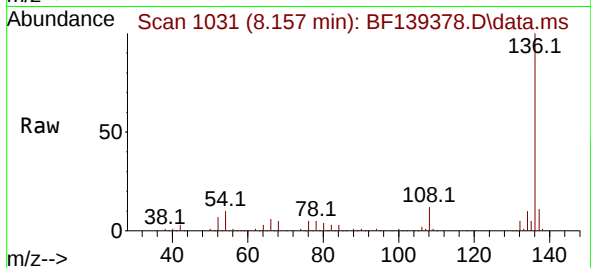
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Instrument :

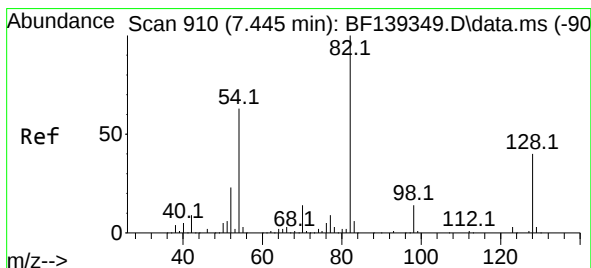
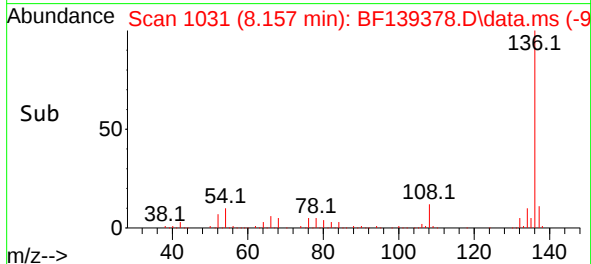
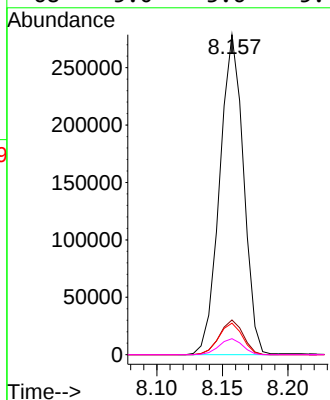
BNA_F

ClientSampleId :

PB163318BL

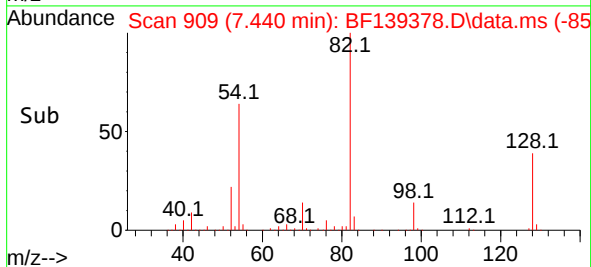
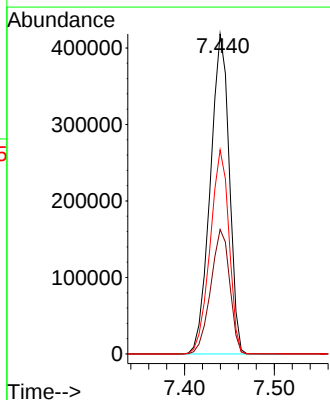
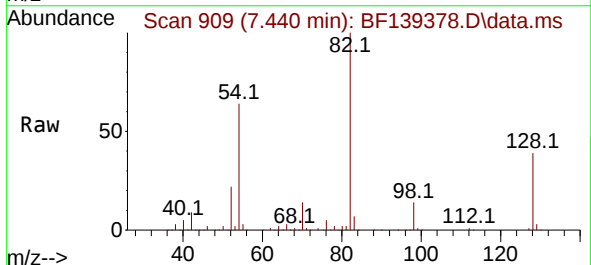


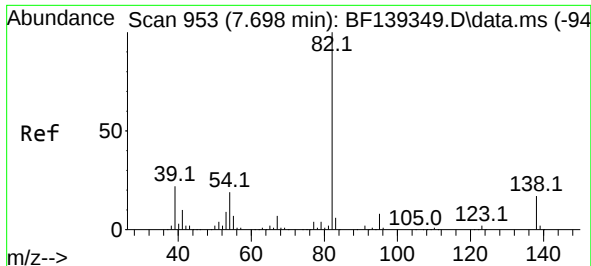
Tgt Ion:136 Resp: 352298
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 7.8 11.8
68 5.0 3.6 5.4



#23
Nitrobenzene-d5
Concen: 81.896 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion: 82 Resp: 613716
Ion Ratio Lower Upper
82 100
128 38.9 31.8 47.6
54 63.8 50.6 75.8

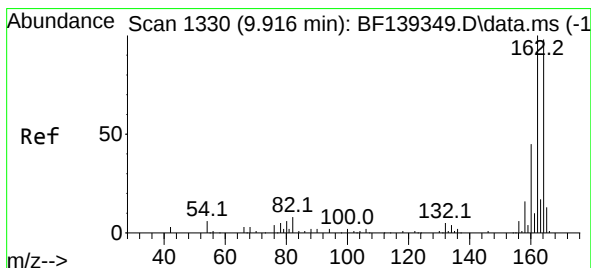
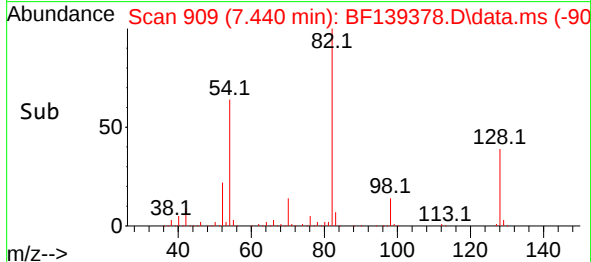
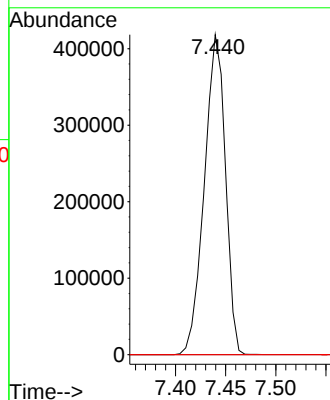
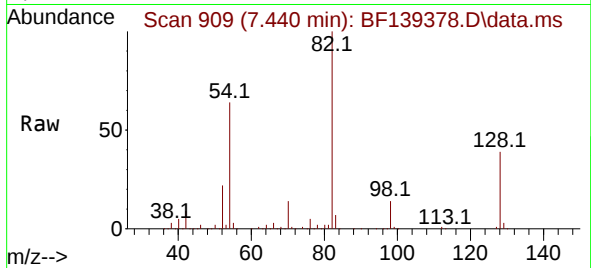




#25
Isophorone
Concen: 51.652 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

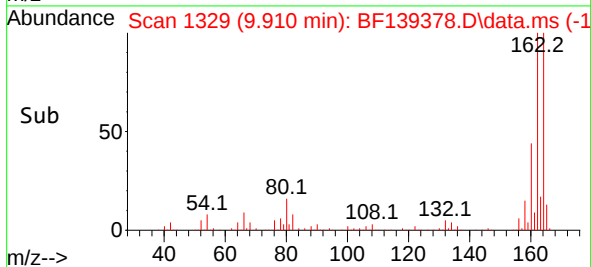
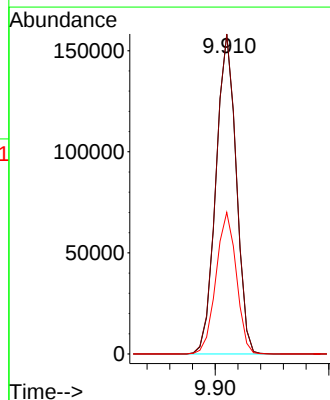
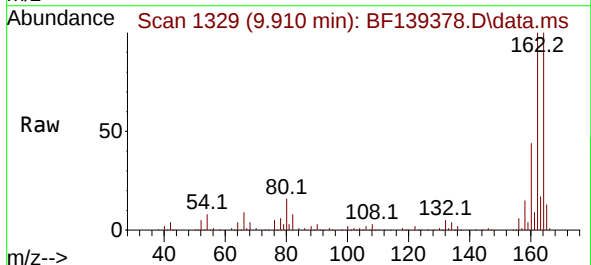
Instrument :
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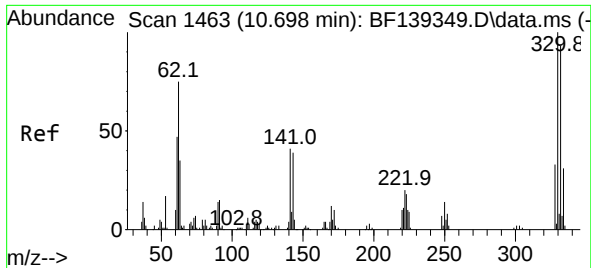
Tgt Ion: 82 Resp: 612165
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

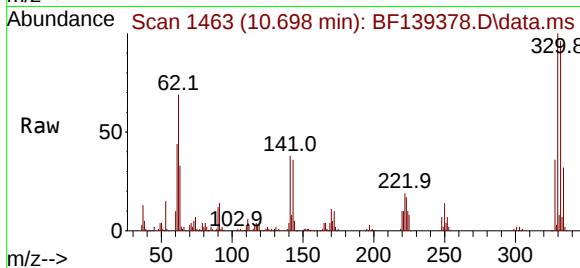
Tgt Ion:164 Resp: 195161
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 44.3 36.4 54.6



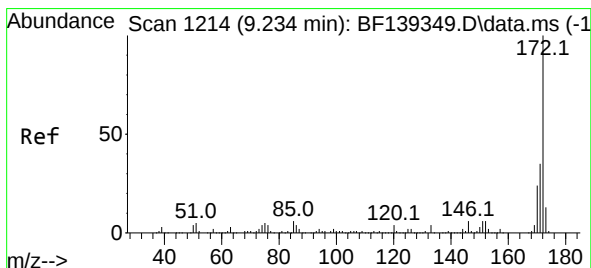
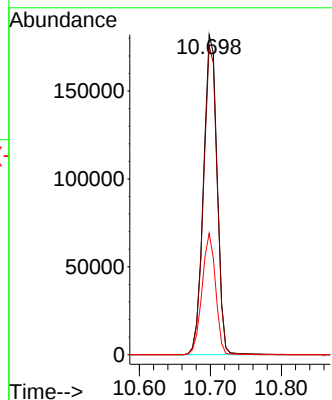
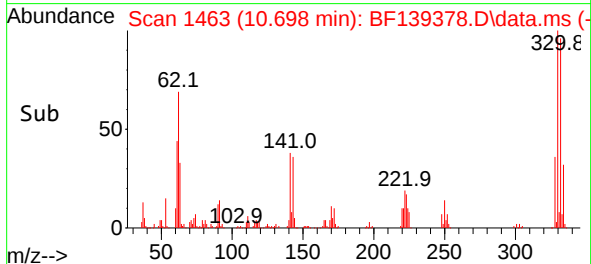


#42
2,4,6-Tribromophenol
Concen: 117.490 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB163318BL

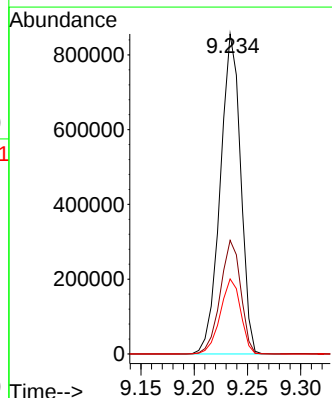
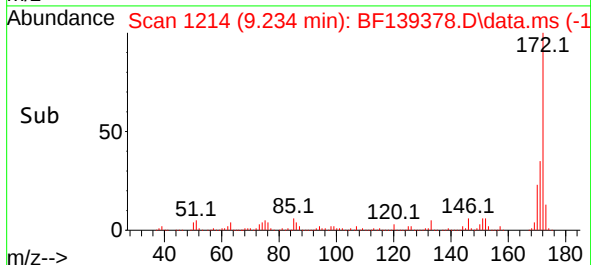
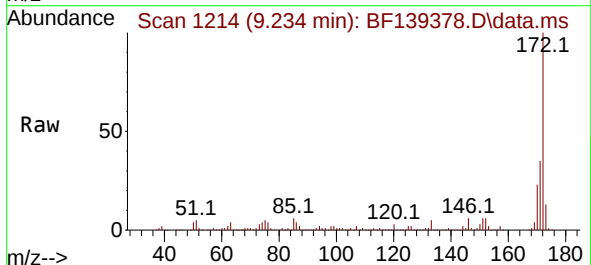


Tgt Ion:330 Resp: 244112
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 37.5 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 81.696 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

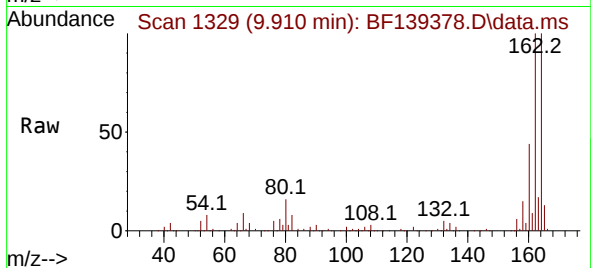
Tgt Ion:172 Resp: 1136805
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 19.0 28.6



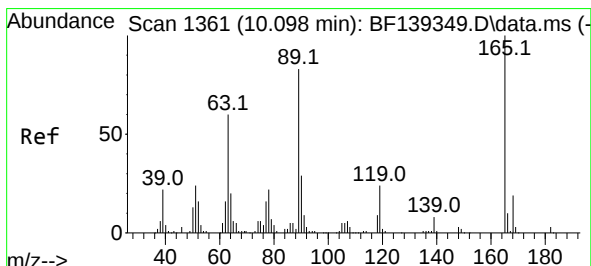
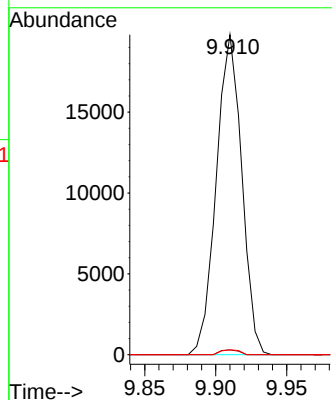
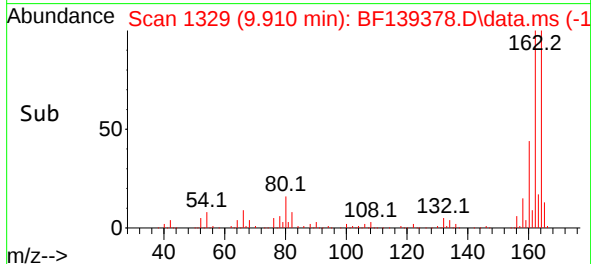


#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

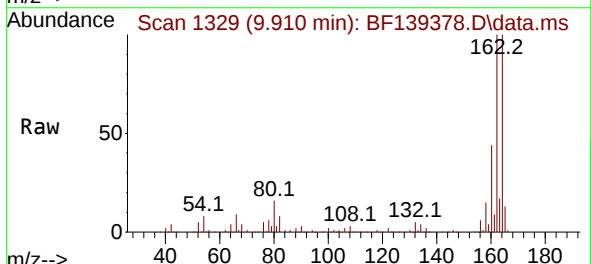
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BNA_F
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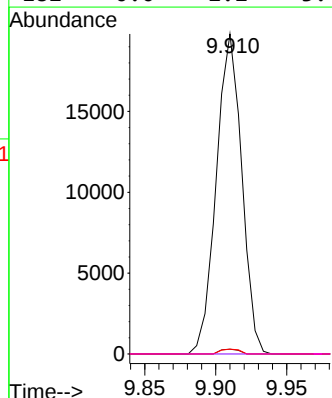
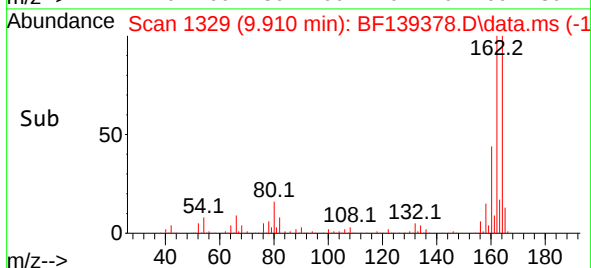
Tgt Ion:165 Resp: 24641
Ion Ratio Lower Upper
165 100
63 1.5 60.9 91.3#
89 1.5 54.7 82.1#

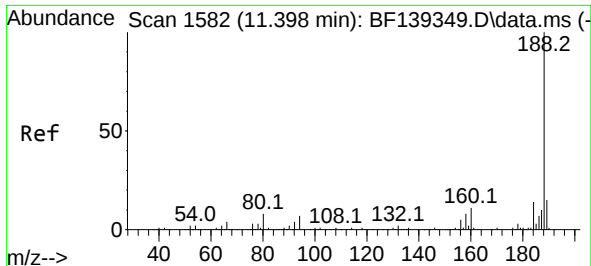


#57
2,4-Dinitrotoluene
Concen: 6.432 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04



Tgt Ion:165 Resp: 24641
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.6#
89 1.5 66.7 100.1#
182 0.0 2.2 3.4#

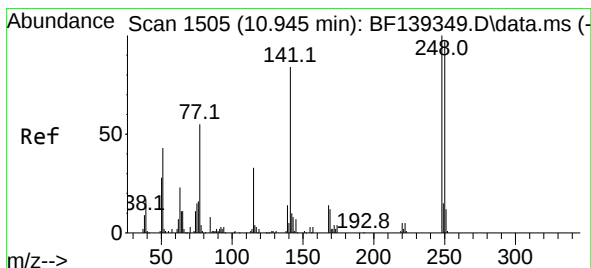
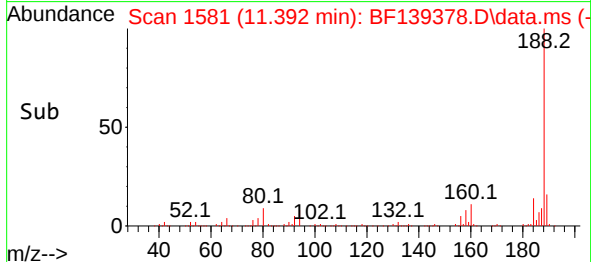
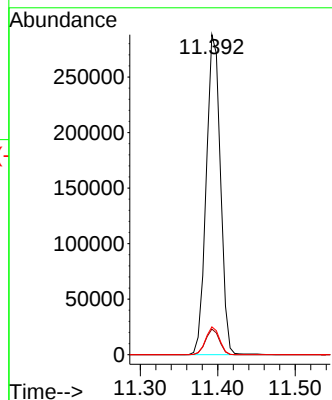
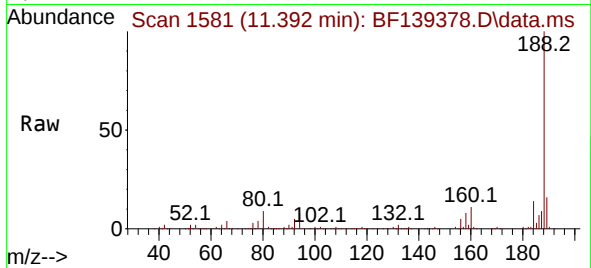




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

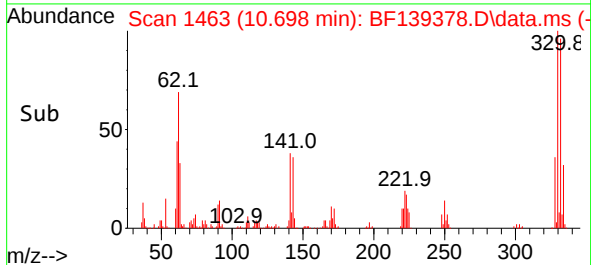
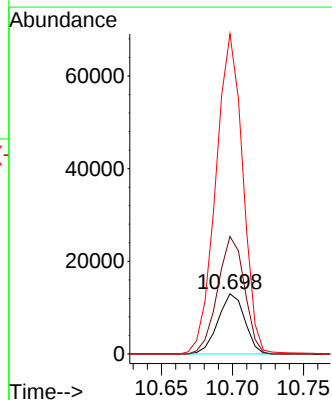
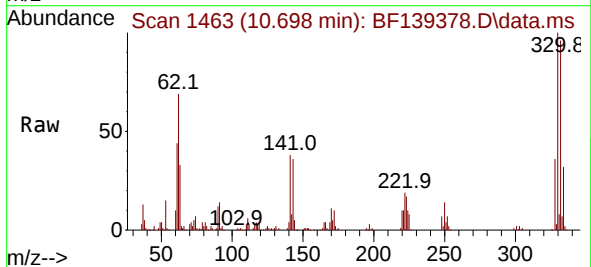
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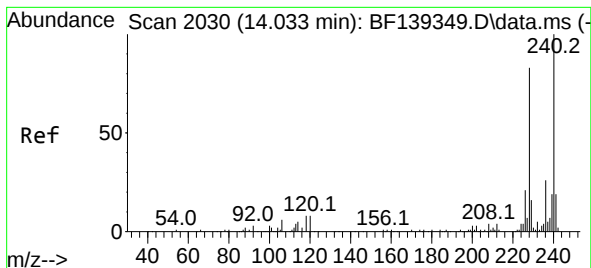
Tgt Ion:188 Resp: 366268
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 8.7 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 4.669 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion:248 Resp: 16945
Ion Ratio Lower Upper
248 100
250 194.8 77.6 116.4#
141 531.2 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139378.D

Acq: 16 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163318BL

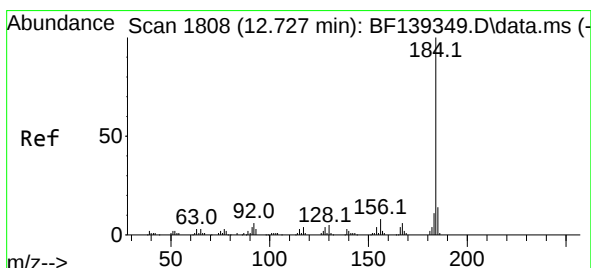
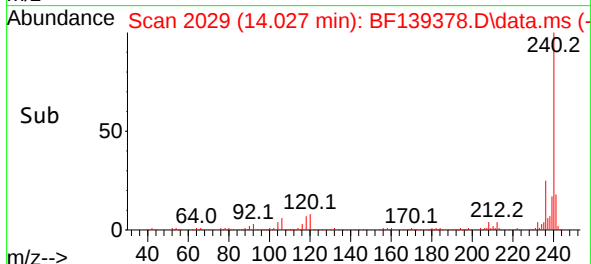
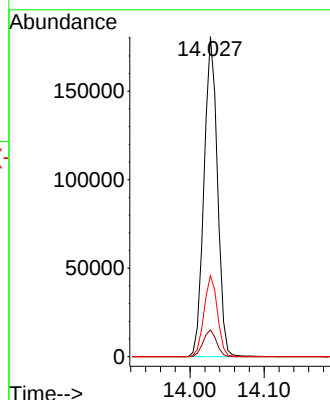
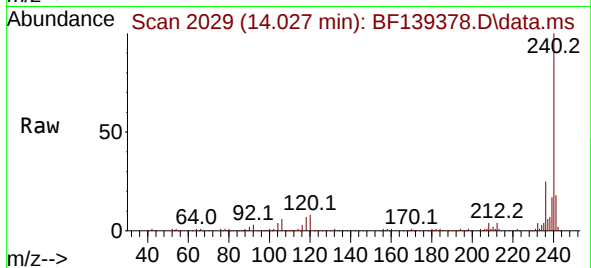
Tgt Ion:240 Resp: 227743

Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

236 25.3 20.9 31.3



#77

Benzidine

Concen: 5.213 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139378.D

Acq: 16 Sep 2024 11:04

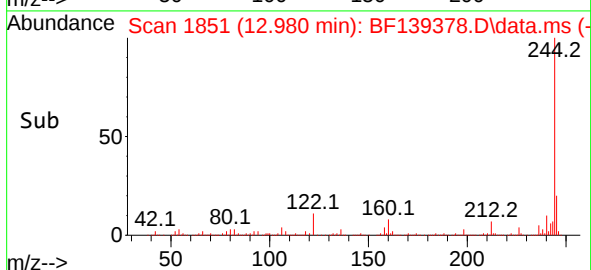
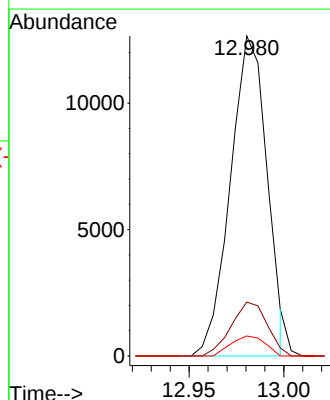
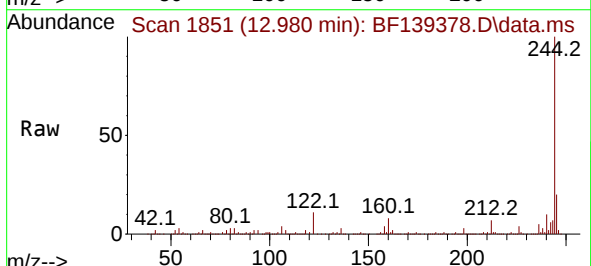
Tgt Ion:184 Resp: 17009

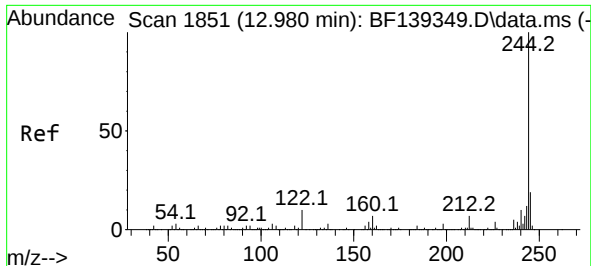
Ion Ratio Lower Upper

184 100

185 16.9 11.5 17.3

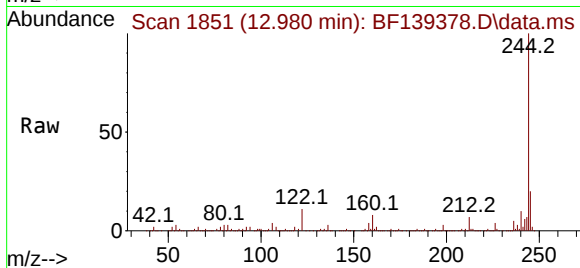
183 6.2 8.9 13.3#



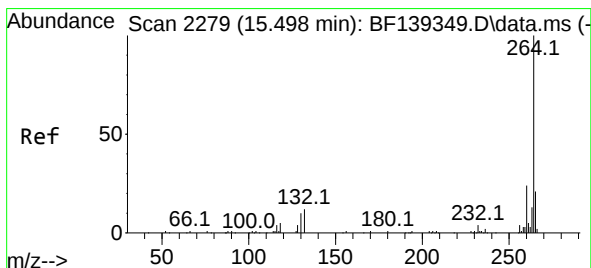
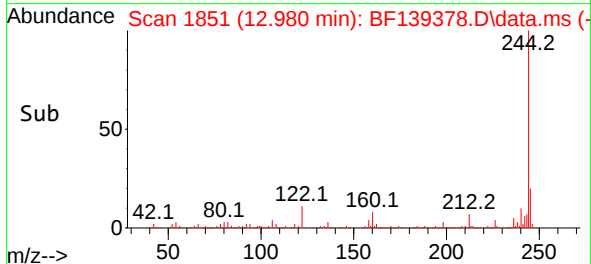
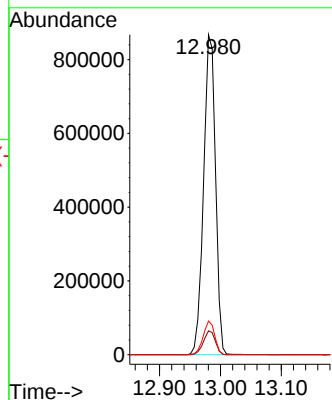


#79
Terphenyl-d14
Concen: 85.054 ng
RT: 12.980 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB163318BL



Tgt Ion:244 Resp: 1180126
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.5 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion:264 Resp: 184675
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.6 16.6 25.0

