

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082624\
 Data File : BF139160.D
 Acq On : 26 Aug 2024 10:13
 Operator : RC/JU
 Sample : PB162917BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BL

Quant Time: Aug 26 11:00:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

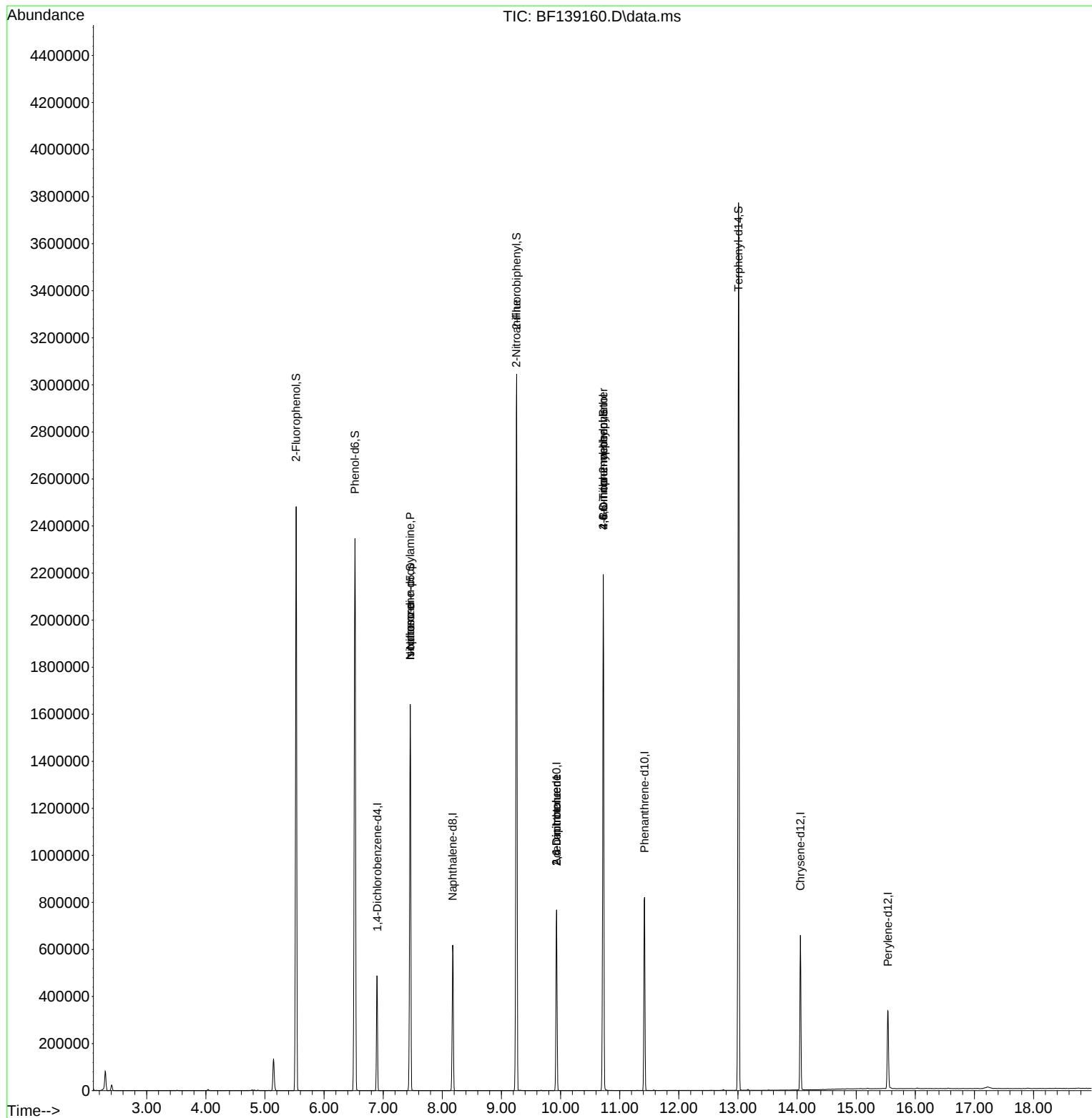
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	96502	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	378225	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	226105	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	434729	20.000	ng	0.00
76) Chrysene-d12	14.057	240	297750	20.000	ng	0.00
86) Perylene-d12	15.539	264	204481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	907773	144.725	ng	0.02
7) Phenol-d6	6.522	99	1170546	144.427	ng	0.00
23) Nitrobenzene-d5	7.457	82	802206	123.589	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	368190	179.877	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1387388	97.355	ng	0.00
79) Terphenyl-d14	13.010	244	1913862	106.655	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	111142	20.882	ng	# 77
25) Isophorone	7.457	82	801858	58.121	ng	# 69
48) 2-Nitroaniline	9.251	65	2985	6.387	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	28720	13.809	ng	# 17
57) 2,4-Dinitrotoluene	9.933	165	28720	12.782	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.722	198	905	7.095	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	25042	5.436	ng	# 1

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

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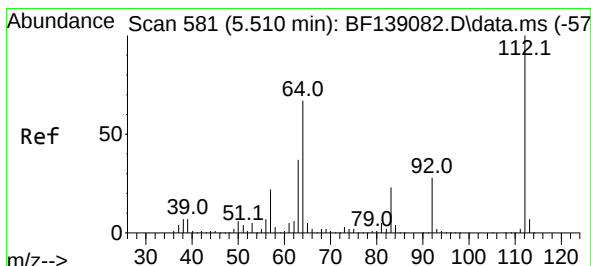
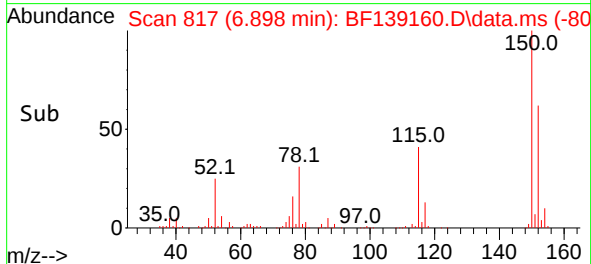
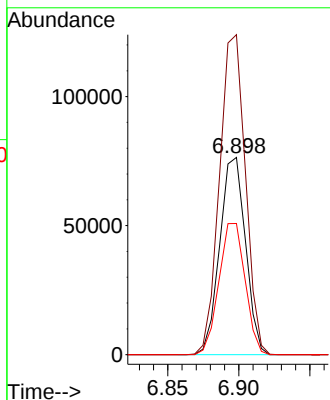
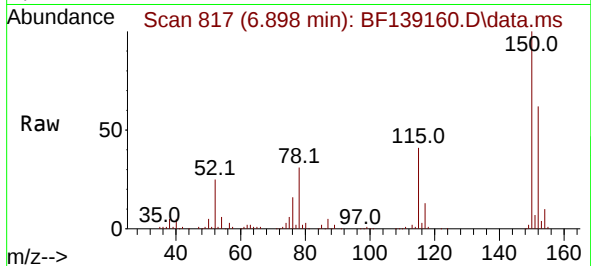




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

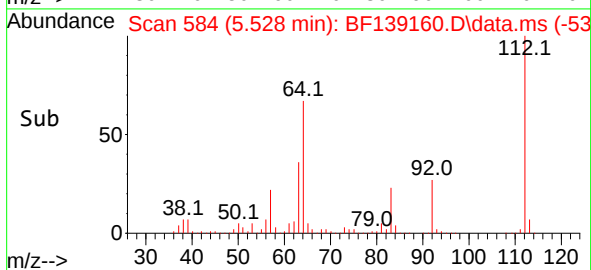
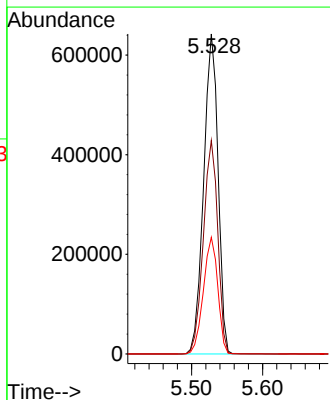
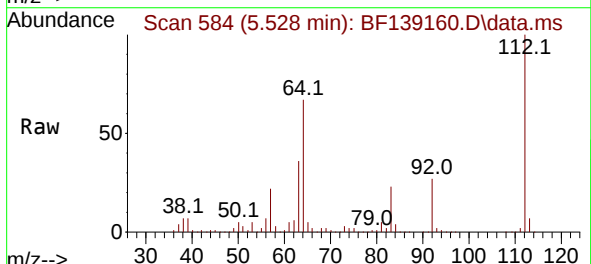
Instrument :
BNA_F
ClientSampleId :
PB162917BL

Tgt Ion:152 Resp: 96502
Ion Ratio Lower Upper
152 100
150 162.2 125.1 187.7
115 66.5 51.8 77.6



#5
2-Fluorophenol
Concen: 144.725 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.017 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion:112 Resp: 907773
Ion Ratio Lower Upper
112 100
64 66.7 53.8 80.6
63 36.5 29.4 44.2

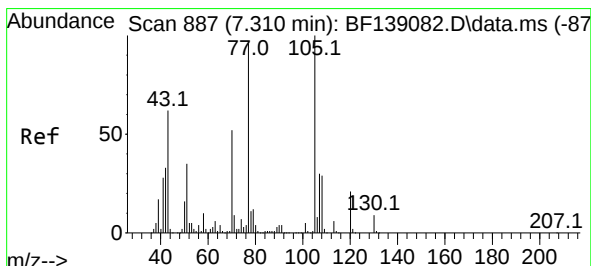
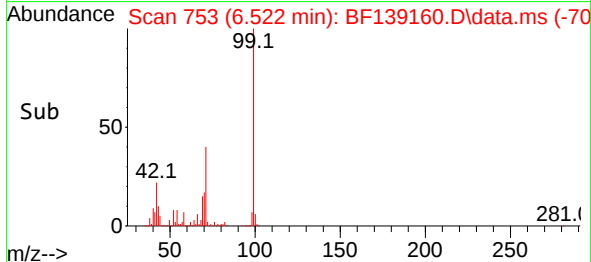
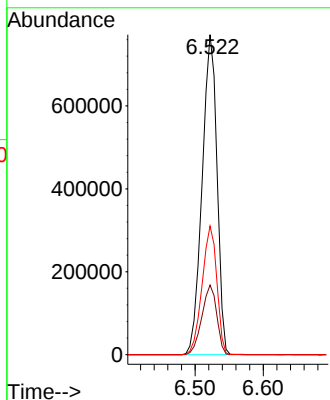
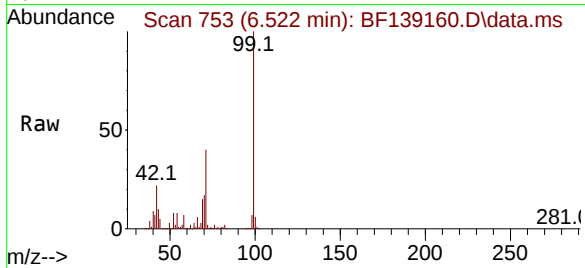




#7
Phenol-d6
Concen: 144.427 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

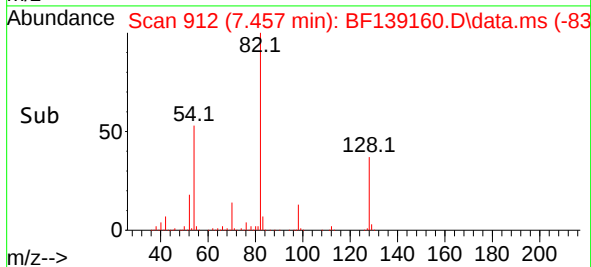
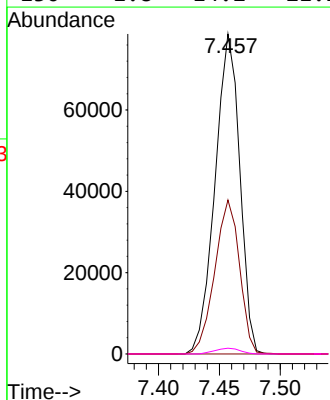
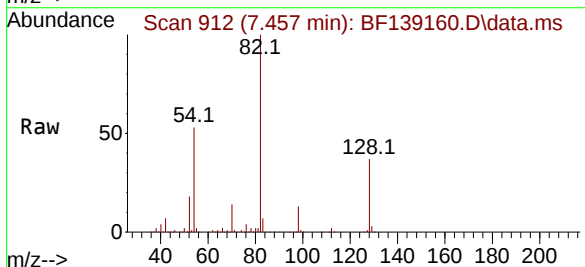
Instrument :
BNA_F
ClientSampleId :
PB162917BL

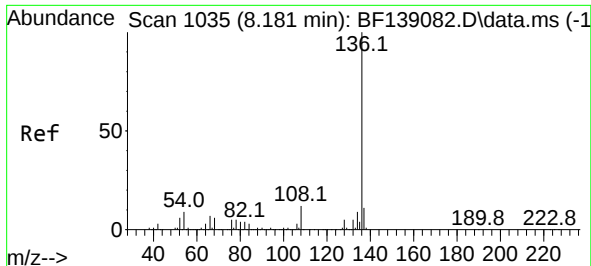
Tgt Ion: 99 Resp: 1170546
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.2
71 40.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.882 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion: 70 Resp: 111142
Ion Ratio Lower Upper
70 100
42 48.1 50.5 75.7#
101 0.0 7.2 10.8#
130 1.8 14.2 21.2#

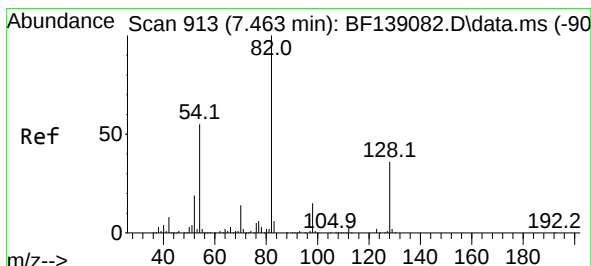
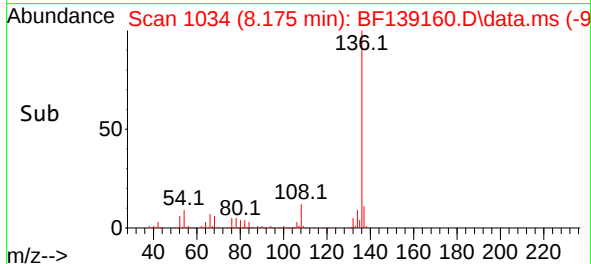
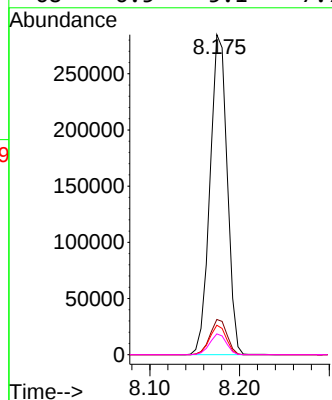
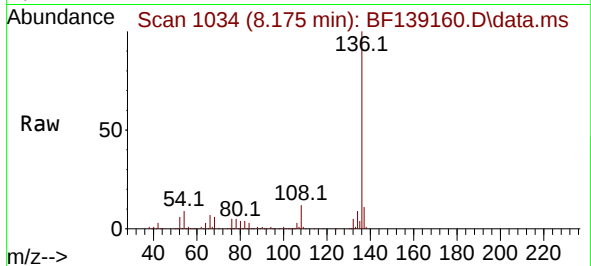




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

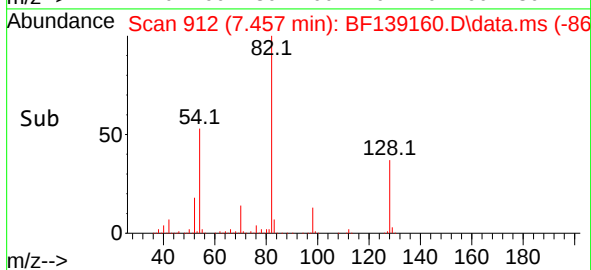
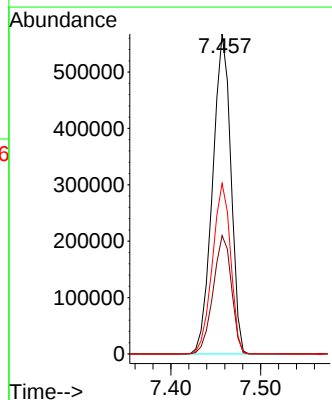
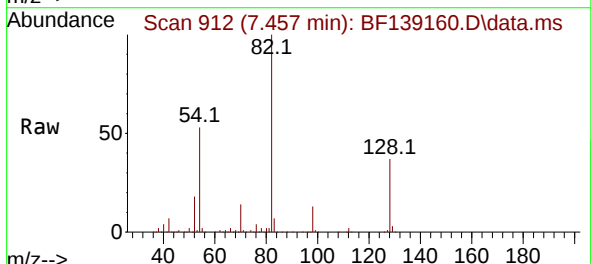
Instrument :
BNA_F
ClientSampleId :
PB162917BL

Tgt Ion:136 Resp: 378225
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.2 7.6 11.4
68 6.5 5.1 7.7



#23
Nitrobenzene-d5
Concen: 123.589 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion: 82 Resp: 802206
Ion Ratio Lower Upper
82 100
128 37.0 29.0 43.4
54 53.3 43.4 65.2

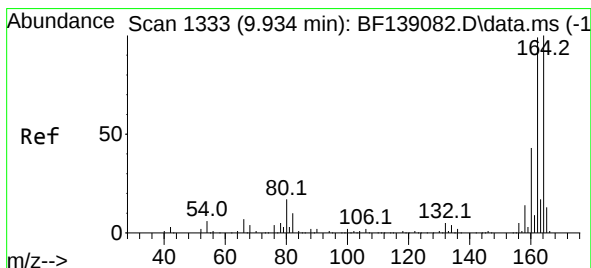
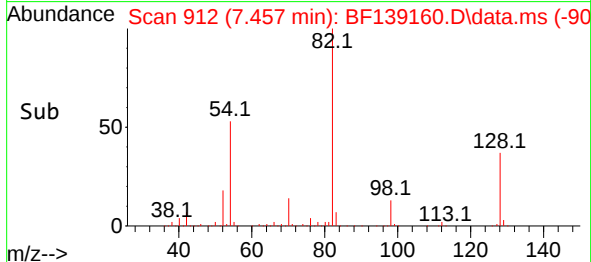
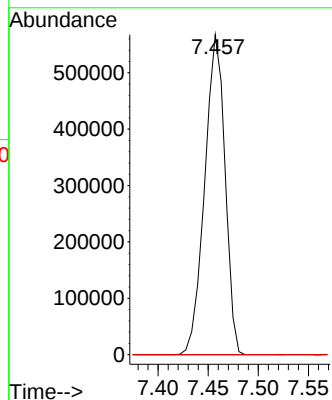
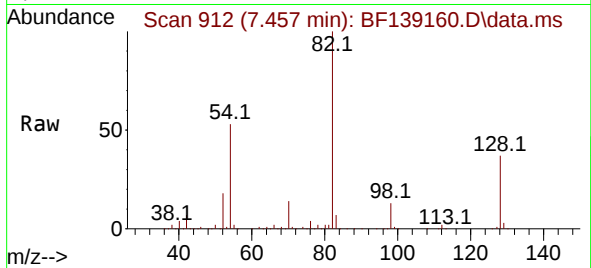




#25
Isophorone
Concen: 58.121 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

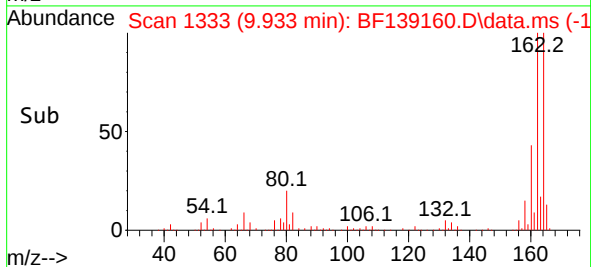
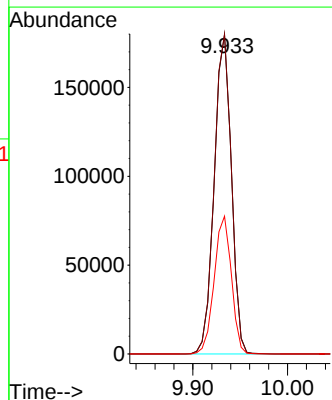
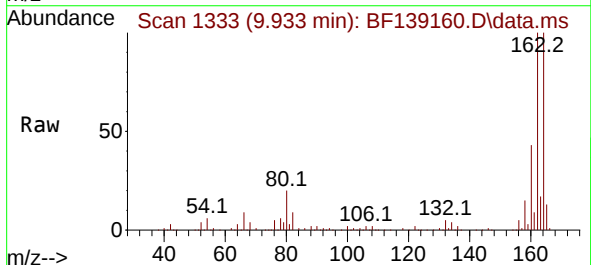
Instrument :
BNA_F
ClientSampleId :
PB162917BL

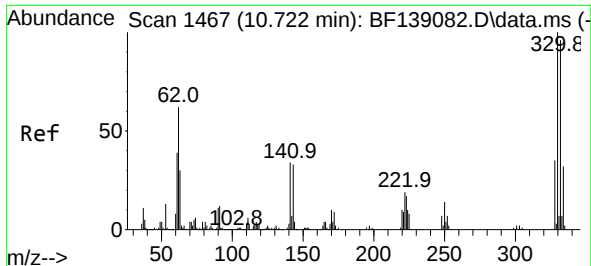
Tgt Ion: 82 Resp: 801858
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion:164 Resp: 226105
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 43.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 179.877 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF139160.D

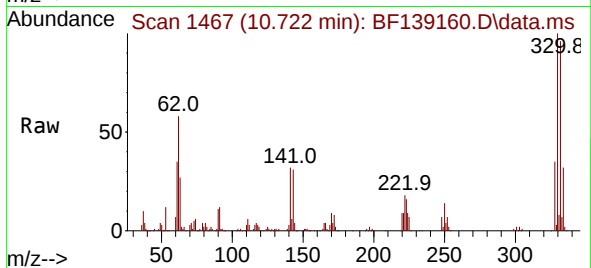
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Instrument :

BNA_F

ClientSampleId :

PB162917BL



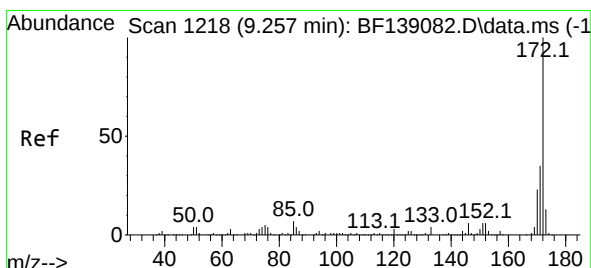
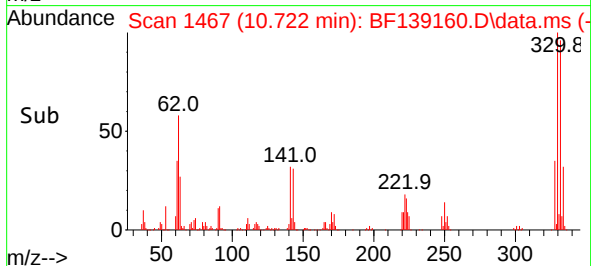
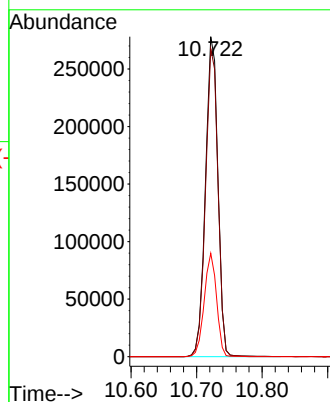
Tgt Ion:330 Resp: 368190

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 32.1 27.5 41.3



#45

2-Fluorobiphenyl

Concen: 97.355 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139160.D

Acq: 26 Aug 2024 10:13

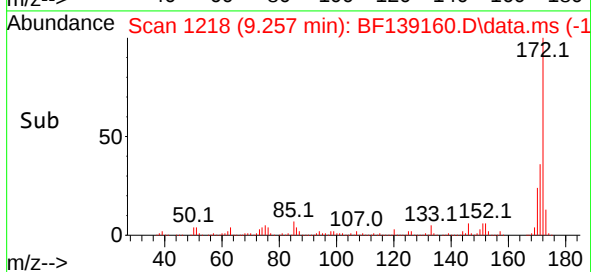
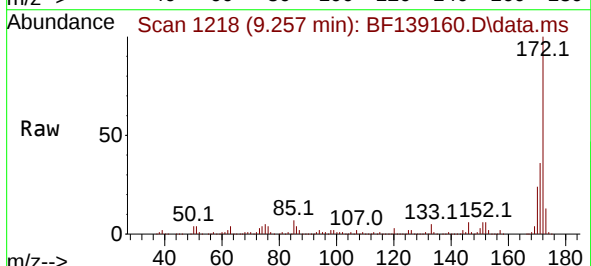
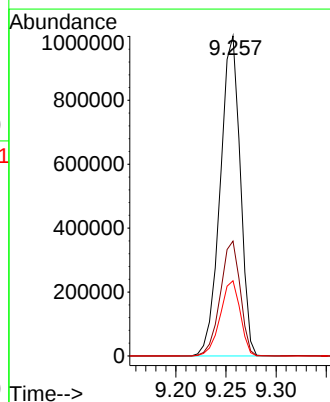
Tgt Ion:172 Resp: 1387388

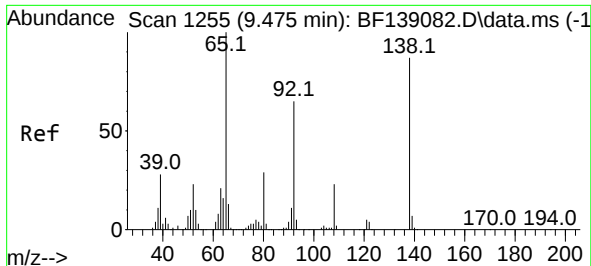
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.5 18.8 28.2

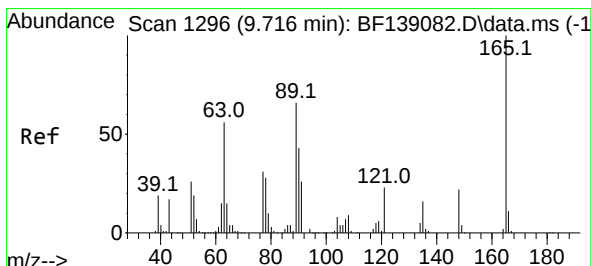
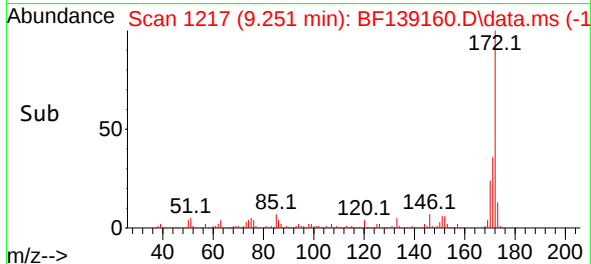
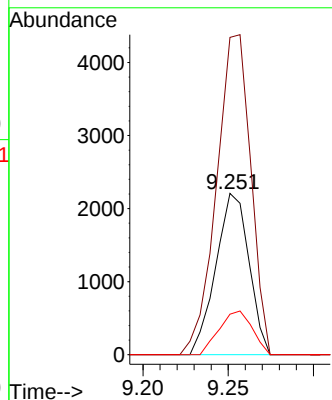
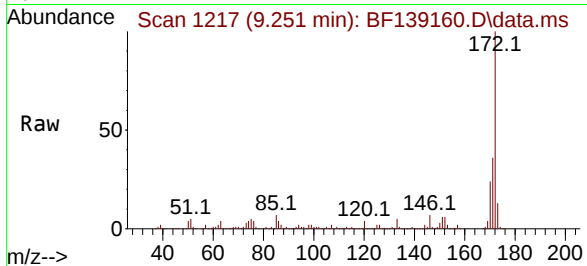




#48
2-Nitroaniline
Concen: 6.387 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

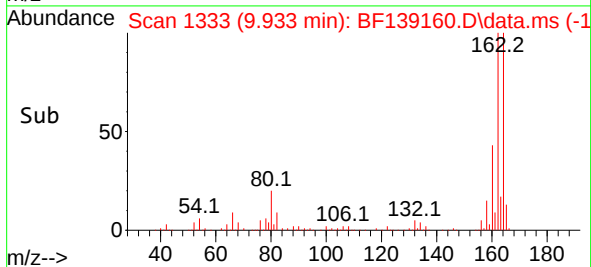
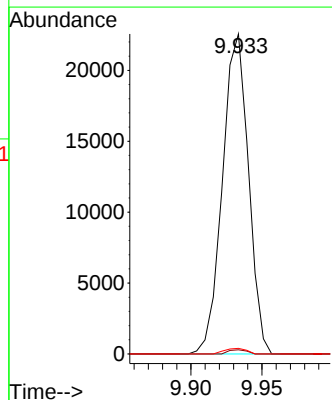
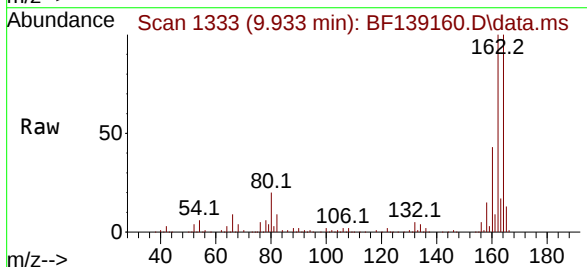
Instrument :
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ClientSampleId :
PB162917BL

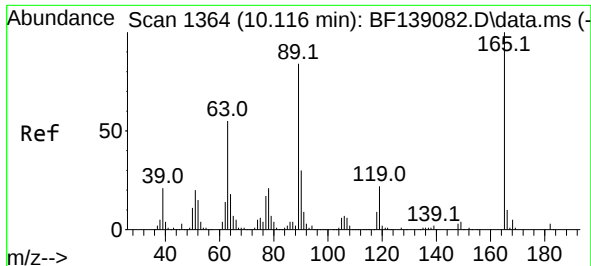
Tgt Ion: 65 Resp: 2985
Ion Ratio Lower Upper
65 100
92 196.8 52.4 78.6#
138 25.1 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 13.809 ng
RT: 9.933 min Scan# 1333
Delta R.T. 0.217 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion: 165 Resp: 28720
Ion Ratio Lower Upper
165 100
63 1.3 58.0 87.0#
89 1.8 53.3 79.9#

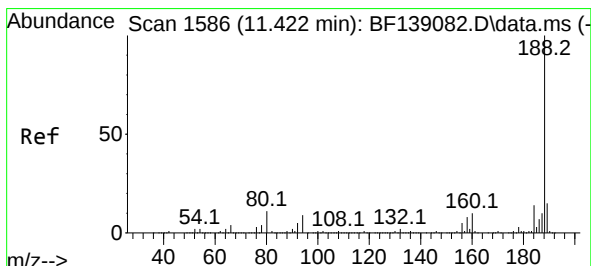
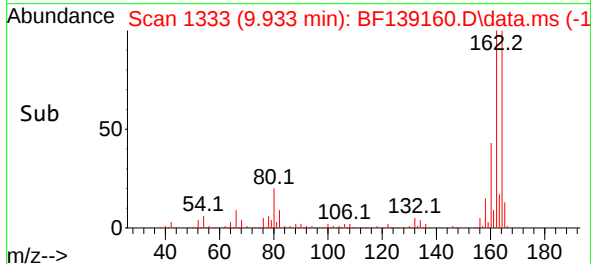
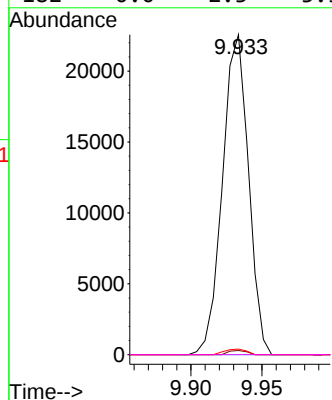
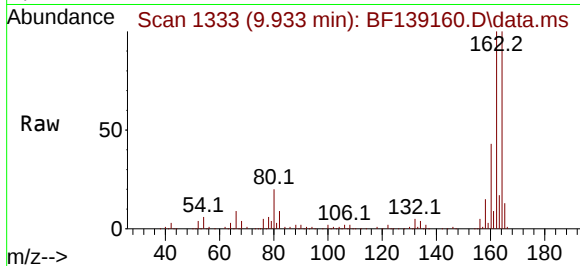




#57
2,4-Dinitrotoluene
Concen: 12.782 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

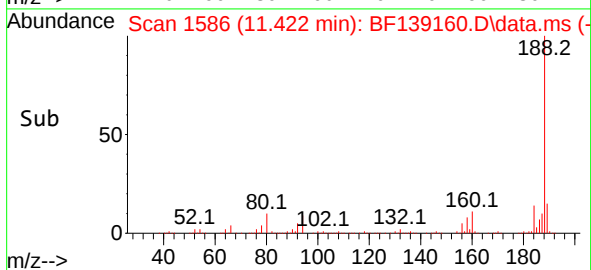
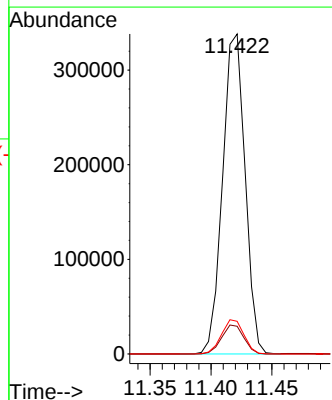
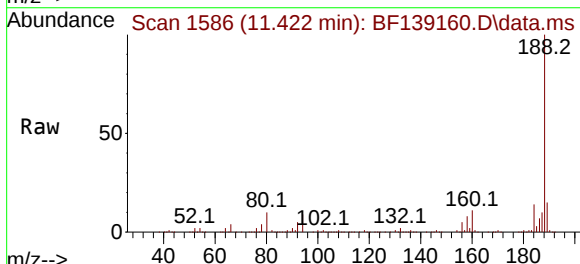
Instrument :
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PB162917BL

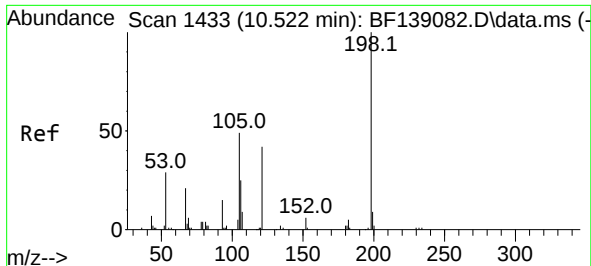
Tgt Ion:165 Resp: 28720
Ion Ratio Lower Upper
165 100
63 1.3 44.2 66.4#
89 1.8 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion:188 Resp: 434729
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.2 8.5 12.7





#65

4,6-Dinitro-2-methylphenol

Concen: 7.095 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF139160.D

Acq: 26 Aug 2024 10:13

Instrument :

BNA_F

ClientSampleId :

PB162917BL

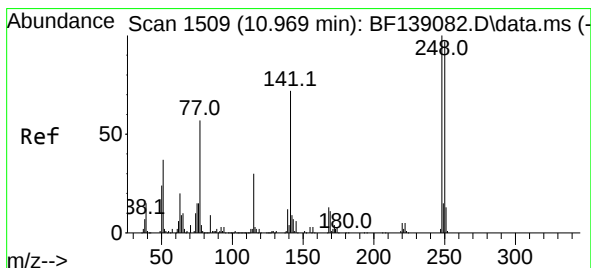
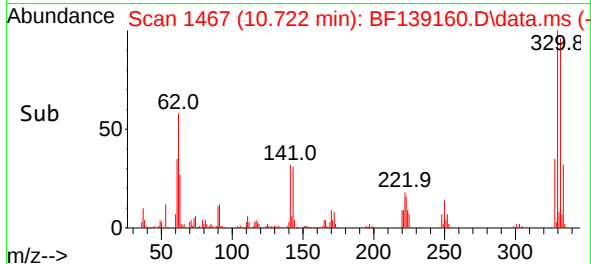
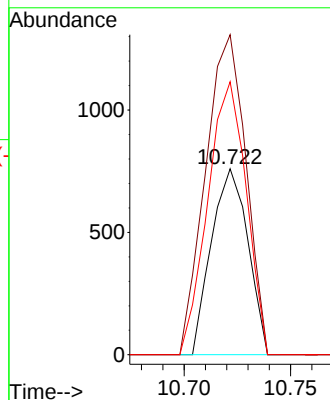
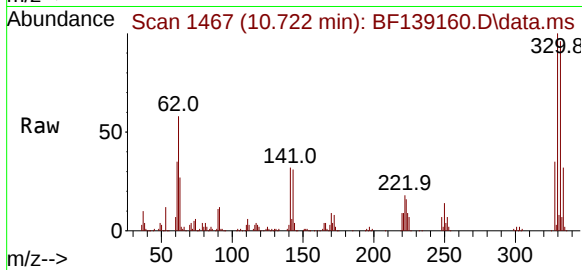
Tgt Ion:198 Resp: 905

Ion Ratio Lower Upper

198 100

51 172.1 40.8 80.8#

105 146.8 30.9 70.9#



#67

4-Bromophenyl-phenylether

Concen: 5.436 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.247 min

Lab File: BF139160.D

Acq: 26 Aug 2024 10:13

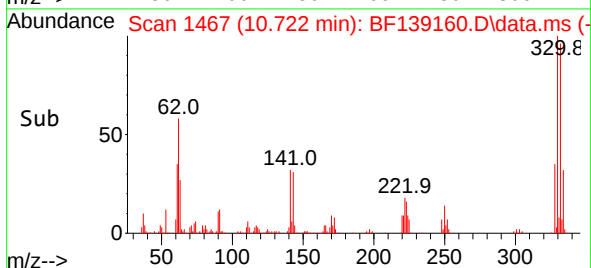
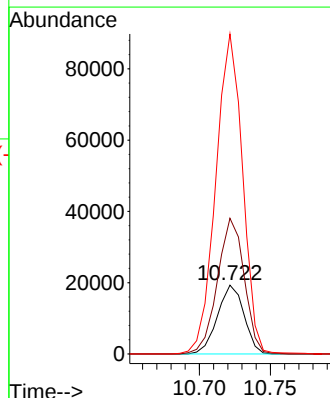
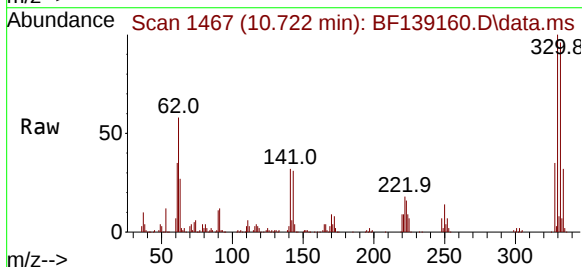
Tgt Ion:248 Resp: 25042

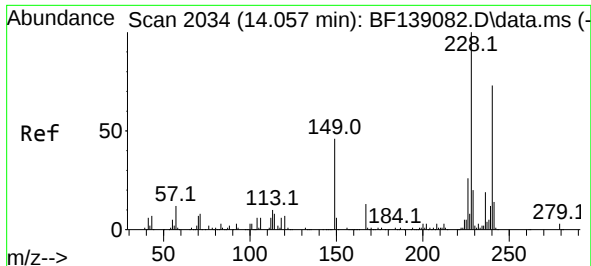
Ion Ratio Lower Upper

248 100

250 197.0 77.8 116.8#

141 464.8 57.9 86.9#

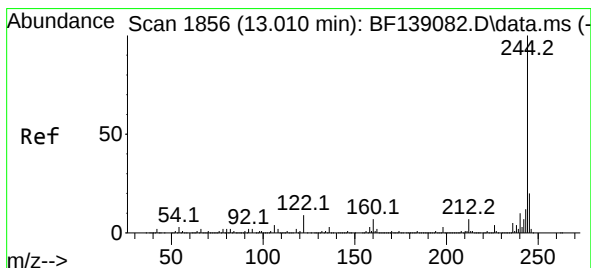
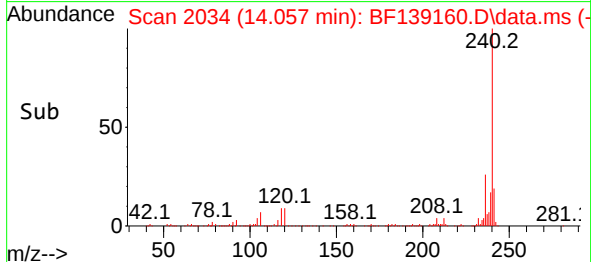
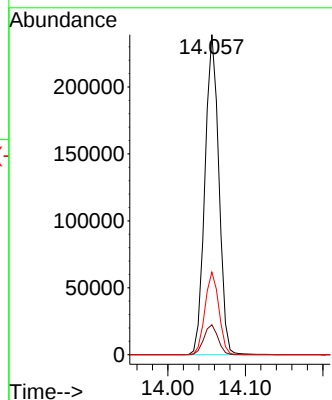
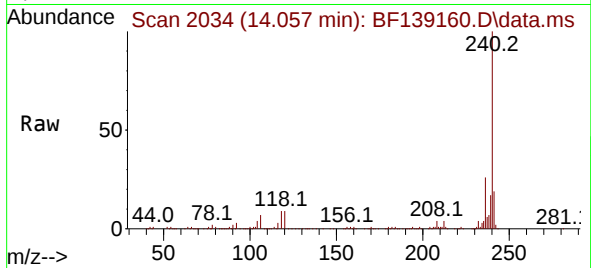




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

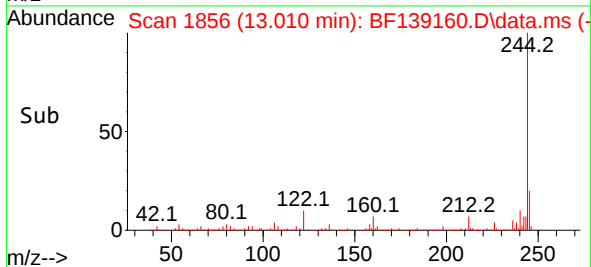
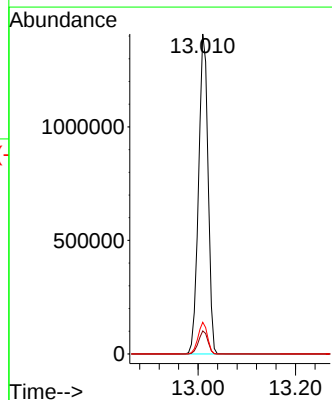
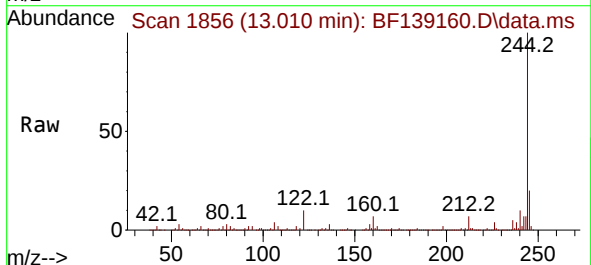
Instrument :
BNA_F
ClientSampleId :
PB162917BL

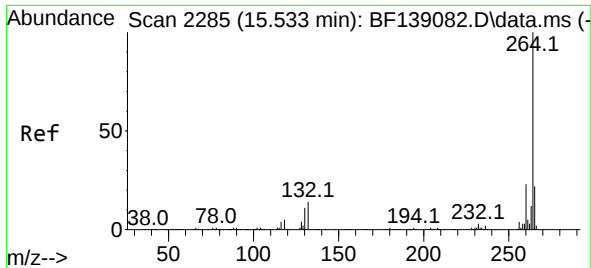
Tgt Ion:240 Resp: 297750
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 106.655 ng
RT: 13.010 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF139160.D
Acq: 26 Aug 2024 10:13

Tgt Ion:244 Resp: 1913862
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.9 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139160.D
 Acq: 26 Aug 2024 10:13

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BL

Tgt Ion:264 Resp: 204481
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.8 17.4 26.2

