

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139325.D
 Acq On : 11 Sep 2024 15:03
 Operator : RC/JU
 Sample : P3907-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-701-COMP-54

Quant Time: Sep 11 15:31:40 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)

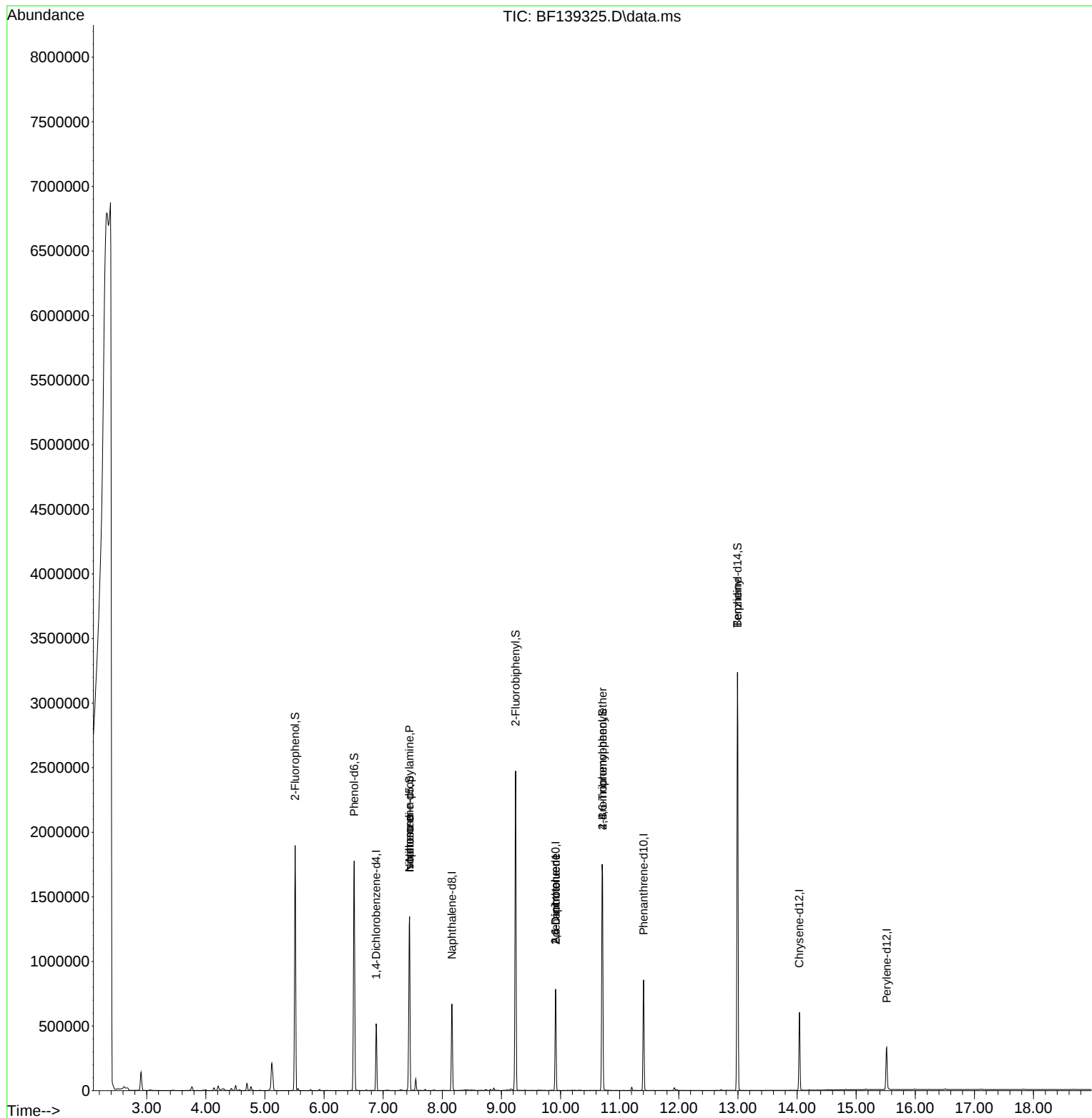
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	104021	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	396075	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	227477	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	440848	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	283373	20.000	ng	-0.01
86) Perylene-d12	15.516	264	192366	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	641520	103.169	ng	0.00
7) Phenol-d6	6.510	99	800270	96.406	ng	0.00
23) Nitrobenzene-d5	7.445	82	596904	78.401	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	278273	141.665	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1077269	73.103	ng	-0.01
79) Terphenyl-d14	12.992	244	1620358	92.323	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	81331	17.012	ng	# 74
25) Isophorone	7.445	82	594827	45.698	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	28902	9.240	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	28902	7.260	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	19042	4.452	ng	# 1
77) Benzidine	12.992	184	22005	3.857	ng	# 93

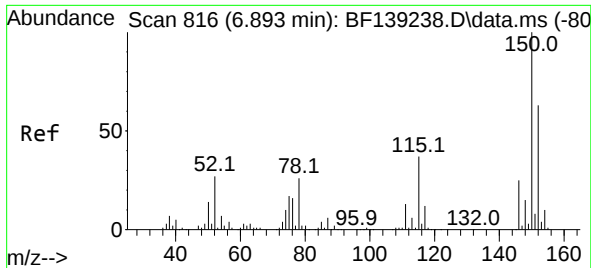
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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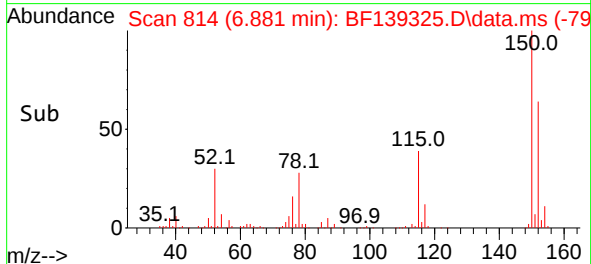
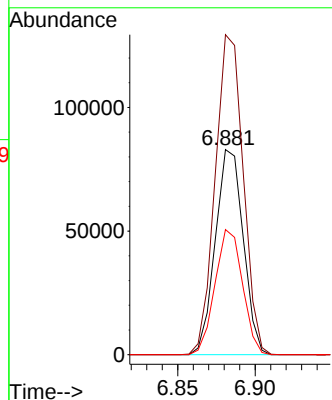
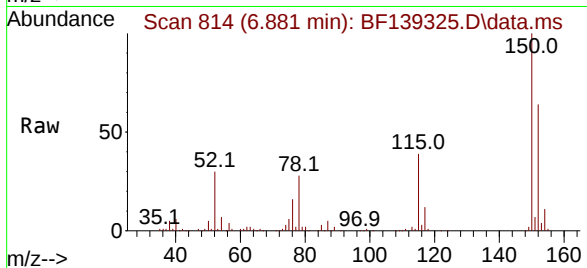




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

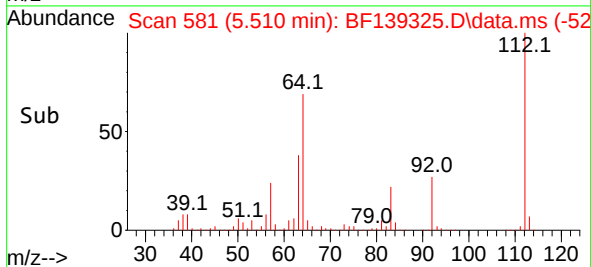
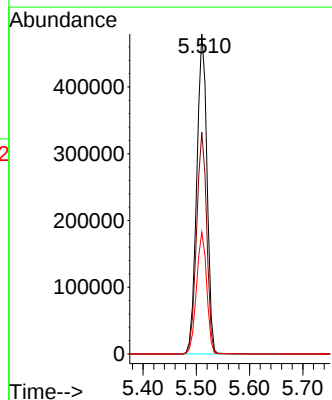
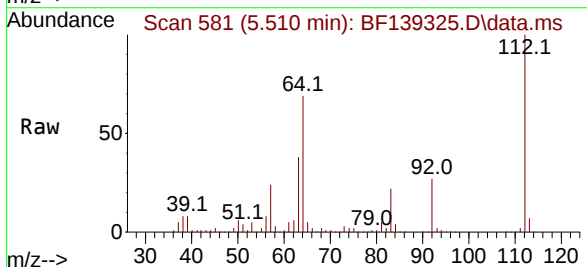
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-54

Tgt Ion:152 Resp: 104021
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 61.0 46.9 70.3



#5
2-Fluorophenol
Concen: 103.169 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion:112 Resp: 641520
Ion Ratio Lower Upper
112 100
64 69.3 55.0 82.4
63 38.1 29.9 44.9





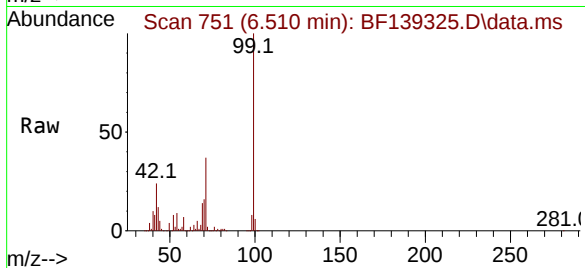
#7
Phenol-d6
Concen: 96.406 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Instrument :

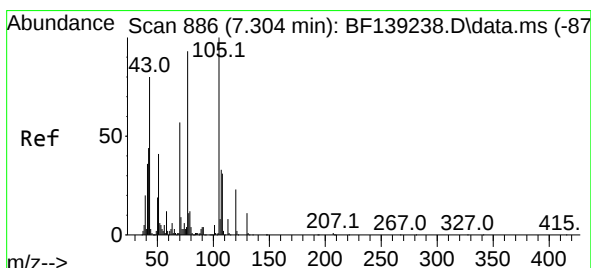
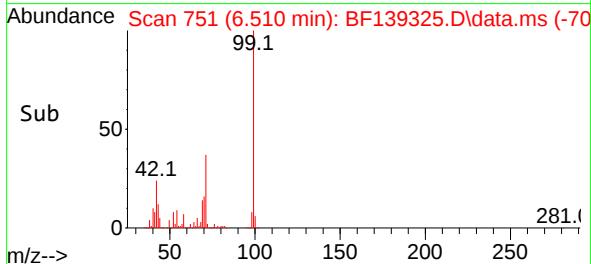
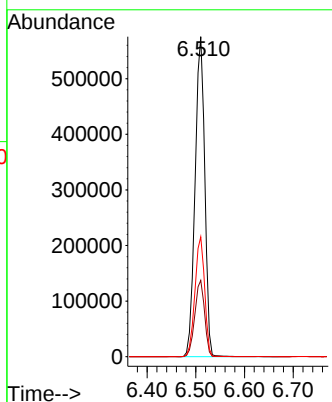
BNA_F

ClientSampleId :

PL-701-COMP-54

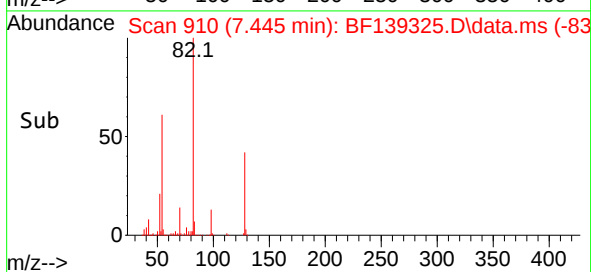
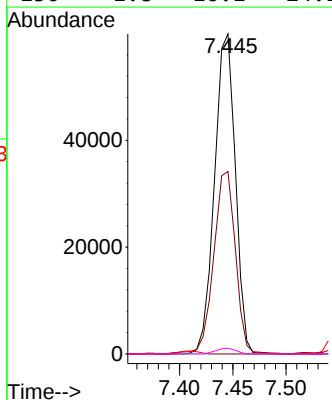
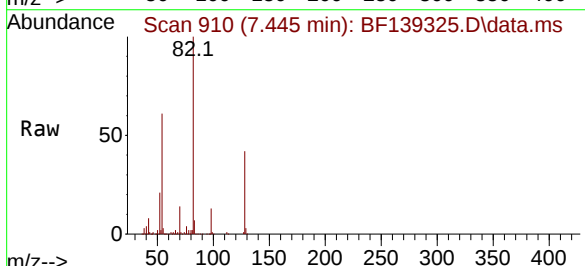


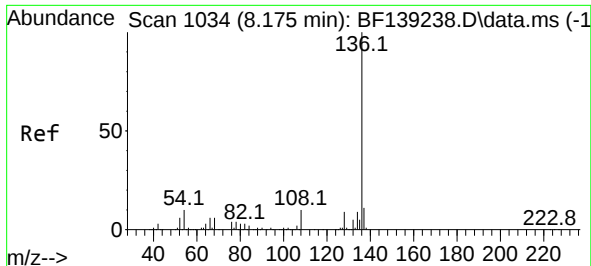
Tgt Ion: 99 Resp: 800270
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 37.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.012 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion: 70 Resp: 81331
Ion Ratio Lower Upper
70 100
42 57.1 61.0 91.6#
101 0.0 7.2 10.8#
130 1.8 16.1 24.1#

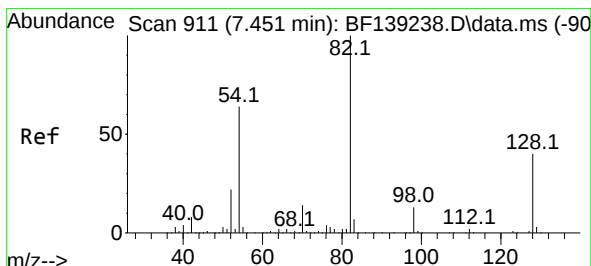
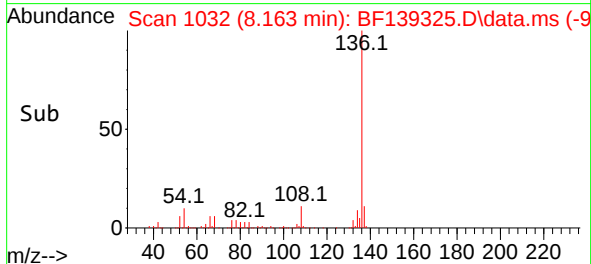
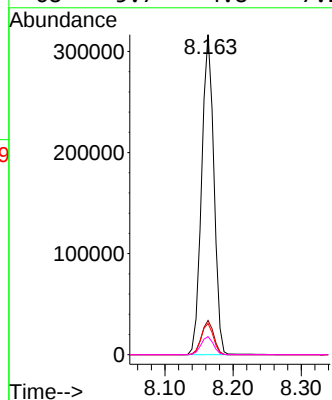
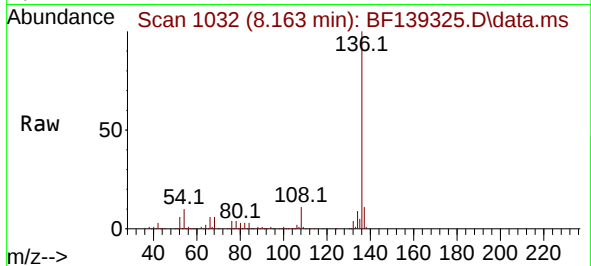




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

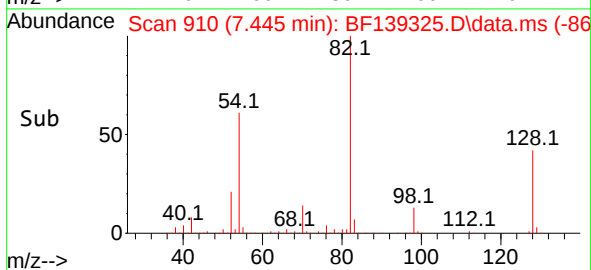
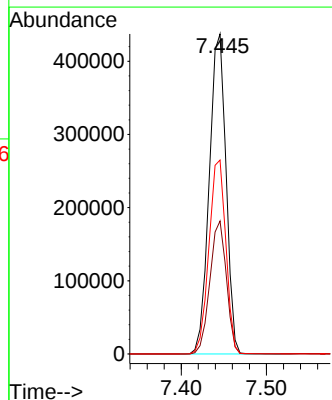
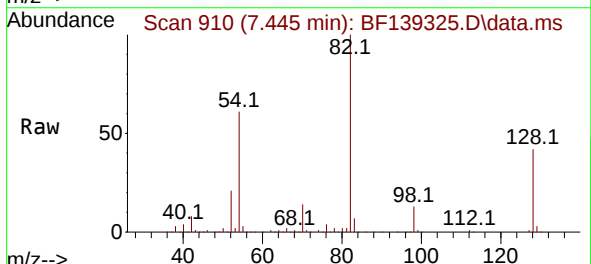
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-54

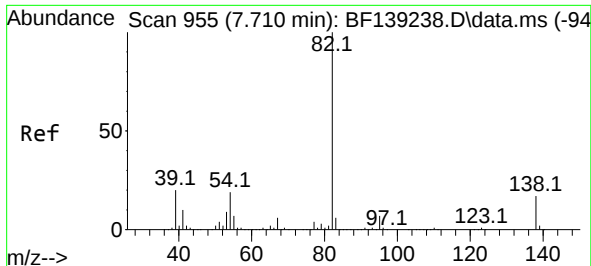
Tgt	Ion:136	Resp:	396075
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.8	8.4	12.6
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 78.401 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion: 82	Resp: 596904
Ion Ratio	Lower Upper
82 100	
128 41.5	32.3 48.5
54 60.6	51.2 76.8

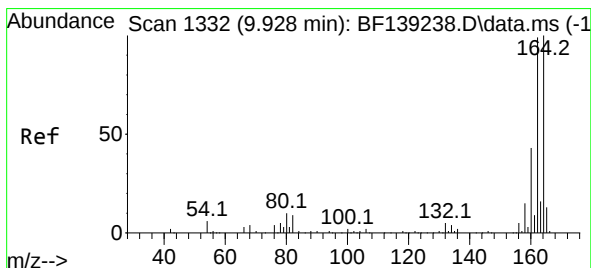
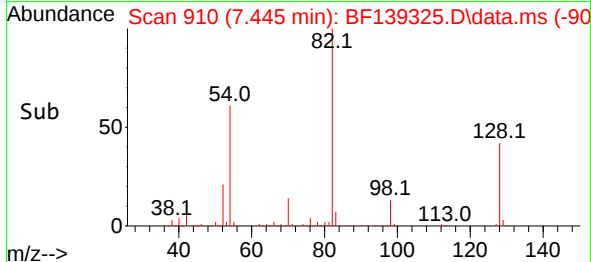
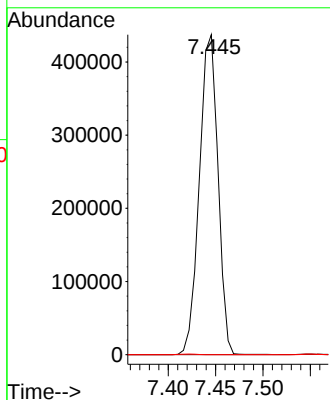
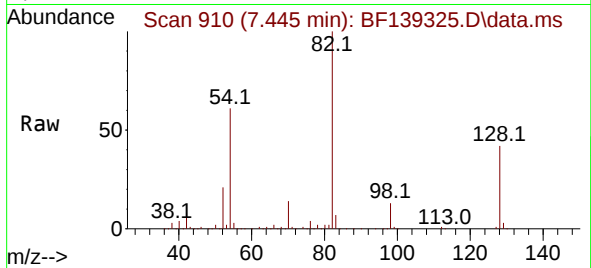




#25
Isophorone
Concen: 45.698 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

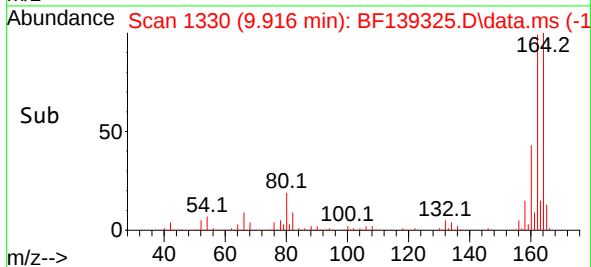
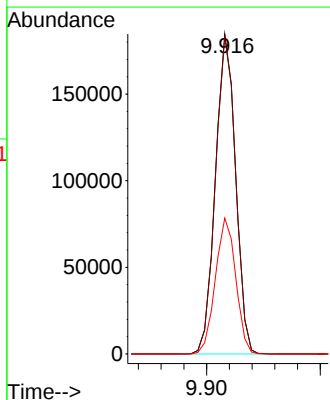
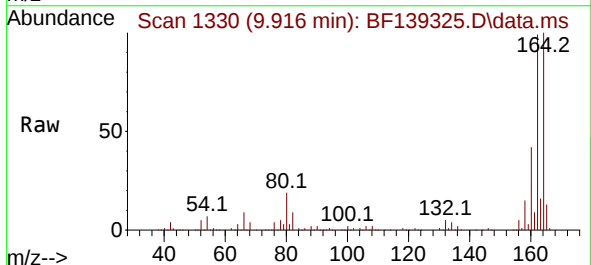
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-54

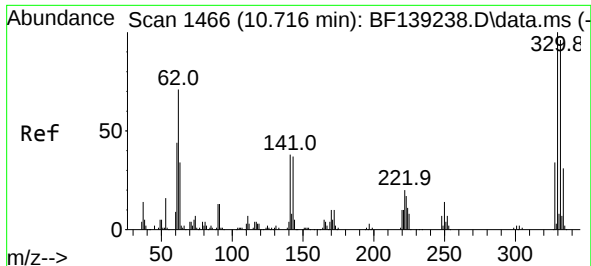
Tgt Ion: 82 Resp: 594827
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

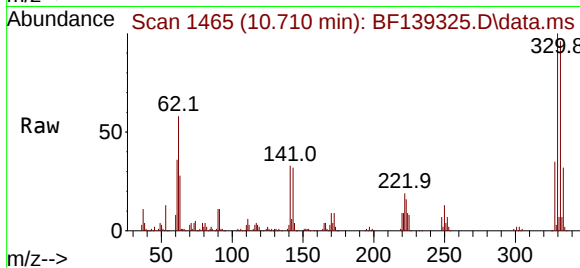
Tgt Ion:164 Resp: 227477
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 42.5 34.2 51.2



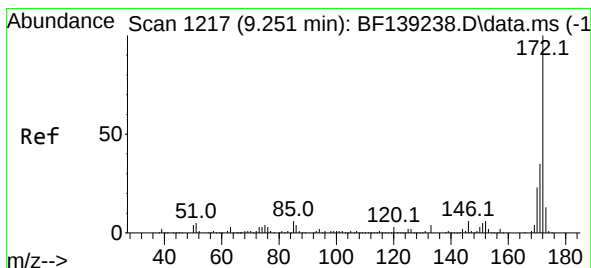
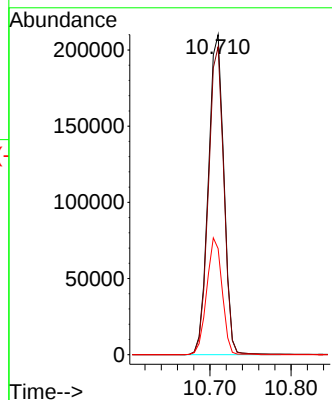
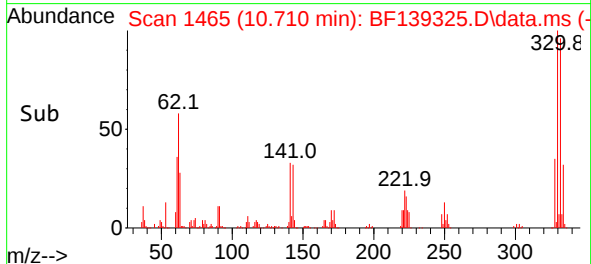


#42
2,4,6-Tribromophenol
Concen: 141.665 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-54

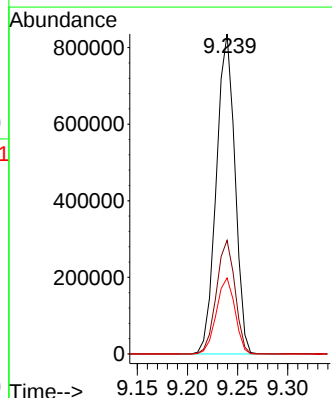
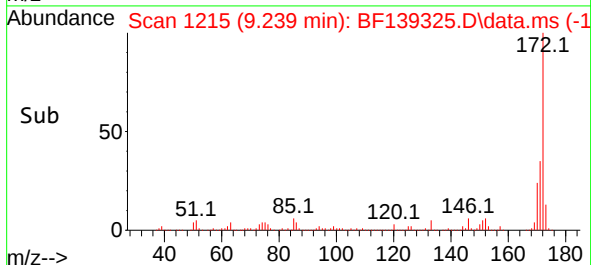
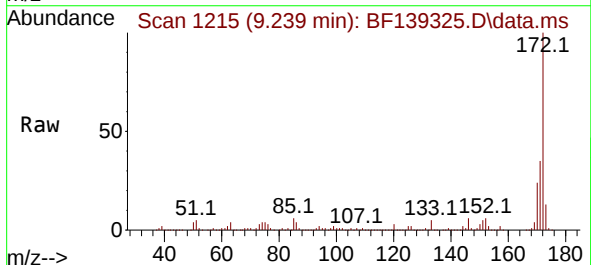


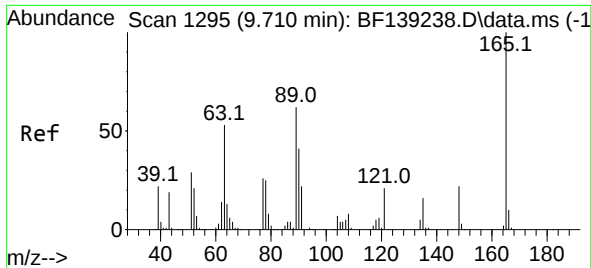
Tgt Ion:330 Resp: 278273
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 36.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 73.103 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion:172 Resp: 1077269
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.8 18.7 28.1

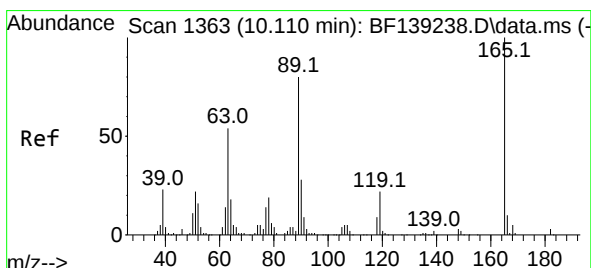
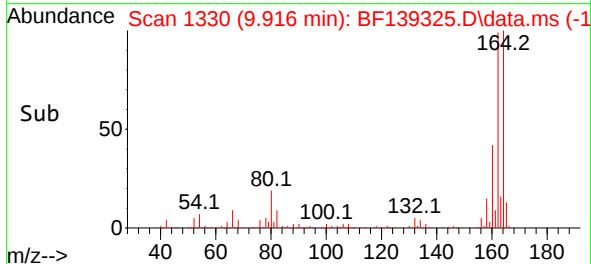
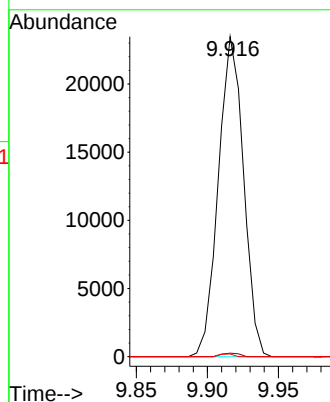
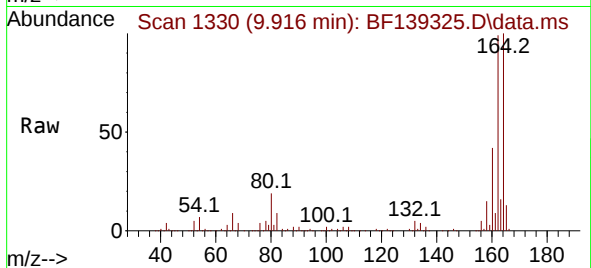




#51
2,6-Dinitrotoluene
Concen: 9.240 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

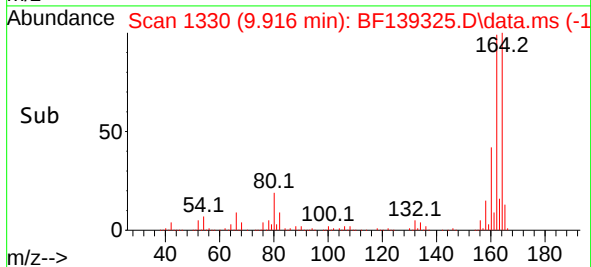
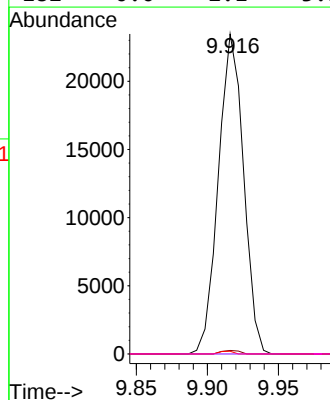
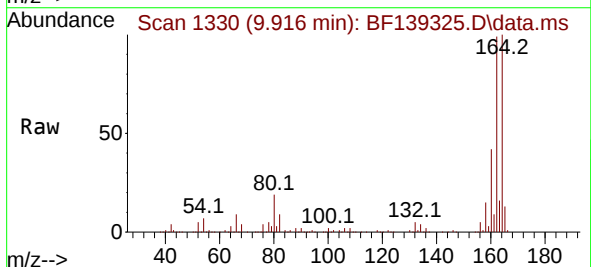
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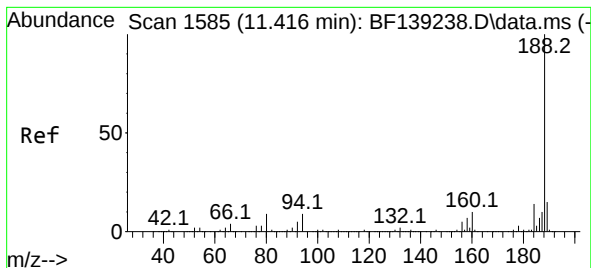
Tgt Ion:165 Resp: 28902
Ion Ratio Lower Upper
165 100
63 1.1 56.1 84.1#
89 0.9 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 7.260 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF139325.D
Acq: 11 Sep 2024 15:03

Tgt Ion:165 Resp: 28902
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 0.9 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: BF139325.D

Acq: 11 Sep 2024 15:03

Instrument :

BNA_F

ClientSampleId :

PL-701-COMP-54

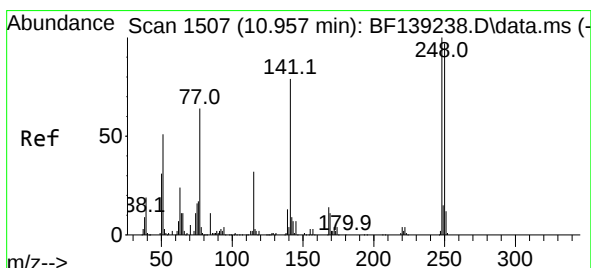
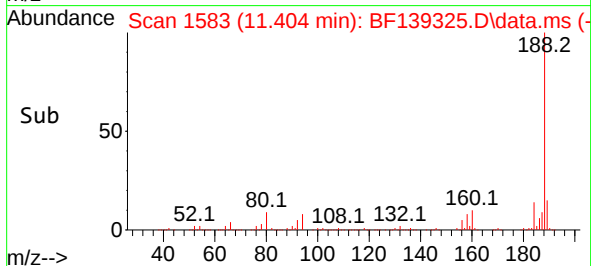
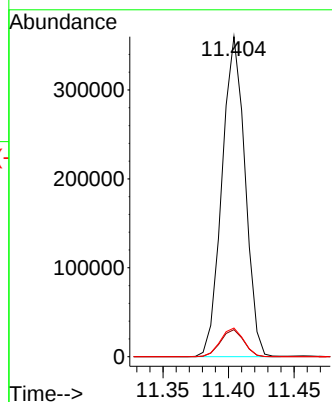
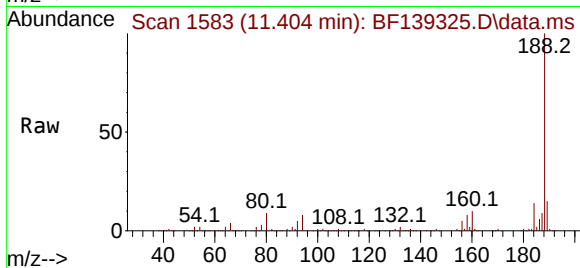
Tgt Ion:188 Resp: 440848

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 8.9 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.452 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139325.D

Acq: 11 Sep 2024 15:03

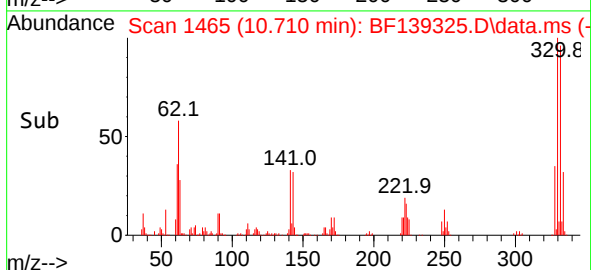
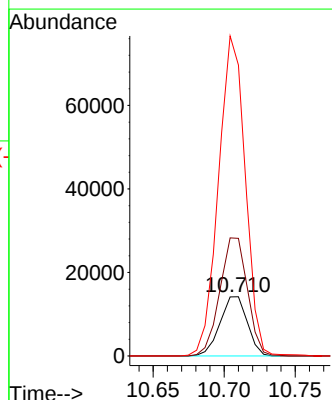
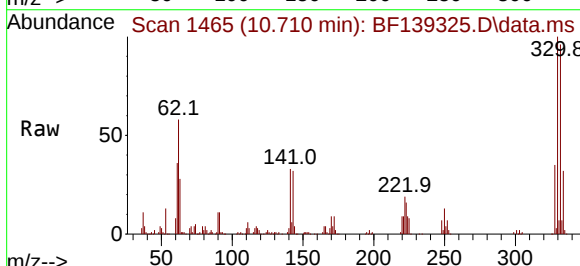
Tgt Ion:248 Resp: 19042

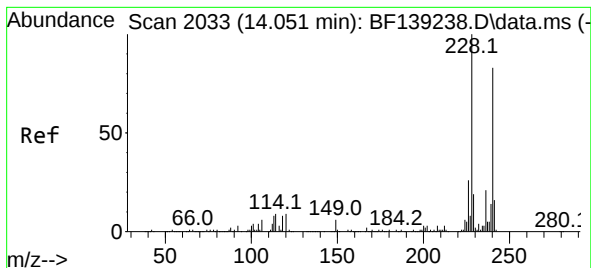
Ion Ratio Lower Upper

248 100

250 198.8 77.2 115.8#

141 491.5 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: BF139325.D

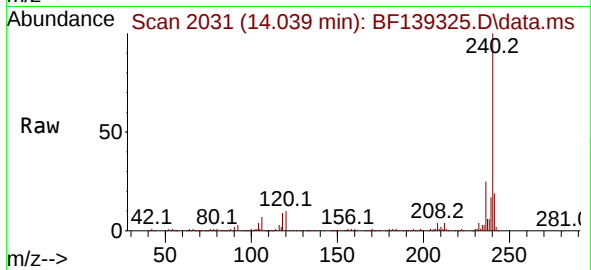
Acq: 11 Sep 2024 15:03

Instrument :

BNA_F

ClientSampleId :

PL-701-COMP-54



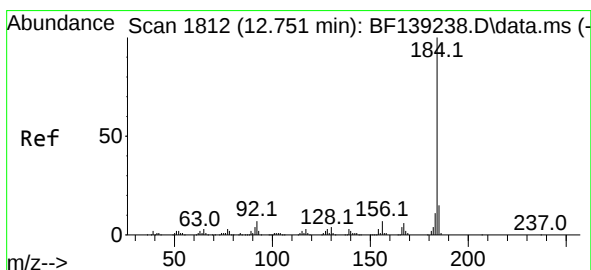
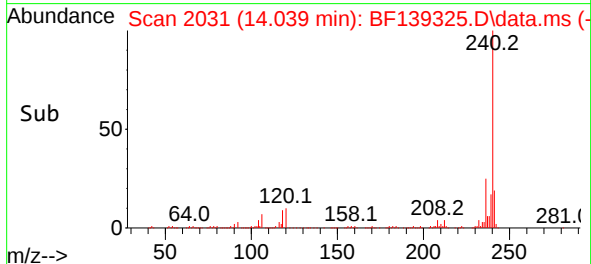
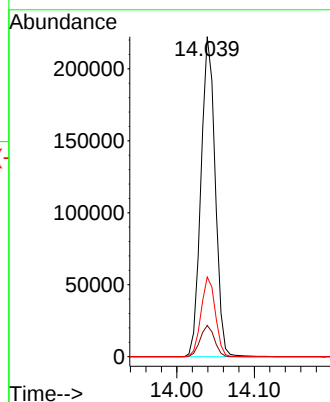
Tgt Ion:240 Resp: 283373

Ion Ratio Lower Upper

240 100

120 9.8 8.6 12.8

236 24.9 20.7 31.1



#77

Benzidine

Concen: 3.857 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139325.D

Acq: 11 Sep 2024 15:03

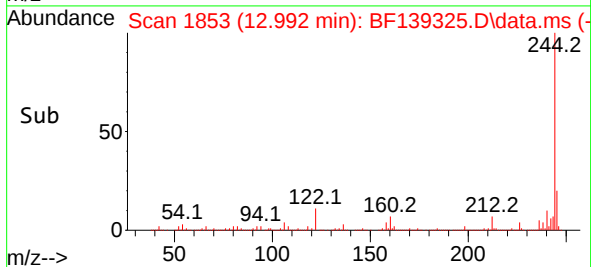
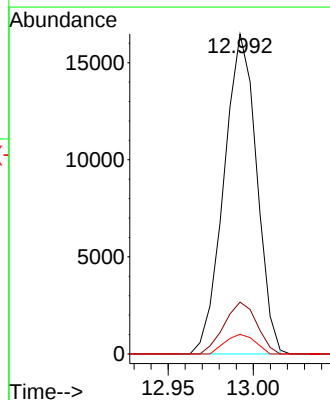
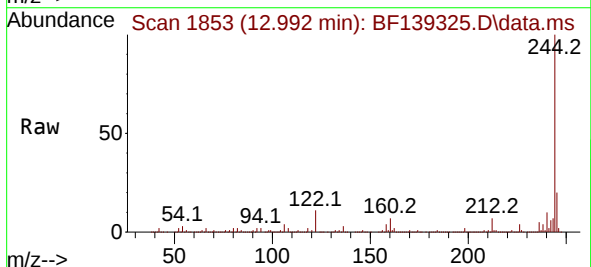
Tgt Ion:184 Resp: 22005

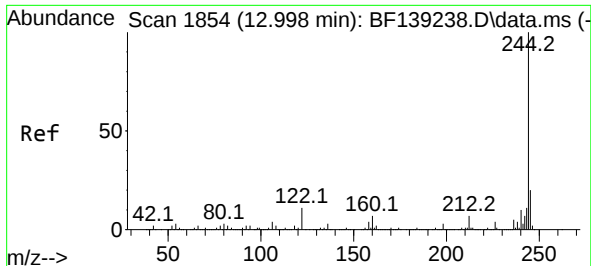
Ion Ratio Lower Upper

184 100

185 16.2 11.9 17.9

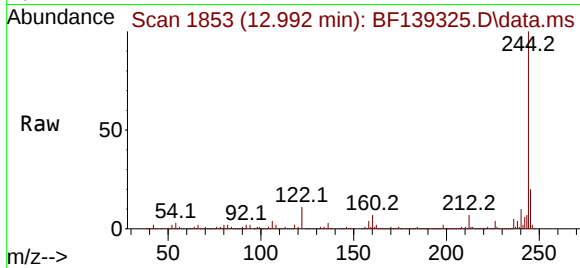
183 6.2 8.8 13.2#



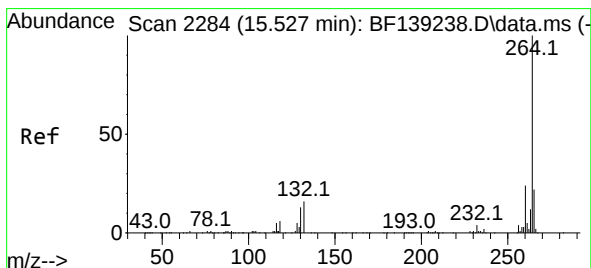
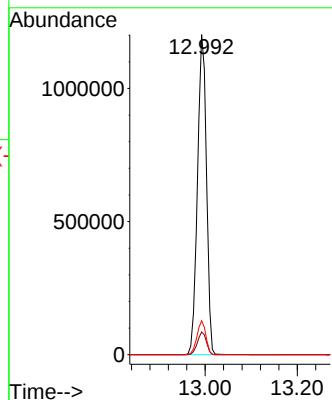
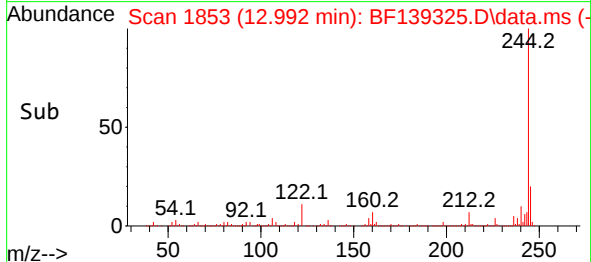


#79
 Terphenyl-d14
 Concen: 92.323 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139325.D
 Acq: 11 Sep 2024 15:03

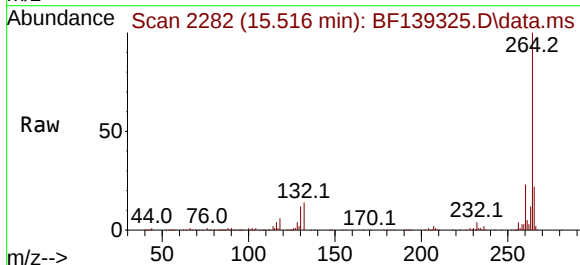
Instrument :
 BNA_F
 ClientSampleId :
 PL-701-COMP-54



Tgt Ion:244 Resp: 1620358
 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: 15.516 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF139325.D
 Acq: 11 Sep 2024 15:03



Tgt Ion:264 Resp: 192366
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.3 17.3 25.9

