

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139016.D
 Acq On : 15 Aug 2024 11:45
 Operator : RC/JU
 Sample : PB162682TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162682TB

Quant Time: Aug 15 12:32:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

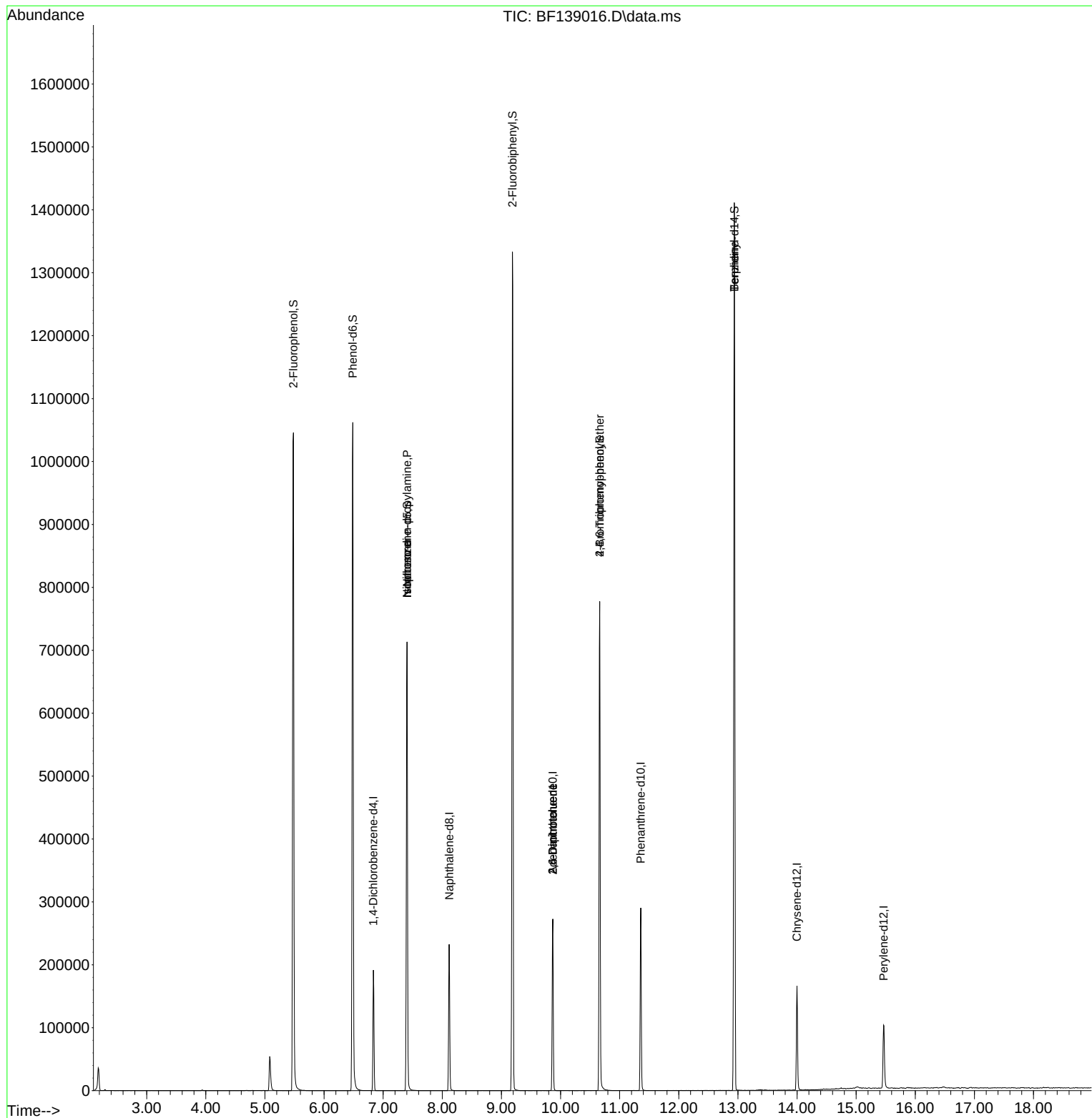
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	35539	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	140063	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	79629	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	148209	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	82222	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	64812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	358827	155.858	ng	0.01
7) Phenol-d6	6.487	99	473076	153.048	ng	0.00
23) Nitrobenzene-d5	7.404	82	314676	109.843	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	109648	168.103	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	576899	108.853	ng	-0.02
79) Terphenyl-d14	12.939	244	663161	135.038	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	44085	23.614	ng	# 77
25) Isophorone	7.404	82	314672	64.327	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10462	9.105	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10462	7.136	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8226	5.126	ng	# 1
77) Benzidine	12.939	184	9543	4.853	ng	# 90

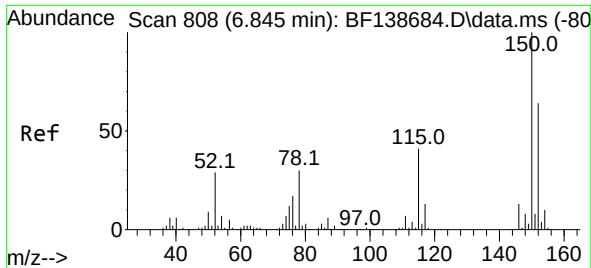
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139016.D
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Operator : RC/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
PB162682TB

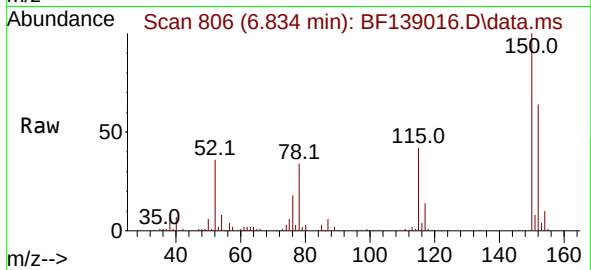
Quant Time: Aug 15 12:32:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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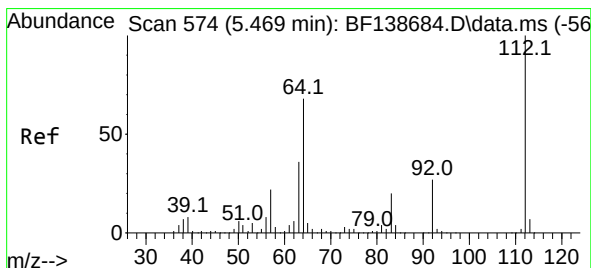
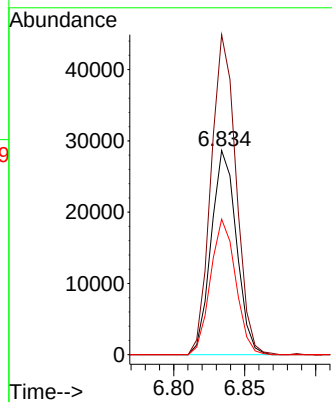
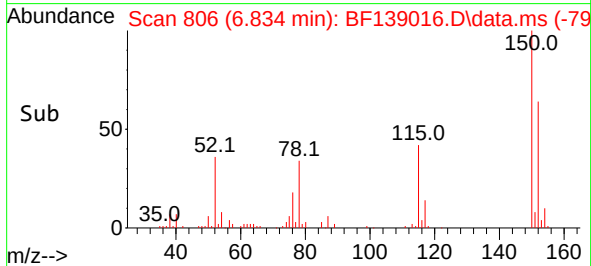


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

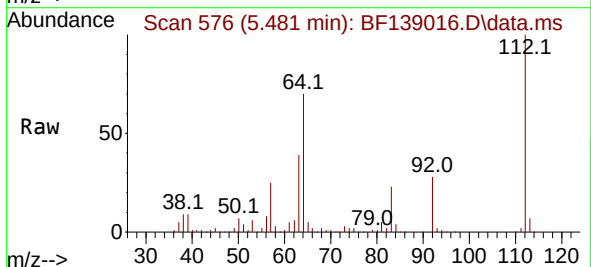
Instrument :
BNA_F
ClientSampleId :
PB162682TB



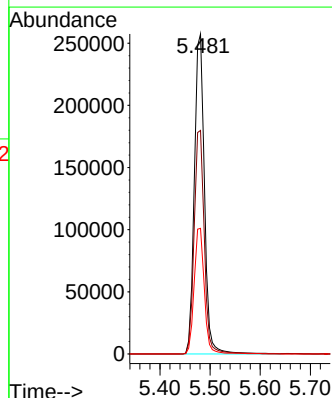
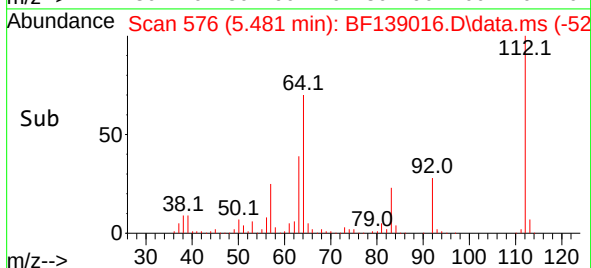
Tgt Ion:152 Resp: 35539
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 66.4 51.7 77.5

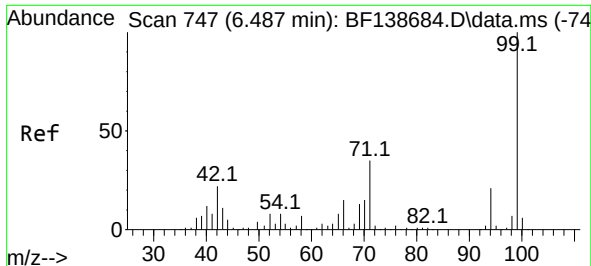


#5
2-Fluorophenol
Concen: 155.858 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45



Tgt Ion:112 Resp: 358827
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 39.2 28.7 43.1

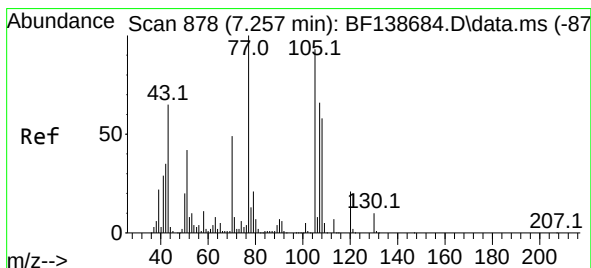
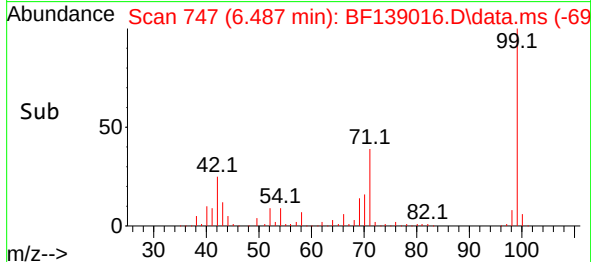
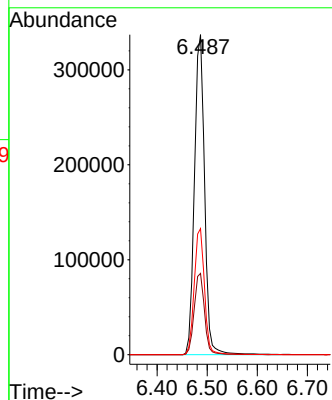
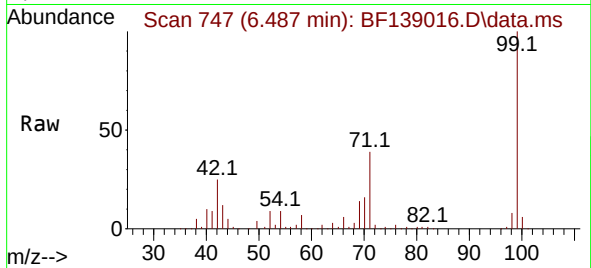




#7
Phenol-d6
Concen: 153.048 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

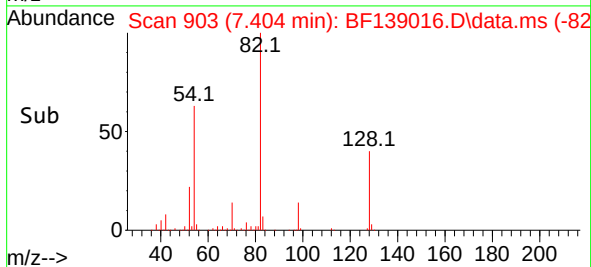
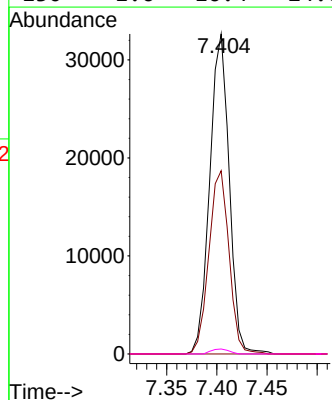
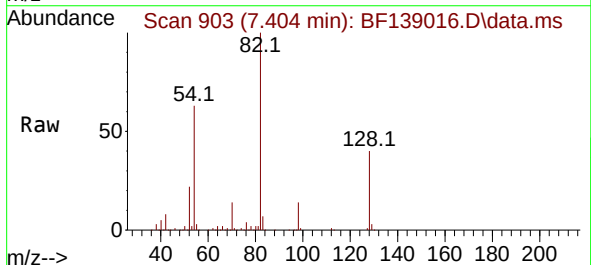
Instrument :
BNA_F
ClientSampleId :
PB162682TB

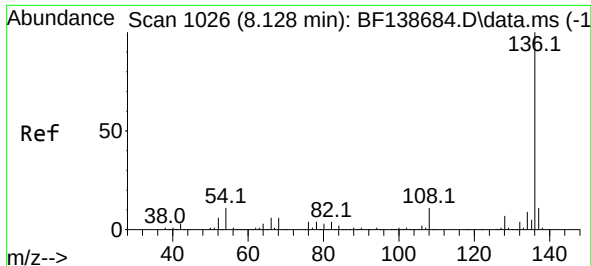
Tgt Ion: 99 Resp: 473076
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.4 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 23.614 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

Tgt Ion: 70 Resp: 44085
Ion Ratio Lower Upper
70 100
42 57.2 57.4 86.0#
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#

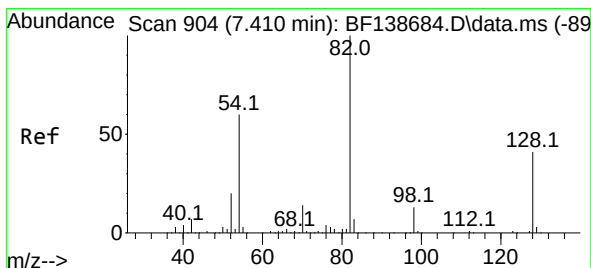
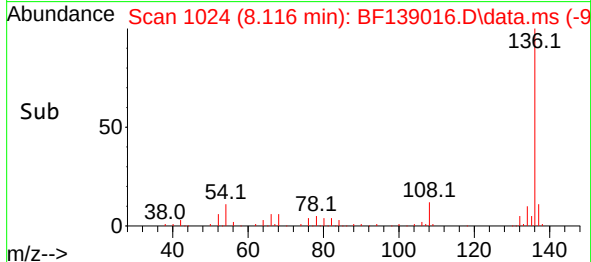
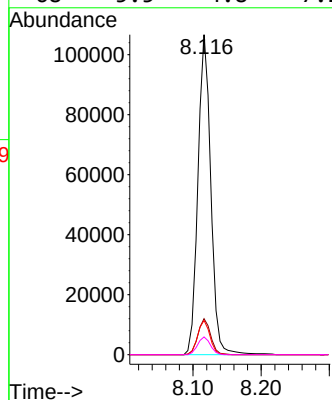
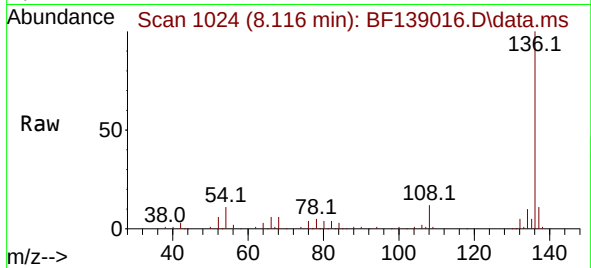




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

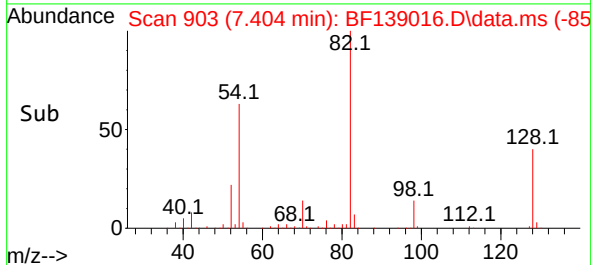
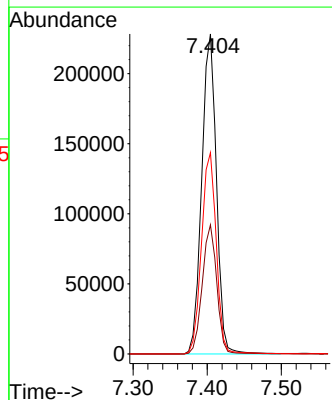
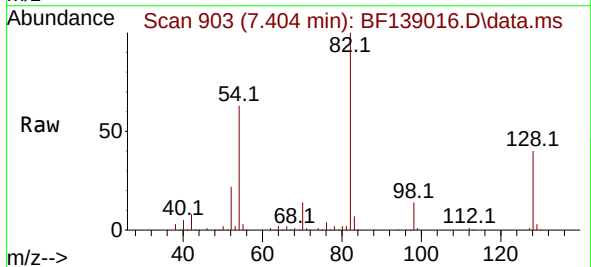
Instrument :
BNA_F
ClientSampleId :
PB162682TB

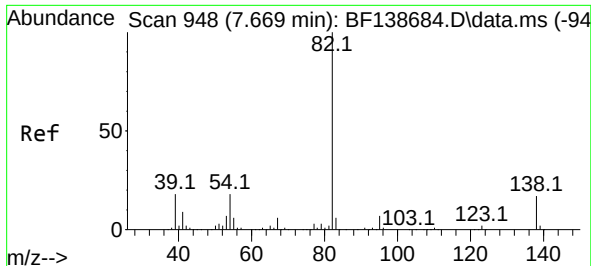
Tgt Ion:136	Resp: 140063
Ion Ratio	Lower Upper
136	100
137	11.3 8.9 13.3
54	10.7 8.6 12.8
68	5.5 4.8 7.2



#23
Nitrobenzene-d5
Concen: 109.843 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

Tgt Ion: 82	Resp: 314676
Ion Ratio	Lower Upper
82	100
128	40.3 32.8 49.2
54	62.9 48.3 72.5

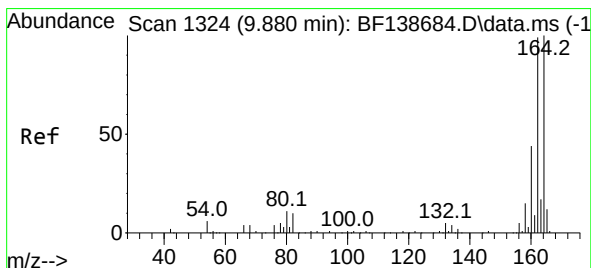
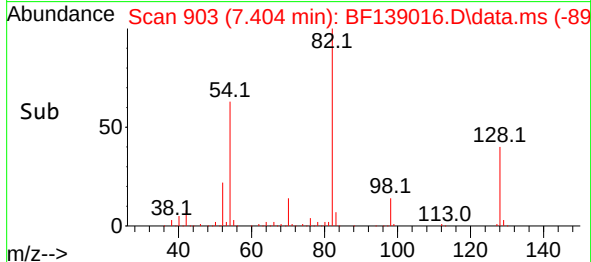
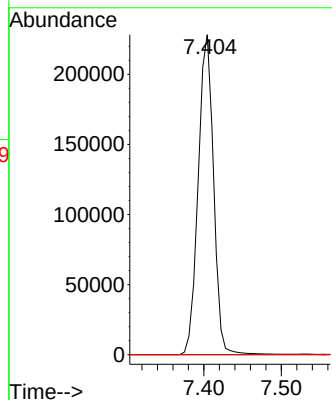
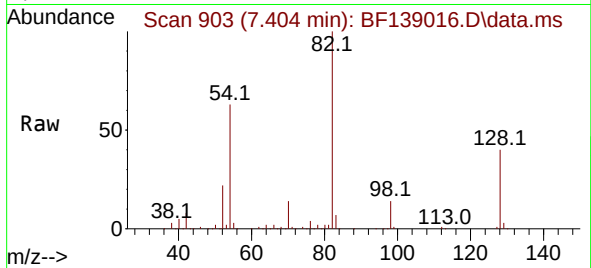




#25
Isophorone
Concen: 64.327 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

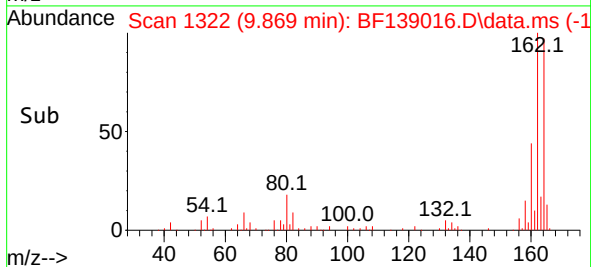
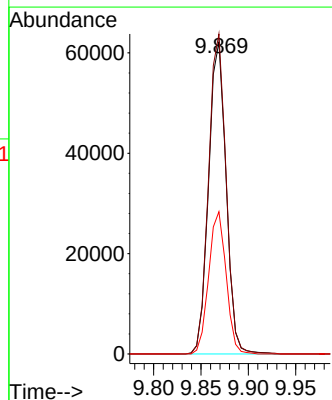
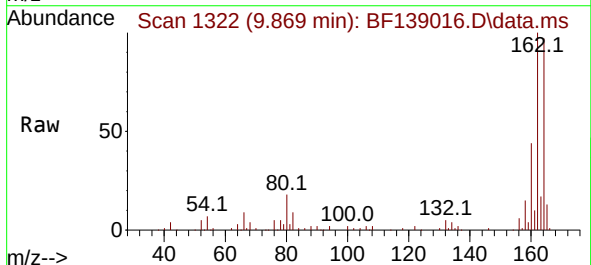
Instrument :
BNA_F
ClientSampleId :
PB162682TB

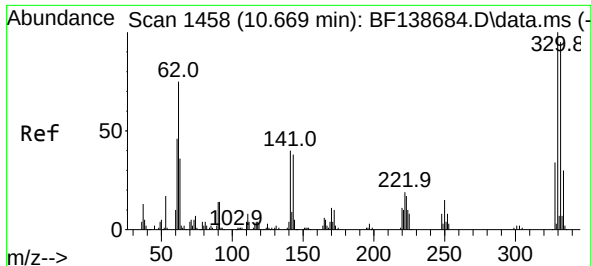
Tgt Ion: 82 Resp: 314672
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139016.D
Acq: 15 Aug 2024 11:45

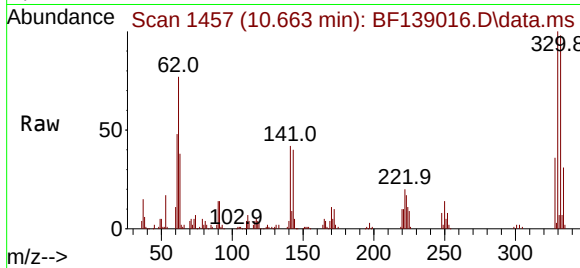
Tgt Ion:164 Resp: 79629
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.0
160 45.6 35.1 52.7



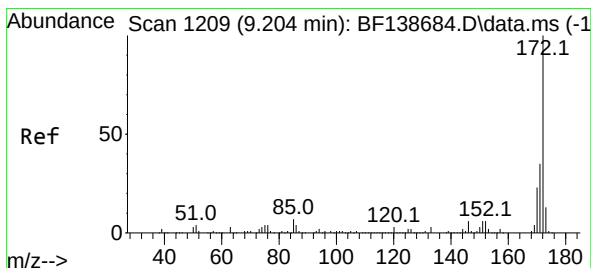
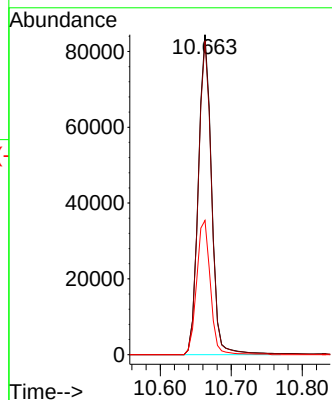
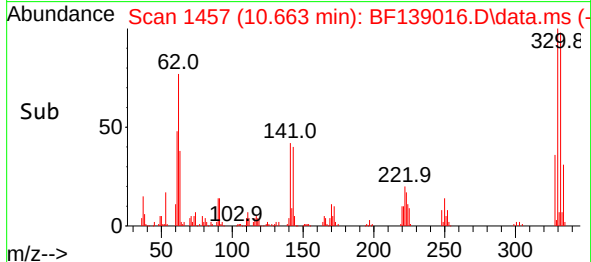


#42
 2,4,6-Tribromophenol
 Concen: 168.103 ng
 RT: 10.663 min Scan# 1458
 Delta R.T. -0.006 min
 Lab File: BF139016.D
 Acq: 15 Aug 2024 11:45

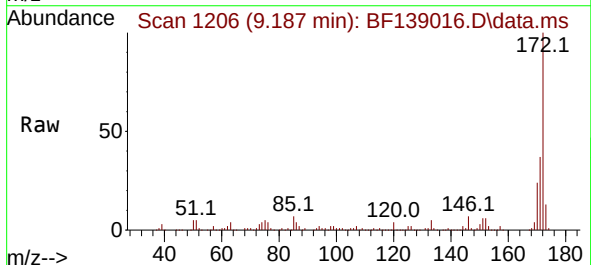
Instrument :
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 ClientSampleId :
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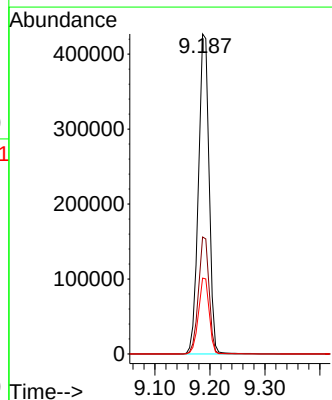
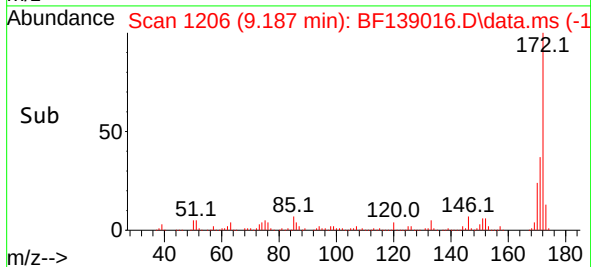
Tgt Ion:330 Resp: 109648
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.4 114.6
 141 43.4 31.1 46.7

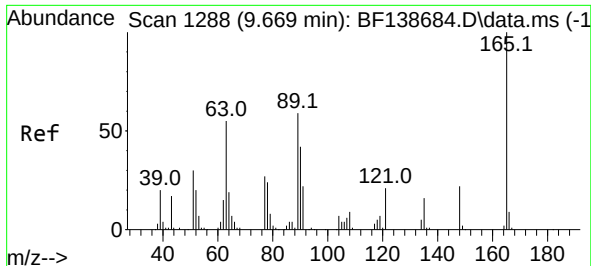


#45
 2-Fluorobiphenyl
 Concen: 108.853 ng
 RT: 9.187 min Scan# 1206
 Delta R.T. -0.018 min
 Lab File: BF139016.D
 Acq: 15 Aug 2024 11:45



Tgt Ion:172 Resp: 576899
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.3 42.5
 170 23.7 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.105 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

Instrument :

BNA_F

ClientSampleId :

PB162682TB

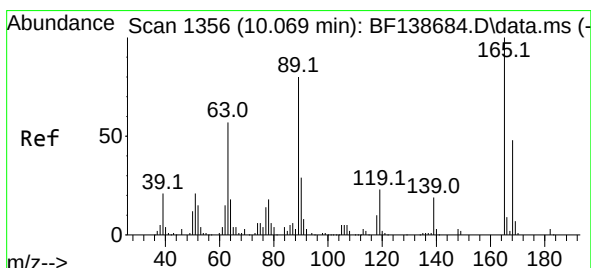
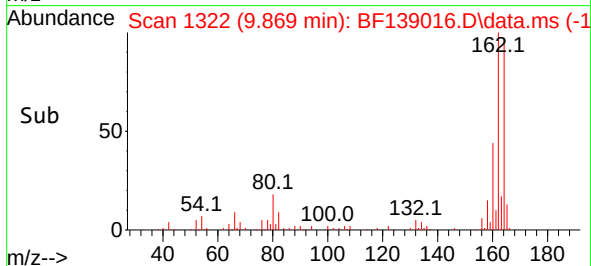
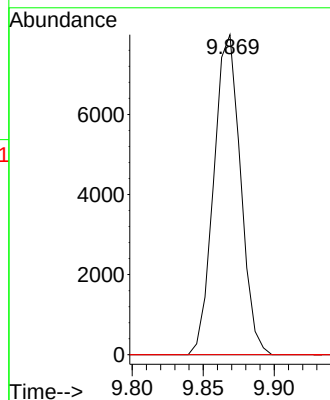
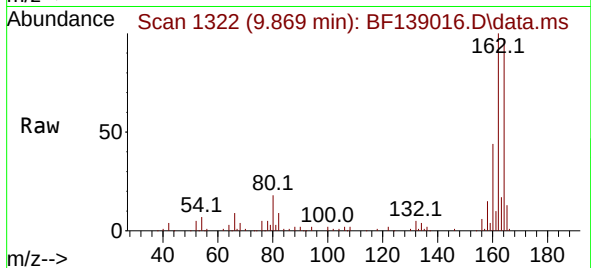
Tgt Ion:165 Resp: 10462

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.136 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

Tgt Ion:165 Resp: 10462

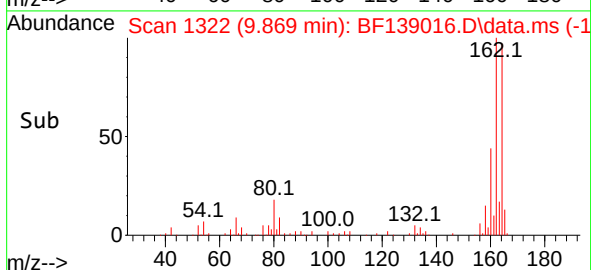
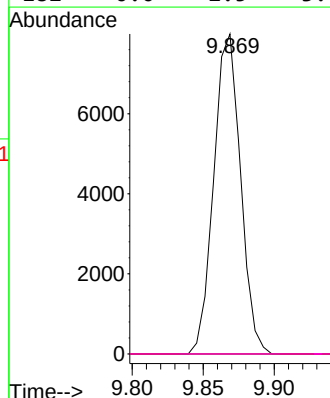
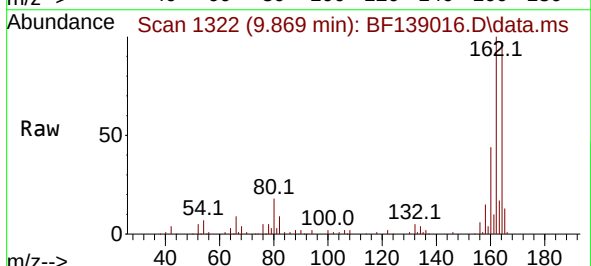
Ion Ratio Lower Upper

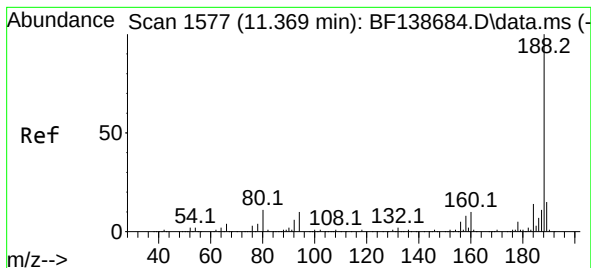
165 100

63 0.0 46.3 69.5#

89 0.0 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

Instrument :

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PB162682TB

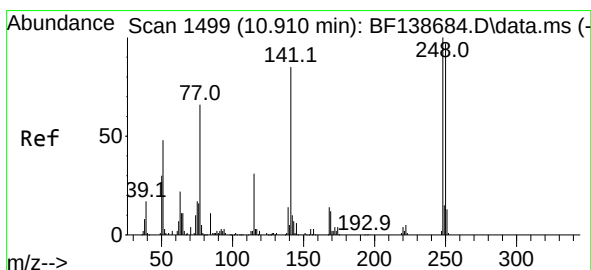
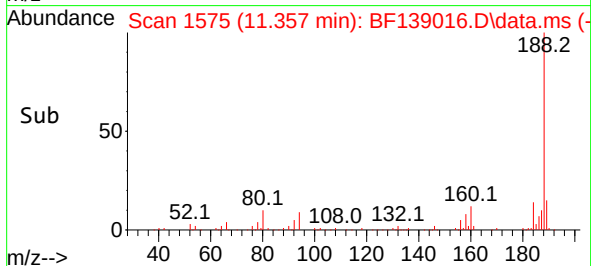
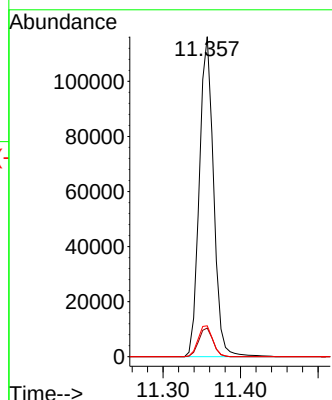
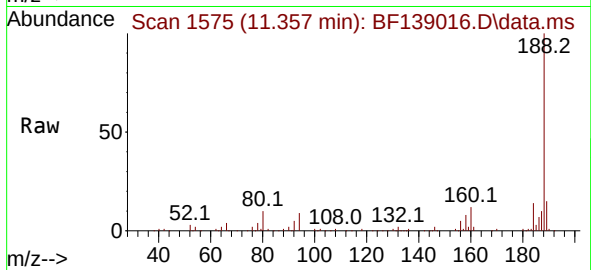
Tgt Ion:188 Resp: 148209

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.126 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

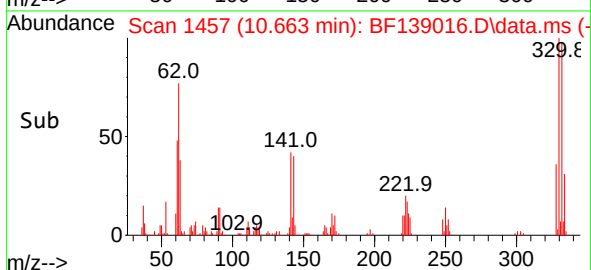
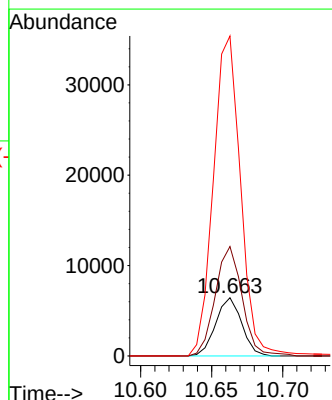
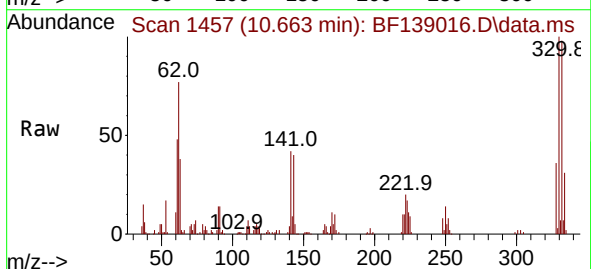
Tgt Ion:248 Resp: 8226

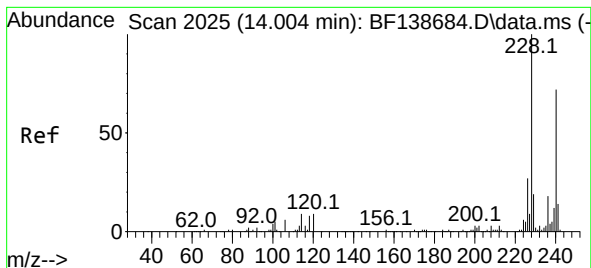
Ion Ratio Lower Upper

248 100

250 187.6 77.7 116.5#

141 548.7 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

Instrument :

BNA_F

ClientSampleId :

PB162682TB

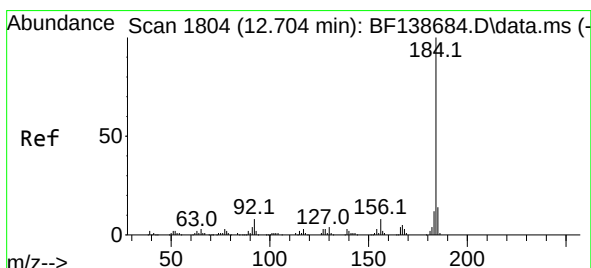
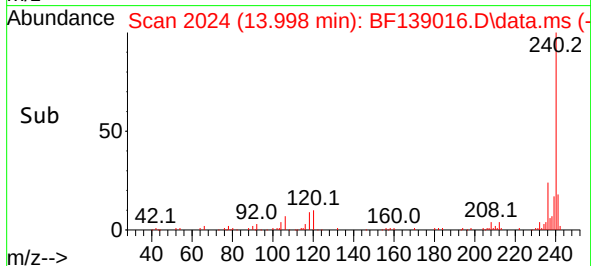
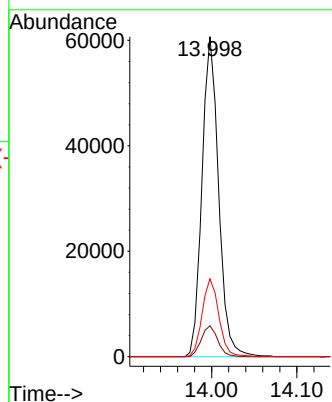
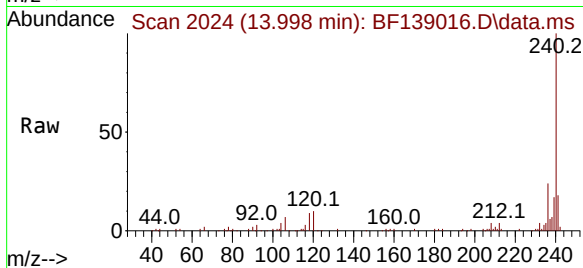
Tgt Ion:240 Resp: 82222

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 24.3 19.8 29.8



#77

Benzidine

Concen: 4.853 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

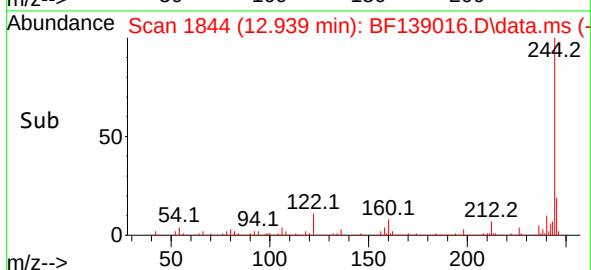
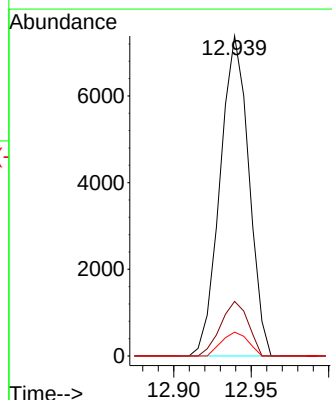
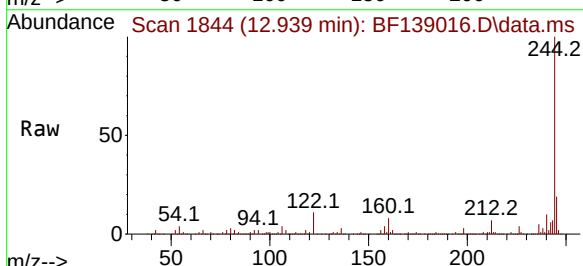
Tgt Ion:184 Resp: 9543

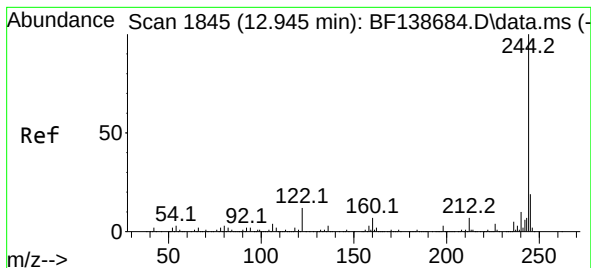
Ion Ratio Lower Upper

184 100

185 17.1 11.1 16.7#

183 7.5 9.6 14.4#





#79

Terphenyl-d14

Concen: 135.038 ng

RT: 12.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139016.D

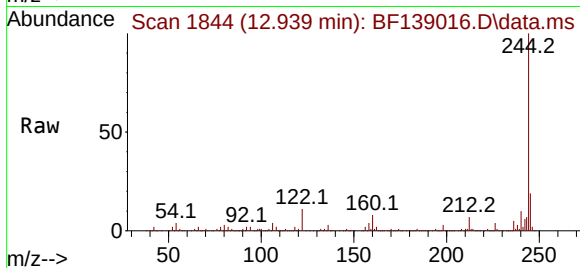
Acq: 15 Aug 2024 11:45

Instrument :

BNA_F

ClientSampleId :

PB162682TB



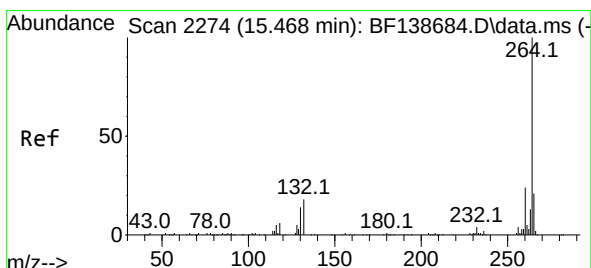
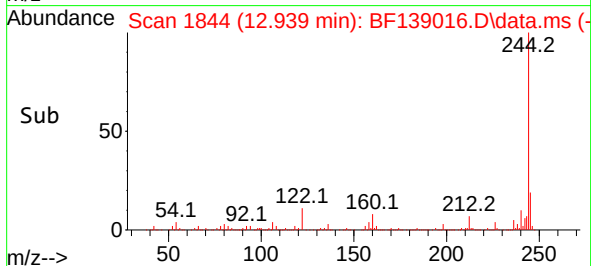
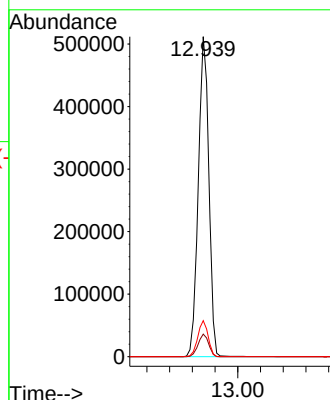
Tgt Ion:244 Resp: 663161

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139016.D

Acq: 15 Aug 2024 11:45

Tgt Ion:264 Resp: 64812

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 20.5 17.0 25.6

