

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139017.D
 Acq On : 15 Aug 2024 12:15
 Operator : RC/JU
 Sample : PB162588TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162588TB

Quant Time: Aug 15 12:56:23 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)

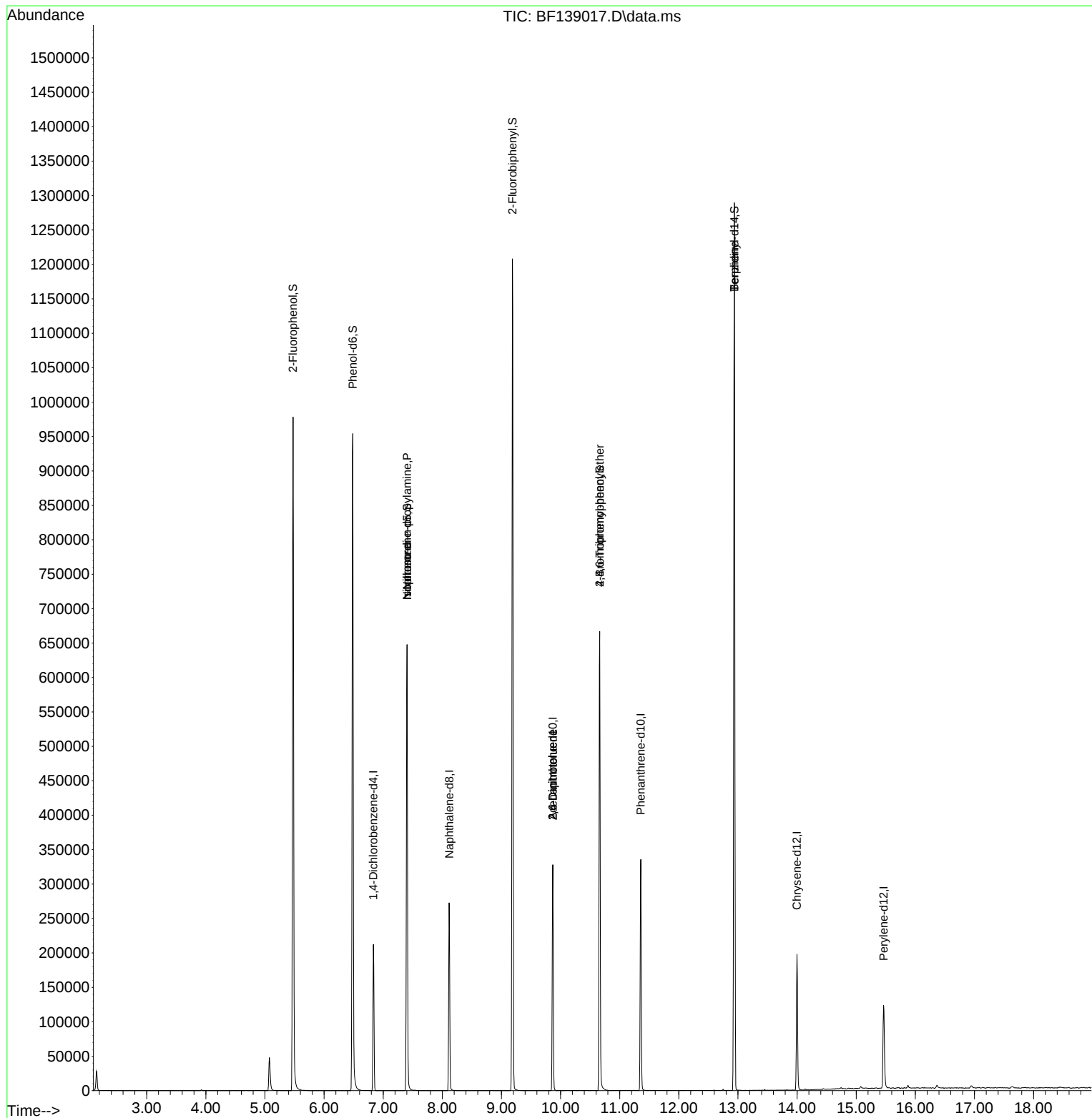
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	39486	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	162935	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94396	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	173845	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	95606	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	76760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	321613	125.730	ng	0.00
7) Phenol-d6	6.486	99	420738	122.510	ng	0.00
23) Nitrobenzene-d5	7.404	82	278634	83.609	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	96649	124.994	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	519289	82.655	ng	-0.02
79) Terphenyl-d14	12.939	244	595472	104.280	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	38503	18.562	ng	# 79
25) Isophorone	7.404	82	278633	48.964	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12559	9.220	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12559	7.227	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7126	3.786	ng	# 1
77) Benzidine	12.939	184	9144	3.999	ng	# 92

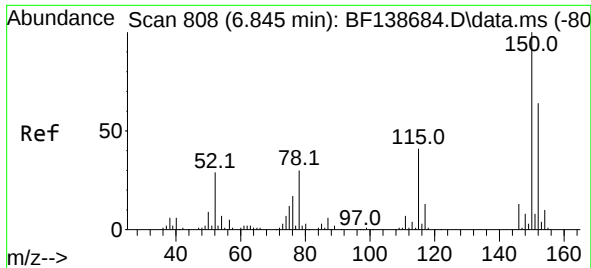
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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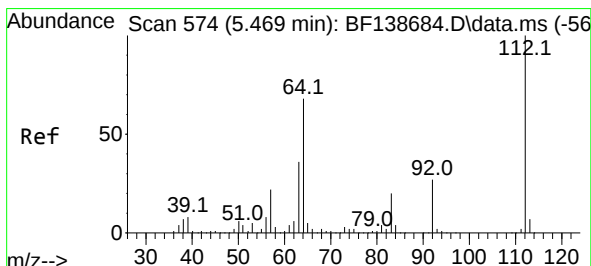
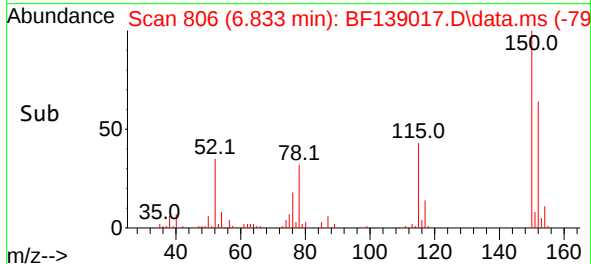
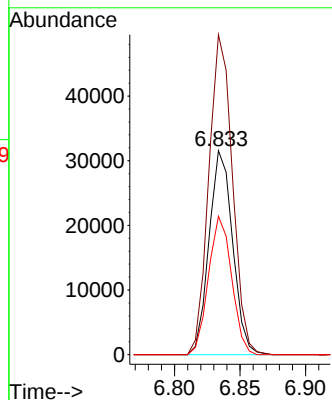
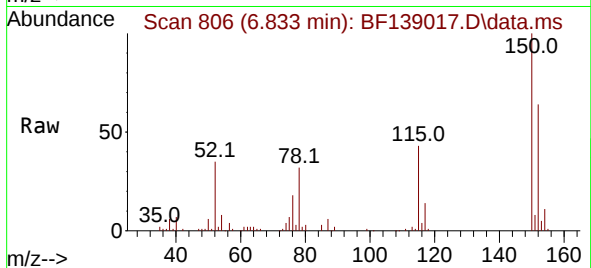




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

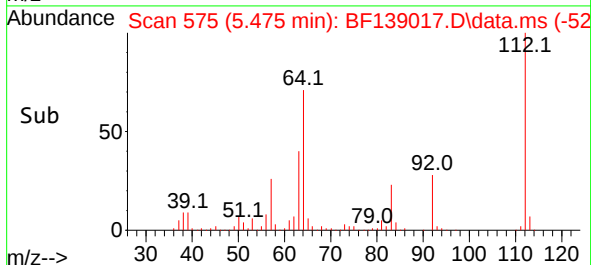
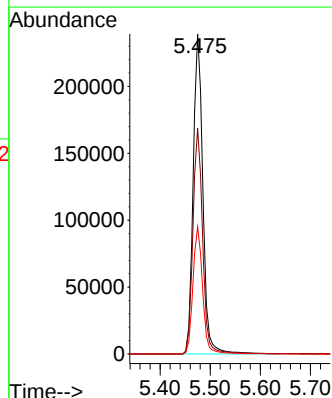
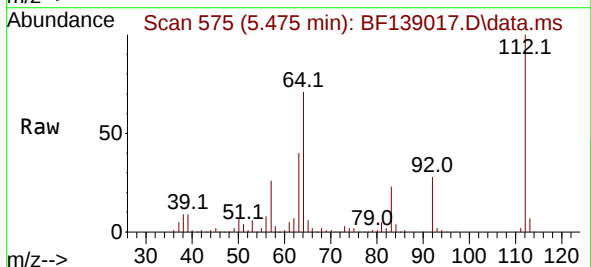
Instrument :
BNA_F
ClientSampleId :
PB162588TB

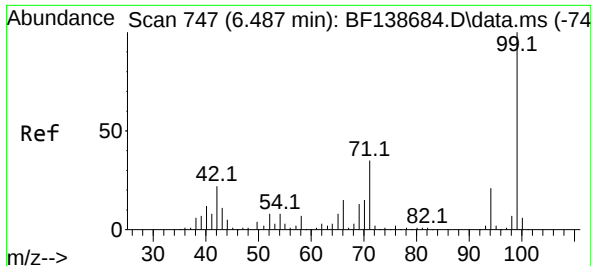
Tgt Ion:152 Resp: 39486
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 125.730 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion:112 Resp: 321613
Ion Ratio Lower Upper
112 100
64 70.5 54.2 81.4
63 39.7 28.7 43.1

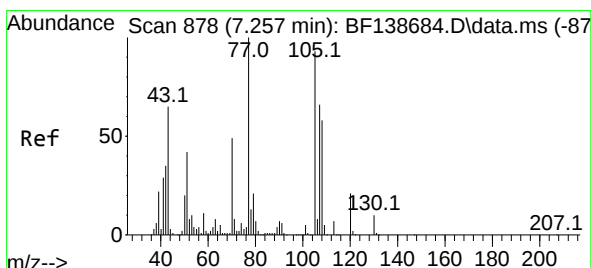
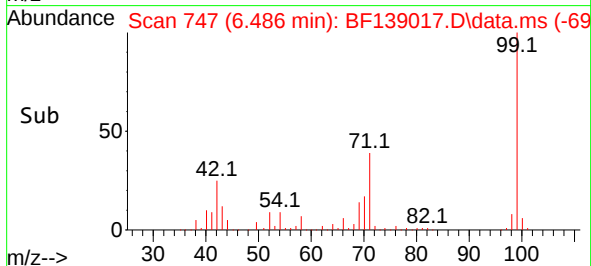
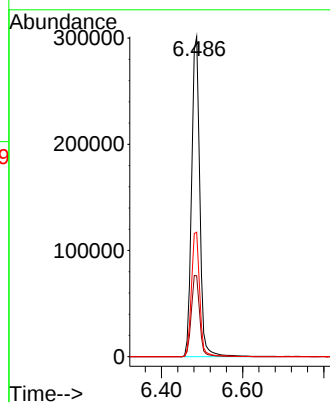
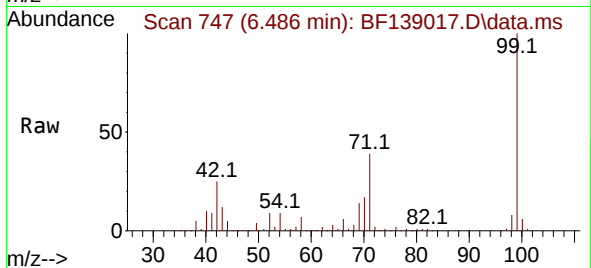




#7
Phenol-d6
Concen: 122.510 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

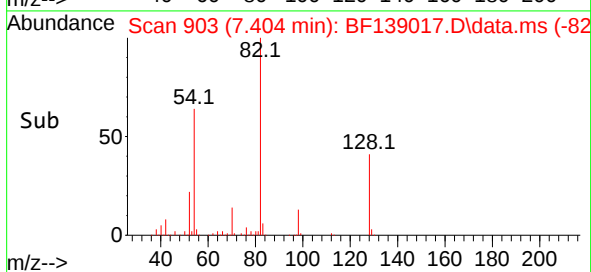
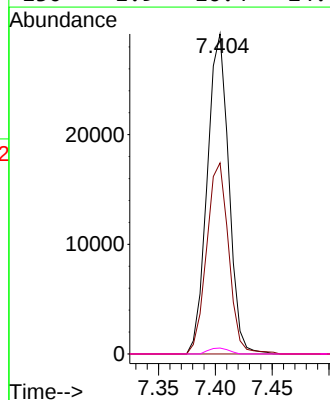
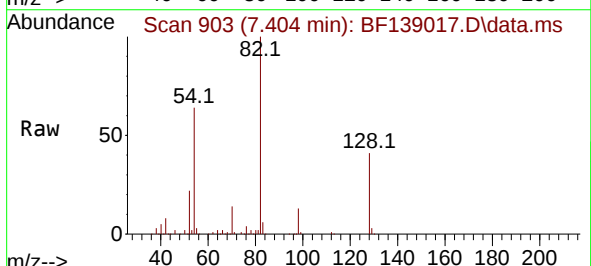
Instrument :
BNA_F
ClientSampleId :
PB162588TB

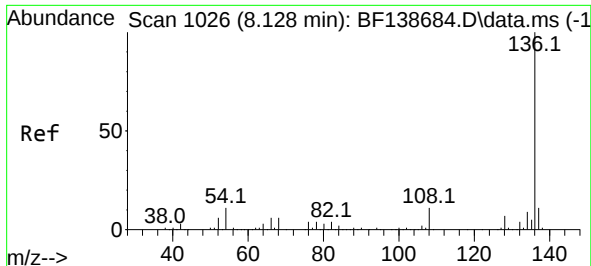
Tgt Ion: 99 Resp: 420738
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.562 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion: 70 Resp: 38503
Ion Ratio Lower Upper
70 100
42 59.7 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#





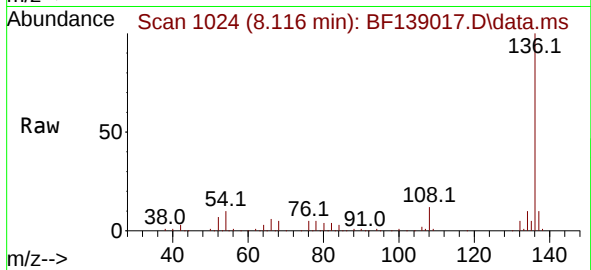
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Instrument :

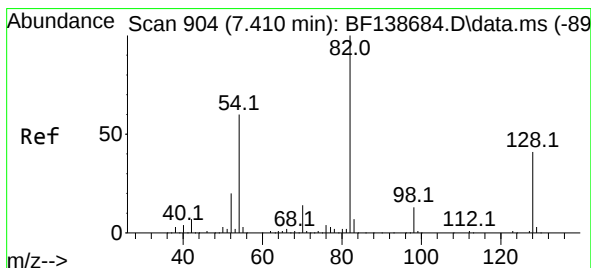
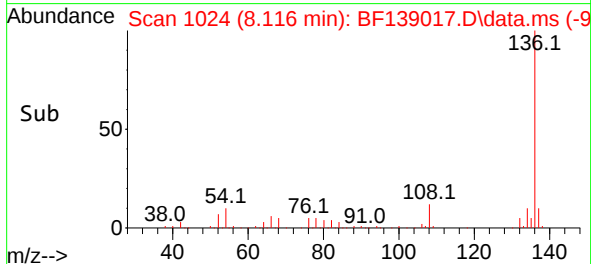
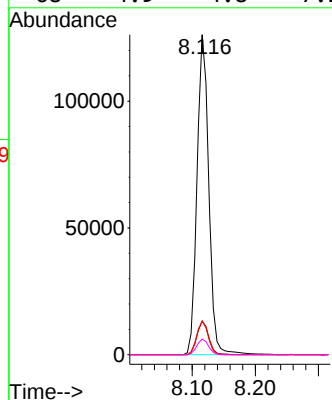
BNA_F

ClientSampleId :

PB162588TB

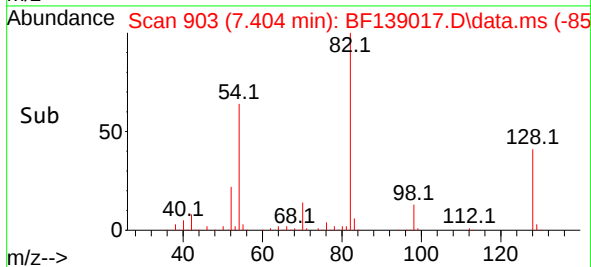
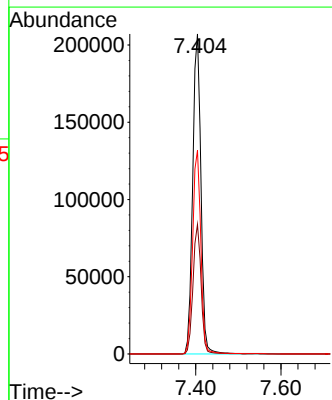
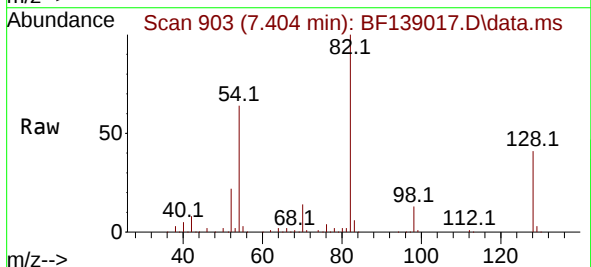


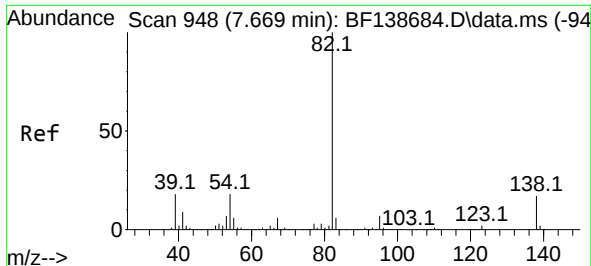
Tgt Ion:136 Resp: 162935
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.5 8.6 12.8
68 4.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.609 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion: 82 Resp: 278634
Ion Ratio Lower Upper
82 100
128 40.5 32.8 49.2
54 63.6 48.3 72.5

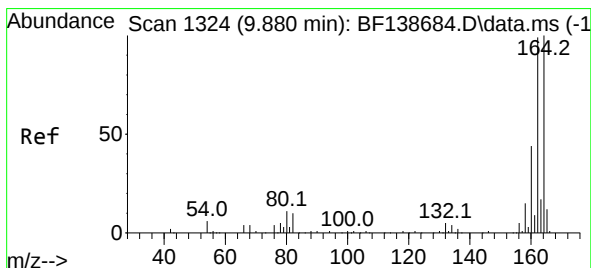
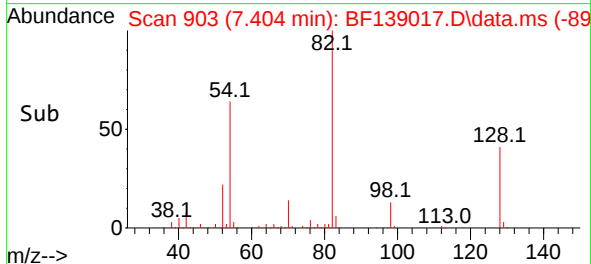
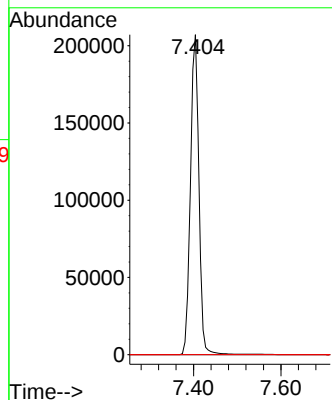
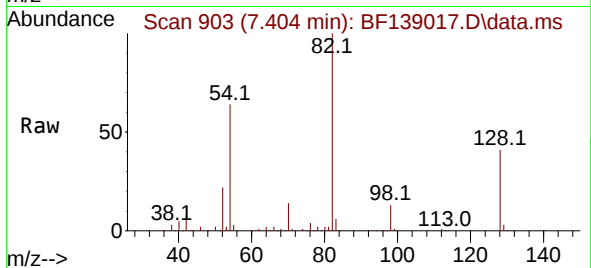




#25
Isophorone
Concen: 48.964 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

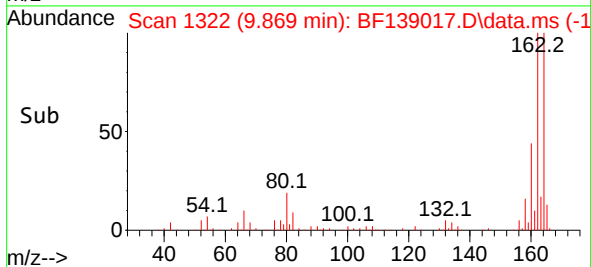
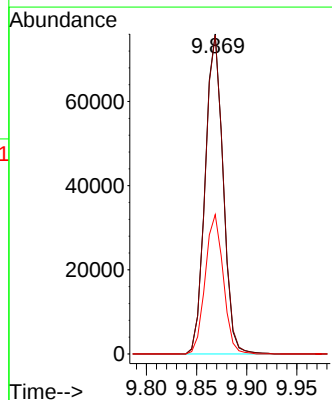
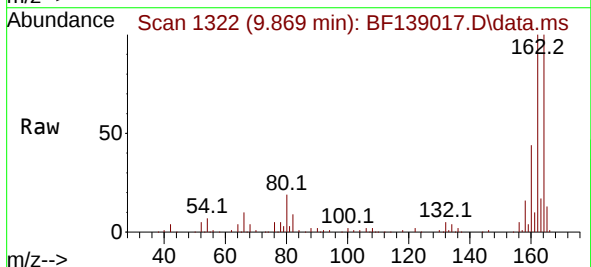
Instrument :
BNA_F
ClientSampleId :
PB162588TB

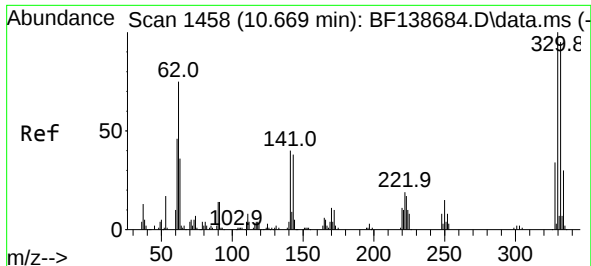
Tgt Ion: 82 Resp: 278633
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion:164 Resp: 94396
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 124.994 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139017.D

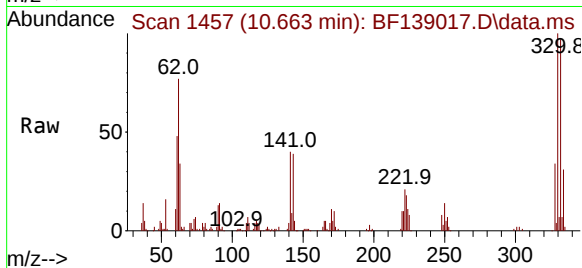
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Instrument :

BNA_F

ClientSampleId :

PB162588TB



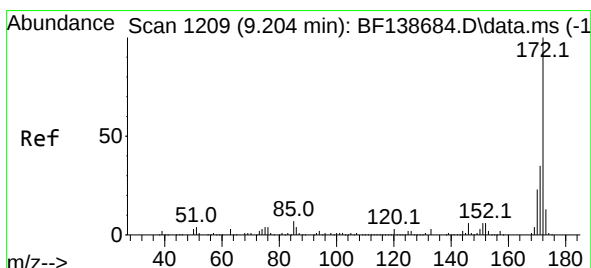
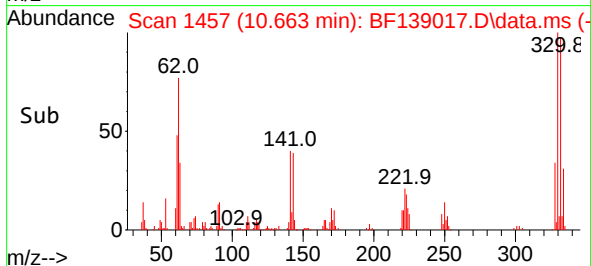
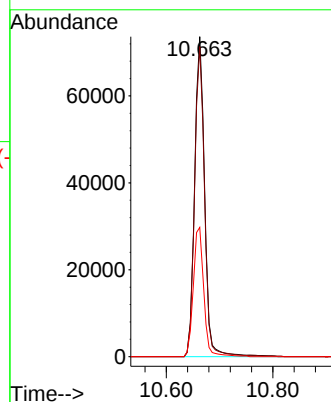
Tgt Ion:330 Resp: 96649

Ion Ratio Lower Upper

330 100

332 95.6 76.4 114.6

141 42.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 82.655 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139017.D

Acq: 15 Aug 2024 12:15

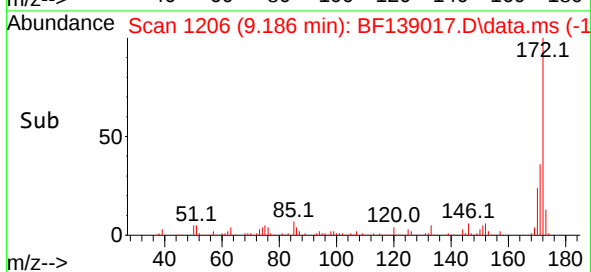
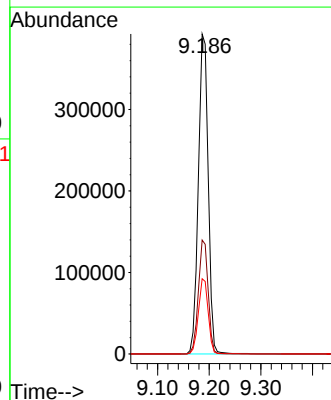
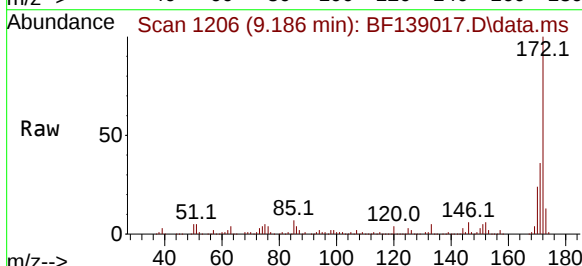
Tgt Ion:172 Resp: 519289

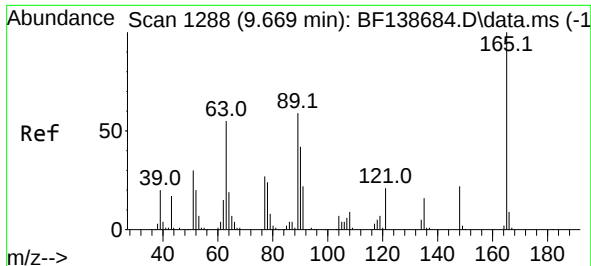
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 18.8 28.2

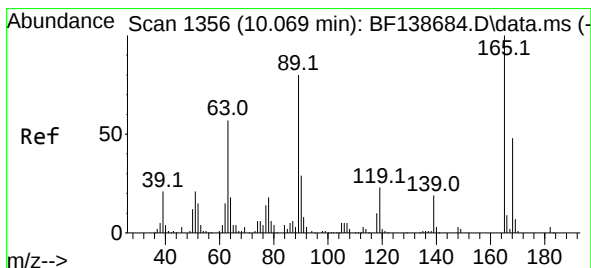
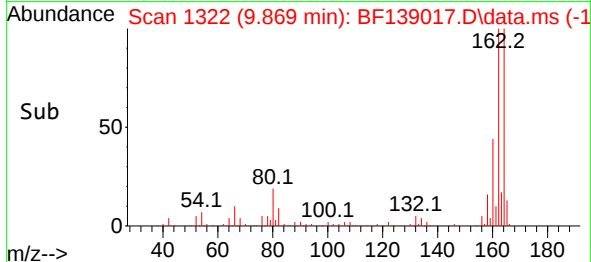
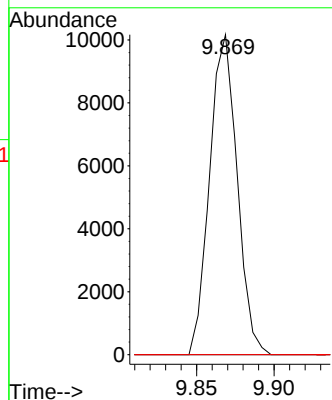
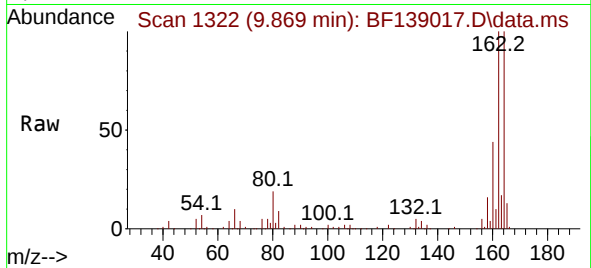




#51
2,6-Dinitrotoluene
Concen: 9.220 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

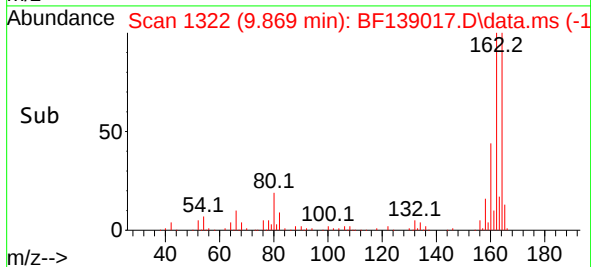
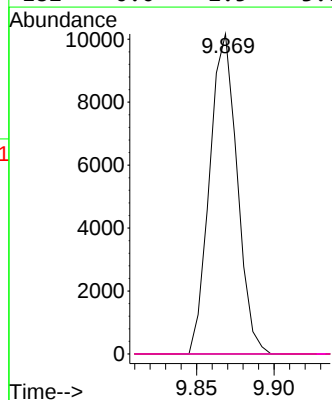
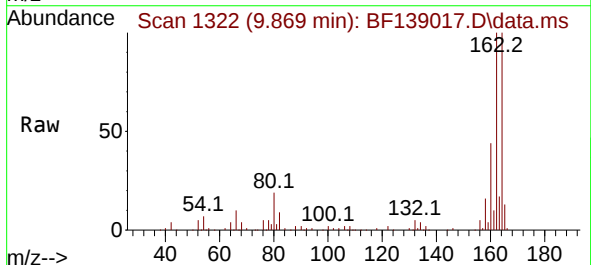
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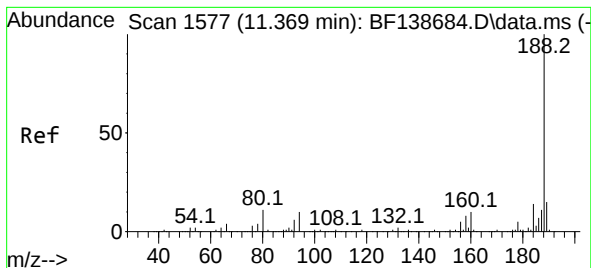
Tgt Ion:165 Resp: 12559
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.227 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion:165 Resp: 12559
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: BF139017.D

Acq: 15 Aug 2024 12:15

Instrument :

BNA_F

ClientSampleId :

PB162588TB

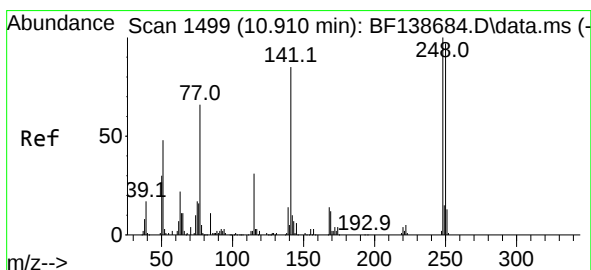
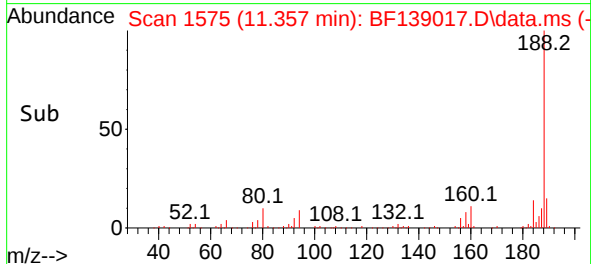
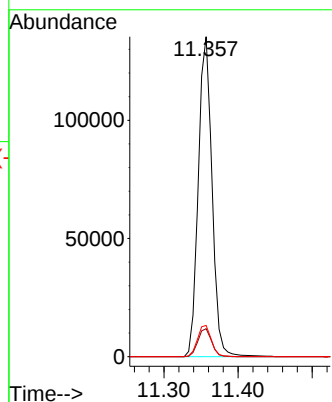
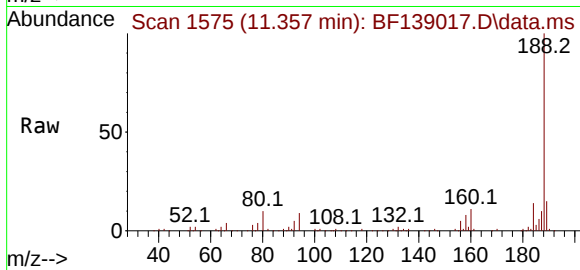
Tgt Ion:188 Resp: 173845

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.786 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139017.D

Acq: 15 Aug 2024 12:15

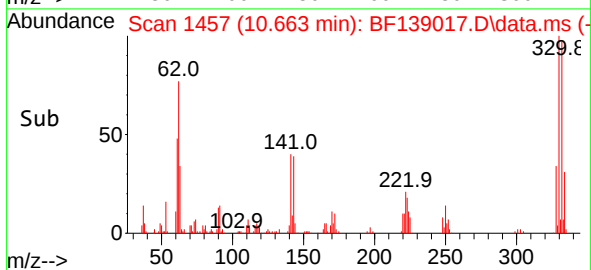
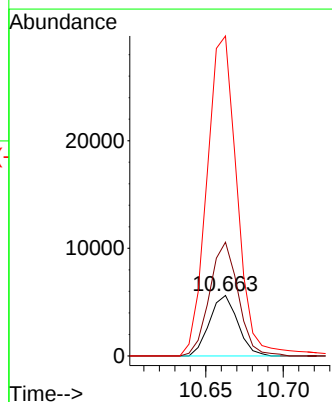
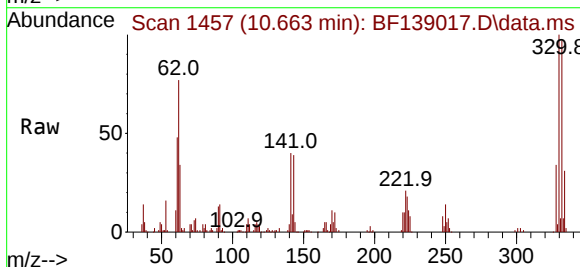
Tgt Ion:248 Resp: 7126

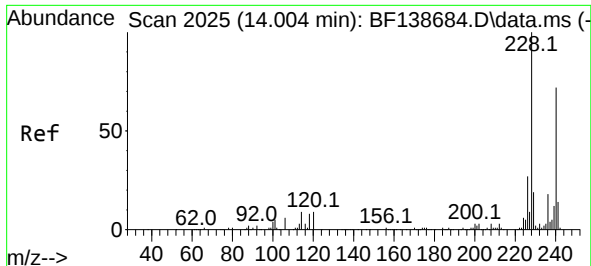
Ion Ratio Lower Upper

248 100

250 188.2 77.7 116.5#

141 529.5 68.0 102.0#

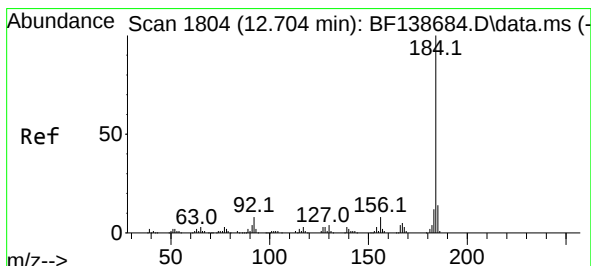
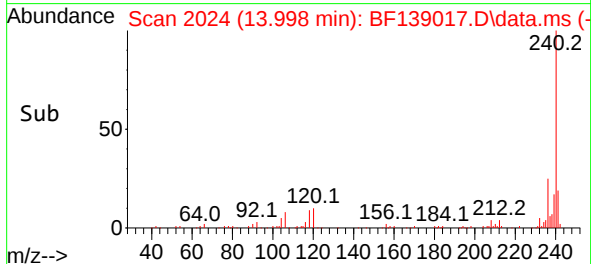
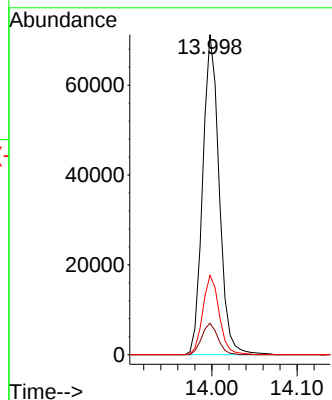
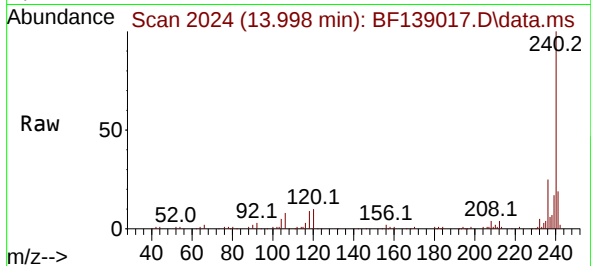




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

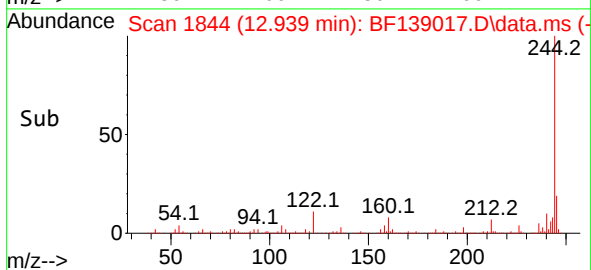
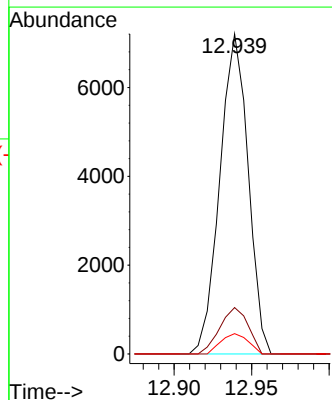
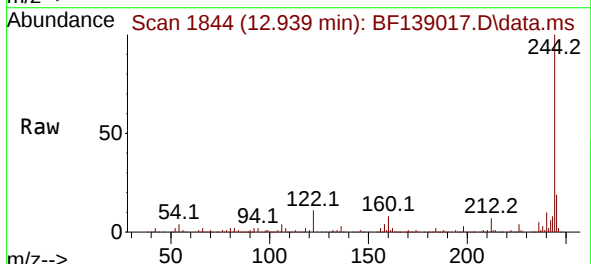
Instrument :
BNA_F
ClientSampleId :
PB162588TB

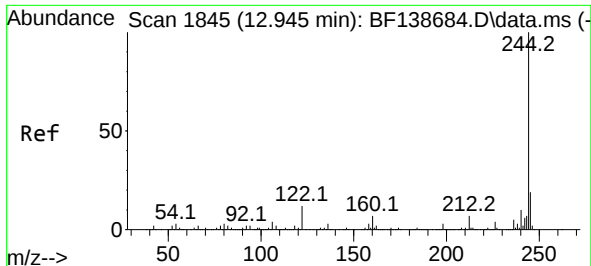
Tgt Ion:240 Resp: 95606
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 24.8 19.8 29.8



#77
Benzidine
Concen: 3.999 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF139017.D
Acq: 15 Aug 2024 12:15

Tgt Ion:184 Resp: 9144
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 6.3 9.6 14.4#

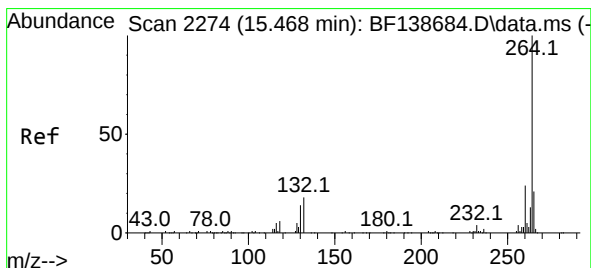
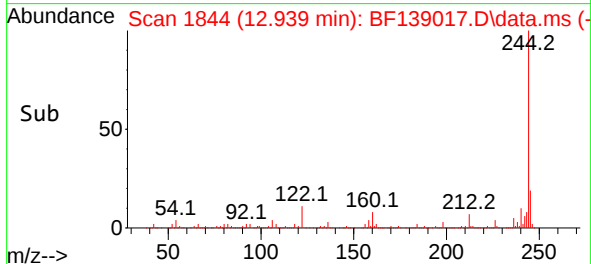
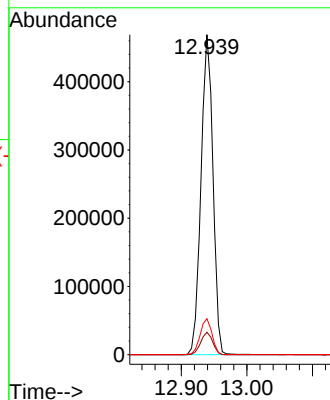
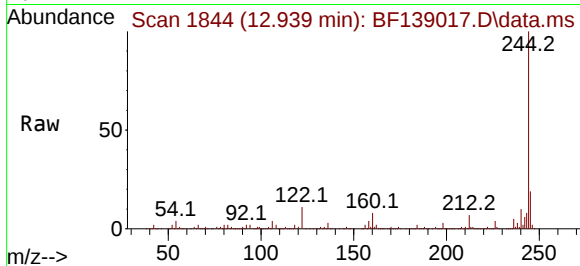




#79
 Terphenyl-d14
 Concen: 104.280 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139017.D
 Acq: 15 Aug 2024 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB162588TB

Tgt Ion:244 Resp: 595472
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139017.D
 Acq: 15 Aug 2024 12:15

Tgt Ion:264 Resp: 76760
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.7 17.0 25.6

