

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139023.D
 Acq On : 15 Aug 2024 15:23
 Operator : RC/JU
 Sample : P3574-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W-06-202408

Quant Time: Aug 15 15:48:21 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)

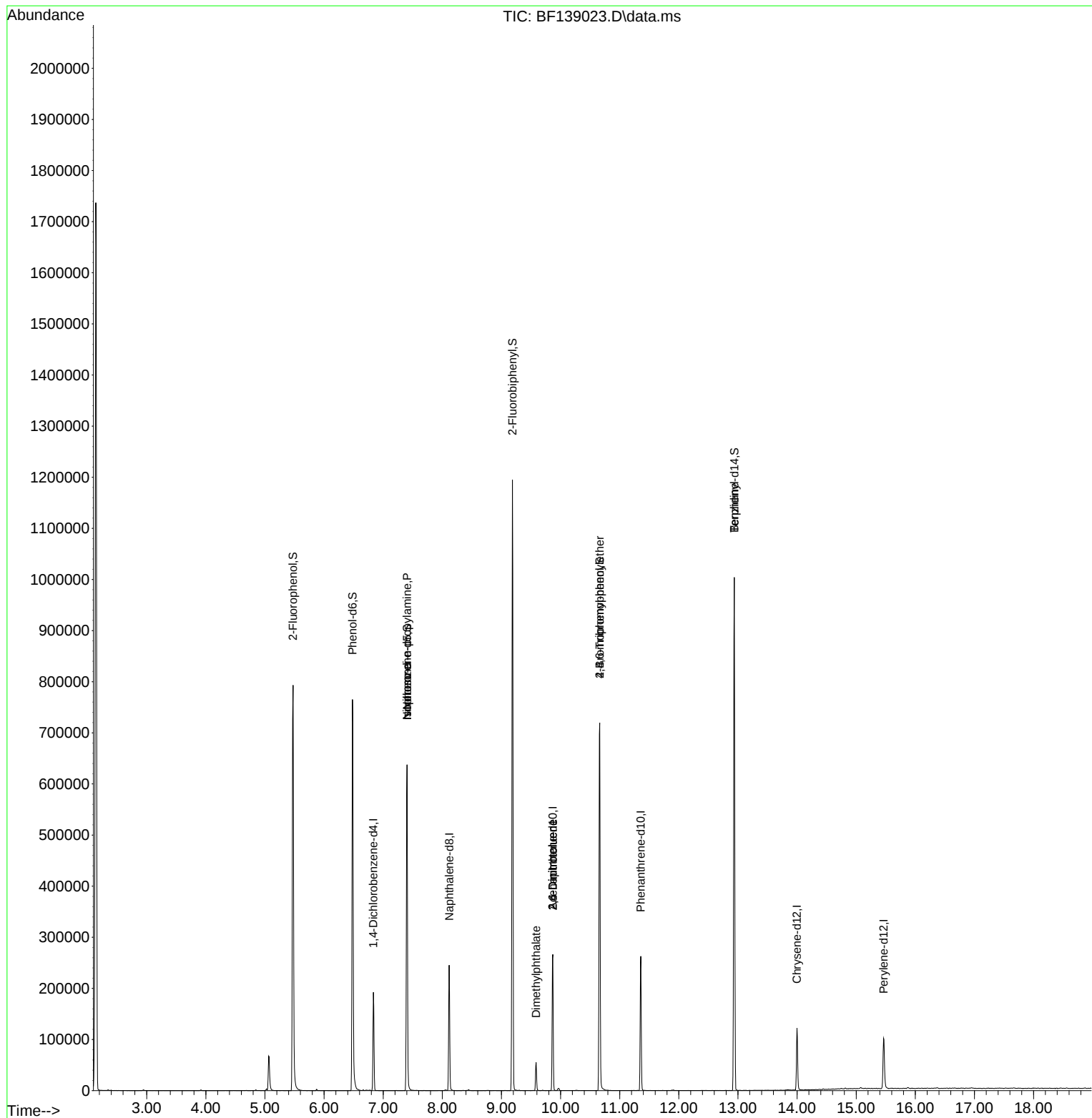
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	34877	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	146145	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	79761	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	136319	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	60424	20.000	ng	0.00
86) Perylene-d12	15.462	264	63945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	269033	119.074	ng	0.00
7) Phenol-d6	6.481	99	329903	108.755	ng	0.00
23) Nitrobenzene-d5	7.404	82	273412	91.467	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	105282	161.142	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	491421	92.571	ng	-0.02
79) Terphenyl-d14	12.939	244	458327	126.996	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	38411	20.965	ng	# 81
25) Isophorone	7.404	82	273444	53.573	ng	# 66
50) Dimethylphthalate	9.586	163	31079	6.094	ng	99
51) 2,6-Dinitrotoluene	9.869	165	9625	8.362	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	9625	6.554	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7706	5.221	ng	# 1
77) Benzidine	12.939	184	6804	4.708	ng	# 92

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

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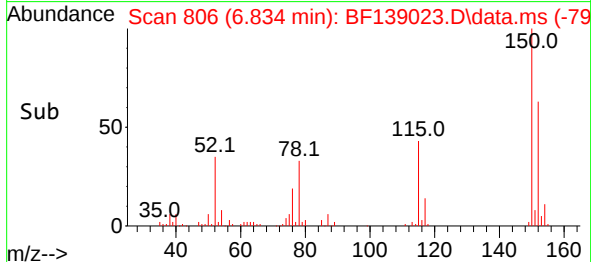
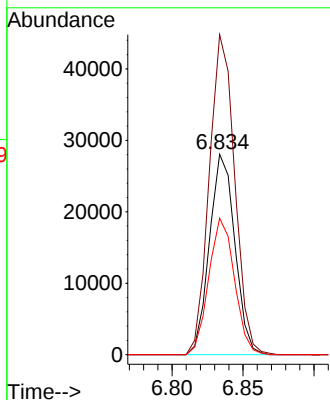
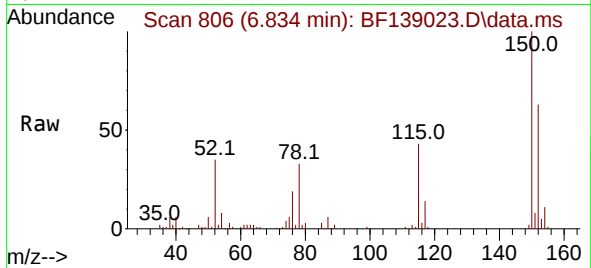




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

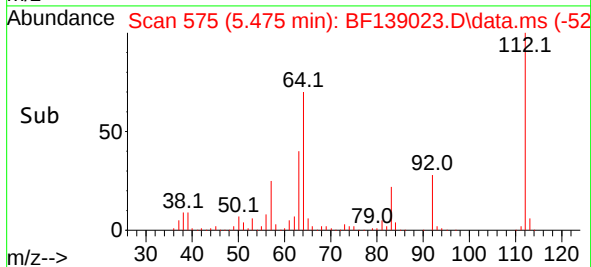
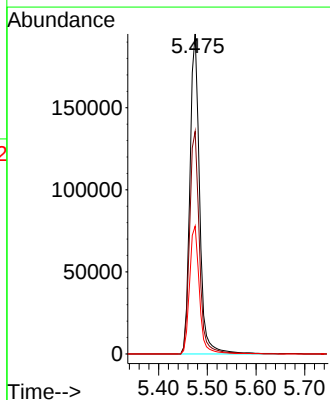
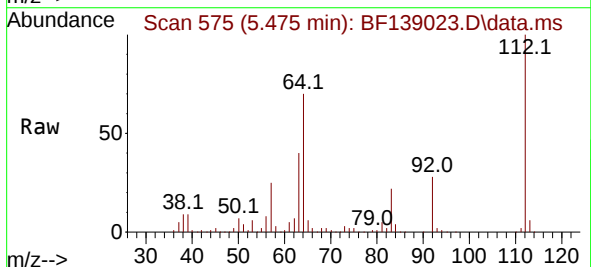
Instrument :
BNA_F
ClientSampleId :
WC-W-06-202408

Tgt Ion:152 Resp: 34877
Ion Ratio Lower Upper
152 100
150 159.6 126.0 189.0
115 68.1 51.7 77.5



#5
2-Fluorophenol
Concen: 119.074 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

Tgt Ion:112 Resp: 269033
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 40.0 28.7 43.1

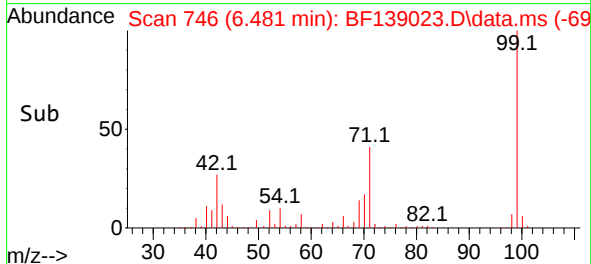
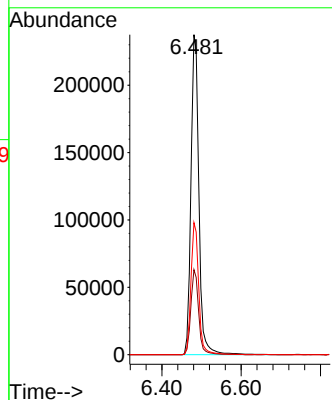
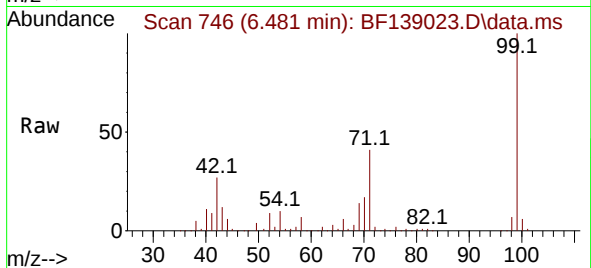




#7
Phenol-d6
Concen: 108.755 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

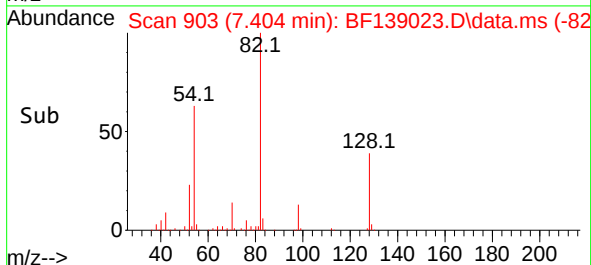
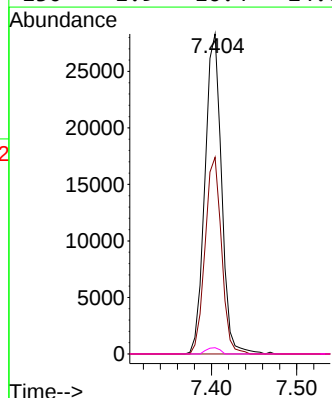
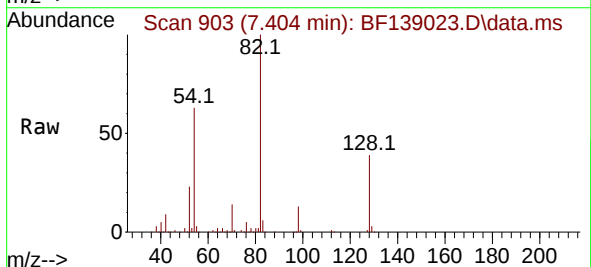
Instrument :
BNA_F
ClientSampleId :
WC-W-06-202408

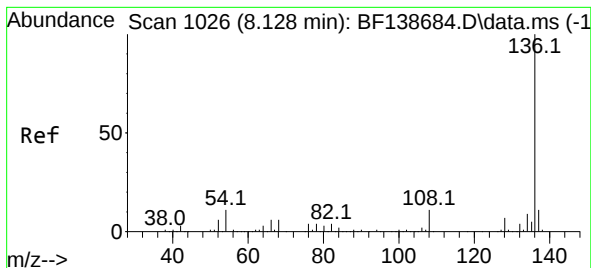
Tgt Ion: 99 Resp: 329903
Ion Ratio Lower Upper
99 100
42 26.5 17.4 26.0#
71 41.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.965 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

Tgt Ion: 70 Resp: 38411
Ion Ratio Lower Upper
70 100
42 61.5 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# 1

Delta R.T. -0.012 min

Lab File: BF139023.D

Acq: 15 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

WC-W-06-202408

Tgt Ion:136 Resp: 146145

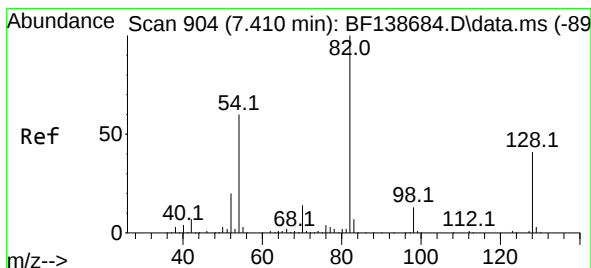
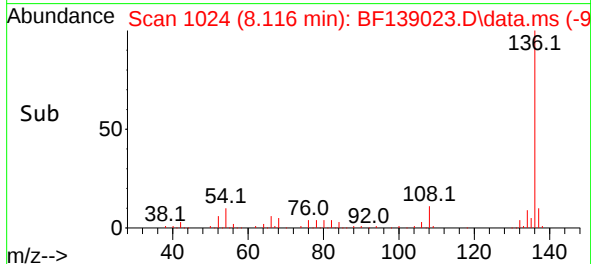
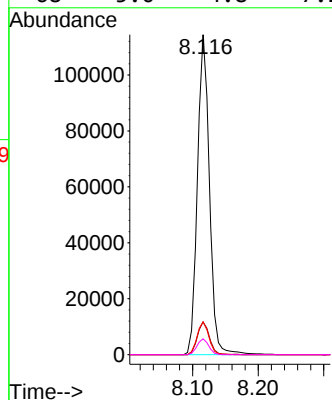
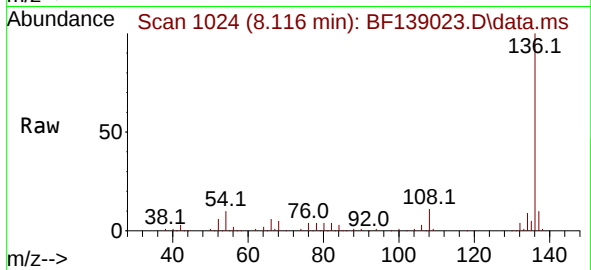
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 10.3 8.6 12.8

68 5.0 4.8 7.2



#23

Nitrobenzene-d5

Concen: 91.467 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF139023.D

Acq: 15 Aug 2024 15:23

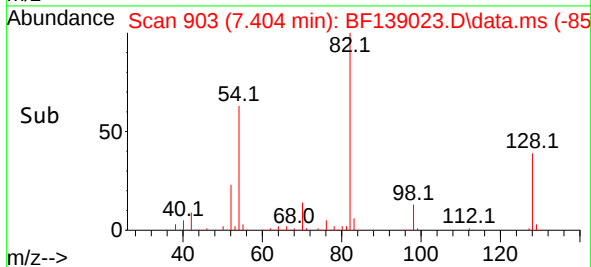
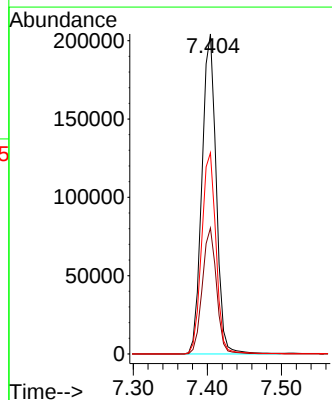
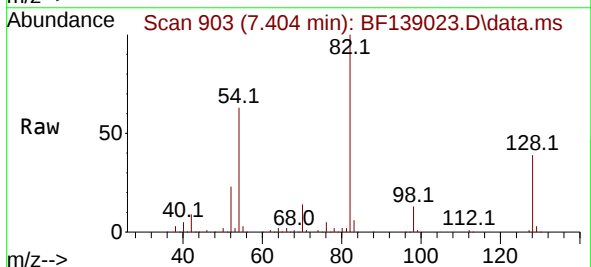
Tgt Ion: 82 Resp: 273412

Ion Ratio Lower Upper

82 100

128 39.4 32.8 49.2

54 62.9 48.3 72.5

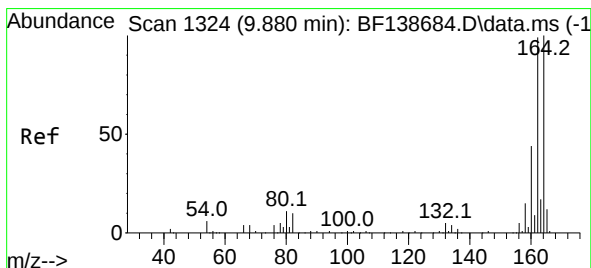
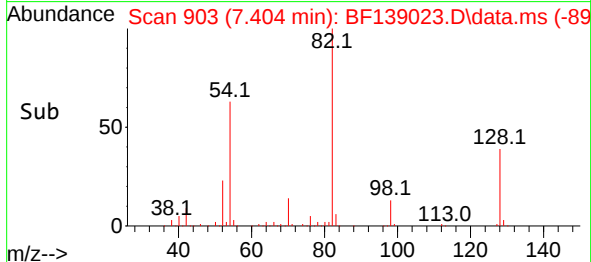
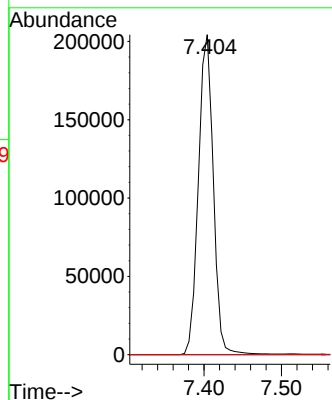
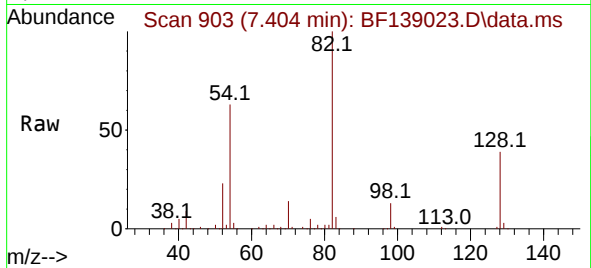




#25
Isophorone
Concen: 53.573 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

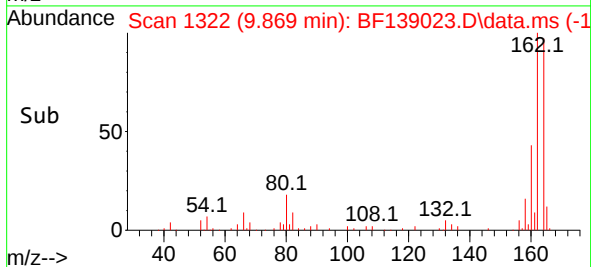
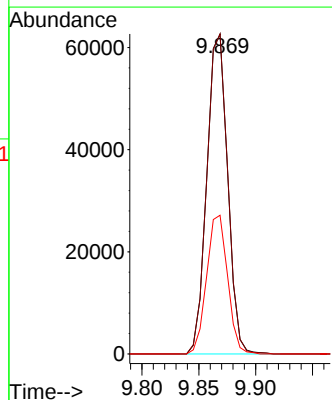
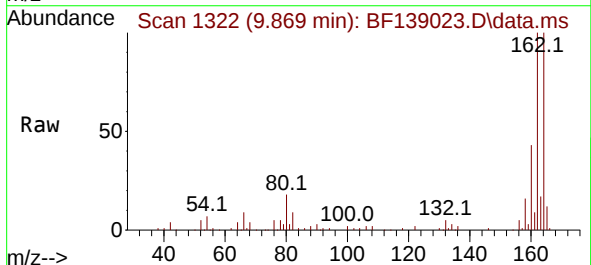
Instrument :
BNA_F
ClientSampleId :
WC-W-06-202408

Tgt Ion: 82 Resp: 273444
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: BF139023.D
Acq: 15 Aug 2024 15:23

Tgt Ion:164 Resp: 79761
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 43.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 161.142 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139023.D

Acq: 15 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

WC-W-06-202408

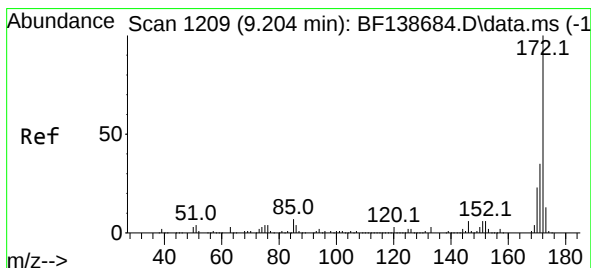
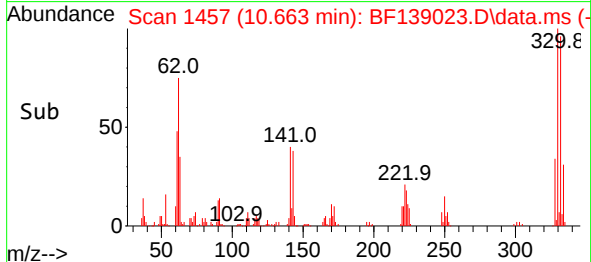
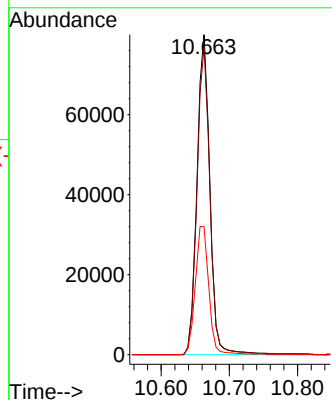
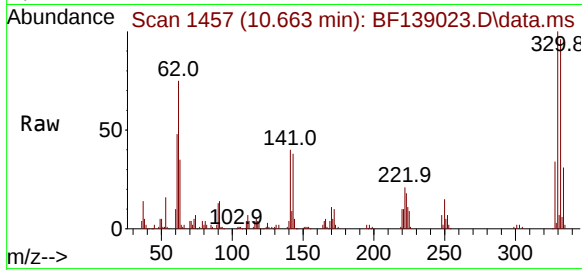
Tgt Ion:330 Resp: 105282

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

141 42.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 92.571 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139023.D

Acq: 15 Aug 2024 15:23

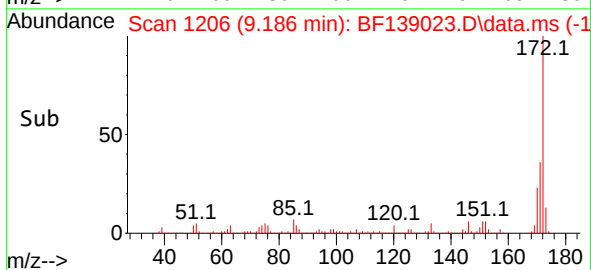
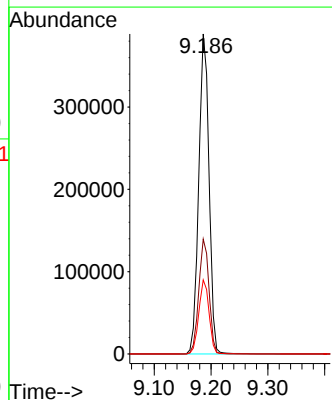
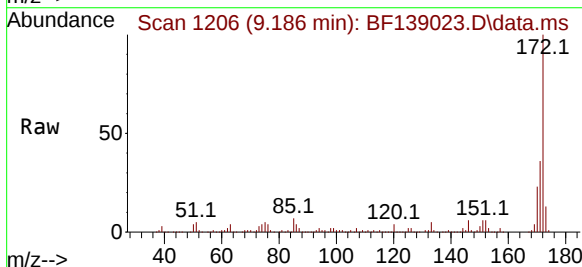
Tgt Ion:172 Resp: 491421

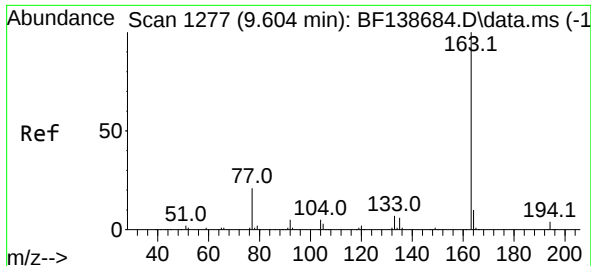
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.1 18.8 28.2

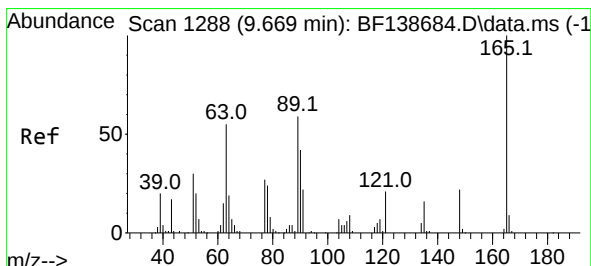
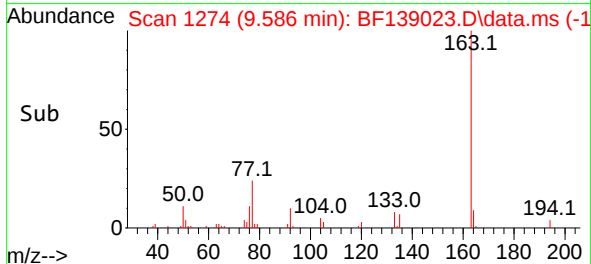
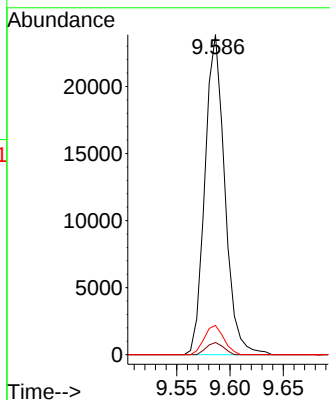
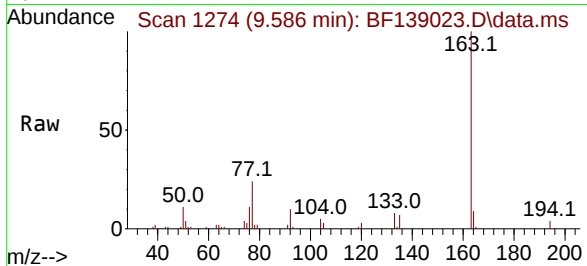




#50
Dimethylphthalate
Concen: 6.094 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

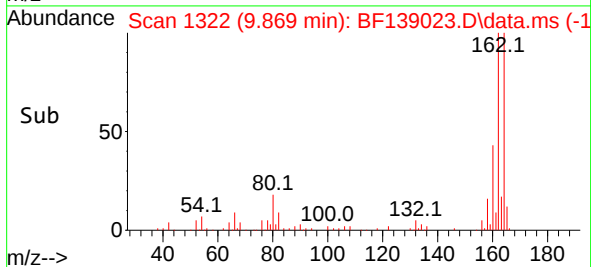
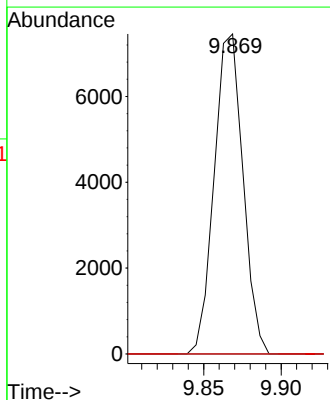
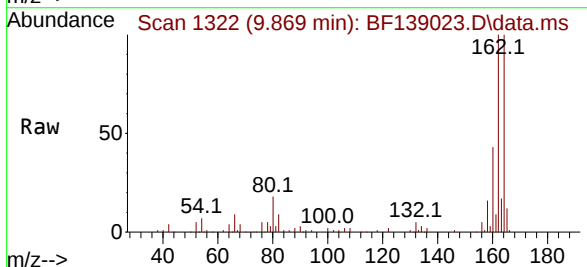
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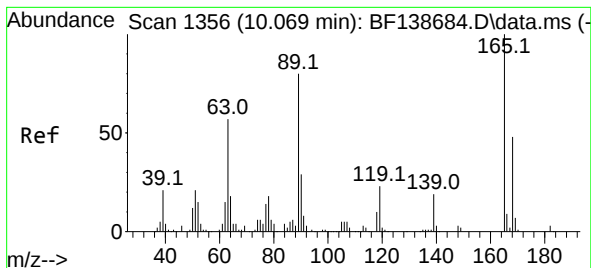
Tgt Ion:163 Resp: 31079
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 8.362 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

Tgt Ion:165 Resp: 9625
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#

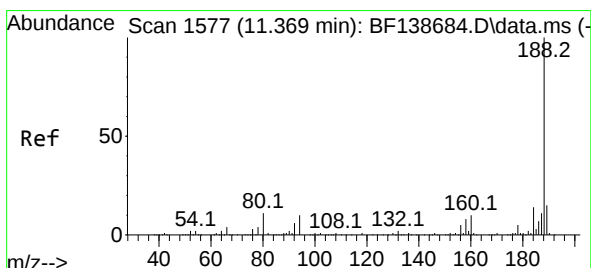
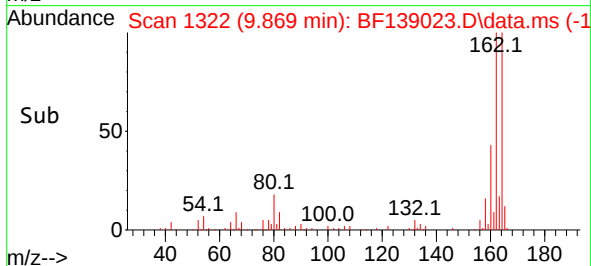
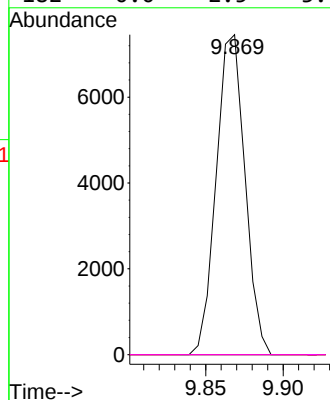
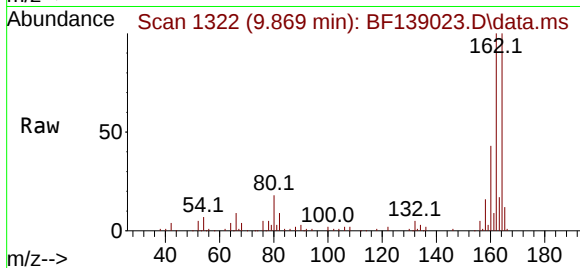




#57
2,4-Dinitrotoluene
Concen: 6.554 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

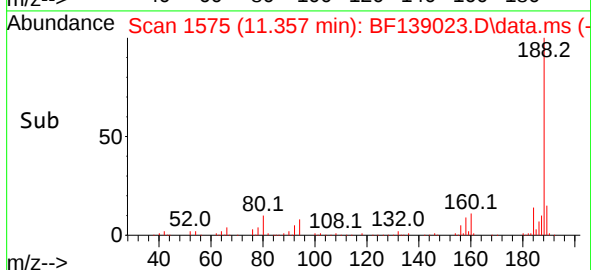
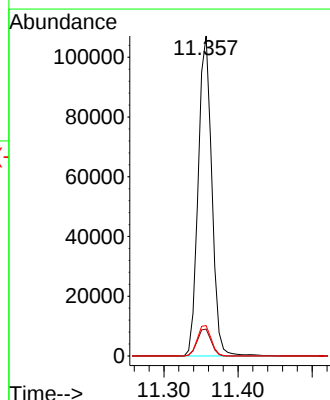
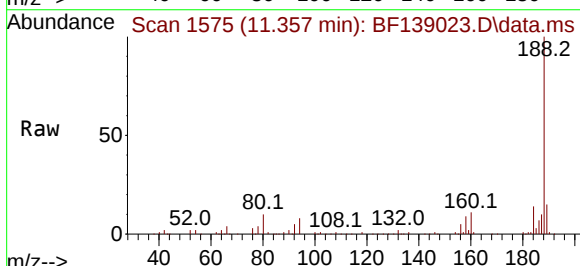
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BNA_F
ClientSampleId :
WC-W-06-202408

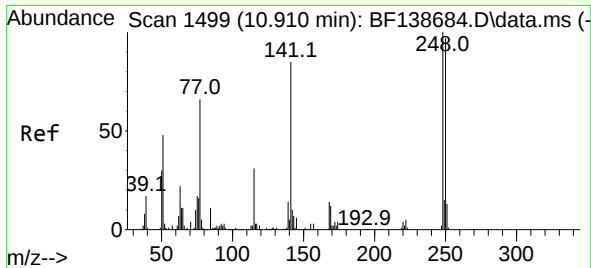
Tgt Ion:	165	Resp:	9625
Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.3	69.5#
89	0.0	64.2	96.4#
182	0.0	2.5	3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

Tgt Ion:	188	Resp:	136319
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.6	11.4
80	9.5	8.6	12.8

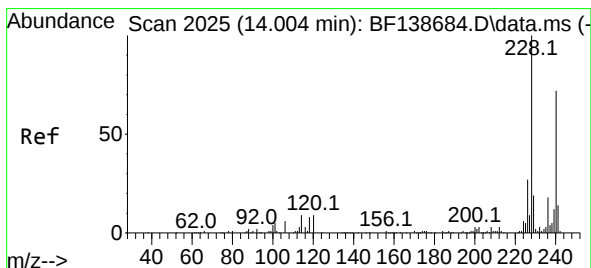
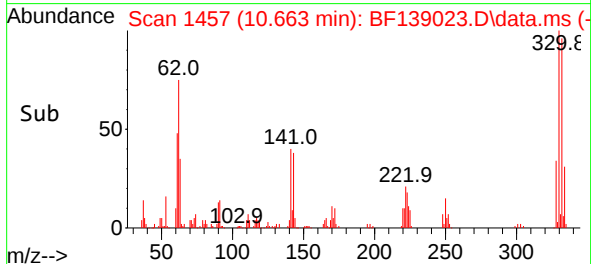
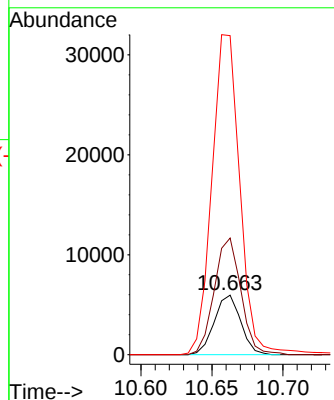
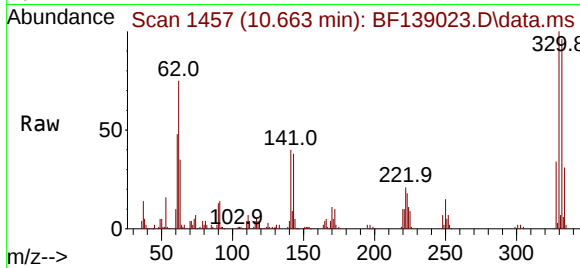




#67
4-Bromophenyl-phenylether
Concen: 5.221 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

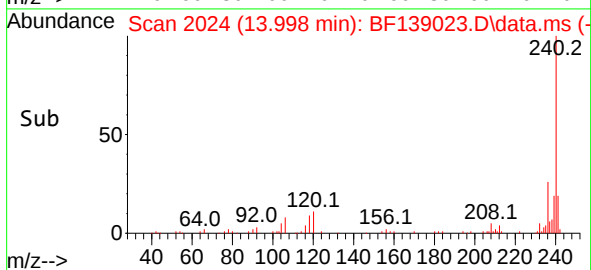
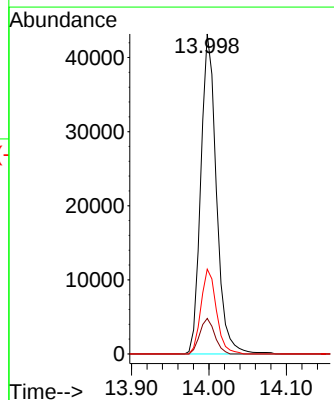
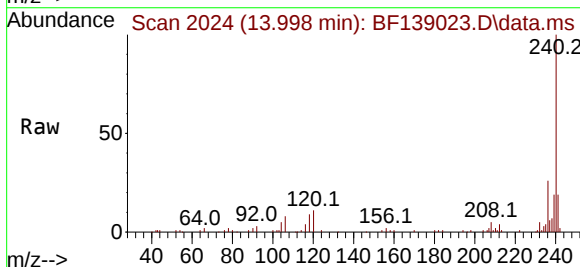
Instrument :
BNA_F
ClientSampleId :
WC-W-06-202408

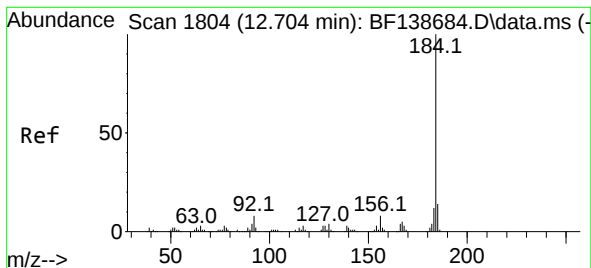
Tgt Ion:248 Resp: 7706
Ion Ratio Lower Upper
248 100
250 195.6 77.7 116.5#
141 535.5 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139023.D
Acq: 15 Aug 2024 15:23

Tgt Ion:240 Resp: 60424
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 26.5 19.8 29.8





#77

Benzidine

Concen: 4.708 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139023.D

Acq: 15 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

WC-W-06-202408

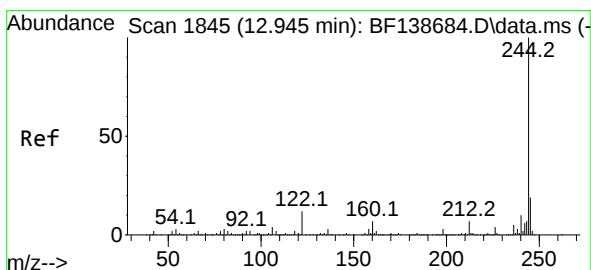
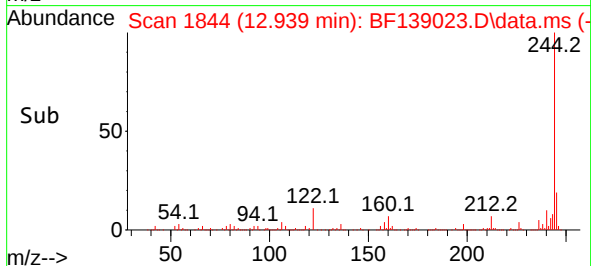
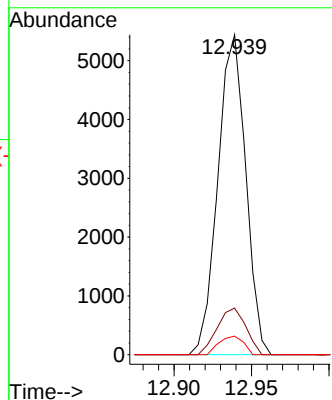
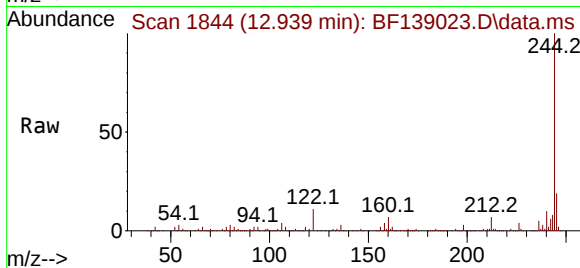
Tgt Ion:184 Resp: 6804

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

183 5.8 9.6 14.4#



#79

Terphenyl-d14

Concen: 126.996 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139023.D

Acq: 15 Aug 2024 15:23

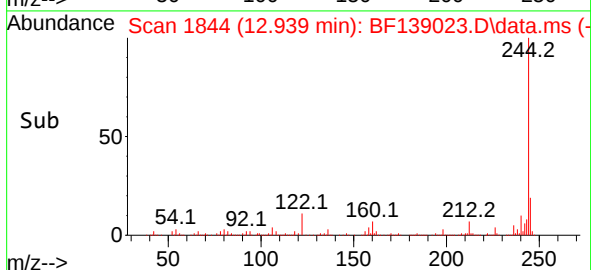
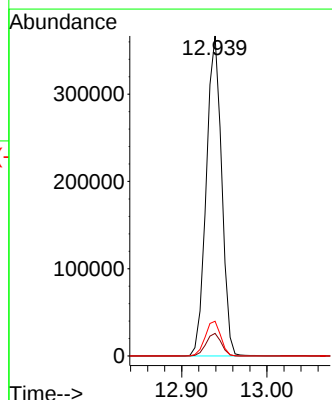
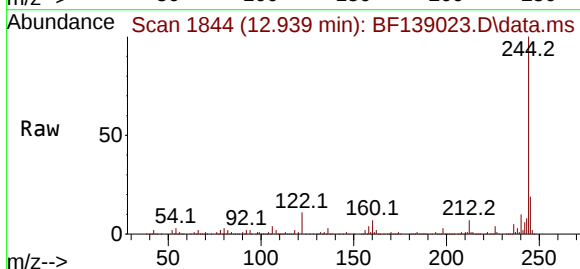
Tgt Ion:244 Resp: 458327

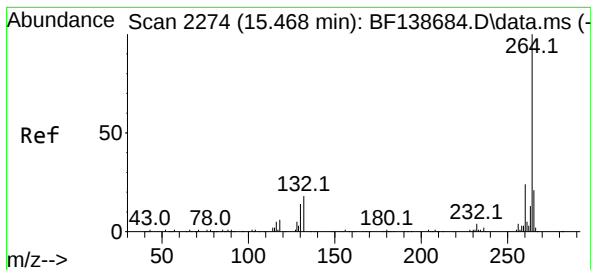
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.8 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139023.D

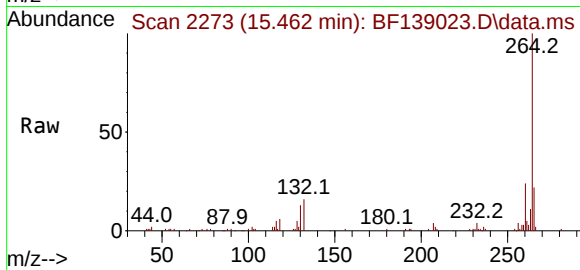
Acq: 15 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

WC-W-06-202408



Tgt Ion:264 Resp: 63945

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.6 17.0 25.6

