

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138914.D
 Acq On : 10 Aug 2024 17:21
 Operator : RC/JU
 Sample : P3476-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUL07

Quant Time: Aug 12 01:16:56 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)

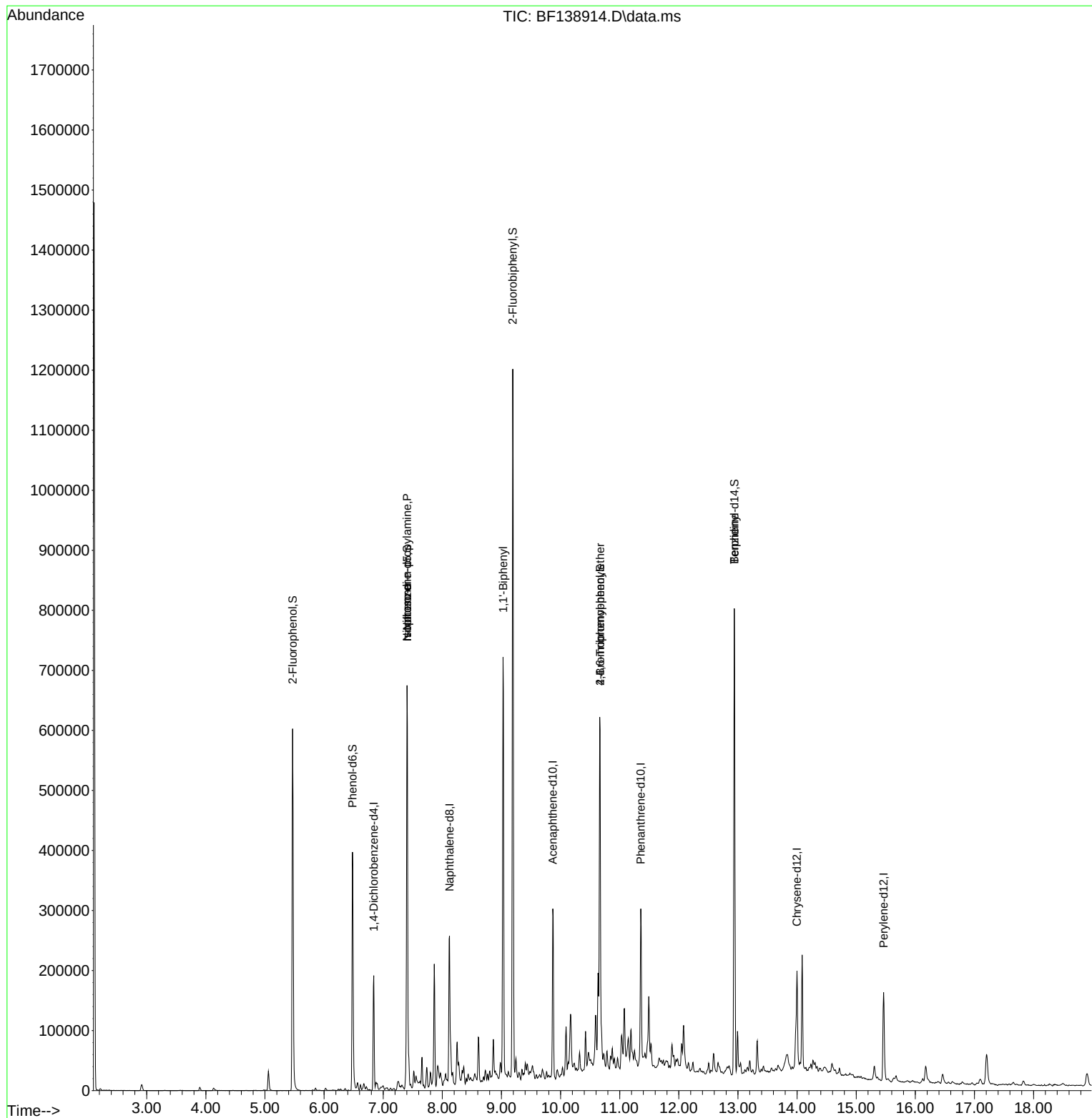
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	34659	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	144676	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	74060	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	112514	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	66059	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	79830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	200794	89.430	ng	0.00
7) Phenol-d6	6.481	99	173151	57.439	ng	0.00
23) Nitrobenzene-d5	7.404	82	276827	93.550	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	86232	142.144	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	485374	98.471	ng	-0.01
79) Terphenyl-d14	12.939	244	351881	89.184	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	39240	21.552	ng	# 81
25) Isophorone	7.404	82	275574	54.538	ng	# 66
46) 1,1'-Biphenyl	9.028	154	164220	28.312	ng	# 46
67) 4-Bromophenyl-phenylether	10.669	248	5907	4.849	ng	# 1
77) Benzidine	12.939	184	4972	3.147	ng	# 85

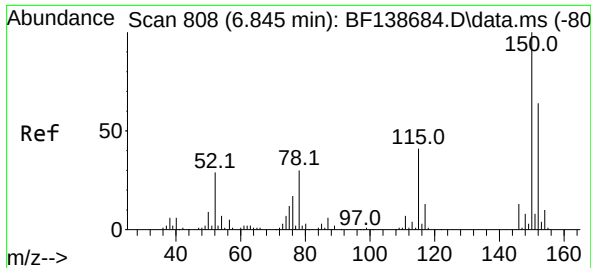
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Aug 12 01:16:56 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

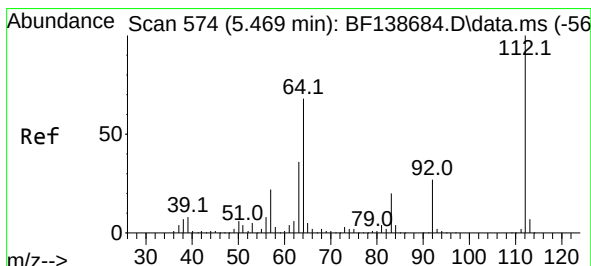
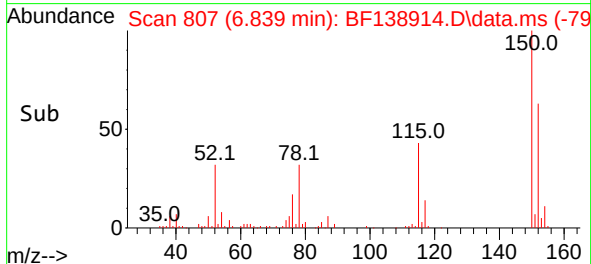
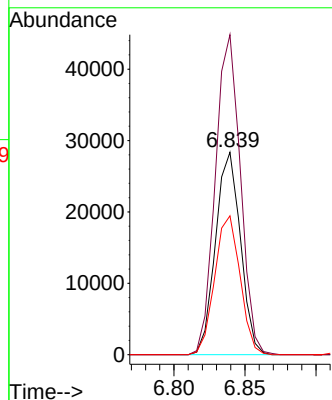
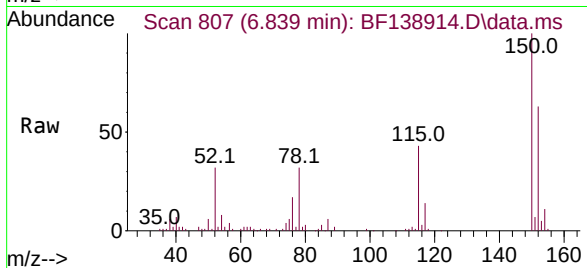




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

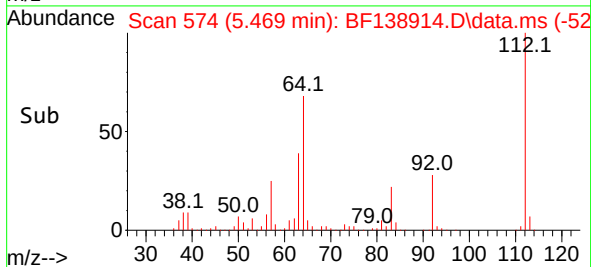
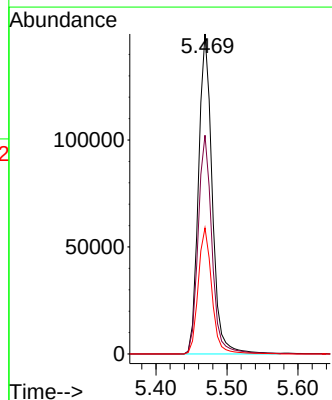
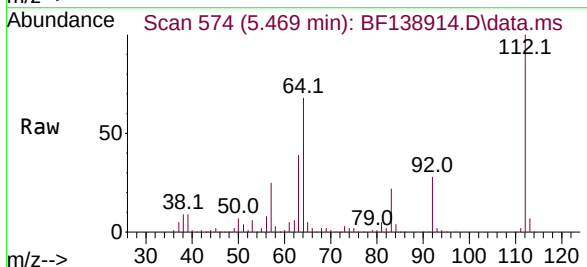
Instrument :
BNA_F
ClientSampleId :
MUL07

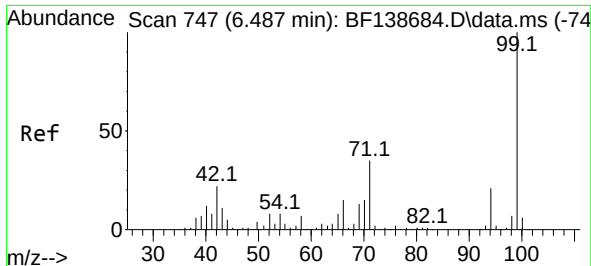
Tgt Ion:152 Resp: 34659
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 68.6 51.7 77.5



#5
2-Fluorophenol
Concen: 89.430 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion:112 Resp: 200794
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 39.4 28.7 43.1

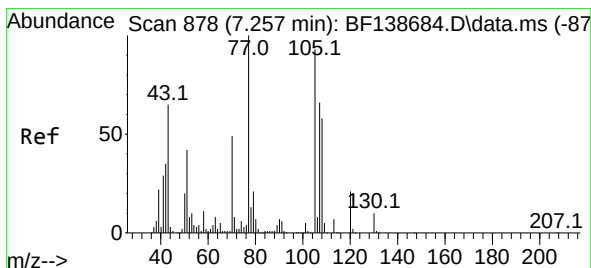
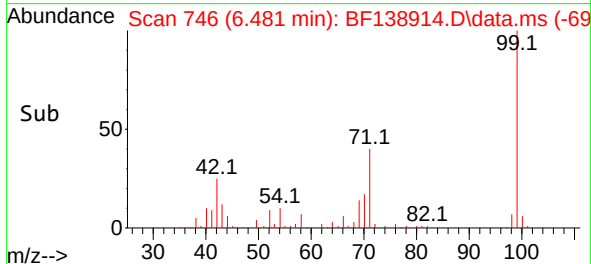
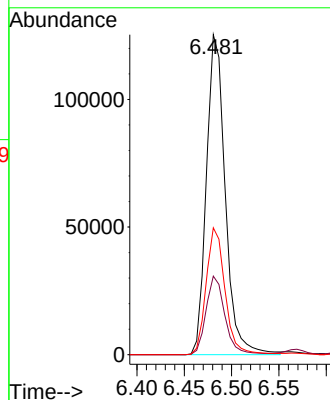
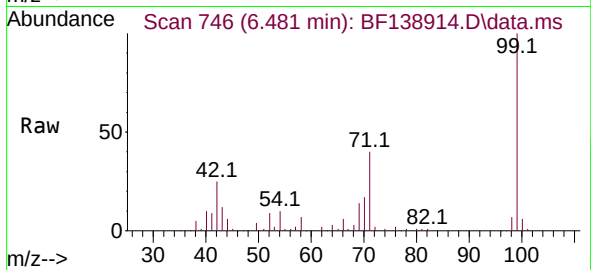




#7
Phenol-d6
Concen: 57.439 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

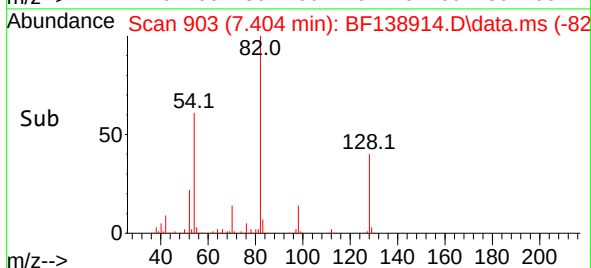
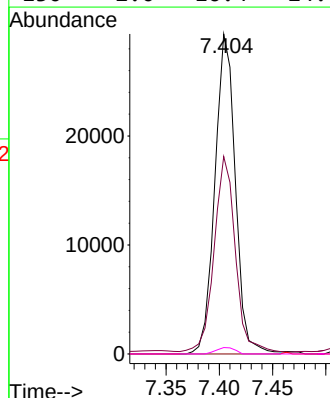
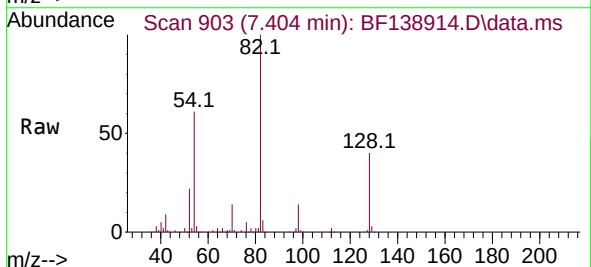
Instrument :
BNA_F
ClientSampleId :
MUL07

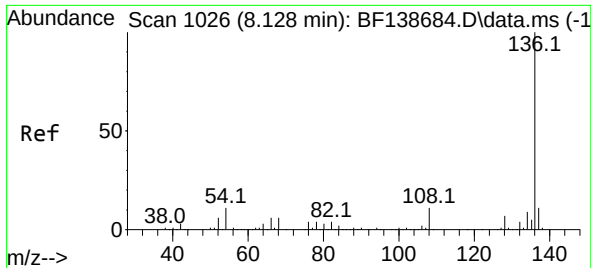
Tgt Ion: 99 Resp: 173151
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 39.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.552 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion: 70 Resp: 39240
Ion Ratio Lower Upper
70 100
42 61.7 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

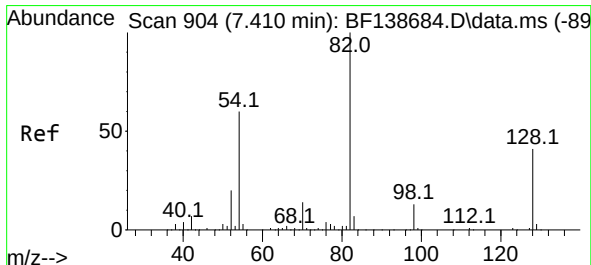
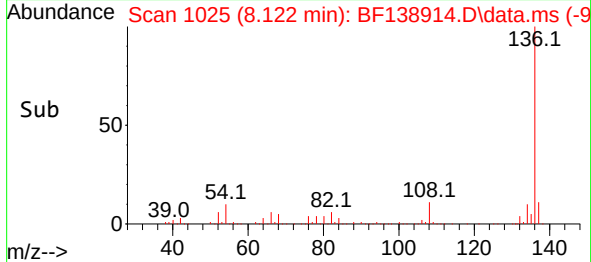
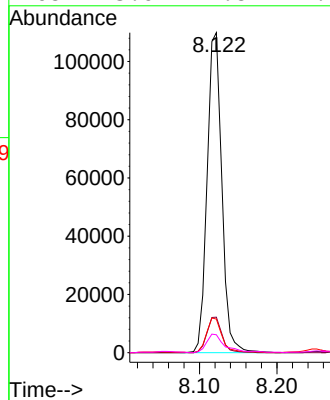
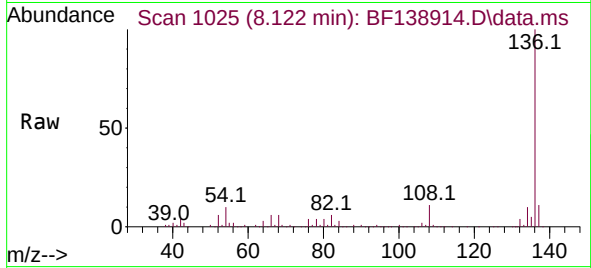




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

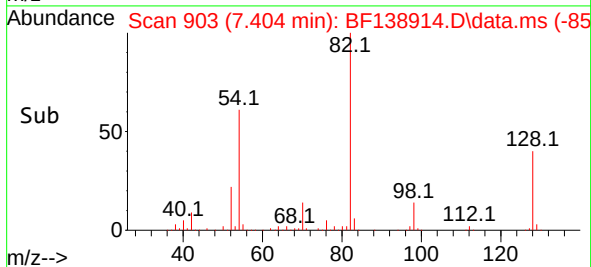
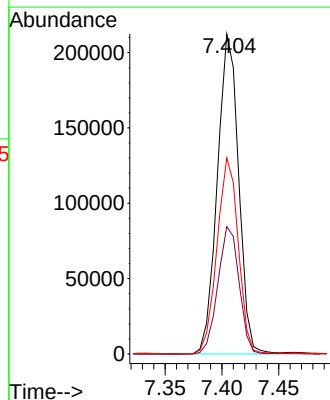
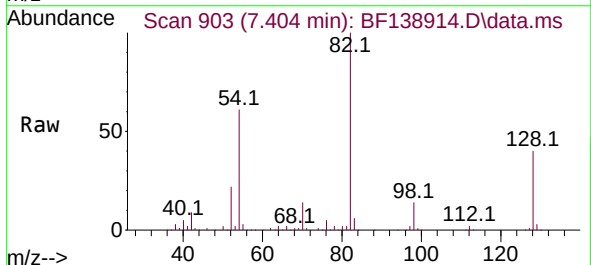
Instrument :
BNA_F
ClientSampleId :
MUL07

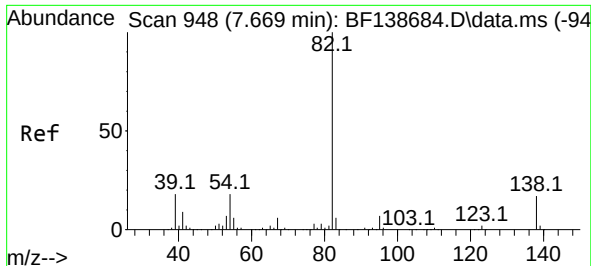
Tgt Ion:136 Resp: 144676
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.5 8.6 12.8
68 5.6 4.8 7.2



#23
Nitrobenzene-d5
Concen: 93.550 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion: 82 Resp: 276827
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 61.2 48.3 72.5

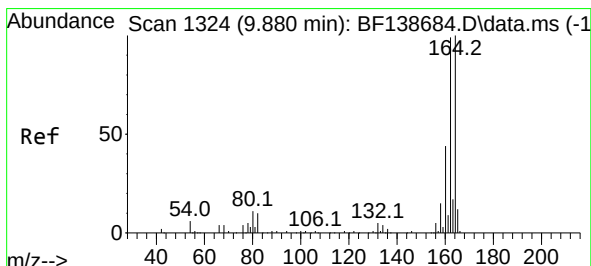
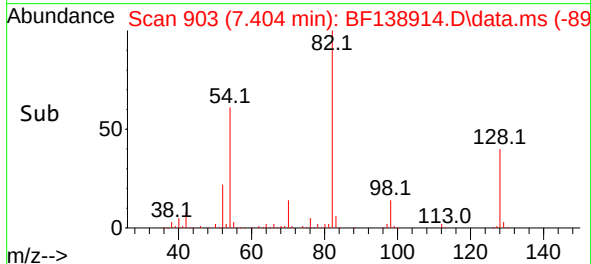
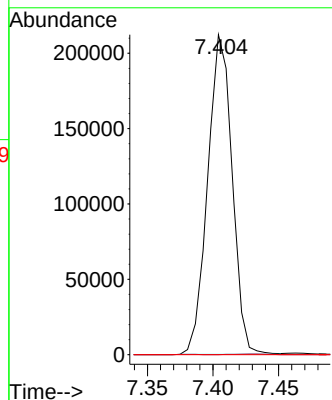
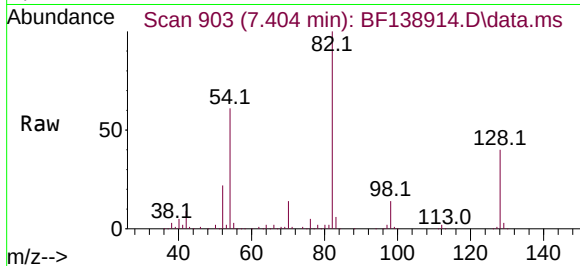




#25
Isophorone
Concen: 54.538 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

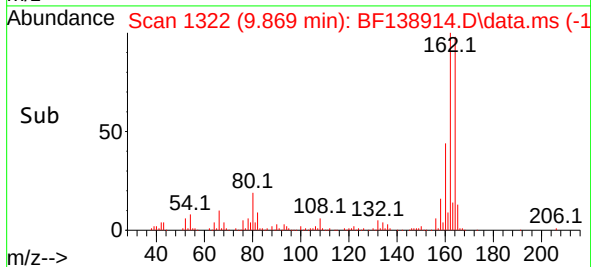
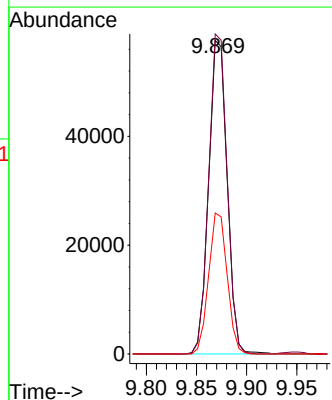
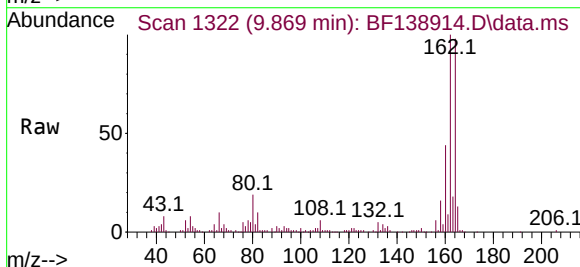
Instrument :
BNA_F
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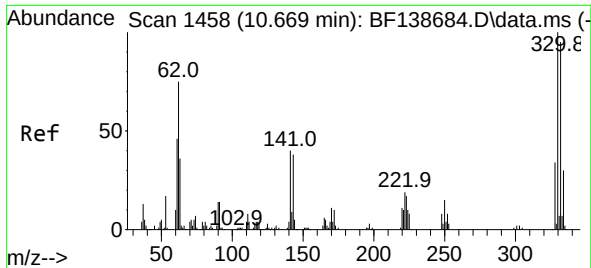
Tgt Ion: 82 Resp: 275574
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

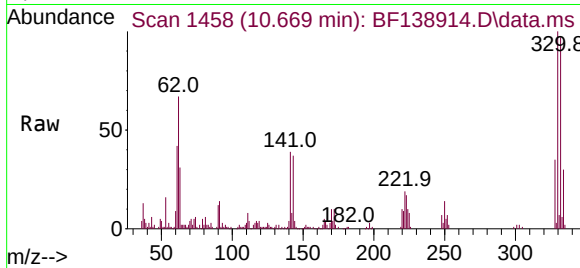
Tgt Ion:164 Resp: 74060
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.0
160 45.0 35.1 52.7



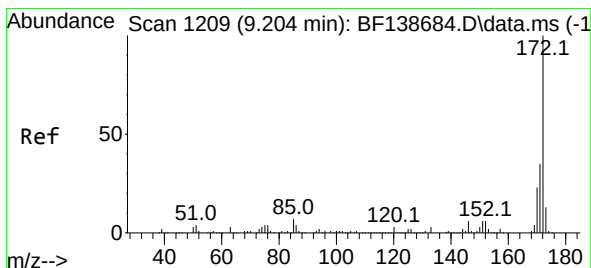
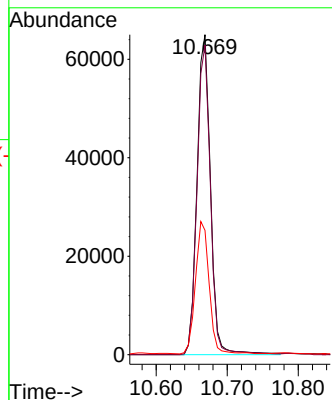
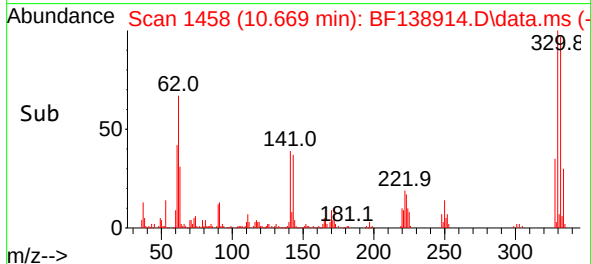


#42
2,4,6-Tribromophenol
Concen: 142.144 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

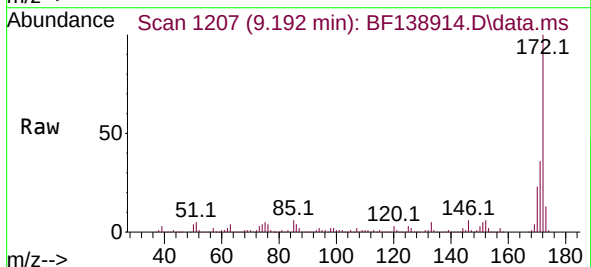
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ClientSampleId :
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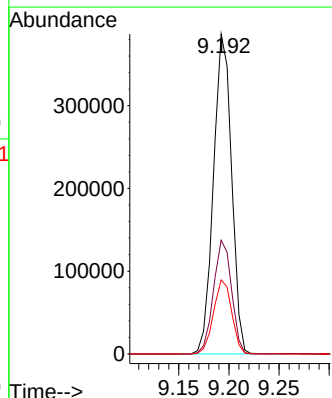
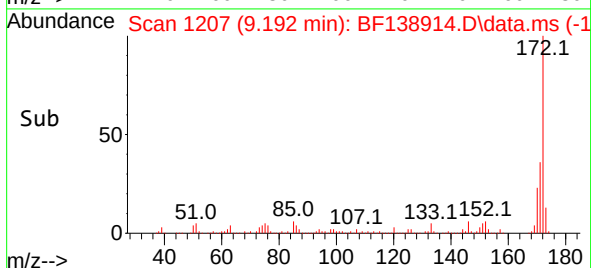
Tgt Ion: 330 Resp: 86232
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 41.4 31.1 46.7

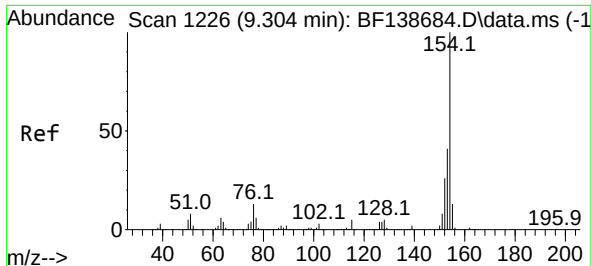


#45
2-Fluorobiphenyl
Concen: 98.471 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21



Tgt Ion: 172 Resp: 485374
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.1 18.8 28.2

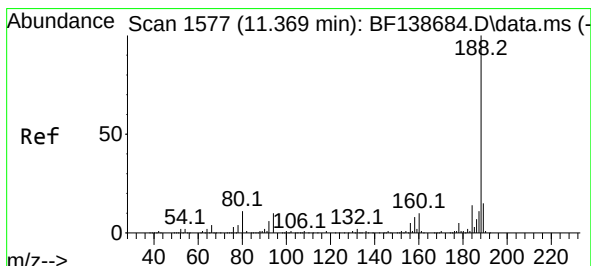
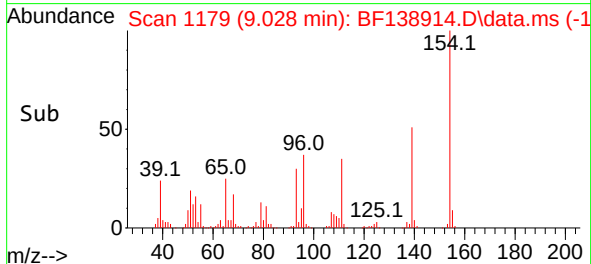
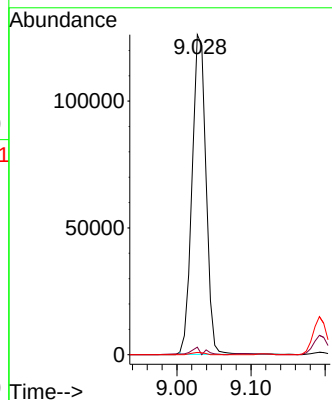
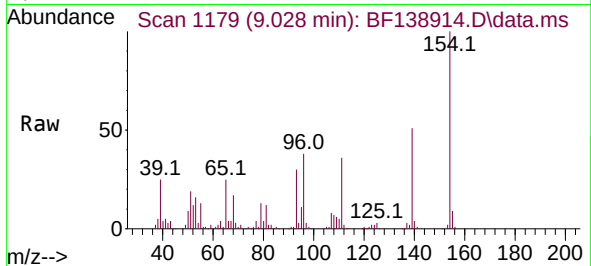




#46
1,1'-Biphenyl
Concen: 28.312 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.276 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

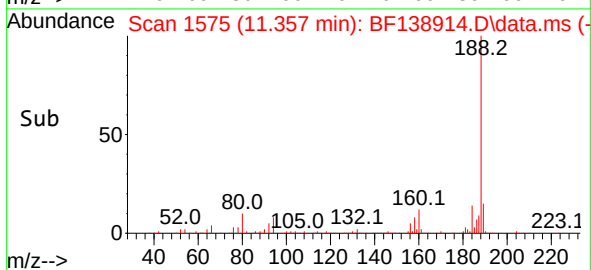
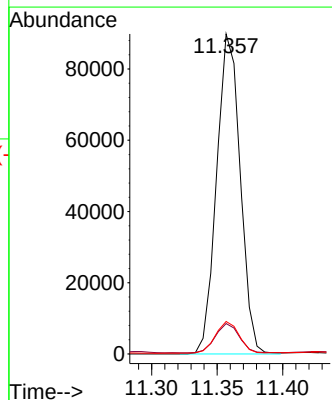
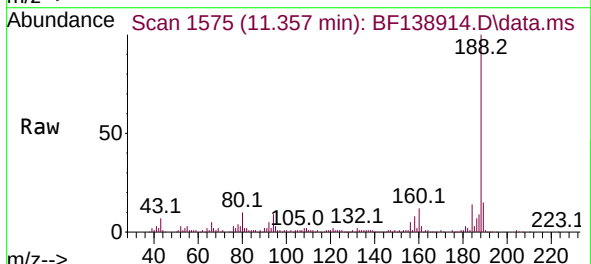
Instrument :
BNA_F
ClientSampleId :
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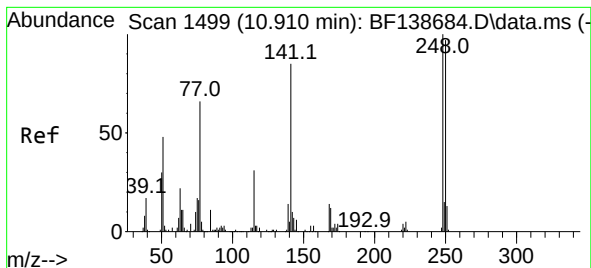
Tgt Ion:154 Resp: 164220
Ion Ratio Lower Upper
154 100
153 2.3 20.8 60.8#
76 0.7 0.0 32.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion:188 Resp: 112514
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.2 8.6 12.8

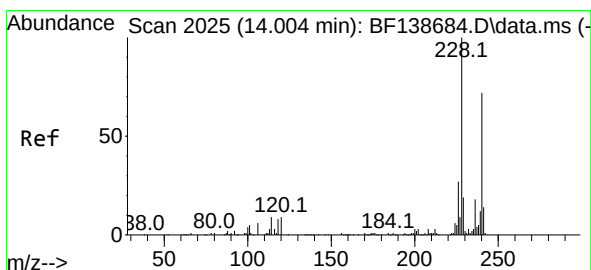
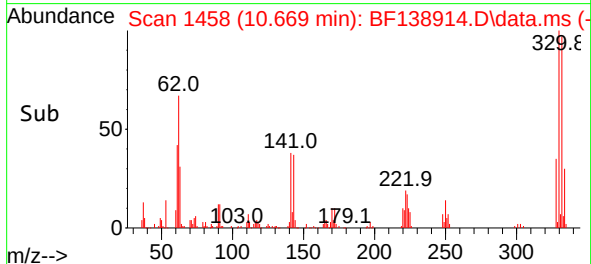
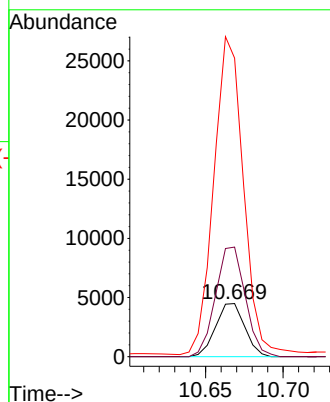
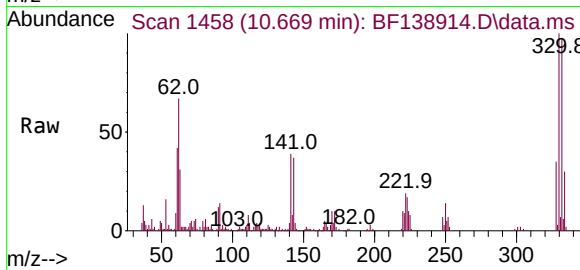




#67
4-Bromophenyl-phenylether
Concen: 4.849 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

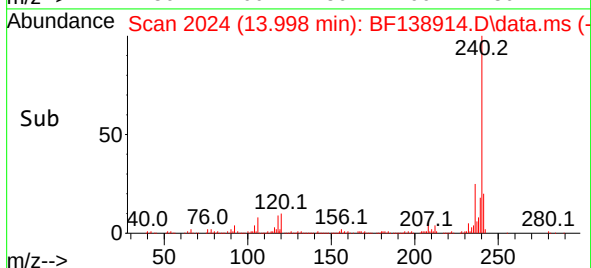
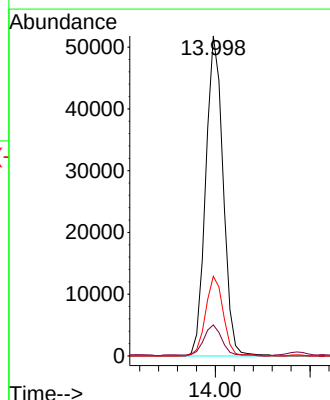
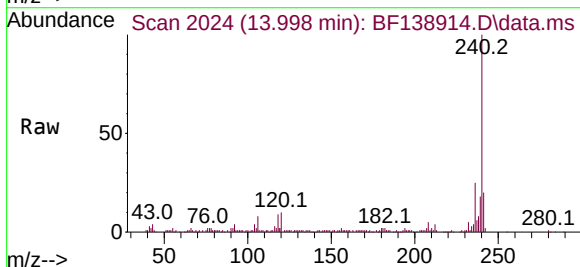
Instrument :
BNA_F
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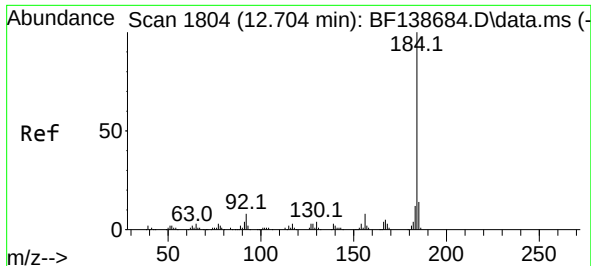
Tgt Ion:248 Resp: 5907
Ion Ratio Lower Upper
248 100
250 206.6 77.7 116.5#
141 562.5 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion:240 Resp: 66059
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 24.9 19.8 29.8

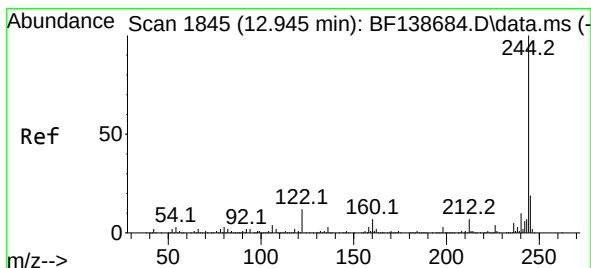
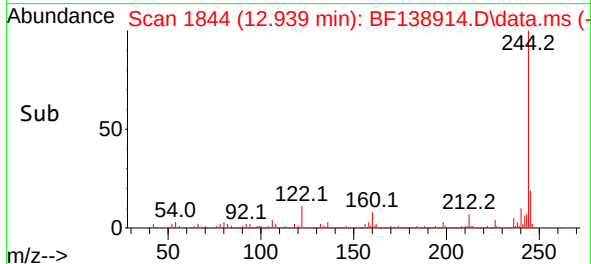
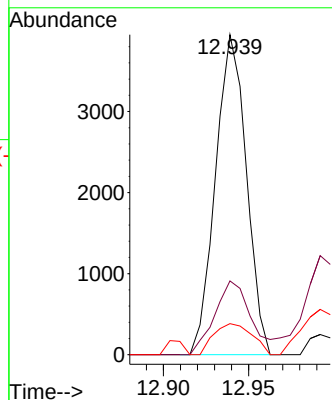
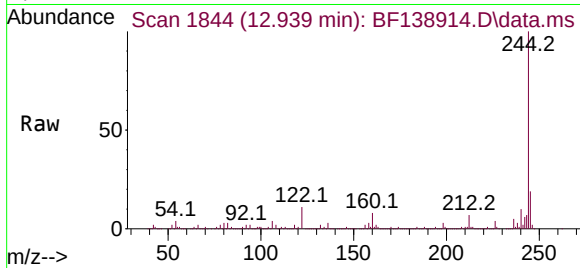




#77
Benzidine
Concen: 3.147 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

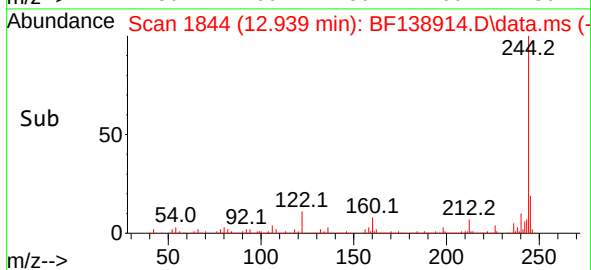
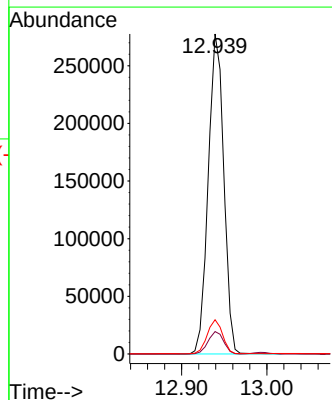
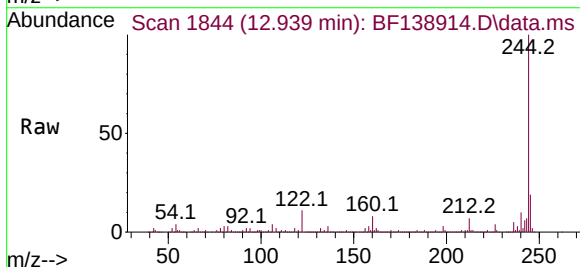
Instrument :
BNA_F
ClientSampleId :
MUL07

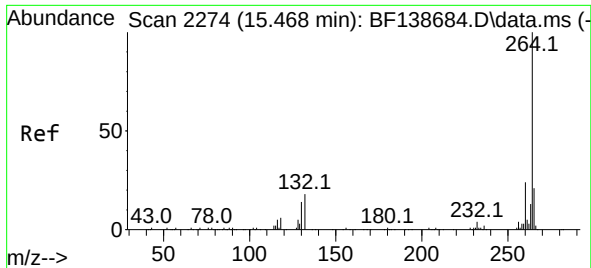
Tgt Ion:184 Resp: 4972
Ion Ratio Lower Upper
184 100
185 23.0 11.1 16.7#
183 9.7 9.6 14.4



#79
Terphenyl-d14
Concen: 89.184 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

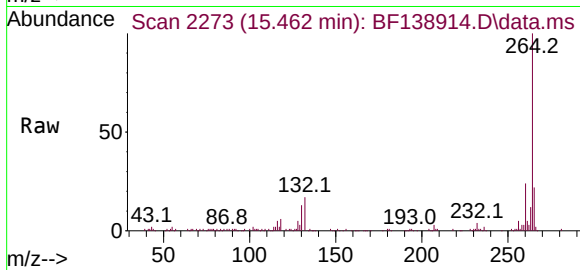
Tgt Ion:244 Resp: 351881
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.7 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Instrument :
BNA_F
ClientSampleId :
MUL07



Tgt Ion:264 Resp: 79830
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.8 17.0 25.6

