

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138743.D
 Acq On : 02 Aug 2024 12:59
 Operator : RC/JU
 Sample : P3396-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF03-01

Quant Time: Aug 02 13:22:47 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)

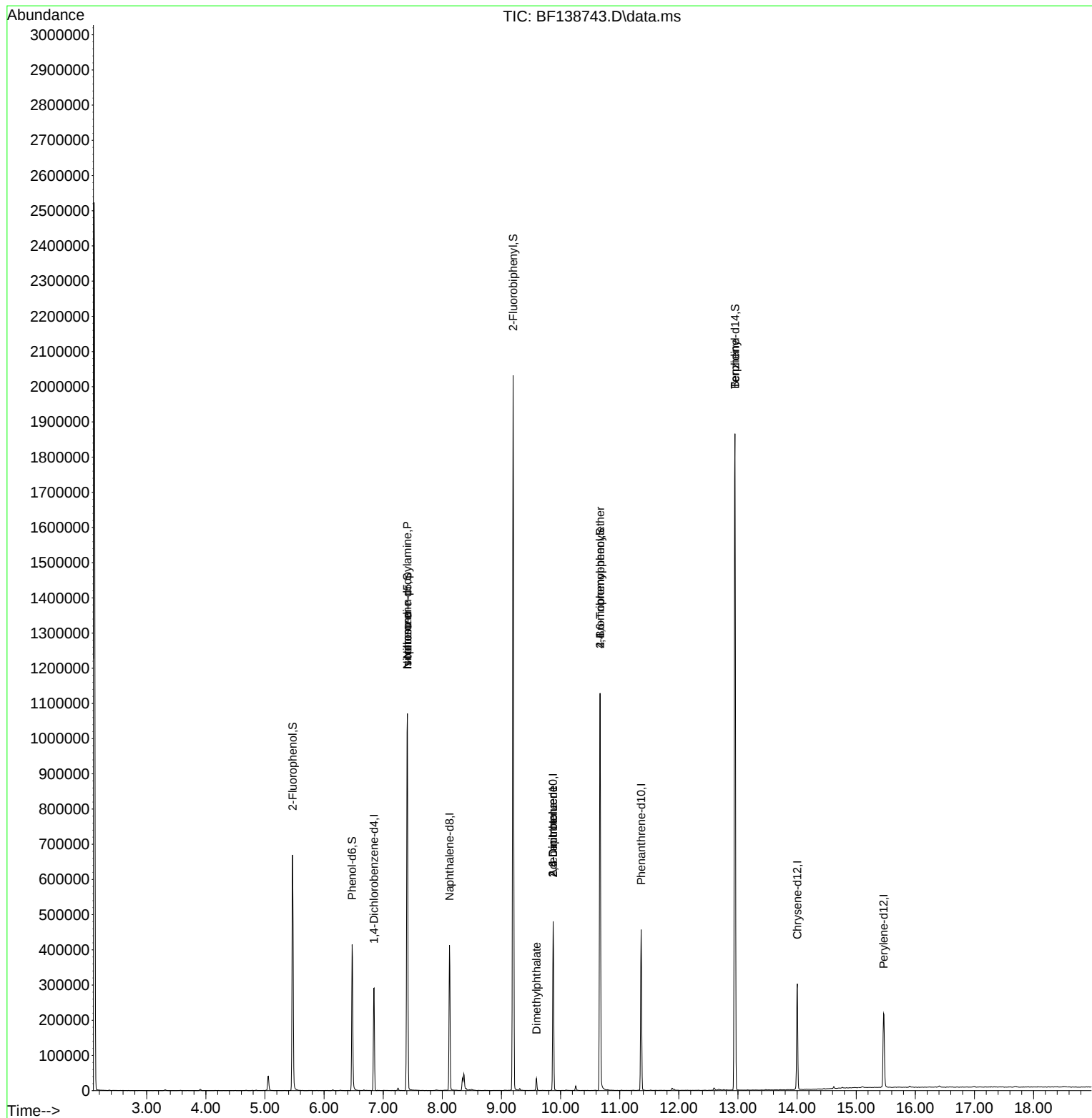
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	58274	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	243426	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	134618	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	229934	20.000	ng	0.00
76) Chrysene-d12	14.004	240	141457	20.000	ng	0.00
86) Perylene-d12	15.462	264	125197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	230641	61.096	ng	0.00
7) Phenol-d6	6.475	99	184444	36.391	ng	-0.01
23) Nitrobenzene-d5	7.410	82	486124	97.636	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	168514	152.819	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	852943	95.199	ng	0.00
79) Terphenyl-d14	12.951	244	908393	107.516	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	65487	21.392	ng	# 74
25) Isophorone	7.410	82	483806	56.907	ng	# 66
50) Dimethylphthalate	9.592	163	18627	2.164	ng	97
51) 2,6-Dinitrotoluene	9.874	165	17631	9.076	ng	# 20
57) 2,4-Dinitrotoluene	9.874	165	17631	7.114	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	12012	4.825	ng	# 1
77) Benzidine	12.951	184	11640	3.440	ng	# 93

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

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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

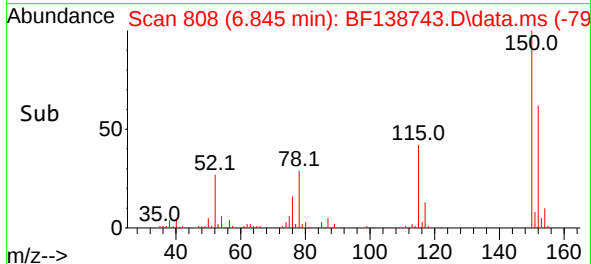
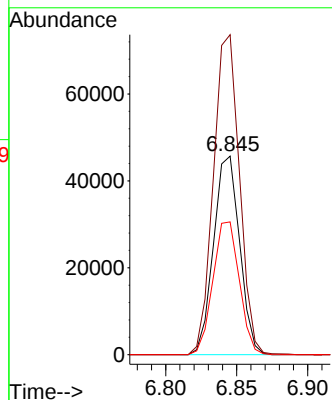
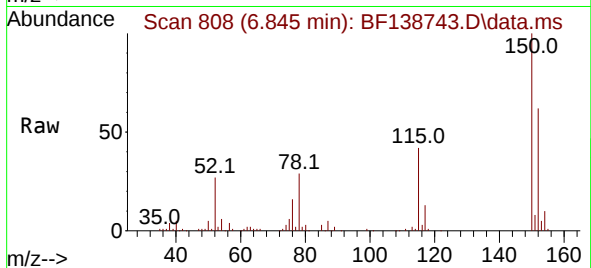




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

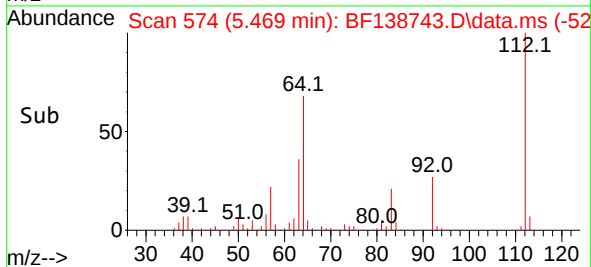
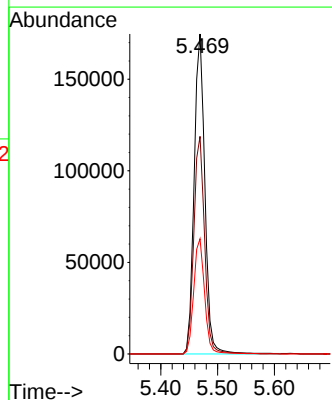
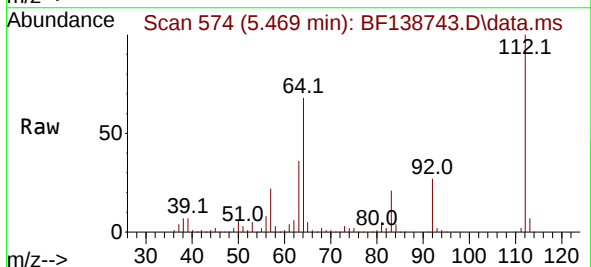
Instrument :
BNA_F
ClientSampleId :
P001-CF03-01

Tgt Ion:152 Resp: 58274
Ion Ratio Lower Upper
152 100
150 161.2 126.0 189.0
115 66.9 51.7 77.5



#5
2-Fluorophenol
Concen: 61.096 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

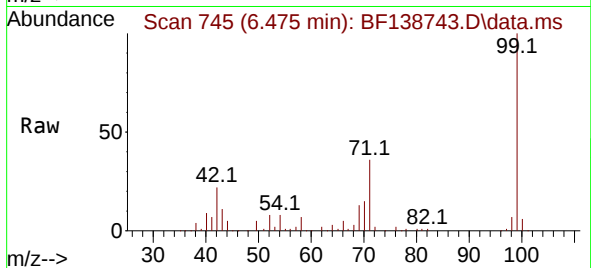
Tgt Ion:112 Resp: 230641
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 36.0 28.7 43.1



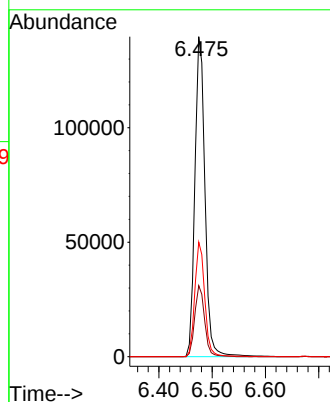
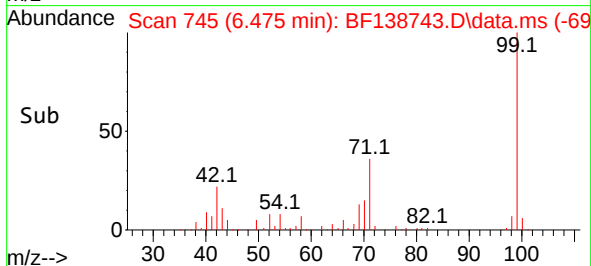


#7
Phenol-d6
Concen: 36.391 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

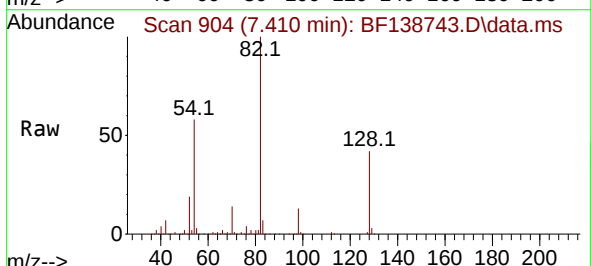
Instrument :
BNA_F
ClientSampleId :
P001-CF03-01



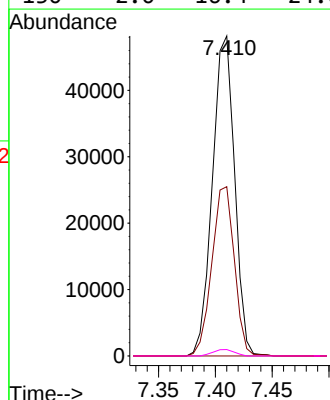
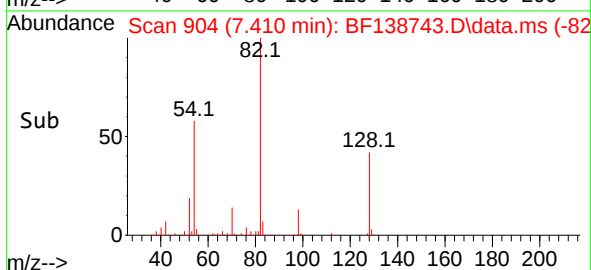
Tgt Ion: 99 Resp: 184444
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.0
71 35.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.392 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59



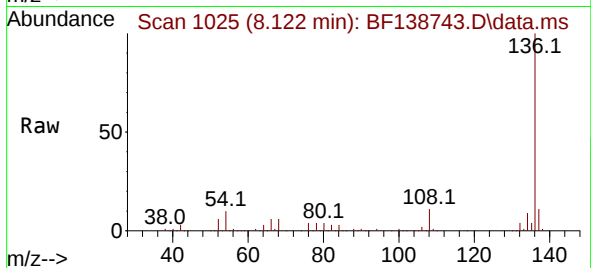
Tgt Ion: 70 Resp: 65487
Ion Ratio Lower Upper
70 100
42 52.9 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#



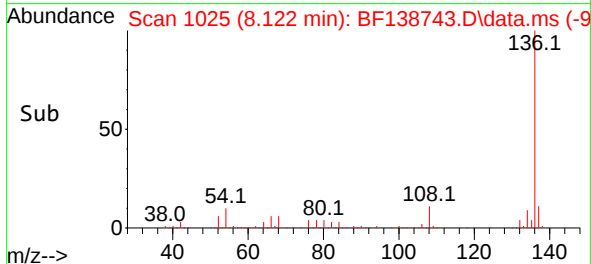
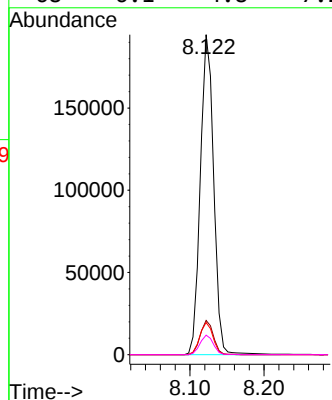


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

Instrument :
BNA_F
ClientSampleId :
P001-CF03-01

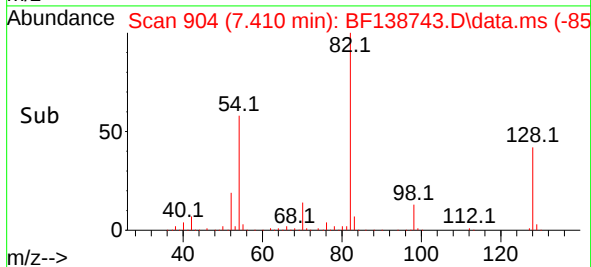
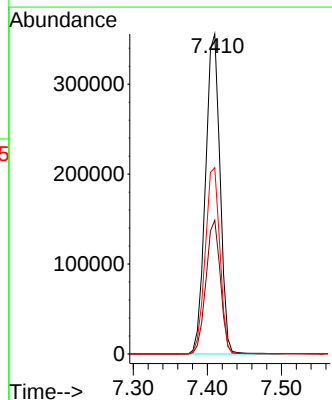
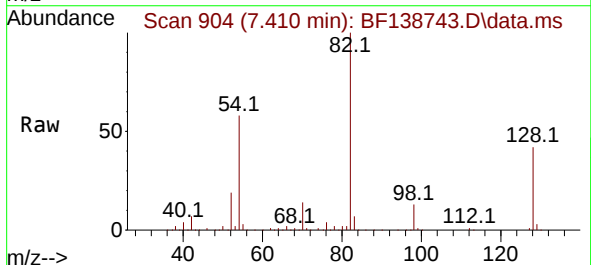


Tgt Ion:136 Resp: 243426
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.1 8.6 12.8
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 97.636 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

Tgt Ion: 82 Resp: 486124
Ion Ratio Lower Upper
82 100
128 41.8 32.8 49.2
54 58.2 48.3 72.5

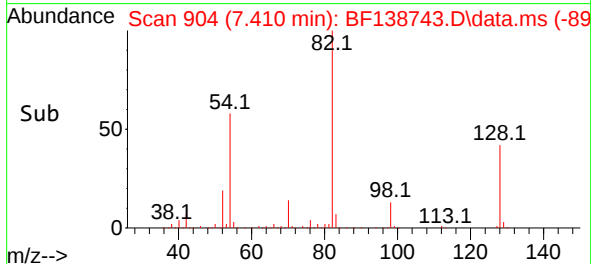
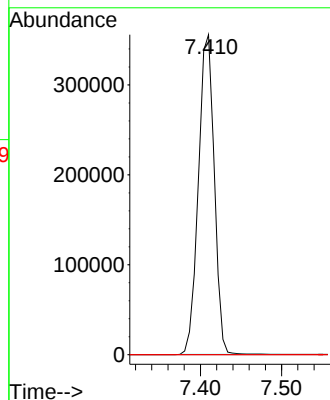
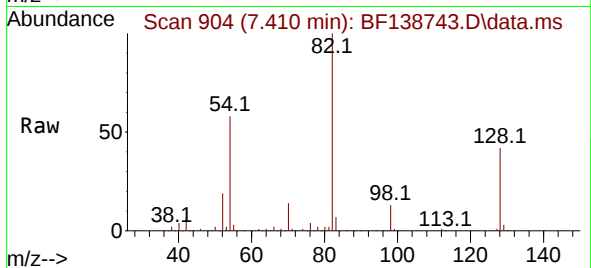




#25
Isophorone
Concen: 56.907 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

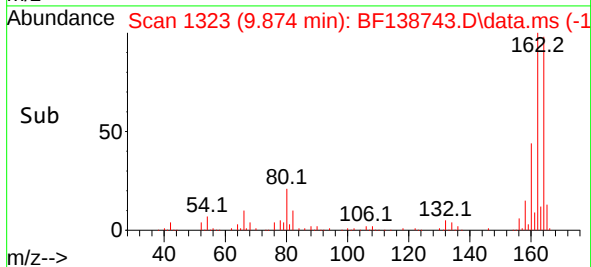
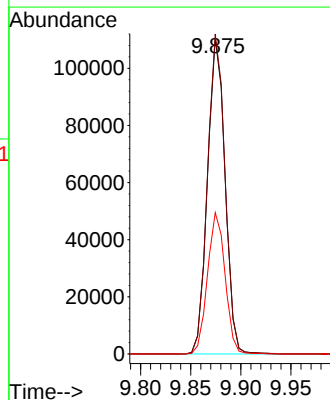
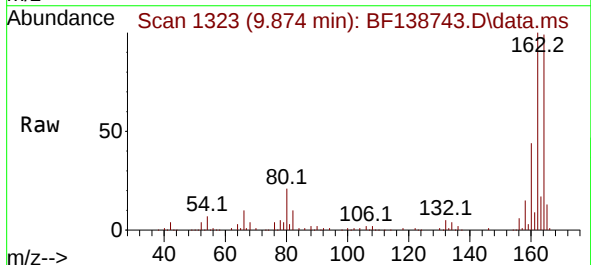
Instrument :
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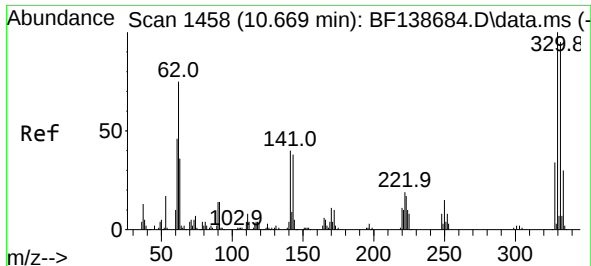
Tgt Ion: 82 Resp: 483806
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

Tgt Ion:164 Resp: 134618
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 44.8 35.1 52.7

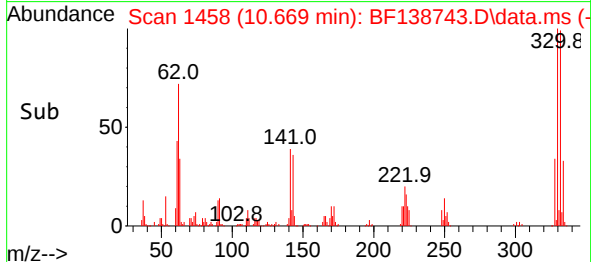
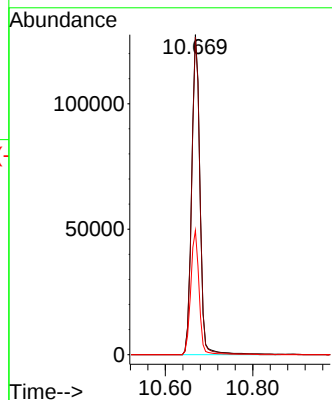
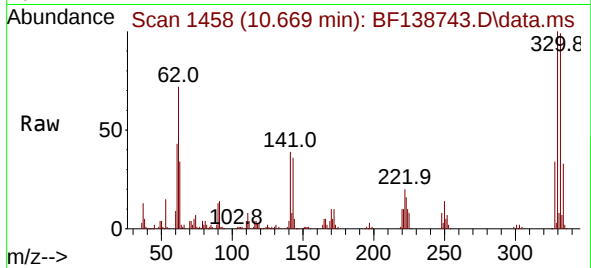




#42
2,4,6-Tribromophenol
Concen: 152.819 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

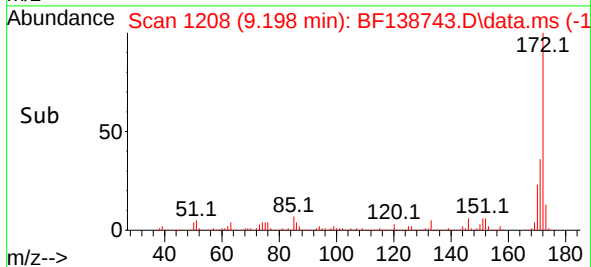
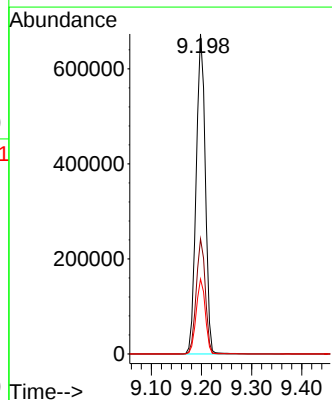
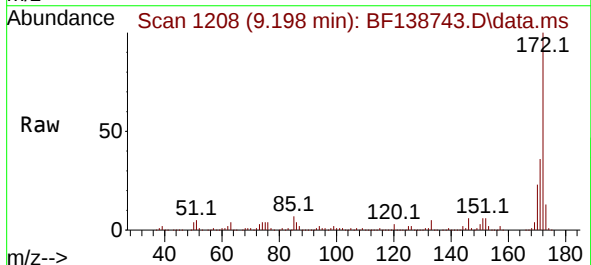
Instrument :
BNA_F
ClientSampleId :
P001-CF03-01

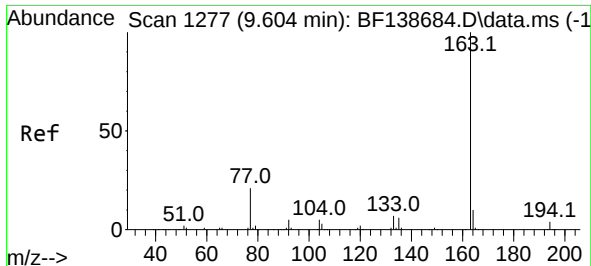
Tgt Ion:330 Resp: 168514
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 39.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 95.199 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

Tgt Ion:172 Resp: 852943
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.4 18.8 28.2

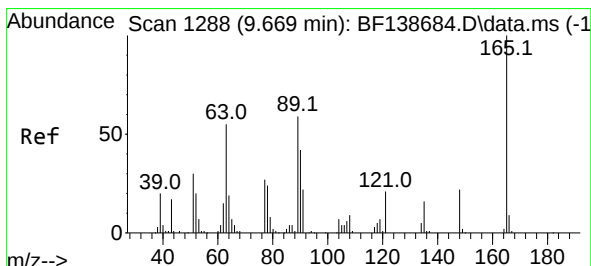
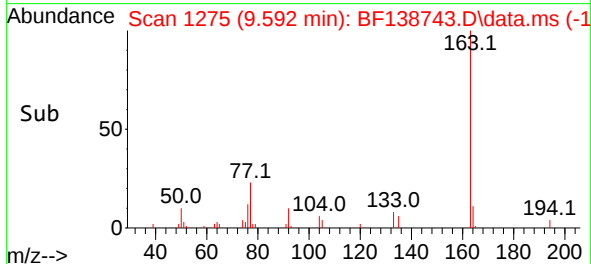
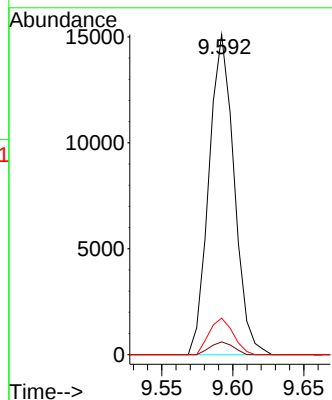
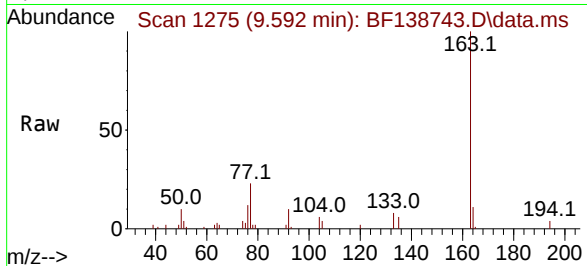




#50
Dimethylphthalate
Concen: 2.164 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

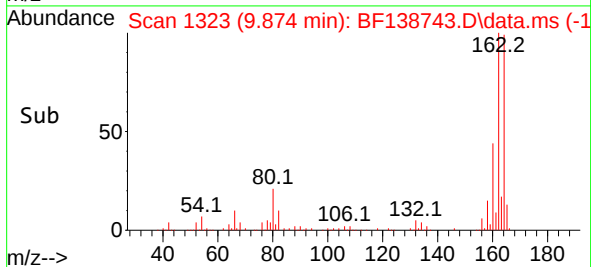
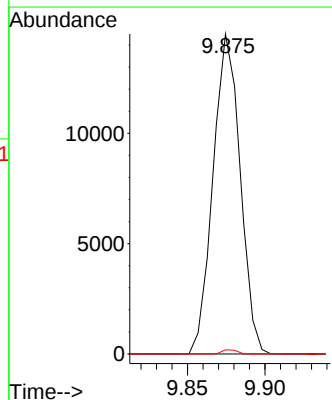
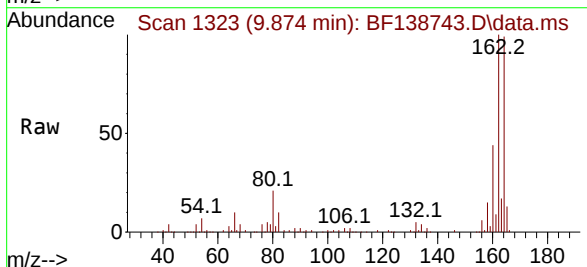
Instrument :
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ClientSampleId :
P001-CF03-01

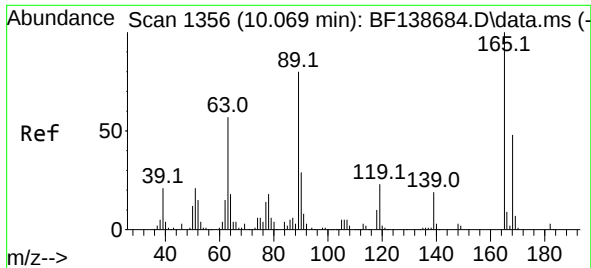
Tgt Ion:163 Resp: 18627
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 11.4 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.076 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

Tgt Ion:165 Resp: 17631
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.3 47.0 70.6#

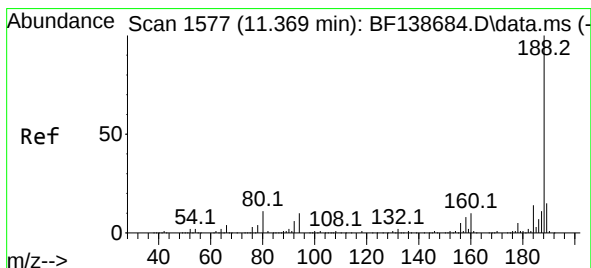
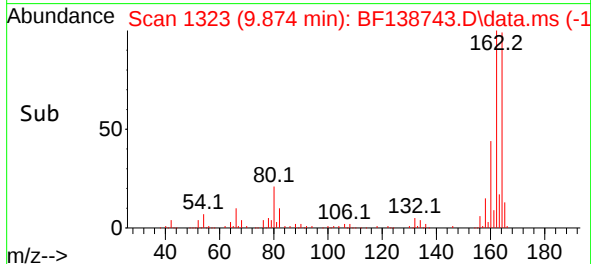
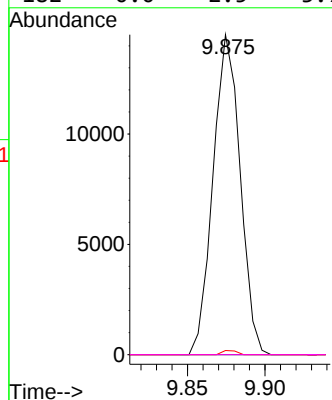
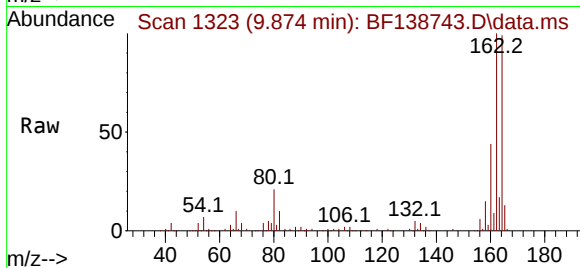




#57
2,4-Dinitrotoluene
Concen: 7.114 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

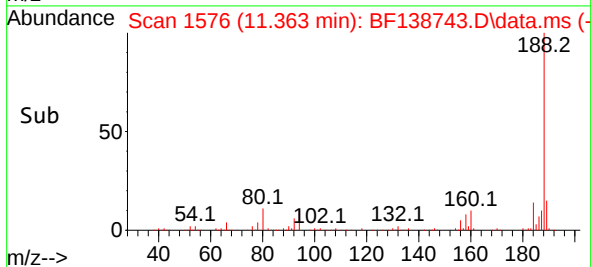
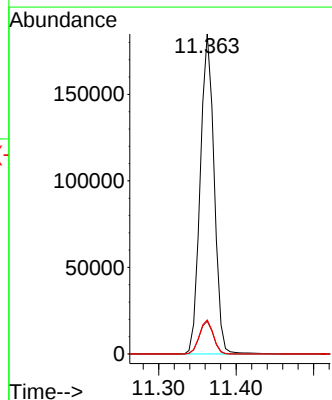
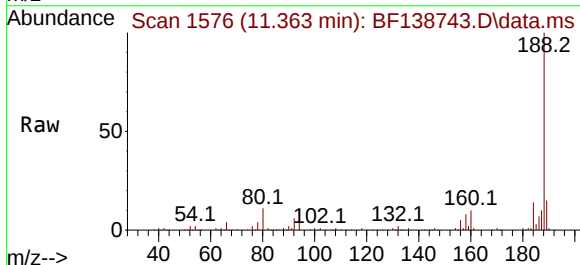
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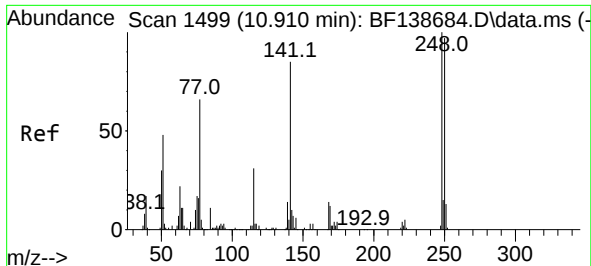
Tgt Ion:165 Resp: 17631
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.3 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

Tgt Ion:188 Resp: 229934
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 10.6 8.6 12.8

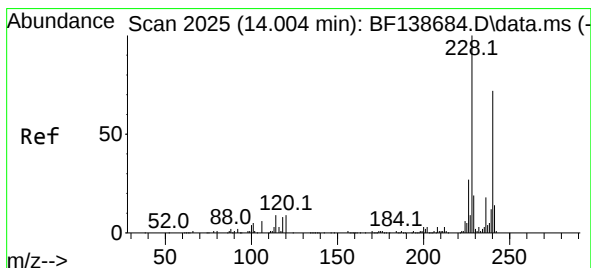
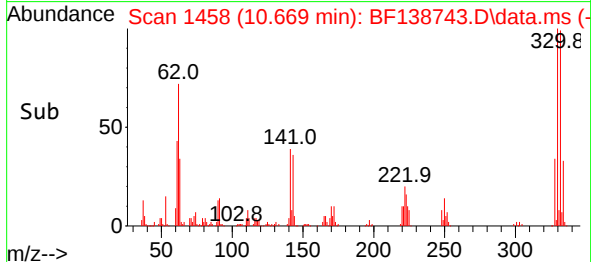
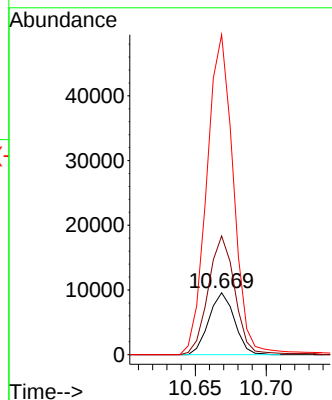
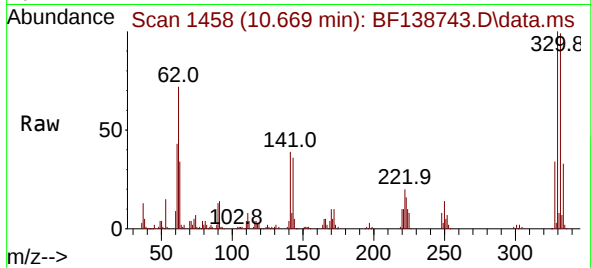




#67
4-Bromophenyl-phenylether
Concen: 4.825 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

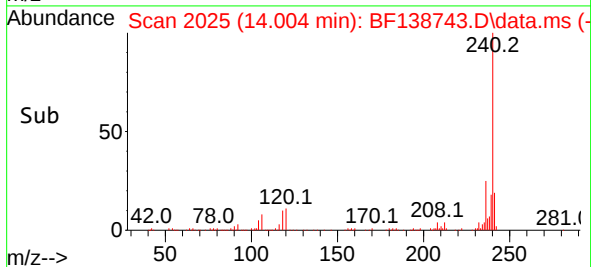
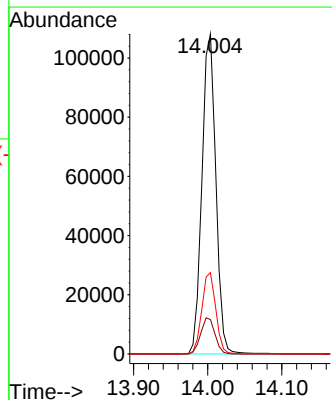
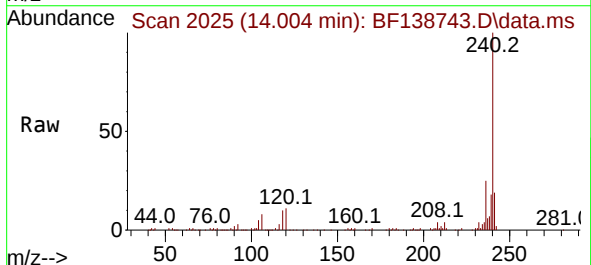
Instrument :
BNA_F
ClientSampleId :
P001-CF03-01

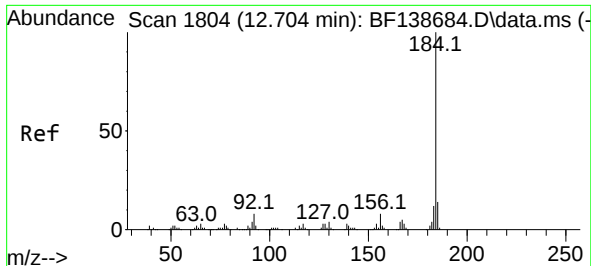
Tgt Ion:248 Resp: 12012
Ion Ratio Lower Upper
248 100
250 191.8 77.7 116.5#
141 516.7 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

Tgt Ion:240 Resp: 141457
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 25.4 19.8 29.8

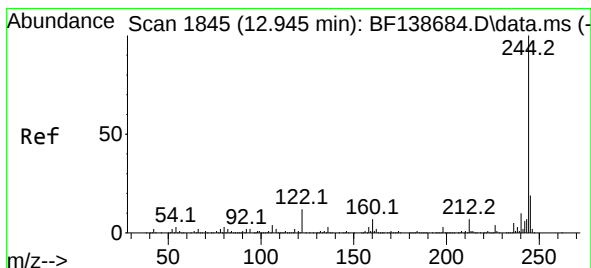
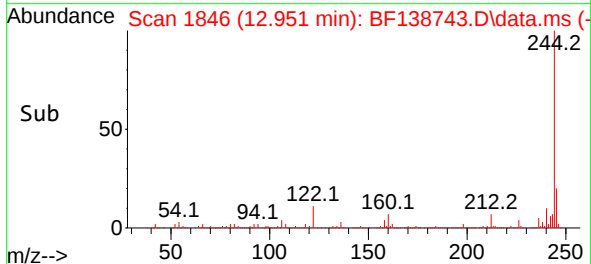
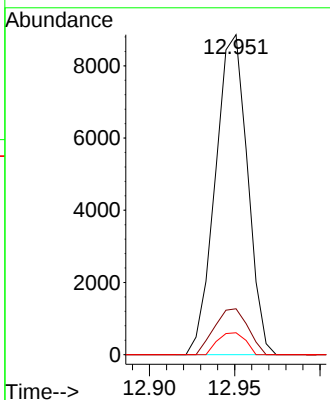
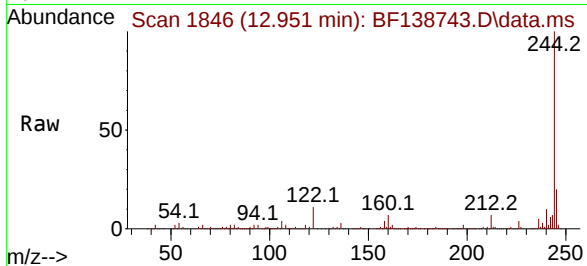




#77
Benzidine
Concen: 3.440 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

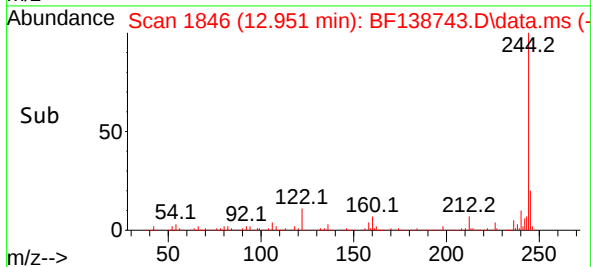
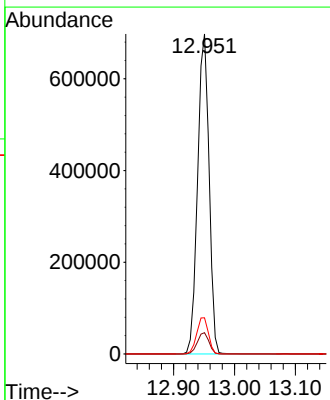
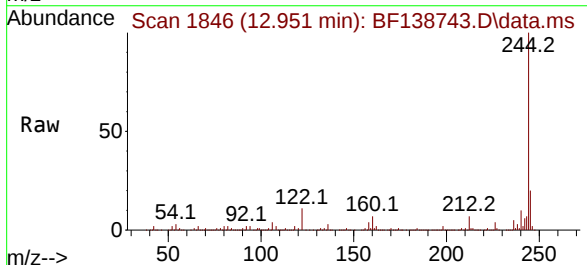
Instrument :
BNA_F
ClientSampleId :
P001-CF03-01

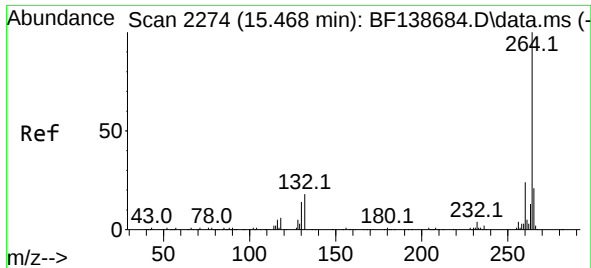
Tgt Ion:184 Resp: 11640
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 6.8 9.6 14.4#



#79
Terphenyl-d14
Concen: 107.516 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138743.D
Acq: 02 Aug 2024 12:59

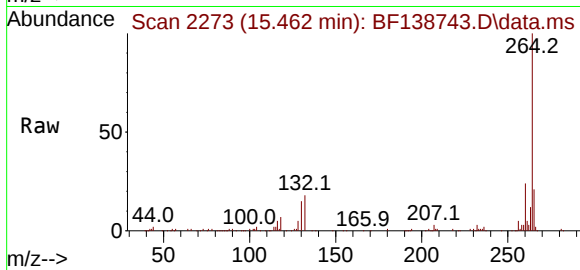
Tgt Ion:244 Resp: 908393
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 11.3 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138743.D
 Acq: 02 Aug 2024 12:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF03-01



Tgt Ion:264	Resp:	125197
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.0 28.6
265	21.1	17.0 25.6

