

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138948.D
 Acq On : 12 Aug 2024 22:28
 Operator : RC/JU
 Sample : P3530-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-05-202408

Quant Time: Aug 13 01:02:52 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)

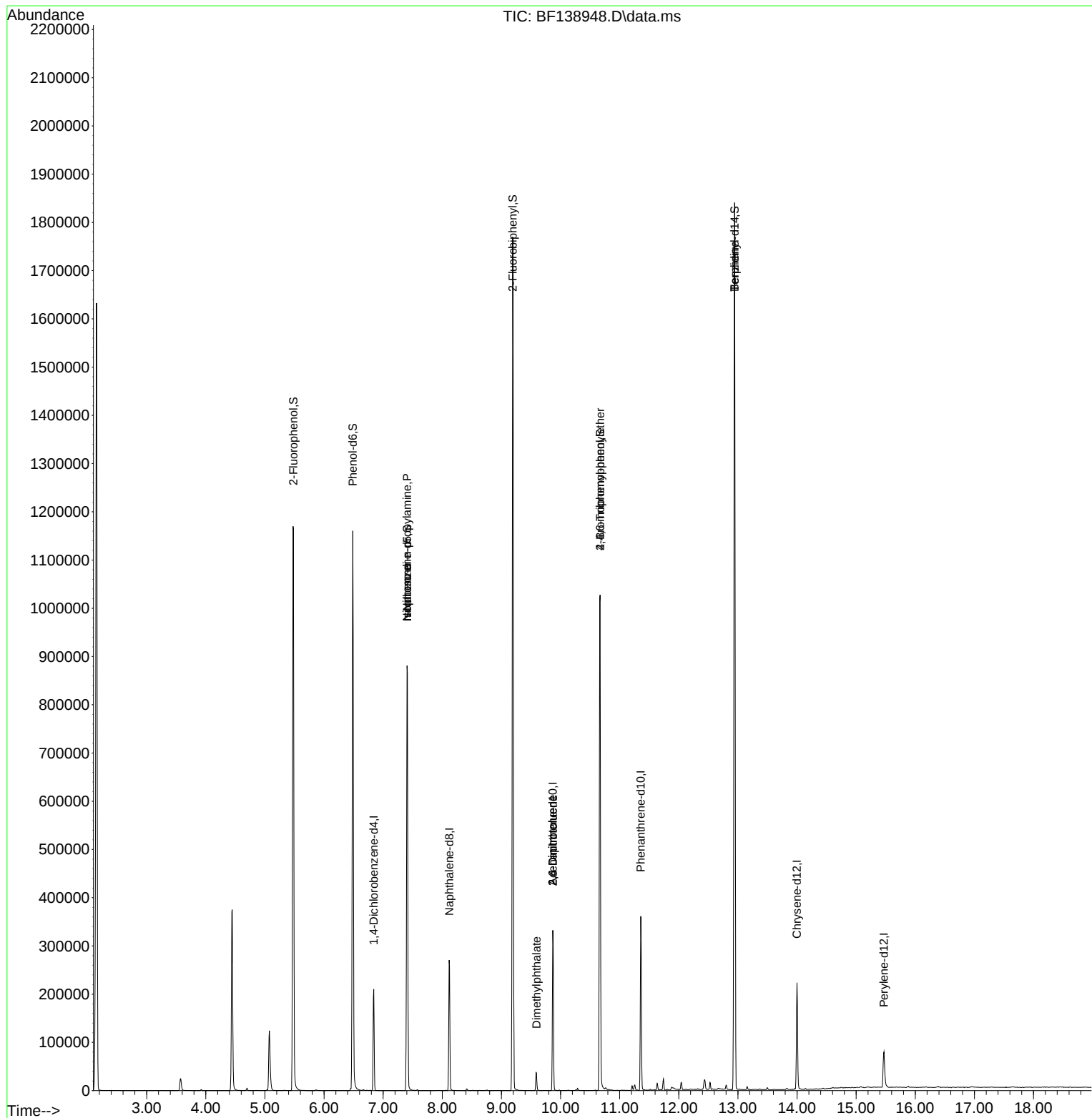
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39258	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	168265	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	96537	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	184119	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	107196	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	44584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	410706	161.492	ng	0.01
7) Phenol-d6	6.487	99	514473	150.673	ng	0.00
23) Nitrobenzene-d5	7.404	82	403709	117.302	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	158642	200.618	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	759028	118.135	ng	-0.01
79) Terphenyl-d14	12.945	244	918426	143.447	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	56351	27.324	ng	# 77
25) Isophorone	7.404	82	403748	68.703	ng	# 66
50) Dimethylphthalate	9.592	163	22935	3.716	ng	99
51) 2,6-Dinitrotoluene	9.869	165	12567	9.021	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12567	7.071	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	11647	5.843	ng	# 1
77) Benzidine	12.945	184	12848	5.011	ng	# 88

(#) = 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
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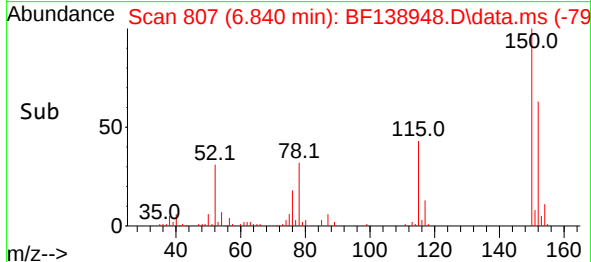
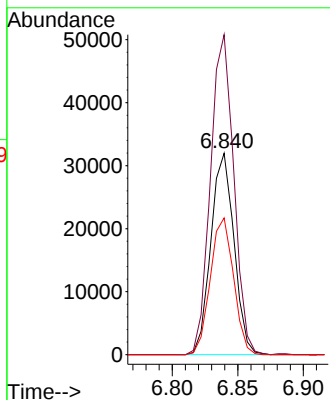
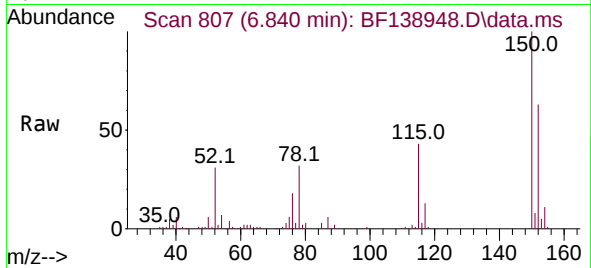




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

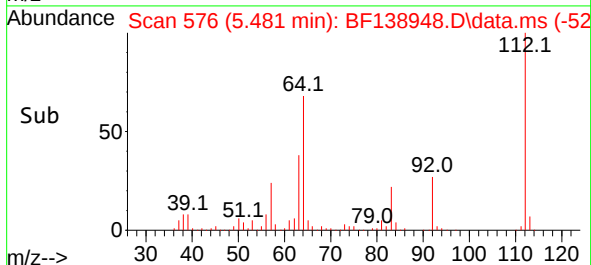
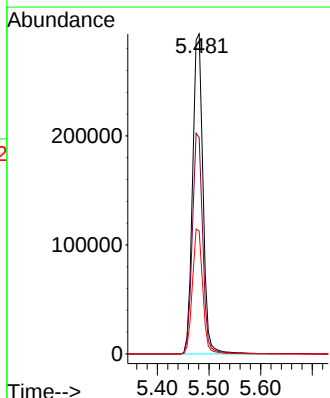
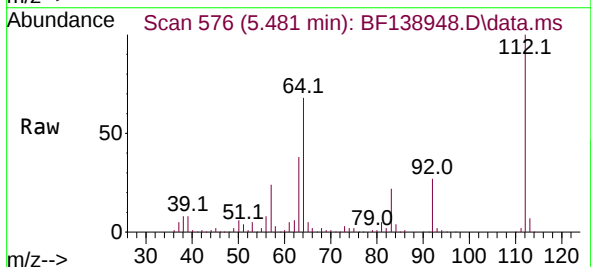
Instrument :
BNA_F
ClientSampleId :
WC-A-05-202408

Tgt Ion:152 Resp: 39258
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 67.9 51.7 77.5



#5
2-Fluorophenol
Concen: 161.492 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

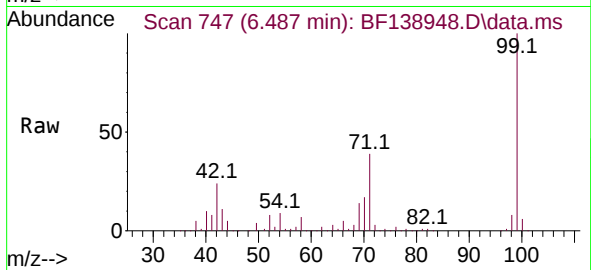
Tgt Ion:112 Resp: 410706
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 38.4 28.7 43.1



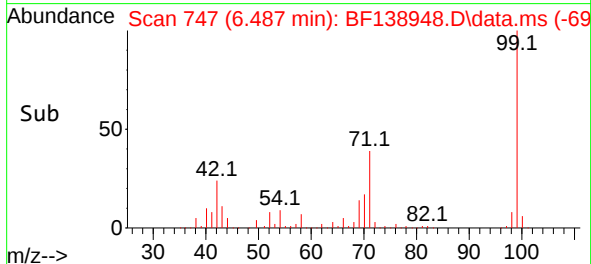
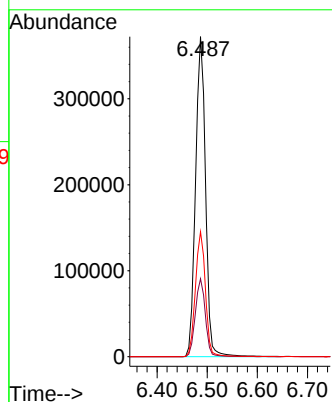


#7
Phenol-d6
Concen: 150.673 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

Instrument :
BNA_F
ClientSampleId :
WC-A-05-202408

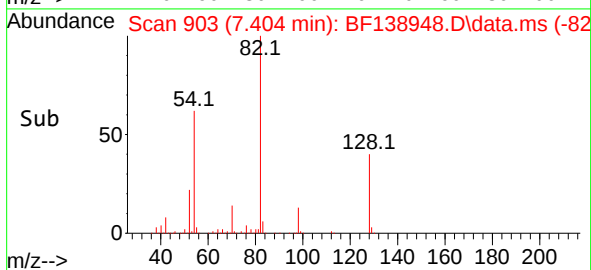
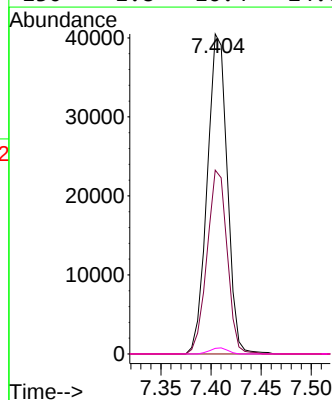
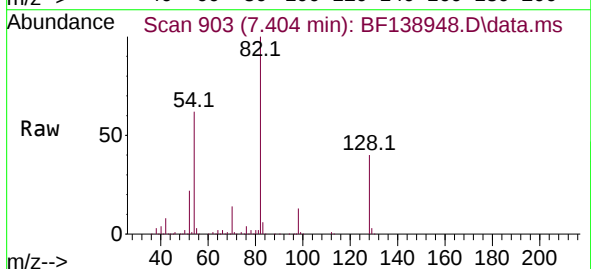


Tgt Ion:	99	Resp:	514473
Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.4	26.0
71	39.1	28.1	42.1



#19
n-Nitroso-di-n-propylamine
Concen: 27.324 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

Tgt Ion:	70	Resp:	56351
Ion	Ratio	Lower	Upper
70	100		
42	57.4	57.4	86.0
101	0.0	7.5	11.3#
130	1.8	16.4	24.6#

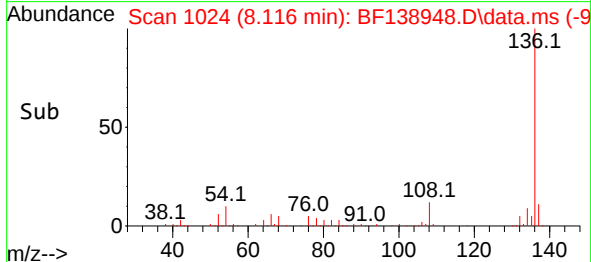
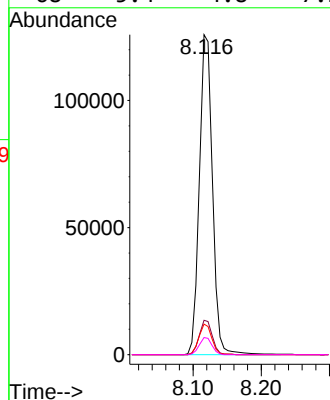
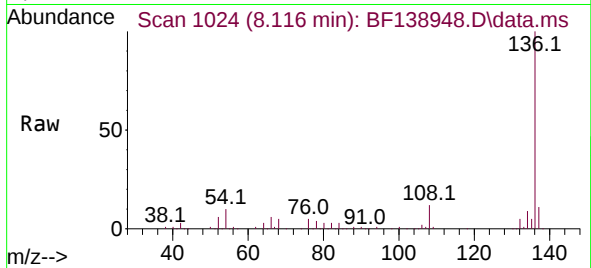




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

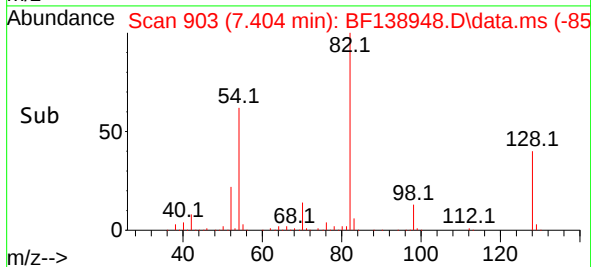
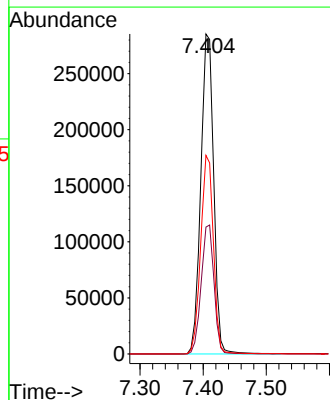
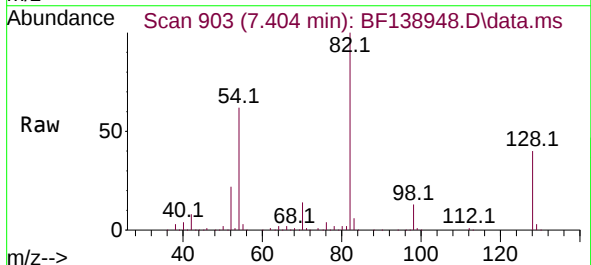
Instrument :
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ClientSampleId :
WC-A-05-202408

Tgt Ion:	136	Resp:	168265
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.6	8.6	12.8
68	5.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 117.302 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

Tgt Ion:	82	Resp:	403709
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.8	49.2
54	62.1	48.3	72.5

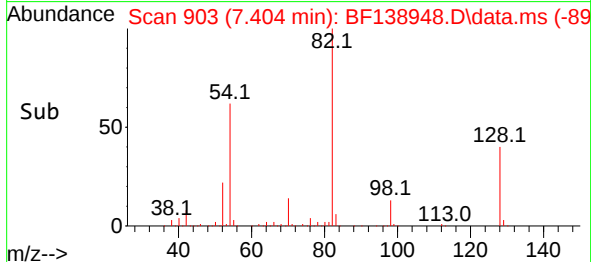
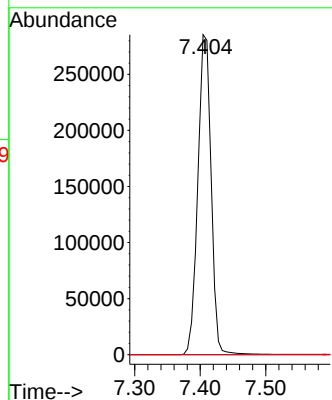
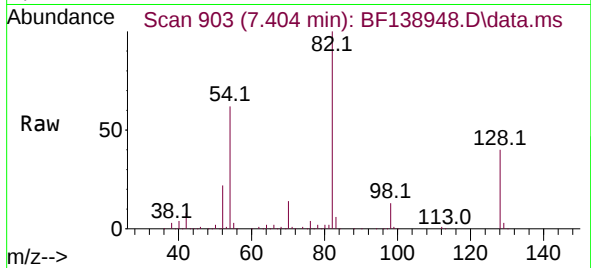




#25
Isophorone
Concen: 68.703 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

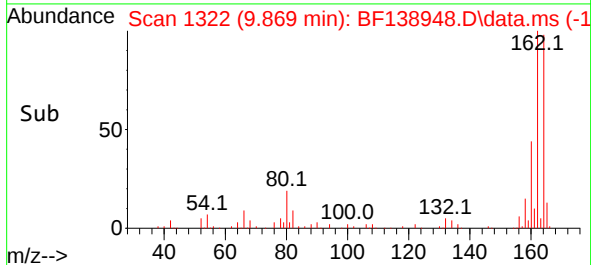
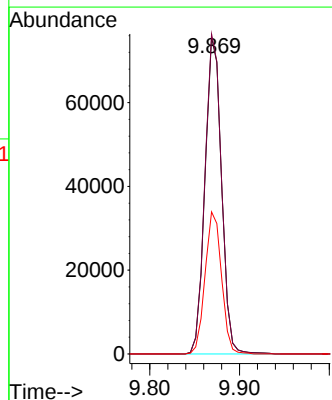
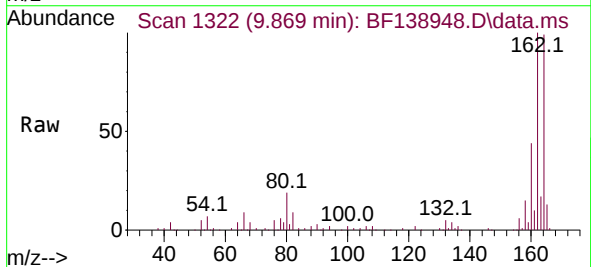
Instrument :
BNA_F
ClientSampleId :
WC-A-05-202408

Tgt Ion: 82 Resp: 403748
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: BF138948.D
Acq: 12 Aug 2024 22:28

Tgt Ion:164 Resp: 96537
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 200.618 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138948.D

Acq: 12 Aug 2024 22:28

Instrument :

BNA_F

ClientSampleId :

WC-A-05-202408

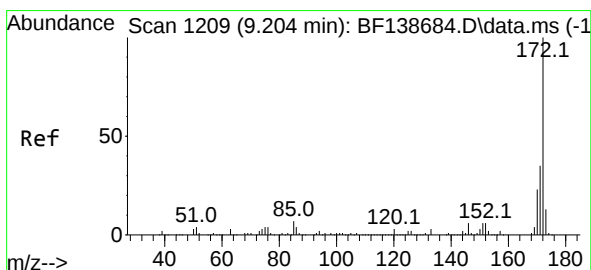
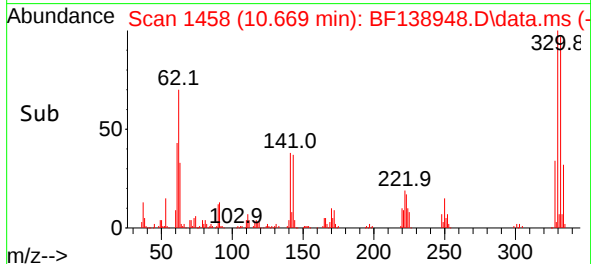
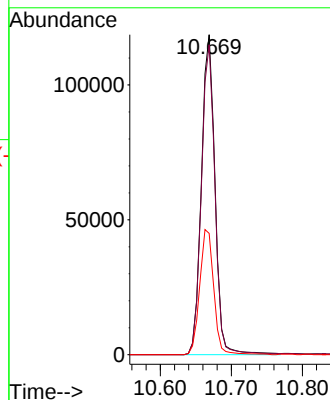
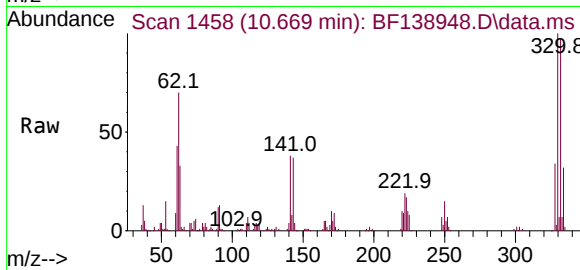
Tgt Ion:330 Resp: 158642

Ion Ratio Lower Upper

330 100

332 97.5 76.4 114.6

141 40.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 118.135 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138948.D

Acq: 12 Aug 2024 22:28

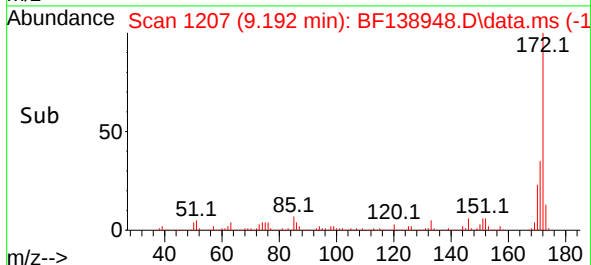
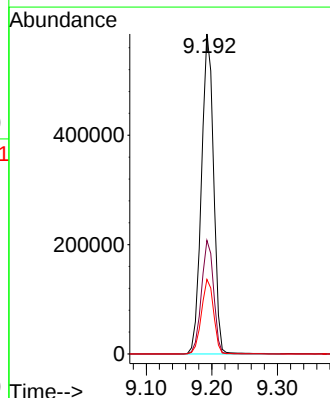
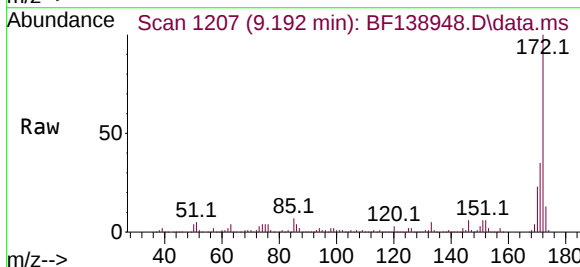
Tgt Ion:172 Resp: 759028

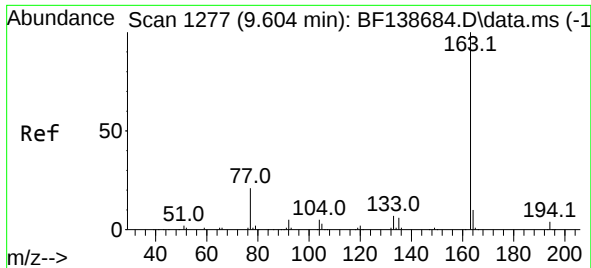
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.8 28.2

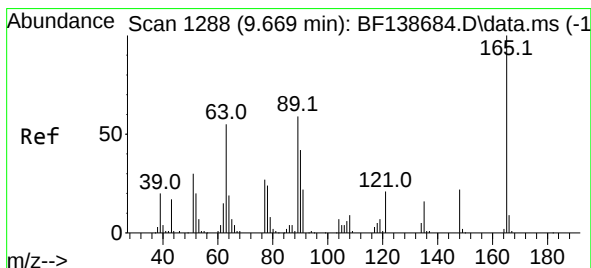
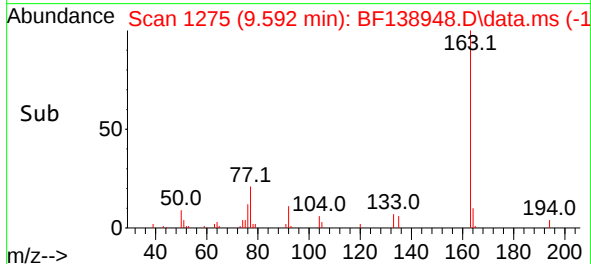
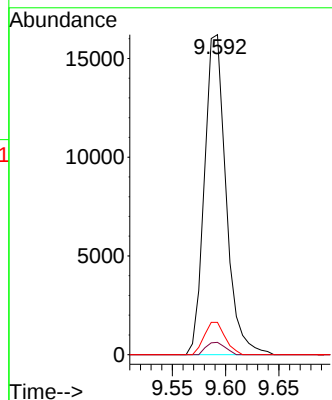
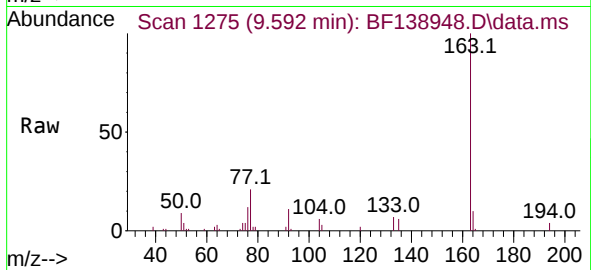




#50
Dimethylphthalate
Concen: 3.716 ng
RT: 9.592 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

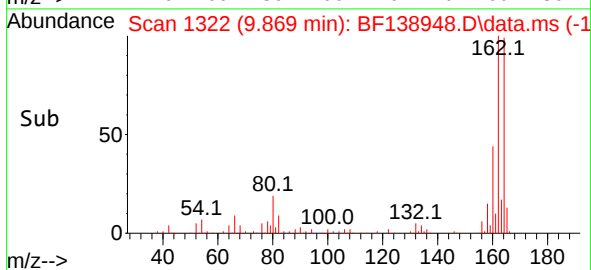
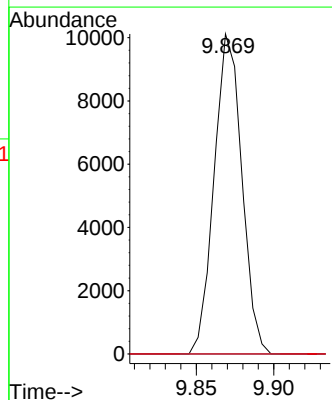
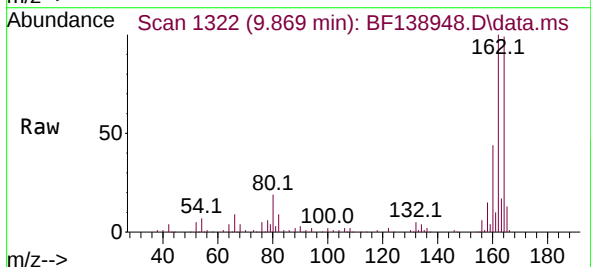
Instrument :
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ClientSampleId :
WC-A-05-202408

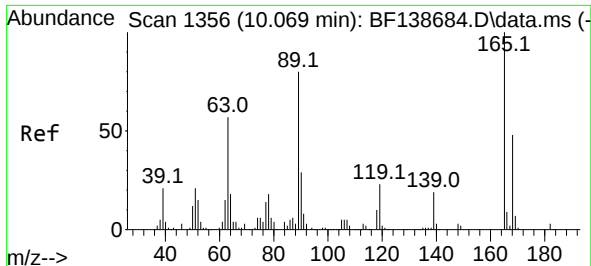
Tgt Ion:163 Resp: 22935
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.021 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

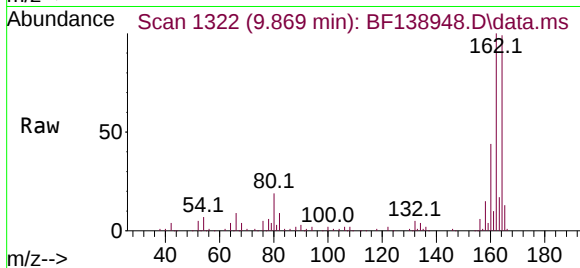
Tgt Ion:165 Resp: 12567
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



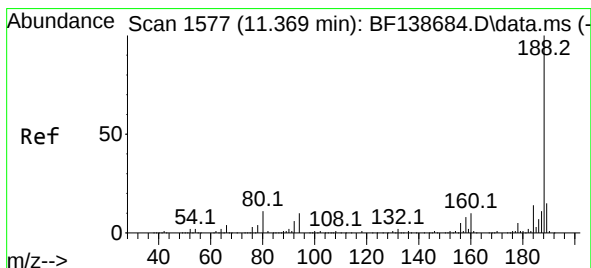
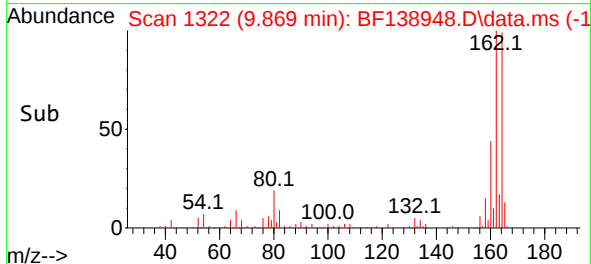
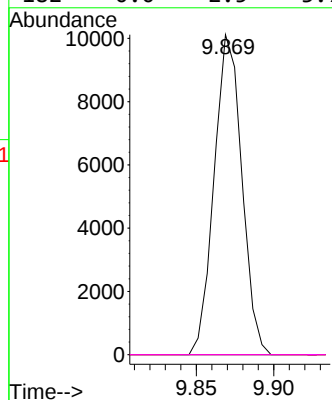


#57
2,4-Dinitrotoluene
Concen: 7.071 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

Instrument :
BNA_F
ClientSampleId :
WC-A-05-202408

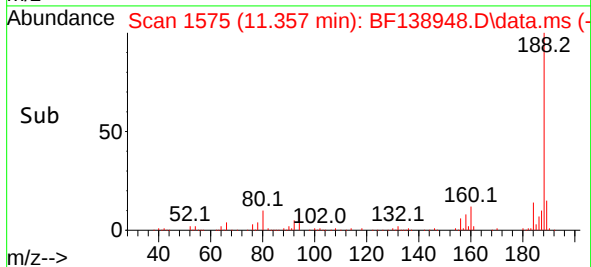
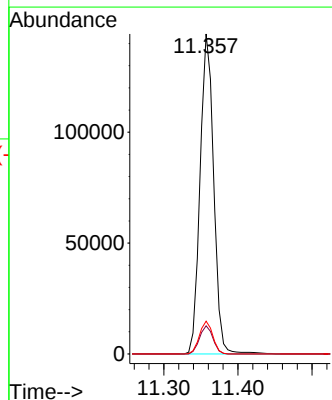
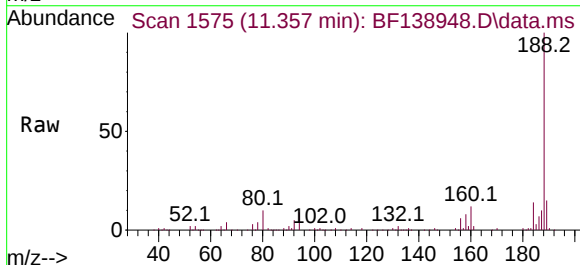


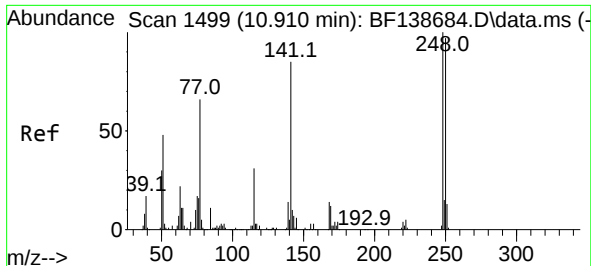
Tgt Ion:165 Resp: 12567
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

Tgt Ion:188 Resp: 184119
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.3 8.6 12.8

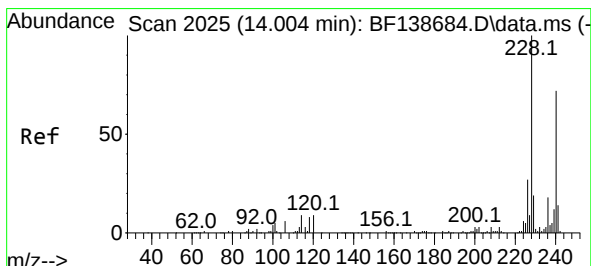
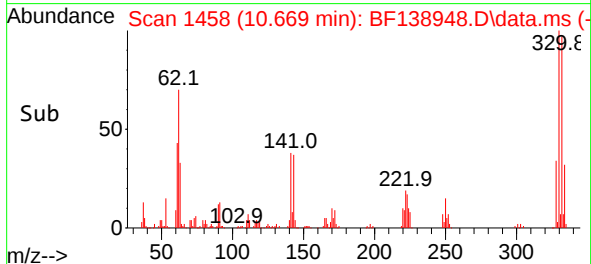
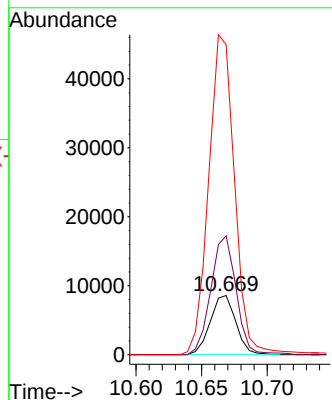
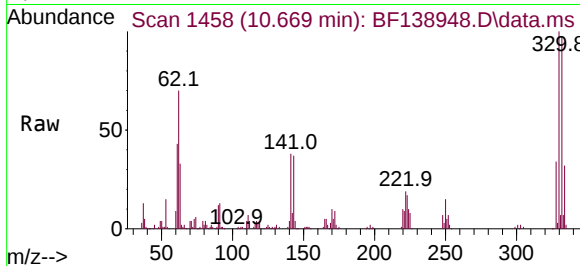




#67
4-Bromophenyl-phenylether
Concen: 5.843 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

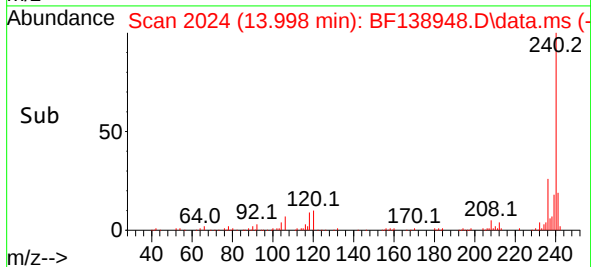
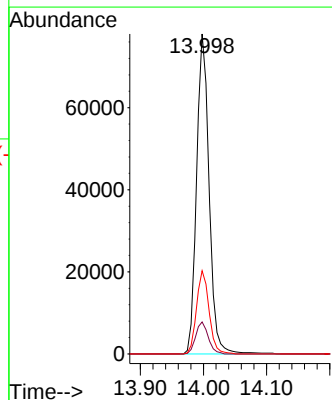
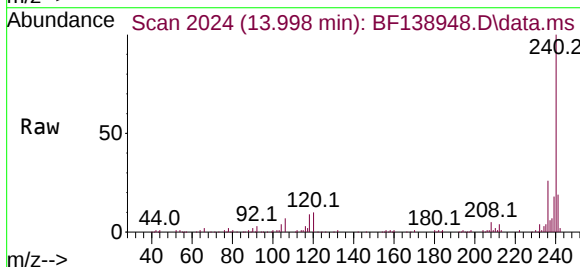
Instrument :
BNA_F
ClientSampleId :
WC-A-05-202408

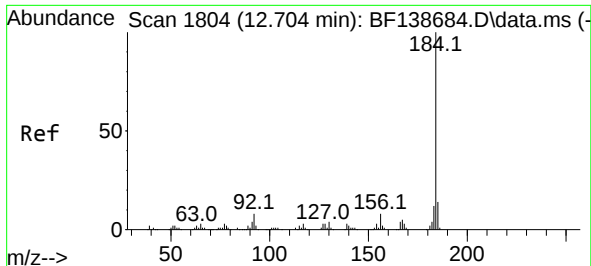
Tgt Ion:248 Resp: 11647
Ion Ratio Lower Upper
248 100
250 200.7 77.7 116.5#
141 523.6 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

Tgt Ion:240 Resp: 107196
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 26.0 19.8 29.8

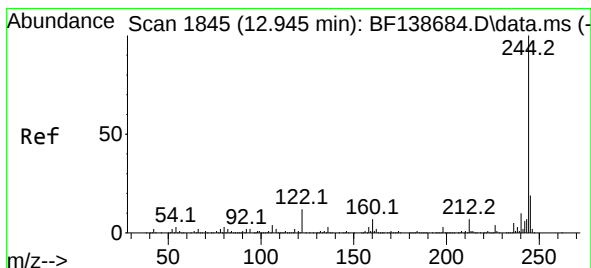
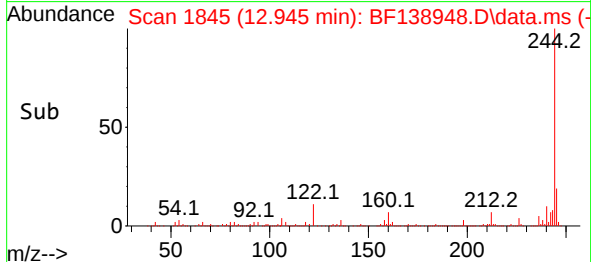
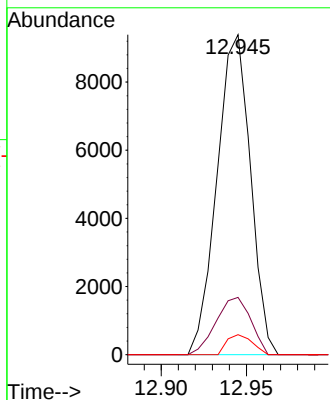
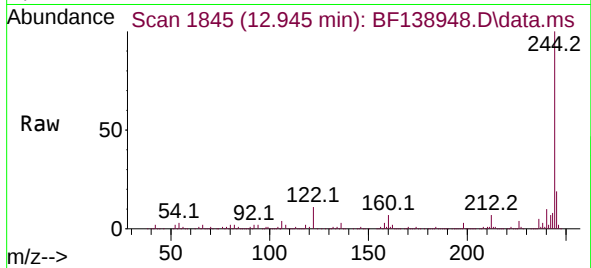




#77
Benzidine
Concen: 5.011 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.241 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

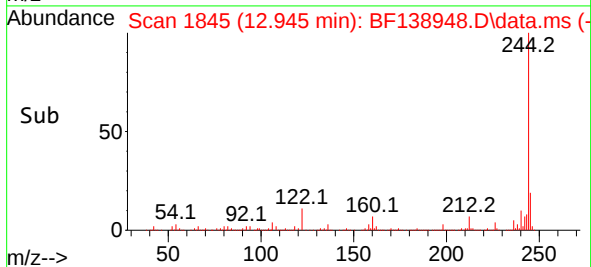
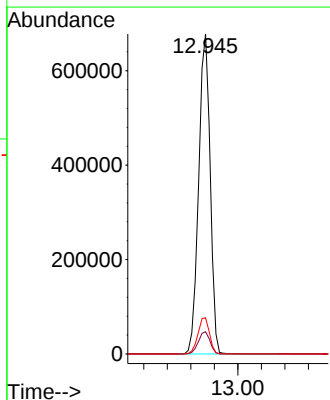
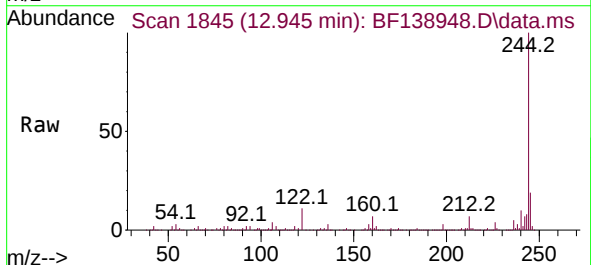
Instrument :
BNA_F
ClientSampleId :
WC-A-05-202408

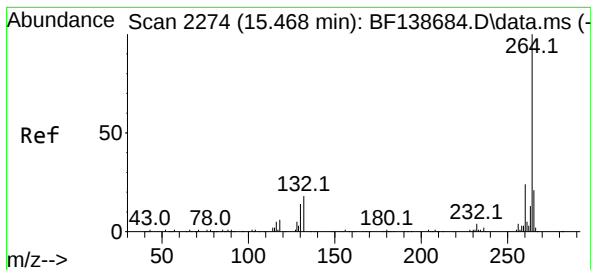
Tgt Ion:184 Resp: 12848
Ion Ratio Lower Upper
184 100
185 17.9 11.1 16.7#
183 6.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 143.447 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138948.D
Acq: 12 Aug 2024 22:28

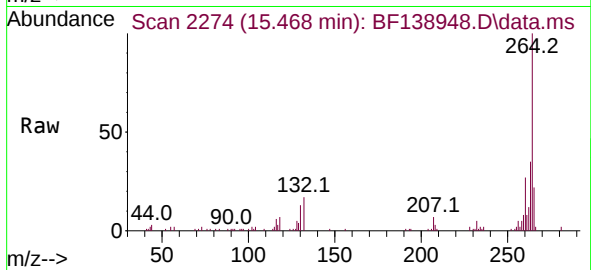
Tgt Ion:244 Resp: 918426
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.3 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138948.D
 Acq: 12 Aug 2024 22:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-05-202408



Tgt Ion:264 Resp: 44584
 Ion Ratio Lower Upper
 264 100
 260 27.1 19.0 28.6
 265 21.9 17.0 25.6

