

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138960.D
 Acq On : 13 Aug 2024 04:26
 Operator : RC/JU
 Sample : P3478-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS06

Quant Time: Aug 13 05:04:10 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)

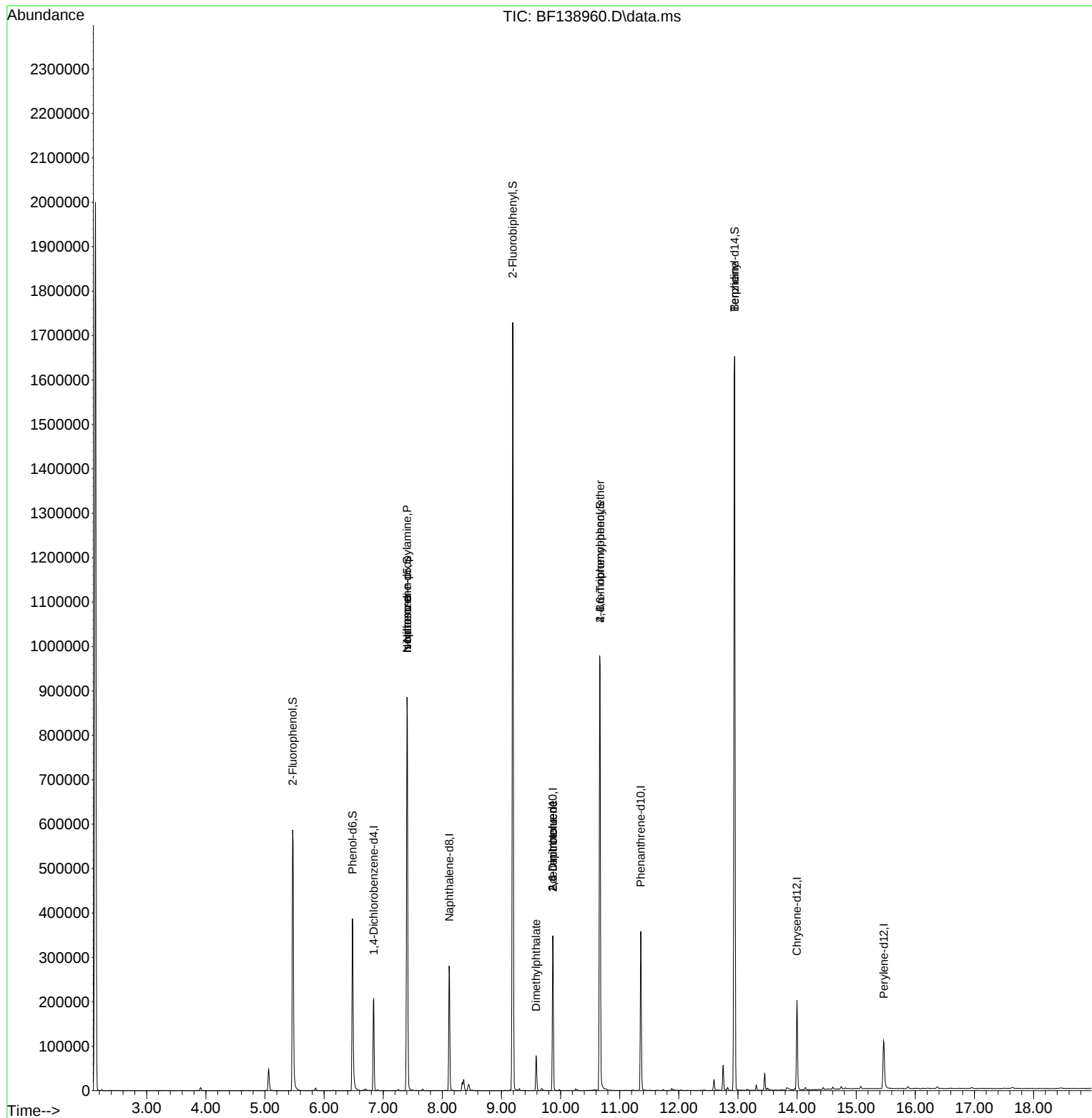
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39920	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169243	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	98510	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	180565	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	96153	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	74528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	206733	79.941	ng	0.00
7) Phenol-d6	6.481	99	171761	49.469	ng	0.00
23) Nitrobenzene-d5	7.404	82	397543	114.843	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	150158	186.086	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	730091	111.355	ng	-0.01
79) Terphenyl-d14	12.945	244	814907	141.896	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	56499	26.942	ng	# 79
25) Isophorone	7.404	82	397540	67.256	ng	# 66
50) Dimethylphthalate	9.586	163	44262	7.027	ng	97
51) 2,6-Dinitrotoluene	9.869	165	13101	9.216	ng	# 20
57) 2,4-Dinitrotoluene	9.869	165	13101	7.224	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	11003	5.628	ng	# 1
77) Benzidine	12.945	184	12031	5.231	ng	# 94

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

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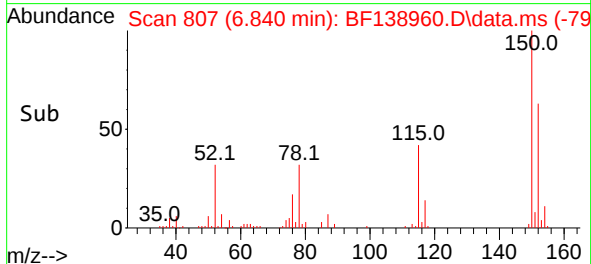
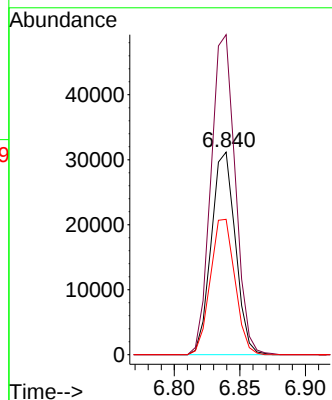
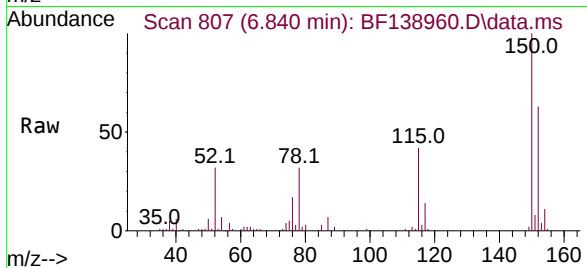




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

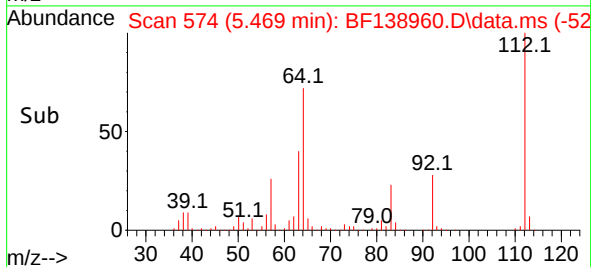
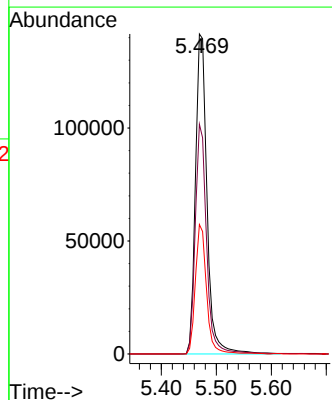
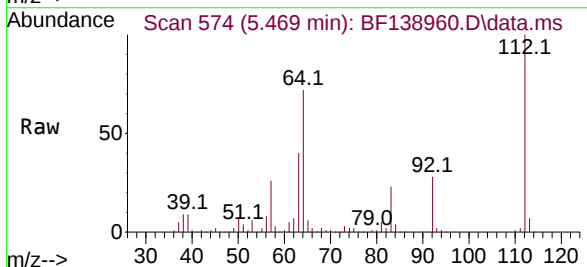
Instrument :
BNA_F
ClientSampleId :
TS06

Tgt Ion:152 Resp: 39920
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 79.941 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion:112 Resp: 206733
Ion Ratio Lower Upper
112 100
64 71.8 54.2 81.4
63 40.4 28.7 43.1

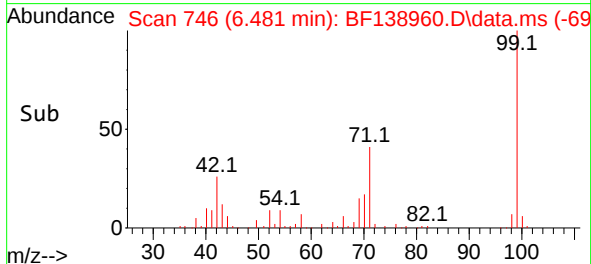
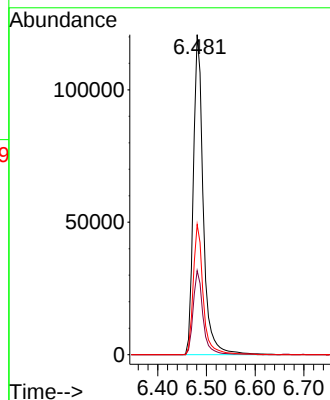
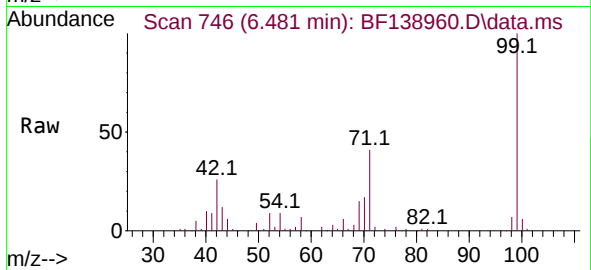




#7
Phenol-d6
Concen: 49.469 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

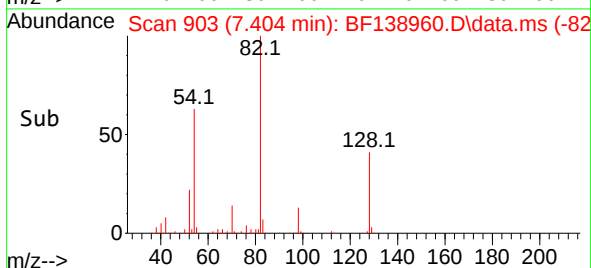
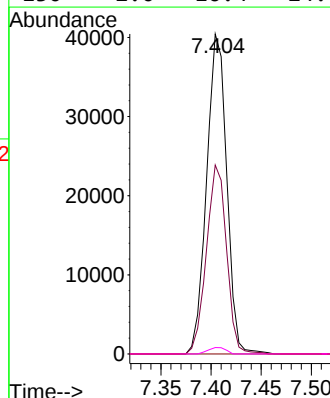
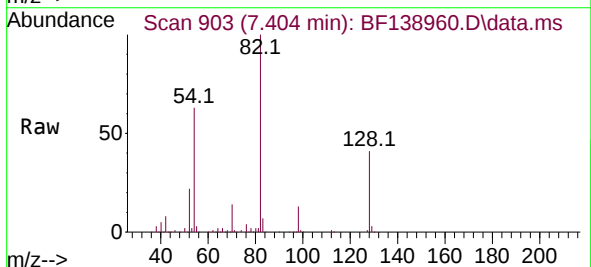
Instrument :
BNA_F
ClientSampleId :
TS06

Tgt Ion: 99 Resp: 171761
Ion Ratio Lower Upper
99 100
42 26.2 17.4 26.0#
71 40.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 26.942 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion: 70 Resp: 56499
Ion Ratio Lower Upper
70 100
42 59.0 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#



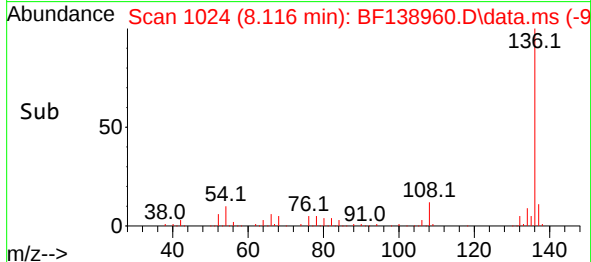
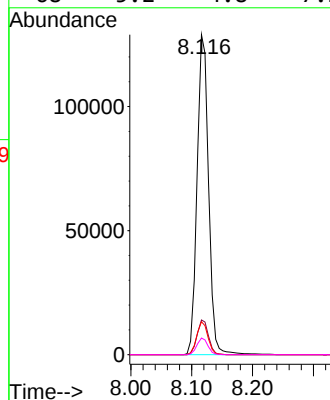
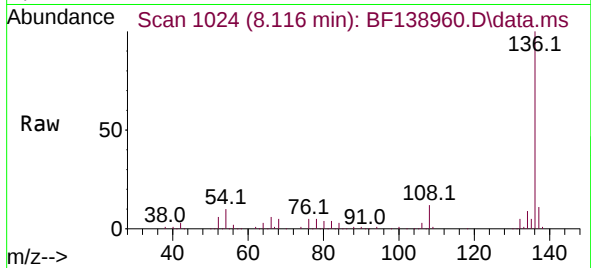


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Instrument :
BNA_F
ClientSampleId :
TS06

Tgt Ion:136 Resp: 169243

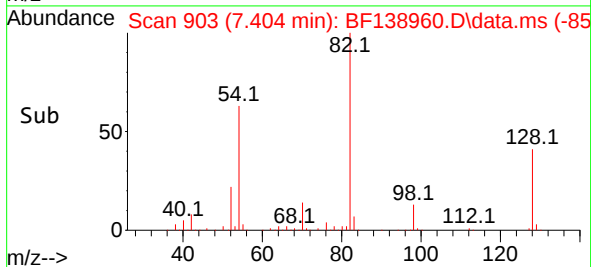
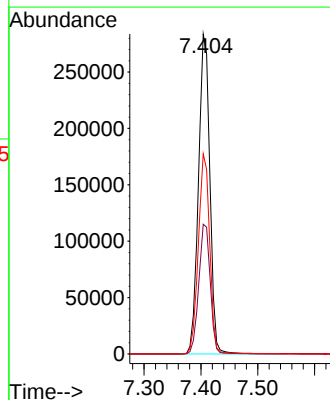
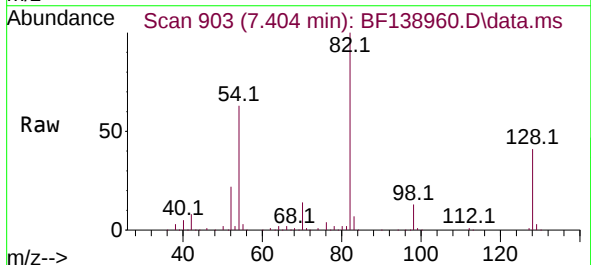
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 114.843 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion: 82 Resp: 397543

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	62.5	48.3	72.5

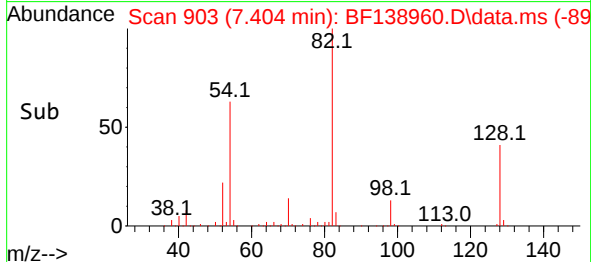
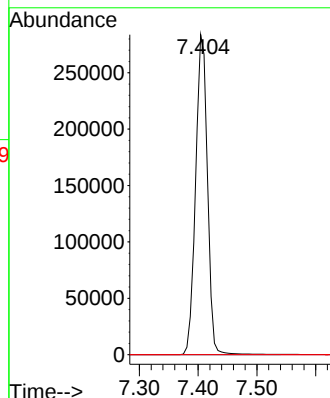
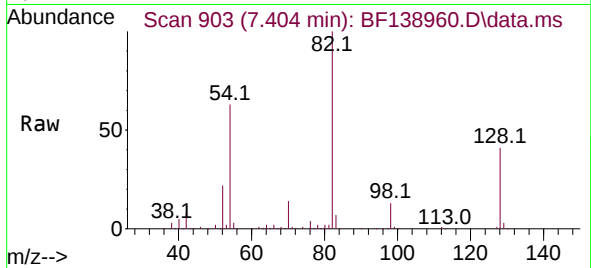




#25
Isophorone
Concen: 67.256 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

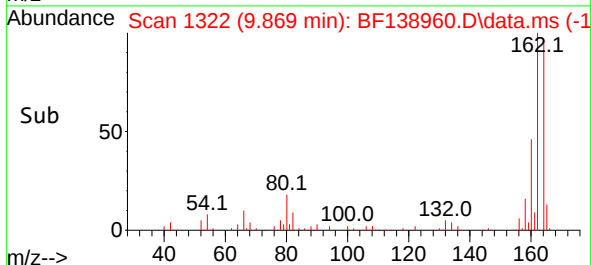
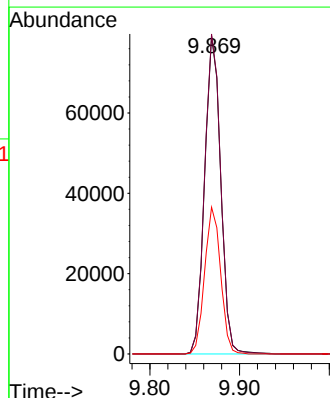
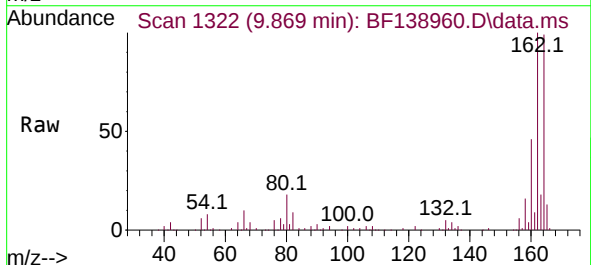
Instrument :
BNA_F
ClientSampleId :
TS06

Tgt Ion: 82 Resp: 397540
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: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion:164 Resp: 98510
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 46.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 186.086 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138960.D

Acq: 13 Aug 2024 04:26

Instrument :

BNA_F

ClientSampleId :

TS06

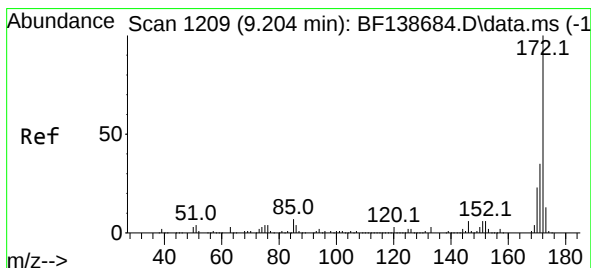
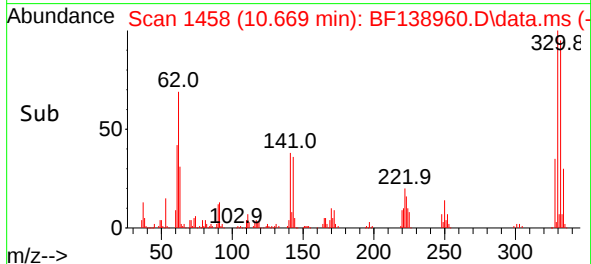
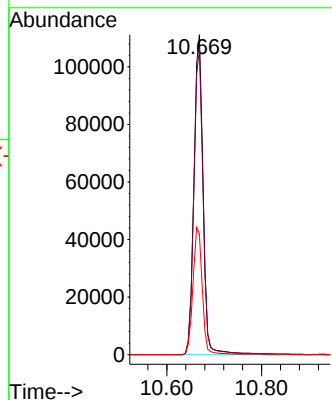
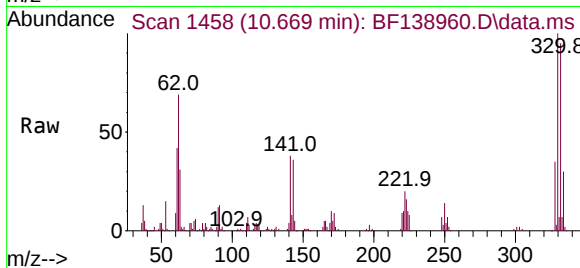
Tgt Ion:330 Resp: 150158

Ion Ratio Lower Upper

330 100

332 95.0 76.4 114.6

141 40.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 111.355 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138960.D

Acq: 13 Aug 2024 04:26

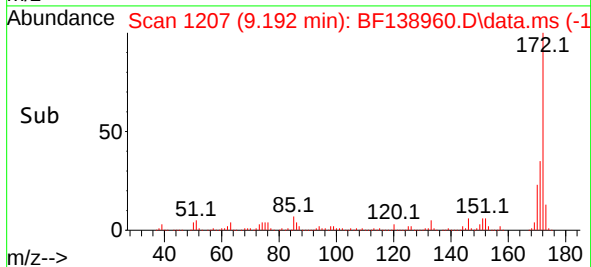
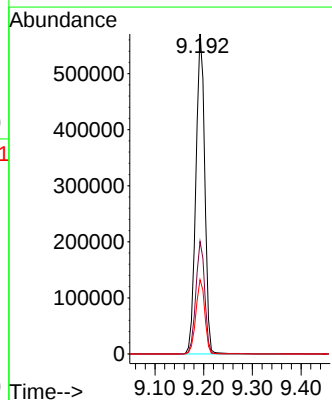
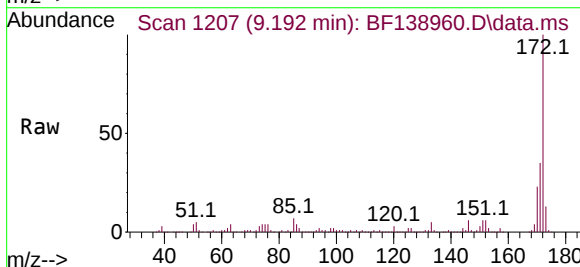
Tgt Ion:172 Resp: 730091

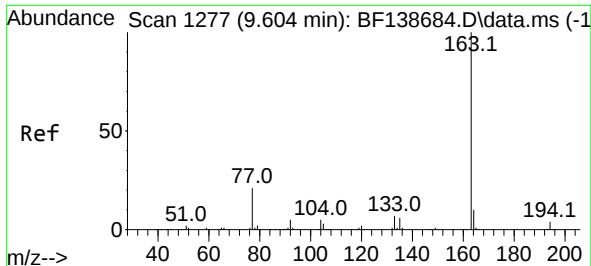
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.2 18.8 28.2

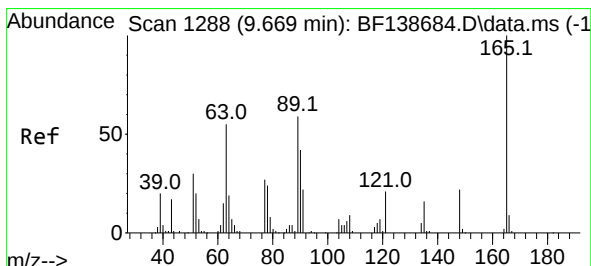
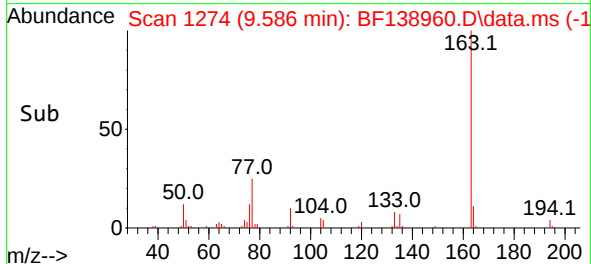
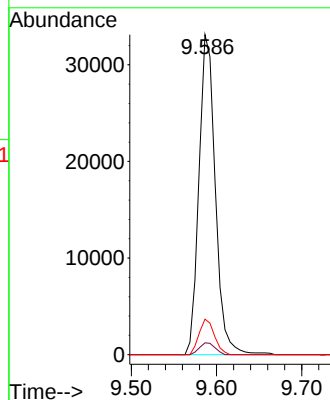
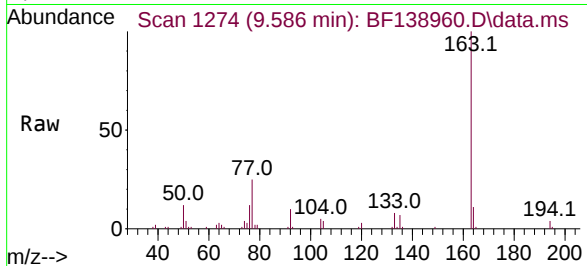




#50
Dimethylphthalate
Concen: 7.027 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

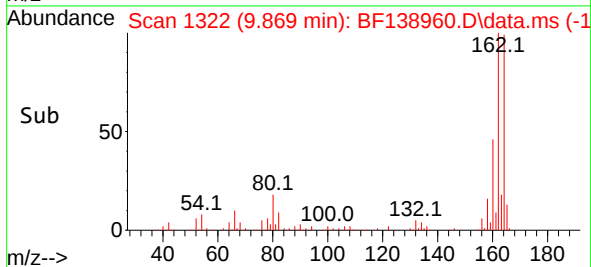
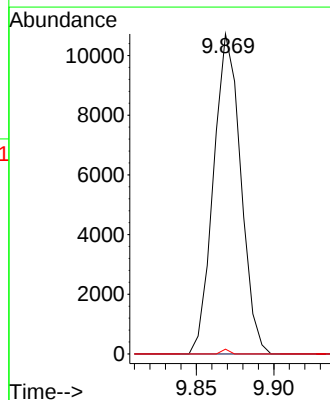
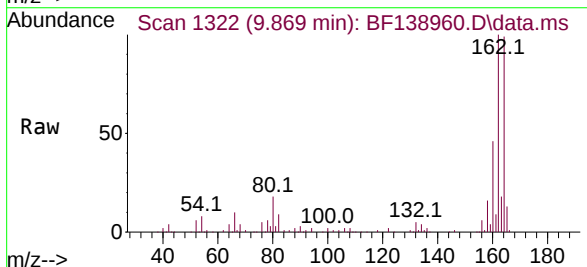
Instrument :
BNA_F
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TS06

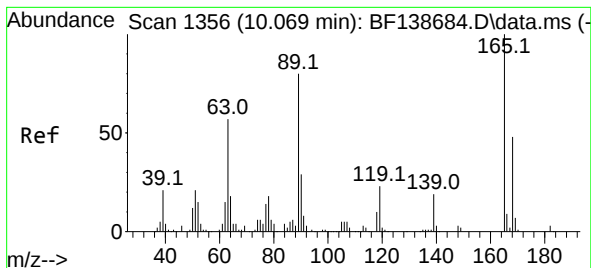
Tgt Ion:163 Resp: 44262
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 11.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.216 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion:165 Resp: 13101
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.5 47.0 70.6#

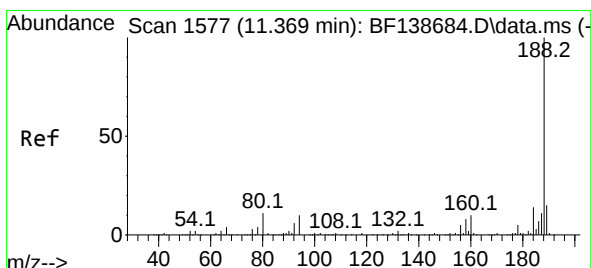
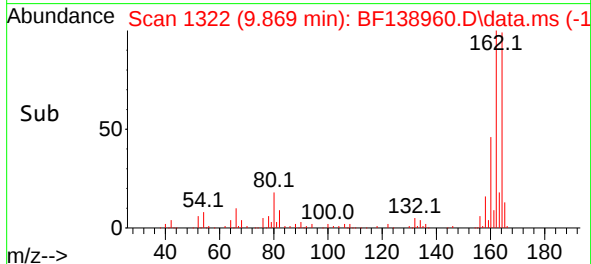
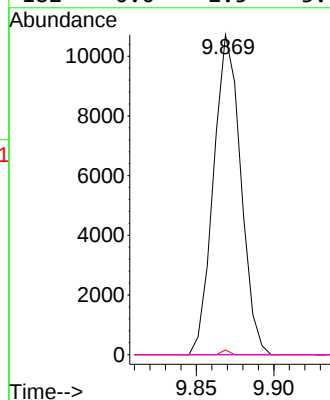
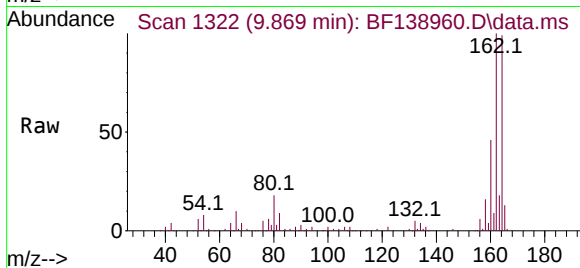




#57
2,4-Dinitrotoluene
Concen: 7.224 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

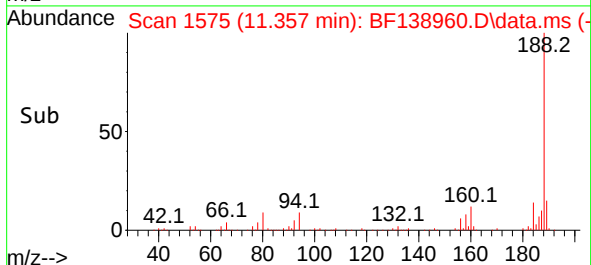
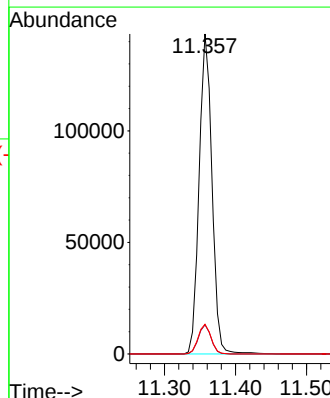
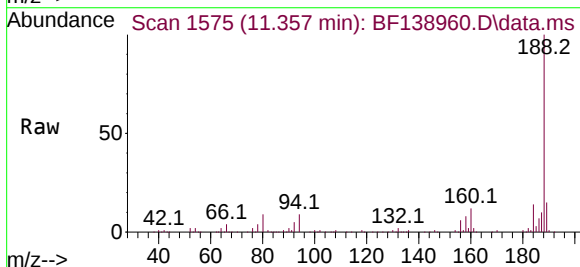
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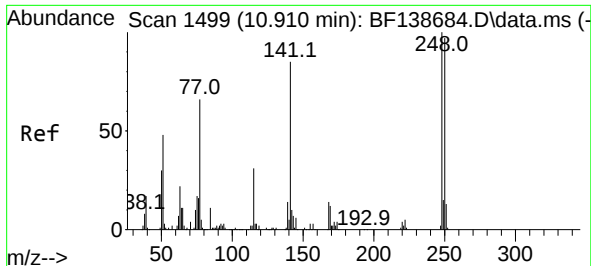
Tgt Ion:165 Resp: 13101
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.5 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion:188 Resp: 180565
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.3 8.6 12.8

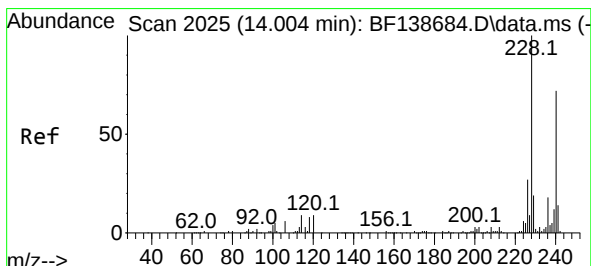
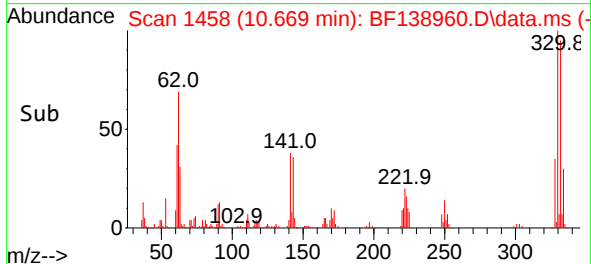
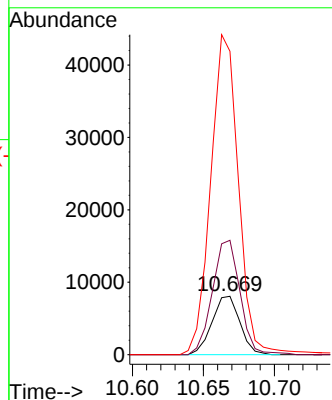
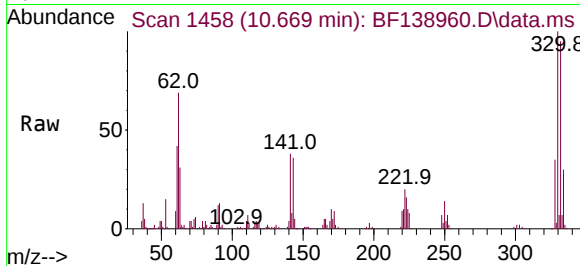




#67
4-Bromophenyl-phenylether
Concen: 5.628 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

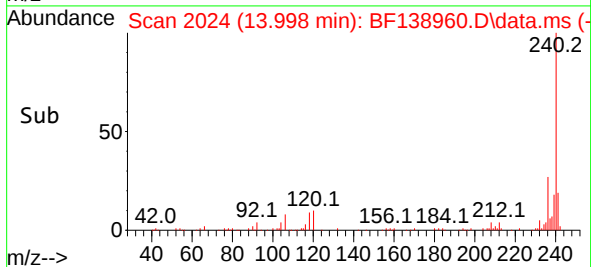
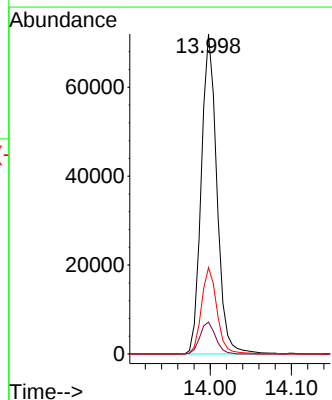
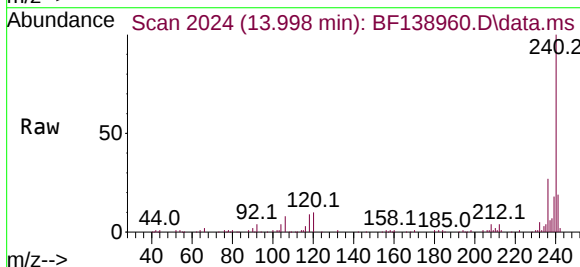
Instrument :
BNA_F
ClientSampleId :
TS06

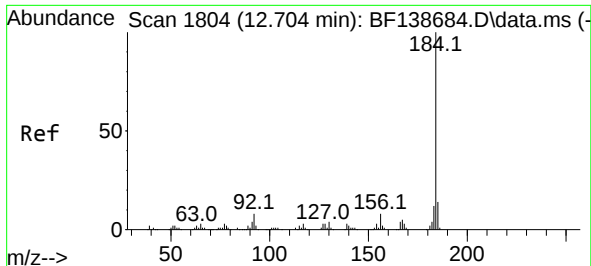
Tgt Ion:248 Resp: 11003
Ion Ratio Lower Upper
248 100
250 196.0 77.7 116.5#
141 519.7 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion:240 Resp: 96153
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 27.0 19.8 29.8

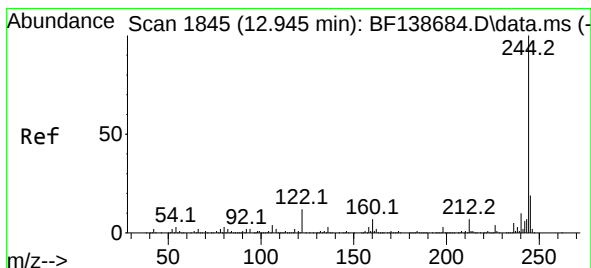
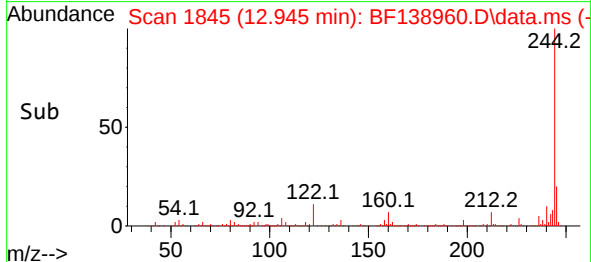
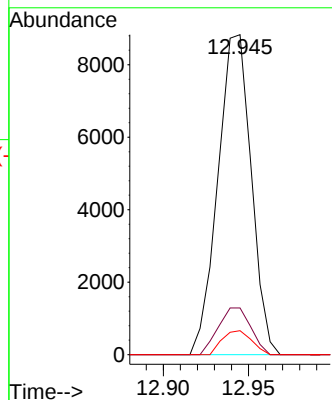
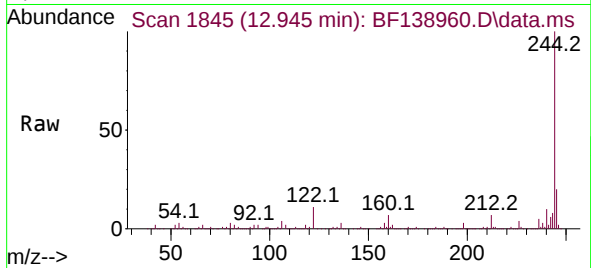




#77
Benzidine
Concen: 5.231 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.241 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

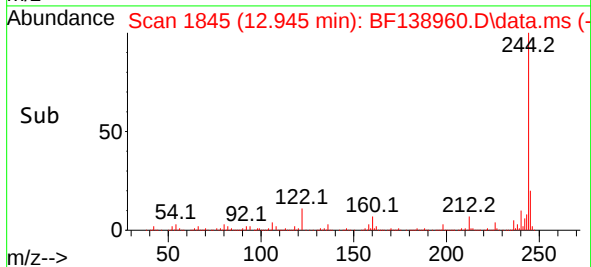
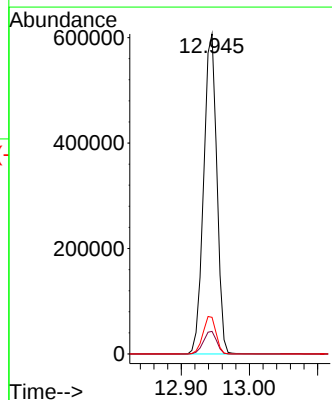
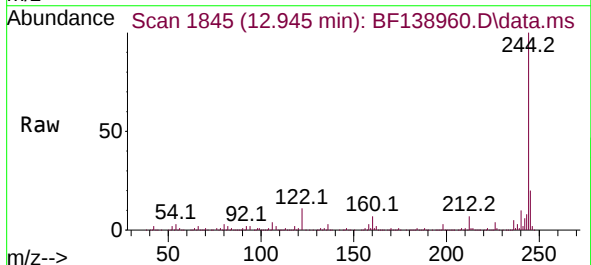
Instrument :
BNA_F
ClientSampleId :
TS06

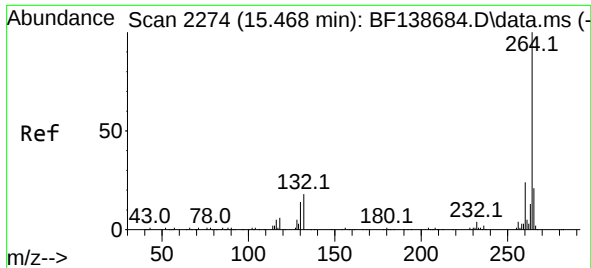
Tgt Ion:184 Resp: 12031
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 7.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 141.896 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

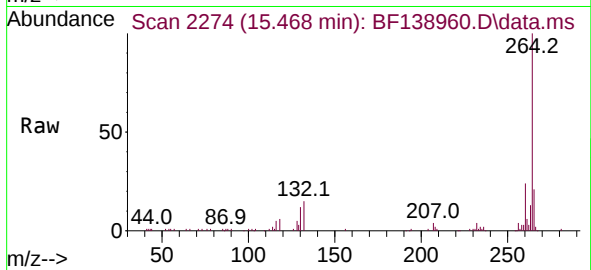
Tgt Ion:244 Resp: 814907
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.5 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Instrument :
BNA_F
ClientSampleId :
TS06



Tgt Ion:264	Resp:	74528
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.0 28.6
265	21.4	17.0 25.6

