

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138892.D
 Acq On : 09 Aug 2024 17:04
 Operator : RC/JU
 Sample : P3460-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Aug 09 17:44:24 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)

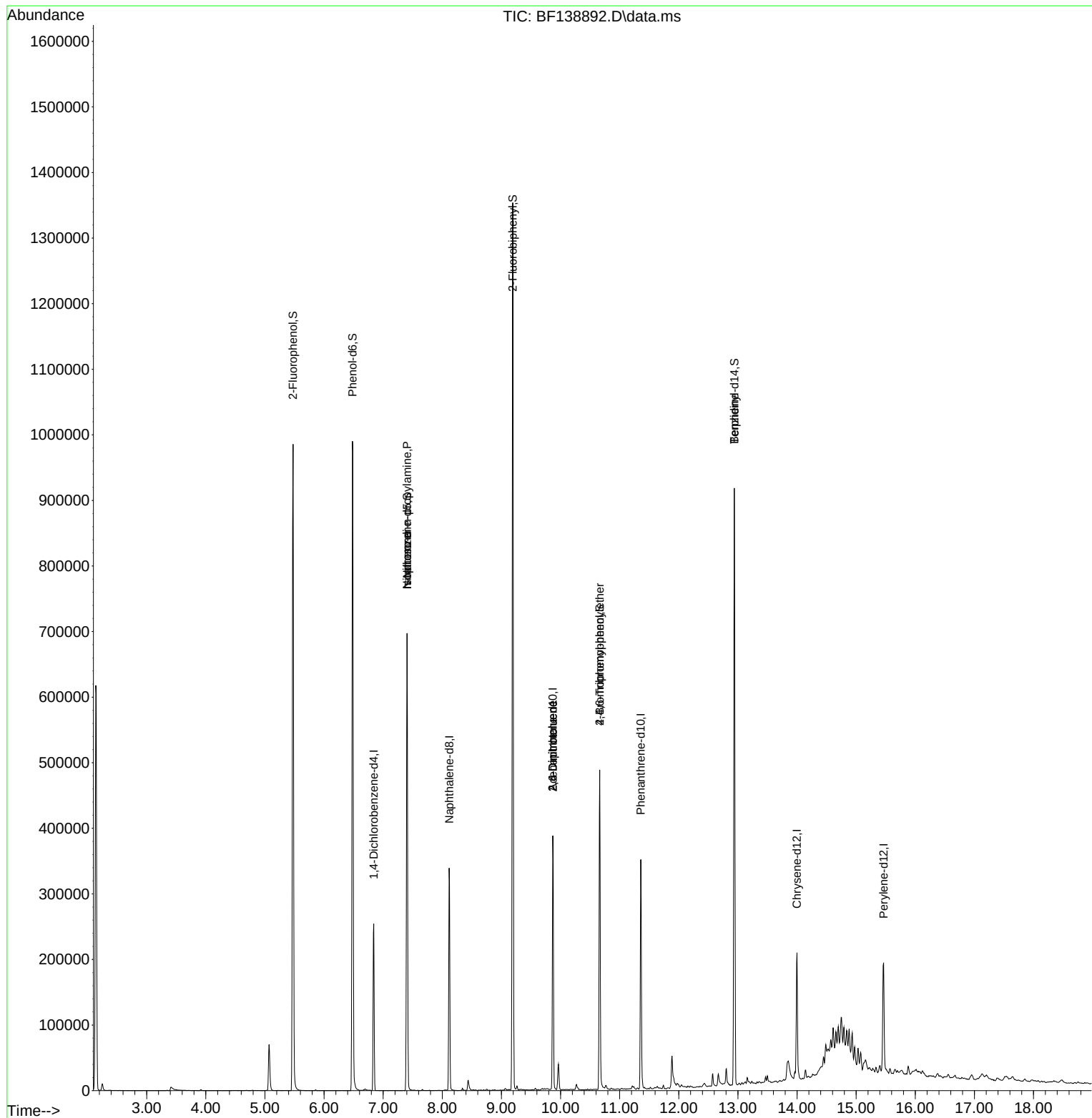
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	49218	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	204333	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	110621	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	170523	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	84322	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	90882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	328595	103.059	ng	0.00
7) Phenol-d6	6.481	99	440920	103.000	ng	0.00
23) Nitrobenzene-d5	7.404	82	296784	71.012	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	69063	76.217	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	561766	76.301	ng	-0.01
79) Terphenyl-d14	12.939	244	417120	82.822	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	41361	15.997	ng	# 78
25) Isophorone	7.404	82	296781	41.587	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	14070	8.814	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	14070	6.908	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	5168	2.799	ng	# 1
77) Benzidine	12.939	184	6230	3.089	ng	# 90

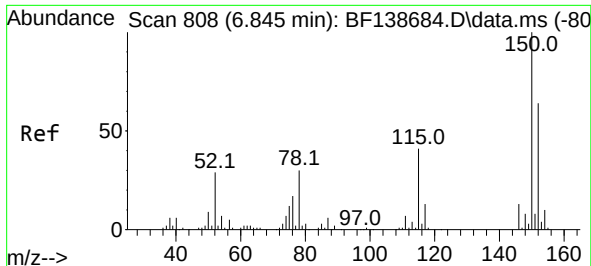
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
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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

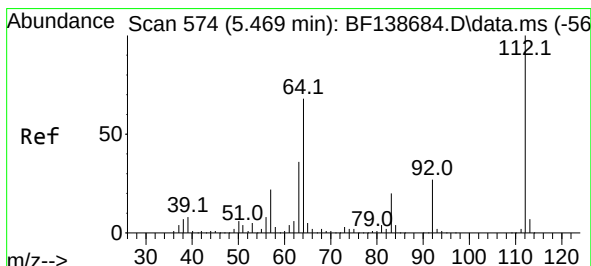
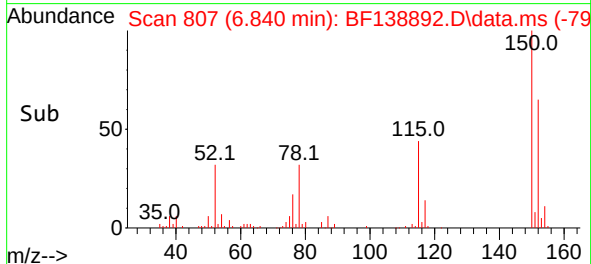
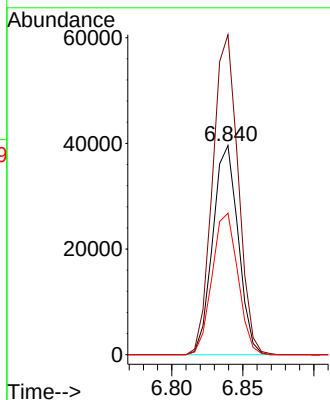
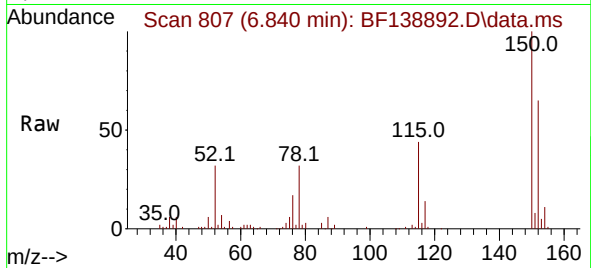




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

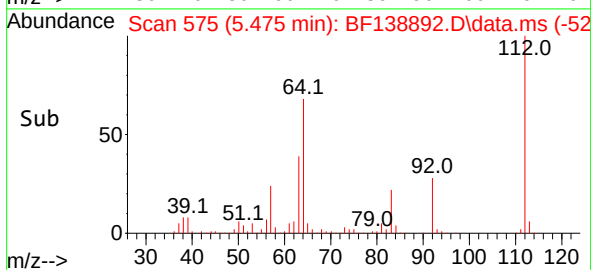
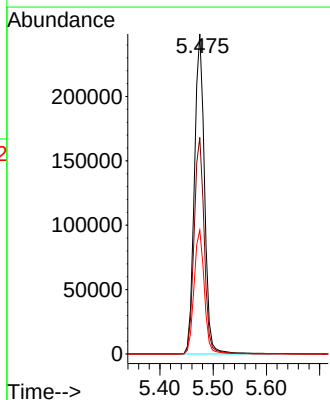
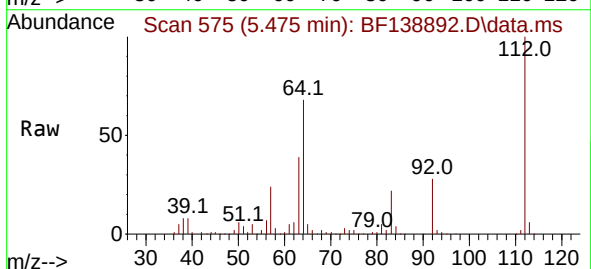
Instrument :
BNA_F
ClientSampleId :
72-11929

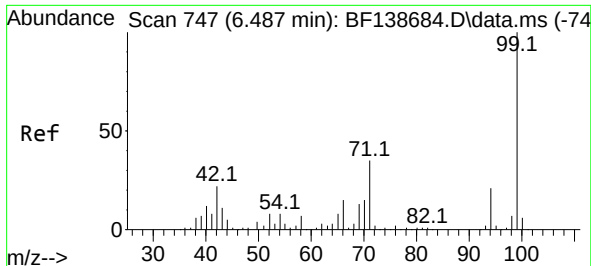
Tgt Ion:152 Resp: 49218
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 67.7 51.7 77.5



#5
2-Fluorophenol
Concen: 103.059 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

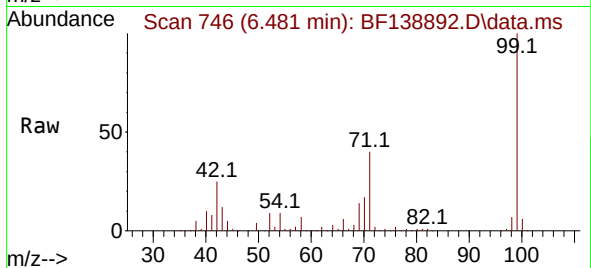
Tgt Ion:112 Resp: 328595
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 38.7 28.7 43.1



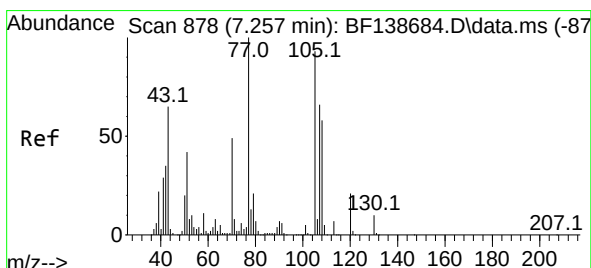
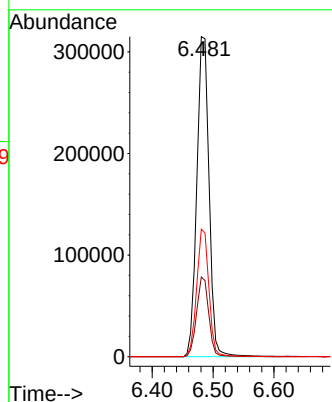
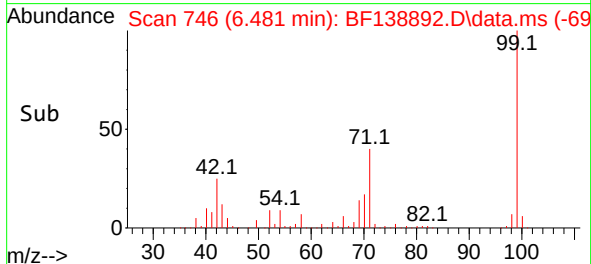


#7
Phenol-d6
Concen: 103.000 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

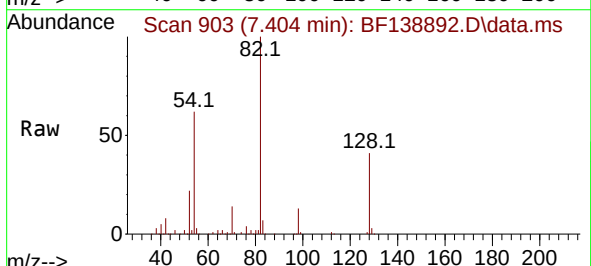
Instrument :
BNA_F
ClientSampleId :
72-11929



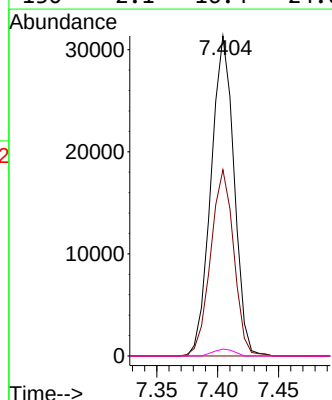
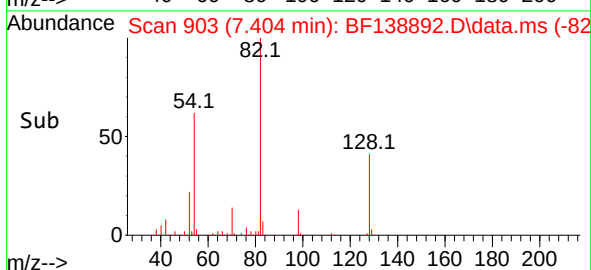
Tgt Ion: 99 Resp: 440920
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 39.8 28.1 42.1

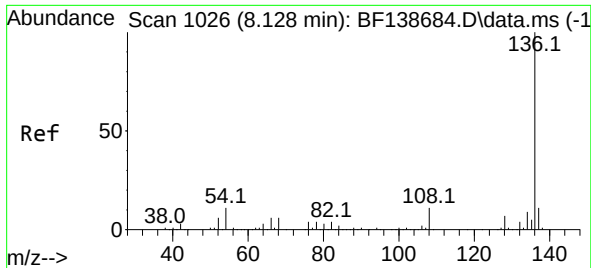


#19
n-Nitroso-di-n-propylamine
Concen: 15.997 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04



Tgt Ion: 70 Resp: 41361
Ion Ratio Lower Upper
70 100
42 58.2 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

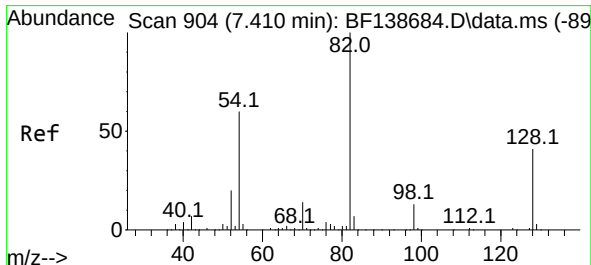
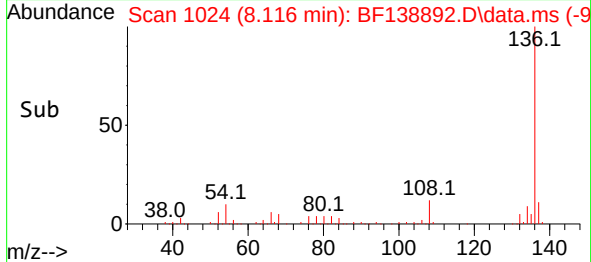
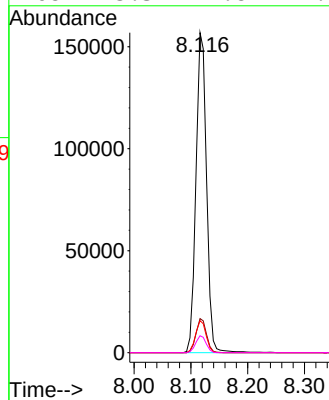
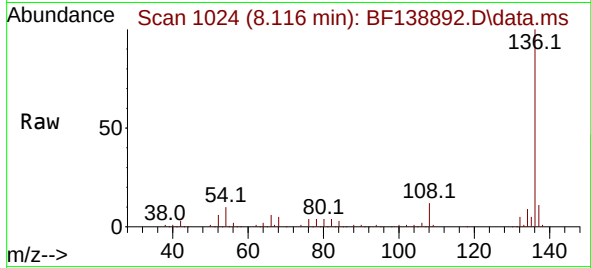




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

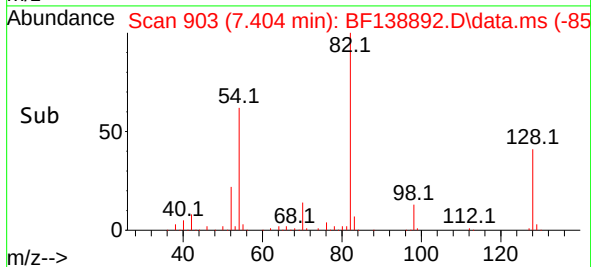
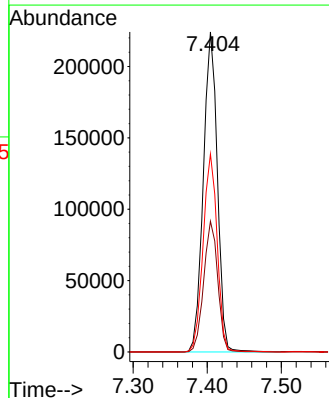
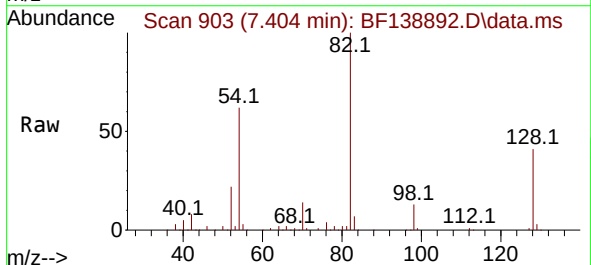
Instrument :
BNA_F
ClientSampleId :
72-11929

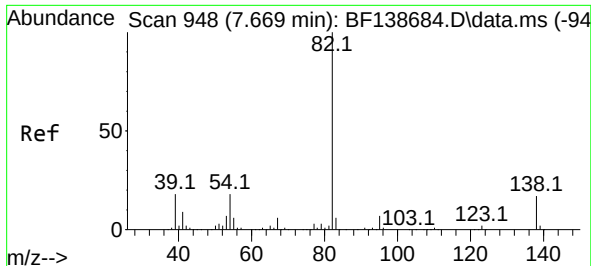
Tgt Ion:136	Resp: 204333
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 10.0	8.6 12.8
68 5.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 71.012 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

Tgt Ion: 82	Resp: 296784
Ion Ratio	Lower Upper
82 100	
128 40.9	32.8 49.2
54 61.9	48.3 72.5

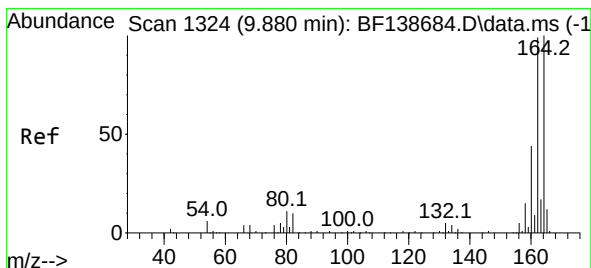
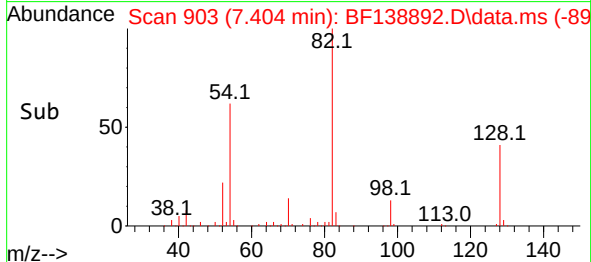
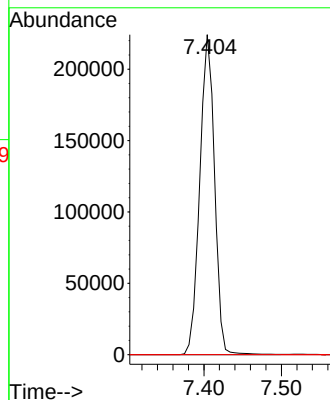
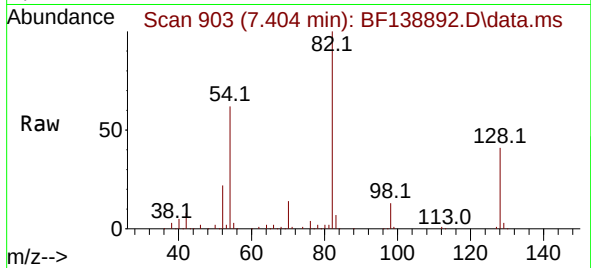




#25
Isophorone
Concen: 41.587 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

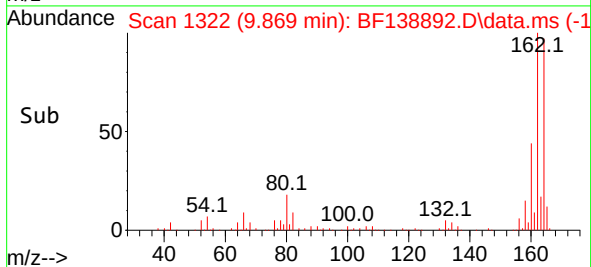
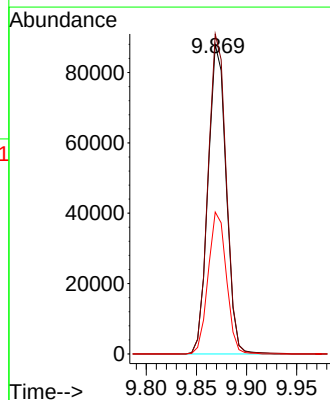
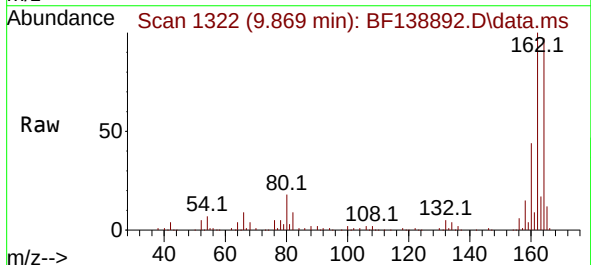
Instrument :
BNA_F
ClientSampleId :
72-11929

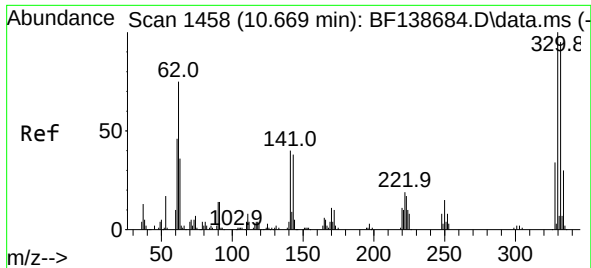
Tgt Ion: 82 Resp: 296781
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

Tgt Ion:164 Resp: 110621
Ion Ratio Lower Upper
164 100
162 103.4 79.4 119.0
160 45.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 76.217 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138892.D

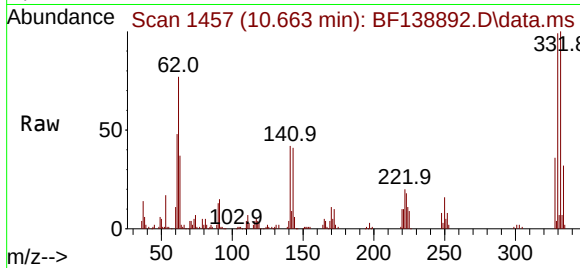
Acq: 09 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

72-11929



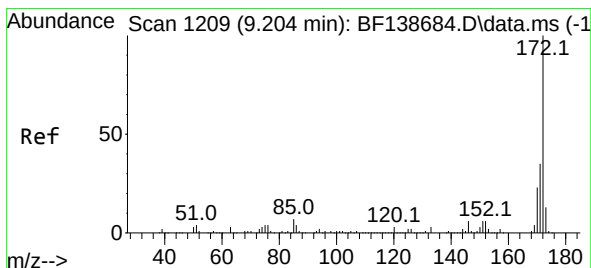
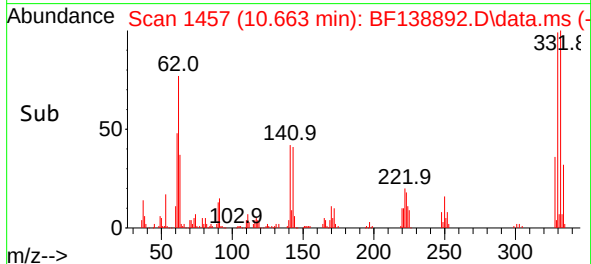
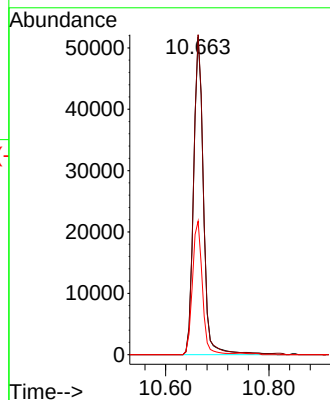
Tgt Ion:330 Resp: 69063

Ion Ratio Lower Upper

330 100

332 99.5 76.4 114.6

141 41.9 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 76.301 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

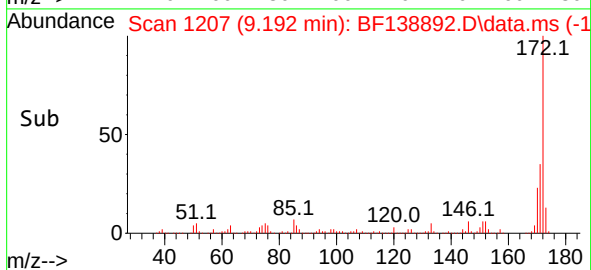
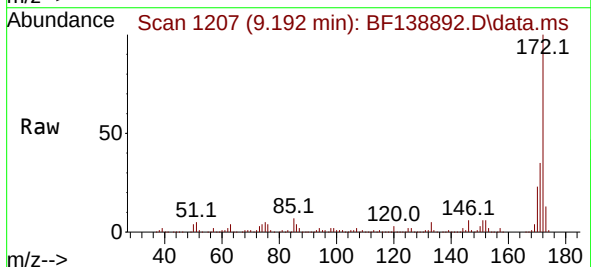
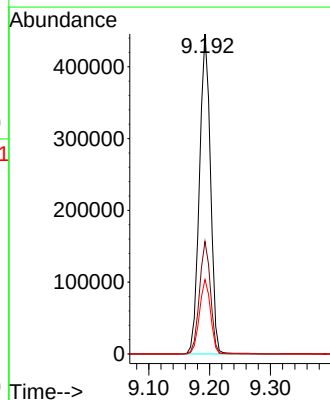
Tgt Ion:172 Resp: 561766

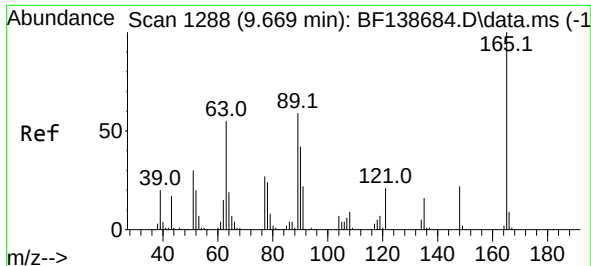
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.814 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

72-11929

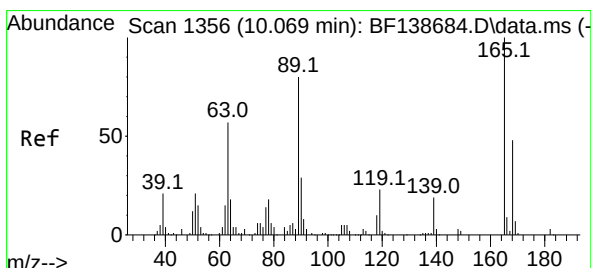
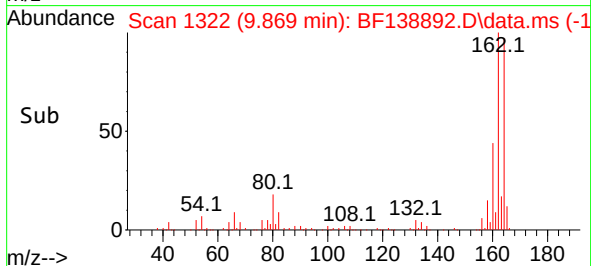
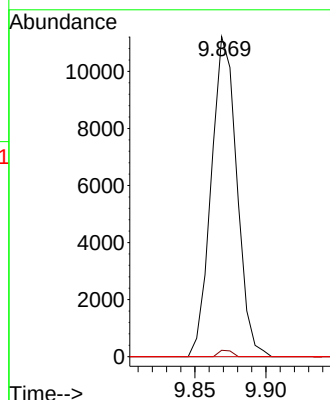
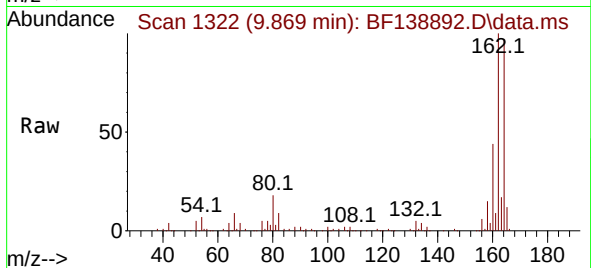
Tgt Ion:165 Resp: 14070

Ion Ratio Lower Upper

165 100

63 2.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.908 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

Tgt Ion:165 Resp: 14070

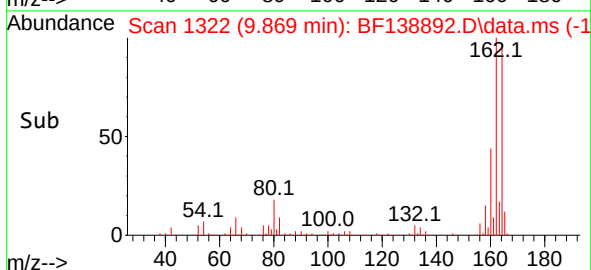
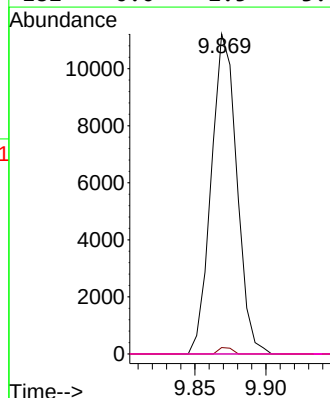
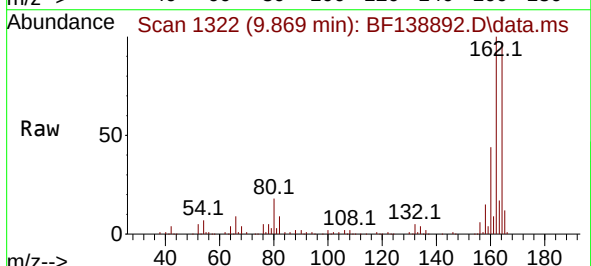
Ion Ratio Lower Upper

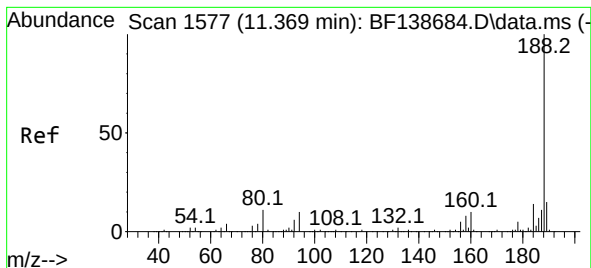
165 100

63 2.0 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# 11

Delta R.T. -0.012 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

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72-11929

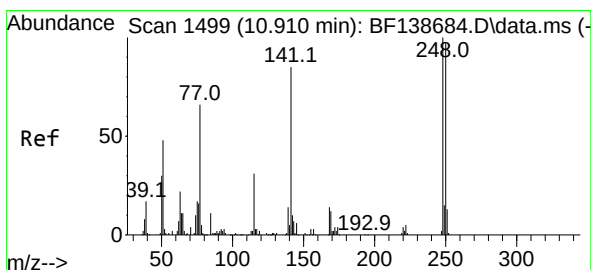
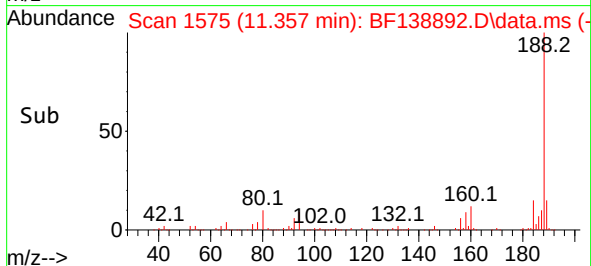
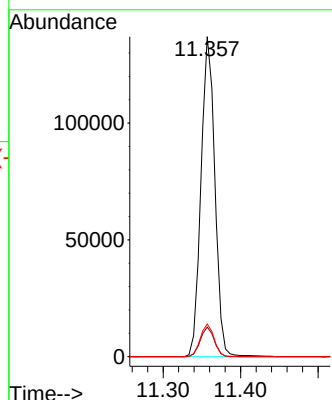
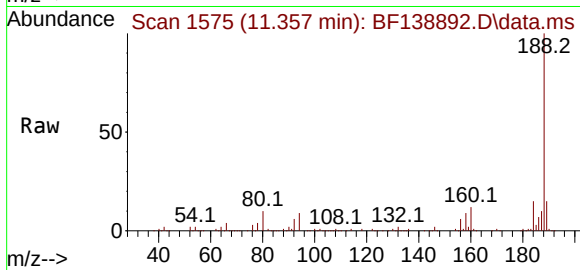
Tgt Ion:188 Resp: 170523

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.799 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

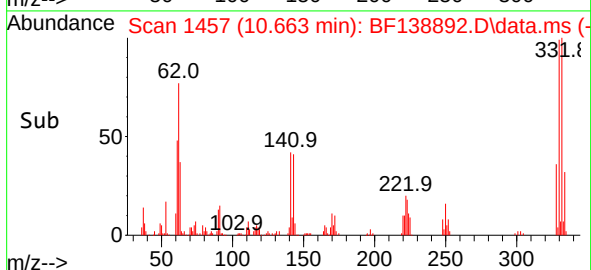
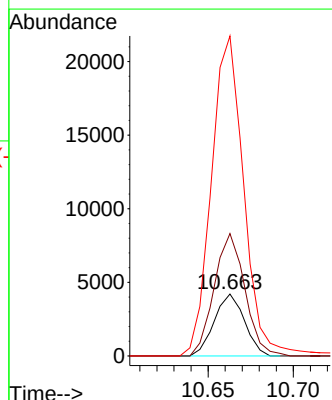
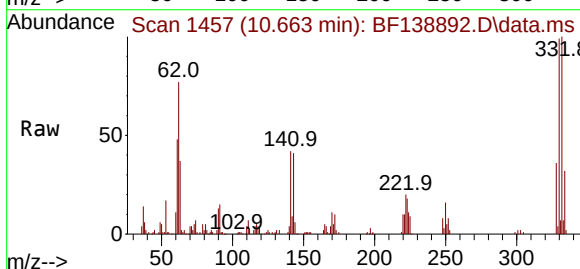
Tgt Ion:248 Resp: 5168

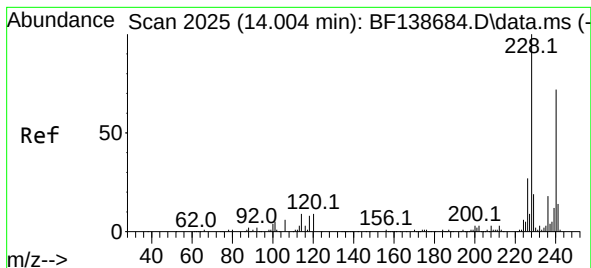
Ion Ratio Lower Upper

248 100

250 197.6 77.7 116.5#

141 516.7 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

72-11929

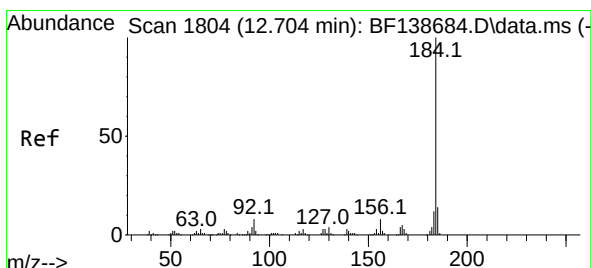
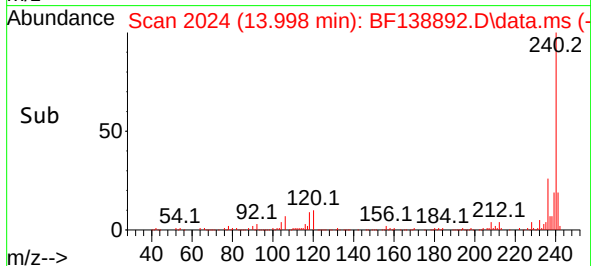
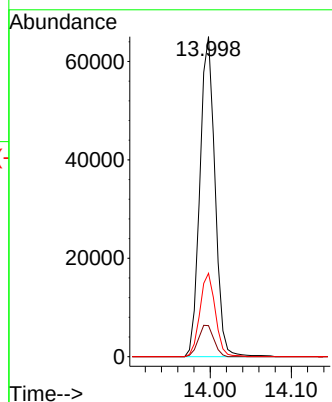
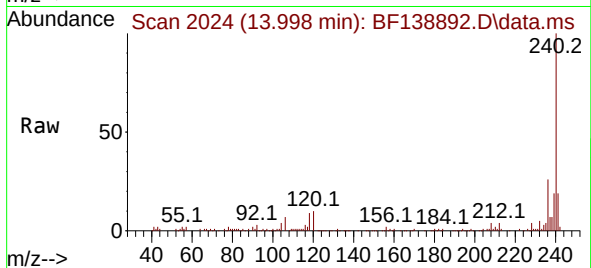
Tgt Ion:240 Resp: 84322

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 26.0 19.8 29.8



#77

Benzidine

Concen: 3.089 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

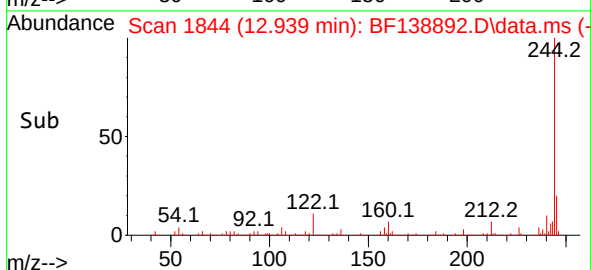
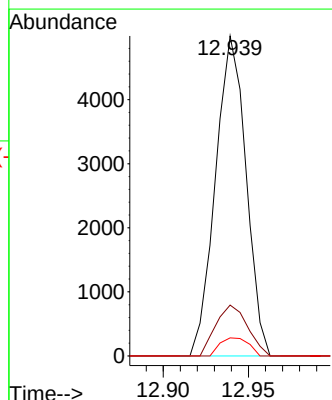
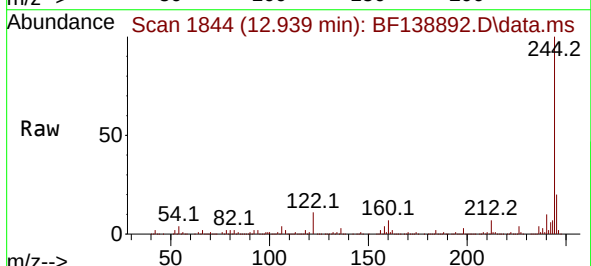
Tgt Ion:184 Resp: 6230

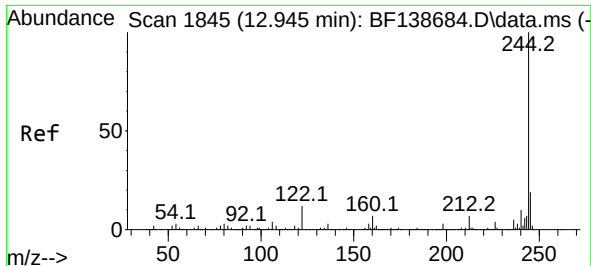
Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

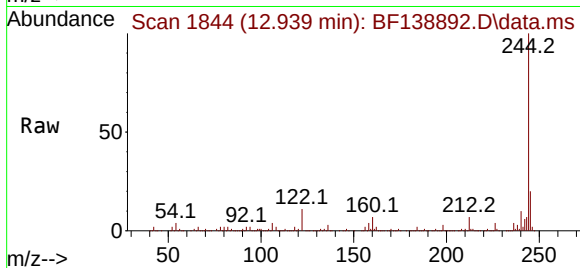
183 5.7 9.6 14.4#



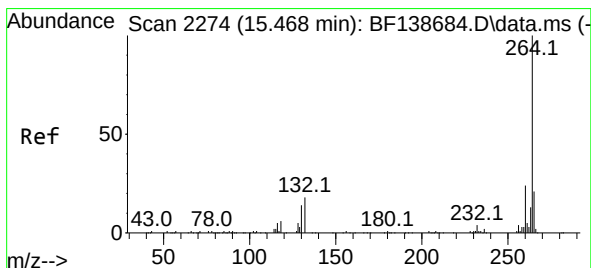
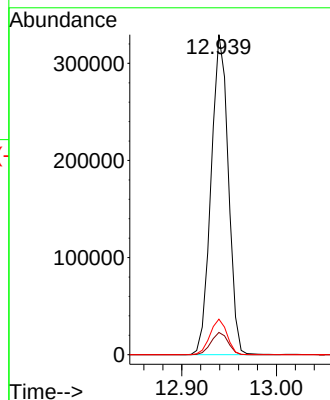
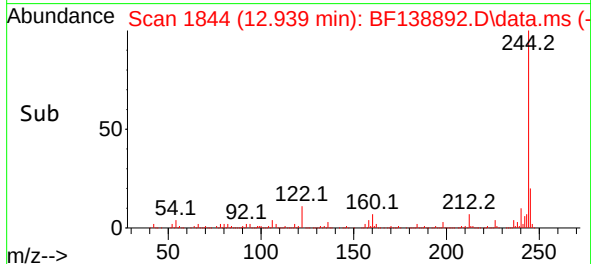


#79
Terphenyl-d14
Concen: 82.822 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

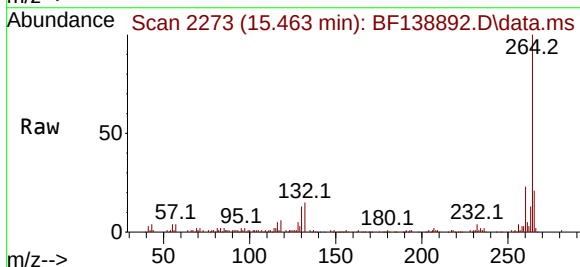
Instrument :
BNA_F
ClientSampleId :
72-11929



Tgt Ion:244 Resp: 417120
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.1 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04



Tgt Ion:264 Resp: 90882
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.0 17.0 25.6

