

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134358.D
 Acq On : 19 Jul 2023 14:45
 Operator : CG\JU
 Sample : 03597-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 15:04:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

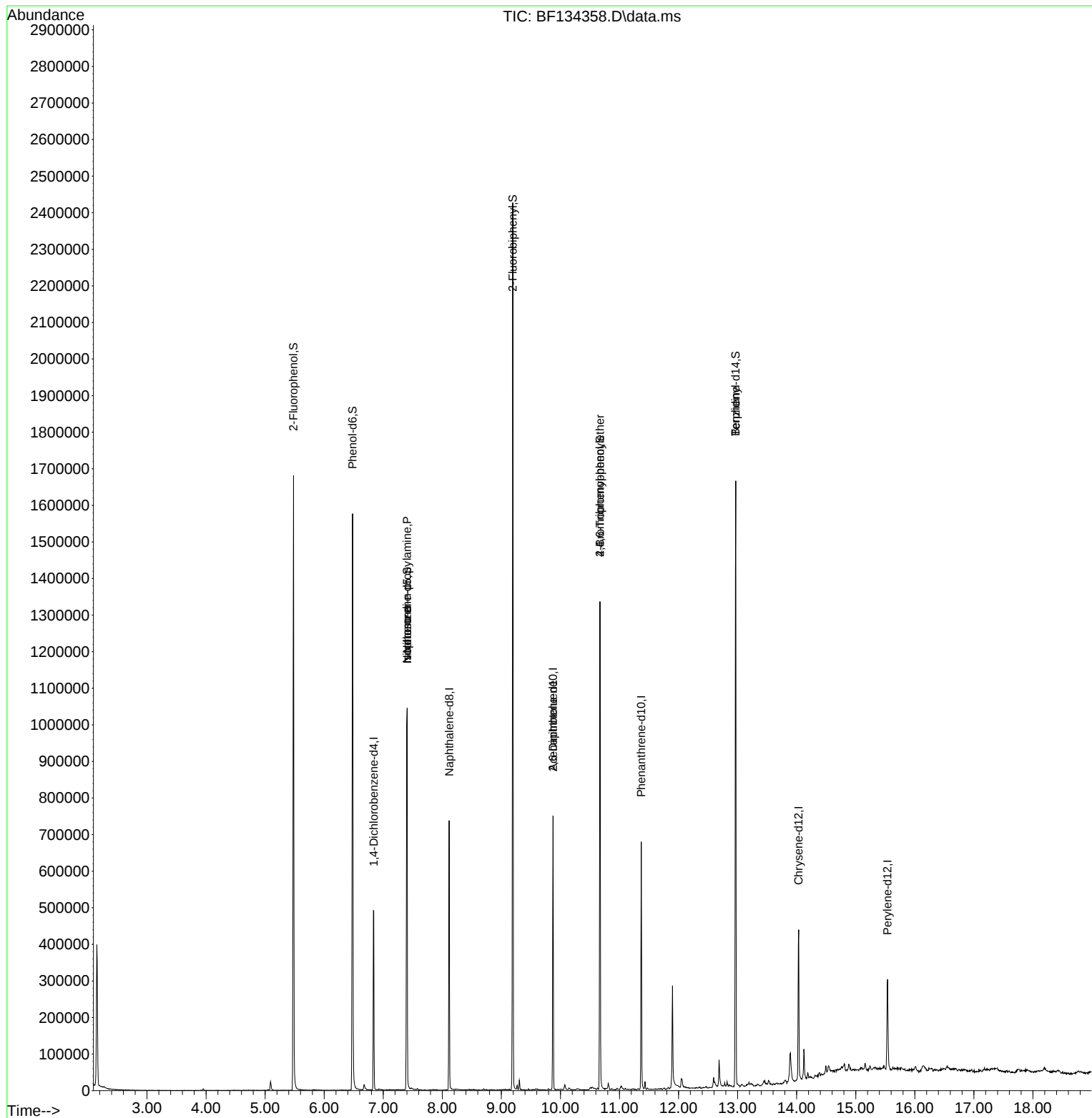
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	73680	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	275987	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	134786	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	228537	20.000	ng	0.00
76) Chrysene-d12	14.033	240	139874	20.000	ng	0.00
86) Perylene-d12	15.539	264	119546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	408203	92.675	ng	0.01
7) Phenol-d6	6.481	99	496431	91.645	ng	0.00
23) Nitrobenzene-d5	7.404	82	340428	66.492	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	156755	92.757	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	667499	72.001	ng	-0.01
79) Terphenyl-d14	12.968	244	574618	66.117	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	866	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	48496	14.117	ng	# 73
25) Isophorone	7.404	82	340424	36.585	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	18006	8.544	ng	# 23
67) 4-Bromophenyl-phenylether	10.669	248	9647	3.971	ng	# 1
77) Benzidine	12.968	184	8421	2.530	ng	# 93

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

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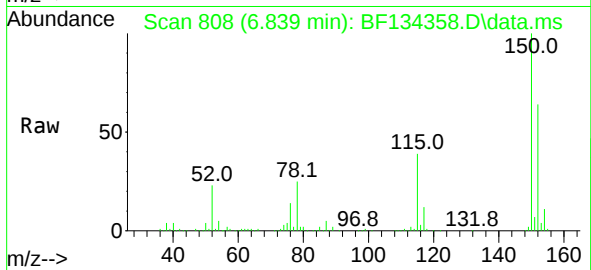
Quant Time: Jul 19 15:04:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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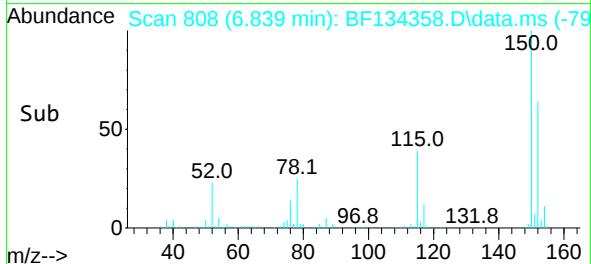
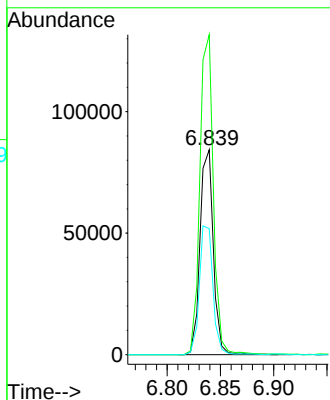


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Instrument :
BNA_F
ClientSampleId :

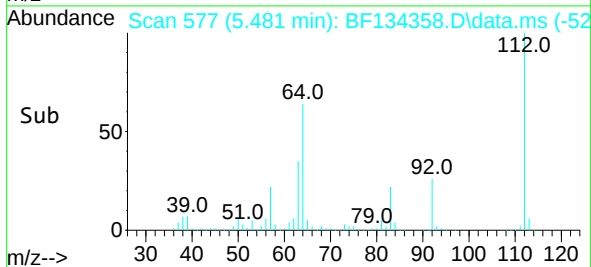
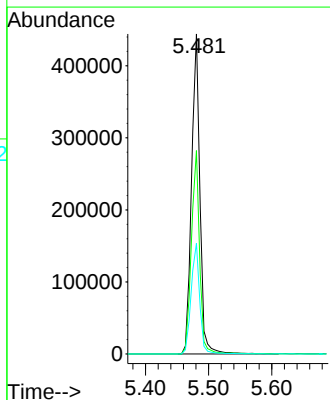
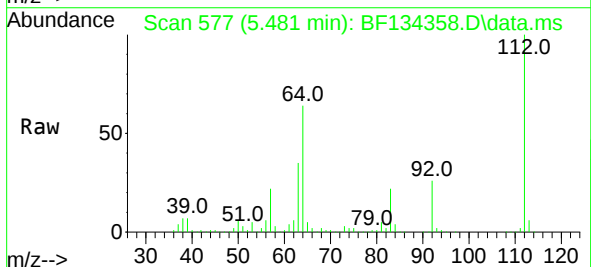


Tgt Ion:152 Resp: 73680
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 61.6 50.2 75.2



#5
2-Fluorophenol
Concen: 92.675 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

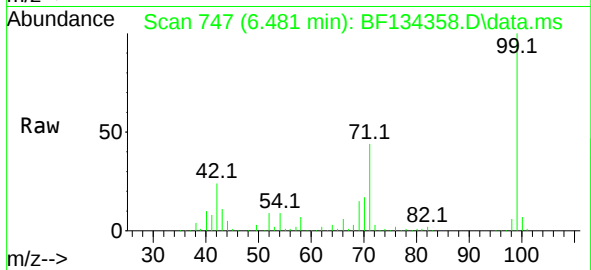
Tgt Ion:112 Resp: 408203
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 34.6 28.6 42.8



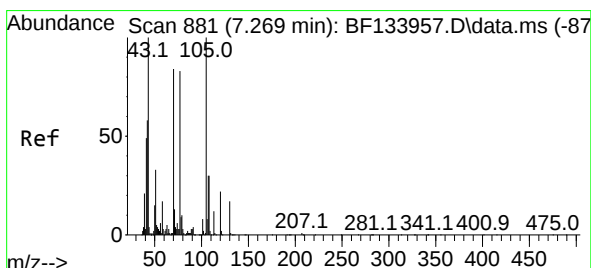
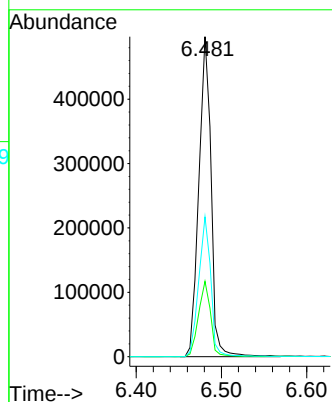
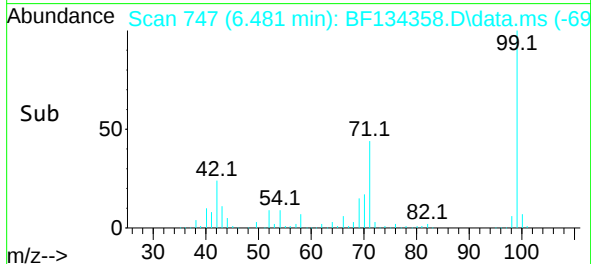


#7
Phenol-d6
Concen: 91.645 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

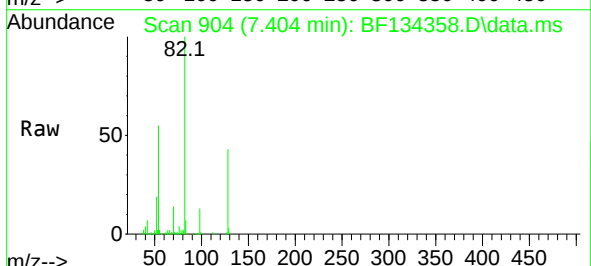
Instrument :
BNA_F
ClientSampleId :



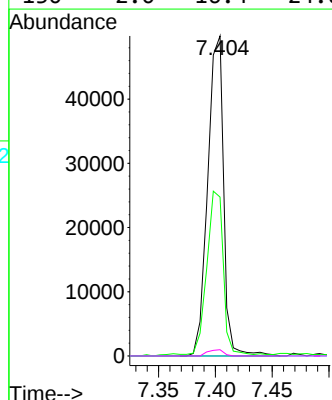
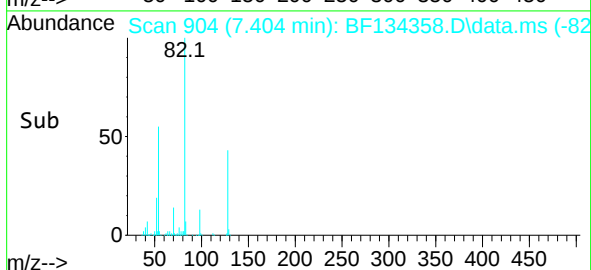
Tgt Ion: 99 Resp: 496431
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 43.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.117 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45



Tgt Ion: 70 Resp: 48496
Ion Ratio Lower Upper
70 100
42 49.6 54.7 82.1#
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#

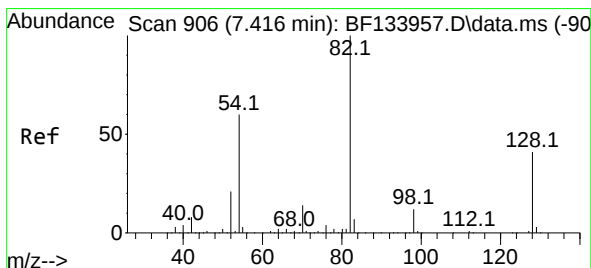
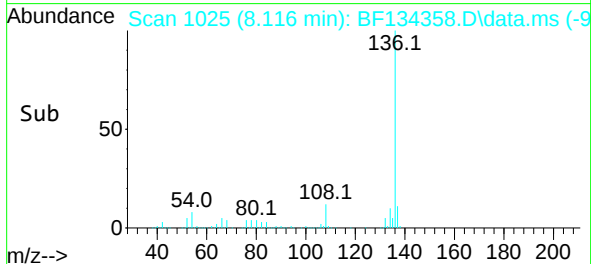
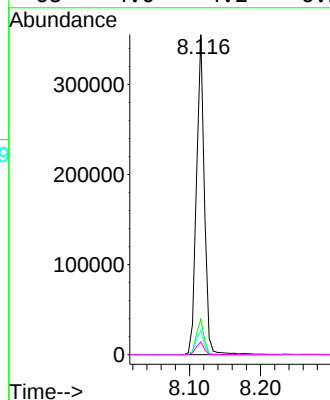
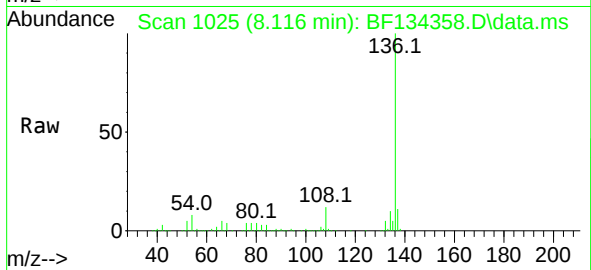




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

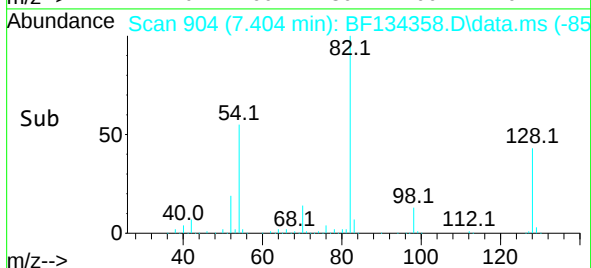
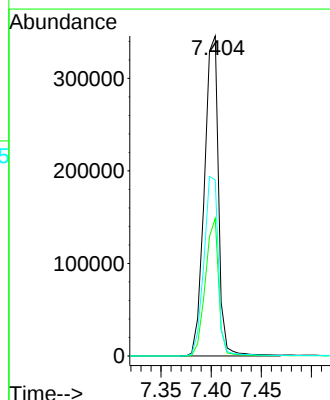
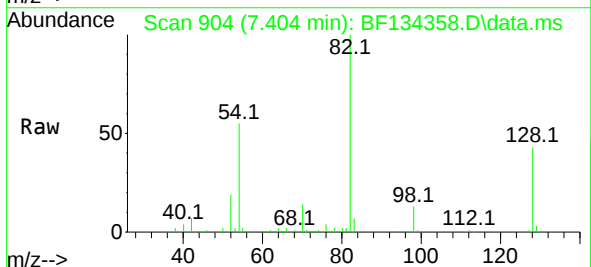
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 275987
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.6 6.5 9.7
68 4.0 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 66.492 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

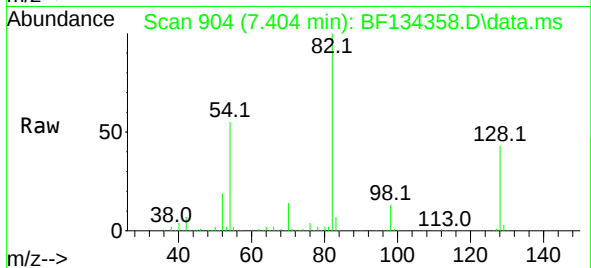
Tgt Ion: 82 Resp: 340428
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 55.0 48.2 72.2



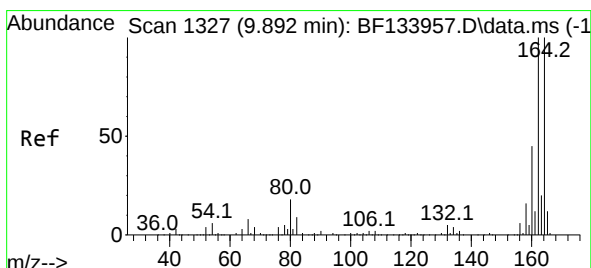
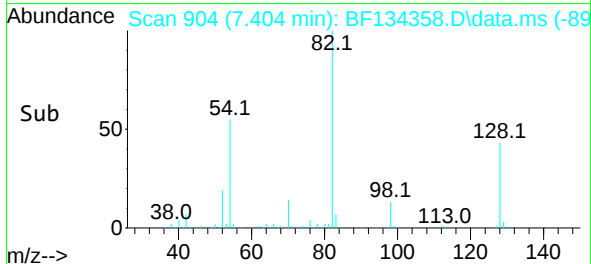
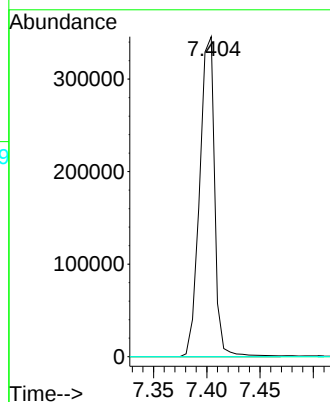


#25
Isophorone
Concen: 36.585 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Instrument :
BNA_F
ClientSampleId :

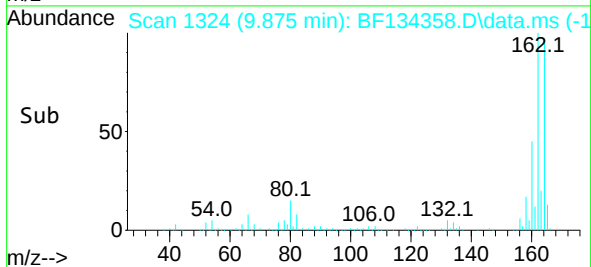
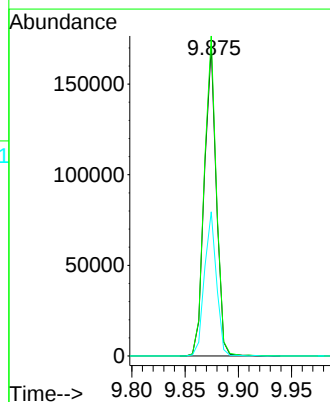
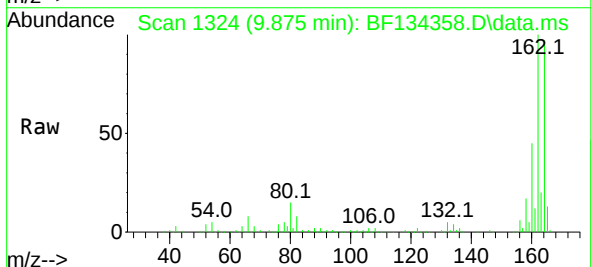


Tgt Ion: 82 Resp: 340424
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

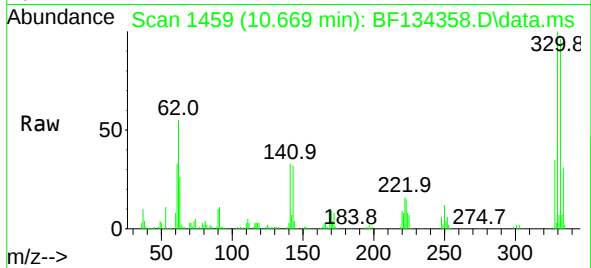
Tgt Ion:164 Resp: 134786
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 46.6 35.9 53.9



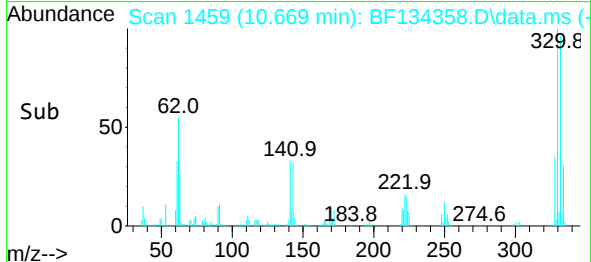
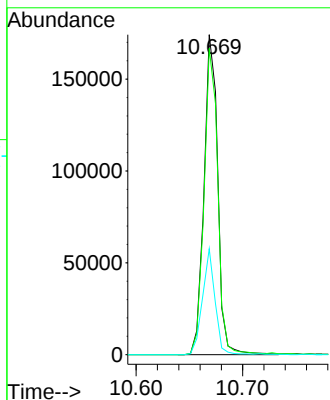


#42
2,4,6-Tribromophenol
Concen: 92.757 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Instrument :
BNA_F
ClientSampleId :

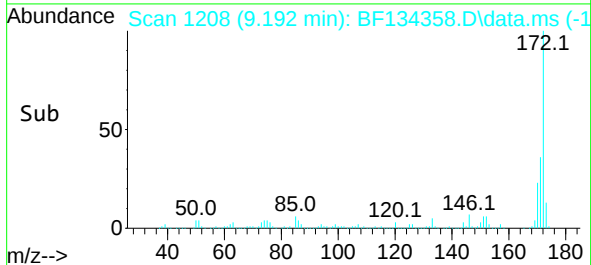
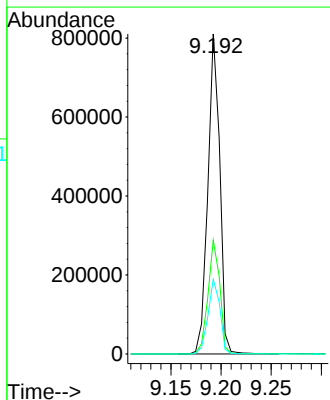
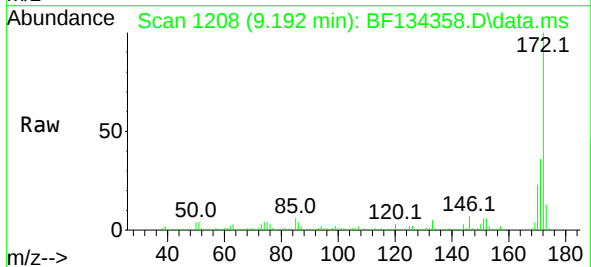


Tgt Ion:330 Resp: 156755
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 30.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 72.001 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

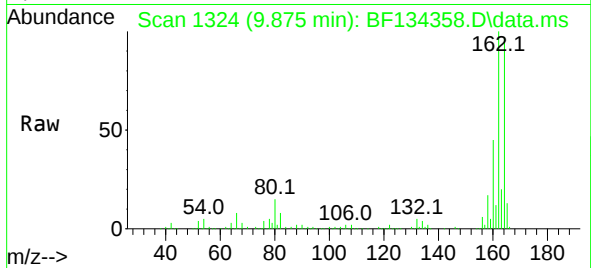
Tgt Ion:172 Resp: 667499
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.3 19.4 29.0



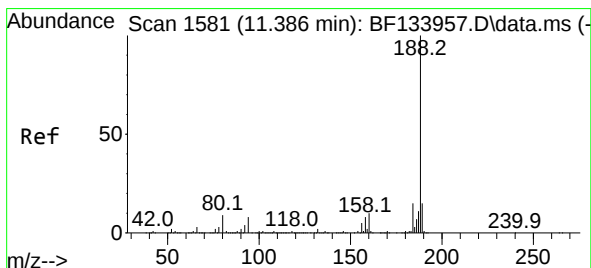
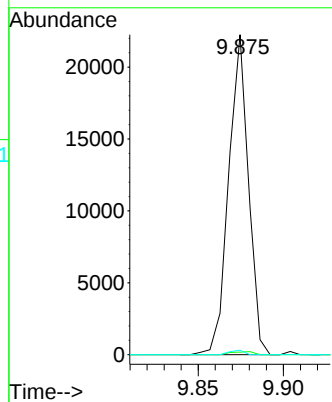
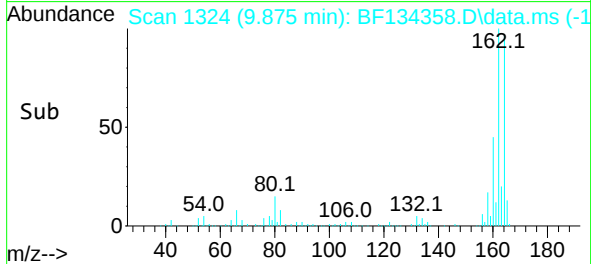


#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

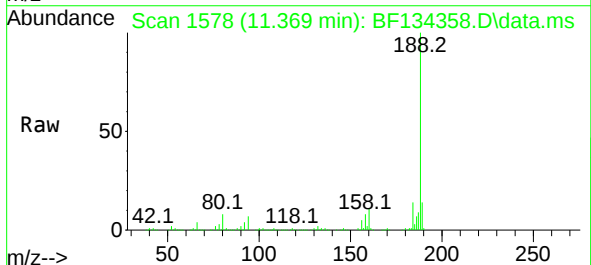
Instrument :
BNA_F
ClientSampleId :



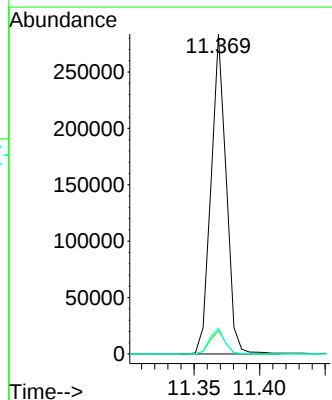
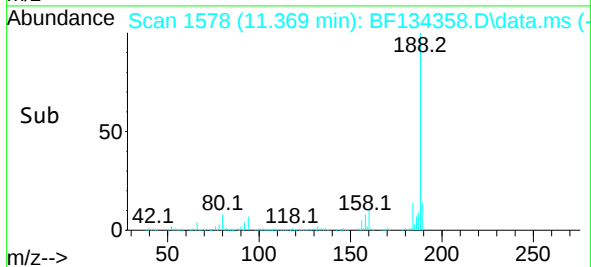
Tgt Ion:165 Resp: 18006
Ion Ratio Lower Upper
165 100
63 0.8 48.5 72.7#
89 1.4 45.5 68.3#

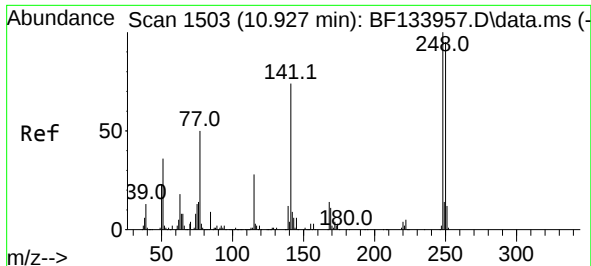


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45



Tgt Ion:188 Resp: 228537
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.2 7.3 10.9





#67

4-Bromophenyl-phenylether

Concen: 3.971 ng

RT: 10.669 min Scan# 14

Delta R.T. -0.247 min

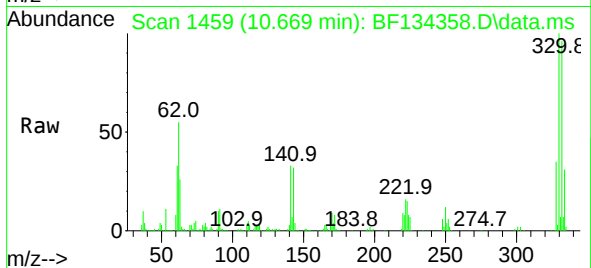
Lab File: BF134358.D

Acq: 19 Jul 2023 14:45

Instrument :

BNA_F

ClientSampleId :



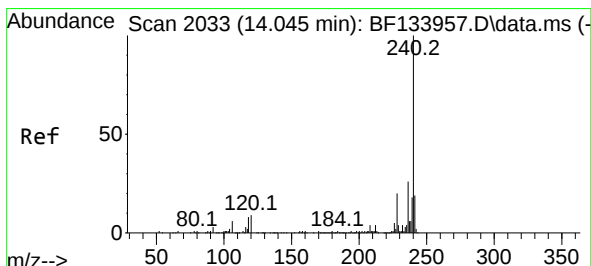
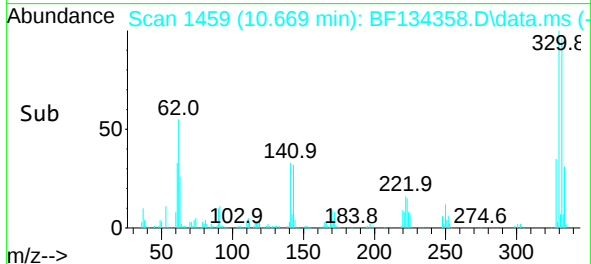
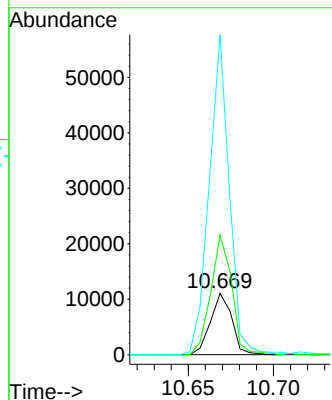
Tgt Ion:248 Resp: 9647

Ion Ratio Lower Upper

248 100

250 195.0 76.2 114.4#

141 522.0 59.0 88.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134358.D

Acq: 19 Jul 2023 14:45

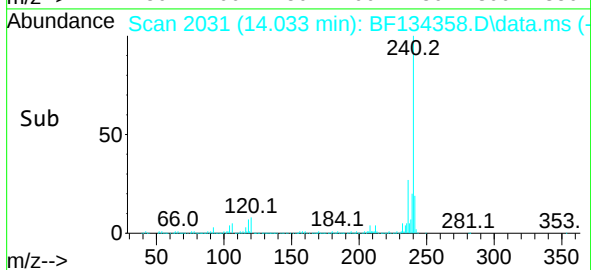
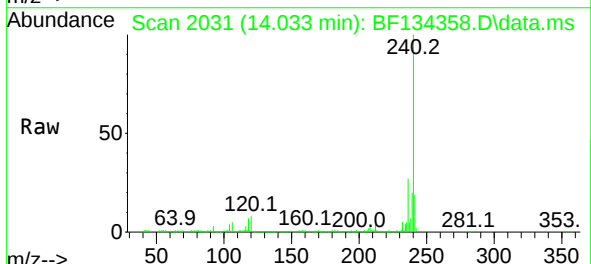
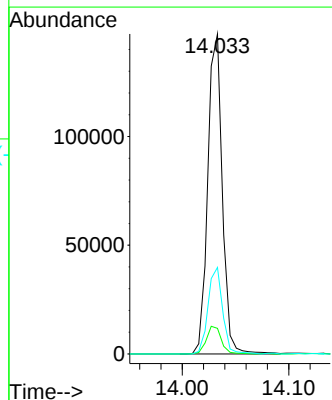
Tgt Ion:240 Resp: 139874

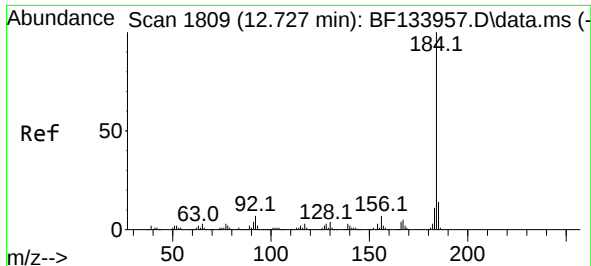
Ion Ratio Lower Upper

240 100

120 8.0 7.4 11.0

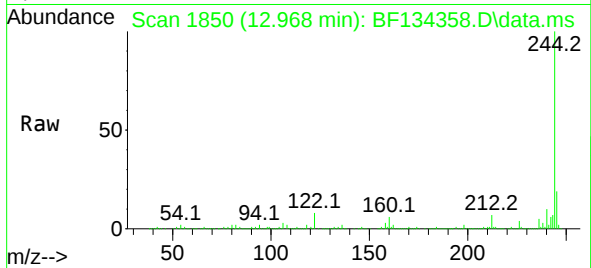
236 27.1 21.0 31.6



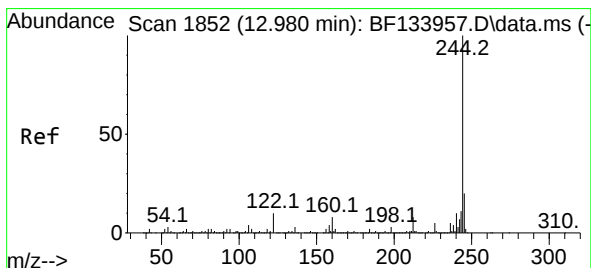
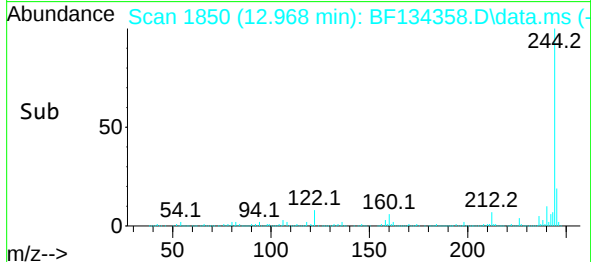
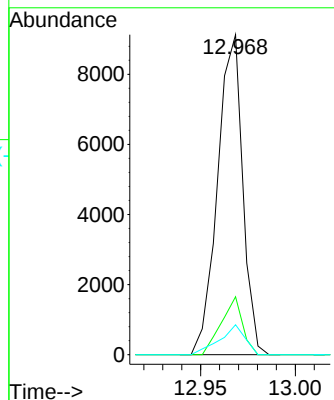


#77
Benzidine
Concen: 2.530 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.241 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Instrument :
BNA_F
ClientSampleId :

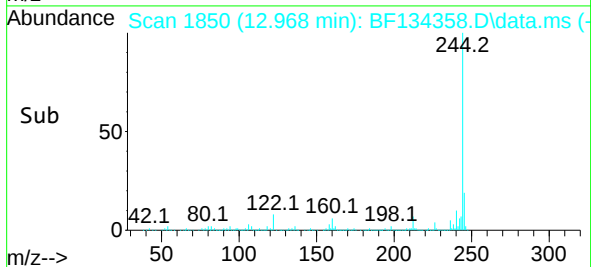
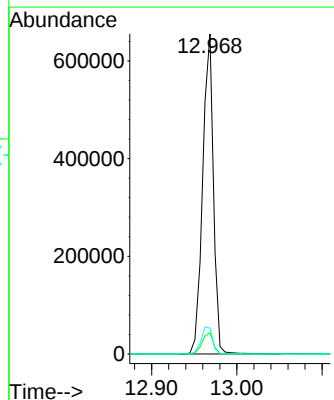
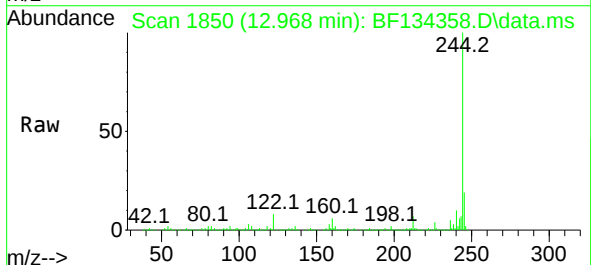


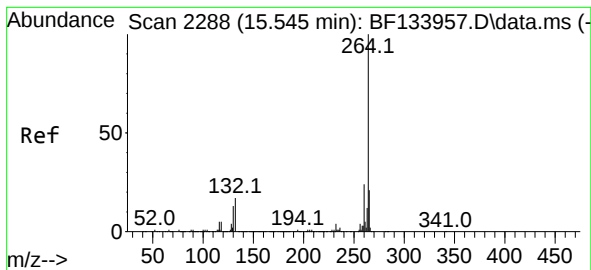
Tgt Ion:184 Resp: 8421
Ion Ratio Lower Upper
184 100
185 18.1 11.6 17.4#
183 9.4 8.8 13.2



#79
Terphenyl-d14
Concen: 66.117 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134358.D
Acq: 19 Jul 2023 14:45

Tgt Ion:244 Resp: 574618
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 8.1 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

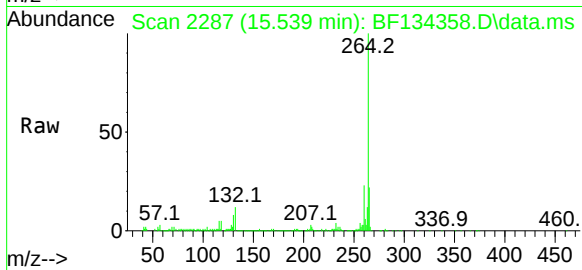
Lab File: BF134358.D

Acq: 19 Jul 2023 14:45

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 119546

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.7 16.6 25.0

