

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134315.D
 Acq On : 17 Jul 2023 14:35
 Operator : CG\JU
 Sample : PB154192BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154192BL

Quant Time: Jul 17 16:14:42 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)

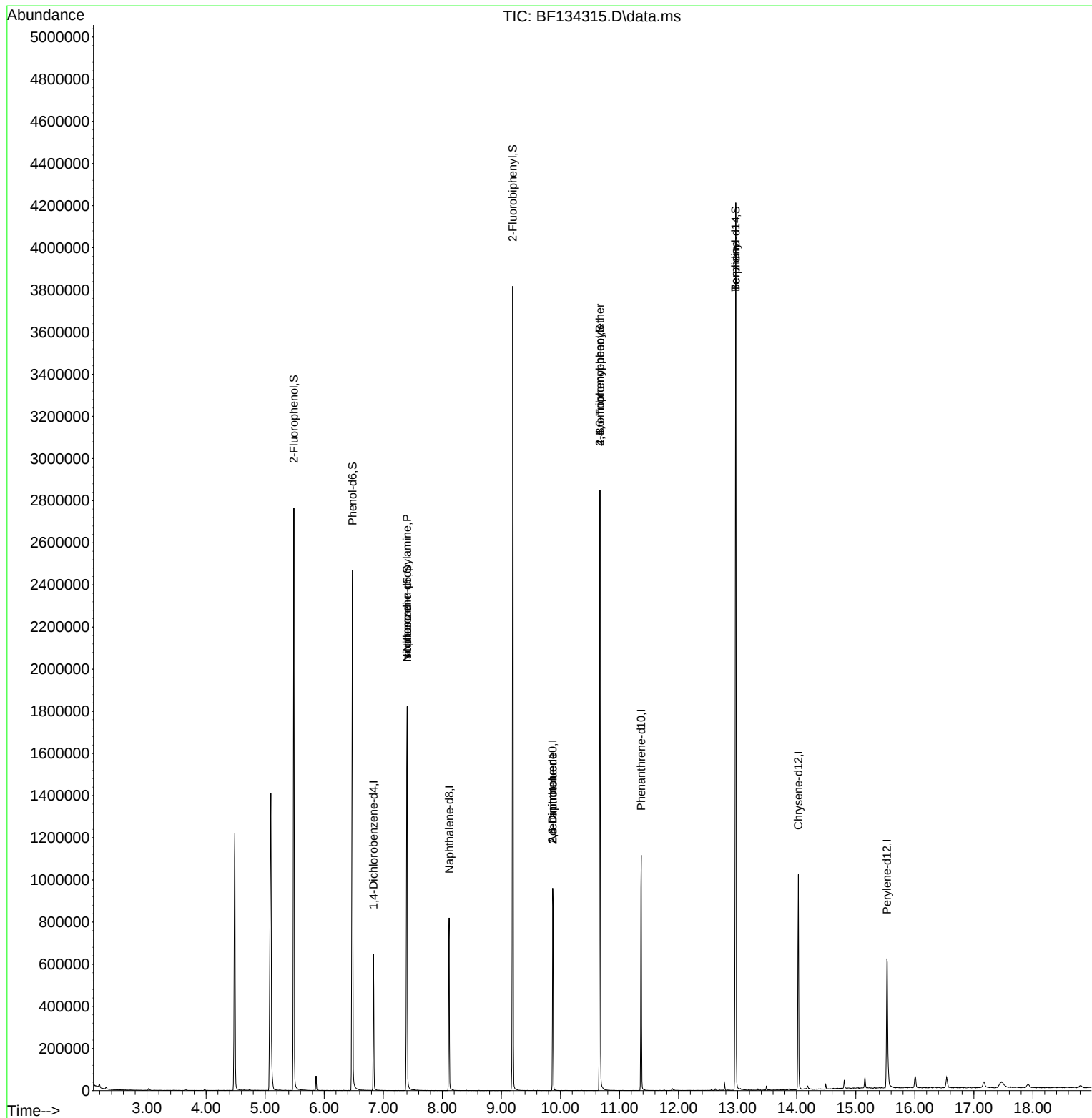
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	91768	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	362038	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	193974	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	415205	20.000	ng	0.00
76) Chrysene-d12	14.027	240	331546	20.000	ng	-0.01
86) Perylene-d12	15.527	264	317420	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	707565	128.977	ng	0.02
7) Phenol-d6	6.481	99	840710	124.611	ng	0.00
23) Nitrobenzene-d5	7.404	82	595562	88.676	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	366103	150.533	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1174717	88.049	ng	-0.01
79) Terphenyl-d14	12.968	244	1632767	79.259	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	317	Below Cal	#	71
19) n-Nitroso-di-n-propyla...	7.404	70	84824	19.825	ng	# 72
25) Isophorone	7.404	82	595557	48.792	ng	# 64
51) 2,6-Dinitrotoluene	9.869	165	24492	8.076	ng	# 23
57) 2,4-Dinitrotoluene	9.869	165	24492	6.115	ng	# 22
67) 4-Bromophenyl-phenylether	10.669	248	21249	4.815	ng	# 1
77) Benizidine	12.968	184	22225	2.817	ng	# 91

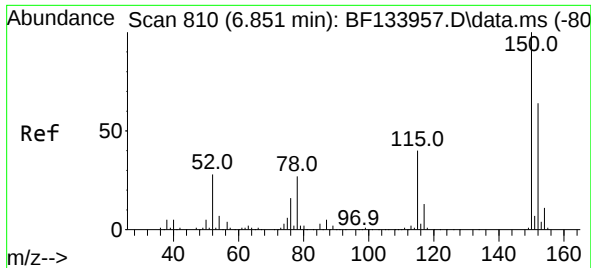
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134315.D
Acq On : 17 Jul 2023 14:35
Operator : CG\JU
Sample : PB154192BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154192BL

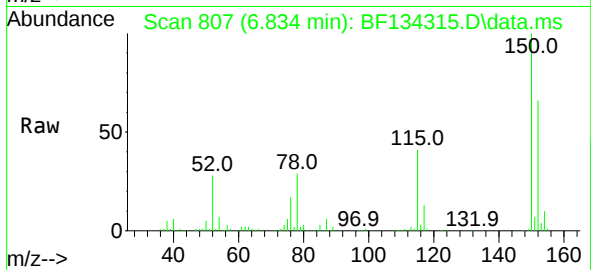
Quant Time: Jul 17 16:14:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration



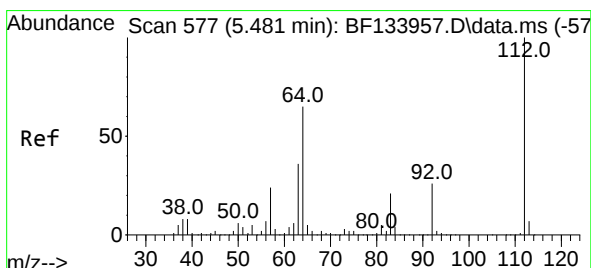
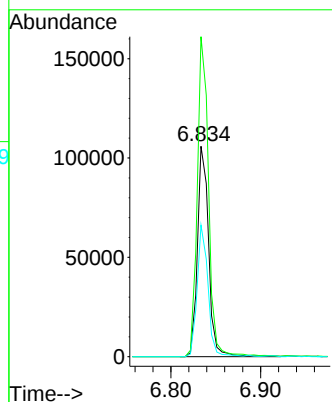
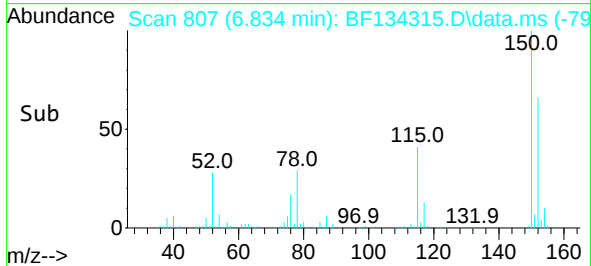


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

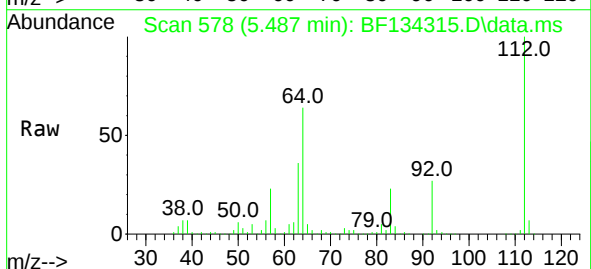
Instrument :
BNA_F
ClientSampleId :
PB154192BL



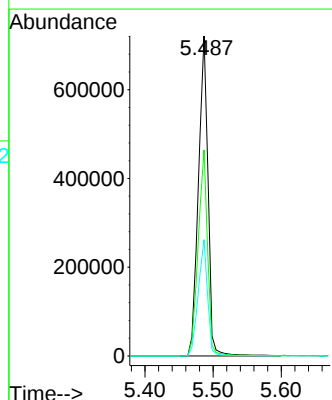
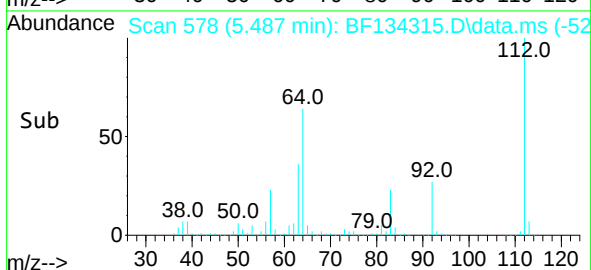
Tgt Ion:152 Resp: 91768
Ion Ratio Lower Upper
152 100
150 152.1 124.5 186.7
115 62.5 50.2 75.2

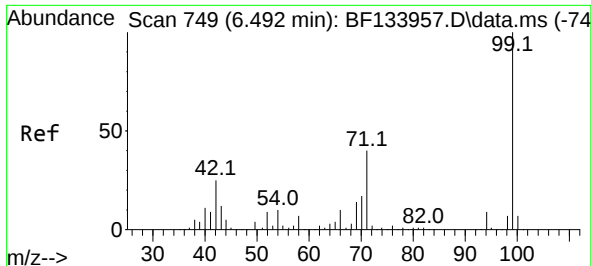


#5
2-Fluorophenol
Concen: 128.977 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35



Tgt Ion:112 Resp: 707565
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 36.3 28.6 42.8

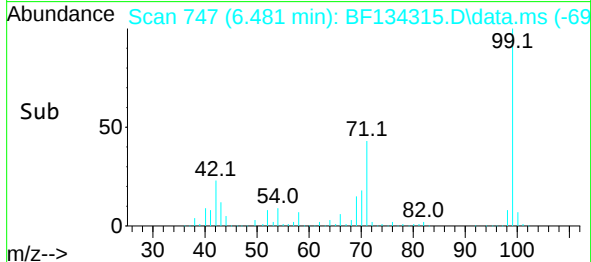
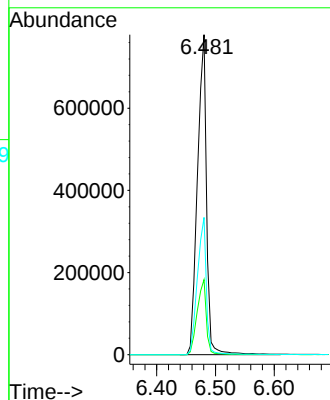
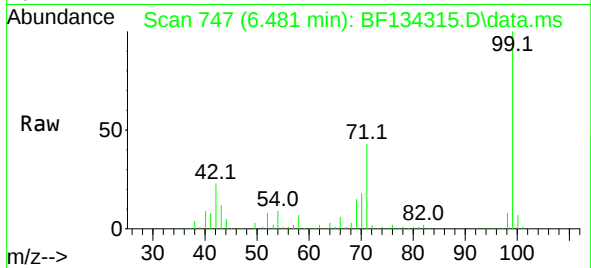




#7
Phenol-d6
Concen: 124.611 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

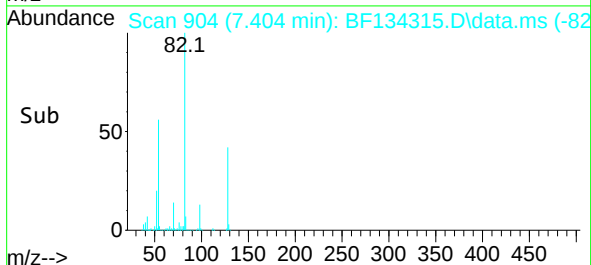
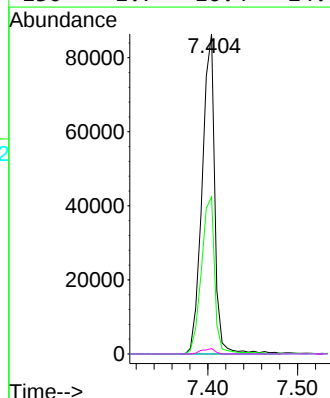
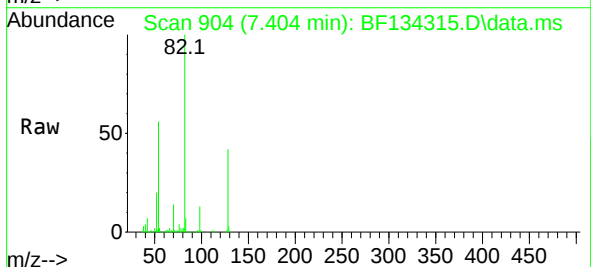
Instrument :
BNA_F
ClientSampleId :
PB154192BL

Tgt Ion: 99 Resp: 840710
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 42.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.825 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

Tgt Ion: 70 Resp: 84824
Ion Ratio Lower Upper
70 100
42 49.0 54.7 82.1#
101 0.0 7.7 11.5#
130 1.7 16.4 24.6#

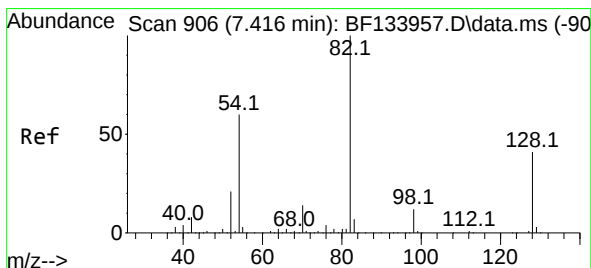
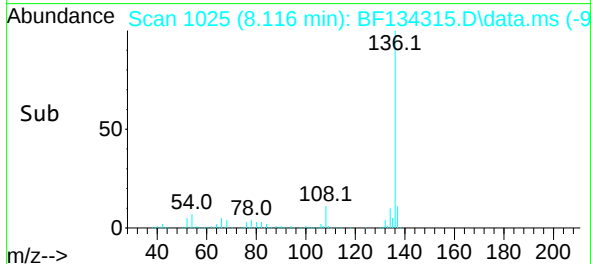
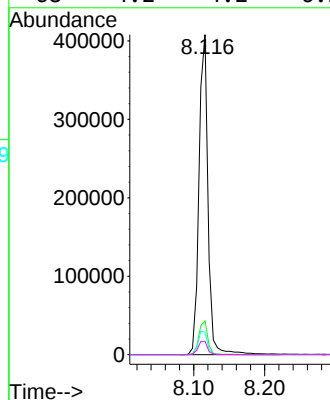
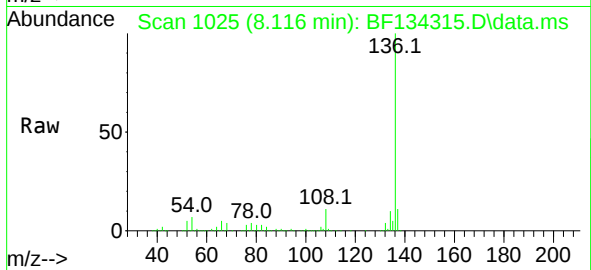




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

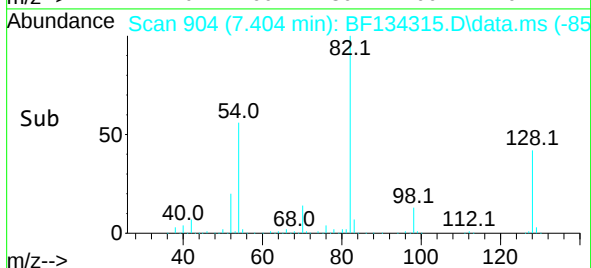
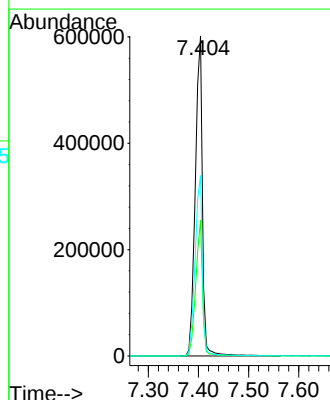
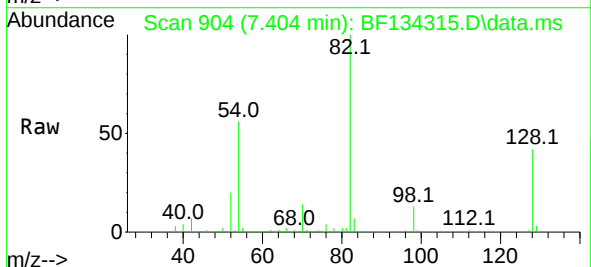
Instrument :
BNA_F
ClientSampleId :
PB154192BL

Tgt Ion:136 Resp: 362038
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.1 6.5 9.7
68 4.2 4.2 6.2



#23
Nitrobenzene-d5
Concen: 88.676 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

Tgt Ion: 82 Resp: 595562
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 56.4 48.2 72.2

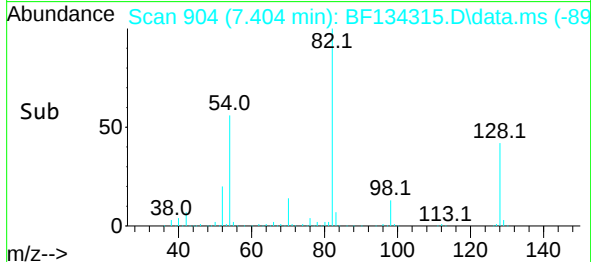
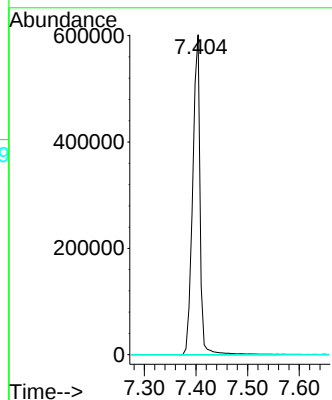
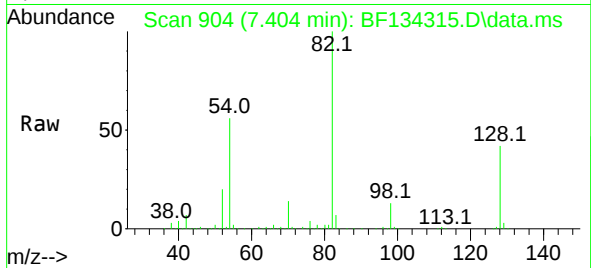




#25
Isophorone
Concen: 48.792 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

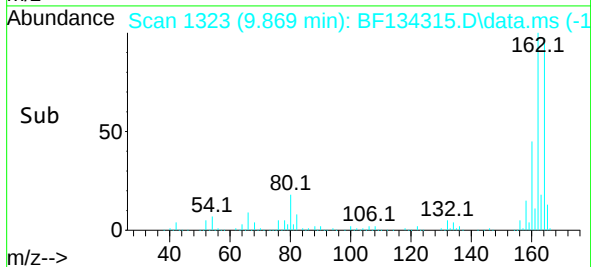
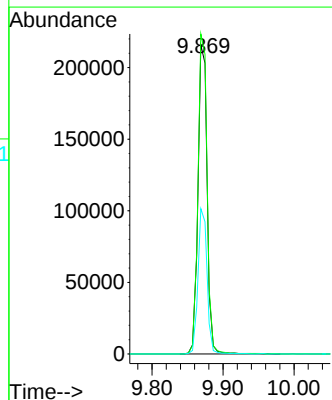
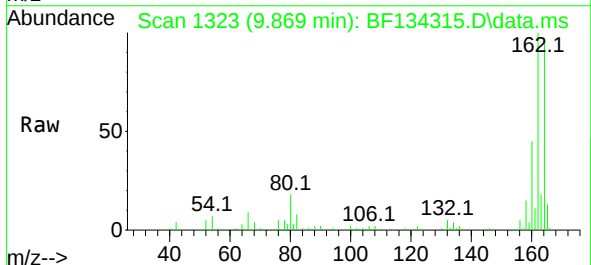
Instrument :
BNA_F
ClientSampleId :
PB154192BL

Tgt Ion: 82 Resp: 595557
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: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

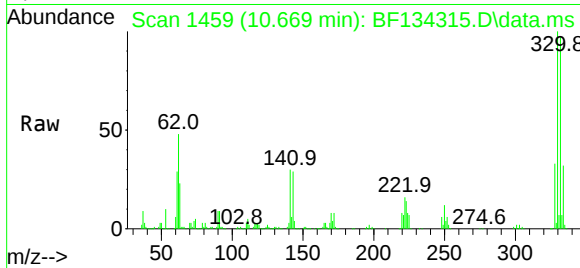
Tgt Ion:164 Resp: 193974
Ion Ratio Lower Upper
164 100
162 103.6 80.0 120.0
160 47.0 35.9 53.9



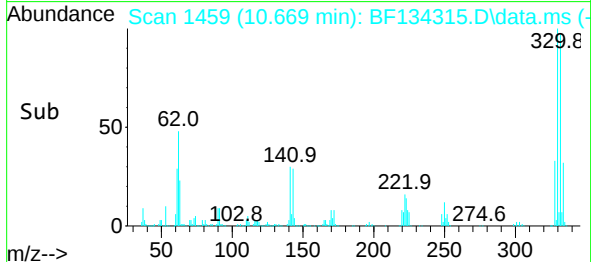
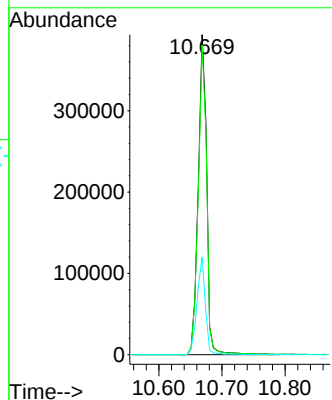


#42
2,4,6-Tribromophenol
Concen: 150.533 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

Instrument :
BNA_F
ClientSampleId :
PB154192BL

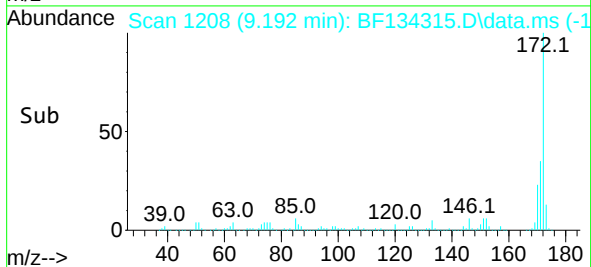
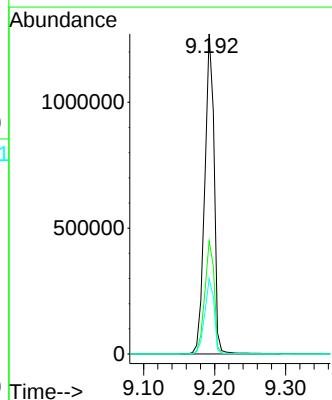
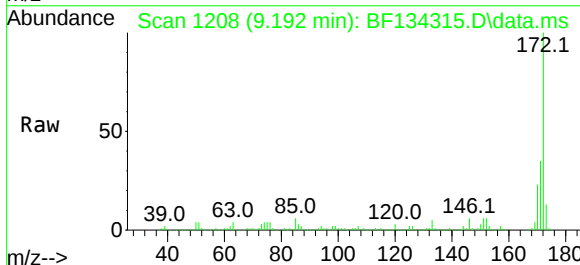


Tgt Ion:330 Resp: 366103
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 30.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 88.049 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

Tgt Ion:172 Resp: 1174717
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.5 19.4 29.0

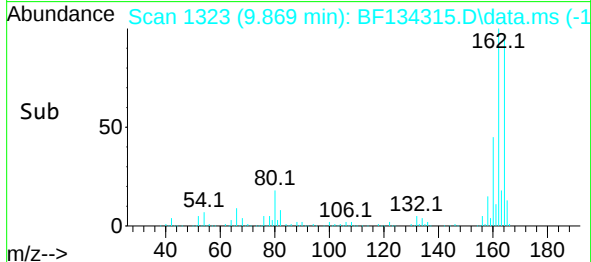
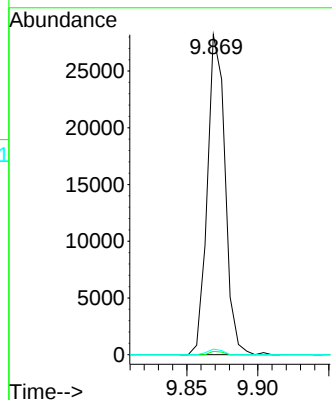
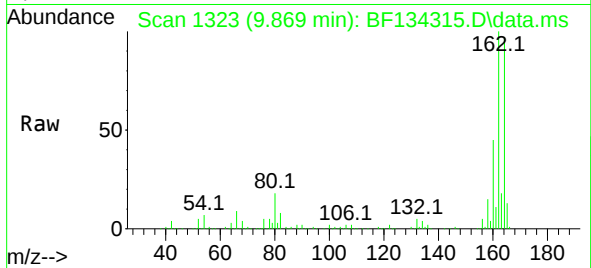




#51
2,6-Dinitrotoluene
Concen: 8.076 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

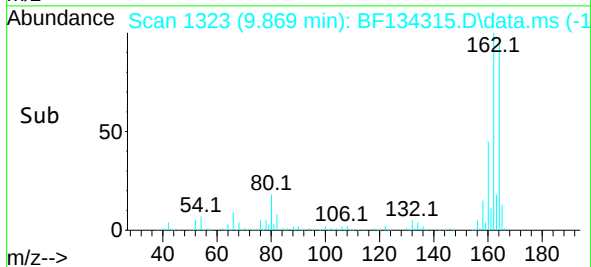
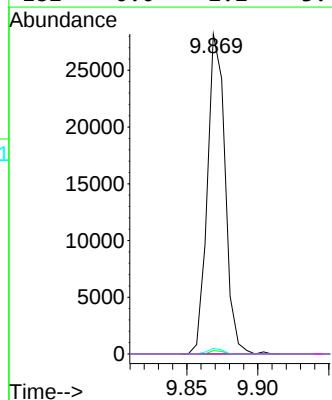
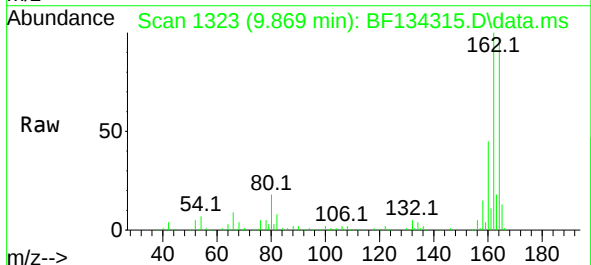
Instrument :
BNA_F
ClientSampleId :
PB154192BL

Tgt Ion:165 Resp: 24492
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.212 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

Tgt Ion:165 Resp: 24492
Ion Ratio Lower Upper
165 100
63 1.0 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134315.D

Acq: 17 Jul 2023 14:35

Instrument :

BNA_F

ClientSampleId :

PB154192BL

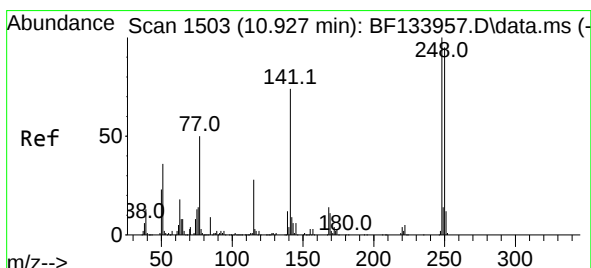
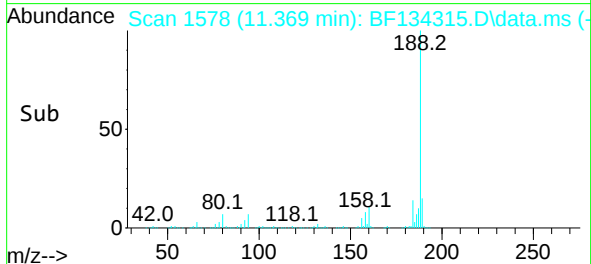
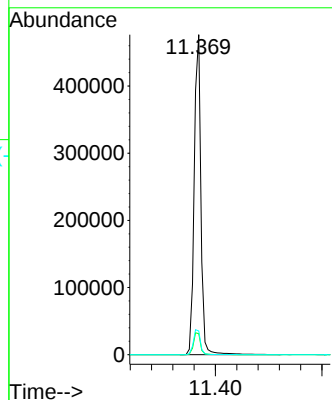
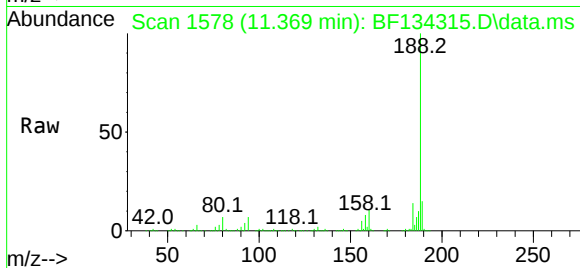
Tgt Ion:188 Resp: 415205

Ion Ratio Lower Upper

188 100

94 6.5 6.4 9.6

80 7.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.815 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.247 min

Lab File: BF134315.D

Acq: 17 Jul 2023 14:35

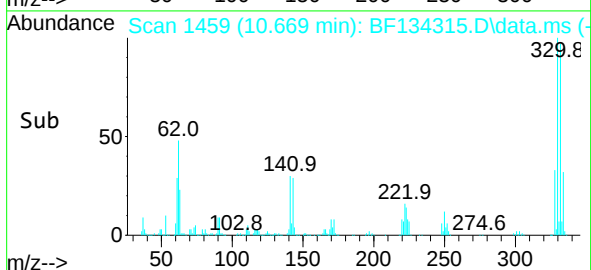
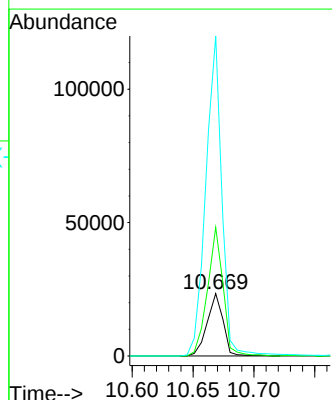
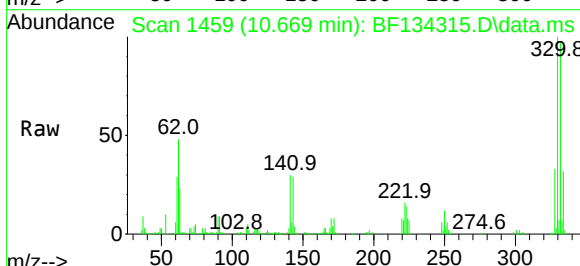
Tgt Ion:248 Resp: 21249

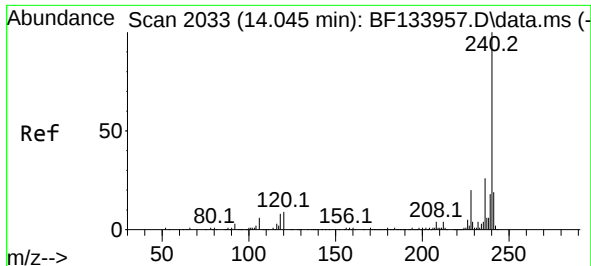
Ion Ratio Lower Upper

248 100

250 206.3 76.2 114.4#

141 513.0 59.0 88.4#

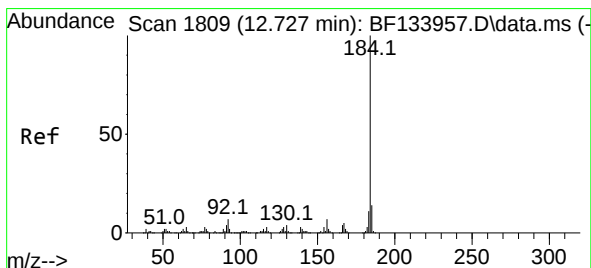
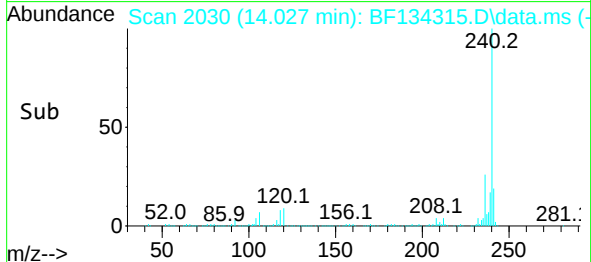
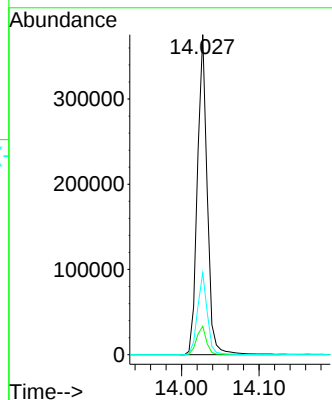
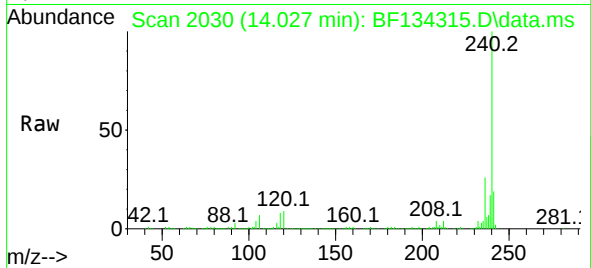




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

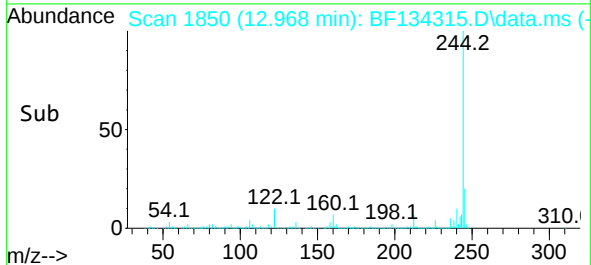
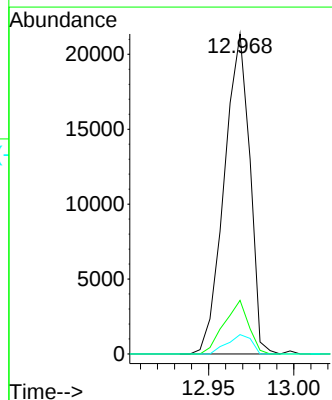
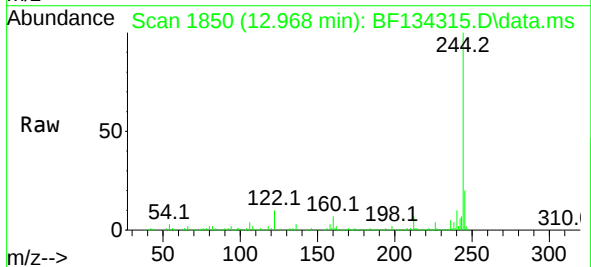
Instrument :
BNA_F
ClientSampleId :
PB154192BL

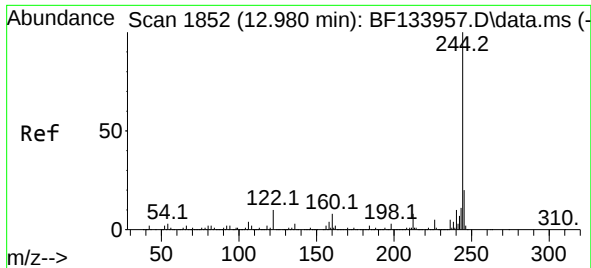
Tgt Ion:240 Resp: 331546
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.6 21.0 31.6



#77
Benzidine
Concen: 2.817 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.241 min
Lab File: BF134315.D
Acq: 17 Jul 2023 14:35

Tgt Ion:184 Resp: 22225
Ion Ratio Lower Upper
184 100
185 16.8 11.6 17.4
183 6.0 8.8 13.2#

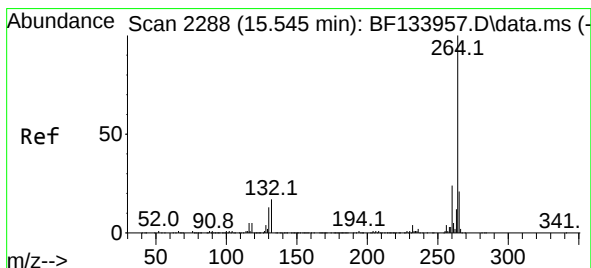
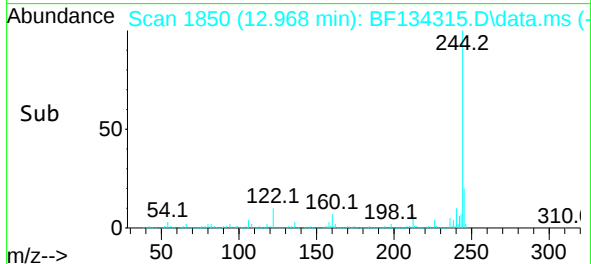
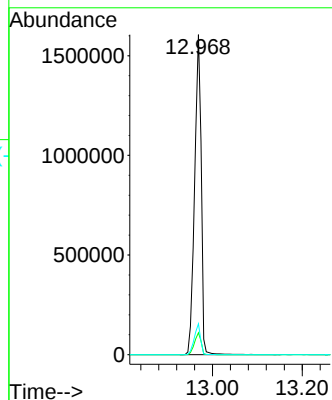
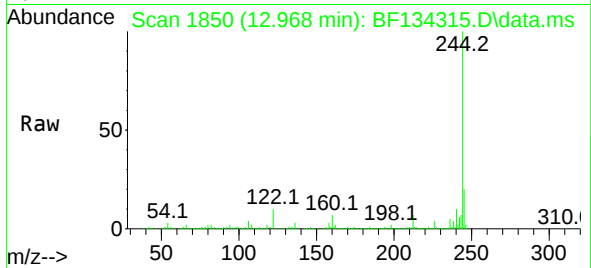




#79
 Terphenyl-d14
 Concen: 79.259 ng
 RT: 12.968 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134315.D
 Acq: 17 Jul 2023 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB154192BL

Tgt Ion:244 Resp: 1632767
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.018 min
 Lab File: BF134315.D
 Acq: 17 Jul 2023 14:35

Tgt Ion:264 Resp: 317420
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.5 16.6 25.0

