

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133790.D
 Acq On : 15 Jun 2023 23:29
 Operator : CG\JU
 Sample : 03140-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 16 03:02:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

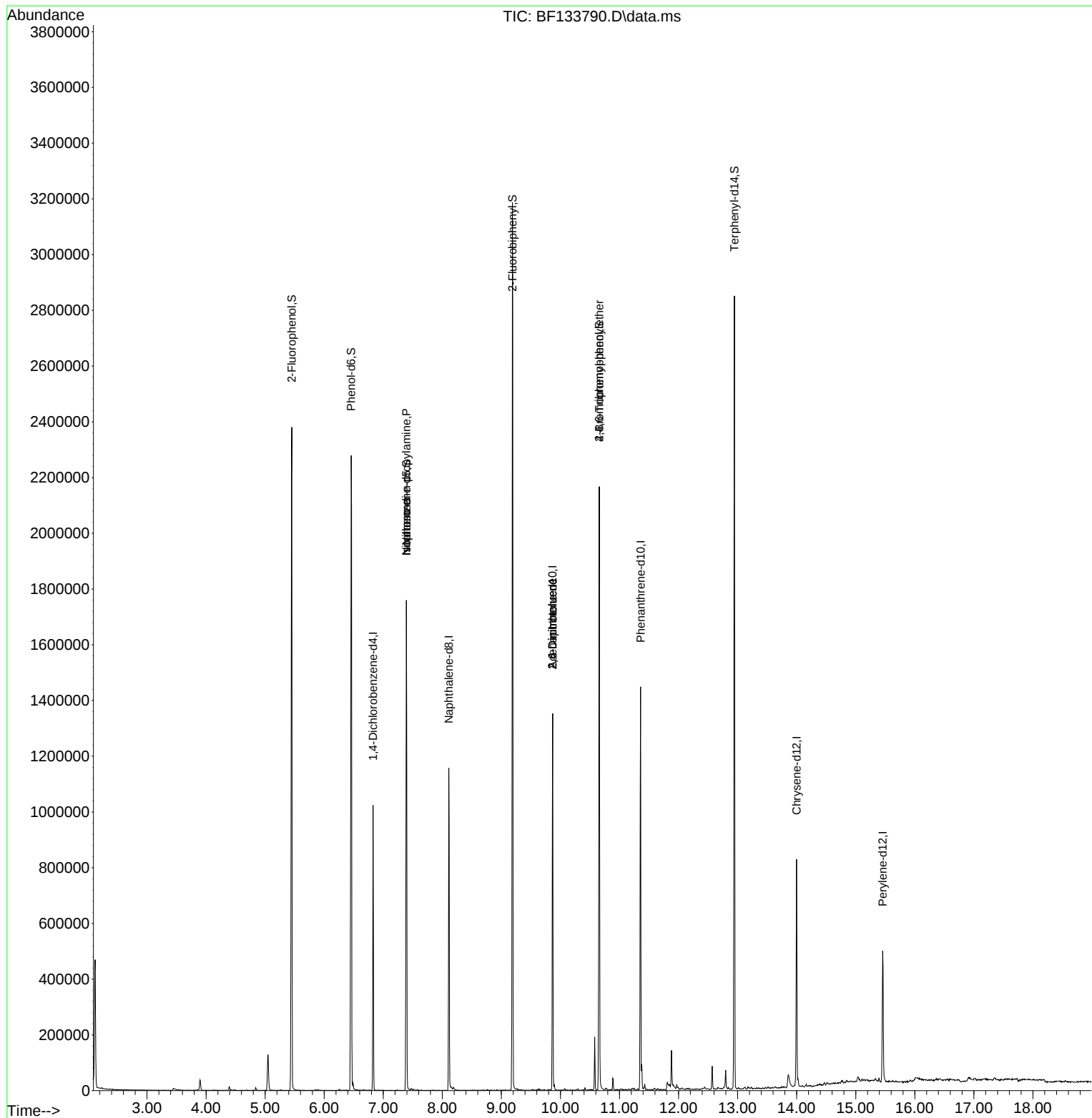
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	127217	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	497754	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	247102	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	491908	20.000	ng	0.00
76) Chrysene-d12	13.998	240	253336	20.000	ng	0.00
86) Perylene-d12	15.457	264	215103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	644643	88.216	ng	0.01
7) Phenol-d6	6.457	99	785656	82.597	ng	0.00
23) Nitrobenzene-d5	7.392	82	536083	58.661	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	243761	77.932	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	958723	55.153	ng	0.00
79) Terphenyl-d14	12.945	244	954839	58.320	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.392	70	75318	12.445	ng	# 79
25) Isophorone	7.392	82	536159	31.957	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	32156	8.446	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	32156	6.641	ng	# 20
67) 4-Bromophenyl-phenylether	10.657	248	15303	2.787	ng	# 1

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

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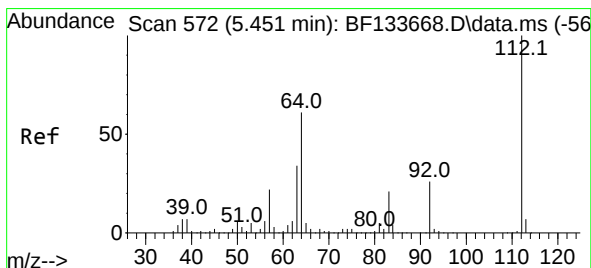
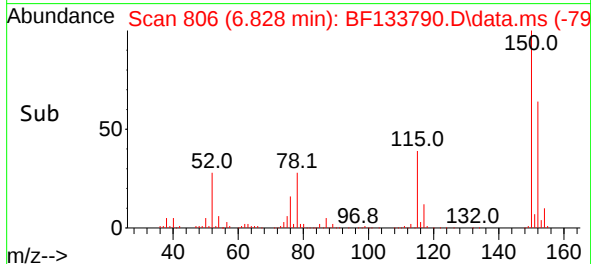
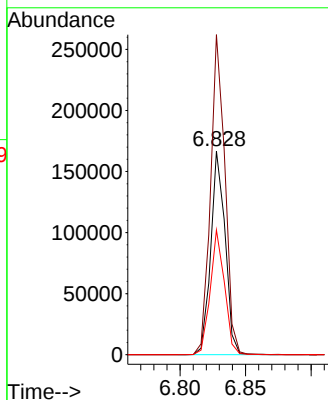
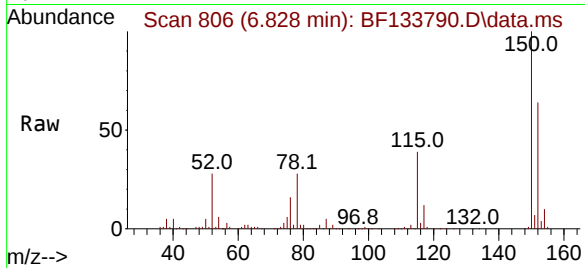




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

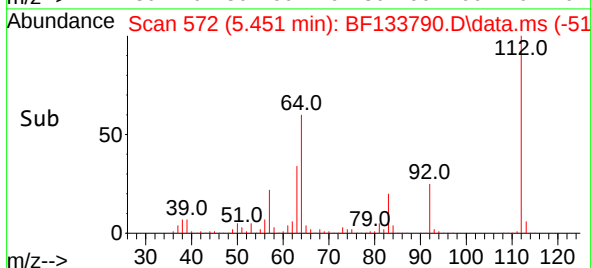
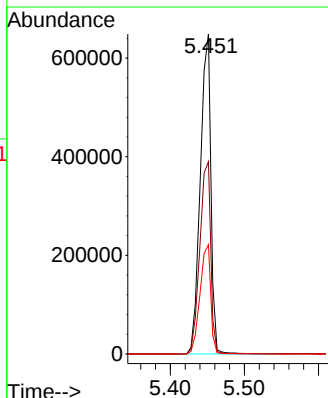
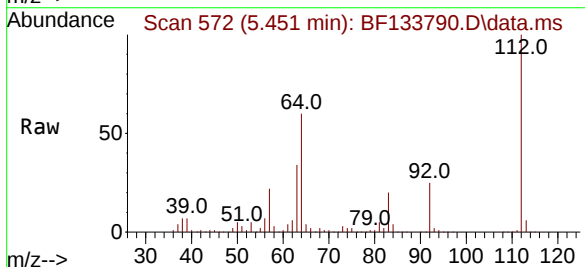
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

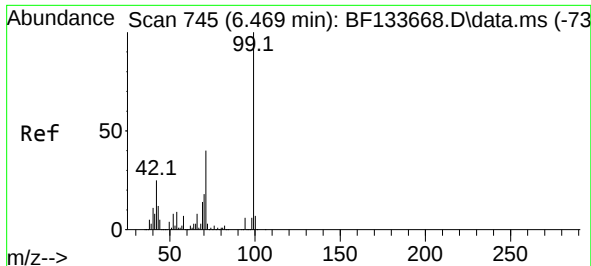
Tgt Ion:152 Resp: 127217
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 61.2 48.5 72.7



#5
2-Fluorophenol
Concen: 88.216 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion:112 Resp: 644643
Ion Ratio Lower Upper
112 100
64 60.1 49.0 73.4
63 34.2 26.8 40.2



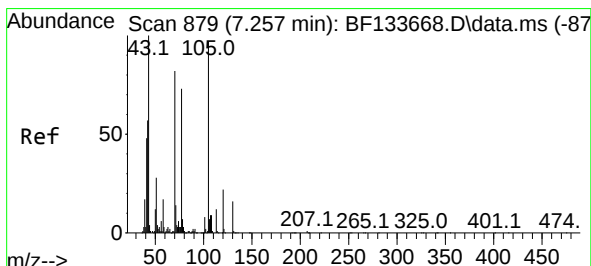
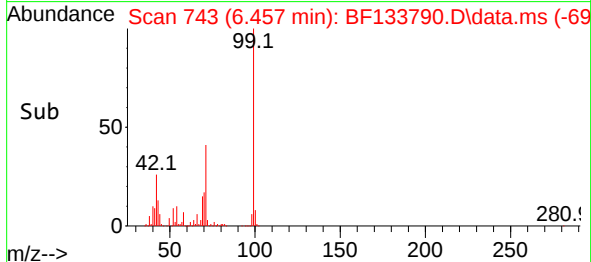
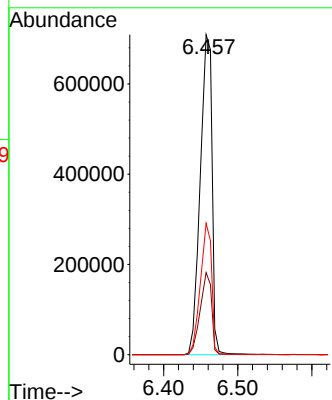
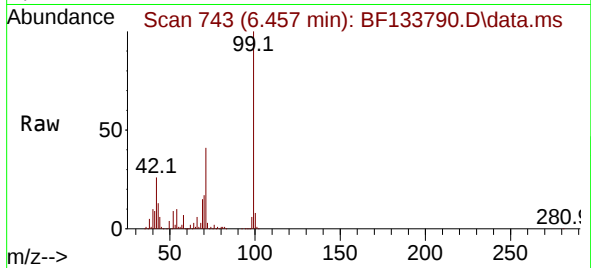


#7
Phenol-d6
Concen: 82.597 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion: 99 Resp: 785656

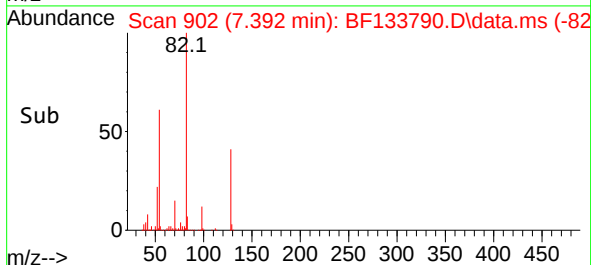
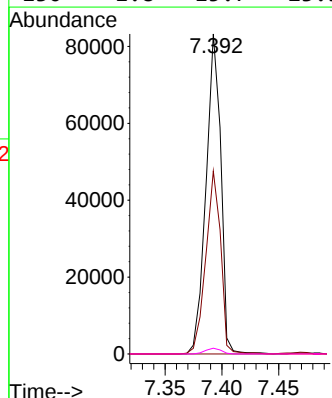
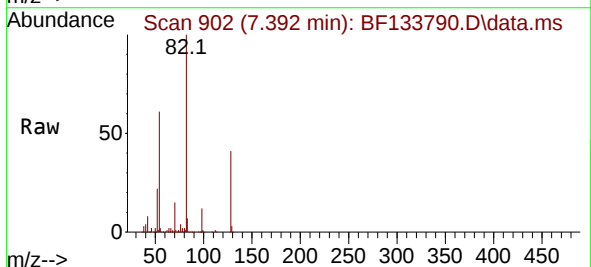
Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.9	29.9
71	41.1	32.2	48.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.445 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion: 70 Resp: 75318

Ion	Ratio	Lower	Upper
70	100		
42	57.1	55.8	83.8
101	0.0	8.1	12.1#
130	1.8	15.7	23.5#

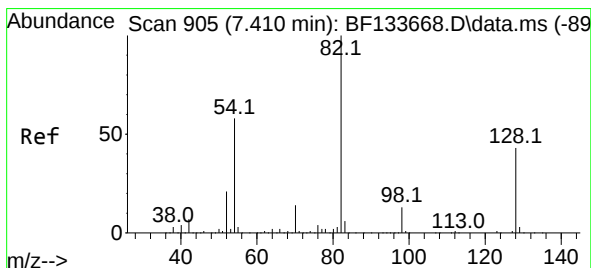
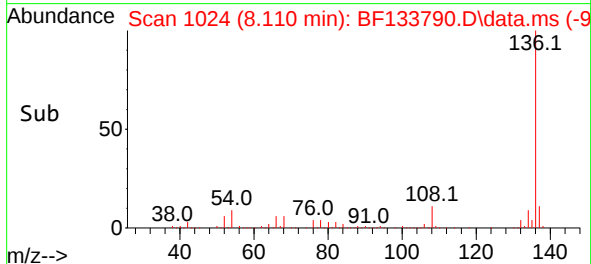
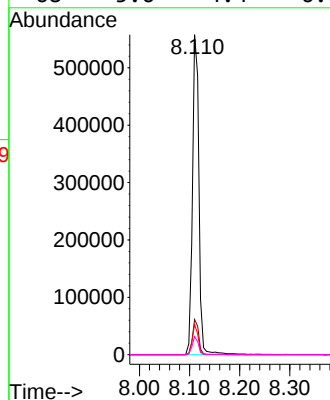
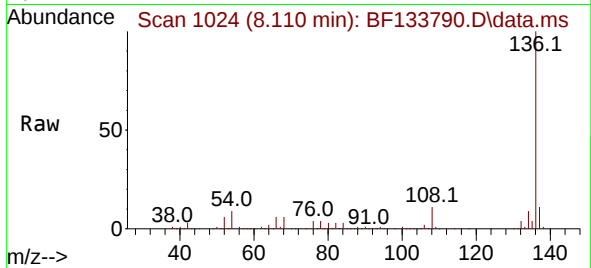




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

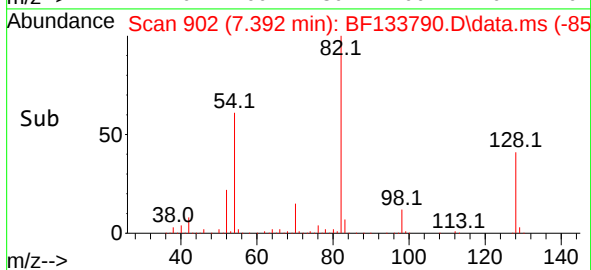
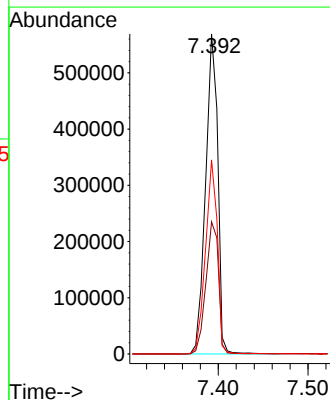
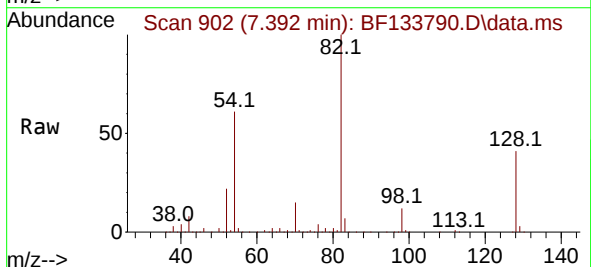
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:136 Resp: 497754
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 7.4 11.0
68 5.6 4.4 6.6



#23
Nitrobenzene-d5
Concen: 58.661 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion: 82 Resp: 536083
Ion Ratio Lower Upper
82 100
128 41.3 34.2 51.2
54 60.7 46.5 69.7

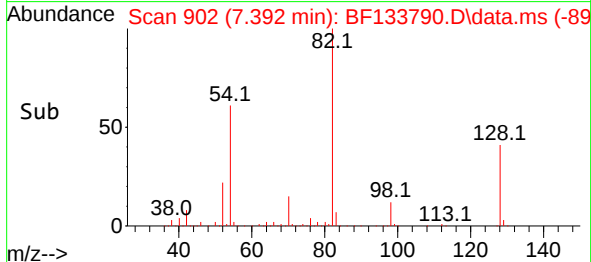
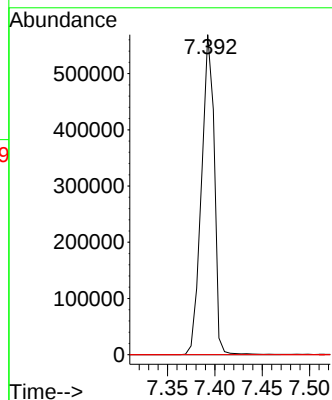
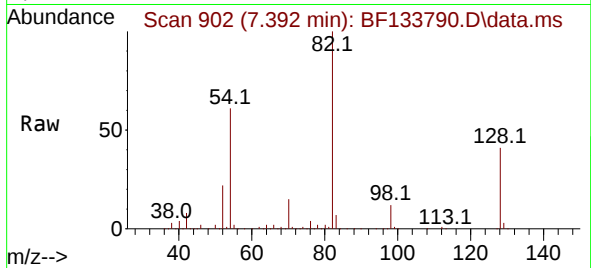




#25
Isophorone
Concen: 31.957 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

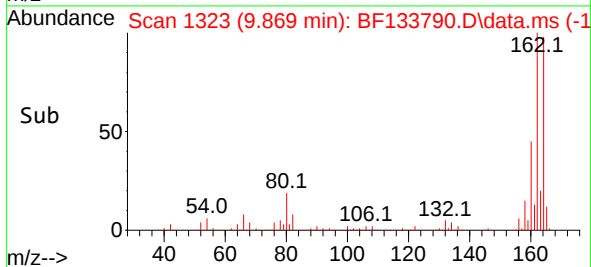
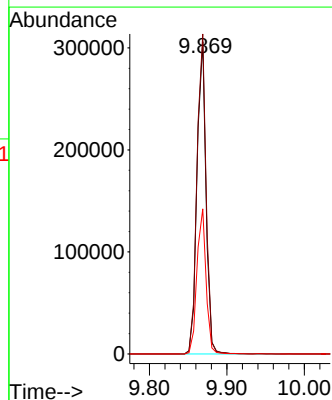
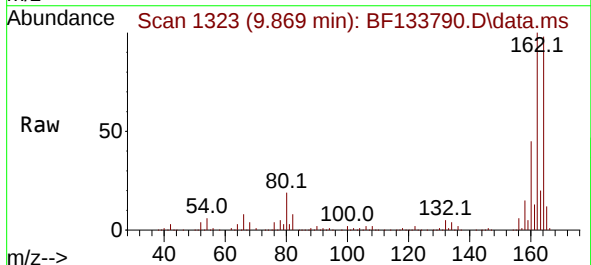
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

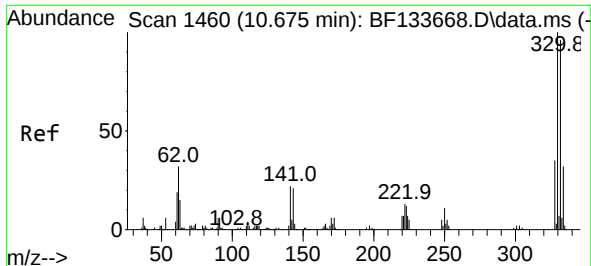
Tgt Ion: 82 Resp: 536159
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion:164 Resp: 247102
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 46.5 36.7 55.1

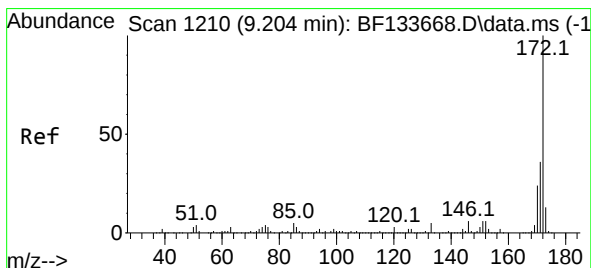
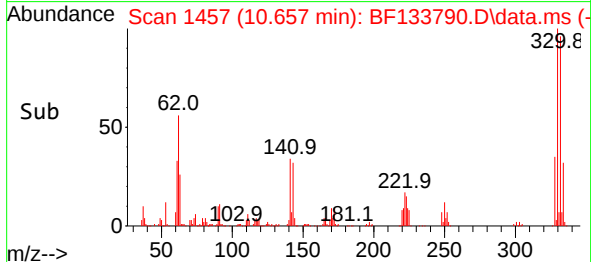
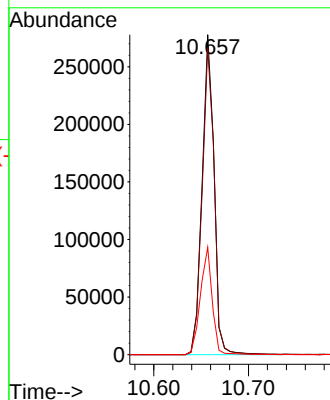
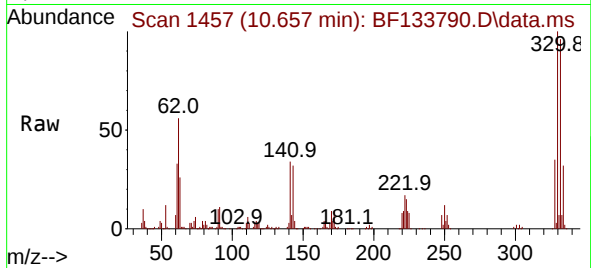




#42
2,4,6-Tribromophenol
Concen: 77.932 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

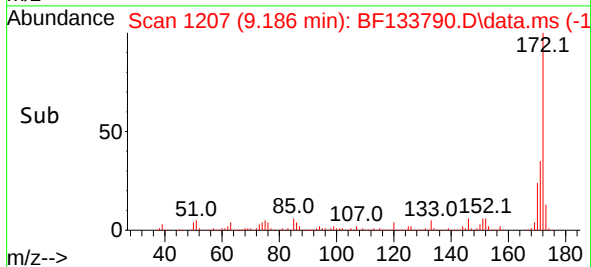
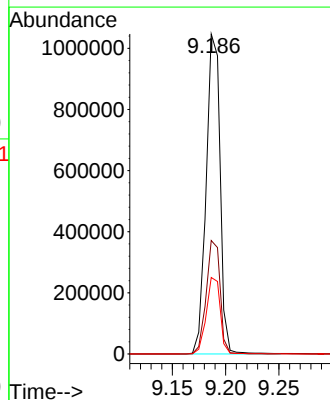
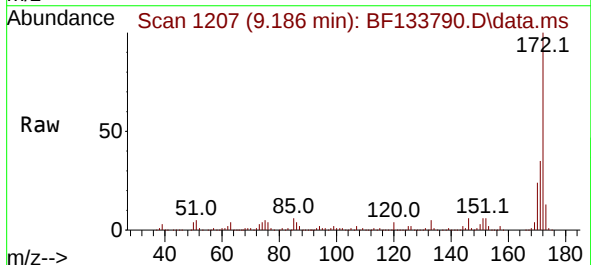
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

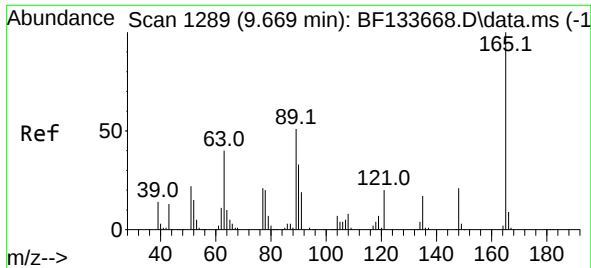
Tgt Ion: 330 Resp: 243761
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 33.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 55.153 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion: 172 Resp: 958723
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7

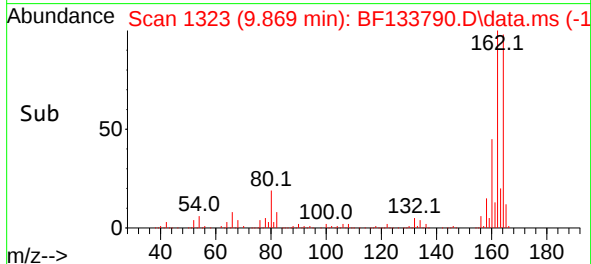
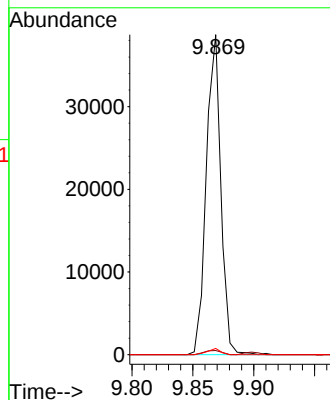
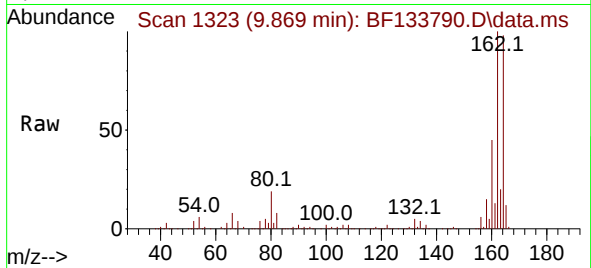




#51
2,6-Dinitrotoluene
Concen: 8.446 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

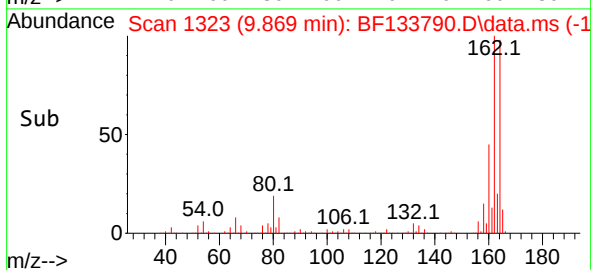
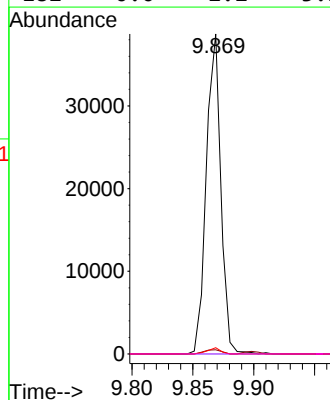
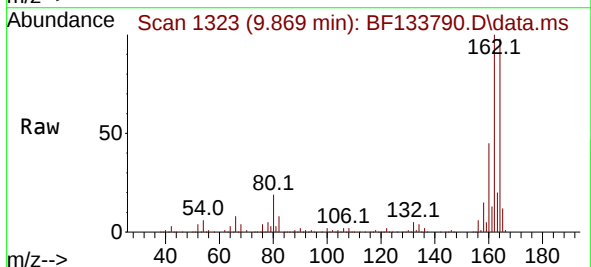
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ClientSampleId :
TP-6-GA

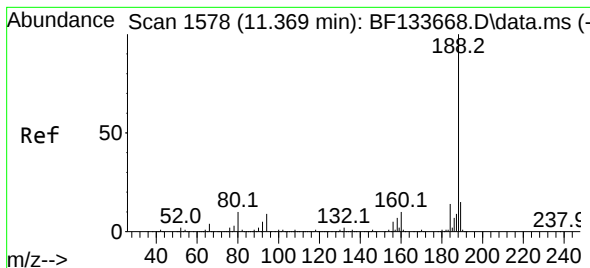
Tgt Ion:165 Resp: 32156
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 2.0 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.641 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion:165 Resp: 32156
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 2.0 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133790.D

Acq: 15 Jun 2023 23:29

Instrument :

BNA_F

ClientSampleId :

TP-6-GA

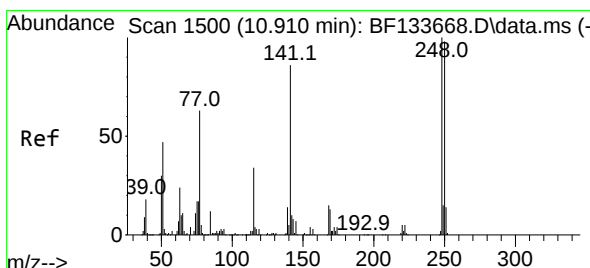
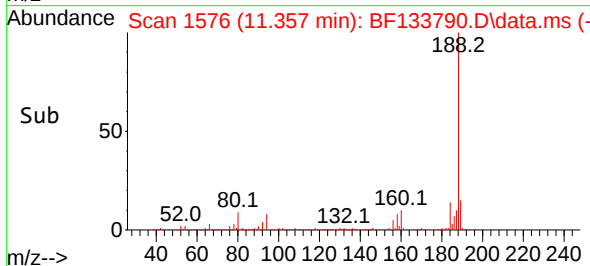
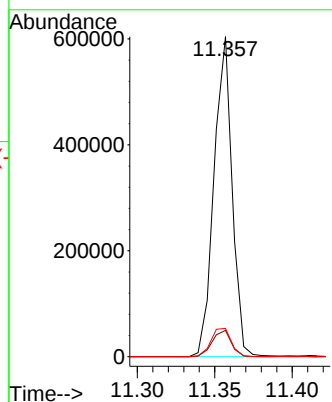
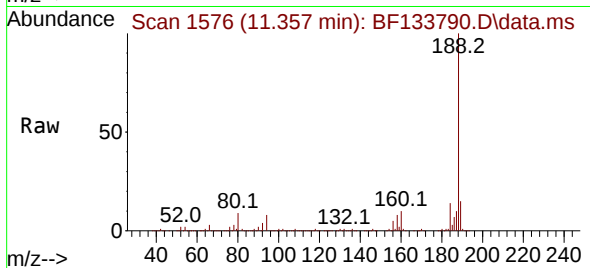
Tgt Ion:188 Resp: 491908

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.9 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 2.787 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133790.D

Acq: 15 Jun 2023 23:29

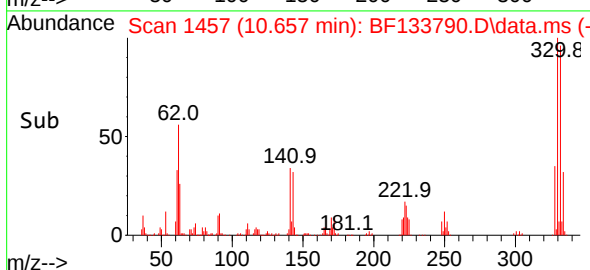
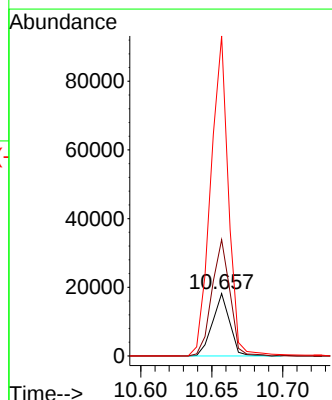
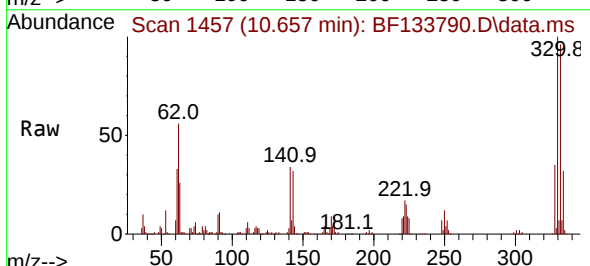
Tgt Ion:248 Resp: 15303

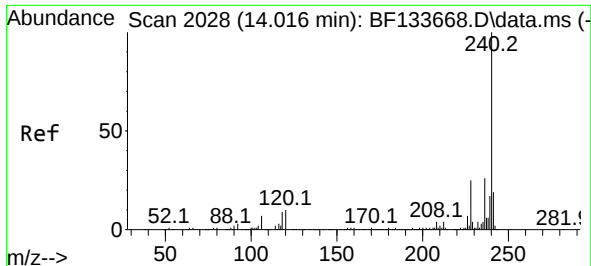
Ion Ratio Lower Upper

248 100

250 186.5 78.3 117.5#

141 513.2 69.0 103.6#

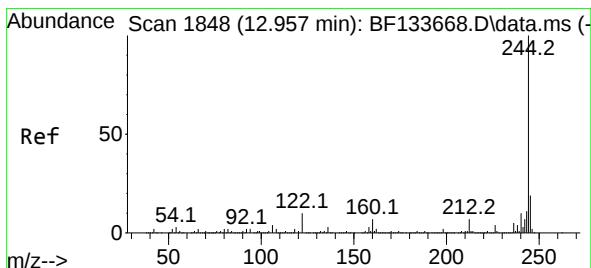
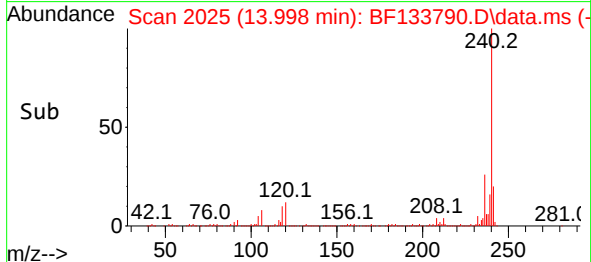
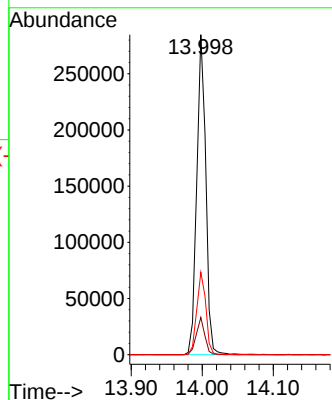
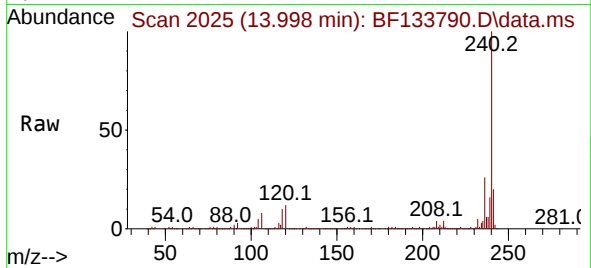




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

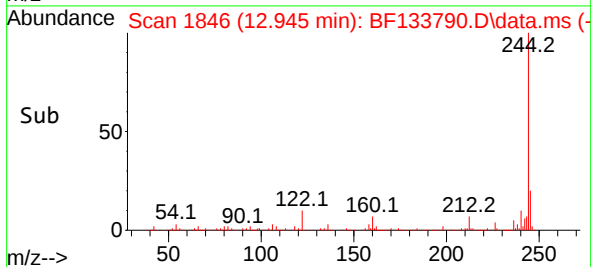
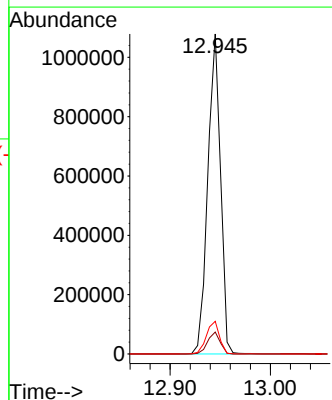
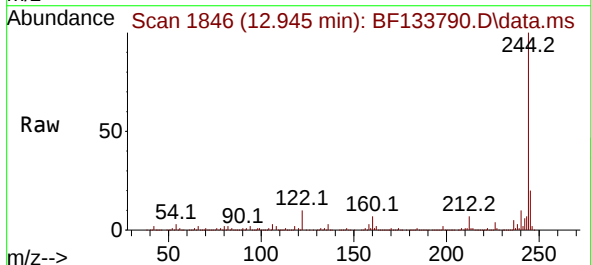
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

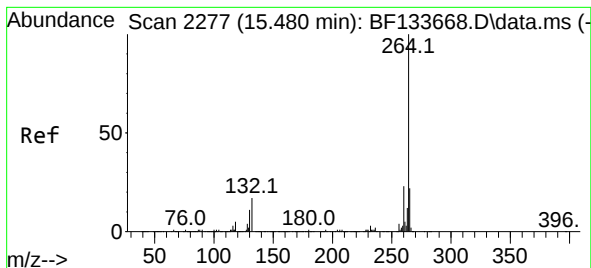
Tgt Ion:240 Resp: 253336
Ion Ratio Lower Upper
240 100
120 11.7 8.1 12.1
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 58.320 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion:244 Resp: 954839
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.2 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:264 Resp: 215103

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.0	17.8	26.6

