

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133808.D
 Acq On : 16 Jun 2023 15:53
 Operator : CG\JU
 Sample : 03140-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 16 16:21:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

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

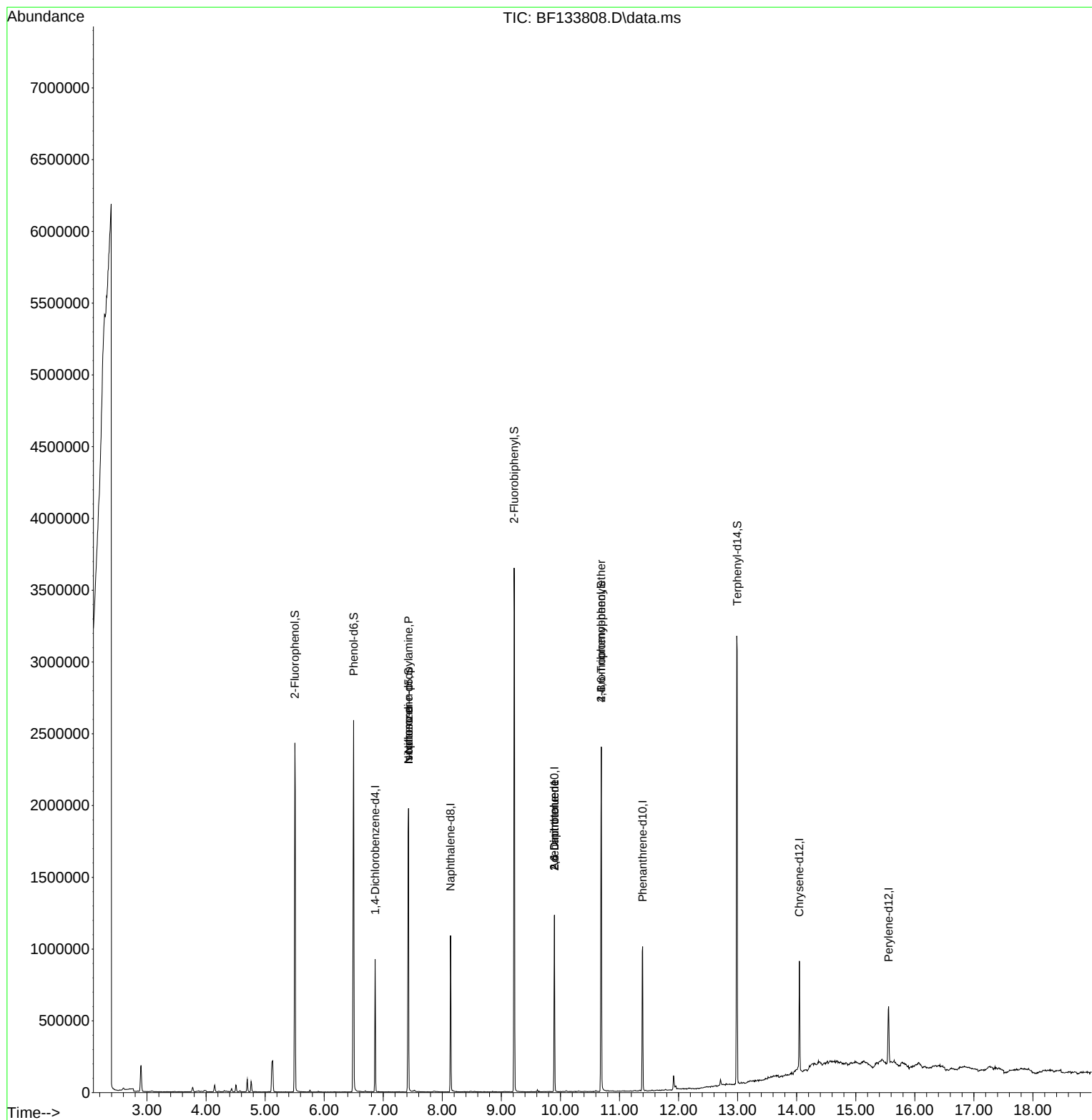
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	119471	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	440998	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	218709	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	387515	20.000	ng	0.00
76) Chrysene-d12	14.045	240	237180	20.000	ng	0.00
86) Perylene-d12	15.557	264	202104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	647129	94.298	ng	0.01
7) Phenol-d6	6.498	99	812435	90.950	ng	0.00
23) Nitrobenzene-d5	7.428	82	617341	76.246	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	274784	99.255	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1118402	72.691	ng	0.00
79) Terphenyl-d14	12.992	244	1169205	76.278	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	86147	15.157	ng	# 77
25) Isophorone	7.428	82	617330	41.530	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	27892	8.278	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	27892	6.509	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	17319	4.004	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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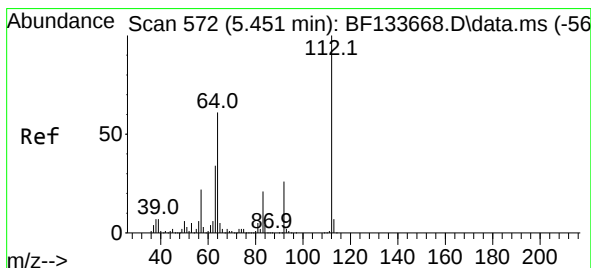
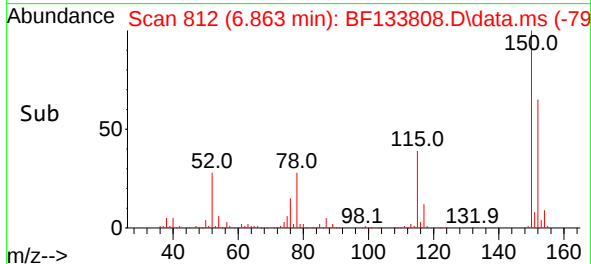
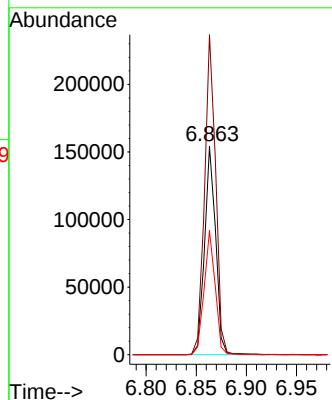
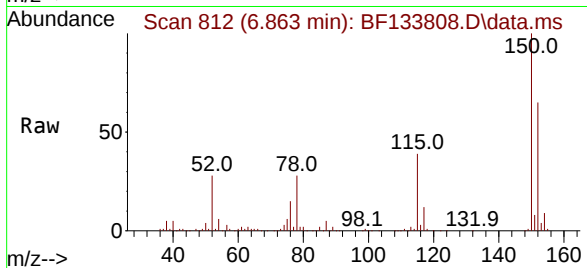




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

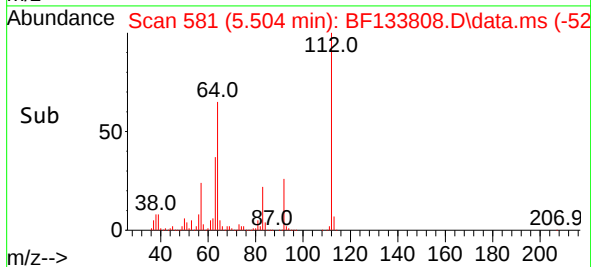
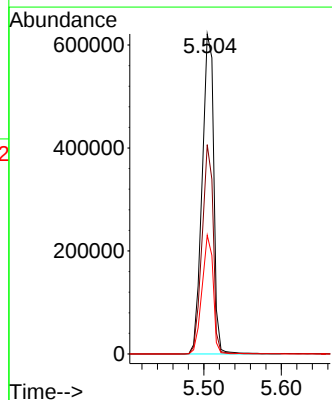
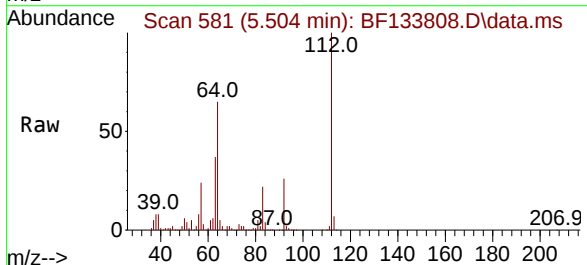
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

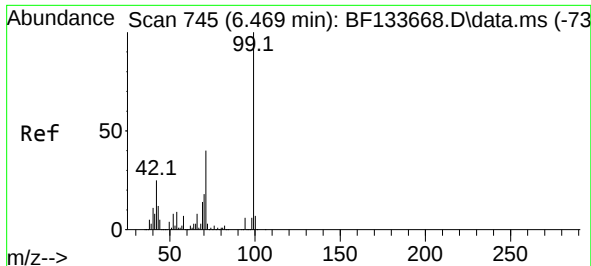
Tgt Ion:152 Resp: 119471
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 59.6 48.5 72.7



#5
2-Fluorophenol
Concen: 94.298 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion:112 Resp: 647129
Ion Ratio Lower Upper
112 100
64 65.4 49.0 73.4
63 37.1 26.8 40.2

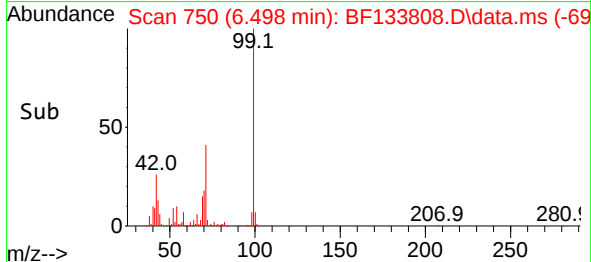
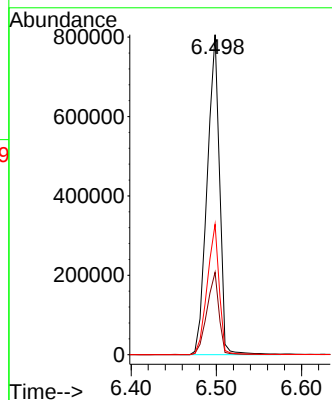
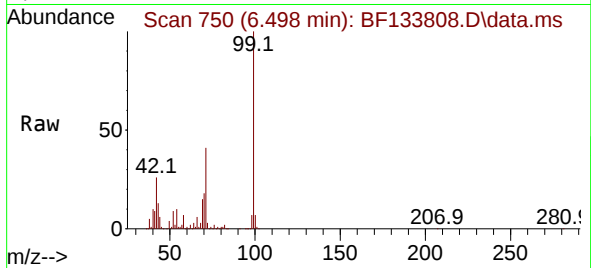




#7
Phenol-d6
Concen: 90.950 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

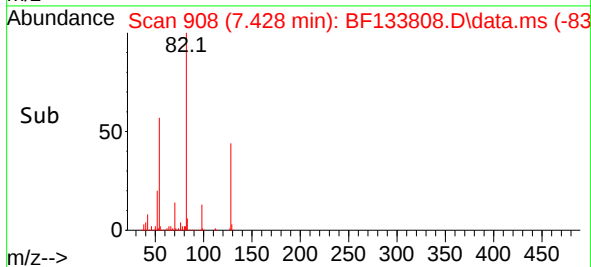
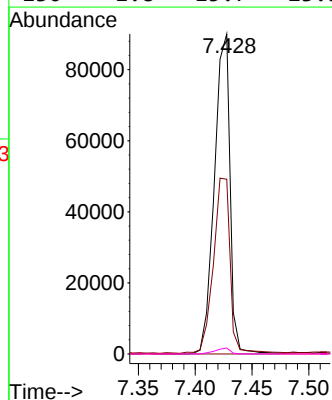
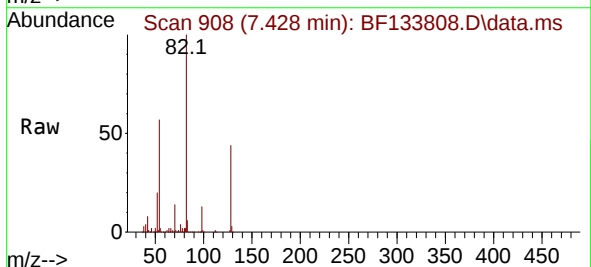
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion: 99 Resp: 812435
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 40.7 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.157 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.153 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion: 70 Resp: 86147
Ion Ratio Lower Upper
70 100
42 54.6 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#



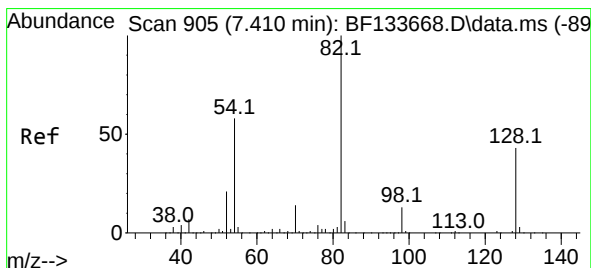
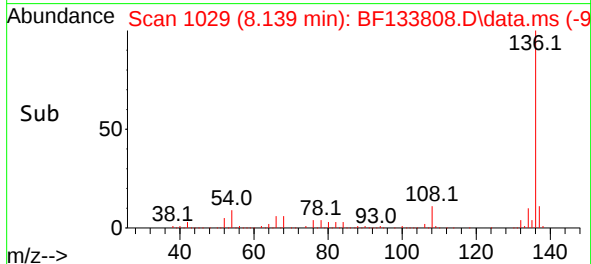
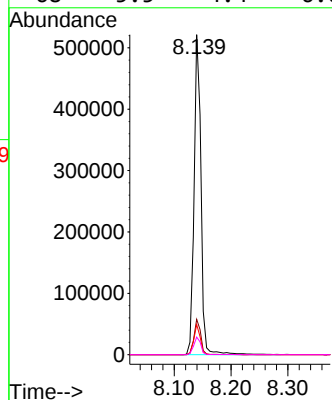
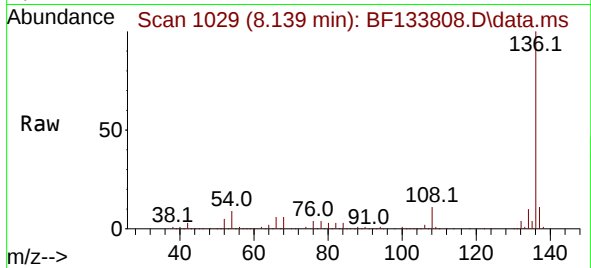


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:136 Resp: 440998

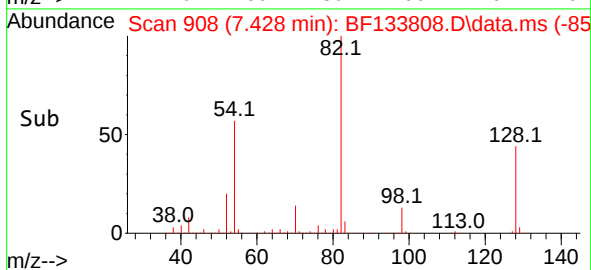
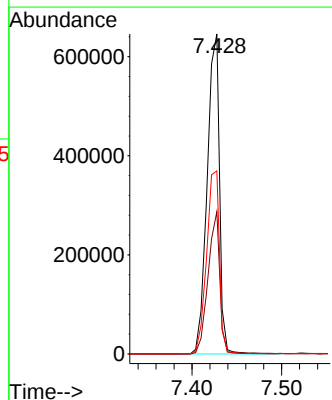
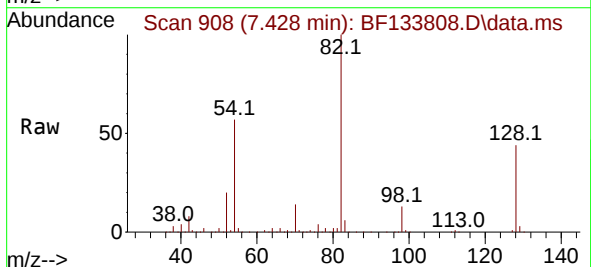
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.4	7.4	11.0
68	5.5	4.4	6.6



#23
Nitrobenzene-d5
Concen: 76.246 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion: 82 Resp: 617341

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	57.2	46.5	69.7

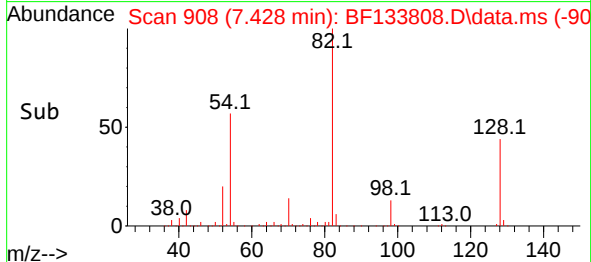
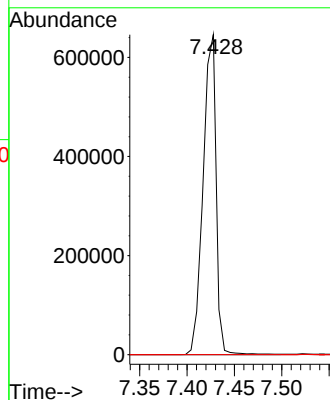
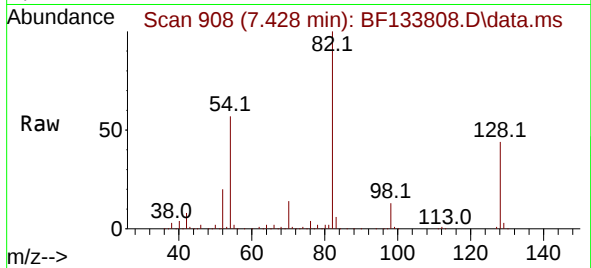




#25
Isophorone
Concen: 41.530 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

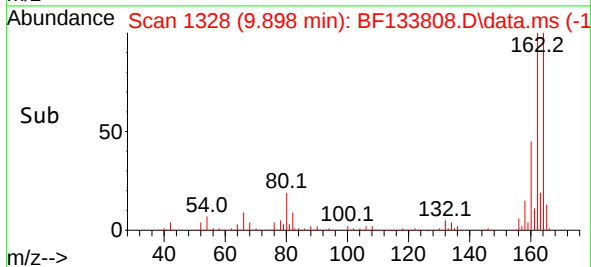
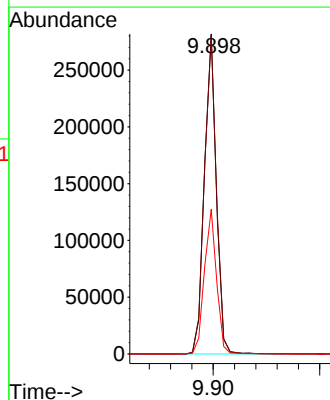
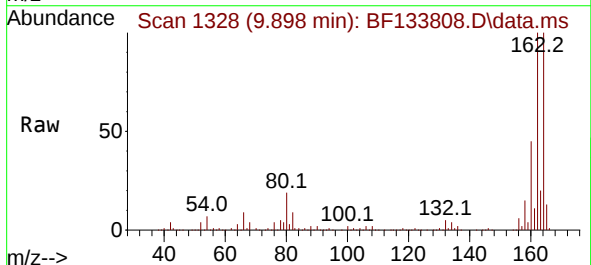
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

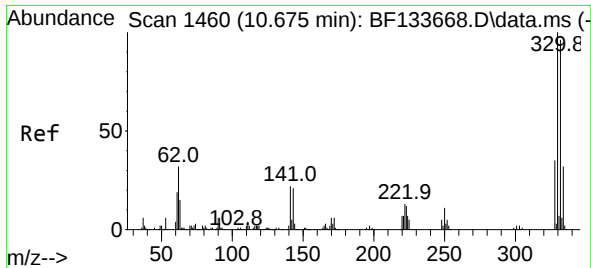
Tgt Ion: 82 Resp: 617330
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion:164 Resp: 218709
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 45.2 36.7 55.1

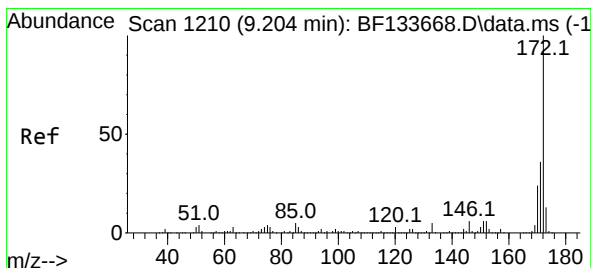
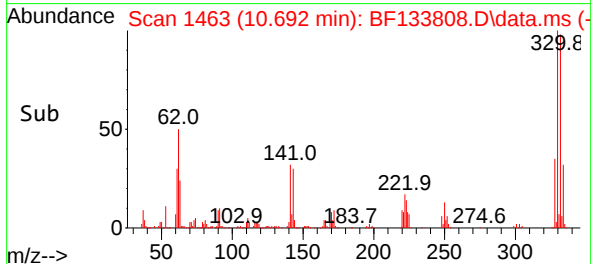
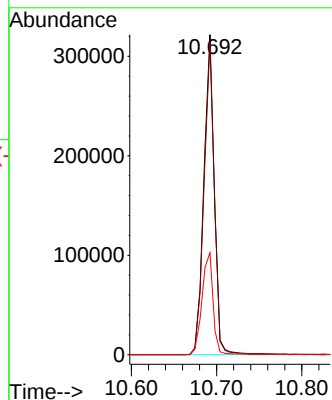
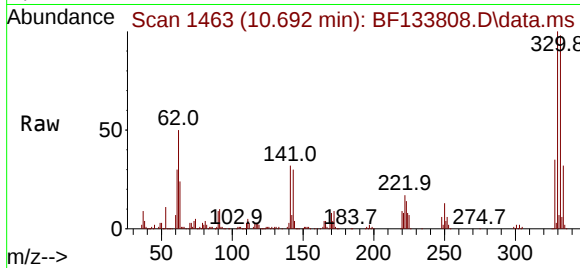




#42
 2,4,6-Tribromophenol
 Concen: 99.255 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. 0.000 min
 Lab File: BF133808.D
 Acq: 16 Jun 2023 15:53

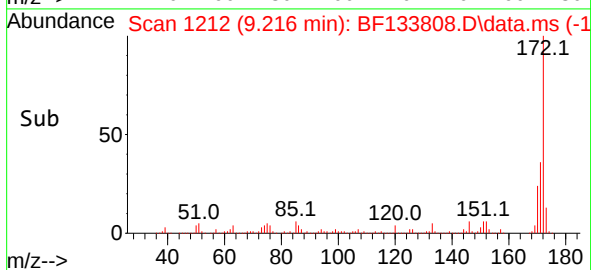
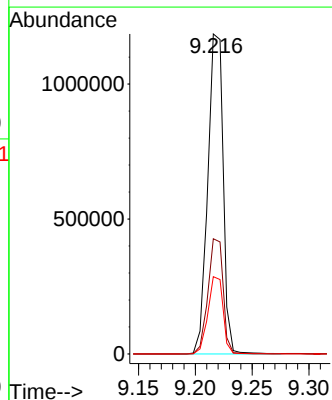
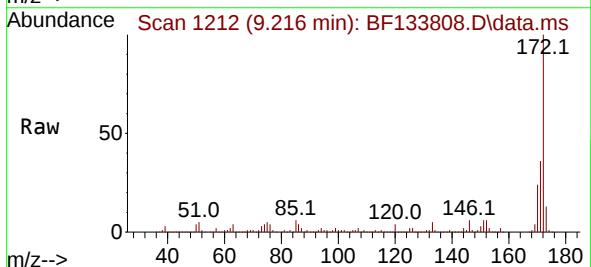
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 ClientSampleId :
 TP-6-GA

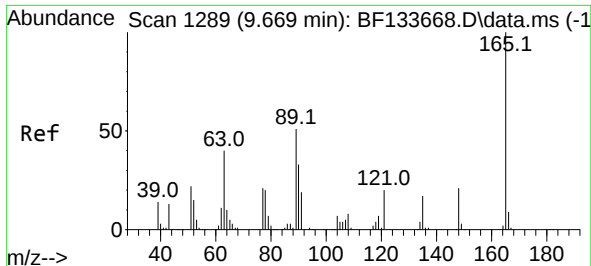
Tgt Ion: 330 Resp: 274784
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 33.9 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 72.691 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF133808.D
 Acq: 16 Jun 2023 15:53

Tgt Ion: 172 Resp: 1118402
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.1 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.278 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF133808.D

Acq: 16 Jun 2023 15:53

Instrument :

BNA_F

ClientSampleId :

TP-6-GA

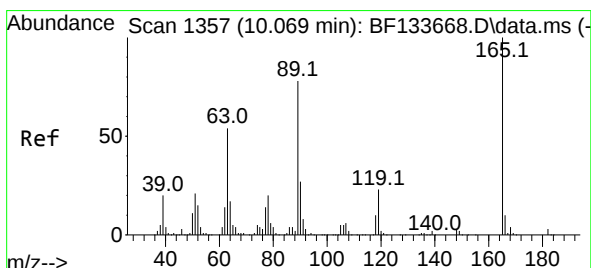
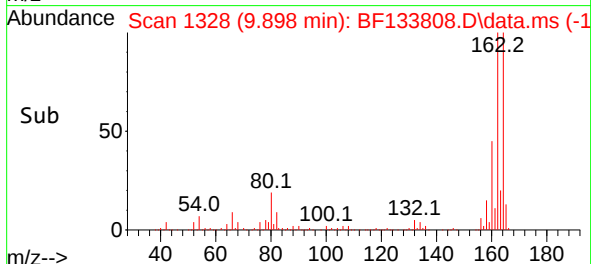
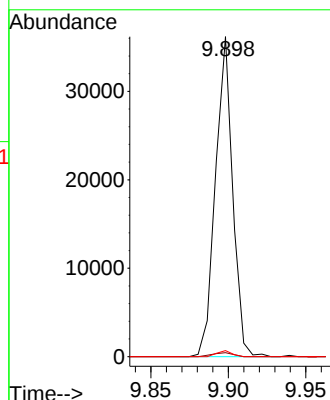
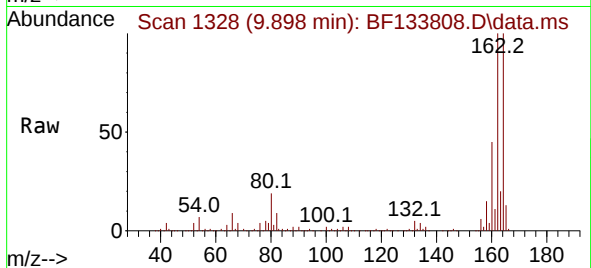
Tgt Ion:165 Resp: 27892

Ion Ratio Lower Upper

165 100

63 1.2 42.1 63.1#

89 1.9 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.509 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF133808.D

Acq: 16 Jun 2023 15:53

Tgt Ion:165 Resp: 27892

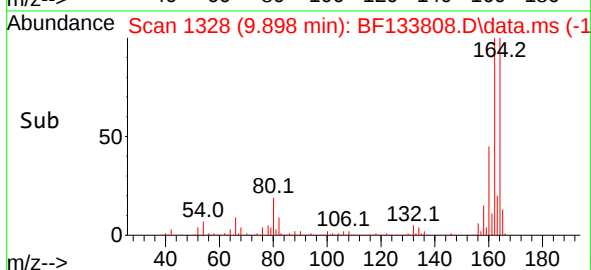
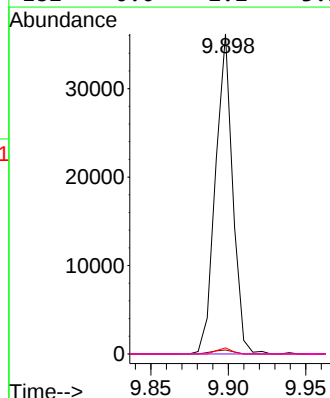
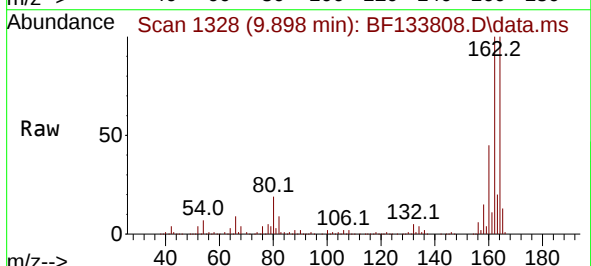
Ion Ratio Lower Upper

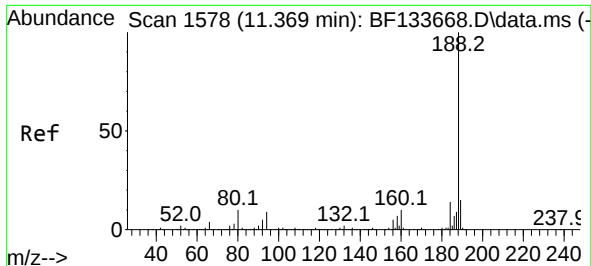
165 100

63 1.2 43.0 64.6#

89 1.9 62.6 93.8#

182 0.0 2.2 3.2#

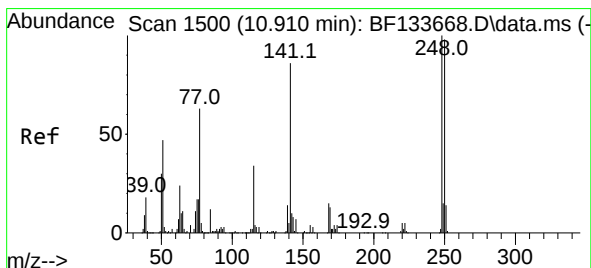
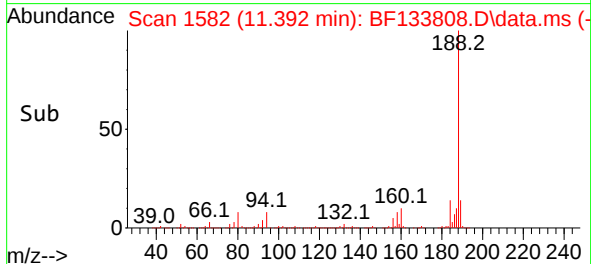
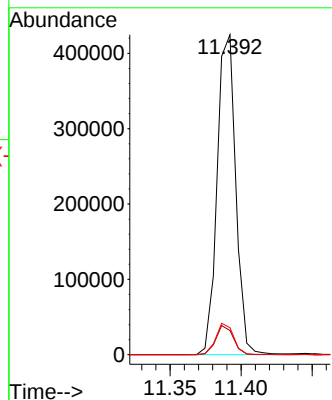
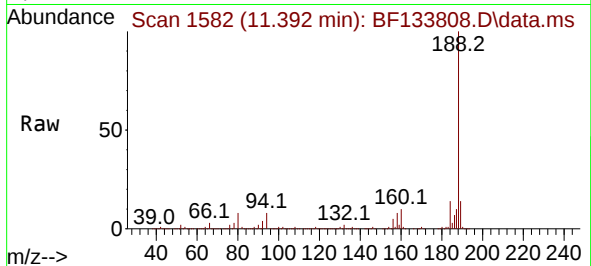




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

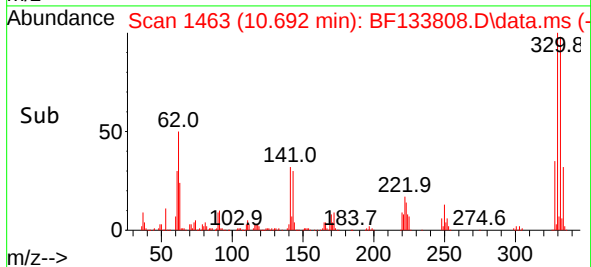
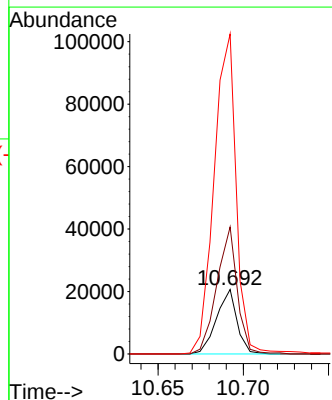
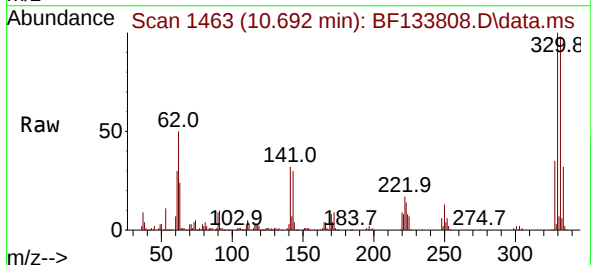
Instrument :
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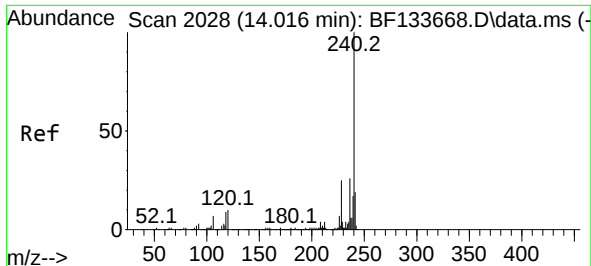
Tgt Ion:188 Resp: 387515
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.4 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.004 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion:248 Resp: 17319
Ion Ratio Lower Upper
248 100
250 196.7 78.3 117.5#
141 495.7 69.0 103.6#

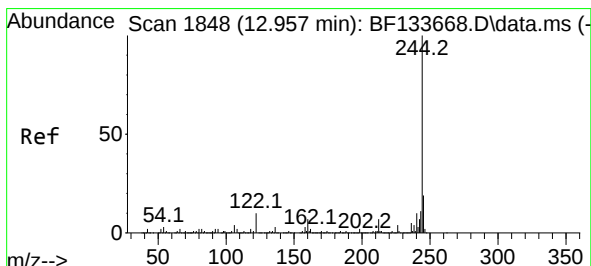
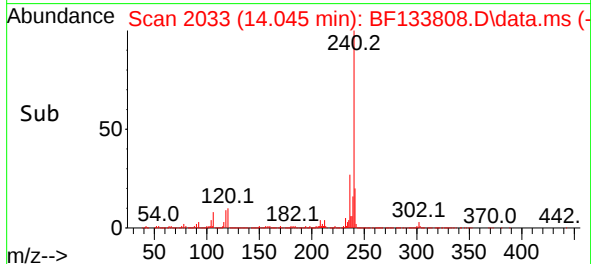
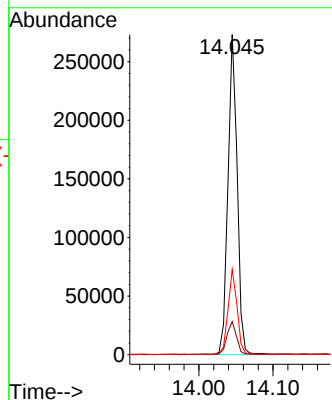
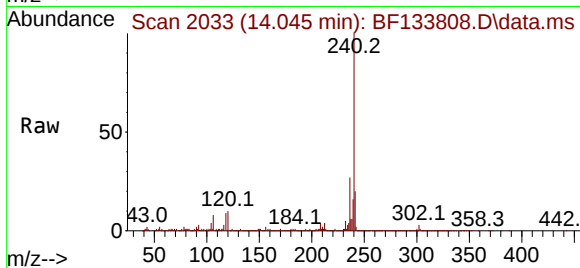




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

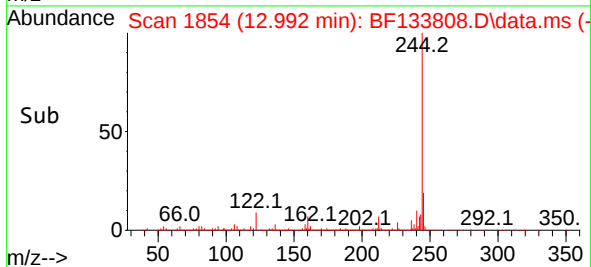
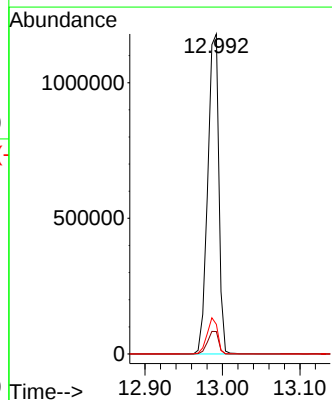
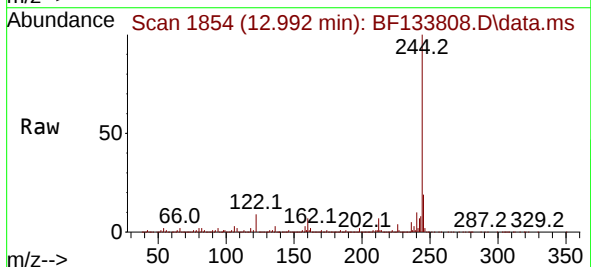
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

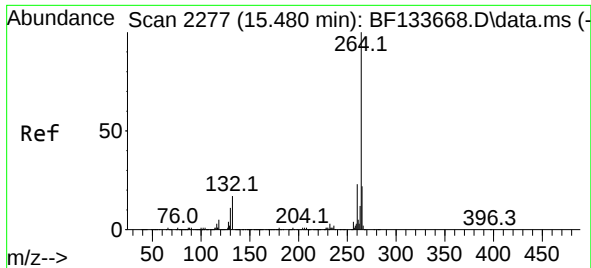
Tgt Ion:240 Resp: 237180
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.6 20.5 30.7



#79
Terphenyl-d14
Concen: 76.278 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Tgt Ion:244 Resp: 1169205
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.2 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133808.D
Acq: 16 Jun 2023 15:53

Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:264 Resp: 202104

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.9	17.8	26.6

