

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133749.D
 Acq On : 14 Jun 2023 13:10
 Operator : CG\JU
 Sample : PB153411BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153411BL

Quant Time: Jun 14 13:30:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

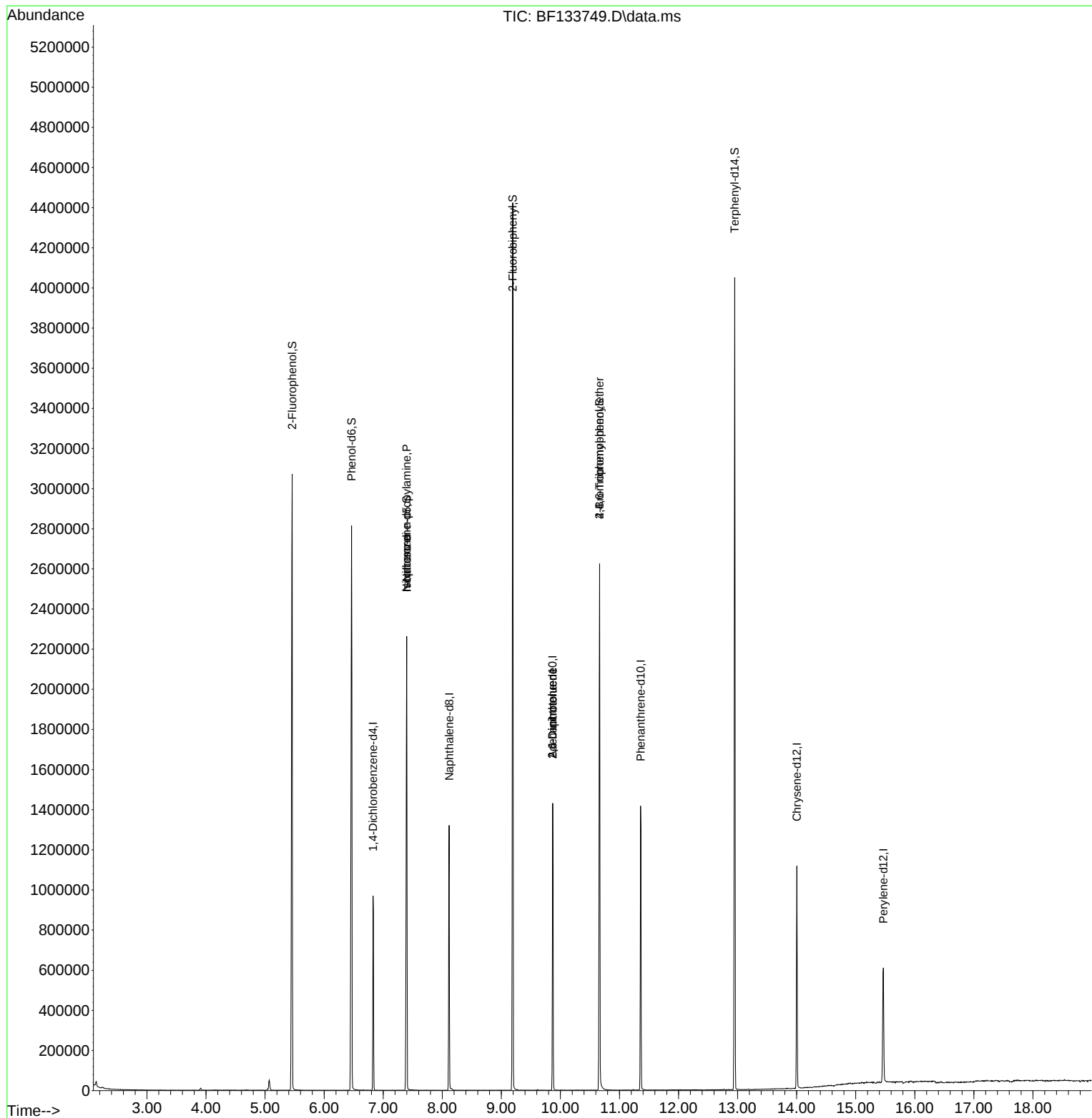
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	137070	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	539379	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	274633	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	529896	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	348758	20.000	ng	-0.01
86) Perylene-d12	15.468	264	277543	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	826237	104.939	ng	0.01
7) Phenol-d6	6.463	99	1007812	98.336	ng	0.00
23) Nitrobenzene-d5	7.398	82	675789	68.241	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	322131	92.663	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1243301	64.354	ng	0.00
79) Terphenyl-d14	12.951	244	1427536	63.336	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	96196	14.752	ng	# 77
25) Isophorone	7.398	82	675776	37.170	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	35316	8.347	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	35316	6.563	ng	# 20
67) 4-Bromophenyl-phenylether	10.663	248	20180	3.412	ng	# 1

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

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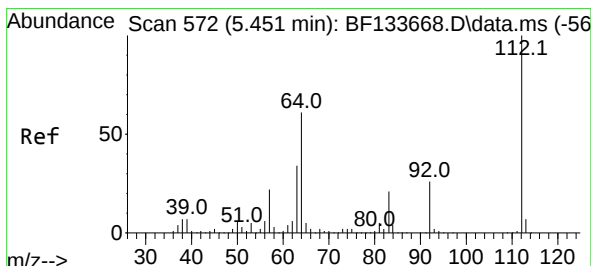
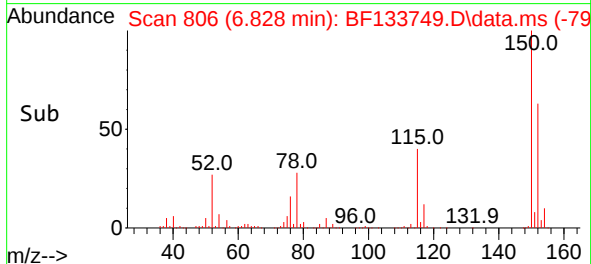
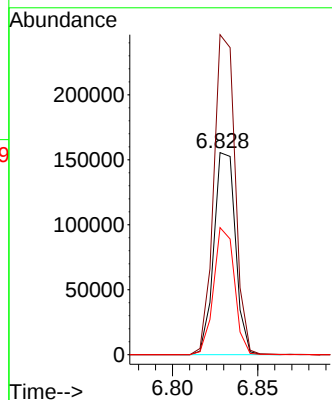
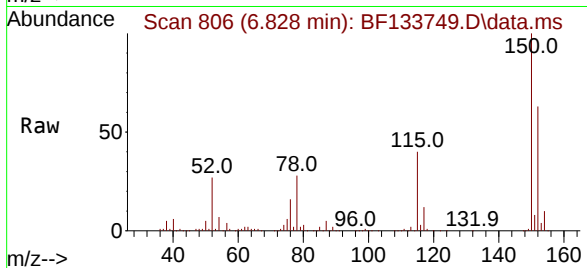




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

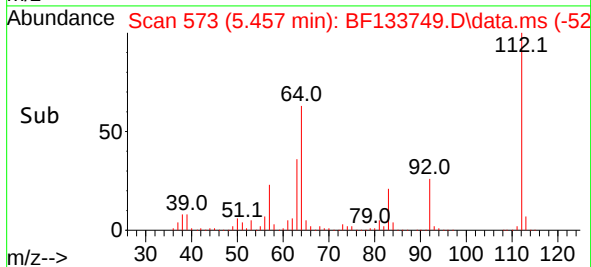
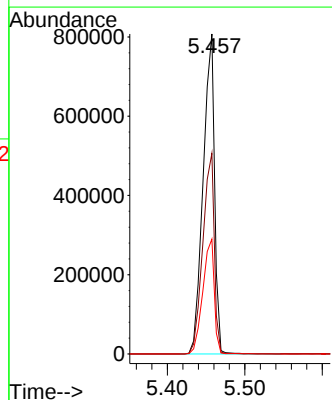
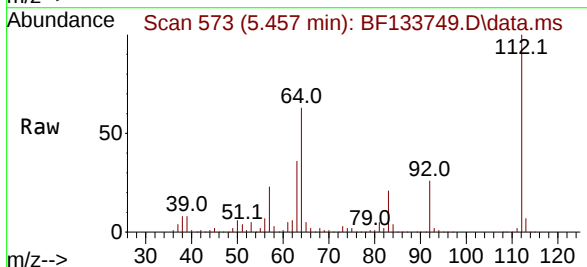
Instrument :
BNA_F
ClientSampleId :
PB153411BL

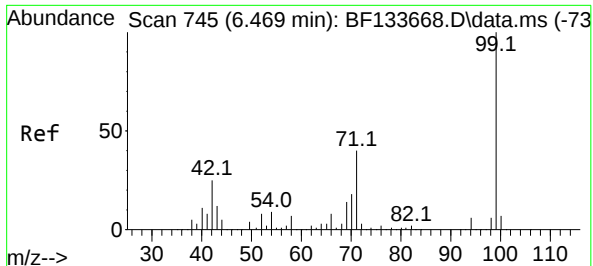
Tgt Ion:152 Resp: 137070
Ion Ratio Lower Upper
152 100
150 158.3 124.3 186.5
115 62.9 48.5 72.7



#5
2-Fluorophenol
Concen: 104.939 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

Tgt Ion:112 Resp: 826237
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 35.9 26.8 40.2

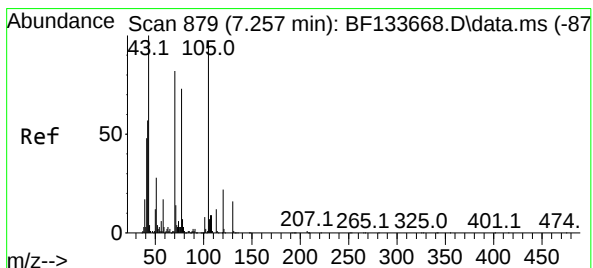
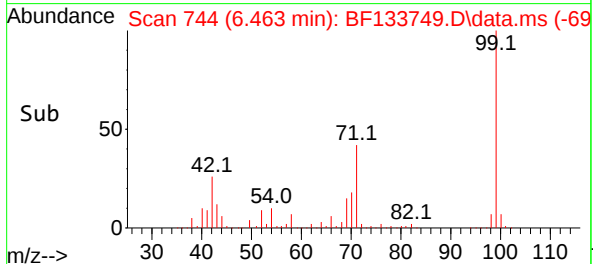
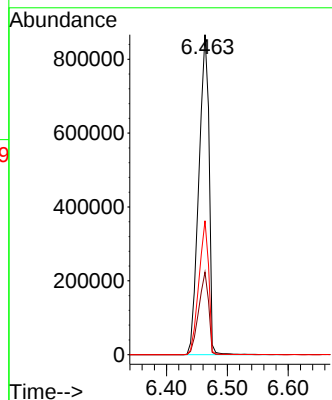
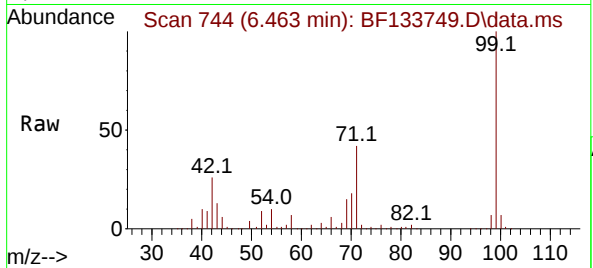




#7
Phenol-d6
Concen: 98.336 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

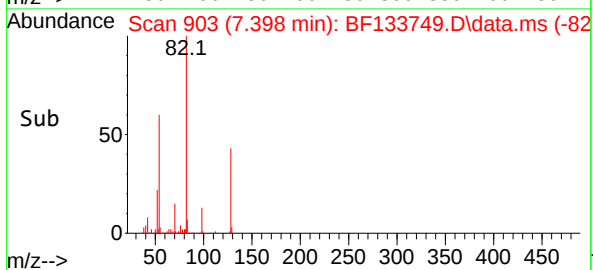
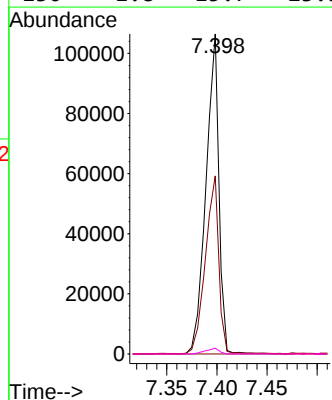
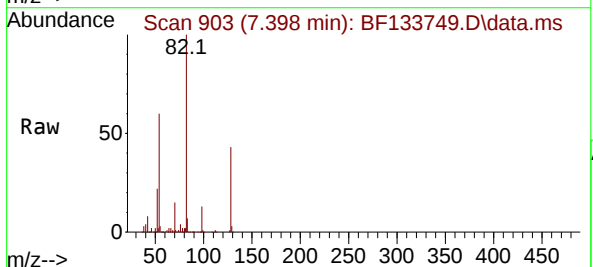
Instrument :
BNA_F
ClientSampleId :
PB153411BL

Tgt Ion: 99 Resp: 1007812
Ion Ratio Lower Upper
99 100
42 25.8 19.9 29.9
71 41.8 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.752 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

Tgt Ion: 70 Resp: 96196
Ion Ratio Lower Upper
70 100
42 55.7 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

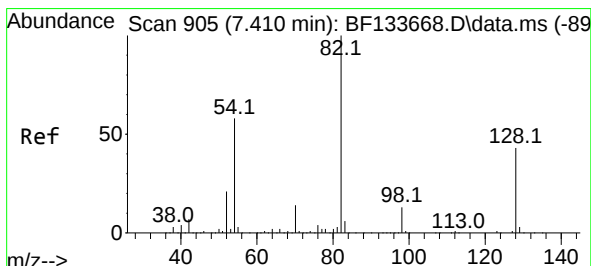
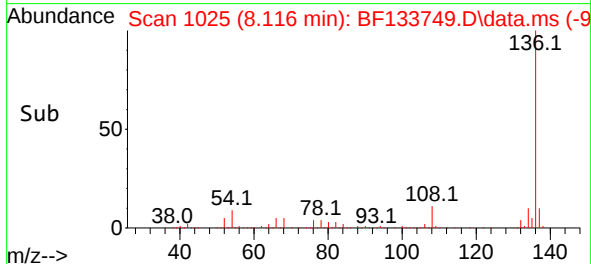
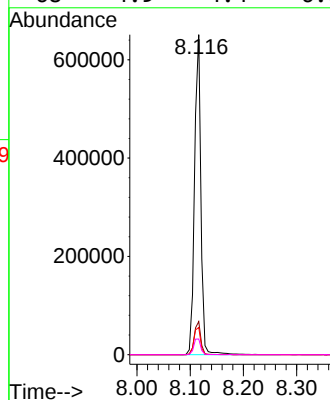
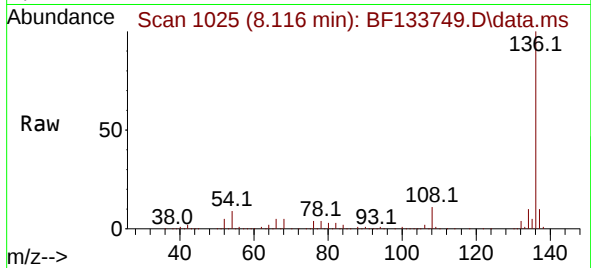




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

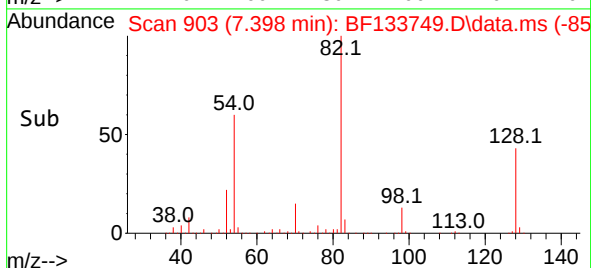
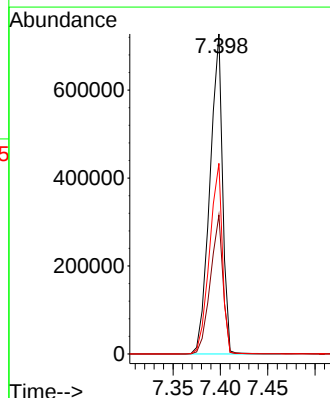
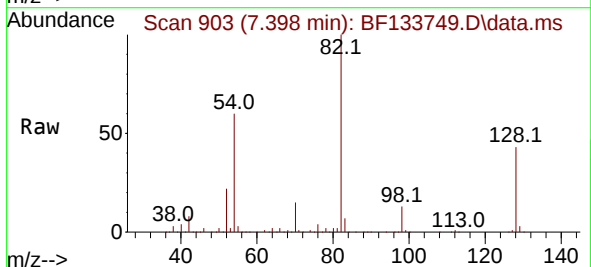
Instrument :
BNA_F
ClientSampleId :
PB153411BL

Tgt Ion:136 Resp: 539379
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.5 7.4 11.0
68 4.9 4.4 6.6



#23
Nitrobenzene-d5
Concen: 68.241 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

Tgt Ion: 82 Resp: 675789
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.2
54 59.6 46.5 69.7

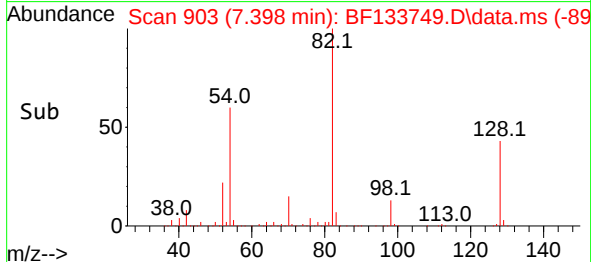
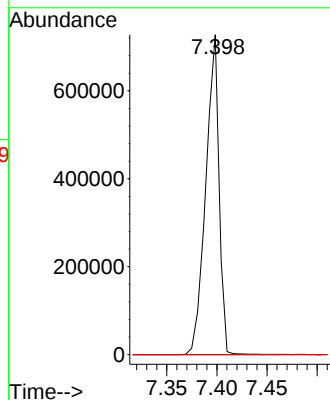
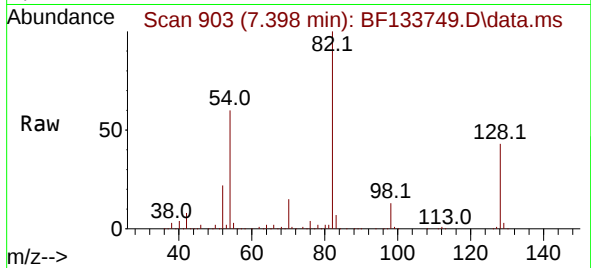




#25
Isophorone
Concen: 37.170 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

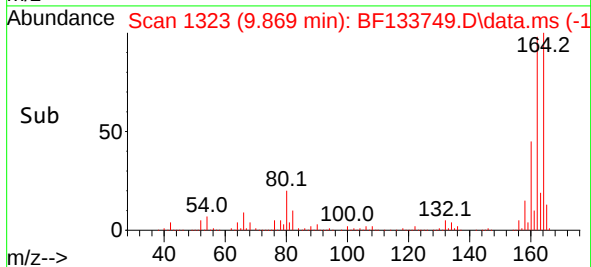
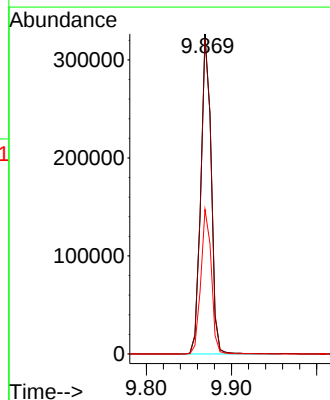
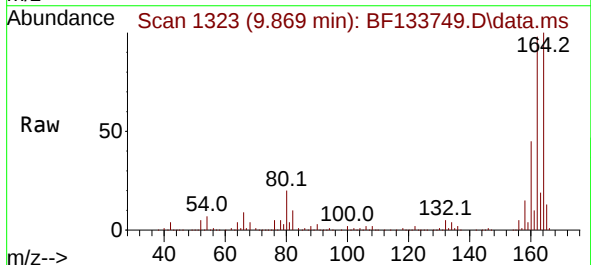
Instrument :
BNA_F
ClientSampleId :
PB153411BL

Tgt Ion: 82 Resp: 675776
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. -0.012 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

Tgt Ion:164 Resp: 274633
Ion Ratio Lower Upper
164 100
162 98.5 80.8 121.2
160 45.2 36.7 55.1

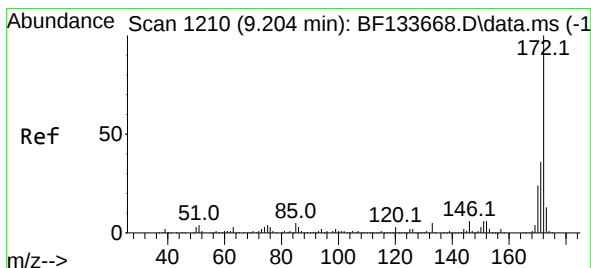
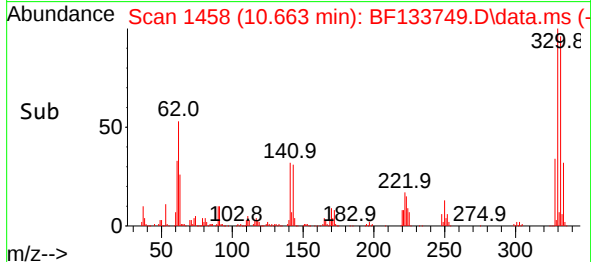
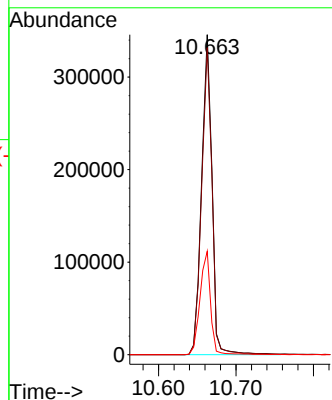
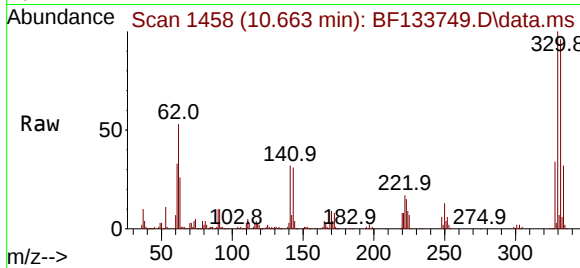




#42
2,4,6-Tribromophenol
Concen: 92.663 ng
RT: 10.663 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

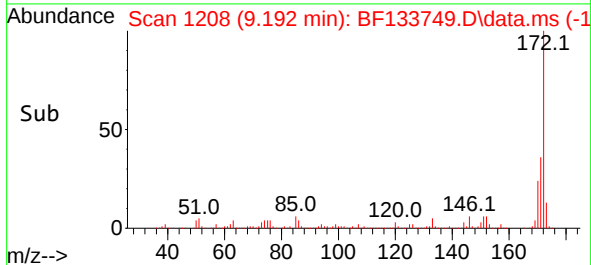
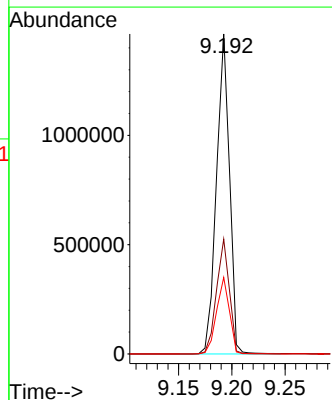
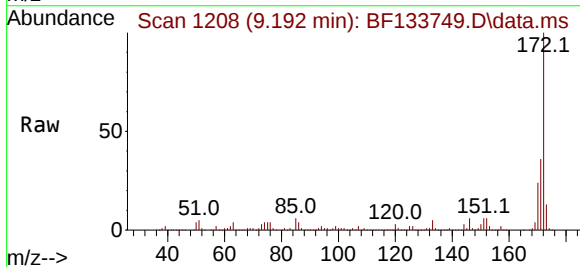
Instrument :
BNA_F
ClientSampleId :
PB153411BL

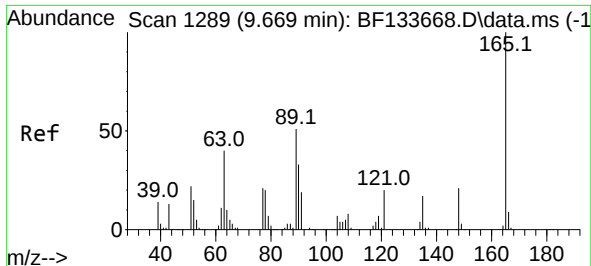
Tgt Ion:330 Resp: 322131
Ion Ratio Lower Upper
330 100
332 96.4 77.2 115.8
141 33.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 64.354 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

Tgt Ion:172 Resp: 1243301
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7

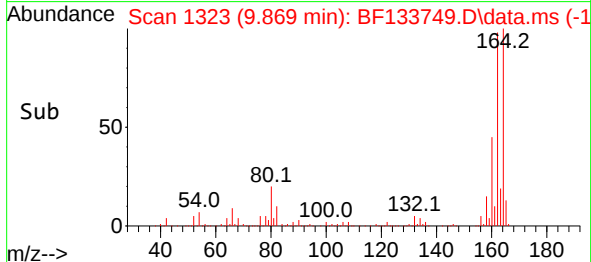
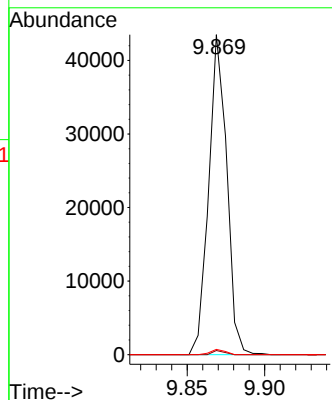
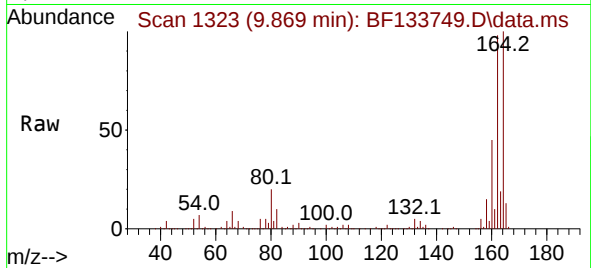




#51
2,6-Dinitrotoluene
Concen: 8.347 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

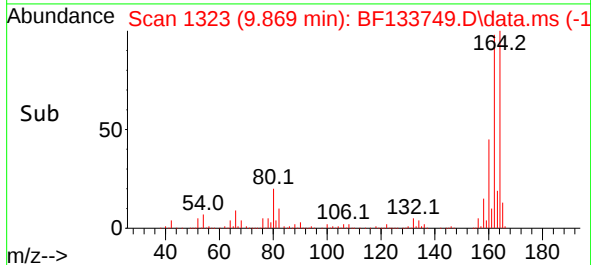
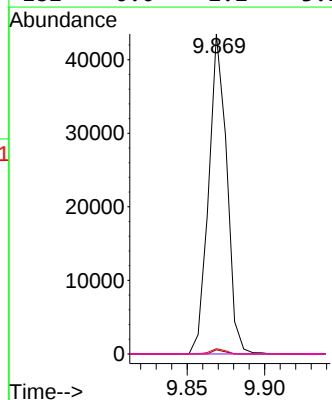
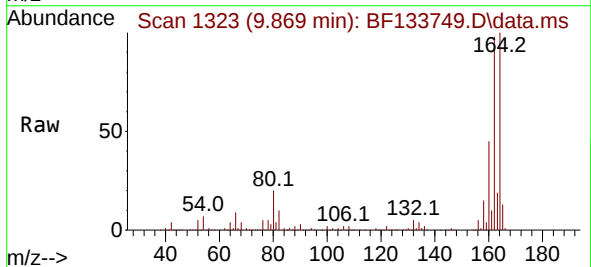
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ClientSampleId :
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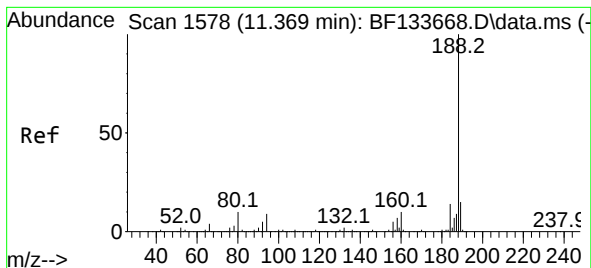
Tgt Ion:165 Resp: 35316
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.7 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.563 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.200 min
Lab File: BF133749.D
Acq: 14 Jun 2023 13:10

Tgt Ion:165 Resp: 35316
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.7 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. -0.012 min

Lab File: BF133749.D

Acq: 14 Jun 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB153411BL

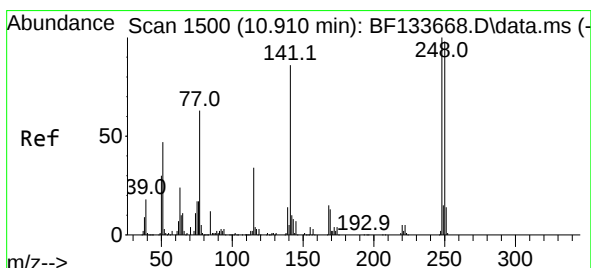
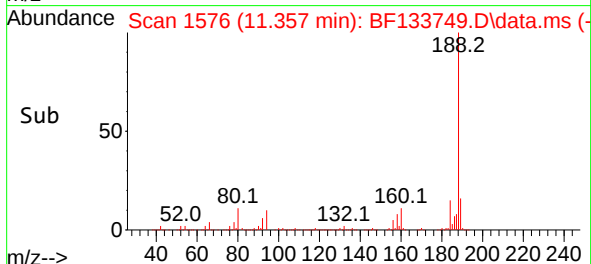
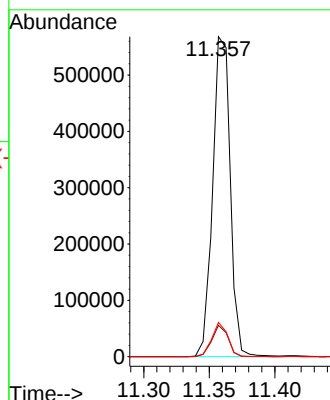
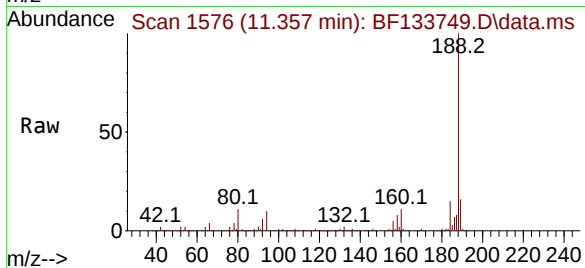
Tgt Ion:188 Resp: 529896

Ion Ratio Lower Upper

188 100

94 9.8 6.8 10.2

80 10.7 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 3.412 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.247 min

Lab File: BF133749.D

Acq: 14 Jun 2023 13:10

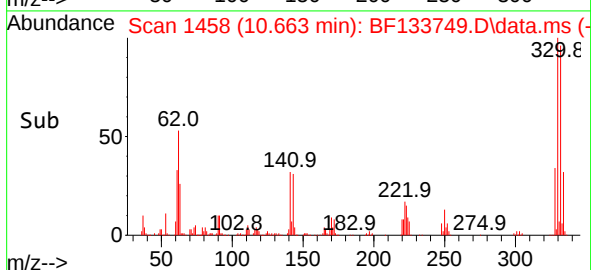
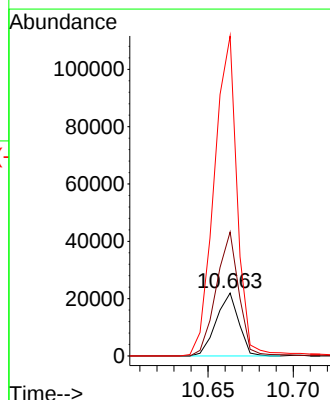
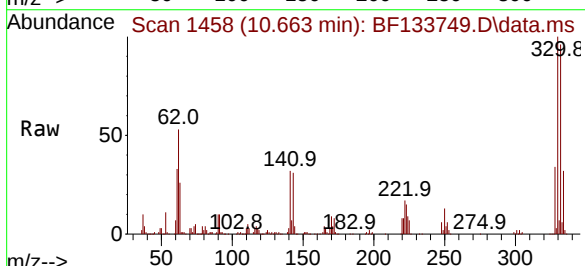
Tgt Ion:248 Resp: 20180

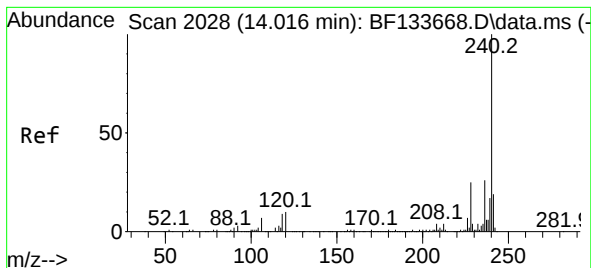
Ion Ratio Lower Upper

248 100

250 197.2 78.3 117.5#

141 509.0 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF133749.D

Acq: 14 Jun 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB153411BL

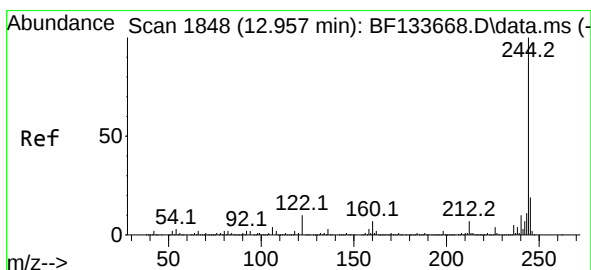
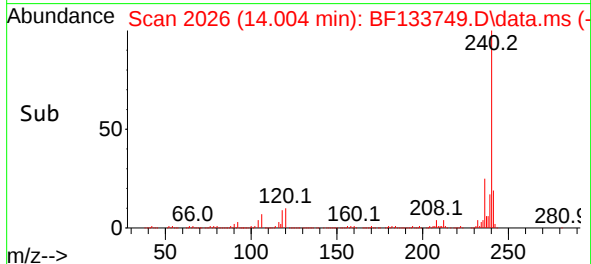
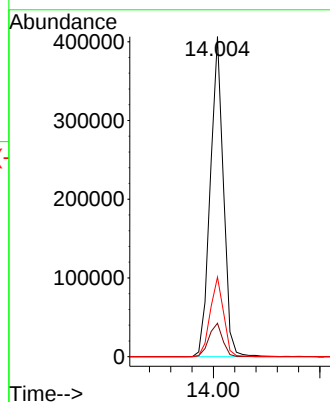
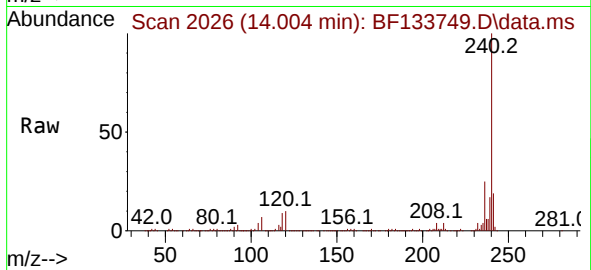
Tgt Ion:240 Resp: 348758

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 24.8 20.5 30.7



#79

Terphenyl-d14

Concen: 63.336 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF133749.D

Acq: 14 Jun 2023 13:10

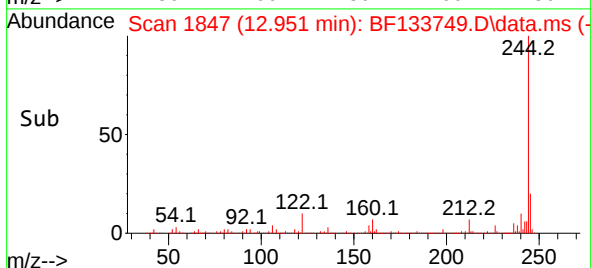
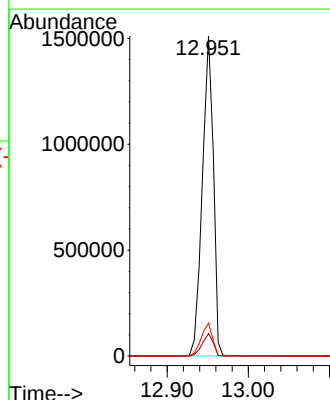
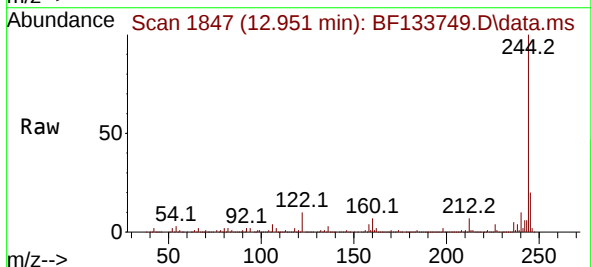
Tgt Ion:244 Resp: 1427536

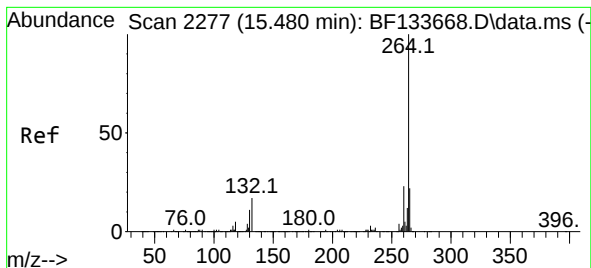
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.3 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133749.D

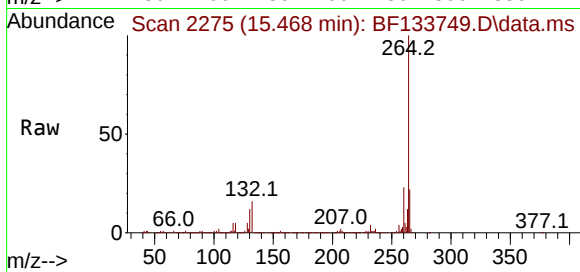
Acq: 14 Jun 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB153411BL



Tgt Ion:264 Resp: 277543

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 21.6 17.8 26.6

