

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133759.D
 Acq On : 14 Jun 2023 19:22
 Operator : CG\JU
 Sample : 03092-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Quant Time: Jun 15 01:29:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	127747	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	486352	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	241516	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	411498	20.000	ng	0.00
76) Chrysene-d12	13.998	240	263631	20.000	ng	-0.01
86) Perylene-d12	15.462	264	278399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	508187	69.254	ng	0.02
7) Phenol-d6	6.457	99	555399	58.147	ng	-0.01
23) Nitrobenzene-d5	7.392	82	449363	50.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	190382	62.274	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	899898	52.966	ng	0.00
79) Terphenyl-d14	12.945	244	762235	44.738	ng	0.00

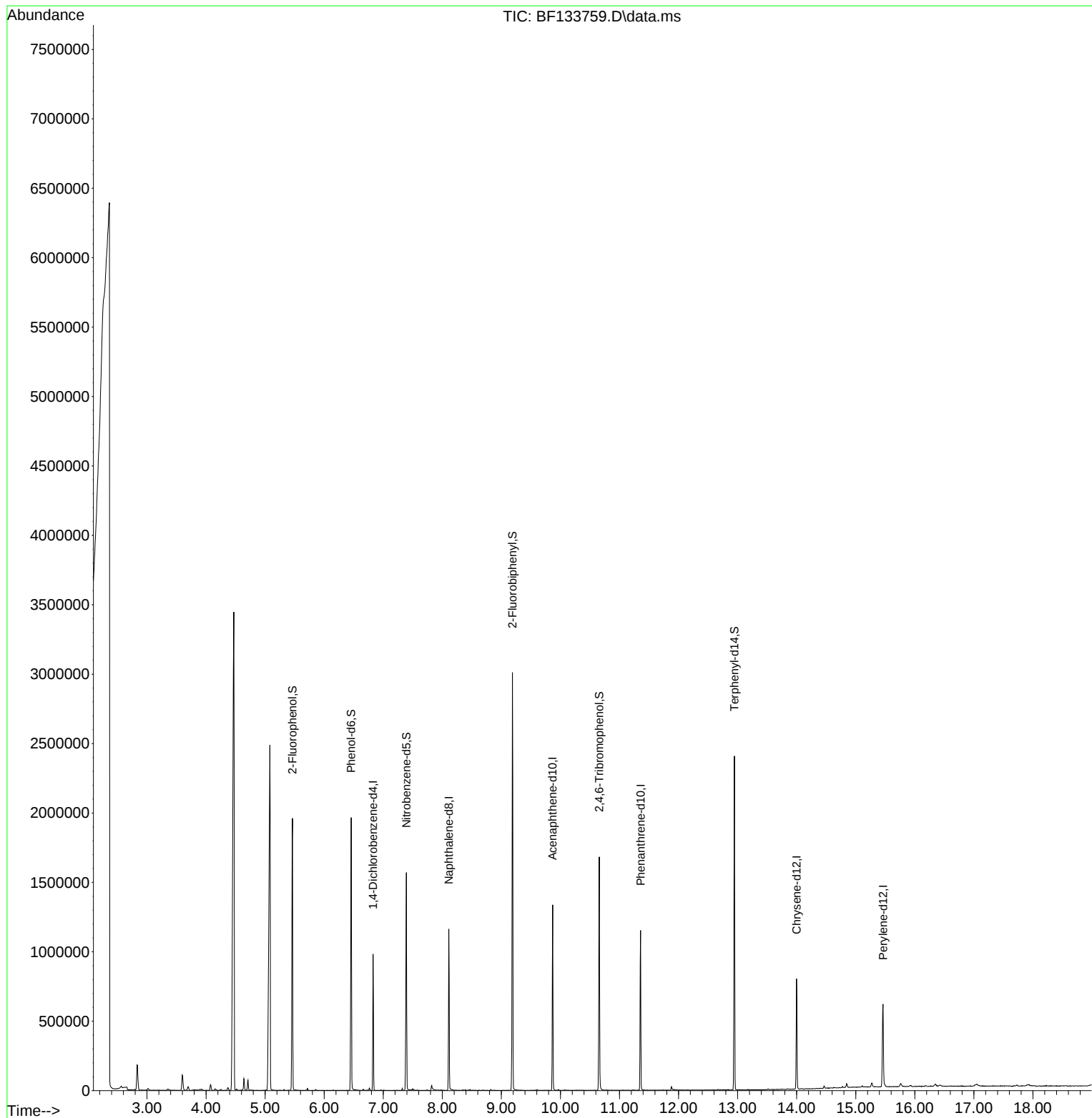
Target Compounds	Qvalue

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

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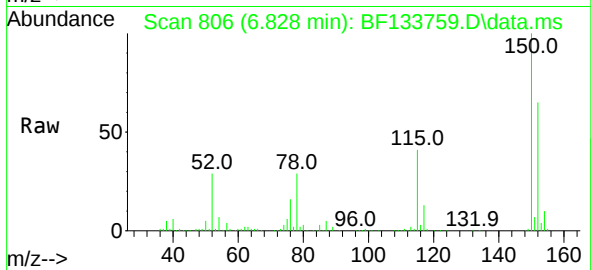
Quant Time: Jun 15 01:29:23 2023
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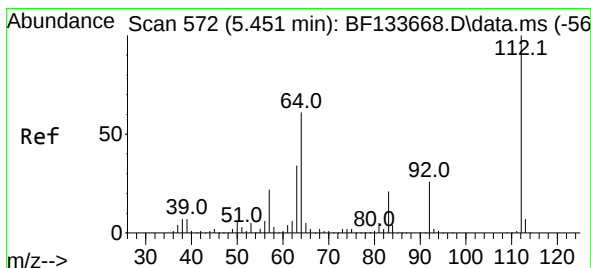
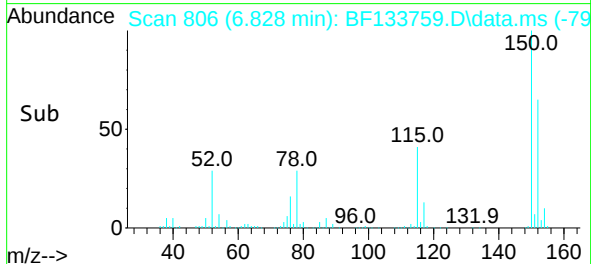
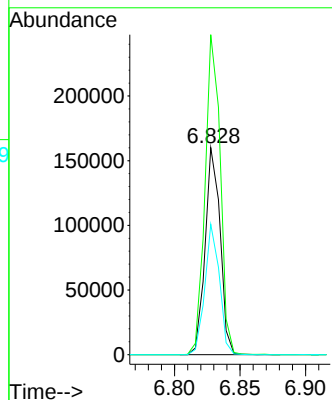


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Instrument :
BNA_F
ClientSampleId :
TP-1RE

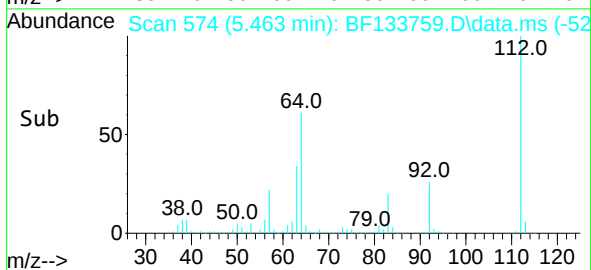
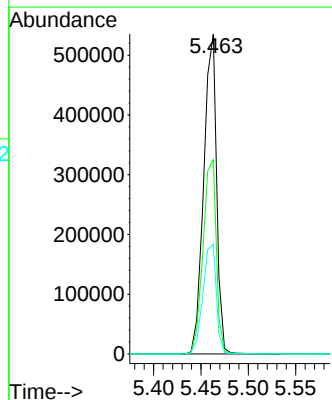
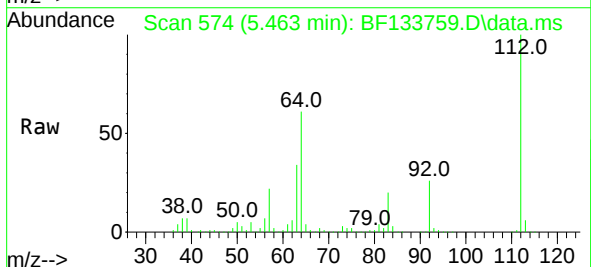


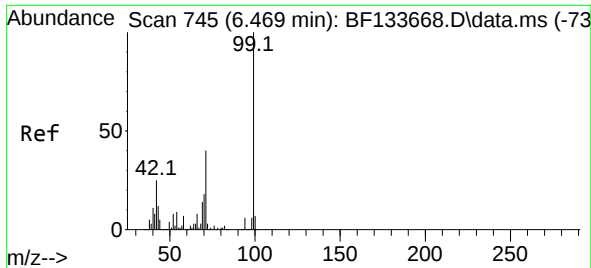
Tgt Ion:152 Resp: 127747
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 63.0 48.5 72.7



#5
2-Fluorophenol
Concen: 69.254 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.018 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion:112 Resp: 508187
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.2 26.8 40.2

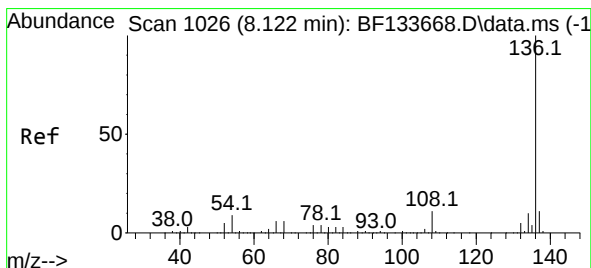
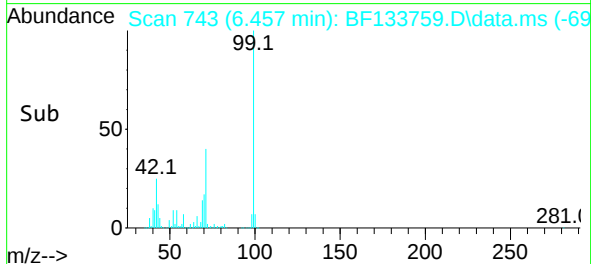
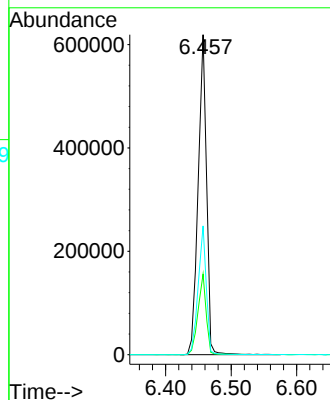
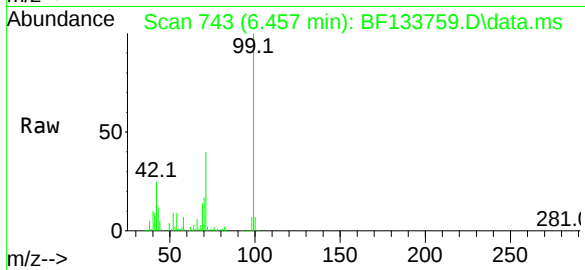




#7
Phenol-d6
Concen: 58.147 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

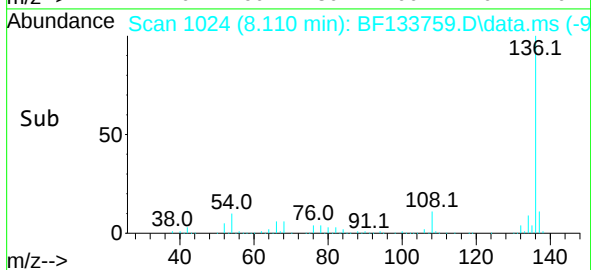
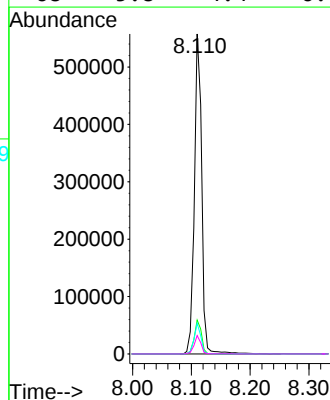
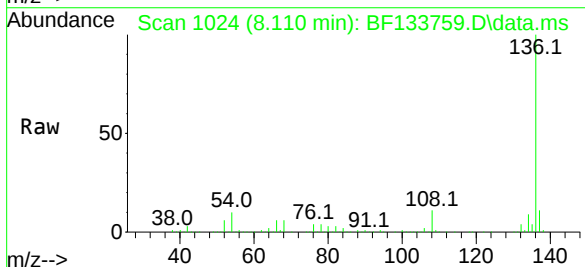
Instrument :
BNA_F
ClientSampleId :
TP-1RE

Tgt Ion: 99 Resp: 555399
Ion Ratio Lower Upper
99 100
42 25.2 19.9 29.9
71 40.2 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion: 136 Resp: 486352
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.6 7.4 11.0
68 5.8 4.4 6.6





#23

Nitrobenzene-d5

Concen: 50.324 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133759.D

Acq: 14 Jun 2023 19:22

Instrument :

BNA_F

ClientSampleId :

TP-1RE

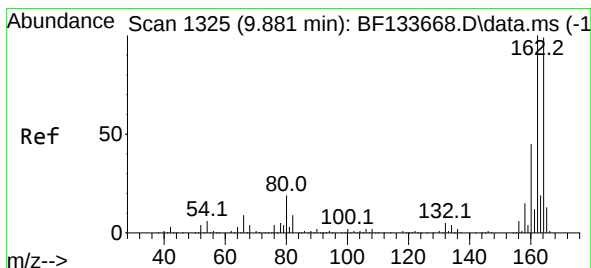
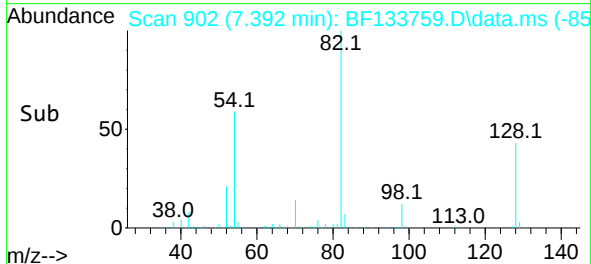
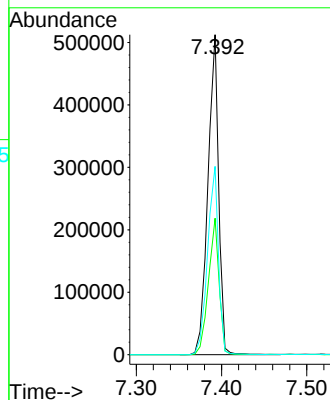
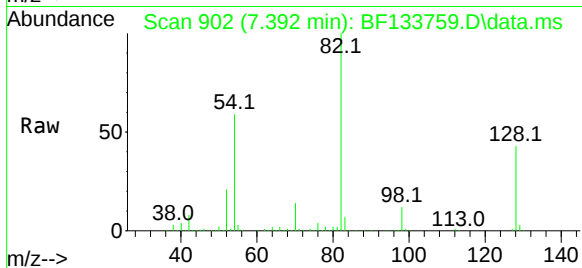
Tgt Ion: 82 Resp: 449363

Ion Ratio Lower Upper

82 100

128 42.7 34.2 51.2

54 58.9 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133759.D

Acq: 14 Jun 2023 19:22

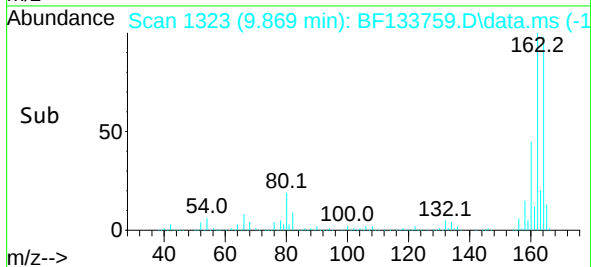
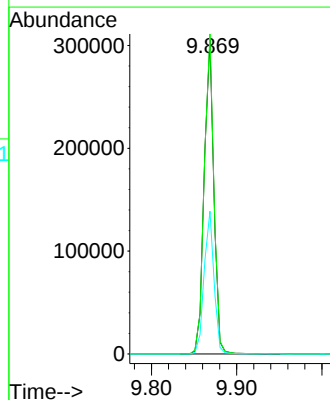
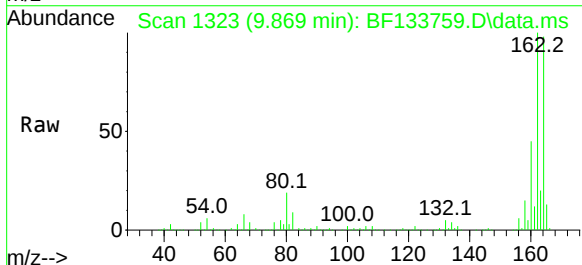
Tgt Ion:164 Resp: 241516

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 45.4 36.7 55.1

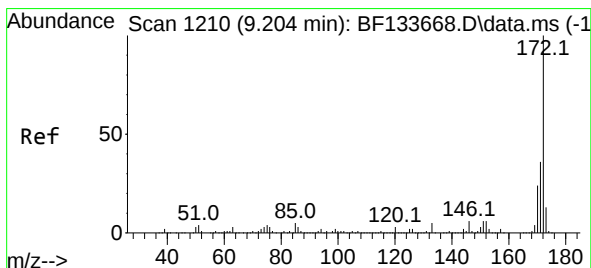
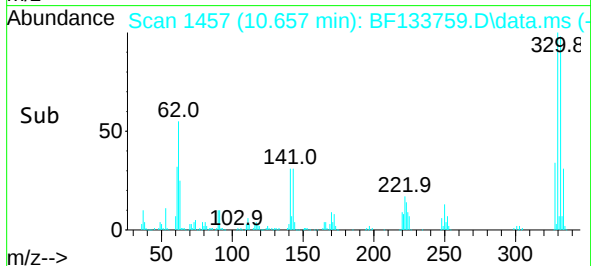
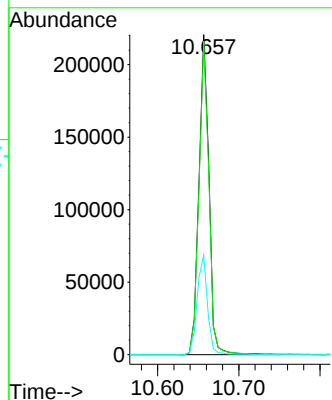
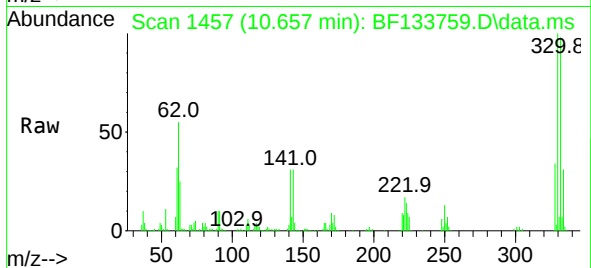




#42
2,4,6-Tribromophenol
Concen: 62.274 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

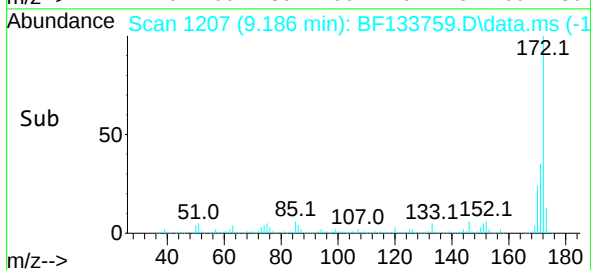
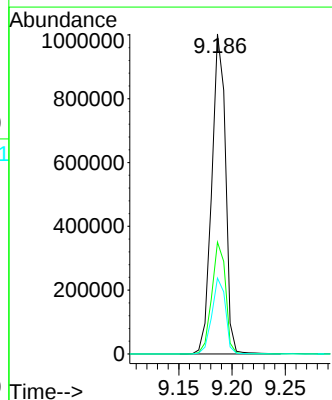
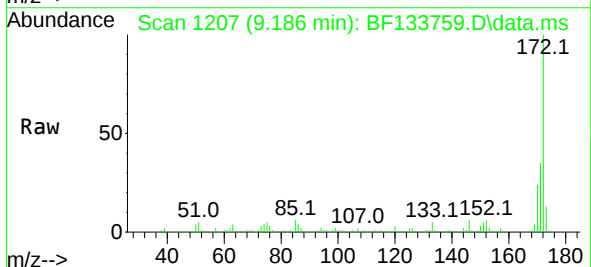
Instrument :
BNA_F
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TP-1RE

Tgt Ion: 330 Resp: 190382
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 32.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 52.966 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion: 172 Resp: 899898
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.7 19.1 28.7

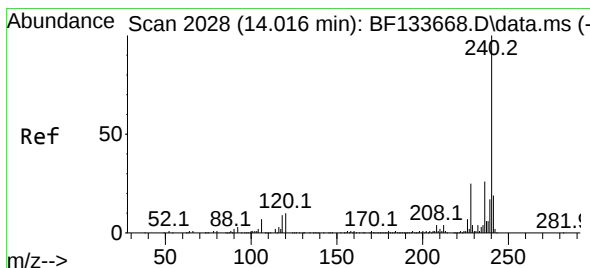
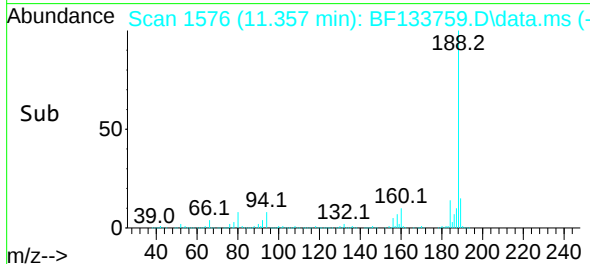
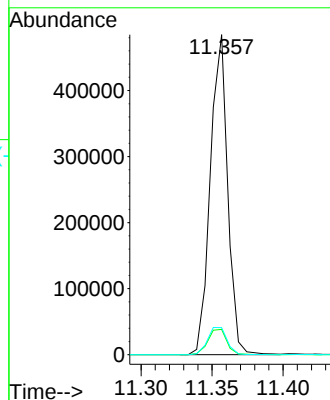
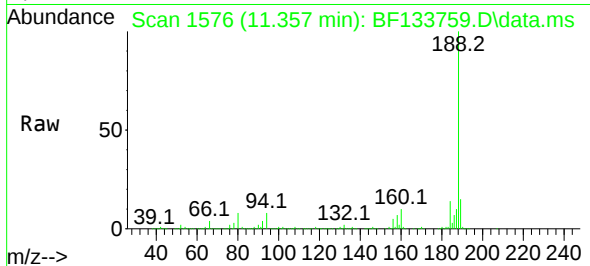




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

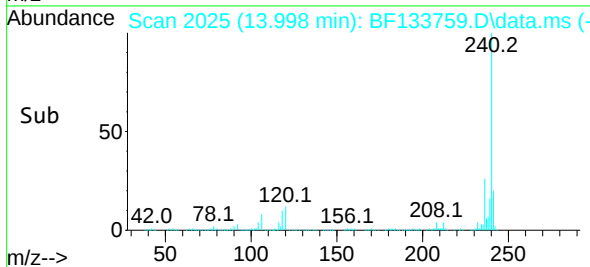
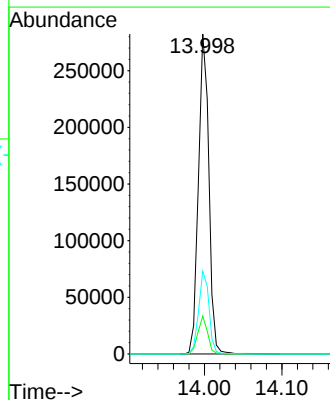
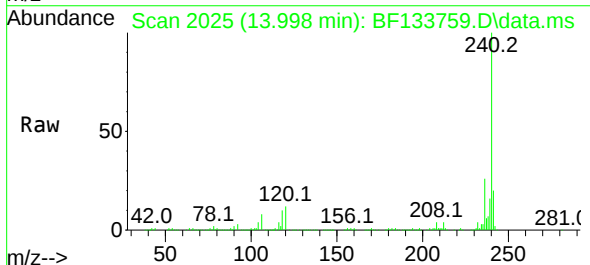
Instrument :
BNA_F
ClientSampleId :
TP-1RE

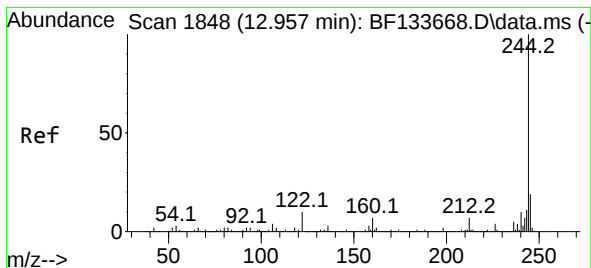
Tgt Ion:188 Resp: 411498
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.5 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF133759.D
Acq: 14 Jun 2023 19:22

Tgt Ion:240 Resp: 263631
Ion Ratio Lower Upper
240 100
120 11.9 8.1 12.1
236 25.8 20.5 30.7





#79

Terphenyl-d14

Concen: 44.738 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133759.D

Acq: 14 Jun 2023 19:22

Instrument :

BNA_F

ClientSampleId :

TP-1RE

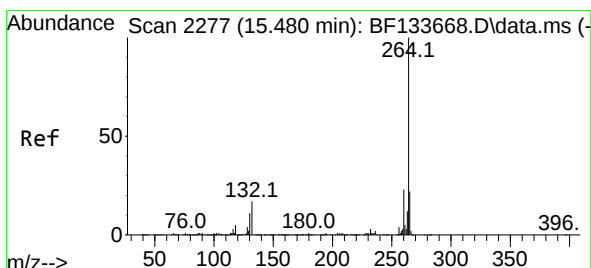
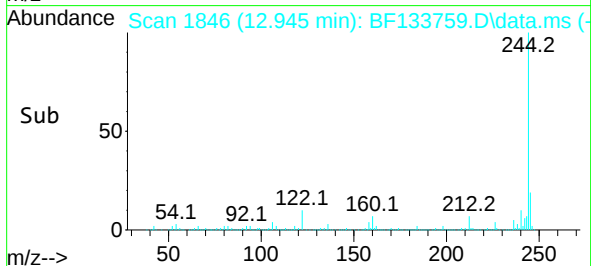
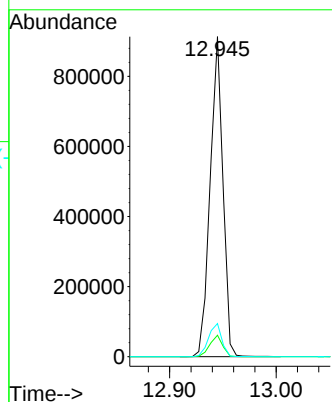
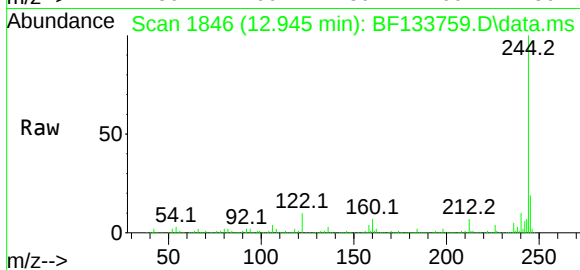
Tgt Ion:244 Resp: 762235

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.4 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF133759.D

Acq: 14 Jun 2023 19:22

Tgt Ion:264 Resp: 278399

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.0 17.8 26.6

