

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133762.D
 Acq On : 14 Jun 2023 20:58
 Operator : CG\JU
 Sample : 03092-05RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2RE

Quant Time: Jun 15 01:30:59 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	126959	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	474827	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	225380	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	382969	20.000	ng	0.00
76) Chrysene-d12	13.998	240	246871	20.000	ng	-0.01
86) Perylene-d12	15.462	264	269938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	506280	69.423	ng	0.01
7) Phenol-d6	6.457	99	553891	58.349	ng	-0.01
23) Nitrobenzene-d5	7.398	82	655987	75.247	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	193936	67.978	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1161546	73.261	ng	0.00
79) Terphenyl-d14	12.945	244	1005741	63.038	ng	0.00

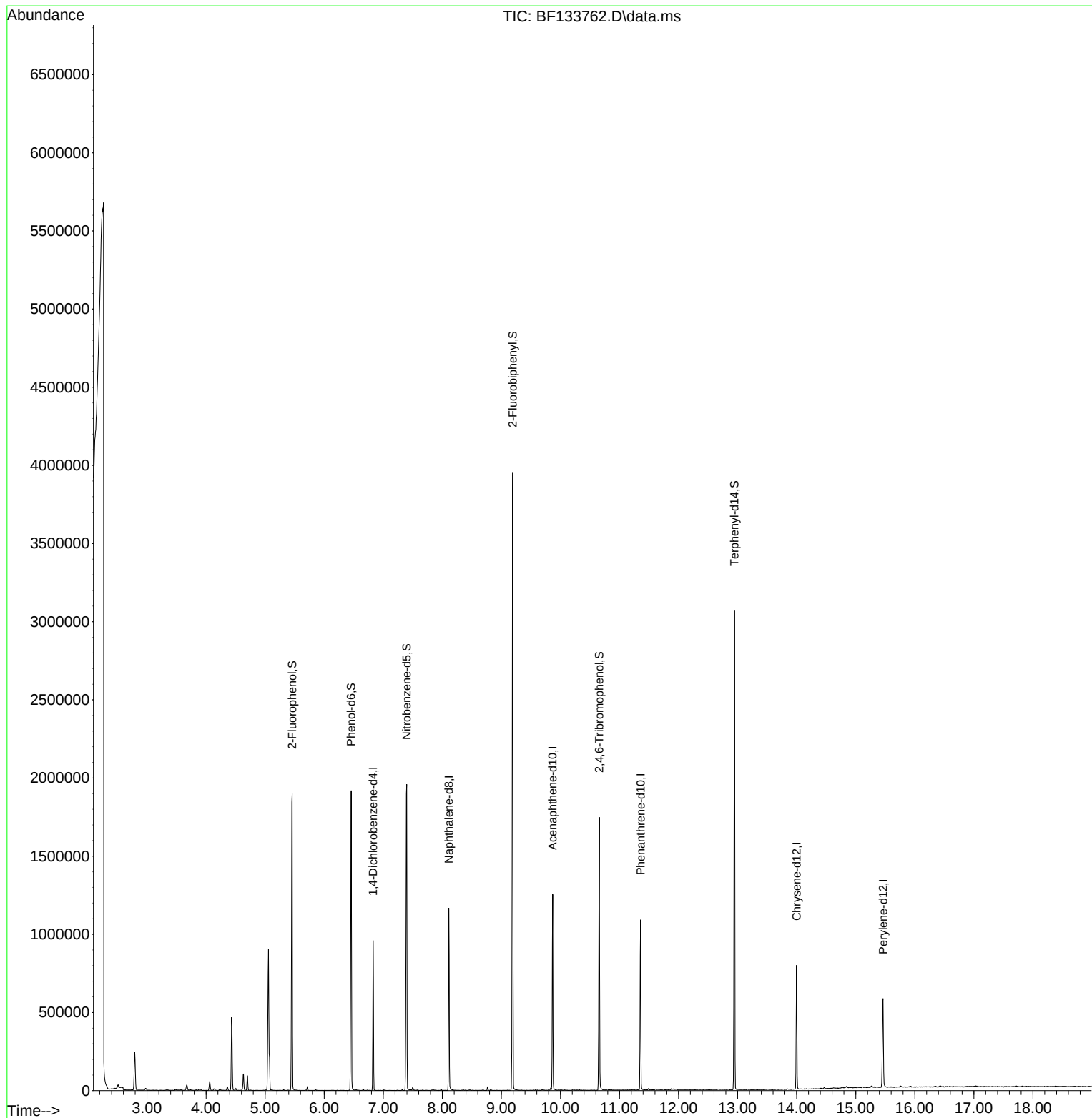
Target Compounds	Qvalue

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

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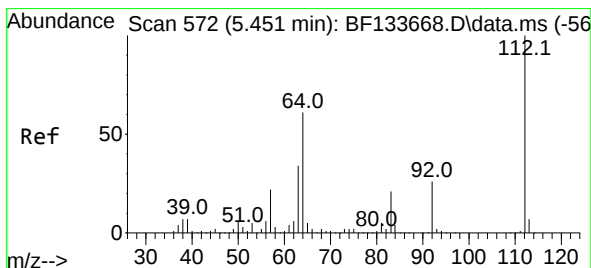
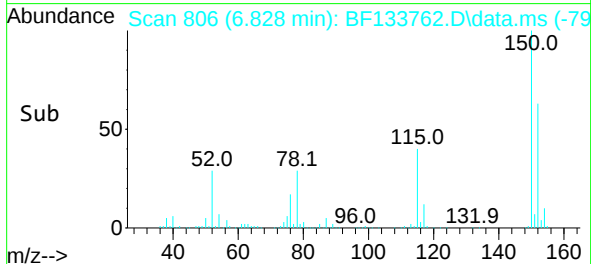
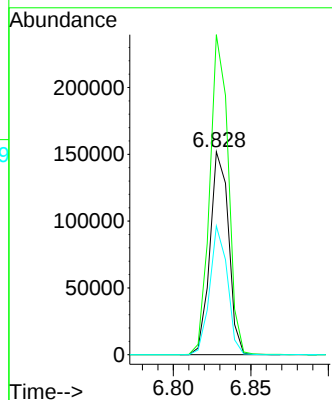
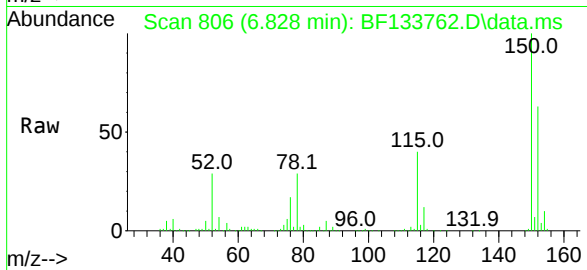




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

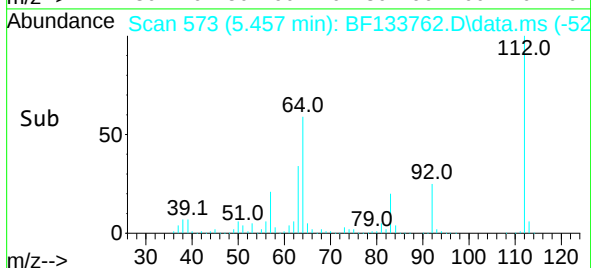
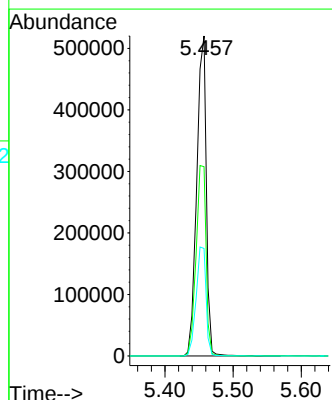
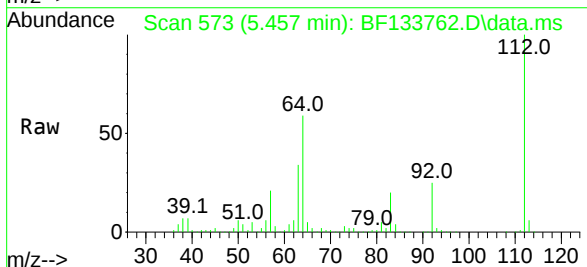
Instrument :
BNA_F
ClientSampleId :
TP-2RE

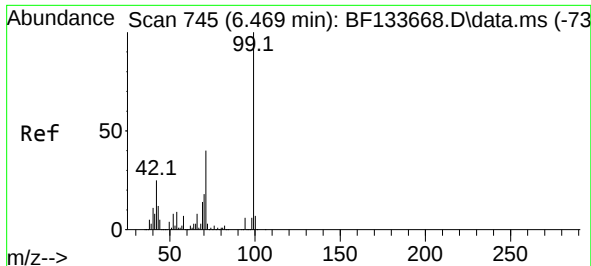
Tgt Ion:152 Resp: 126959
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 63.4 48.5 72.7



#5
2-Fluorophenol
Concen: 69.423 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion:112 Resp: 506280
Ion Ratio Lower Upper
112 100
64 59.1 49.0 73.4
63 33.6 26.8 40.2

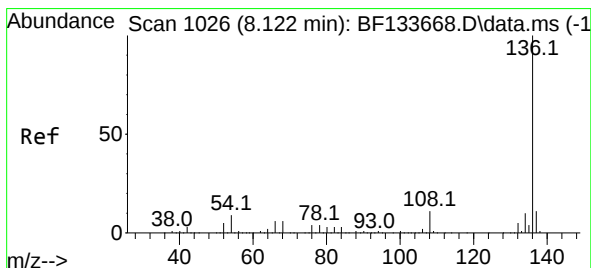
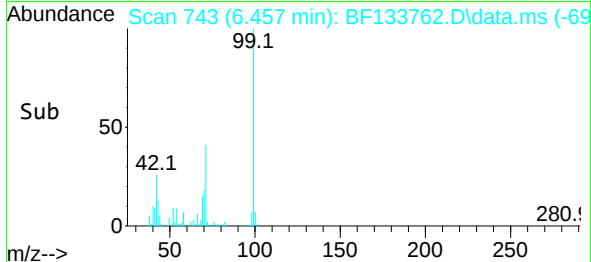
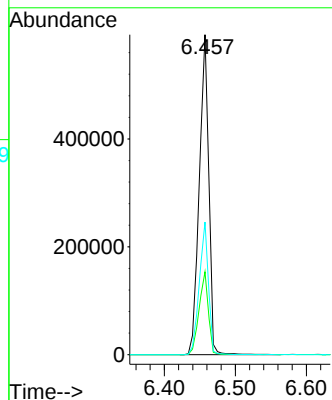
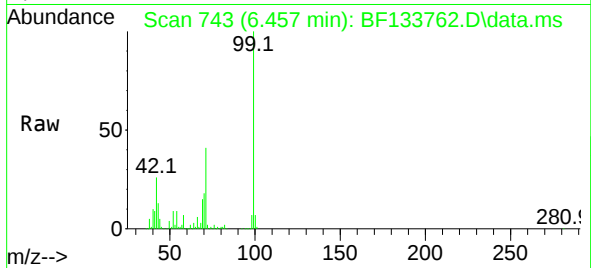




#7
Phenol-d6
Concen: 58.349 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

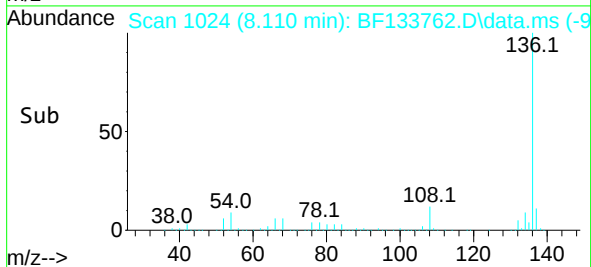
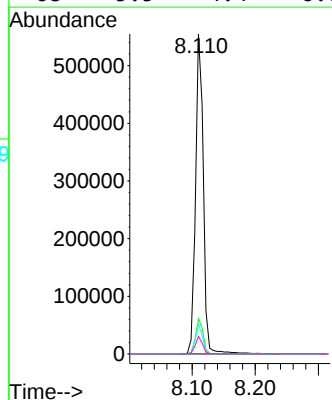
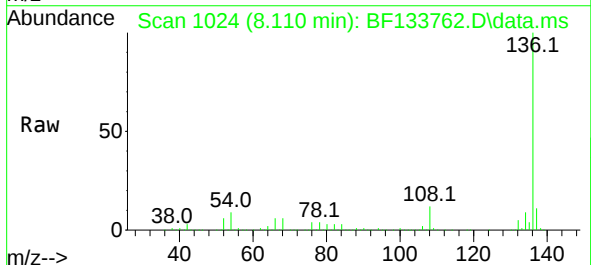
Instrument :
BNA_F
ClientSampleId :
TP-2RE

Tgt Ion: 99 Resp: 553891
Ion Ratio Lower Upper
99 100
42 25.9 19.9 29.9
71 41.5 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: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion: 136 Resp: 474827
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.3 7.4 11.0
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 75.247 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133762.D

Acq: 14 Jun 2023 20:58

Instrument :

BNA_F

ClientSampleId :

TP-2RE

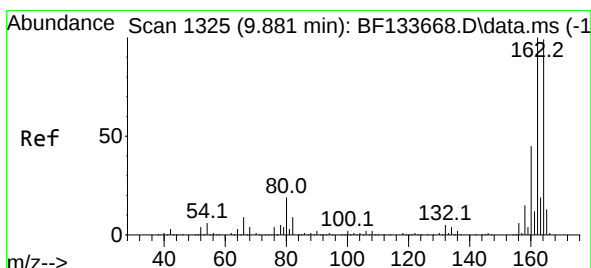
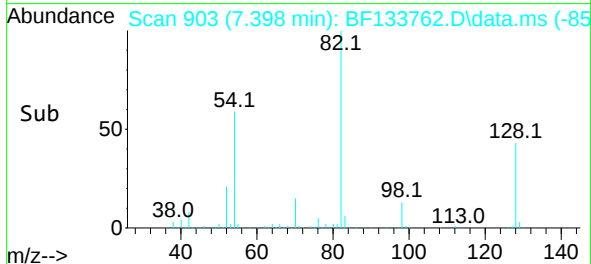
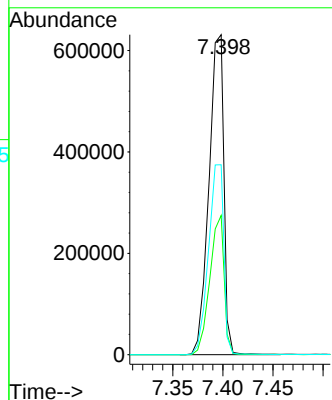
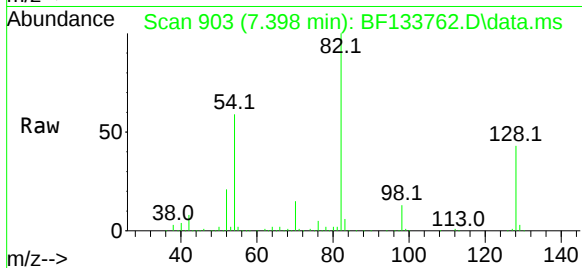
Tgt Ion: 82 Resp: 655987

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.2

54 59.3 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: BF133762.D

Acq: 14 Jun 2023 20:58

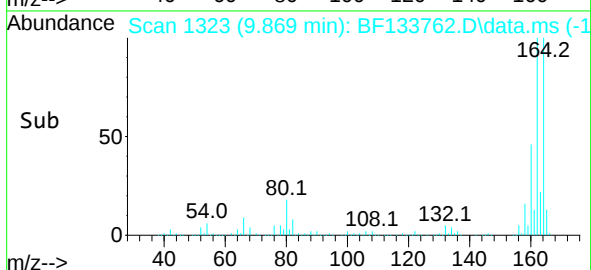
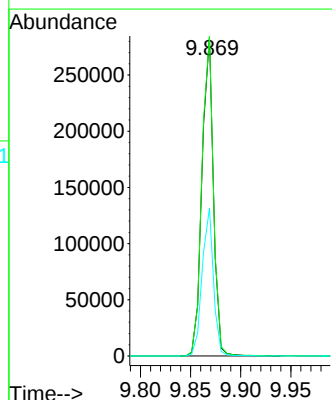
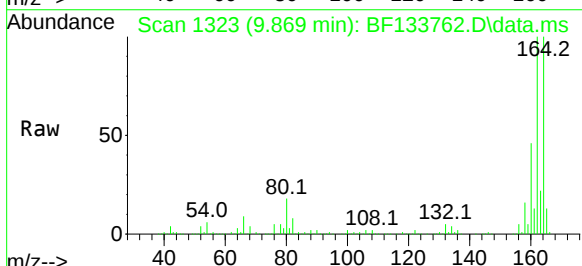
Tgt Ion:164 Resp: 225380

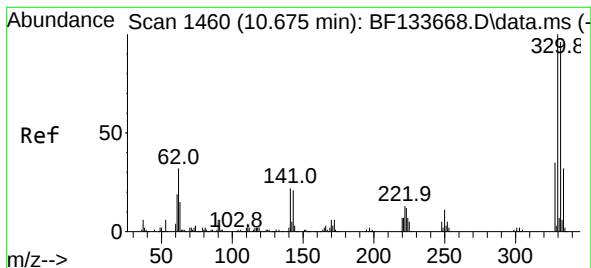
Ion Ratio Lower Upper

164 100

162 100.1 80.8 121.2

160 46.3 36.7 55.1

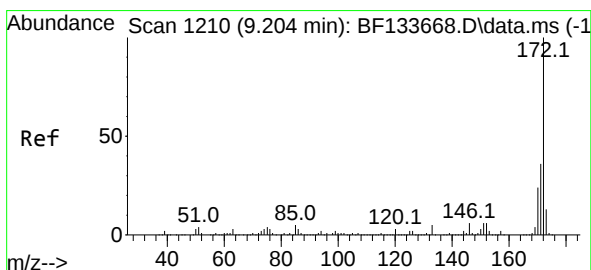
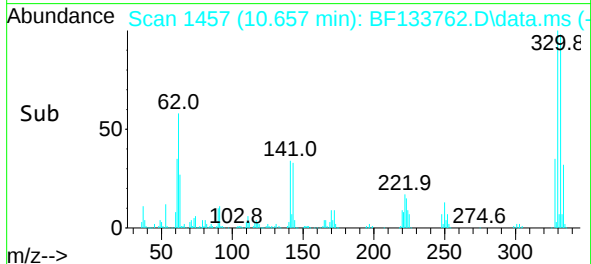
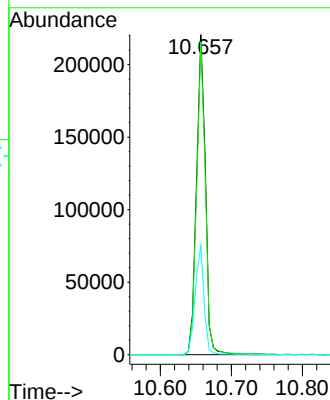
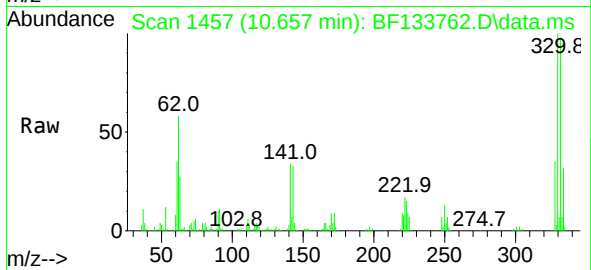




#42
2,4,6-Tribromophenol
Concen: 67.978 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

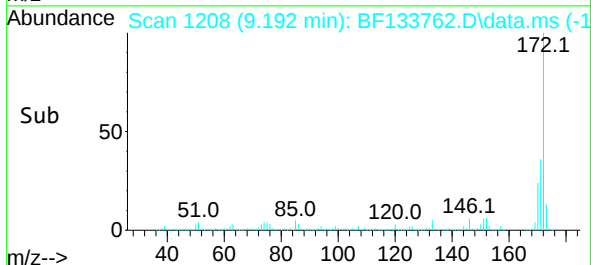
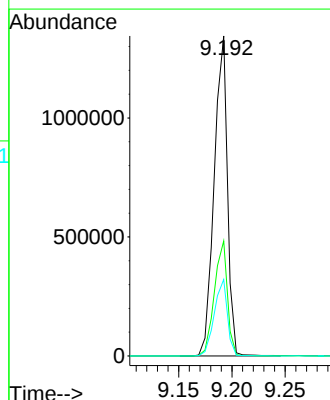
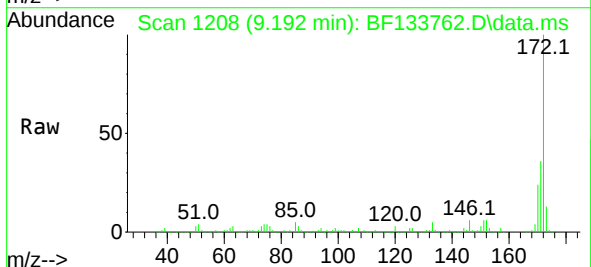
Instrument :
BNA_F
ClientSampleId :
TP-2RE

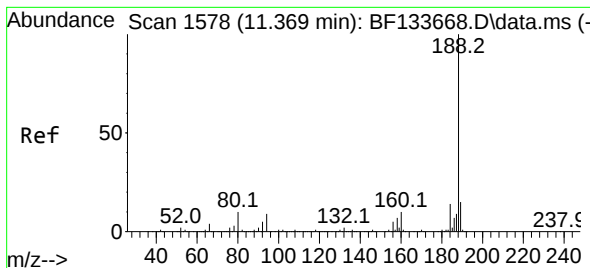
Tgt Ion:330 Resp: 193936
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 34.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 73.261 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion:172 Resp: 1161546
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133762.D

Acq: 14 Jun 2023 20:58

Instrument :

BNA_F

ClientSampleId :

TP-2RE

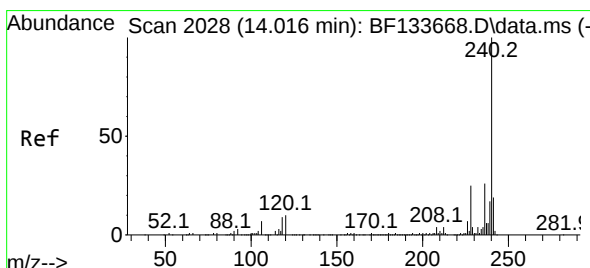
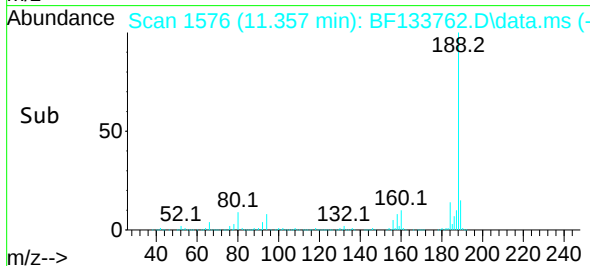
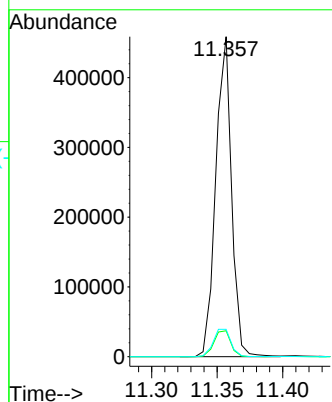
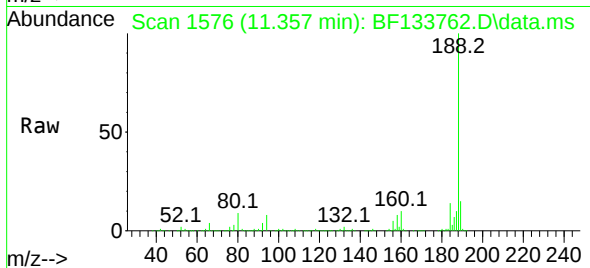
Tgt Ion:188 Resp: 382969

Ion Ratio Lower Upper

188 100

94 8.1 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: BF133762.D

Acq: 14 Jun 2023 20:58

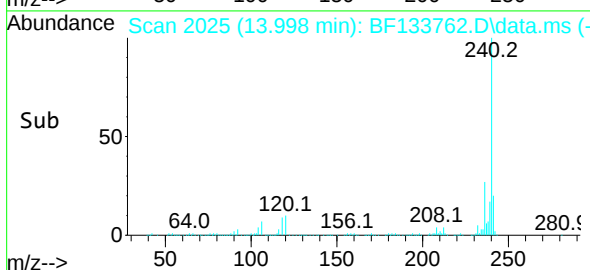
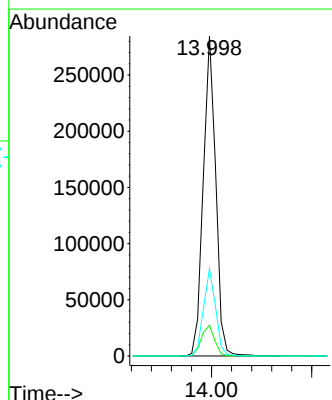
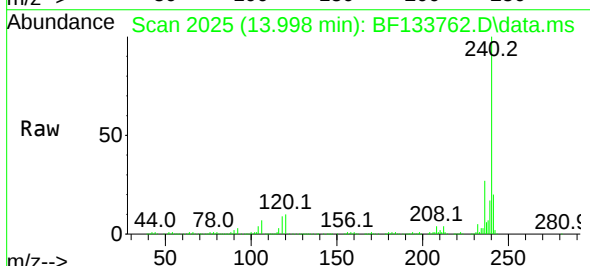
Tgt Ion:240 Resp: 246871

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

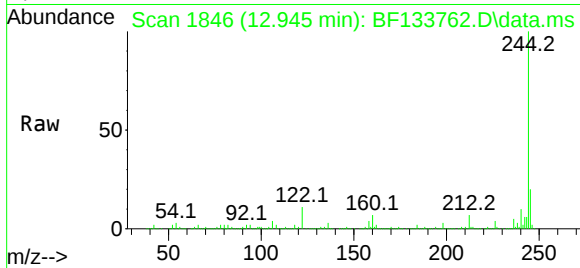
236 27.3 20.5 30.7



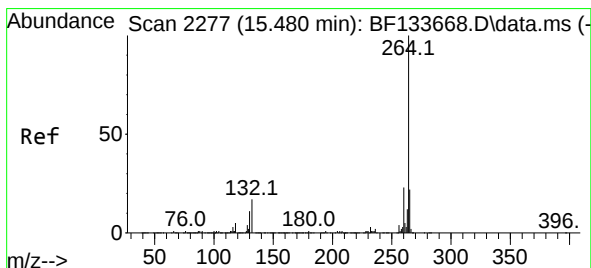
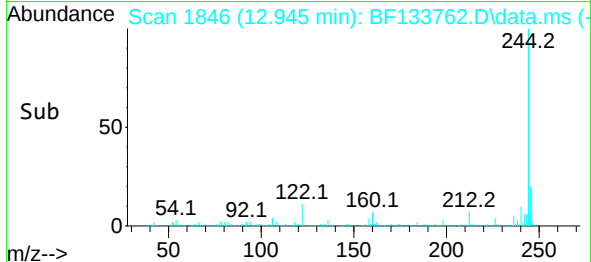
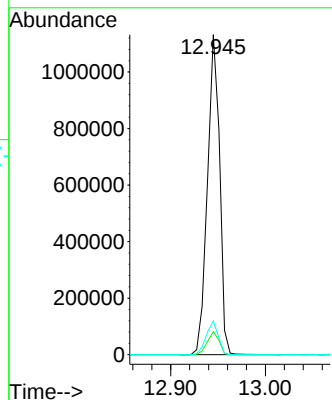


#79
 Terphenyl-d14
 Concen: 63.038 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133762.D
 Acq: 14 Jun 2023 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-2RE



Tgt Ion:244 Resp: 1005741
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 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: BF133762.D
 Acq: 14 Jun 2023 20:58

Tgt Ion:264 Resp: 269938
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 20.9 17.8 26.6

