

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133805.D
 Acq On : 16 Jun 2023 14:11
 Operator : CG\JU
 Sample : PB153422BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153422BL

Quant Time: Jun 16 14:56:20 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	93672	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	378121	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	206886	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	423155	20.000	ng	0.00
76) Chrysene-d12	14.045	240	332115	20.000	ng	0.00
86) Perylene-d12	15.557	264	280787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	757477	140.778	ng	0.01
7) Phenol-d6	6.498	99	917336	130.977	ng	0.00
23) Nitrobenzene-d5	7.428	82	633739	91.287	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	332217	126.858	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1280944	88.014	ng	0.00
79) Terphenyl-d14	12.992	244	1536980	71.609	ng	0.00

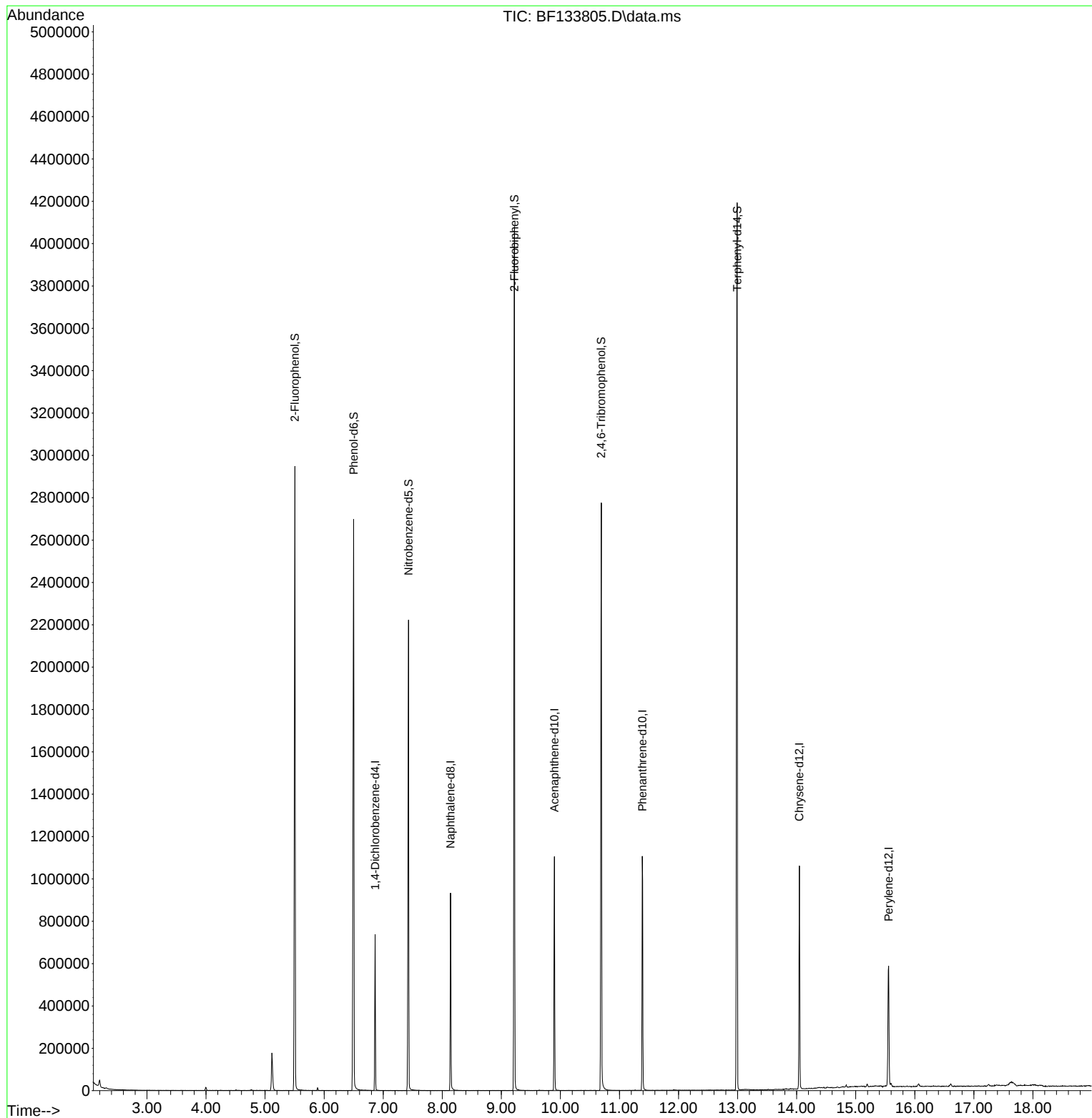
Target Compounds	Qvalue

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

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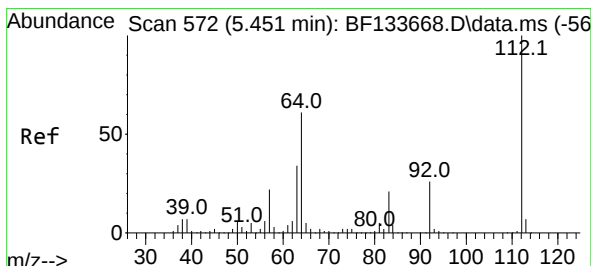
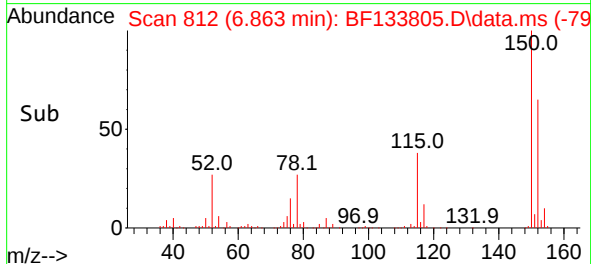
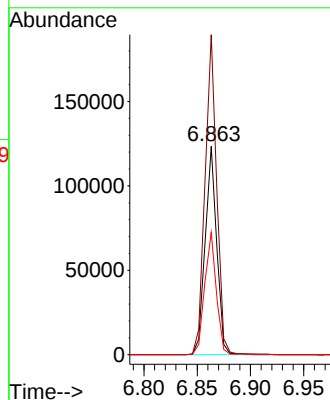
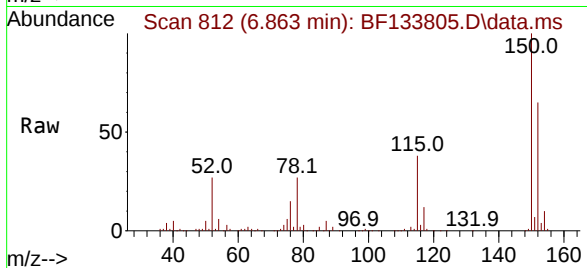




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

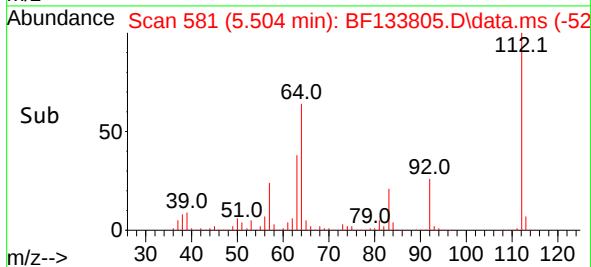
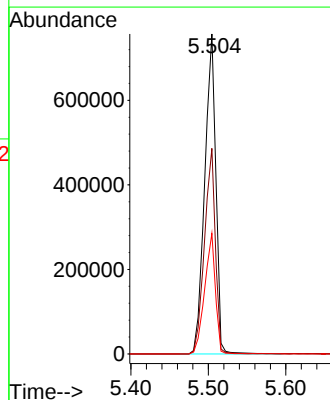
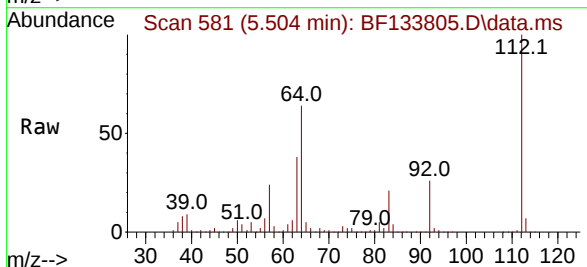
Instrument :
BNA_F
ClientSampleId :
PB153422BL

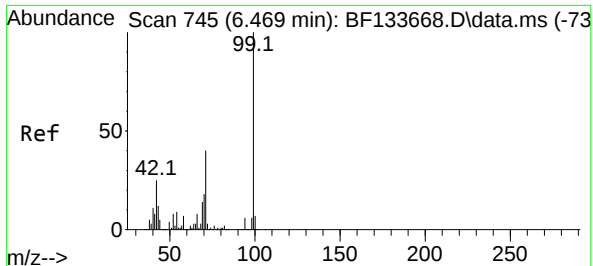
Tgt Ion:152 Resp: 93672
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 140.778 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

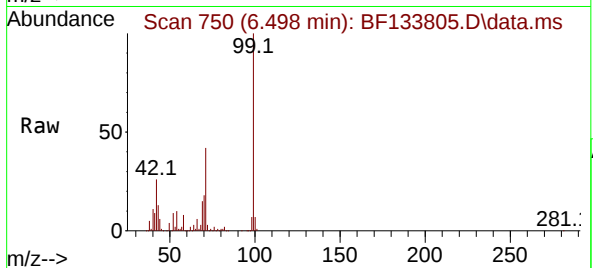
Tgt Ion:112 Resp: 757477
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.4
63 37.7 26.8 40.2



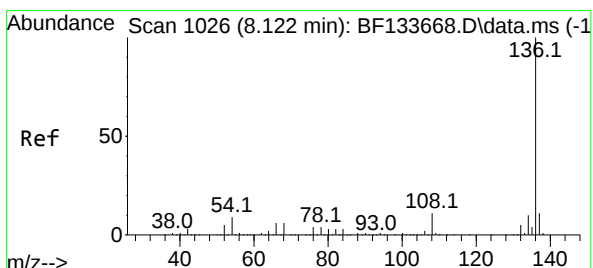
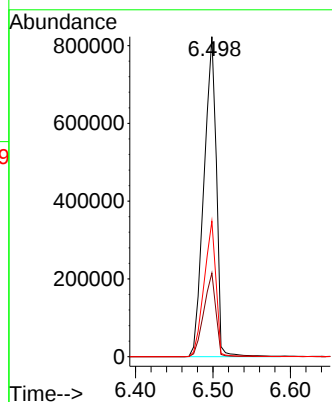
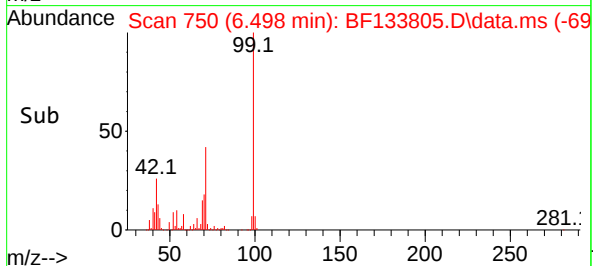


#7
Phenol-d6
Concen: 130.977 ng
RT: 6.498 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Instrument :
BNA_F
ClientSampleId :
PB153422BL

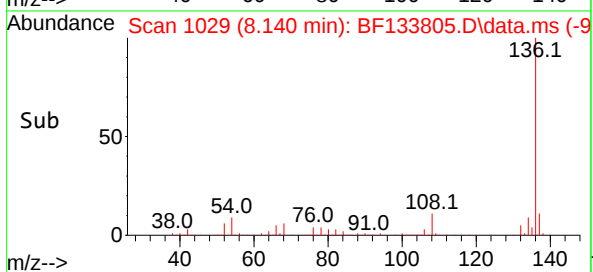
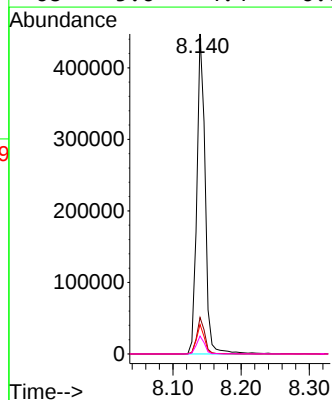
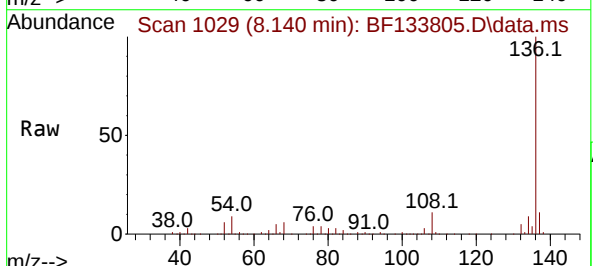


Tgt Ion: 99 Resp: 917336
Ion Ratio Lower Upper
99 100
42 26.2 19.9 29.9
71 42.3 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

Tgt Ion: 136 Resp: 378121
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.2 7.4 11.0
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 91.287 ng

RT: 7.428 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133805.D

Acq: 16 Jun 2023 14:11

Instrument :

BNA_F

ClientSampleId :

PB153422BL

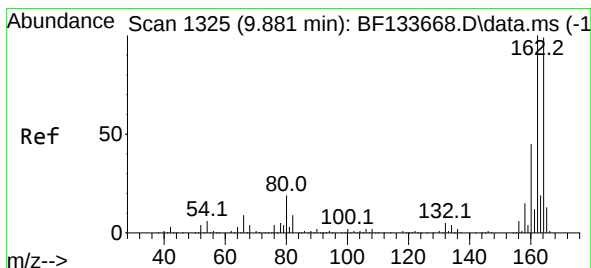
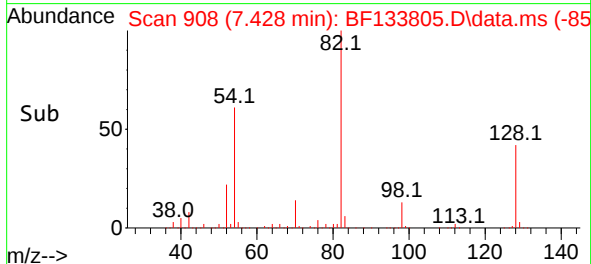
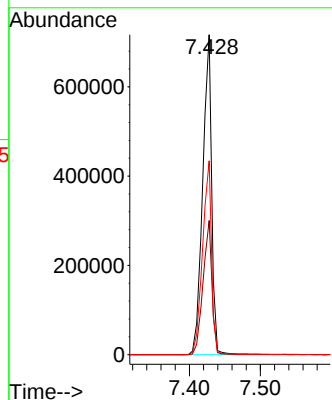
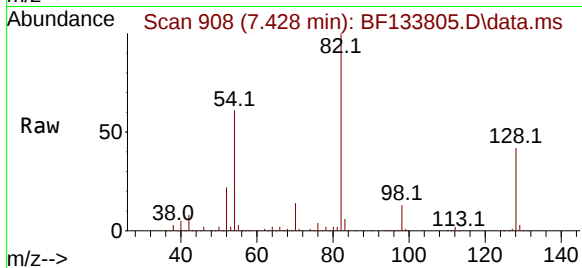
Tgt Ion: 82 Resp: 633739

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.2

54 60.6 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF133805.D

Acq: 16 Jun 2023 14:11

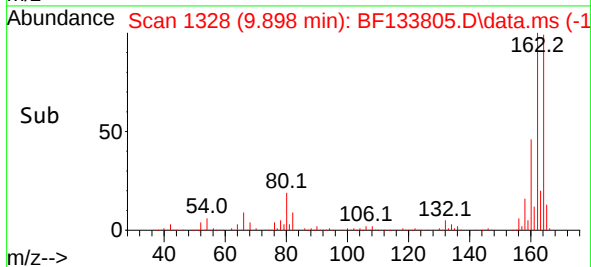
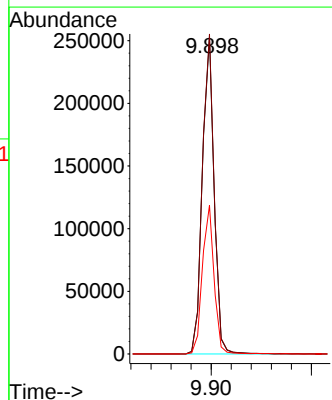
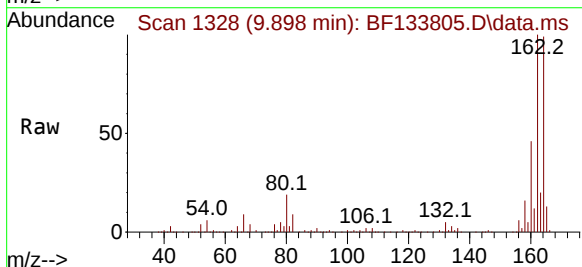
Tgt Ion:164 Resp: 206886

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 46.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 126.858 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF133805.D

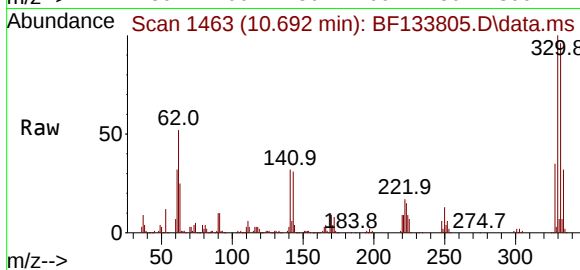
Acq: 16 Jun 2023 14:11

Instrument :

BNA_F

ClientSampleId :

PB153422BL



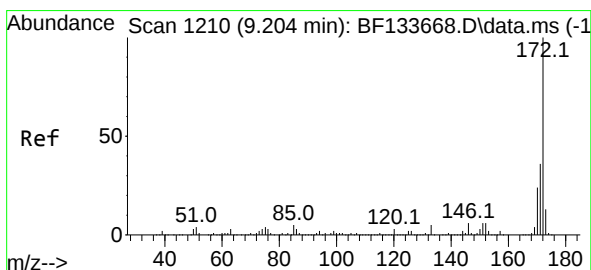
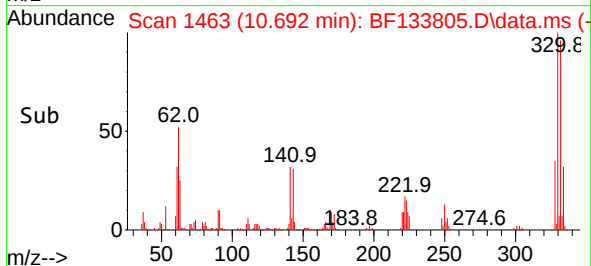
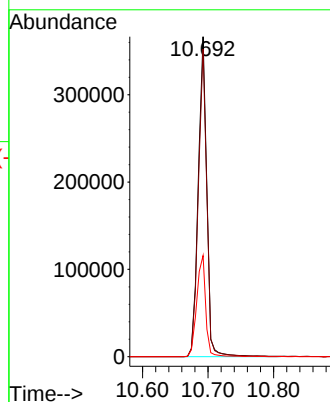
Tgt Ion:330 Resp: 332217

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

141 33.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 88.014 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133805.D

Acq: 16 Jun 2023 14:11

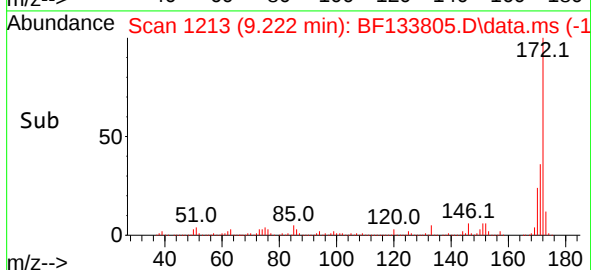
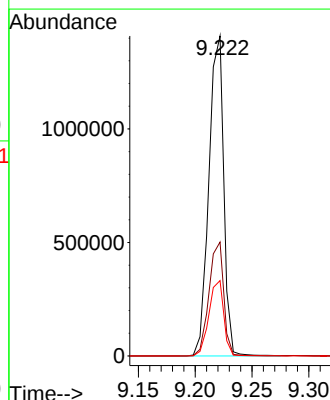
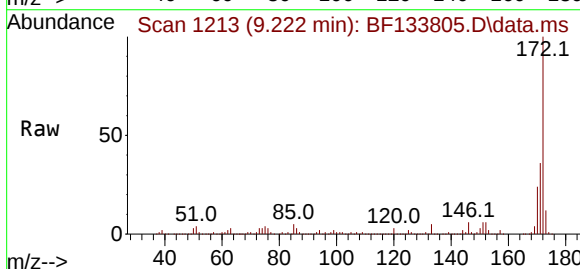
Tgt Ion:172 Resp: 1280944

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.6 19.1 28.7

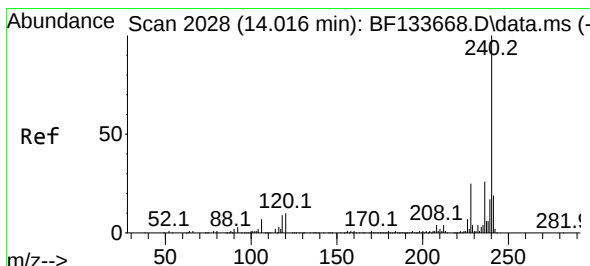
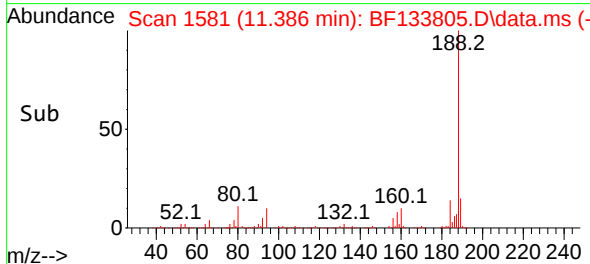
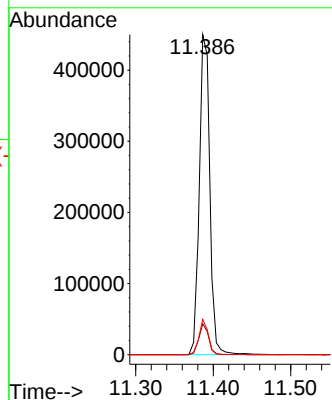
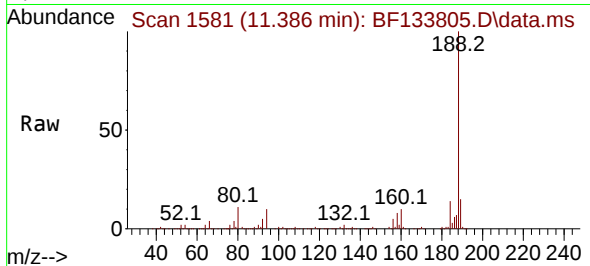




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

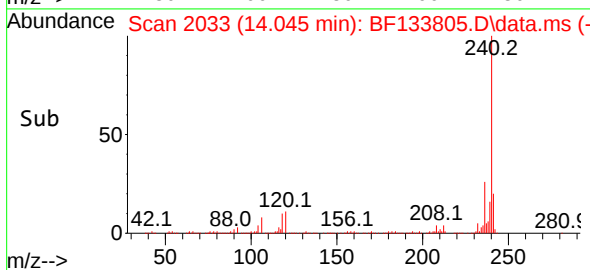
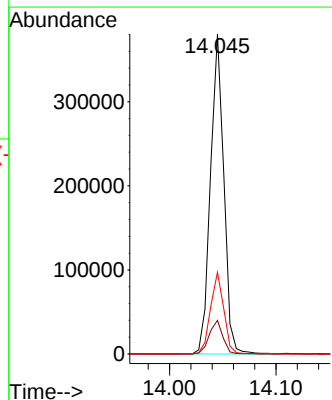
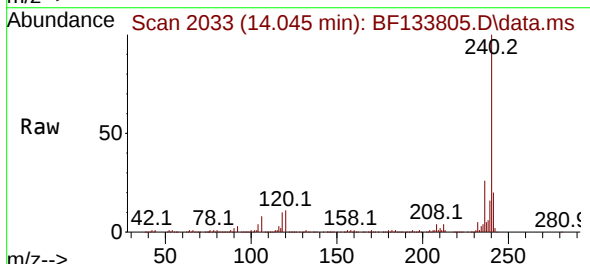
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 423155
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 11.0 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF133805.D
Acq: 16 Jun 2023 14:11

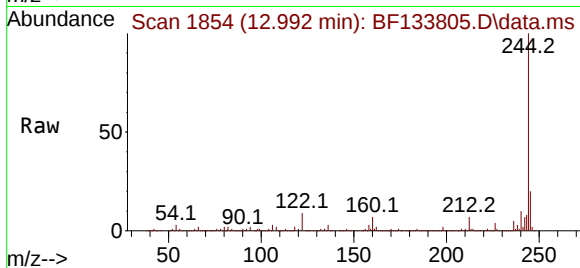
Tgt Ion:240 Resp: 332115
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 25.5 20.5 30.7



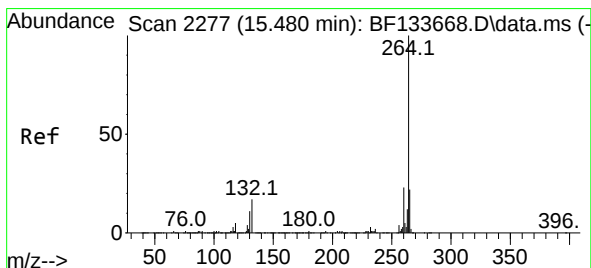
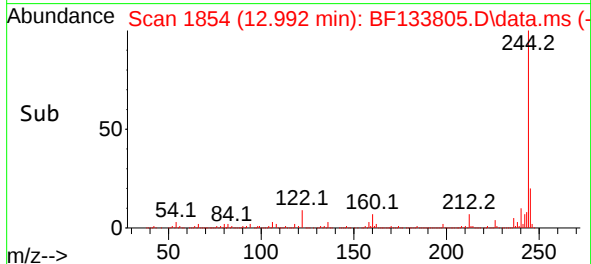
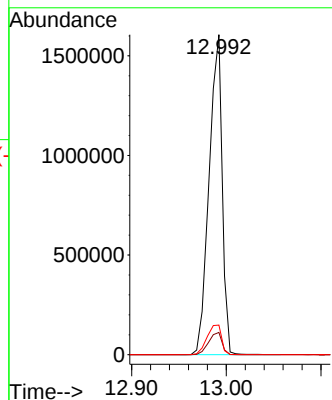


#79
 Terphenyl-d14
 Concen: 71.609 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133805.D
 Acq: 16 Jun 2023 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB153422BL



Tgt Ion:244 Resp: 1536980
 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# 2290
 Delta R.T. -0.006 min
 Lab File: BF133805.D
 Acq: 16 Jun 2023 14:11

Tgt Ion:264 Resp: 280787
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.4 17.8 26.6

