

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133002.D
 Acq On : 24 Apr 2023 18:50
 Operator : CG\JU
 Sample : 02468-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP-PUMP-GW-SAMPLERE

Quant Time: Apr 25 02:10:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	188565	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	756072	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	394031	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	711864	20.000	ng	0.00
76) Chrysene-d12	13.898	240	523017	20.000	ng	-0.01
86) Perylene-d12	15.321	264	427603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	481229	38.552	ng	0.00
7) Phenol-d6	6.375	99	356069	22.982	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1173995	83.813	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	338740	85.481	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	1893994	80.416	ng	0.00
79) Terphenyl-d14	12.857	244	2295747	75.703	ng	0.00

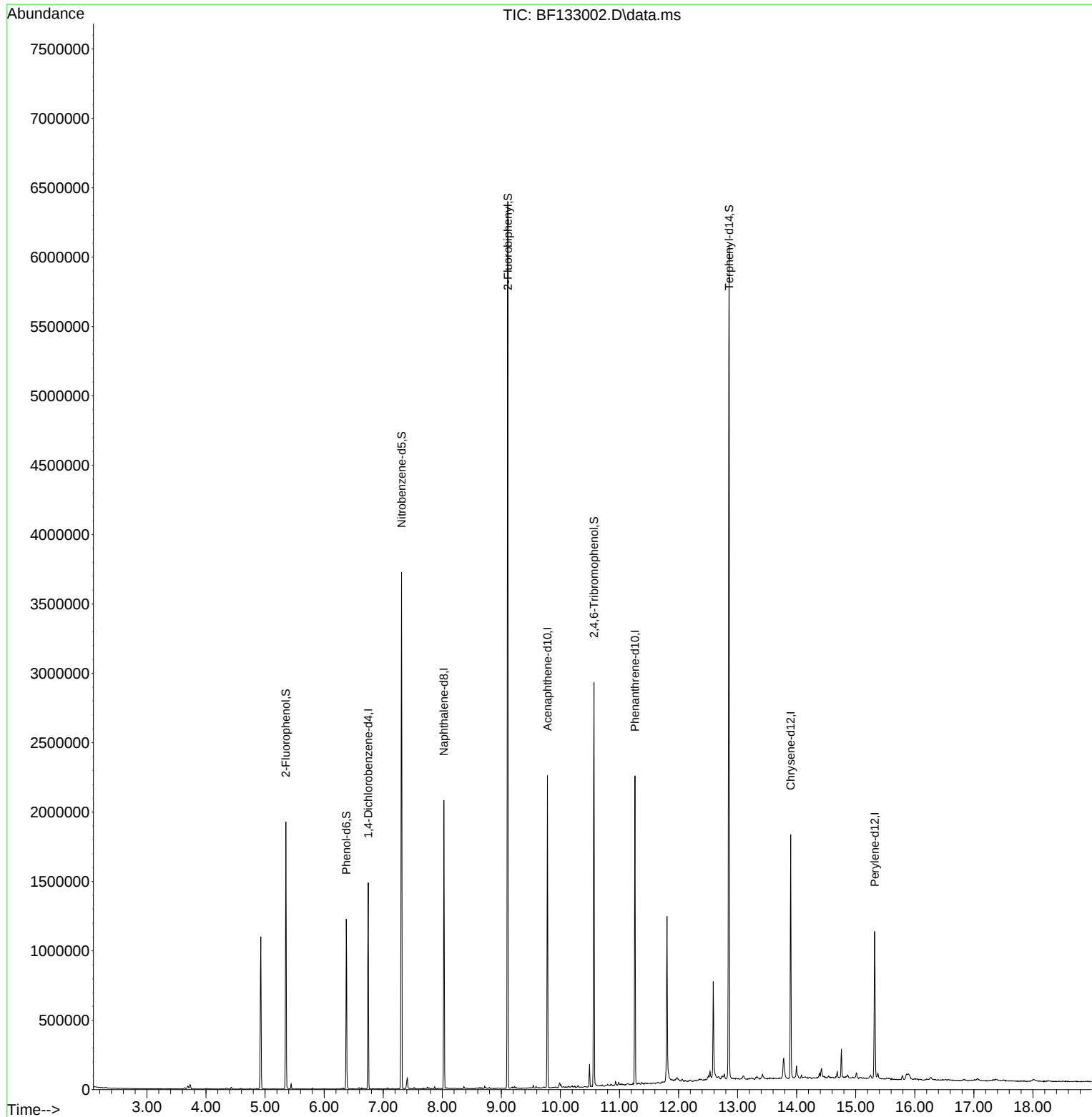
Target Compounds	Qvalue

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

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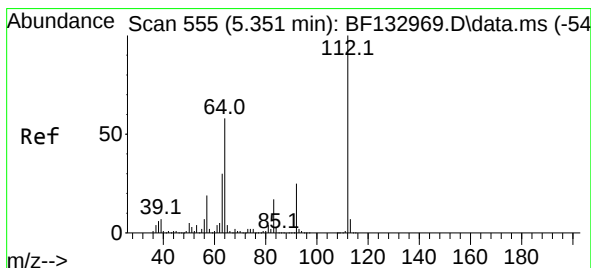
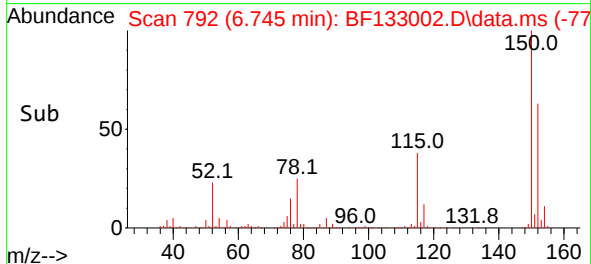
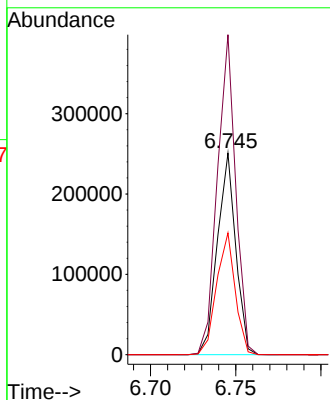
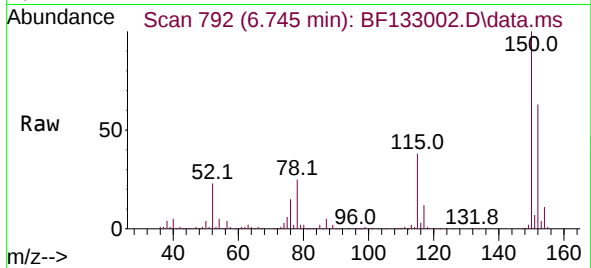




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133002.D
 Acq: 24 Apr 2023 18:50

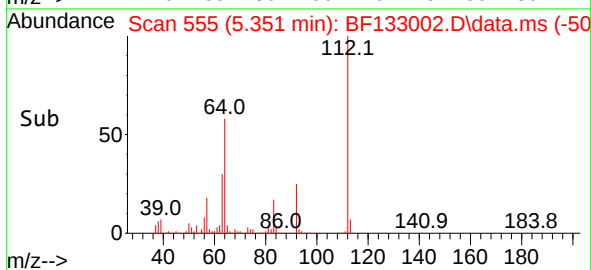
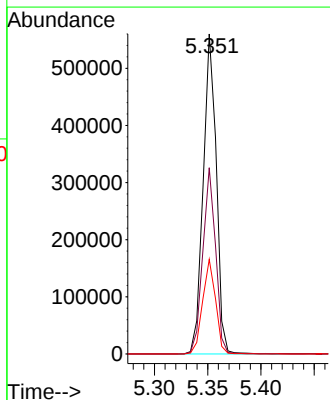
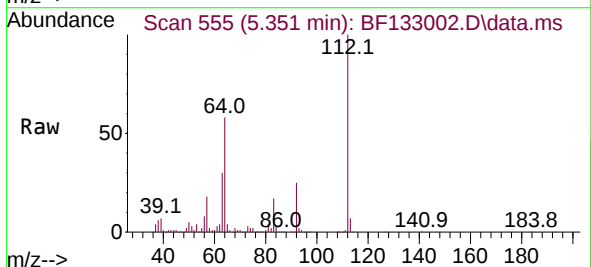
Instrument :
 BNA_F
 ClientSampleId :
 SUMP-PUMP-GW-SAMPLERE

Tgt Ion:152 Resp: 188565
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.8 187.2
 115 60.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 38.552 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF133002.D
 Acq: 24 Apr 2023 18:50

Tgt Ion:112 Resp: 481229
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.8 70.2
 63 29.6 23.8 35.8

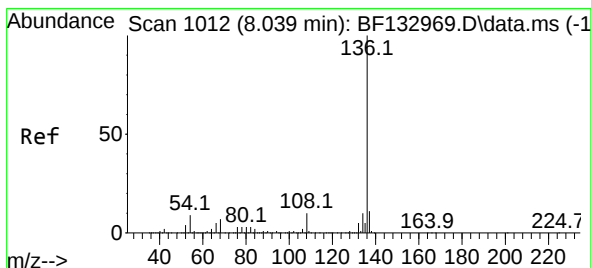
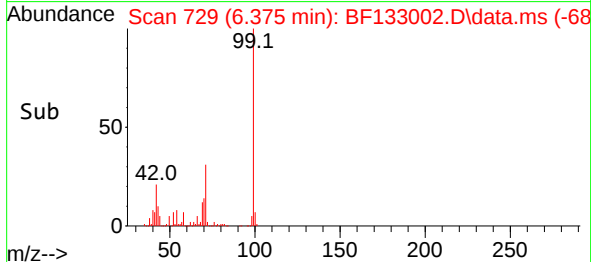
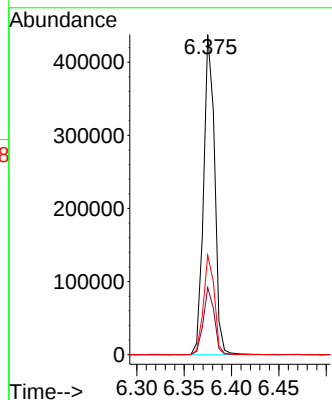
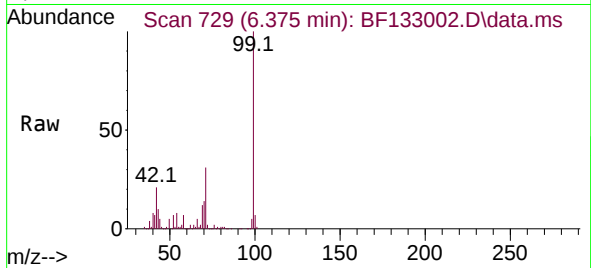




#7
Phenol-d6
Concen: 22.982 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

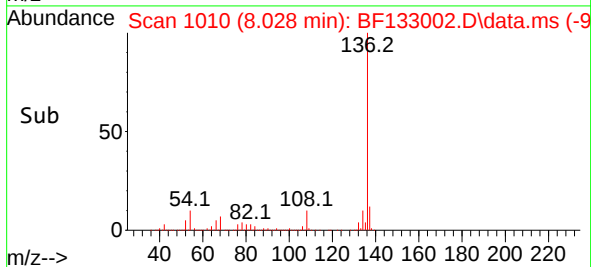
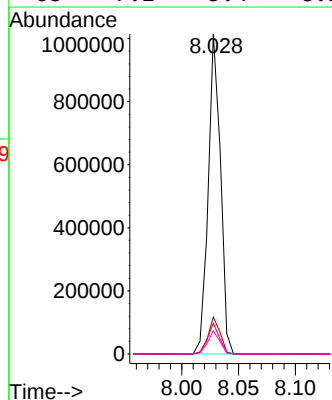
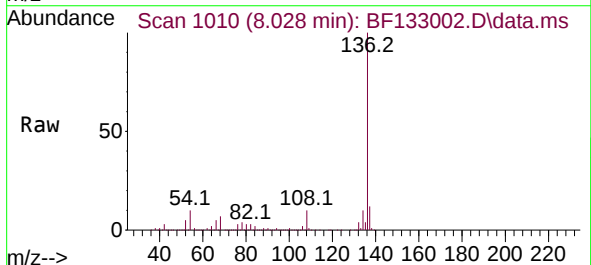
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLERE

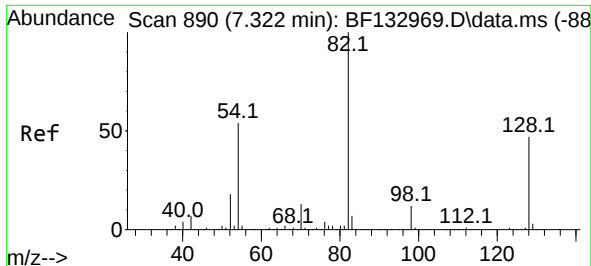
Tgt Ion: 99 Resp: 356069
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 31.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

Tgt Ion: 136 Resp: 756072
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.6 7.0 10.4
68 7.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 83.813 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Instrument :

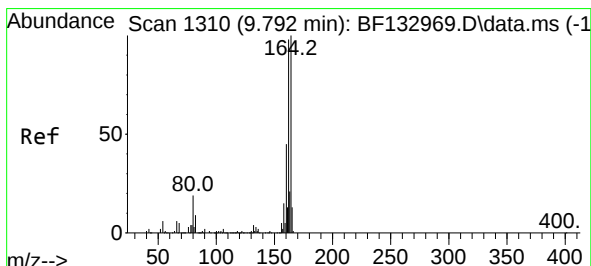
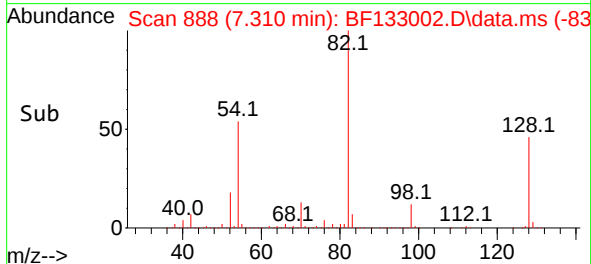
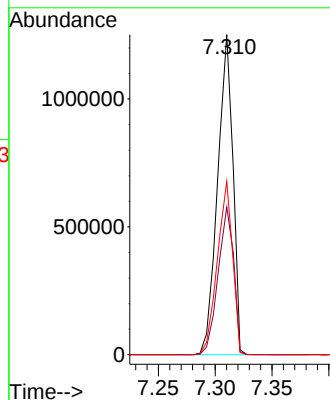
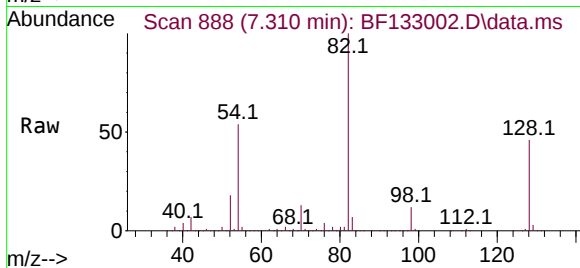
BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLERE

Tgt Ion: 82 Resp: 1173995

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.7	56.5
54	54.2	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1308

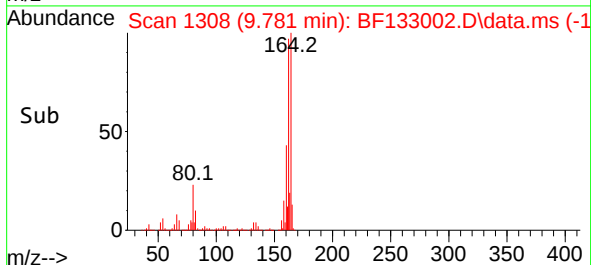
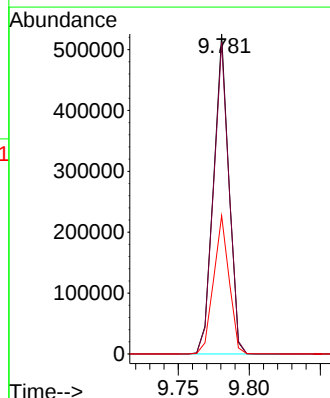
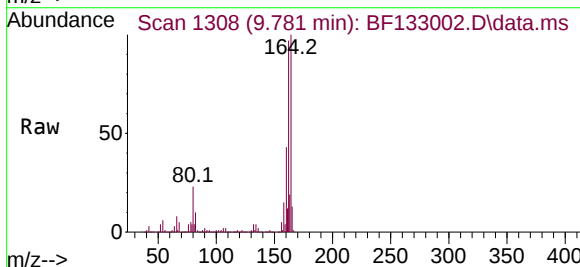
Delta R.T. -0.012 min

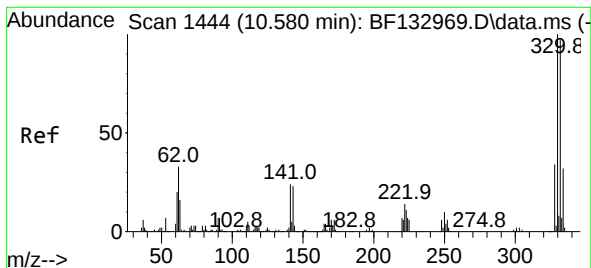
Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Tgt Ion:164 Resp: 394031

Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.7	118.1
160	43.2	35.8	53.6

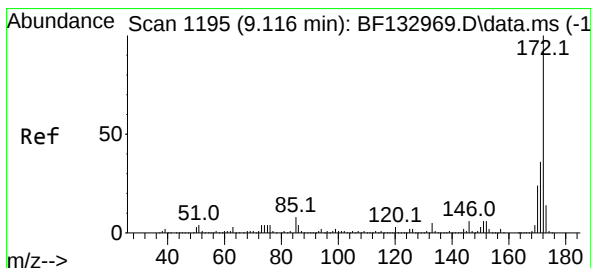
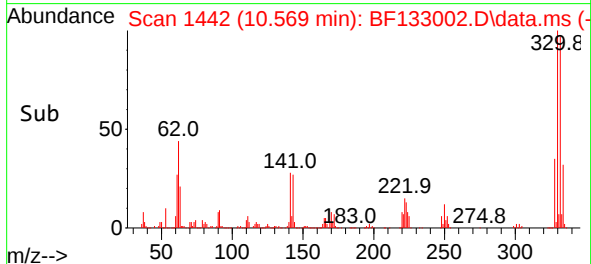
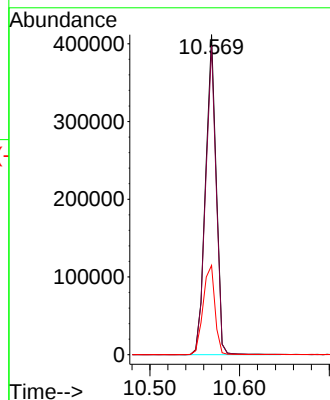
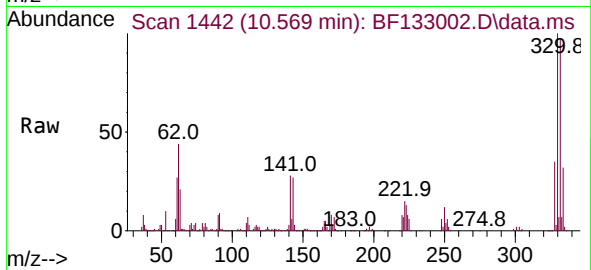




#42
2,4,6-Tribromophenol
Concen: 85.481 ng
RT: 10.569 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

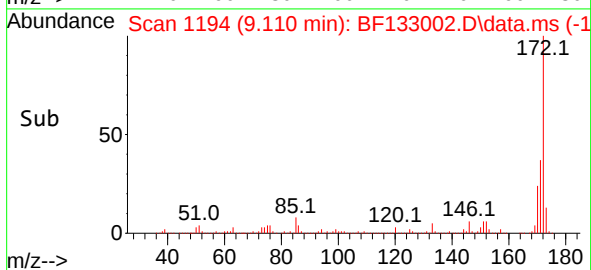
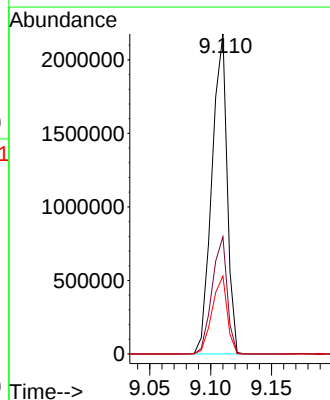
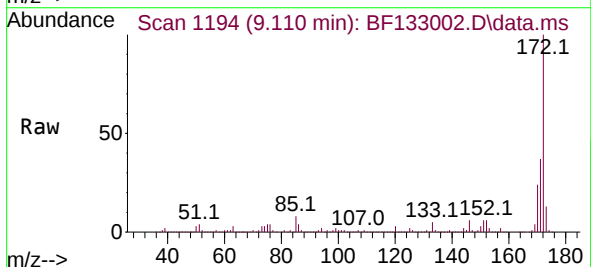
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLERE

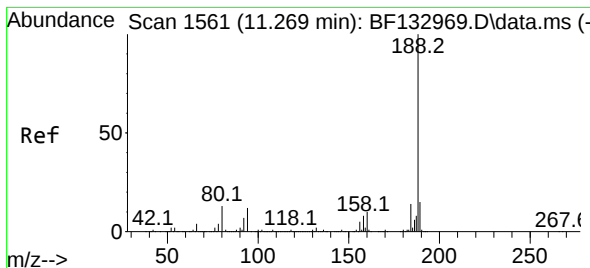
Tgt Ion:330 Resp: 338740
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 80.416 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133002.D
Acq: 24 Apr 2023 18:50

Tgt Ion:172 Resp: 1893994
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLERE

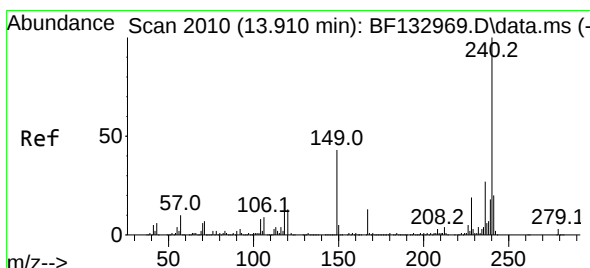
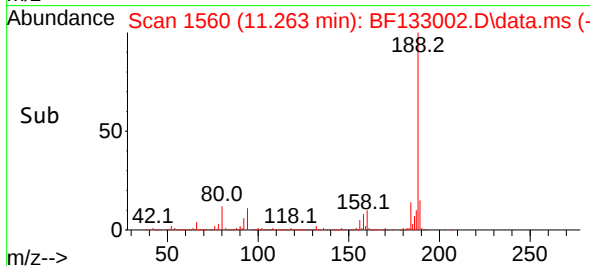
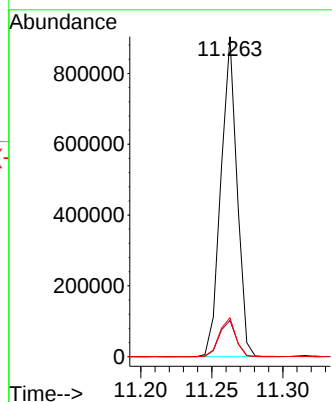
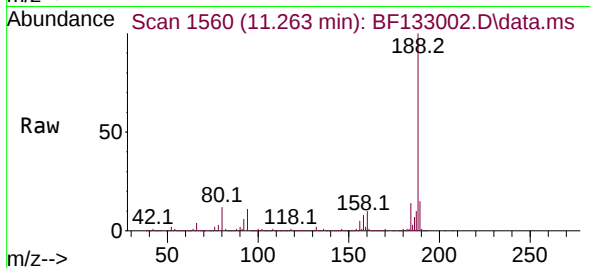
Tgt Ion:188 Resp: 711864

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 12.2 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.012 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

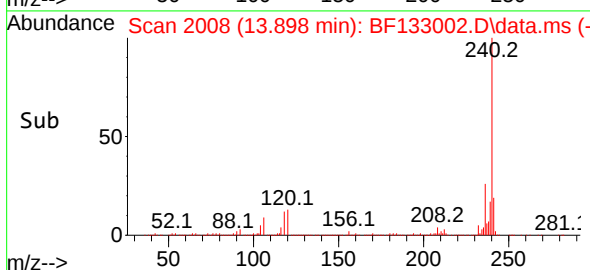
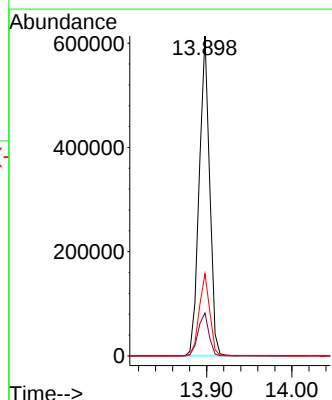
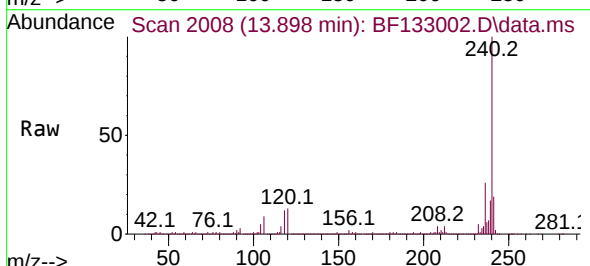
Tgt Ion:240 Resp: 523017

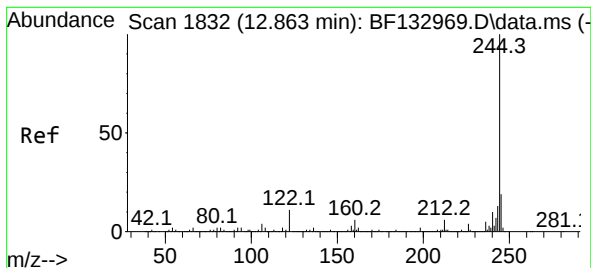
Ion Ratio Lower Upper

240 100

120 13.4 10.5 15.7

236 25.7 21.5 32.3





#79

Terphenyl-d14

Concen: 75.703 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLERE

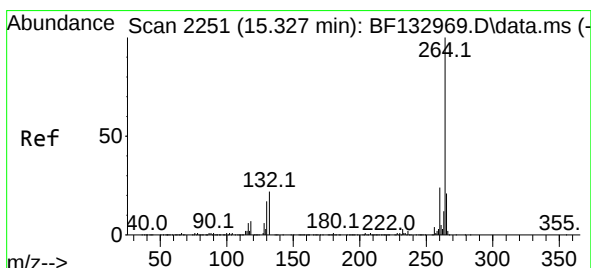
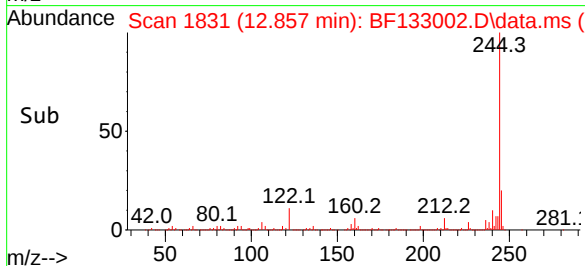
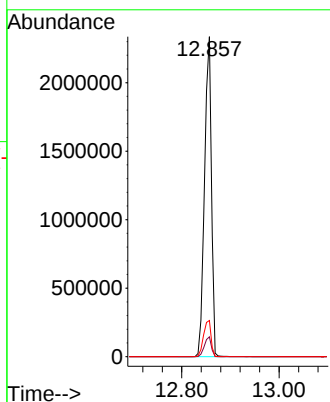
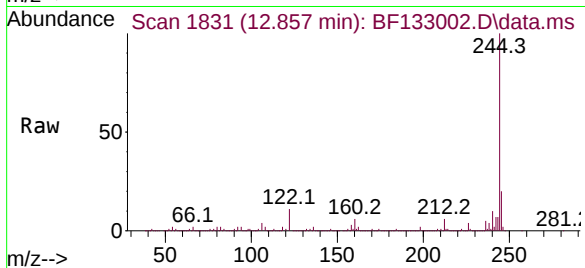
Tgt Ion:244 Resp: 2295747

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 11.3 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.006 min

Lab File: BF133002.D

Acq: 24 Apr 2023 18:50

Tgt Ion:264 Resp: 427603

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.4 17.0 25.4

