

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132994.D
 Acq On : 24 Apr 2023 14:35
 Operator : CG\JU
 Sample : 02468-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 24 16:59:09 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	225205	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	923460	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	473921	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	800575	20.000	ng	0.00
76) Chrysene-d12	13.898	240	504497	20.000	ng	-0.01
86) Perylene-d12	15.321	264	436010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	589634	39.551	ng	0.00
7) Phenol-d6	6.375	99	439887	23.772	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1444082	84.408	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	368814	77.381	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	2259302	79.756	ng	0.00
79) Terphenyl-d14	12.857	244	2339406	79.975	ng	0.00

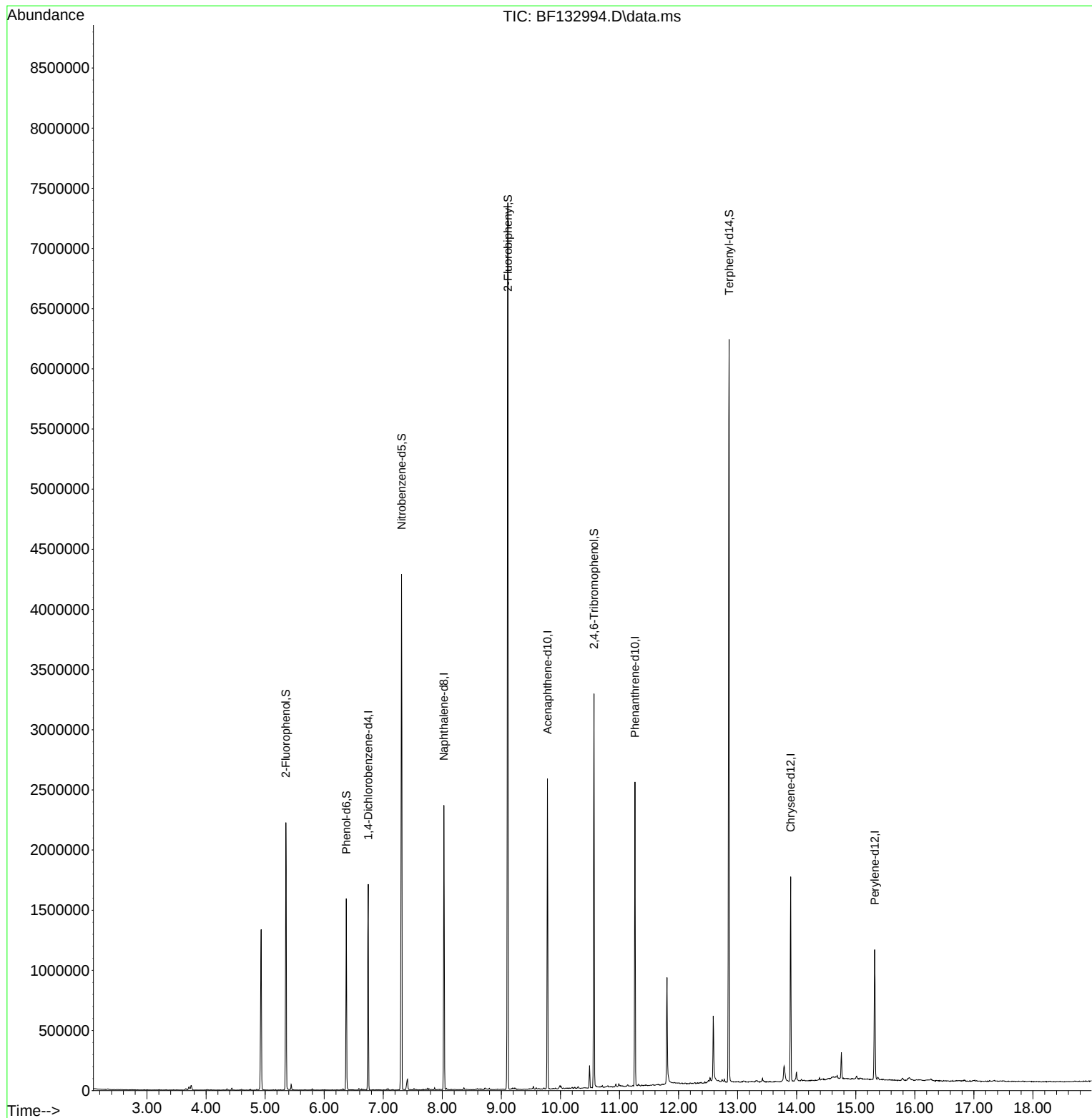
Target Compounds	Qvalue

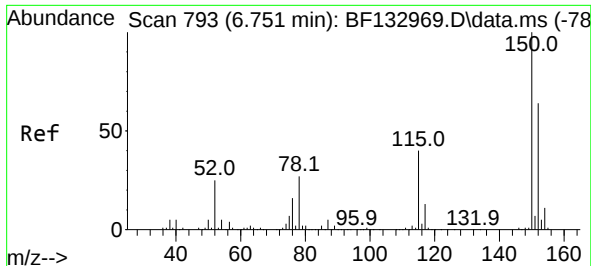
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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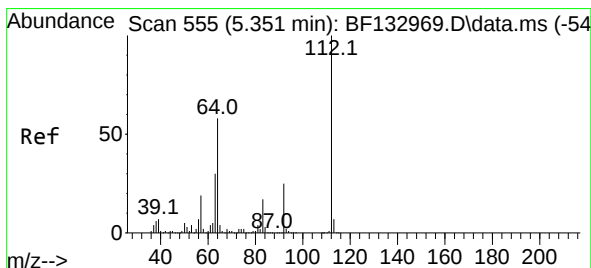
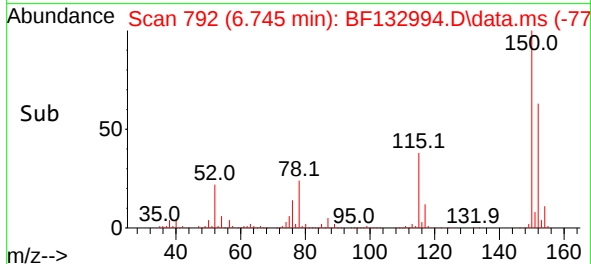
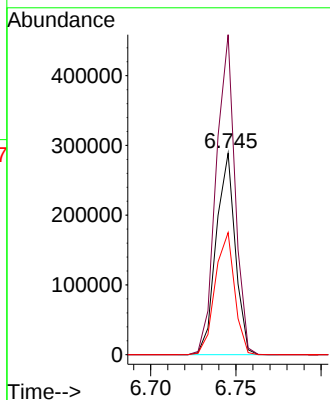
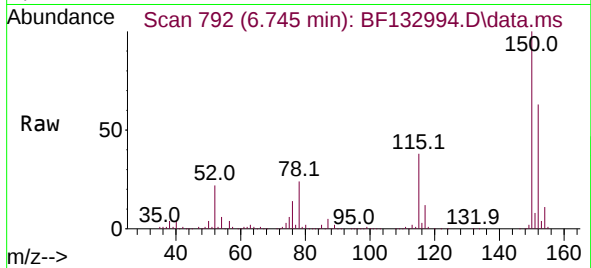




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

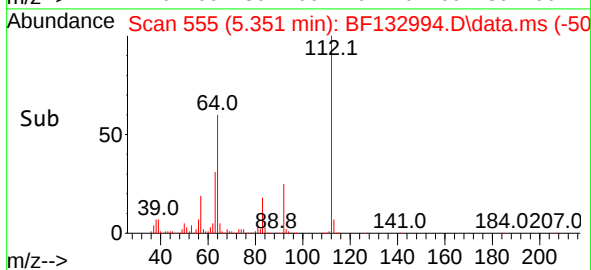
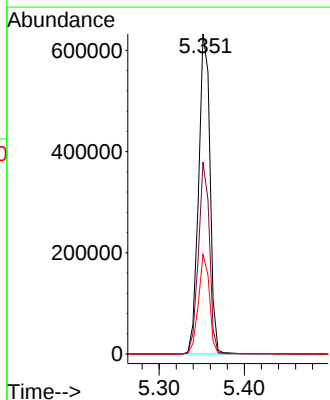
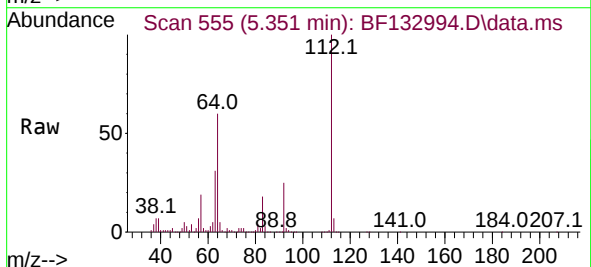
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLE

Tgt Ion:152 Resp: 225205
Ion Ratio Lower Upper
152 100
150 158.9 124.8 187.2
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 39.551 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion:112 Resp: 589634
Ion Ratio Lower Upper
112 100
64 60.0 46.8 70.2
63 31.1 23.8 35.8

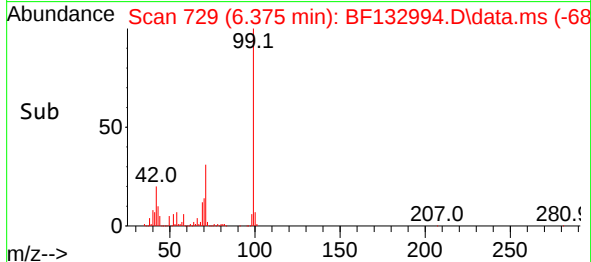
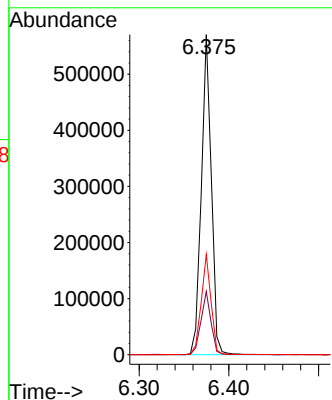
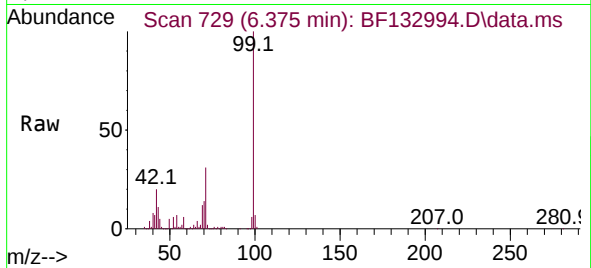




#7
Phenol-d6
Concen: 23.772 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

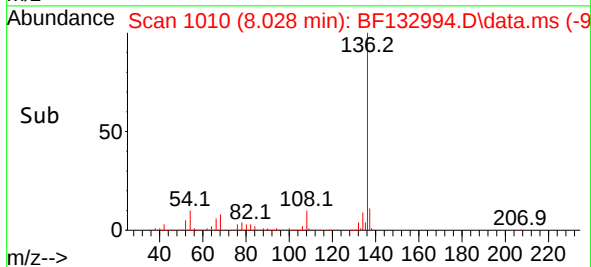
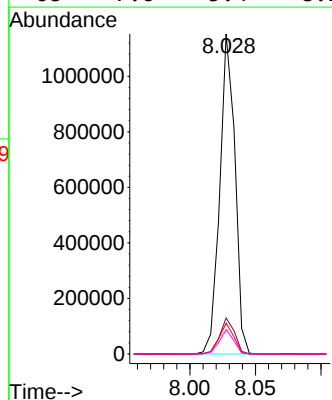
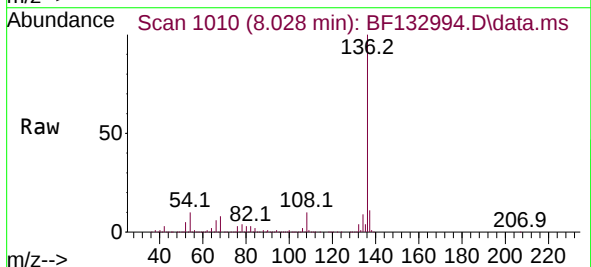
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLE

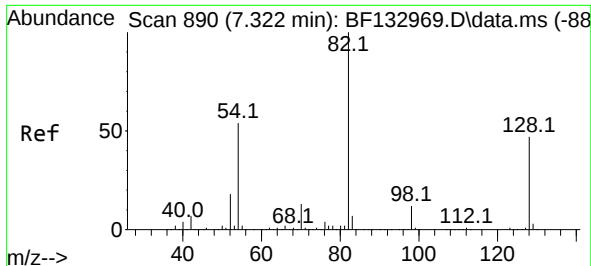
Tgt Ion: 99 Resp: 439887
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 31.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion: 136 Resp: 923460
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.6 7.0 10.4
68 7.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 84.408 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF132994.D

Acq: 24 Apr 2023 14:35

Instrument :

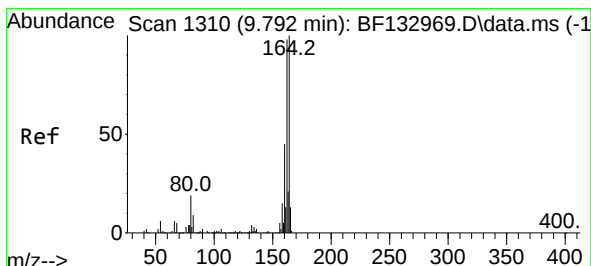
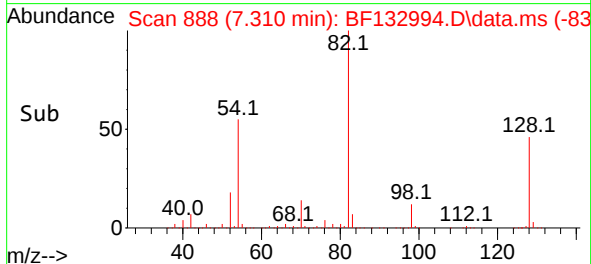
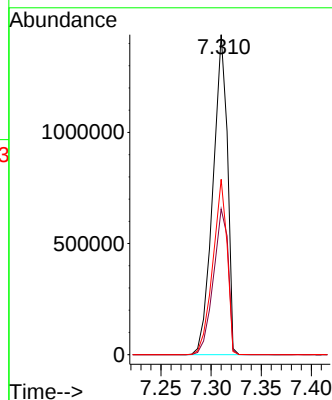
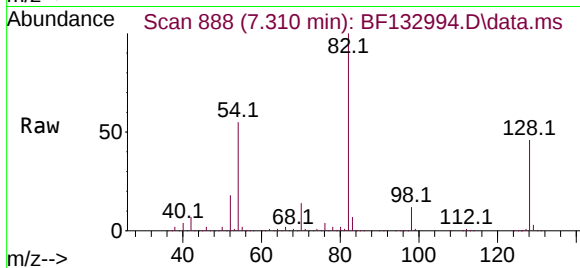
BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLE

Tgt Ion: 82 Resp: 1444082

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.7	56.5
54	54.8	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

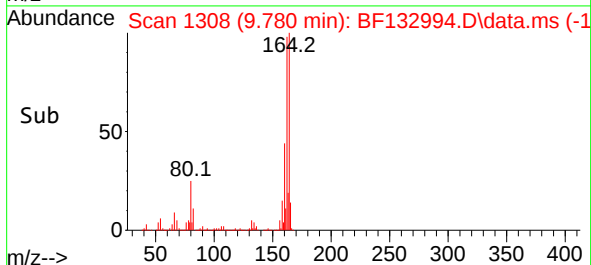
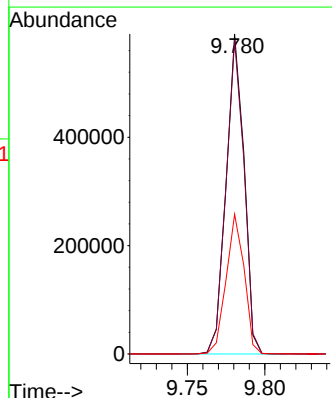
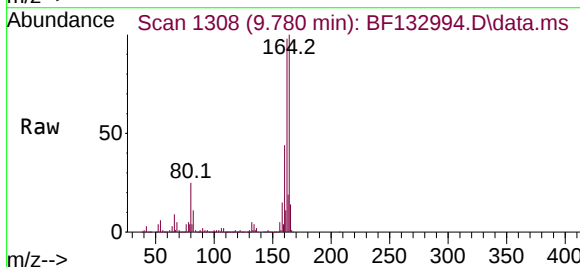
Delta R.T. -0.012 min

Lab File: BF132994.D

Acq: 24 Apr 2023 14:35

Tgt Ion: 164 Resp: 473921

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.7	118.1
160	43.6	35.8	53.6

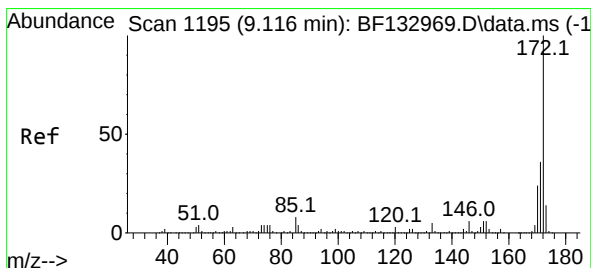
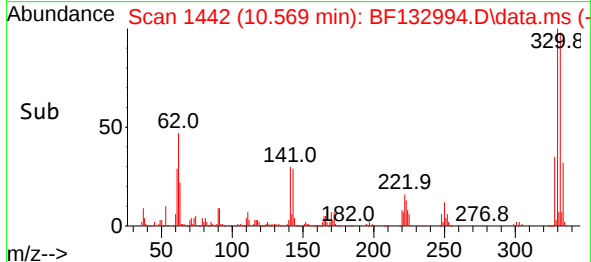
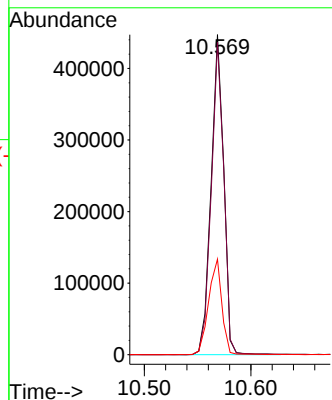
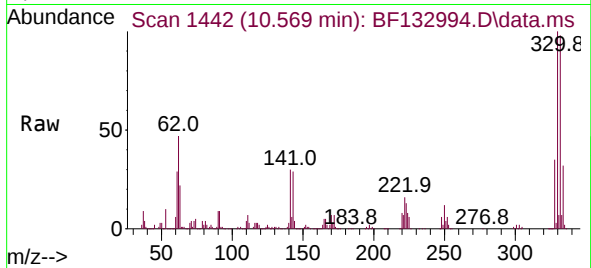




#42
2,4,6-Tribromophenol
Concen: 77.381 ng
RT: 10.569 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

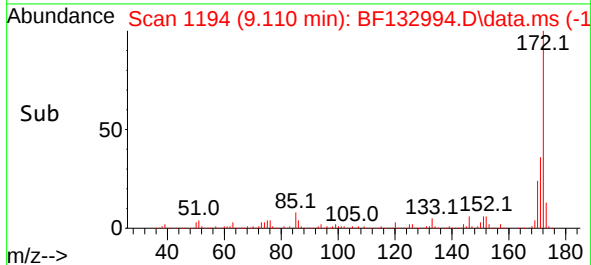
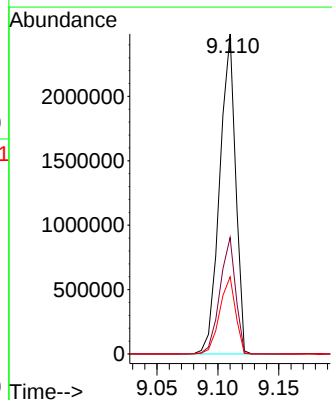
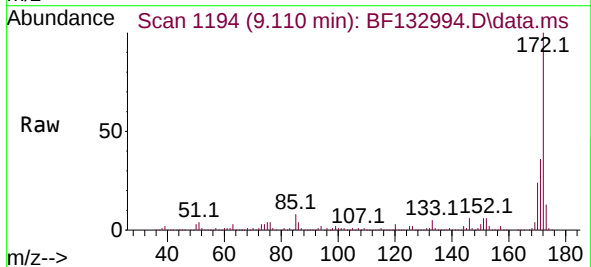
Instrument :
BNA_F
ClientSampleId :
SUMP-PUMP-GW-SAMPLE

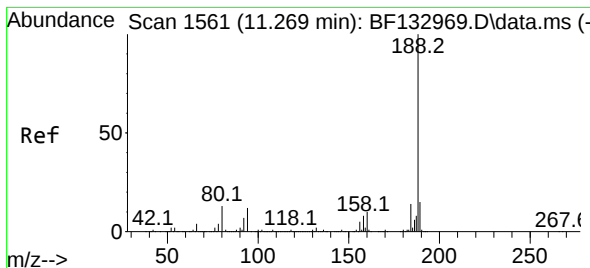
Tgt Ion:330 Resp: 368814
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.756 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132994.D
Acq: 24 Apr 2023 14:35

Tgt Ion:172 Resp: 2259302
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132994.D

Acq: 24 Apr 2023 14:35

Instrument :

BNA_F

ClientSampleId :

SUMP-PUMP-GW-SAMPLE

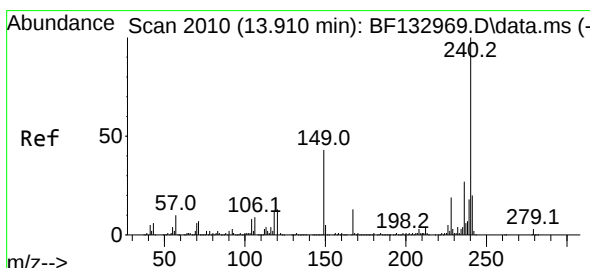
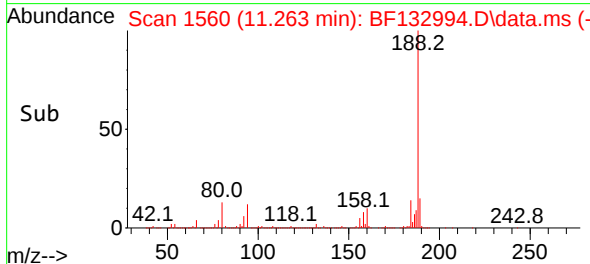
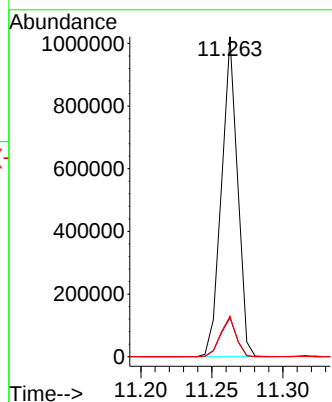
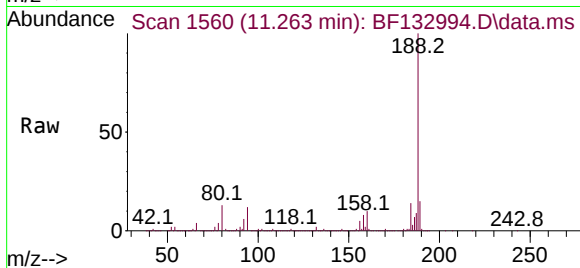
Tgt Ion:188 Resp: 800575

Ion Ratio Lower Upper

188 100

94 12.1 9.7 14.5

80 12.6 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: BF132994.D

Acq: 24 Apr 2023 14:35

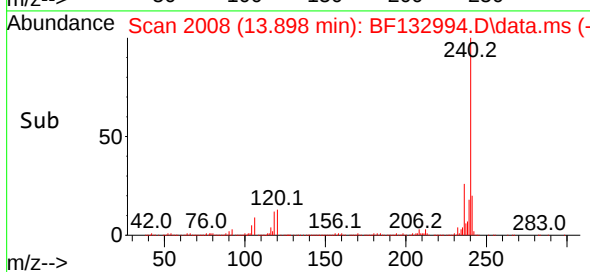
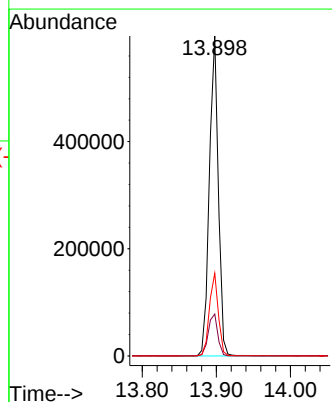
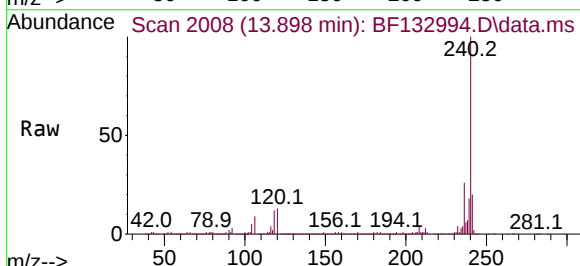
Tgt Ion:240 Resp: 504497

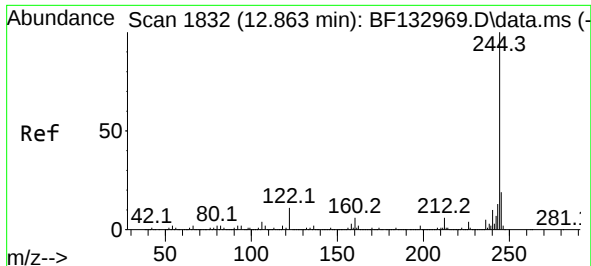
Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

236 25.8 21.5 32.3

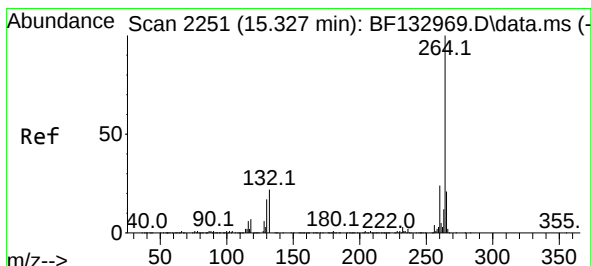
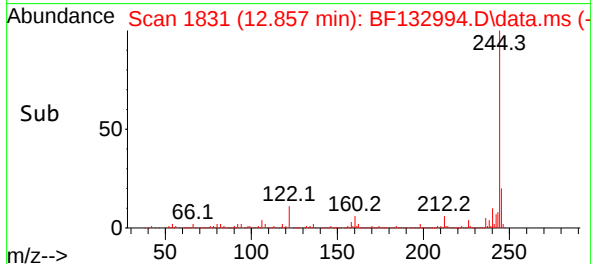
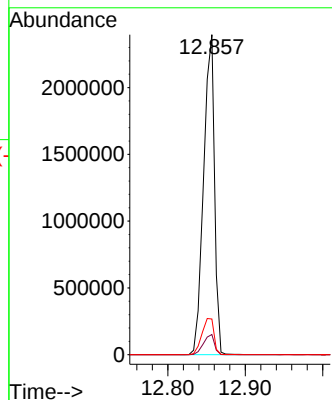
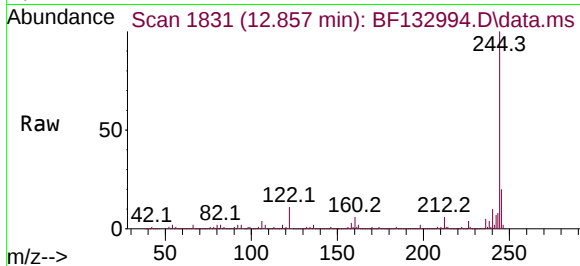




#79
 Terphenyl-d14
 Concen: 79.975 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132994.D
 Acq: 24 Apr 2023 14:35

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

Tgt Ion:244 Resp: 2339406
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.2 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: BF132994.D
 Acq: 24 Apr 2023 14:35

Tgt Ion:264 Resp: 436010
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.6 17.0 25.4

