

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112380.D
 Acq On : 4 Feb 2019 15:19
 Operator : JU/SJ
 Sample : K1312-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Time: Feb 04 16:09:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

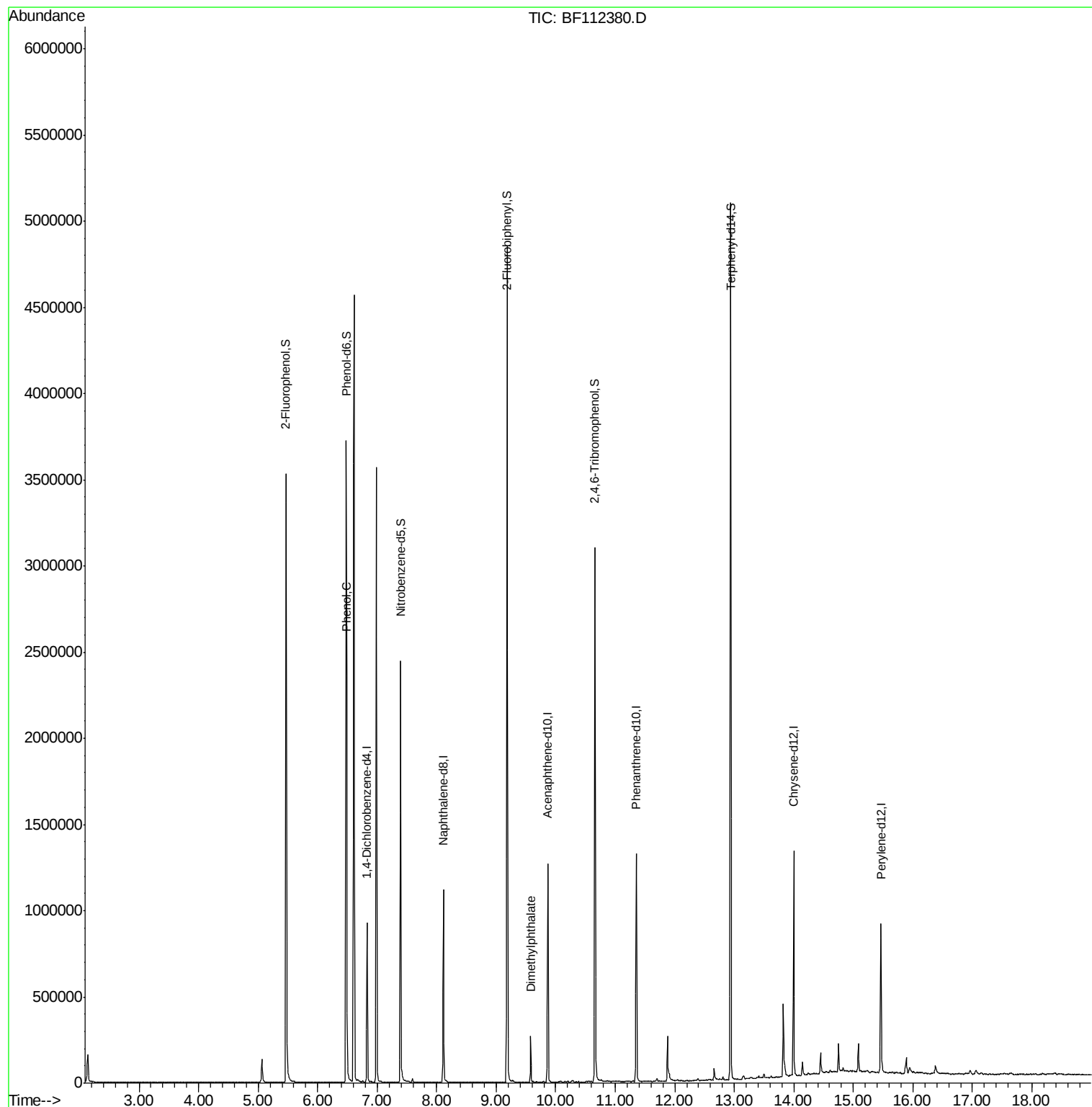
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	143566	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	544618	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	265385	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	526844	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	461478	20.00	ng	-0.01
87) Perylene-d12	15.46	264	354360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1091868	161.54	ng	0.00
7) Phenol-d6	6.48	99	1371596	146.04	ng	-0.01
23) Nitrobenzene-d5	7.39	82	856475	90.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	422512	136.78	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1555919	82.92	ng	-0.02
79) Terphenyl-d14	12.94	244	1706929	69.67	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	23843	2.314	ng	90
50) Dimethylphthalate	9.58	163	111680	5.416	ng	99

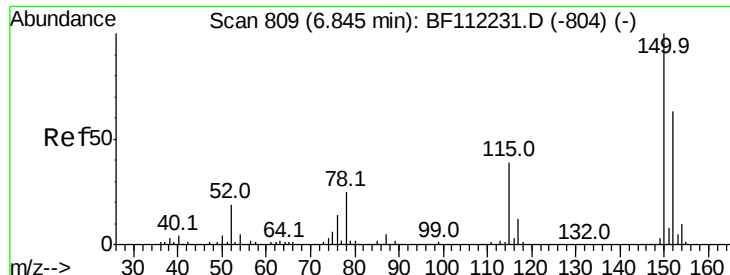
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112380.D
Acq On : 4 Feb 2019 15:19
Operator : JU/SJ
Sample : K1312-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Quant Time: Feb 04 16:09:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



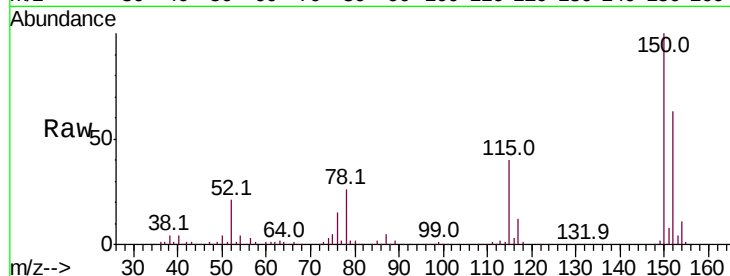


#1

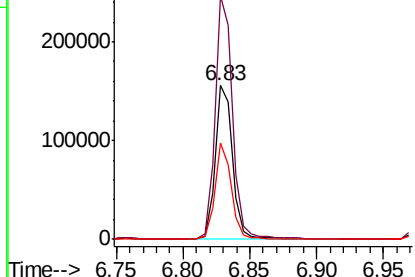
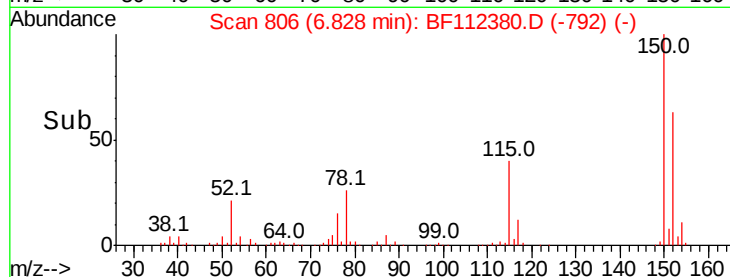
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112380.D
 Acq: 4 Feb 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tot Ion:152 Resp: 143566
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.4 191.0
 115 62.8 45.5 68.3



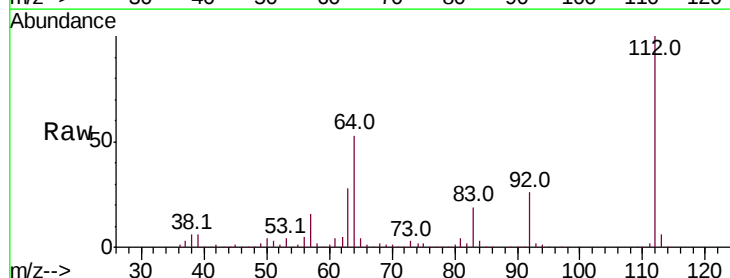
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



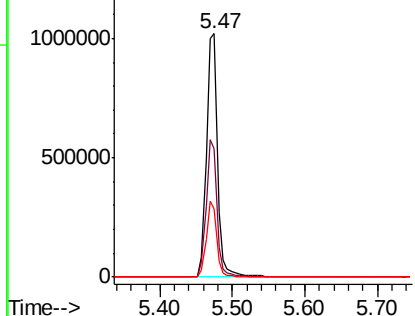
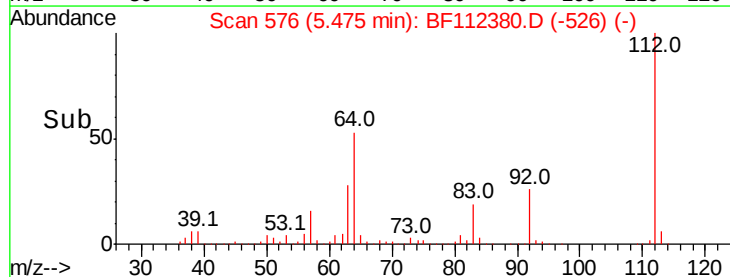
#5

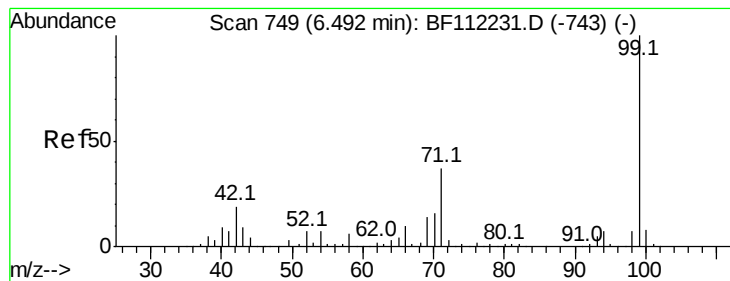
2-Fluorophenol
 Concen: 161.542 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112380.D
 Acq: 4 Feb 2019 15:19

Tgt Ion:112 Resp: 1091868
 Ion Ratio Lower Upper
 112 100
 64 52.7 45.7 68.5
 63 28.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 146.039 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112380.D

Acq: 4 Feb 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

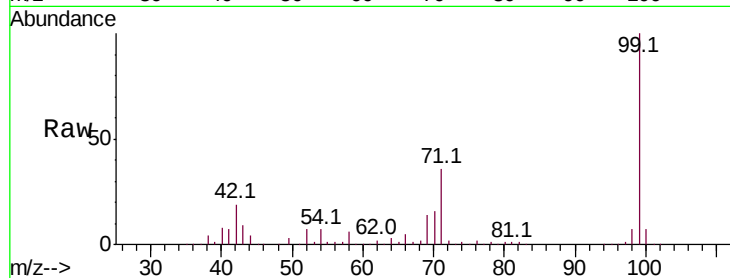
Tot Ion: 99 Resp: 1371596

Ion Ratio Lower Upper

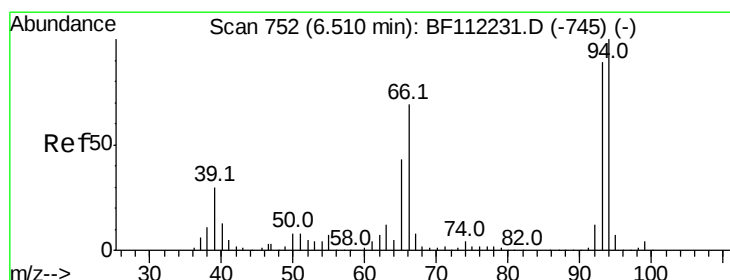
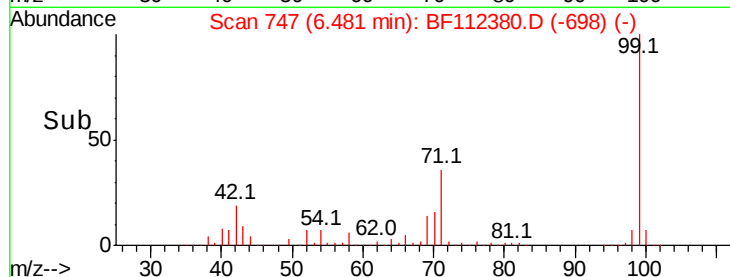
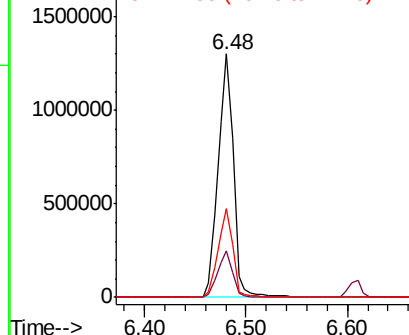
99 100

42 19.3 15.1 22.7

71 36.3 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.314 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112380.D

Acq: 4 Feb 2019 15:19

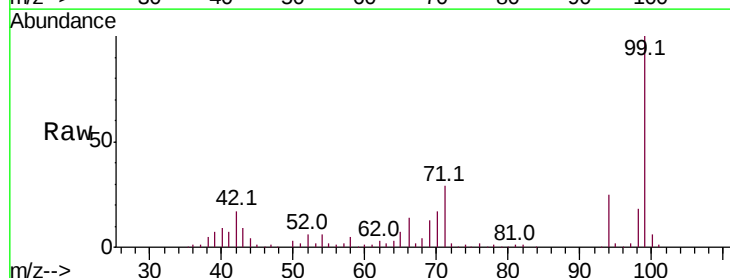
Tgt Ion: 94 Resp: 23843

Ion Ratio Lower Upper

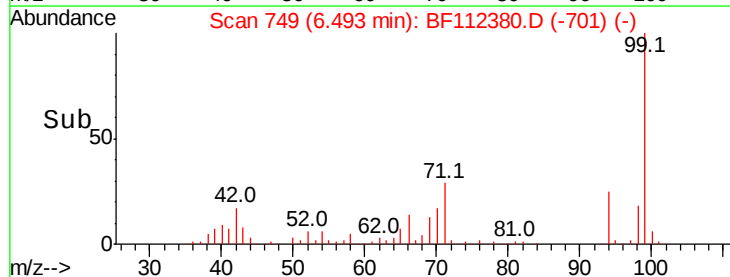
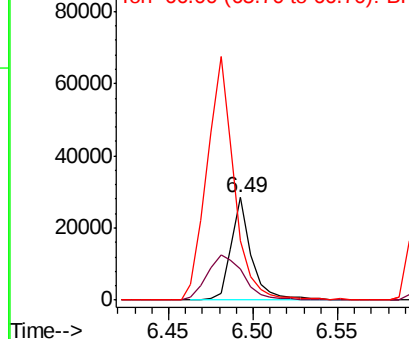
94 100

65 30.0 20.3 60.3

66 57.4 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112380.D

Acq: 4 Feb 2019 15:19

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

Tot Ion:136 Resp: 544618

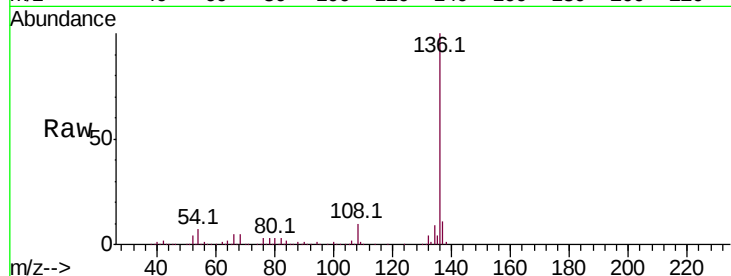
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 5.1 5.1 7.7

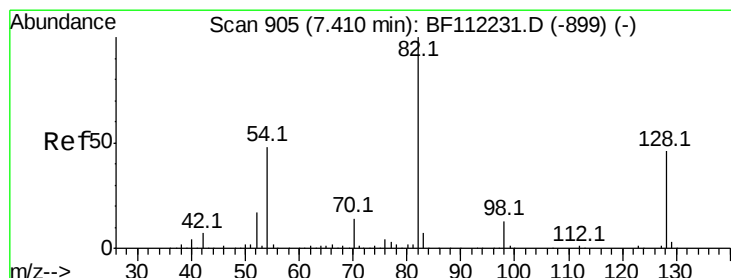
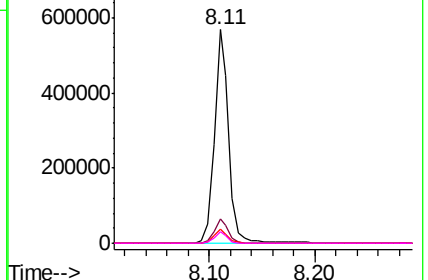
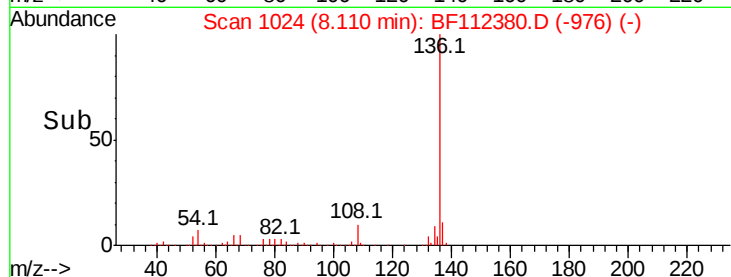


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 90.614 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112380.D

Acq: 4 Feb 2019 15:19

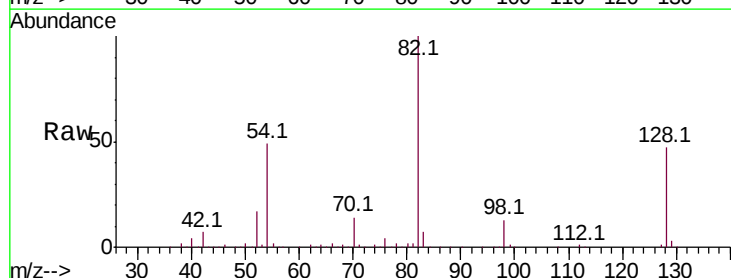
Tgt Ion: 82 Resp: 856475

Ion Ratio Lower Upper

82 100

128 46.6 37.8 56.8

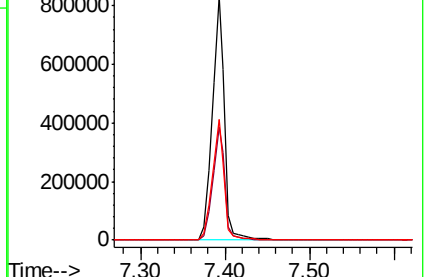
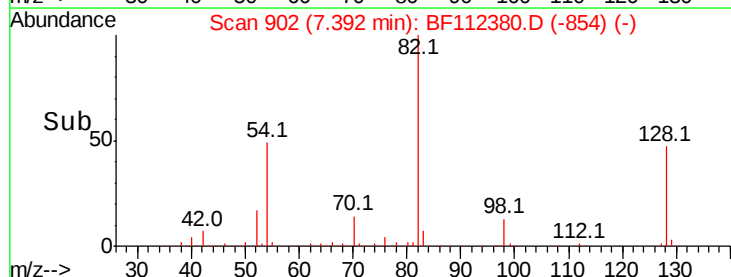
54 49.4 39.7 59.5

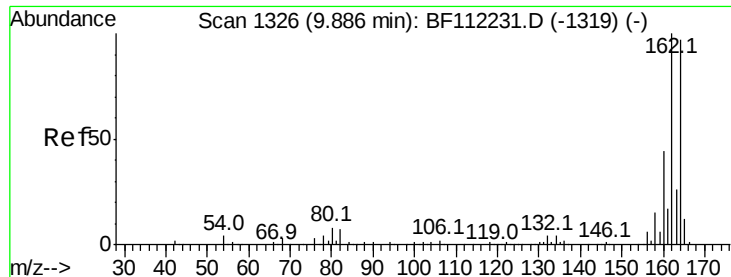


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

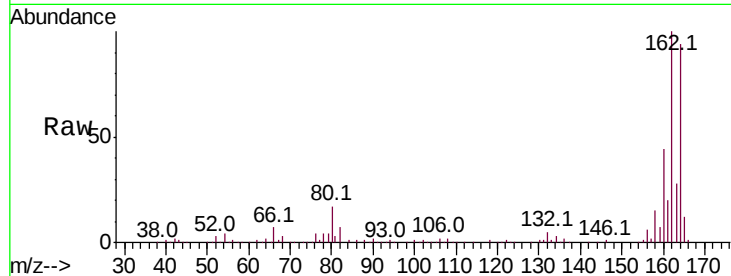




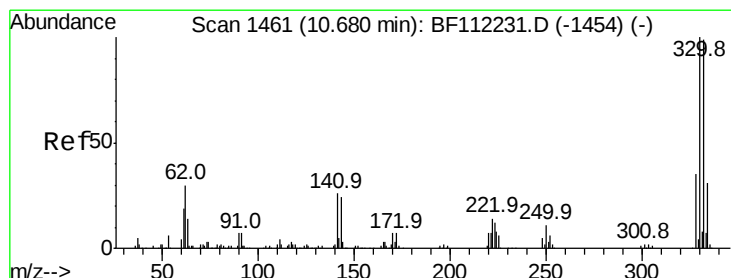
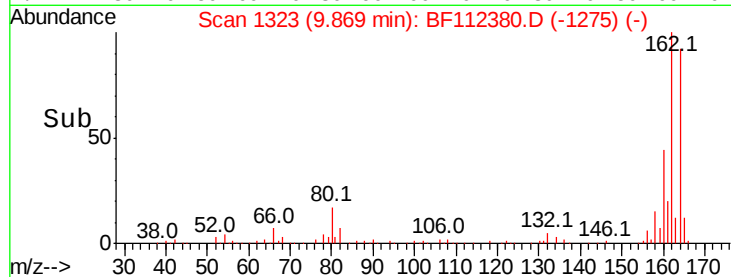
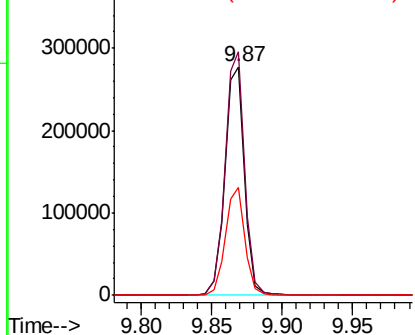
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112380.D
Acq: 4 Feb 2019 15:19

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.2	123.4
160	46.9	36.2	54.4

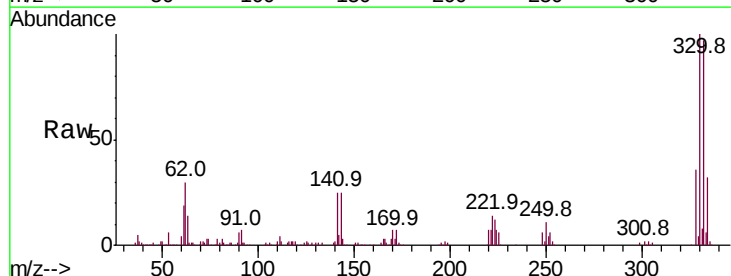


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

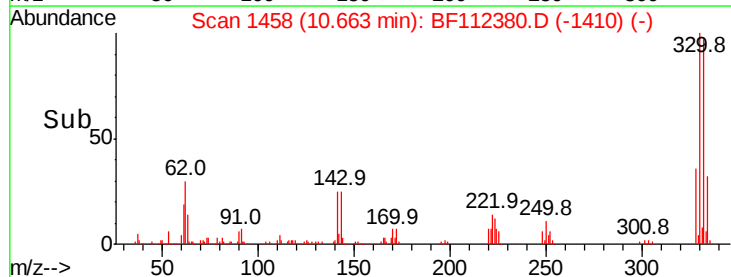
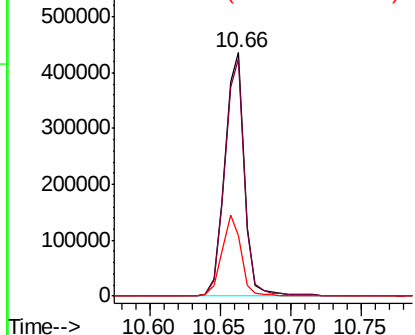


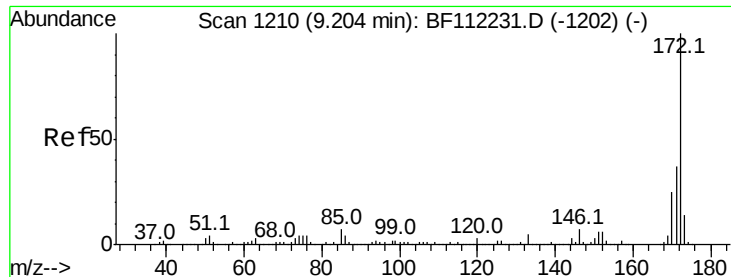
#42
2,4,6-Tribromophenol
Concen: 136.779 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112380.D
Acq: 4 Feb 2019 15:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	32.4	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

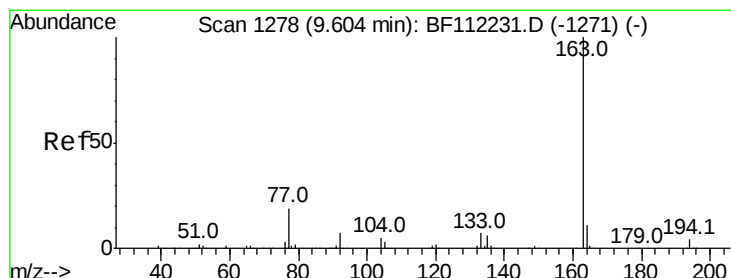
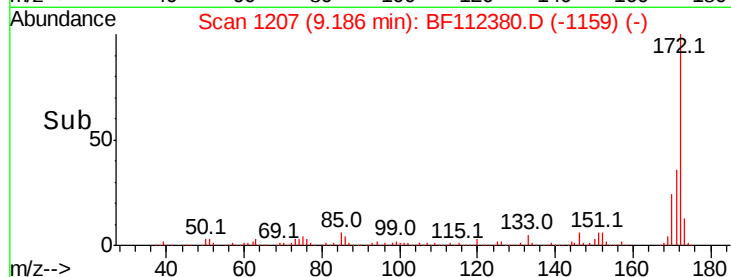
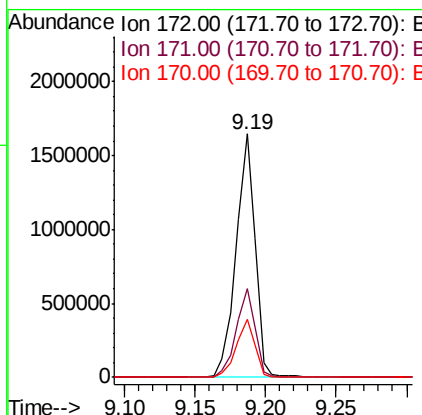
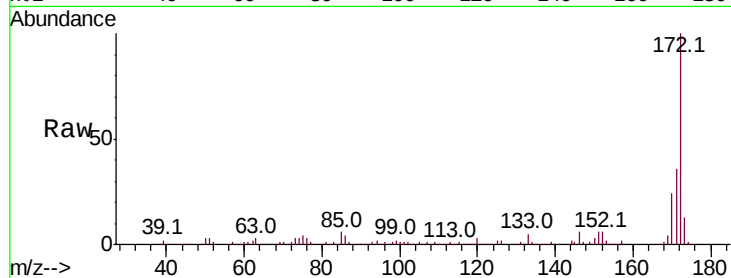




#45
2-Fluorobiphenyl
Concen: 82.921 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112380.D
Acq: 4 Feb 2019 15:19

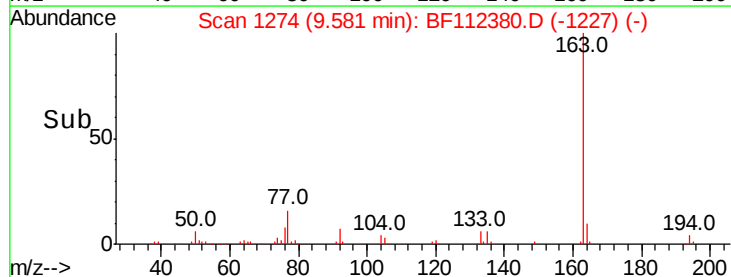
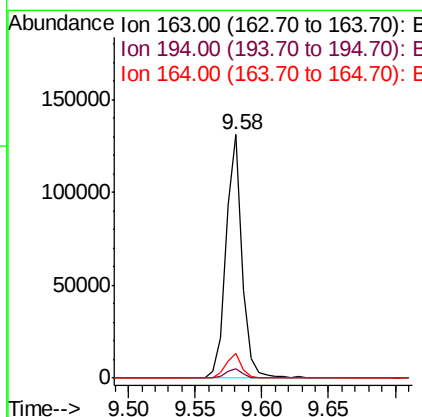
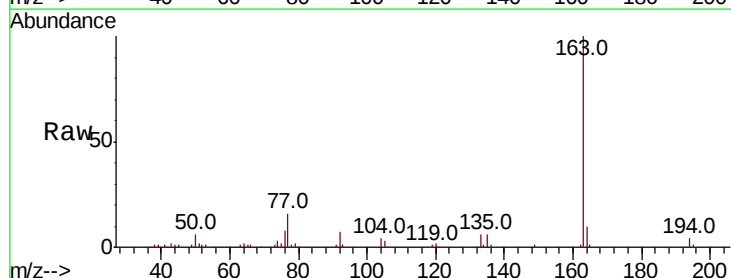
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

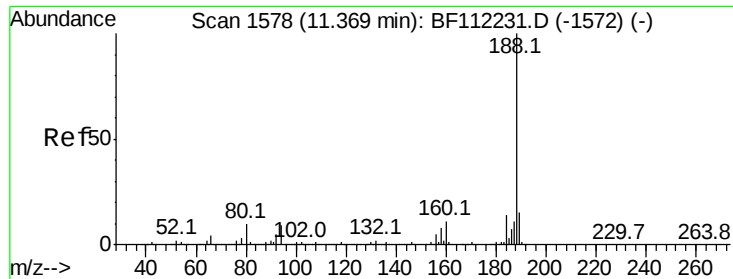
Tot Ion:172 Resp: 1555919
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 24.1 20.2 30.4



#50
Dimethylphthalate
Concen: 5.416 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112380.D
Acq: 4 Feb 2019 15:19

Tgt Ion:163 Resp: 111680
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.5 12.7

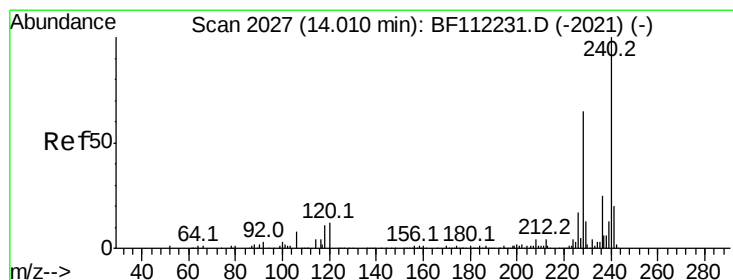
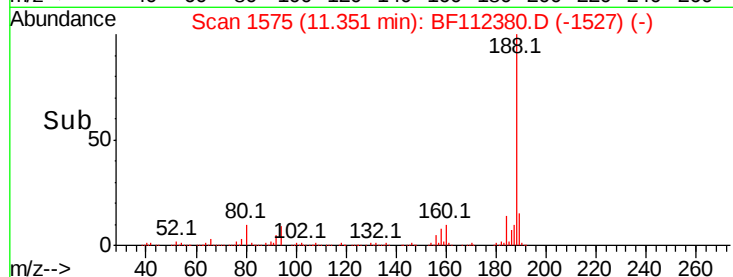
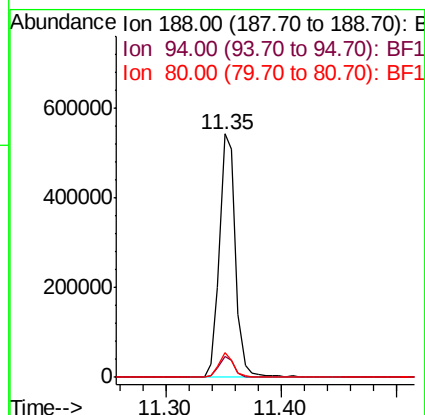
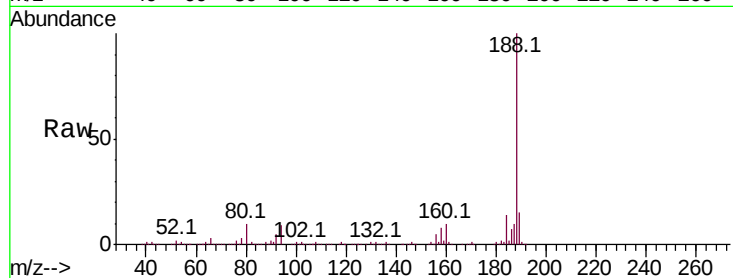




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112380.D
Acq: 4 Feb 2019 15:19

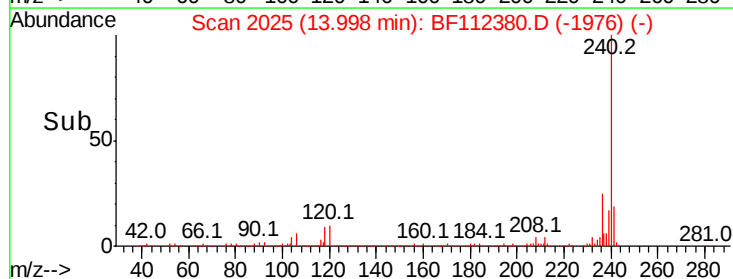
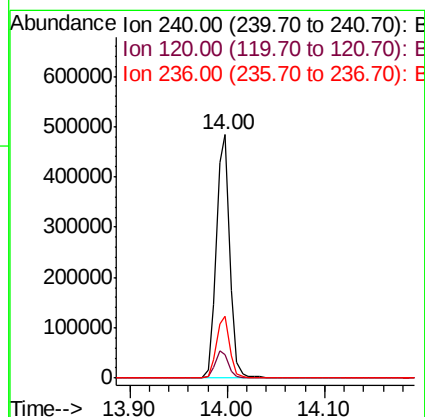
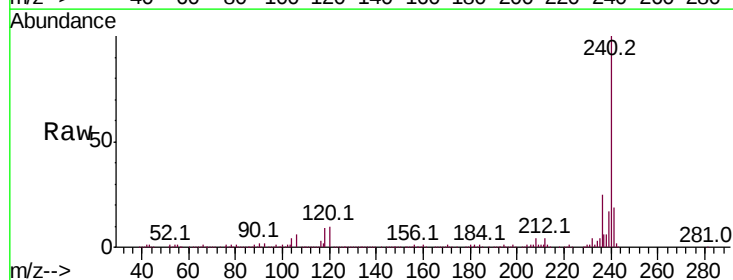
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

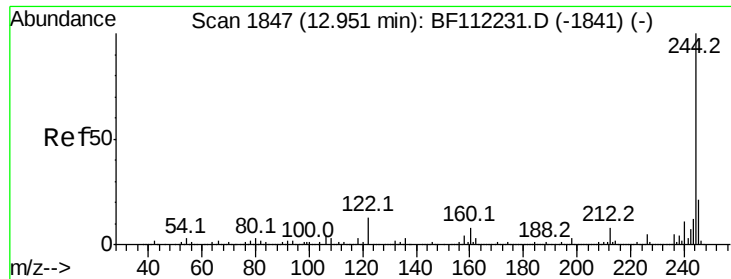
Tot Ion:188 Resp: 526844
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112380.D
Acq: 4 Feb 2019 15:19

Tgt Ion:240 Resp: 461478
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 25.2 20.7 31.1



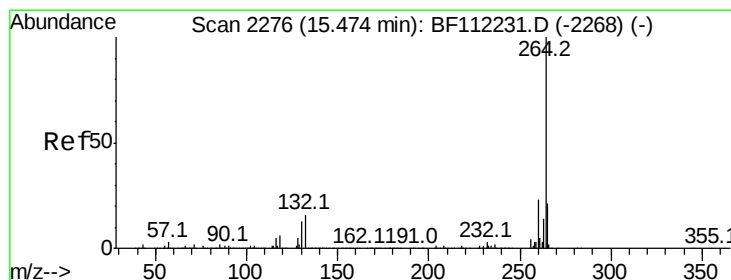
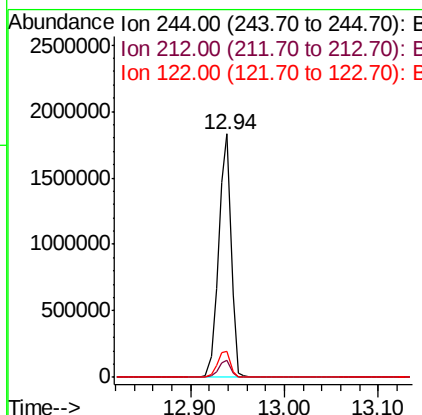
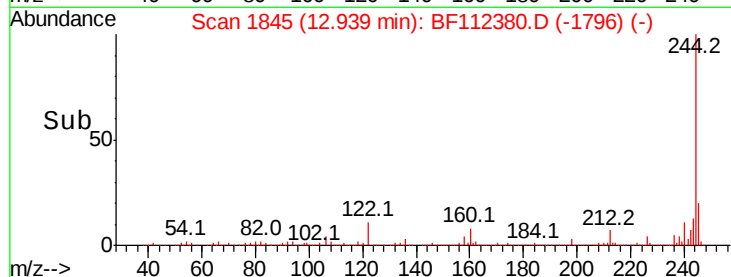
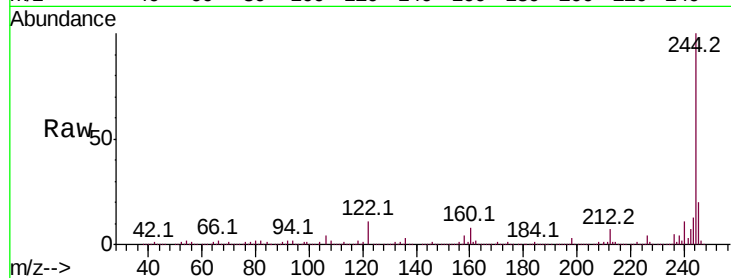


#79
 Terphenyl-d14
 Concen: 69.665 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112380.D
 Acq: 4 Feb 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tot Ion:244 Resp: 1706929

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.8	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112380.D
 Acq: 4 Feb 2019 15:19

Tgt Ion:264 Resp: 354360

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	20.9	17.0	25.4

