

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115446.D
 Acq On : 9 Jul 2019 21:12
 Operator : HP/JU
 Sample : K3694-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GC-SOIL-PILE

Quant Time: Jul 10 04:50:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

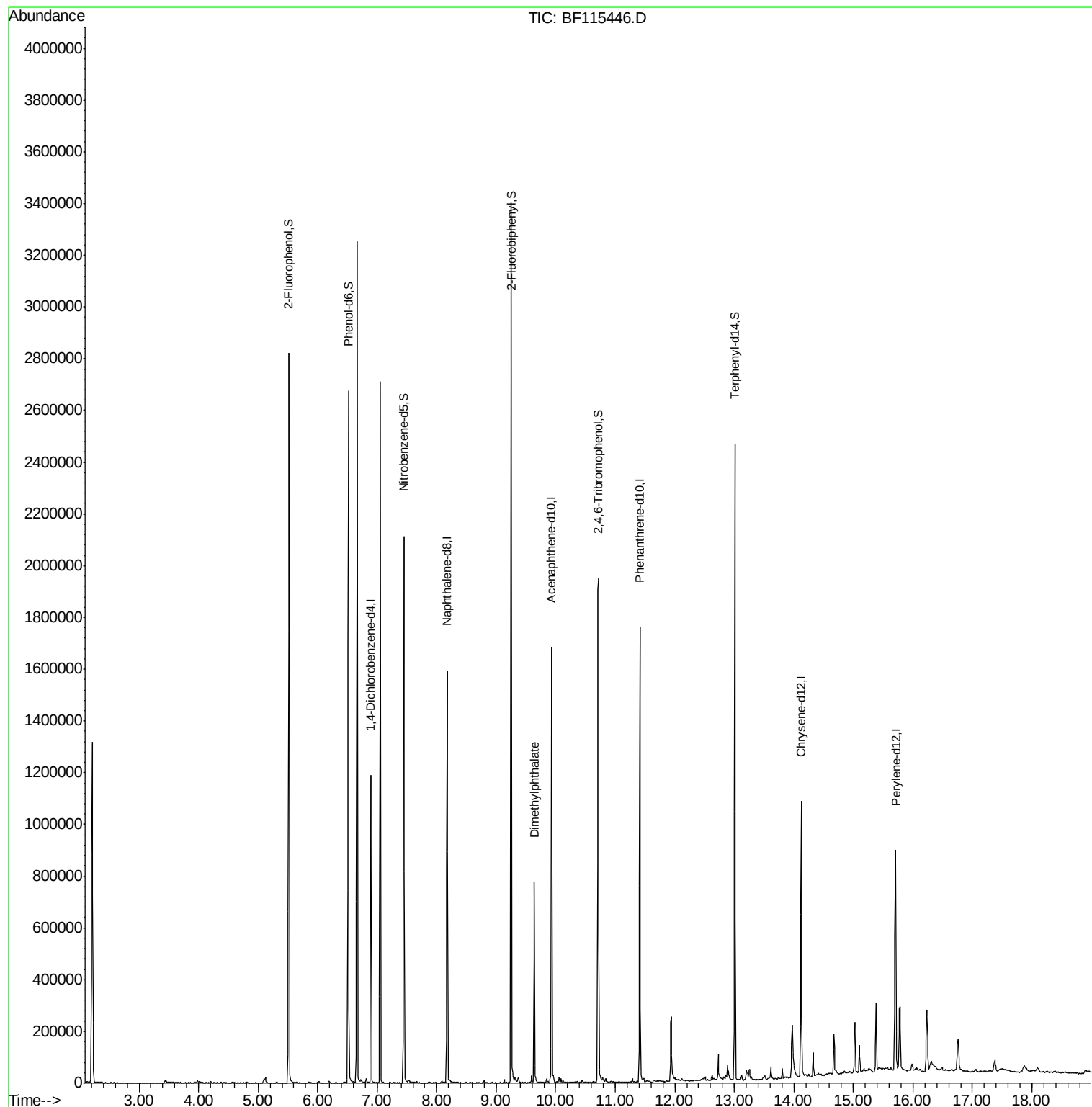
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	168544	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	650779	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	332892	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	623632	20.00	ng	0.00
76) Chrysene-d12	14.12	240	356700	20.00	ng	-0.09
87) Perylene-d12	15.71	264	424368	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	846416	77.59	ng	0.00
7) Phenol-d6	6.52	99	1109357	79.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	681542	61.88	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	274209	74.50	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1031539	54.37	ng	0.00
79) Terphenyl-d14	13.01	244	888251	50.99	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.64	163	300534	12.028	ng	Qvalue 99

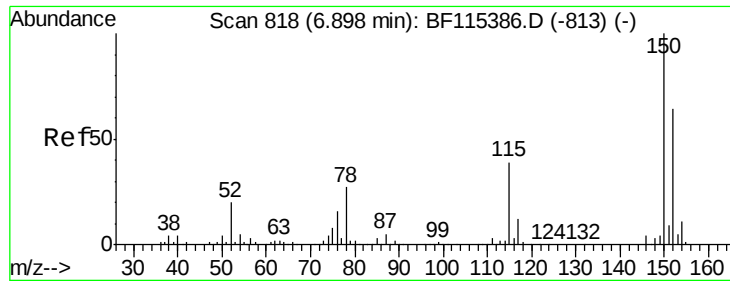
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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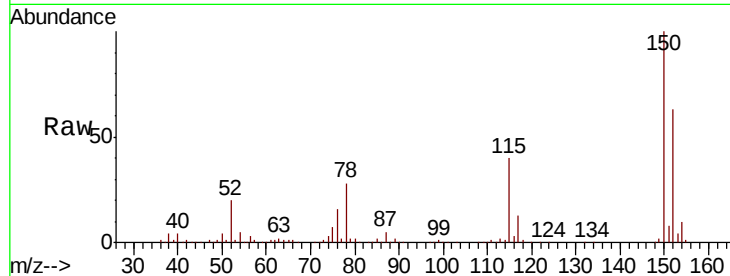


#1

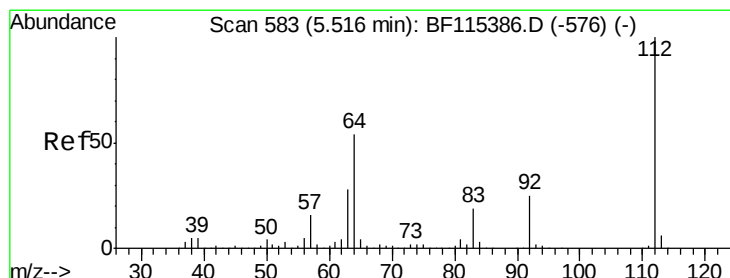
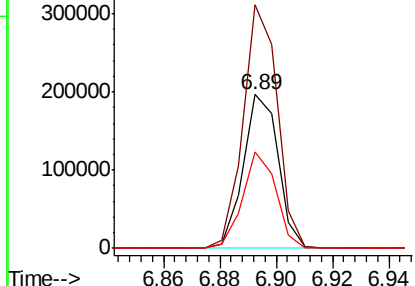
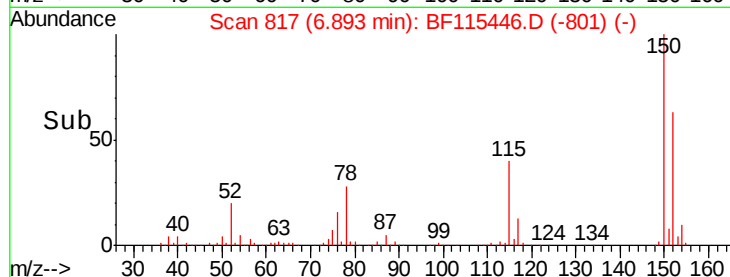
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115446.D
Acq: 9 Jul 2019 21:12

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

Tot Ion:152 Resp: 168544
Ion Ratio Lower Upper
152 100
150 158.4 126.5 189.7
115 63.1 48.6 73.0



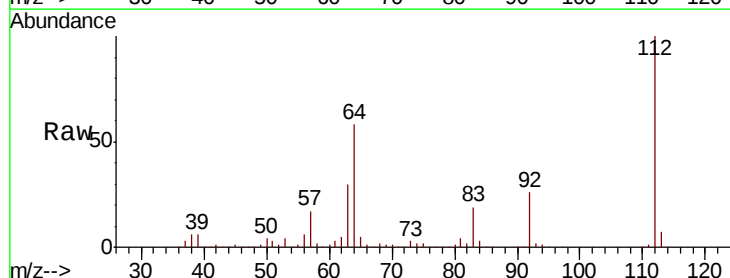
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



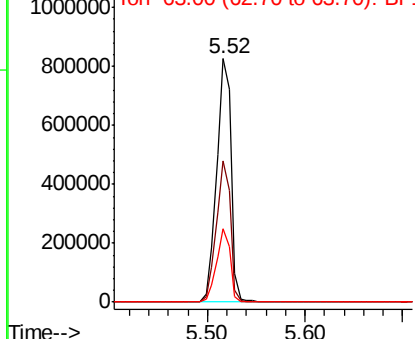
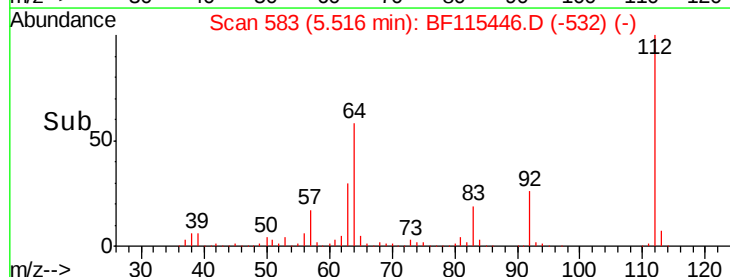
#5

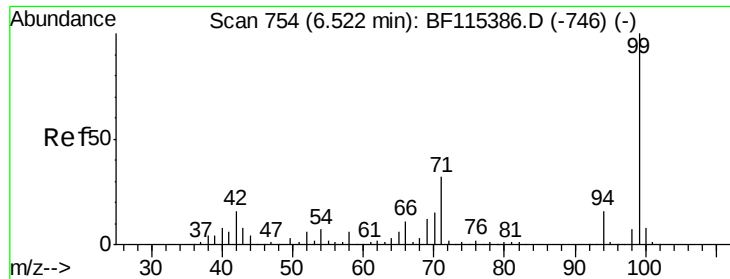
2-Fluorophenol
Concen: 77.590 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF115446.D
Acq: 9 Jul 2019 21:12

Tgt Ion:112 Resp: 846416
Ion Ratio Lower Upper
112 100
64 58.2 47.0 70.4
63 30.0 23.7 35.5



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: 79.961 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115446.D

Acq: 9 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

GC-SOIL-PILE

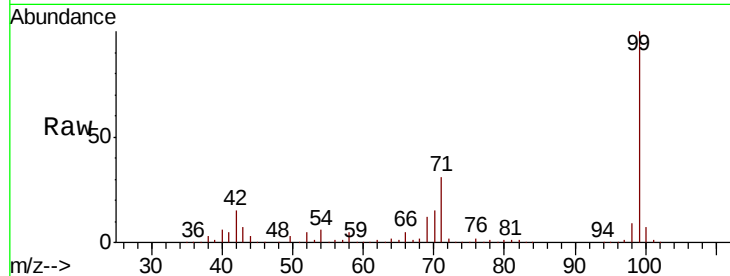
Tot Ion: 99 Resp: 1109357

Ion Ratio Lower Upper

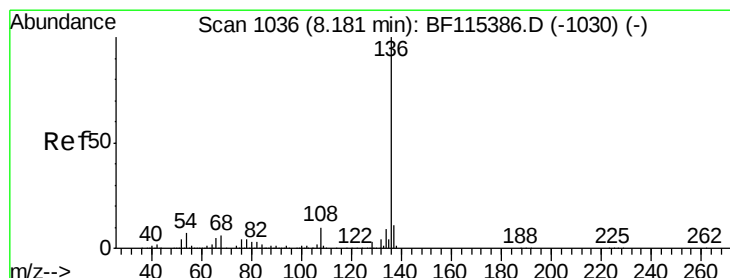
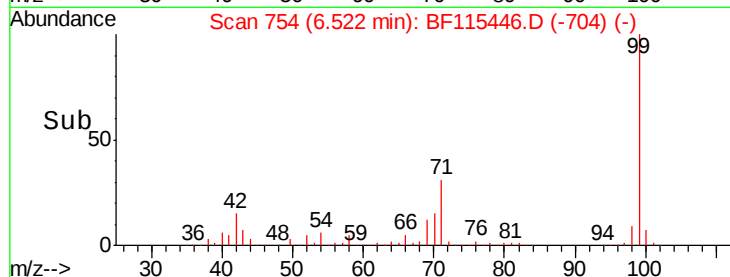
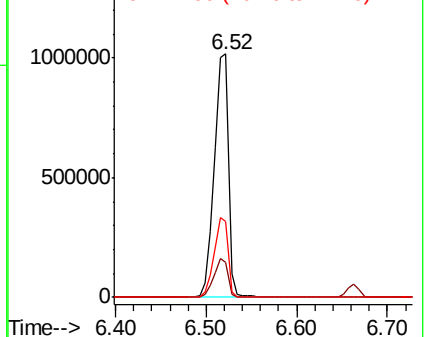
99 100

42 14.6 12.7 19.1

71 31.4 26.2 39.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115446.D

Acq: 9 Jul 2019 21:12

Tgt Ion: 136 Resp: 650779

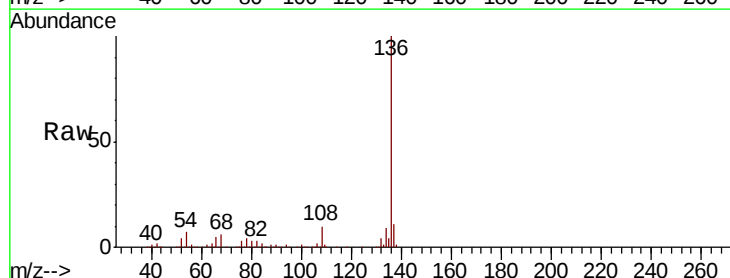
Ion Ratio Lower Upper

136 100

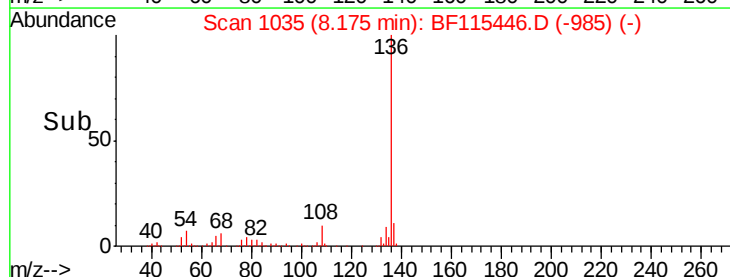
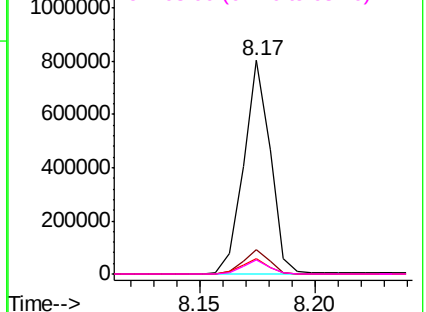
137 11.2 8.9 13.3

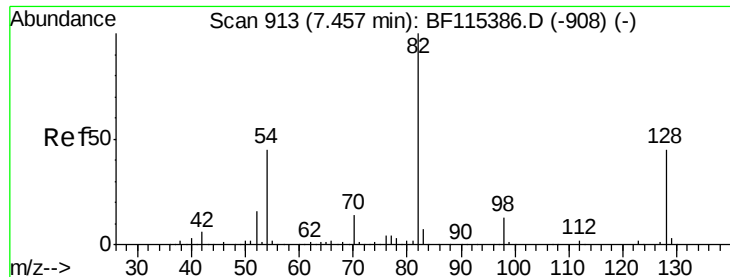
54 7.0 5.5 8.3

68 6.4 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

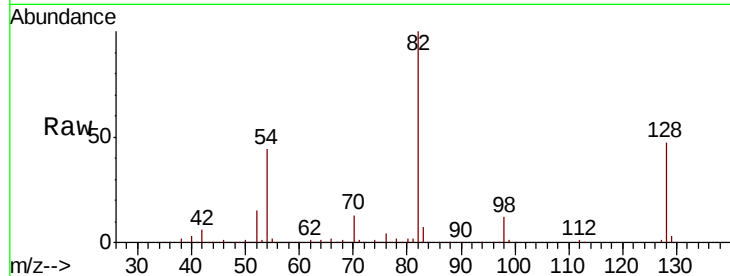




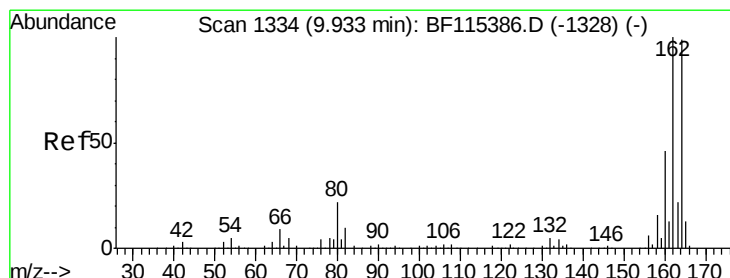
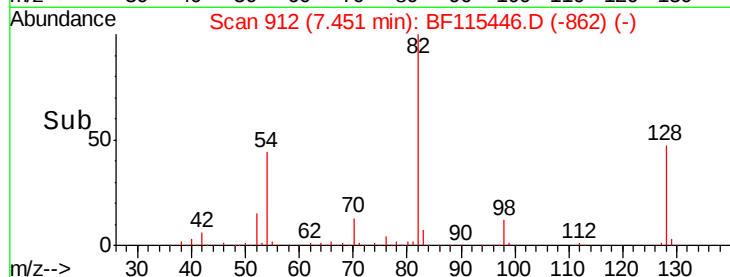
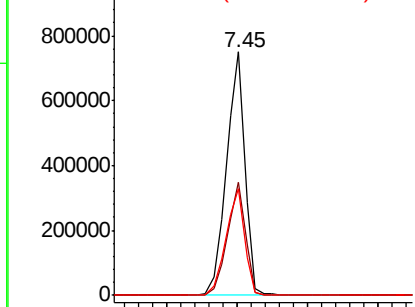
#23
 Nitrobenzene-d5
 Concen: 61.876 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115446.D
 Acq: 9 Jul 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 GC-SOIL-PILE

Tot Ion: 82 Resp: 681542
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.2 54.4
 54 43.6 35.4 53.0

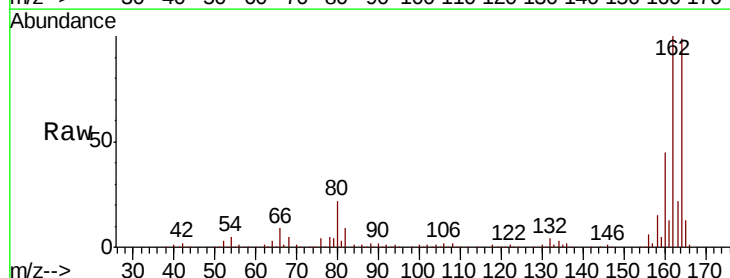


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

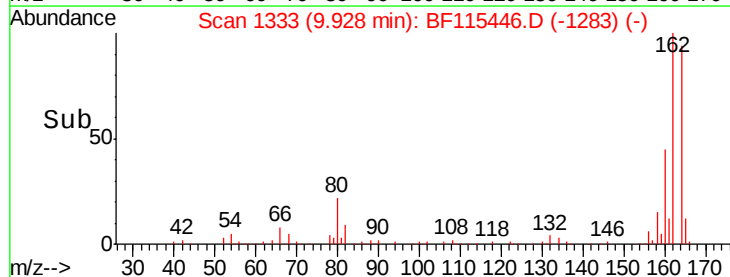
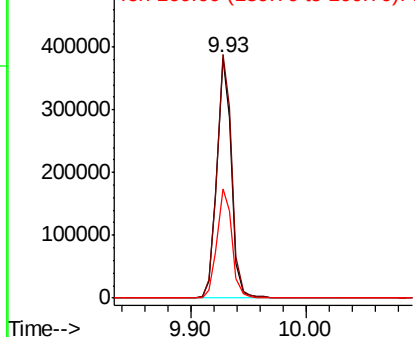


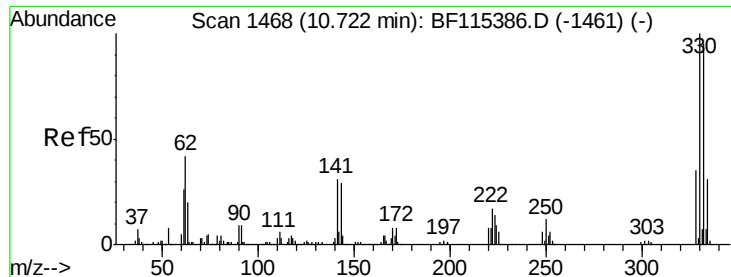
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115446.D
 Acq: 9 Jul 2019 21:12

Tgt Ion:164 Resp: 332892
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.5 122.3
 160 45.5 36.6 55.0



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

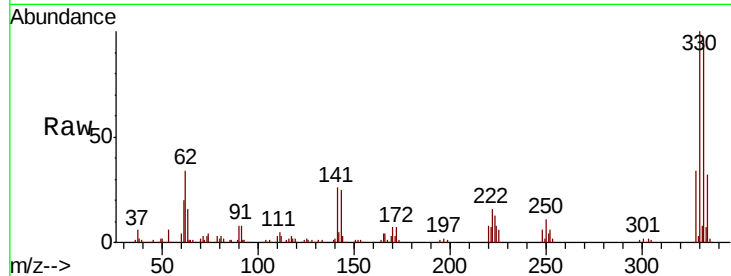




#42
 2,4,6-Tribromophenol
 Concen: 74.500 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115446.D
 Acq: 9 Jul 2019 21:12

Instrument :
 BNA_F
 ClientSampleId :
 GC-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	31.6	25.1	37.7

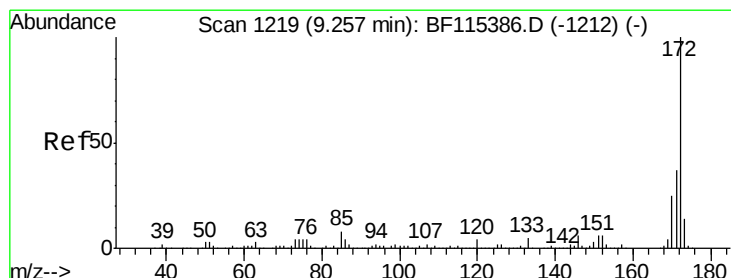
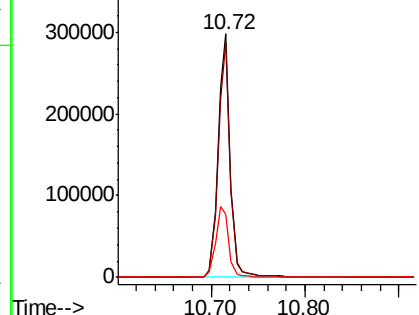
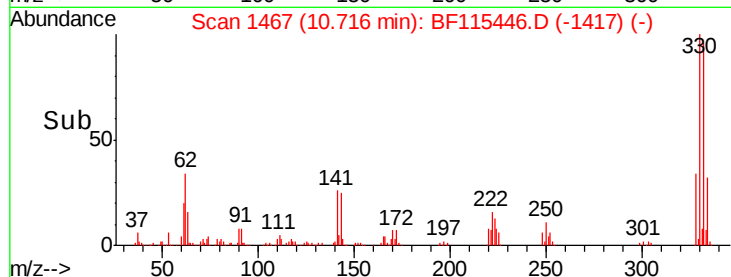


Abundance

Ion 329.80 (329.50 to 330.50): E

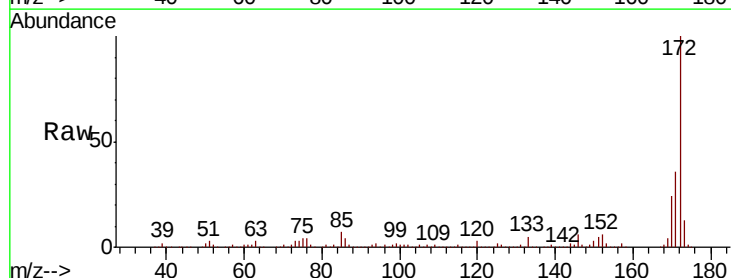
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 54.375 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115446.D
 Acq: 9 Jul 2019 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.8
170	24.0	19.8	29.6

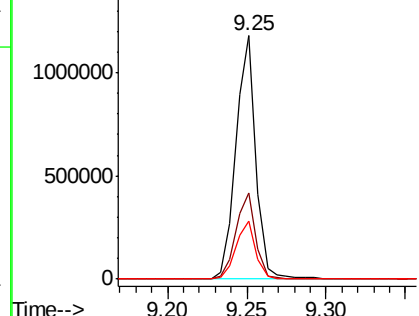
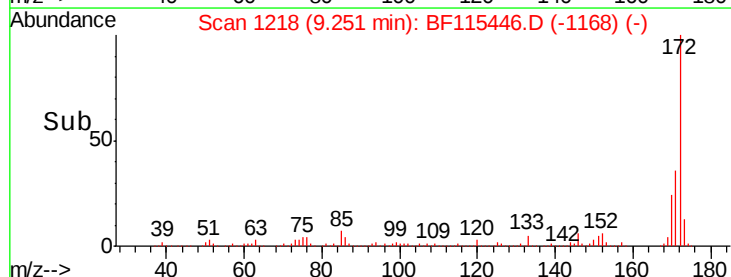


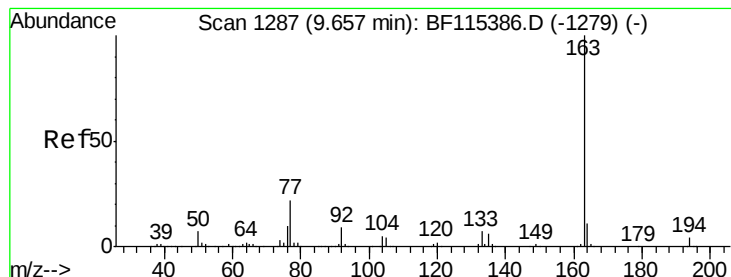
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.028 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115446.D

Acq: 9 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

GC-SOIL-PILE

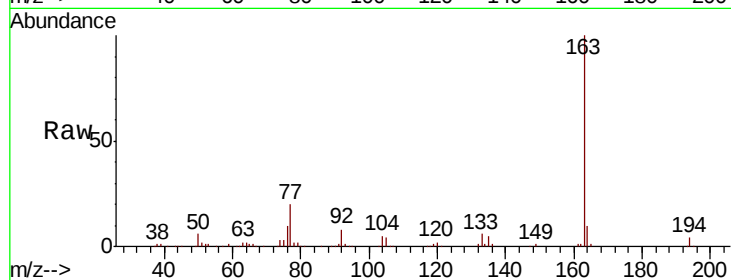
Tot Ion:163 Resp: 300534

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.0 8.5 12.7

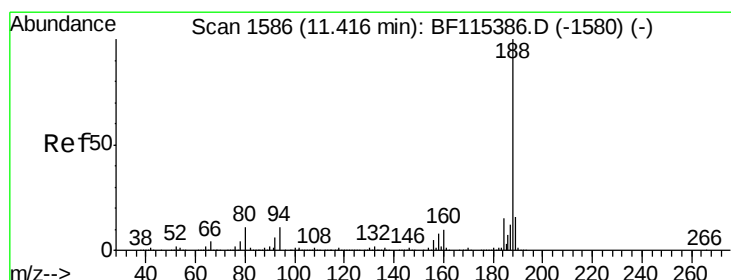
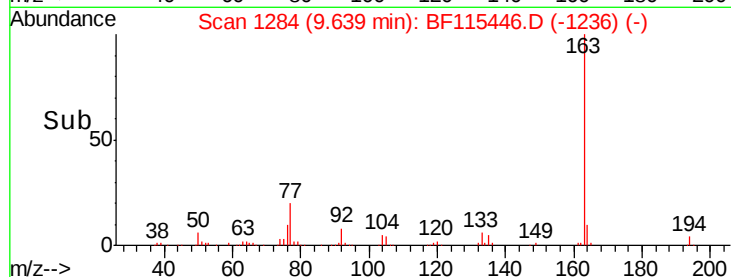
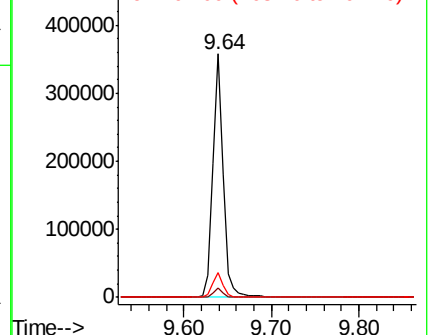


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF115446.D

Acq: 9 Jul 2019 21:12

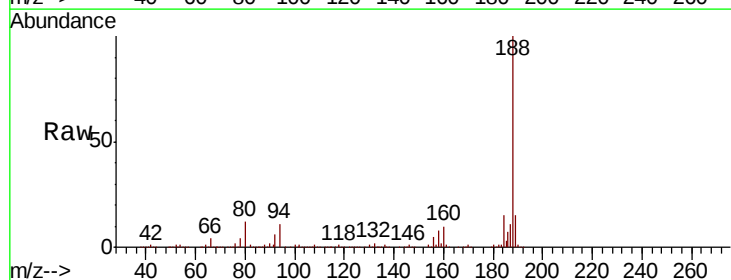
Tgt Ion:188 Resp: 623632

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 11.8 8.6 13.0

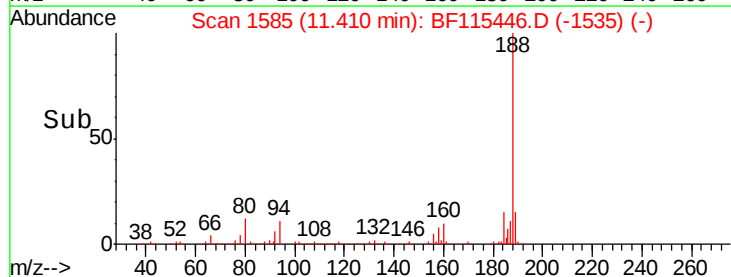
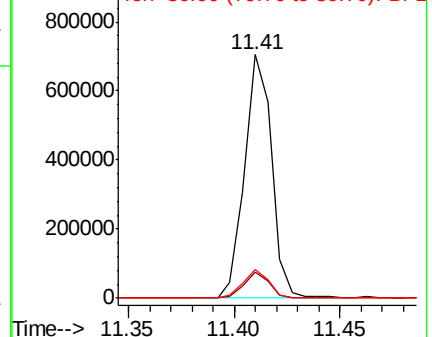


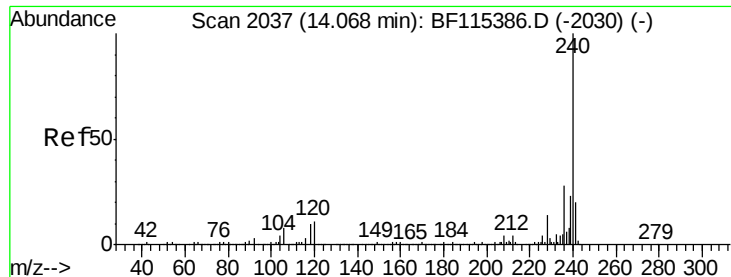
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.09 min

Lab File: BF115446.D

Acq: 9 Jul 2019 21:12

Instrument :

BNA_F

ClientSampleId :

GC-SOIL-PILE

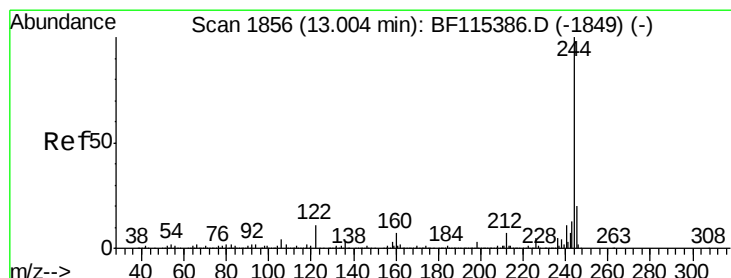
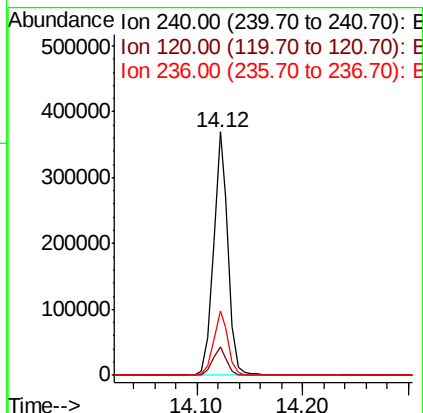
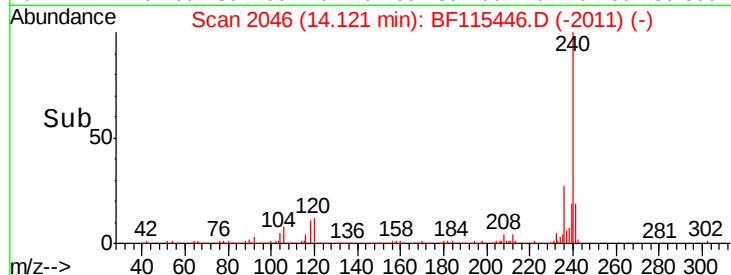
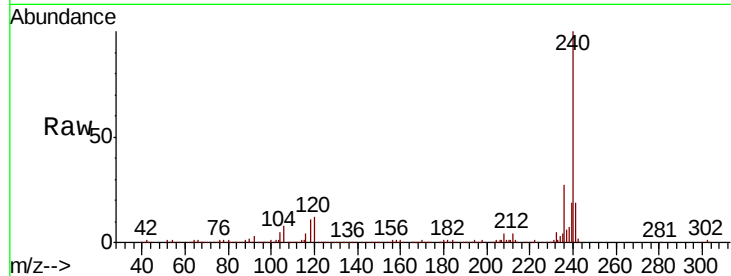
Tot Ion:240 Resp: 356700

Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

236 26.7 21.6 32.4



#79

Terphenyl-d14

Concen: 50.987 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.03 min

Lab File: BF115446.D

Acq: 9 Jul 2019 21:12

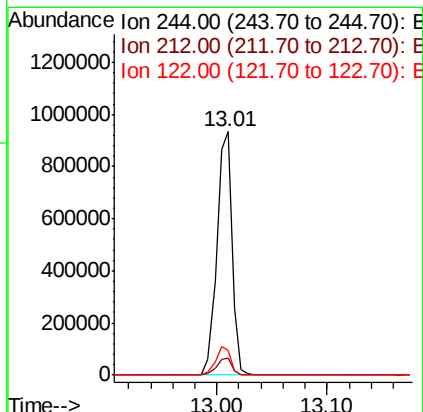
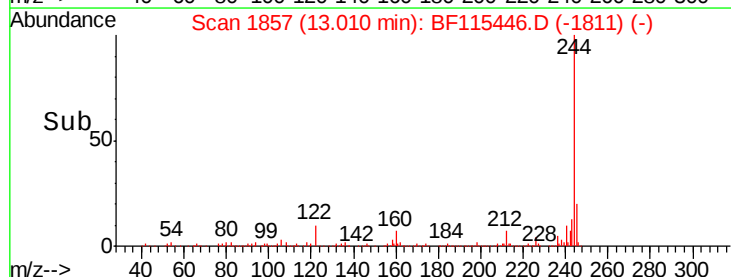
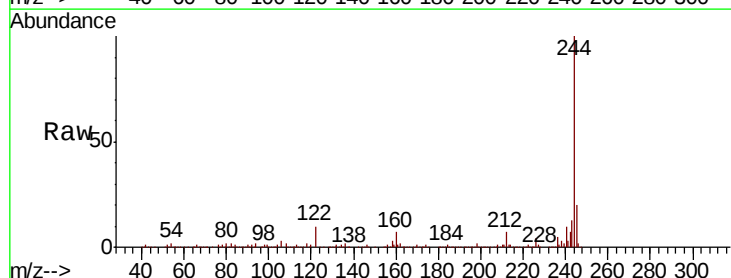
Tgt Ion:244 Resp: 888251

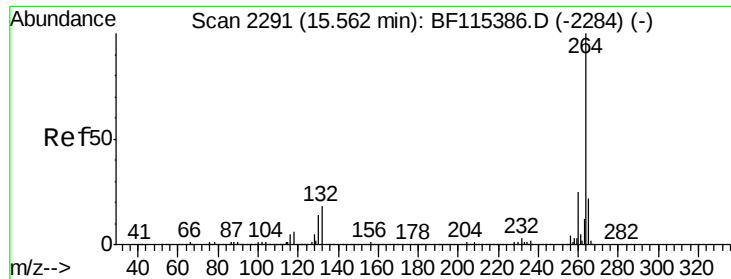
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.0 9.3 13.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.17 min
Lab File: BF115446.D
Acq: 9 Jul 2019 21:12

Instrument :
BNA_F
ClientSampleId :
GC-SOIL-PILE

Tot Ion:264 Resp: 424368

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.2	17.2	25.8

