

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113081.D
 Acq On : 15 Mar 2019 22:30
 Operator : JU/SJ
 Sample : K1924-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE-B

Quant Time: Mar 16 00:31:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

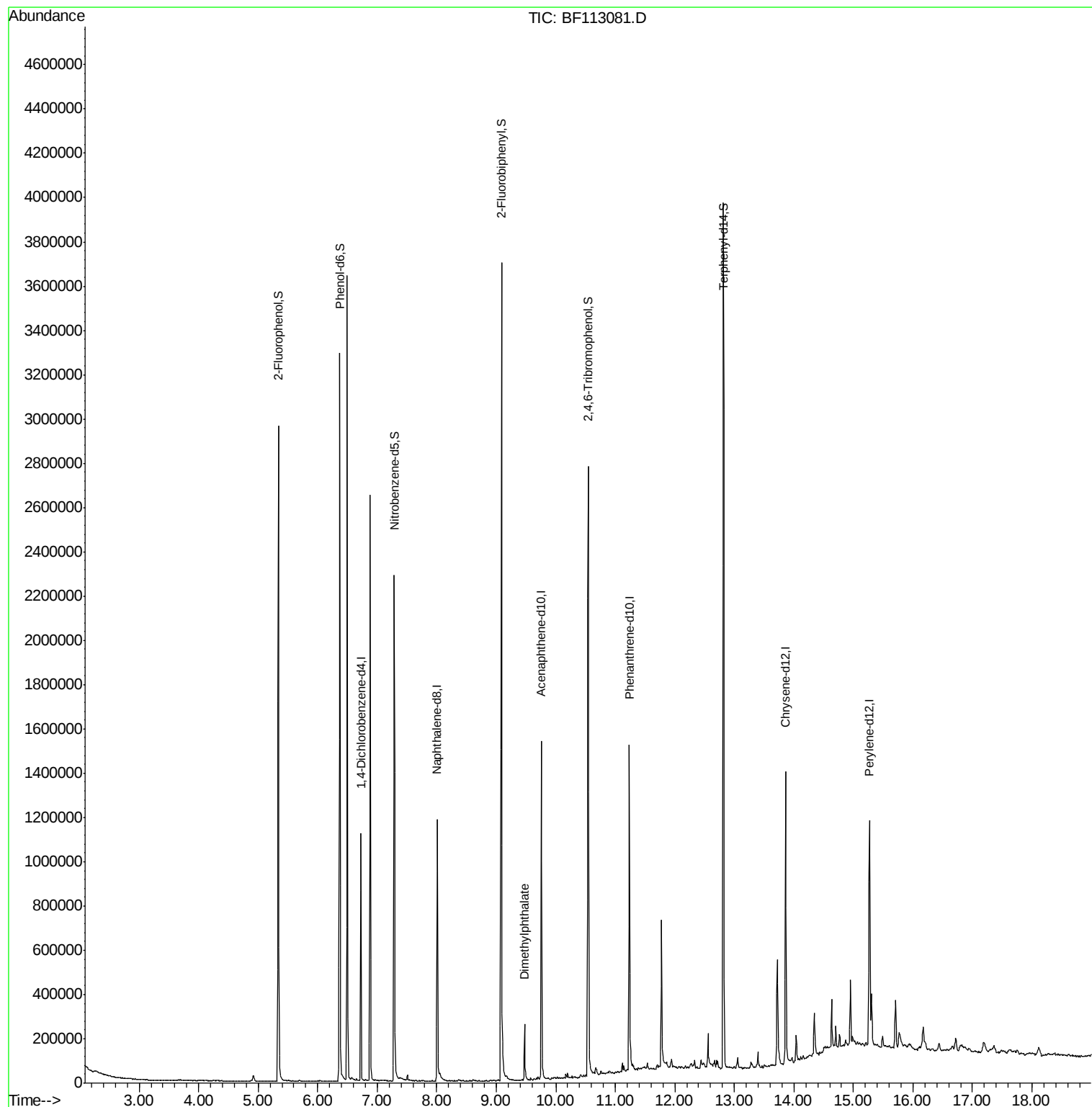
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159634	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	613241	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	308580	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	639757	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	489231	20.00	ng	0.00
87) Perylene-d12	15.27	264	513474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	930579	90.68	ng	0.00
7) Phenol-d6	6.37	99	1199511	93.05	ng	0.00
23) Nitrobenzene-d5	7.29	82	751331	73.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	399647	121.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1377692	70.78	ng	0.00
79) Terphenyl-d14	12.82	244	1416211	56.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	107653	4.731	ng	Qvalue 98

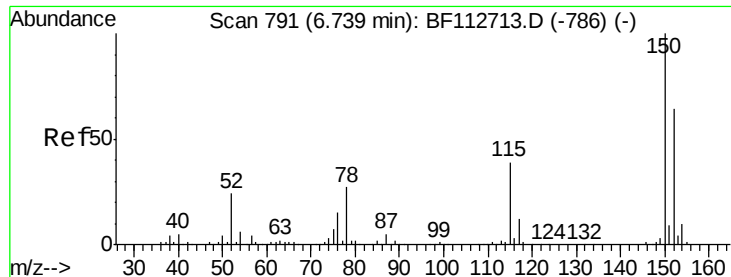
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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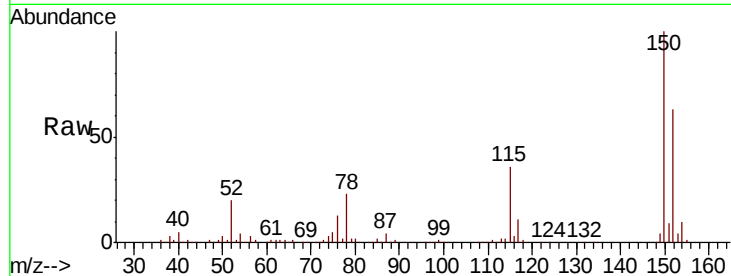


#1

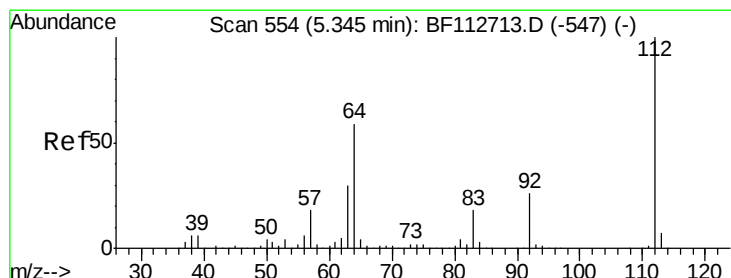
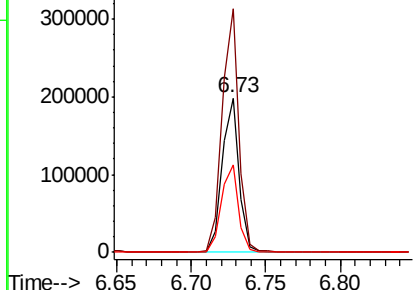
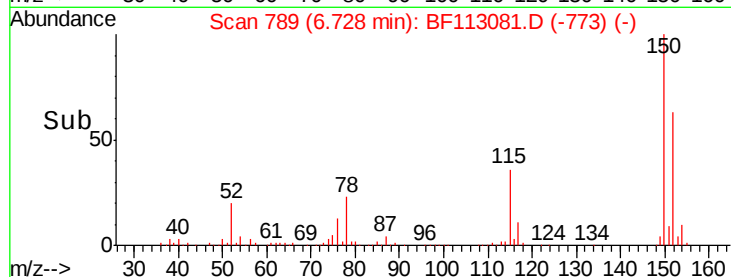
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113081.D
Acq: 15 Mar 2019 22:30

Instrument :
BNA_F
ClientSampleId :
NB-SOIL-PILE-B

Tot Ion:152 Resp: 159634
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 56.7 48.2 72.4



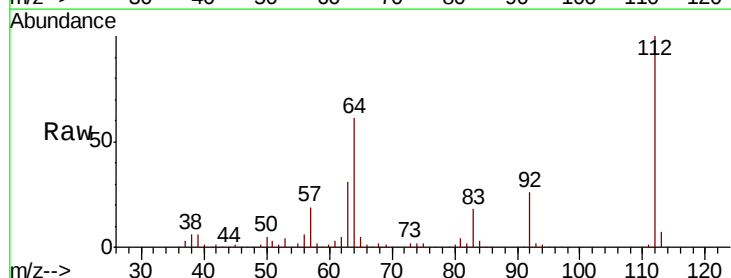
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



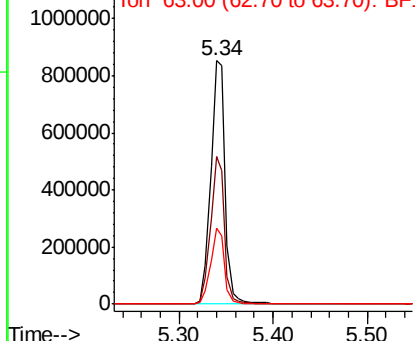
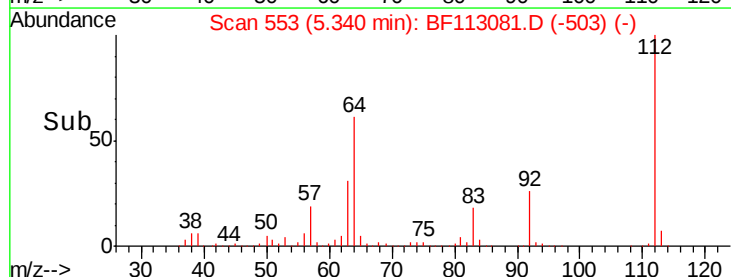
#5

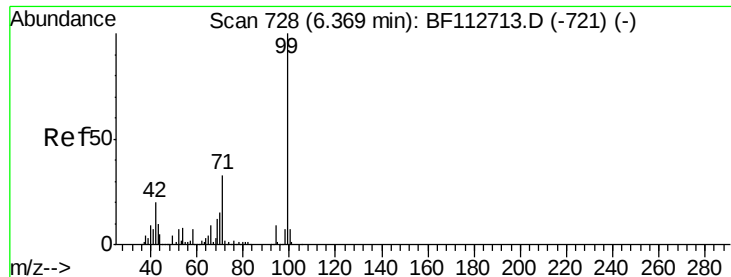
2-Fluorophenol
Concen: 90.680 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113081.D
Acq: 15 Mar 2019 22:30

Tgt Ion:112 Resp: 930579
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 31.1 24.4 36.6



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: 93.050 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113081.D

Acq: 15 Mar 2019 22:30

Instrument :

BNA_F

ClientSampleId :

NB-SOIL-PILE-B

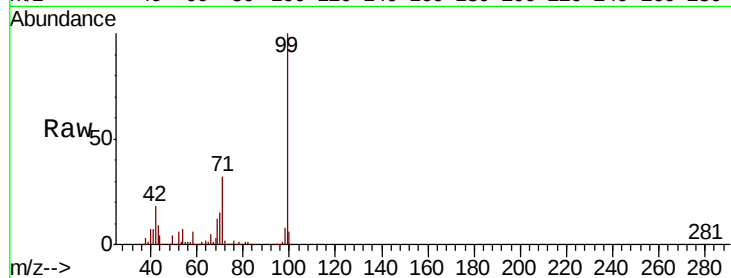
Tot Ion: 99 Resp: 1199511

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

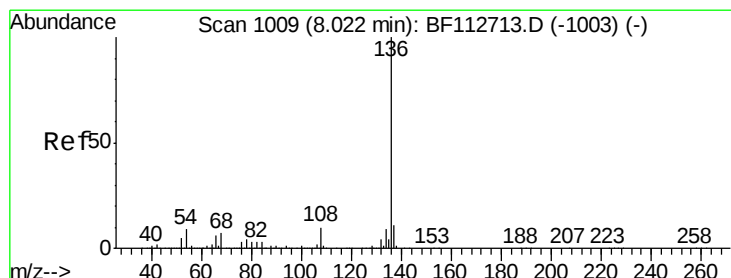
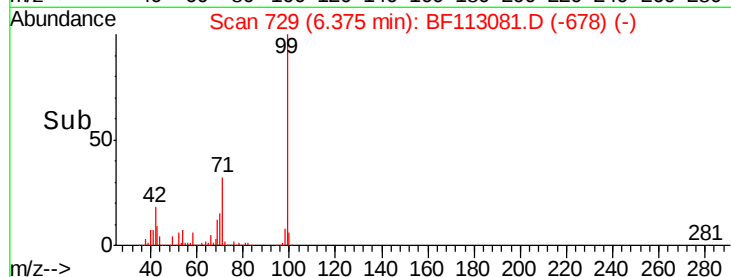
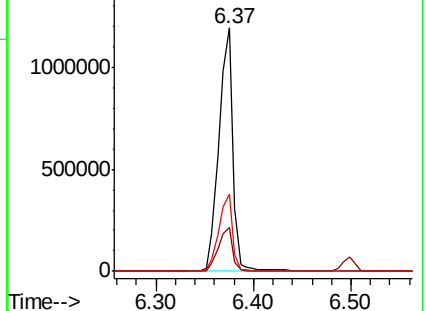
71 31.9 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113081.D

Acq: 15 Mar 2019 22:30

Tgt Ion: 136 Resp: 613241

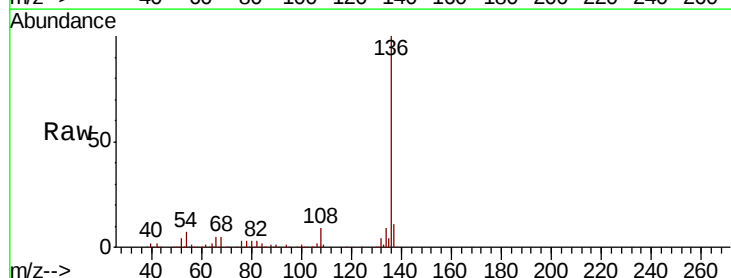
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 7.3 10.9

68 5.4 5.4 8.2#

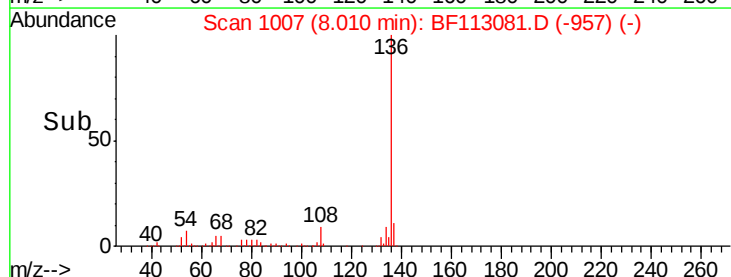
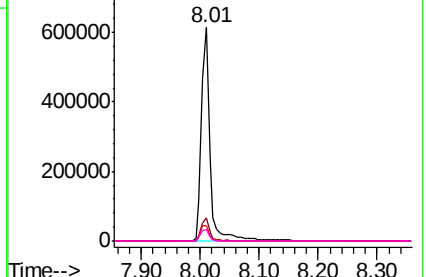


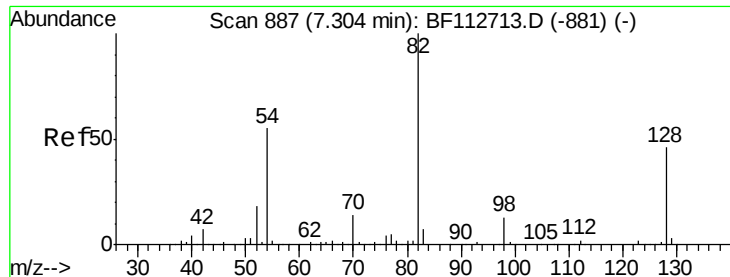
Abundance Ion 136.00 (135.70 to 136.70): E

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

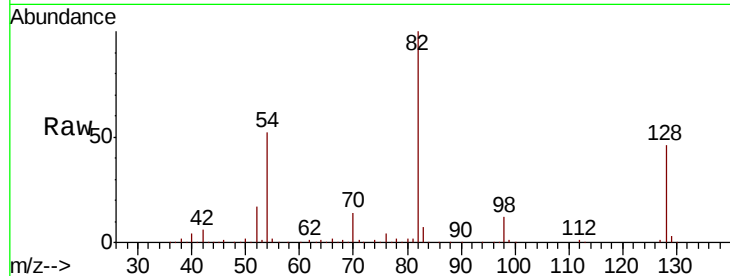




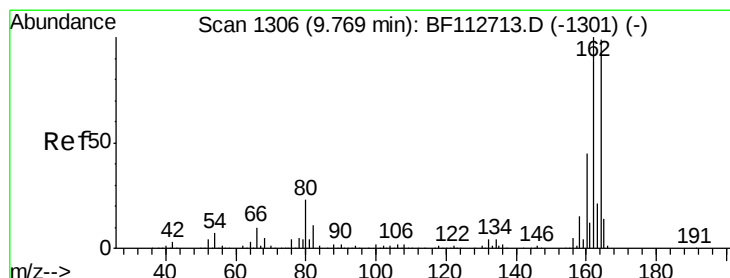
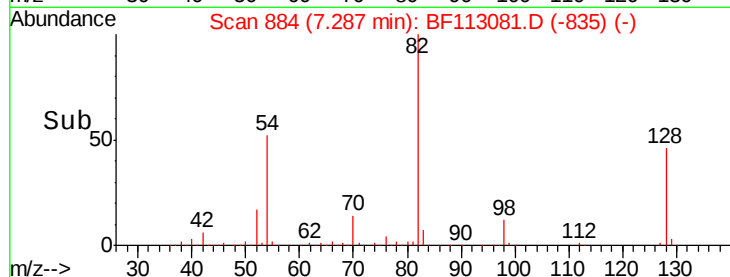
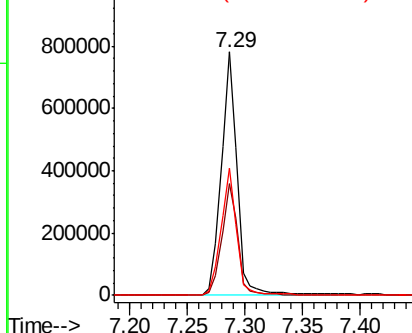
#23
 Nitrobenzene-d5
 Concen: 73.312 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113081.D
 Acq: 15 Mar 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE-B

Tot Ion: 82 Resp: 751331
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.3 54.5
 54 52.4 43.7 65.5

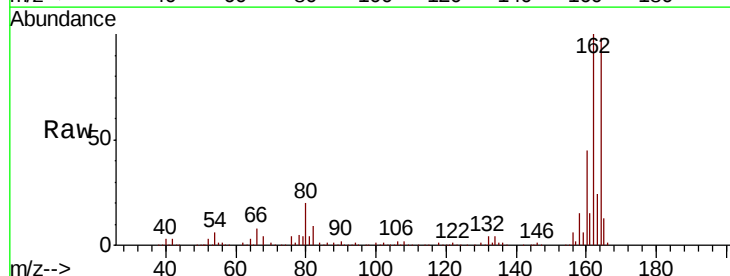


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

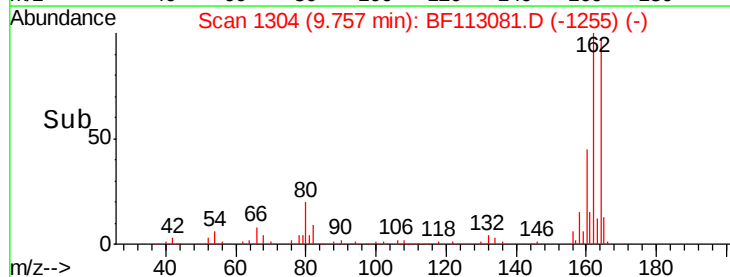
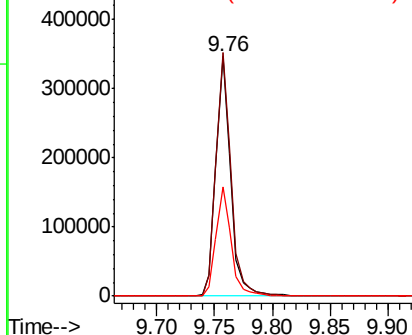


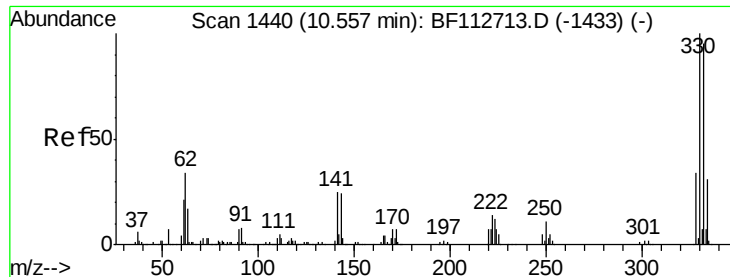
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113081.D
 Acq: 15 Mar 2019 22:30

Tgt Ion: 164 Resp: 308580
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.6 120.8
 160 45.3 36.0 54.0



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

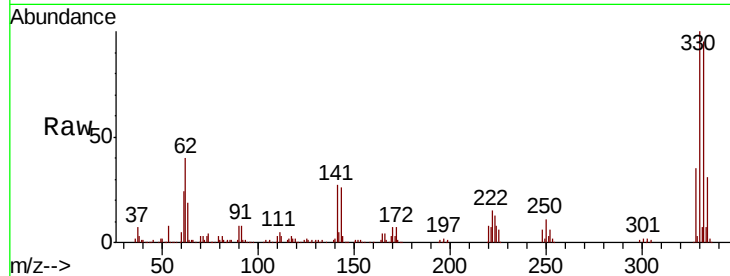




#42
 2,4,6-Tribromophenol
 Concen: 121.994 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113081.D
 Acq: 15 Mar 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	28.2	27.0	40.6

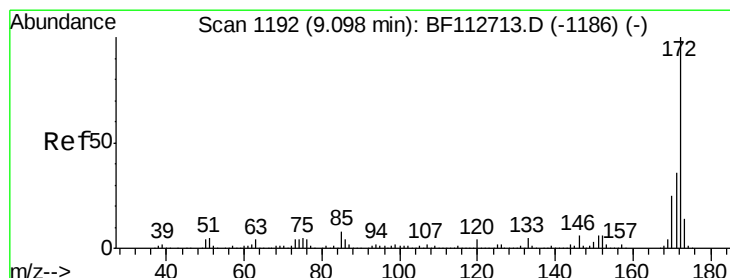
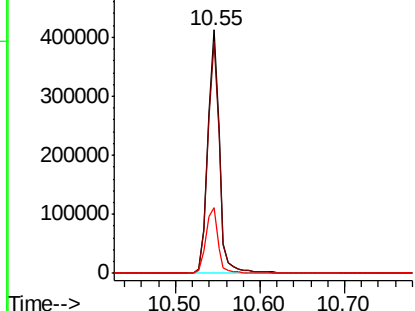
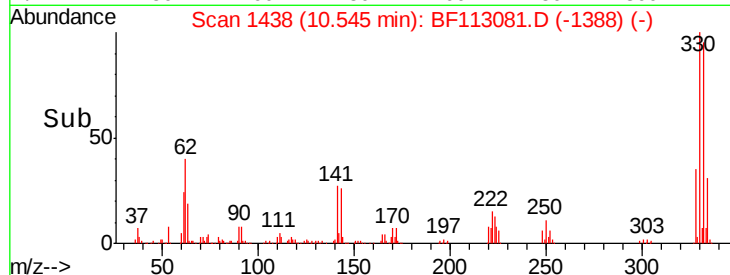


Abundance

Ion 329.80 (329.50 to 330.50): E

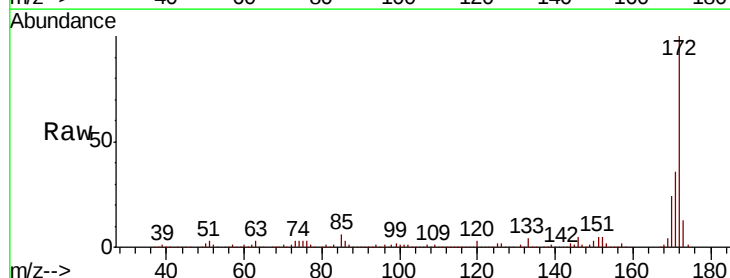
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.778 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113081.D
 Acq: 15 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.0	20.0	30.0

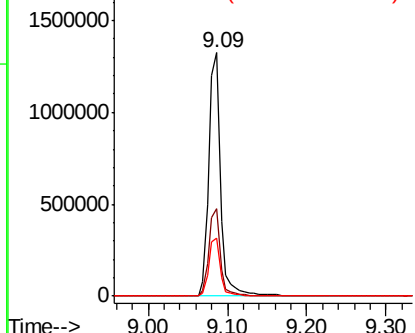
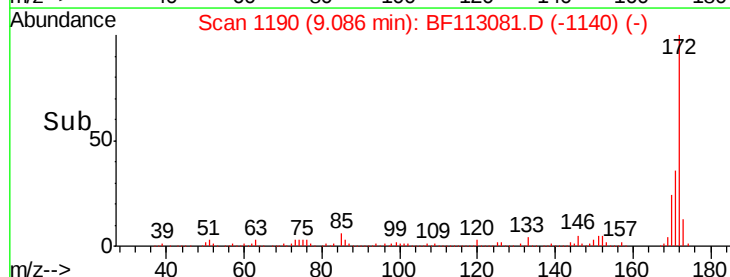


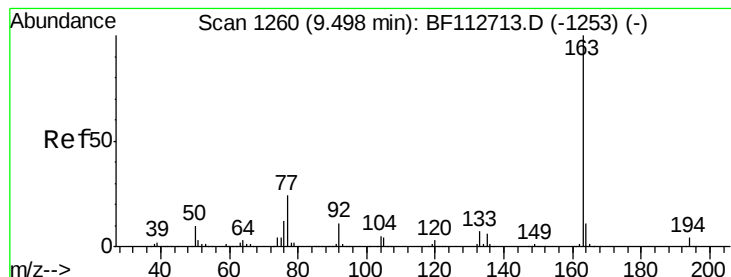
Abundance

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: 4.731 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113081.D

Acq: 15 Mar 2019 22:30

Instrument :

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ClientSampleId :

NB-SOIL-PILE-B

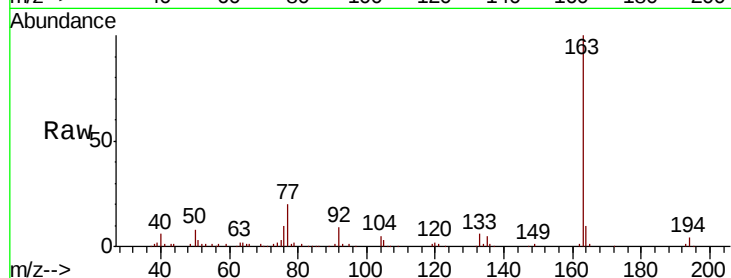
Tot Ion:163 Resp: 107653

Ion Ratio Lower Upper

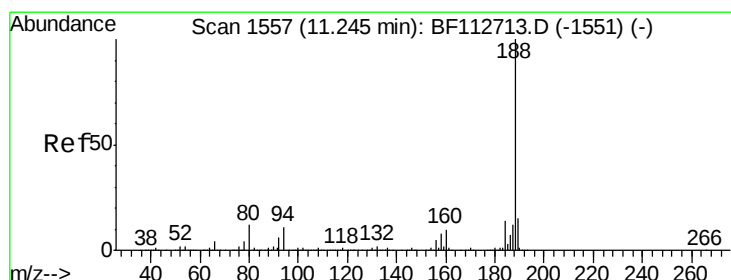
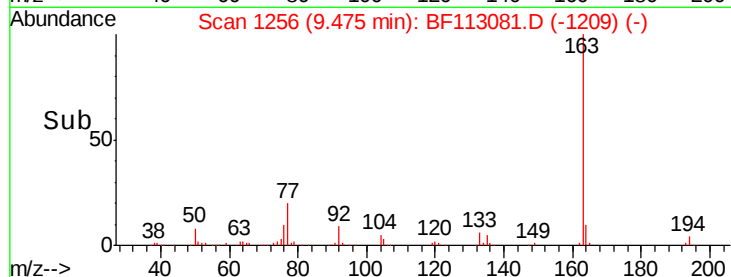
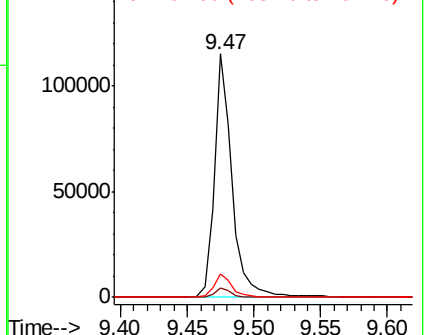
163 100

194 3.7 3.0 4.4

164 9.5 8.4 12.6



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113081.D

Acq: 15 Mar 2019 22:30

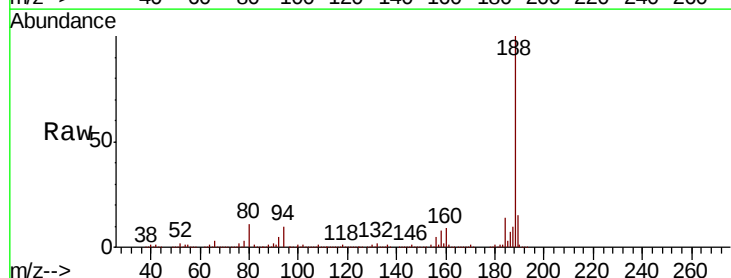
Tgt Ion:188 Resp: 639757

Ion Ratio Lower Upper

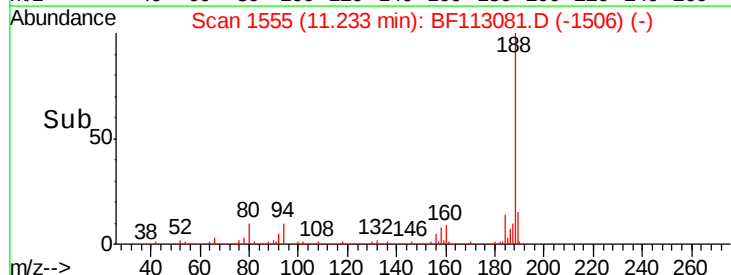
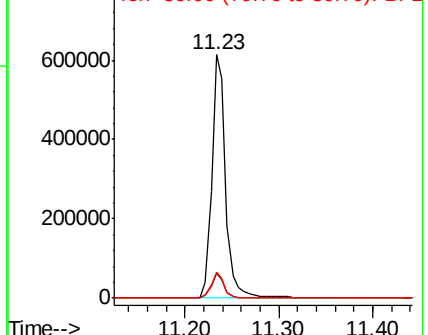
188 100

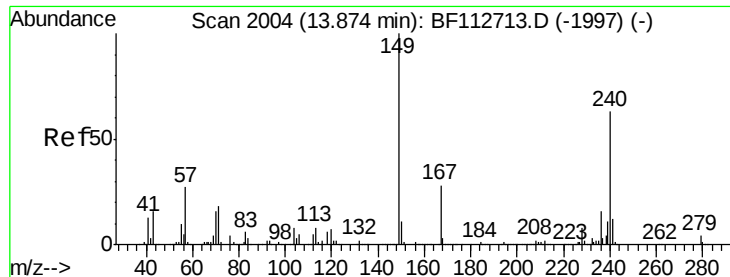
94 10.1 9.0 13.4

80 10.6 9.2 13.8



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

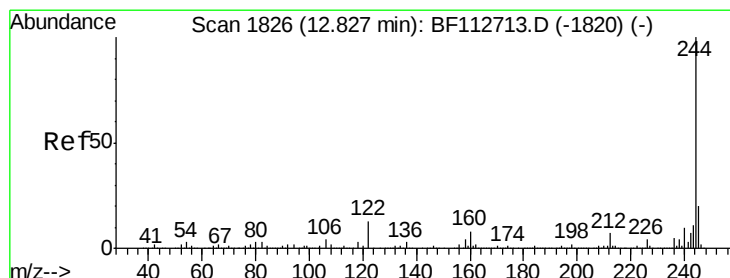
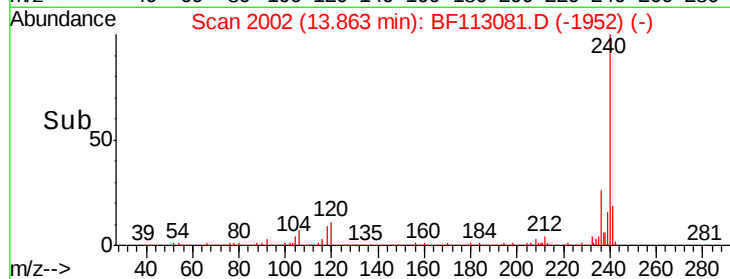
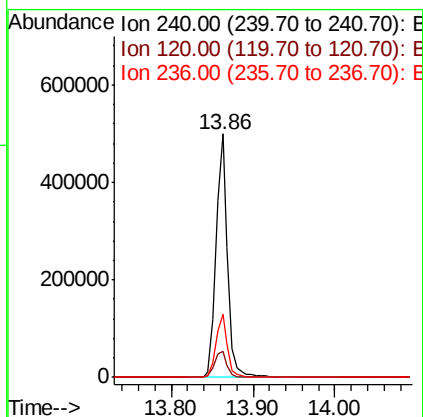
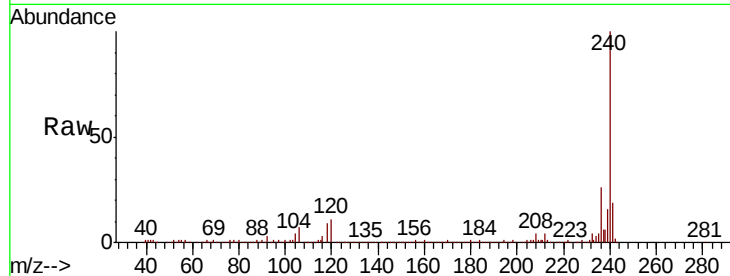




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113081.D
 Acq: 15 Mar 2019 22:30

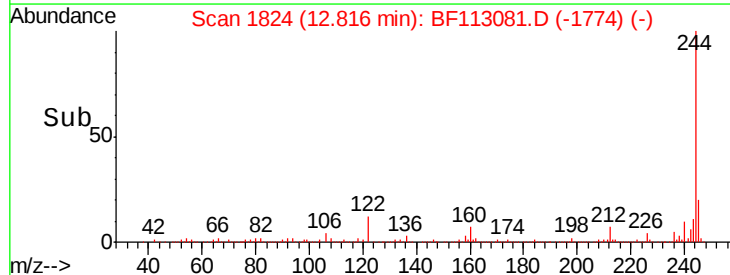
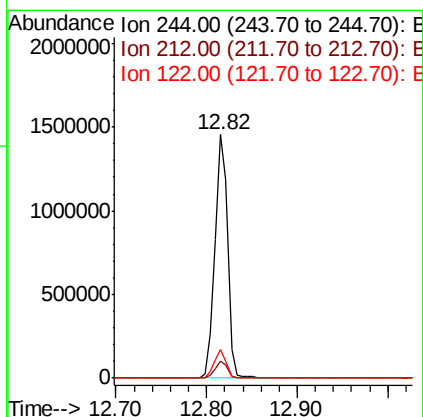
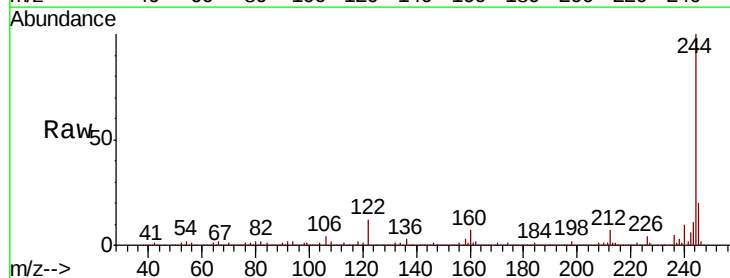
Instrument :
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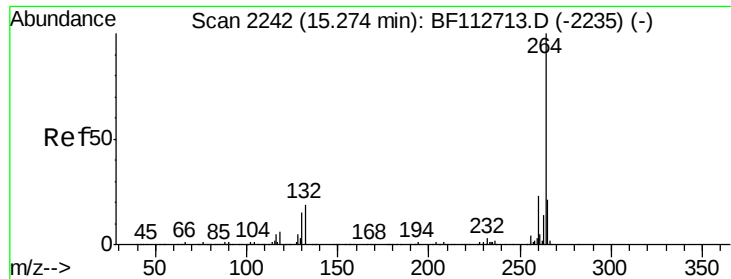
Tot Ion:240 Resp: 489231
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.9 13.3
 236 26.1 20.7 31.1



#79
 Terphenyl-d14
 Concen: 56.115 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113081.D
 Acq: 15 Mar 2019 22:30

Tgt Ion:244 Resp: 1416211
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.7 10.5 15.7



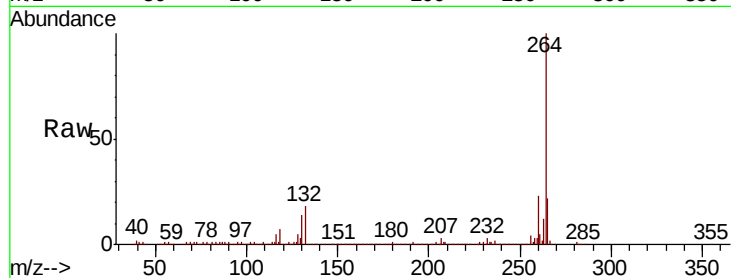


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113081.D
Acq: 15 Mar 2019 22:30

Instrument :
BNA_F
ClientSampleId :
NB-SOIL-PILE-B

Tot Ion: 264 Resp: 513474

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.2	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

