

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113079.D
 Acq On : 15 Mar 2019 21:33
 Operator : JU/SJ
 Sample : K1924-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 16 00:26:36 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

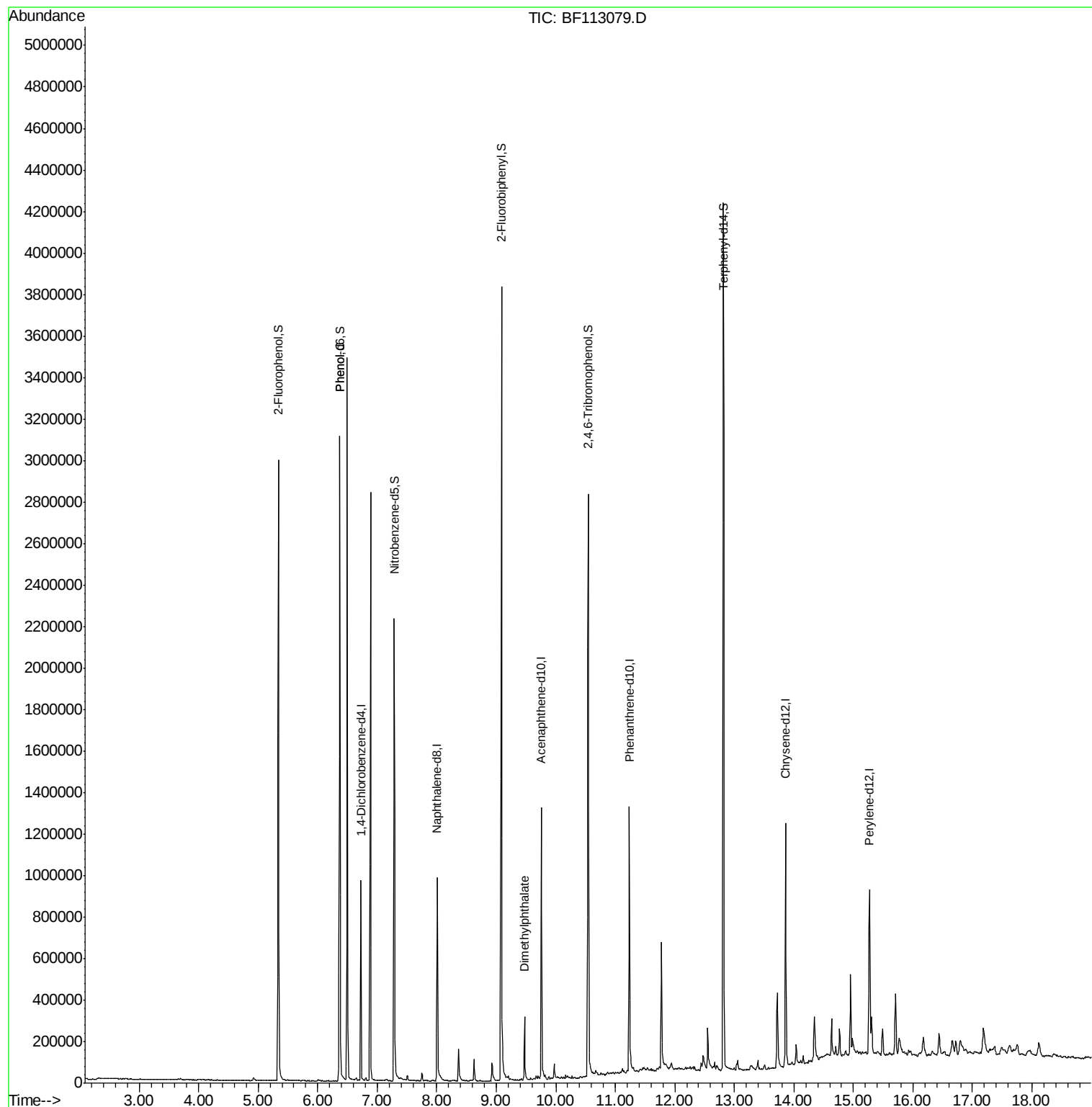
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	140107	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	526877	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	264531	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	522298	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	421131	20.00	ng	0.00
87) Perylene-d12	15.27	264	412105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	969885	107.68	ng	0.00
7) Phenol-d6	6.37	99	1159641	102.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	723605	82.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	396095	141.04	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1388866	87.74	ng	0.00
79) Terphenyl-d14	12.82	244	1515440	69.76	ng	0.00
Target Compounds						
10) Phenol	6.38	94	33749	2.556	ng	79
50) Dimethylphthalate	9.47	163	122107	6.260	ng	99

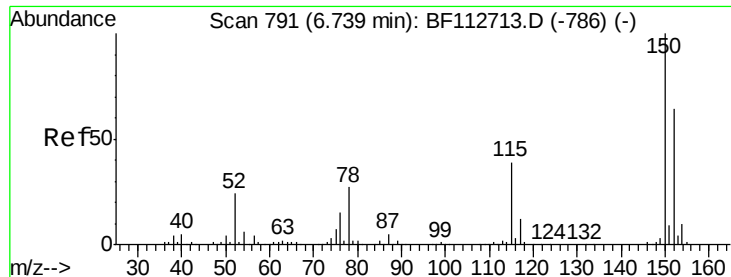
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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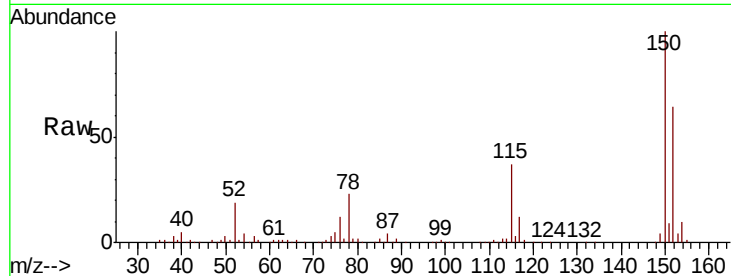


#1

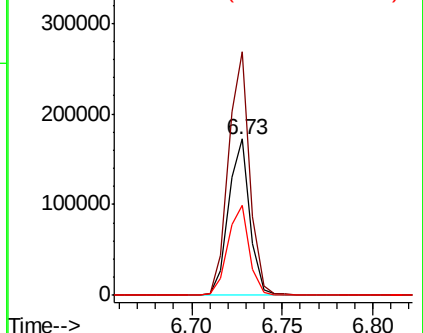
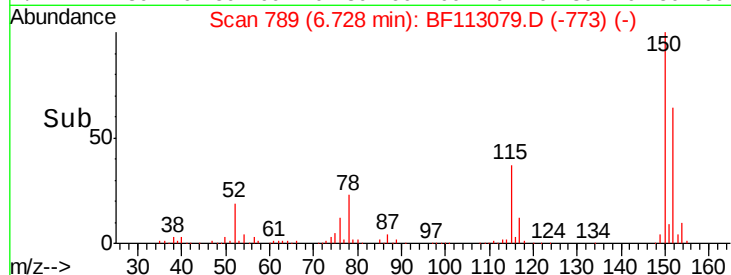
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113079.D
Acq: 15 Mar 2019 21:33

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

Tot Ion:152 Resp: 140107
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 57.5 48.2 72.4



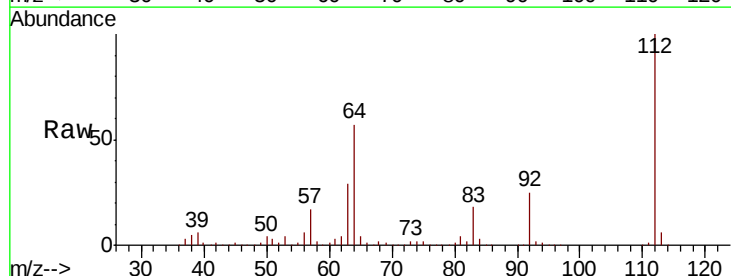
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



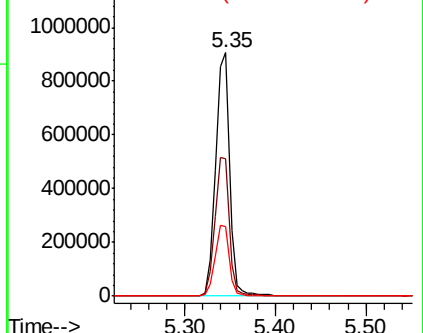
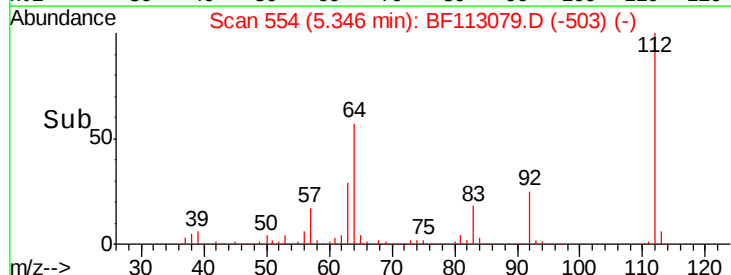
#5

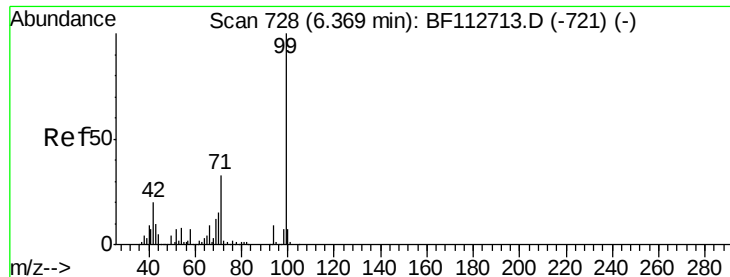
2-Fluorophenol
Concen: 107.682 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113079.D
Acq: 15 Mar 2019 21:33

Tgt Ion:112 Resp: 969885
Ion Ratio Lower Upper
112 100
64 56.6 47.6 71.4
63 28.8 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: 102.494 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113079.D

Acq: 15 Mar 2019 21:33

Instrument :

BNA_F

ClientSampleId :

NB-SOIL-PILE-A

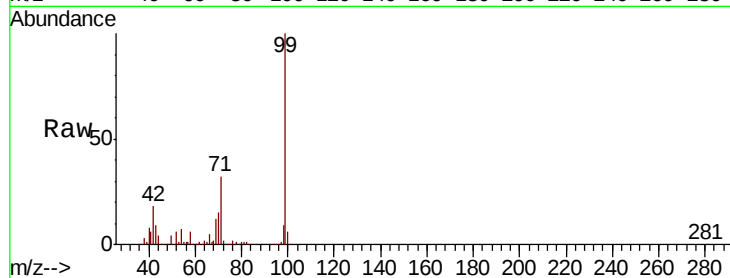
Tot Ion: 99 Resp: 1159641

Ion Ratio Lower Upper

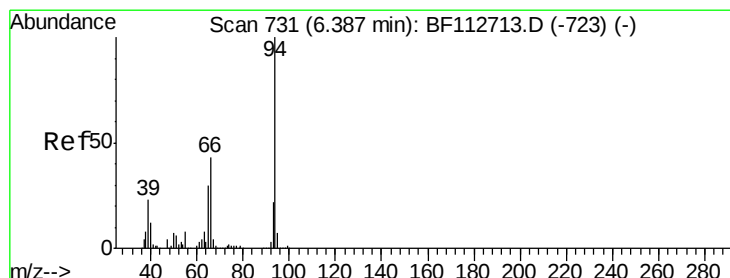
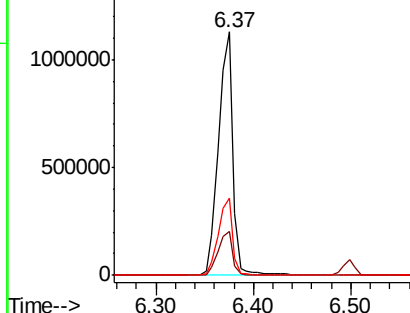
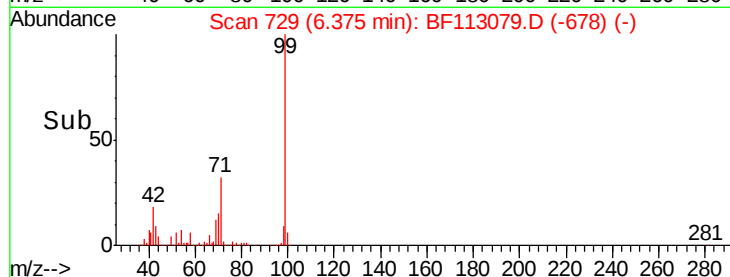
99 100

42 18.0 16.3 24.5

71 31.8 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



#10

Phenol

Concen: 2.556 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113079.D

Acq: 15 Mar 2019 21:33

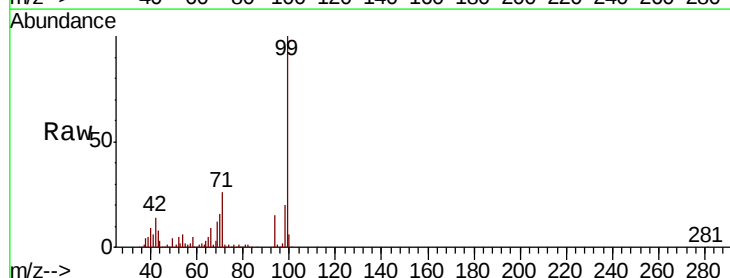
Tgt Ion: 94 Resp: 33749

Ion Ratio Lower Upper

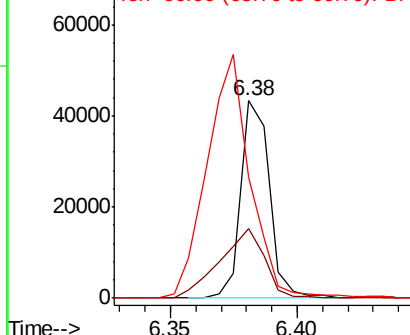
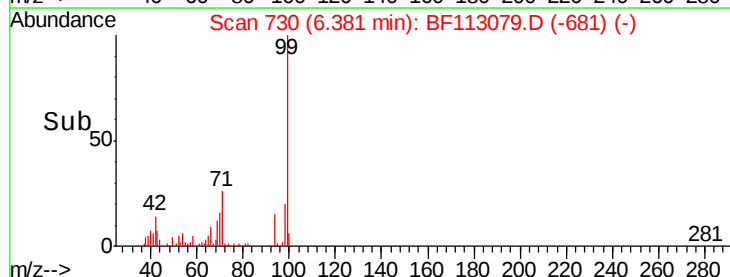
94 100

65 35.4 10.5 50.5

66 61.6 22.6 62.6



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

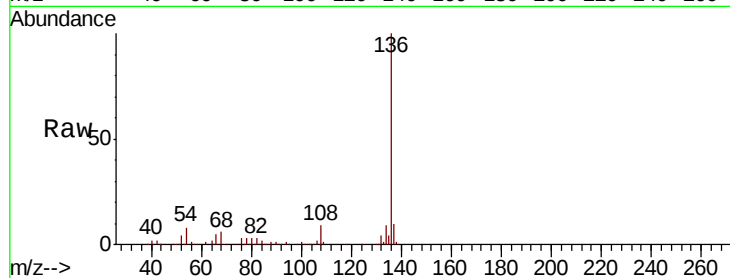




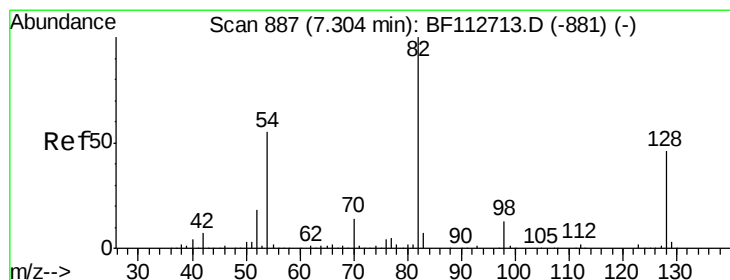
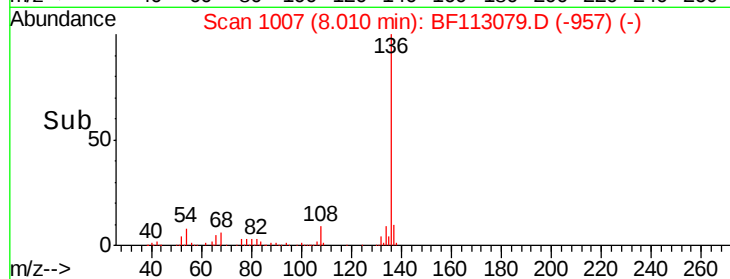
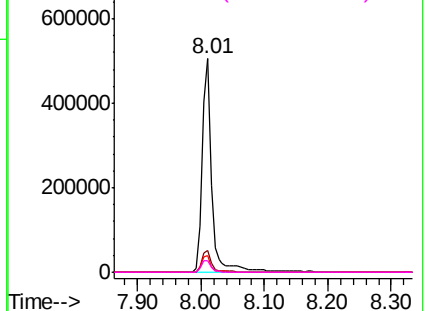
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113079.D
Acq: 15 Mar 2019 21:33

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

Tot Ion:136	Resp:	526877
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.5	7.3 10.9
68	5.6	5.4 8.2

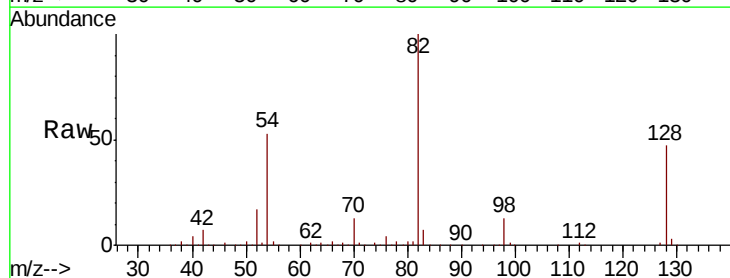


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

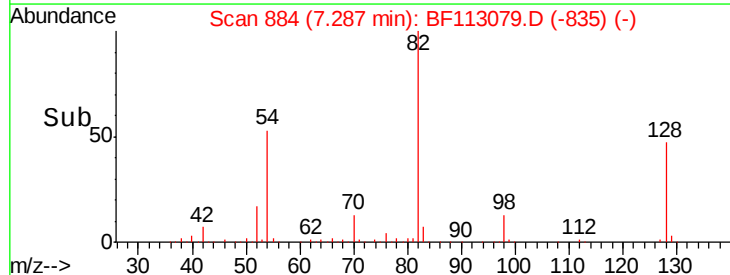
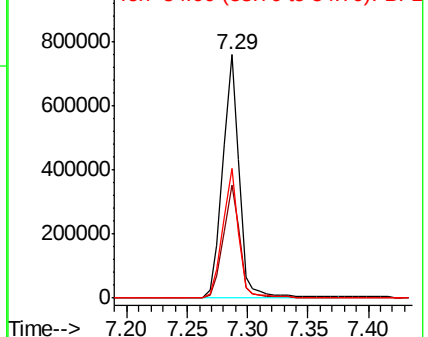


#23
Nitrobenzene-d5
Concen: 82.181 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113079.D
Acq: 15 Mar 2019 21:33

Tgt Ion: 82	Resp:	723605
Ion Ratio	Lower	Upper
82	100	
128	46.6	36.3 54.5
54	53.1	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

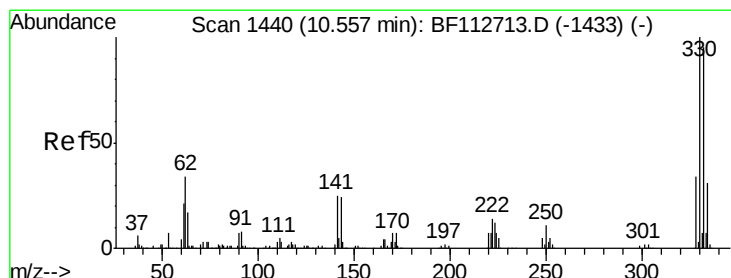
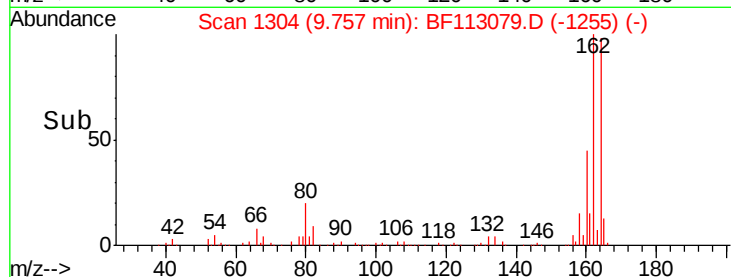
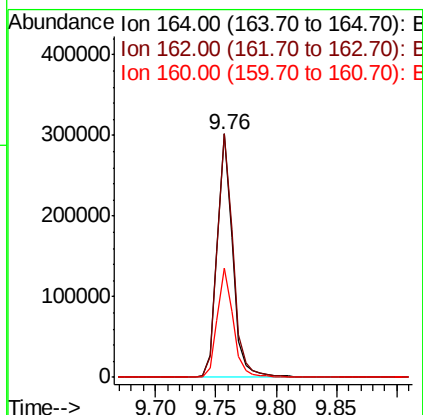
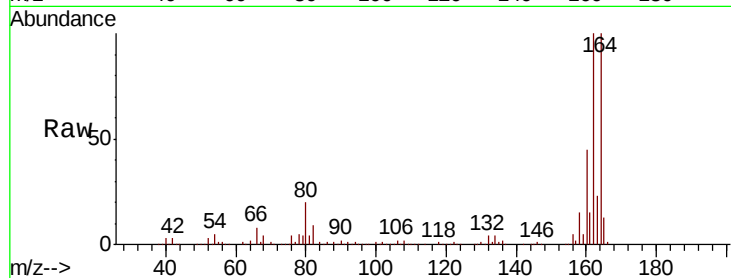




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113079.D
 Acq: 15 Mar 2019 21:33

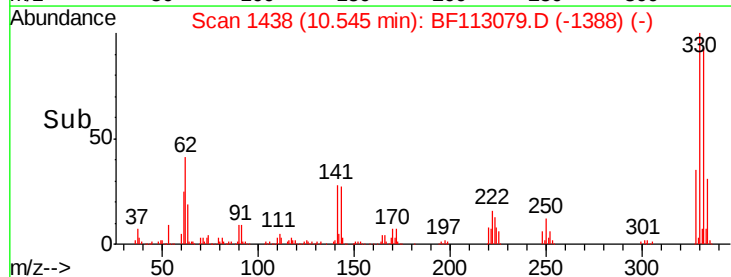
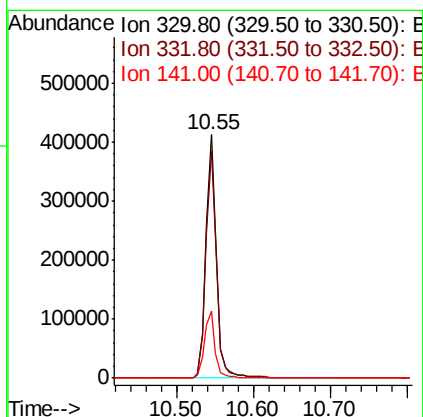
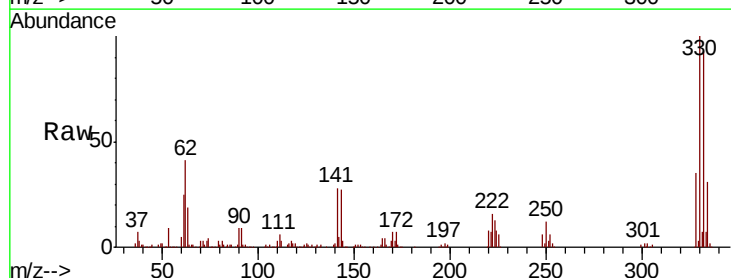
Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE-A

Tot Ion:164 Resp: 264531
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.6 120.8
 160 45.0 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 141.043 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113079.D
 Acq: 15 Mar 2019 21:33

Tgt Ion:330 Resp: 396095
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 27.8 27.0 40.6



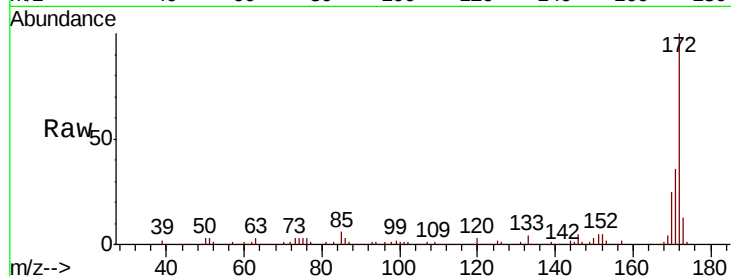


#45
 2-Fluorobiphenyl
 Concen: 87.736 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113079.D
 Acq: 15 Mar 2019 21:33

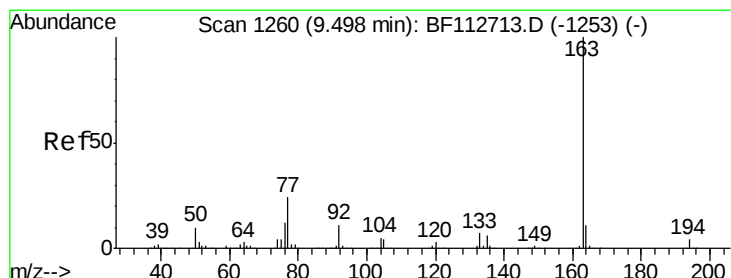
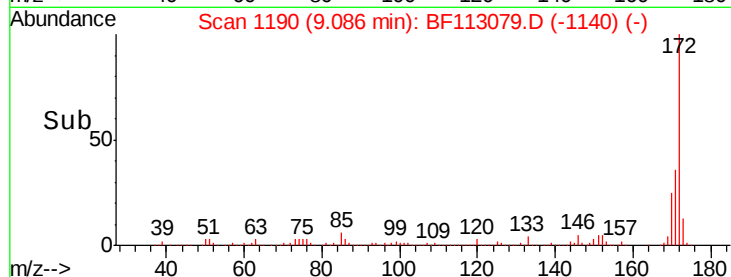
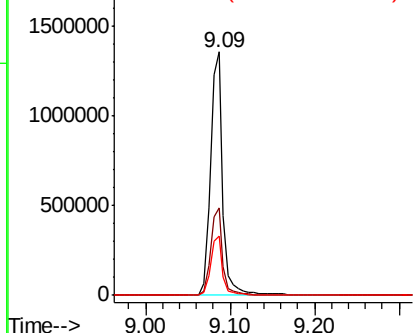
Instrument :
 BNA_F
 ClientSampleId :
 NB-SOIL-PILE-A

Tot Ion:172 Resp: 1388866

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.5	20.0	30.0



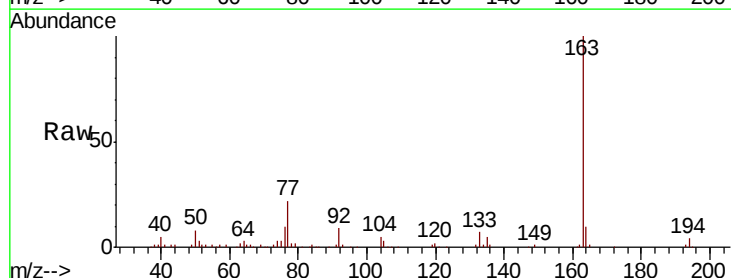
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



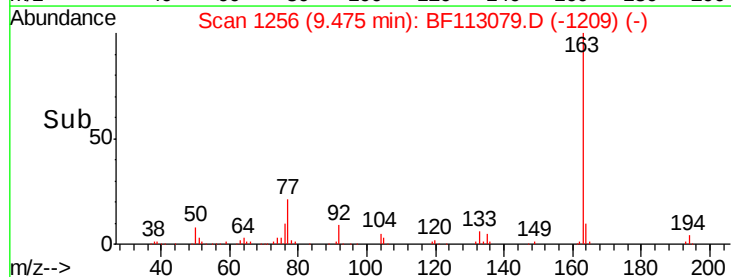
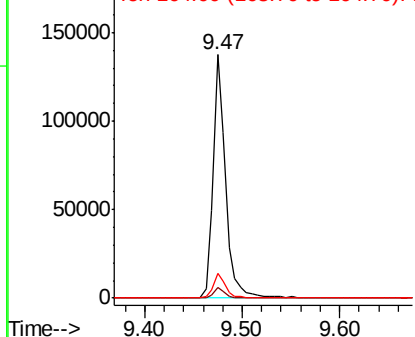
#50
 Dimethylphthalate
 Concen: 6.260 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF113079.D
 Acq: 15 Mar 2019 21:33

Tgt Ion:163 Resp: 122107

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	10.0	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

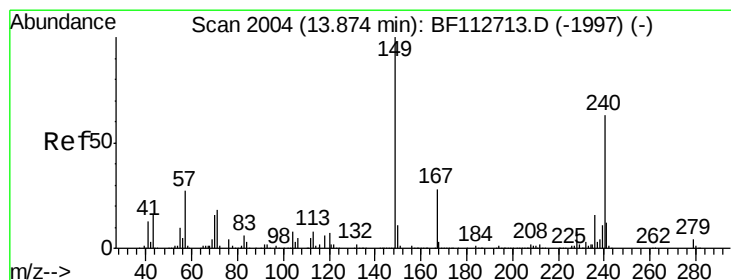
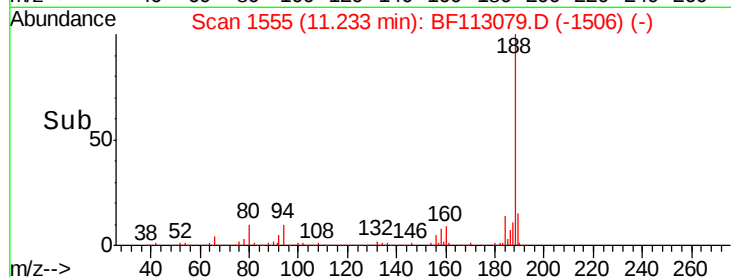
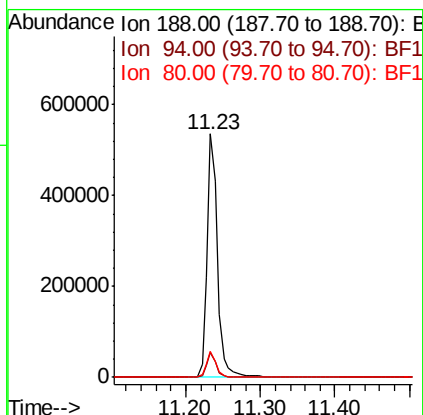
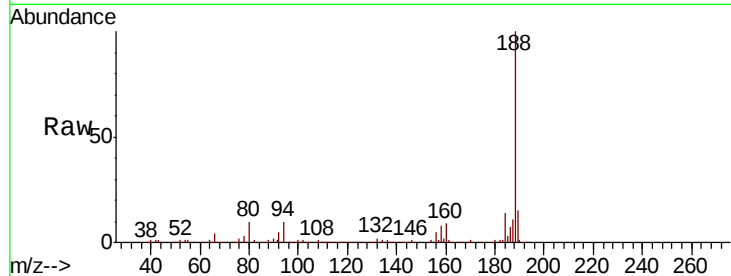




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113079.D
Acq: 15 Mar 2019 21:33

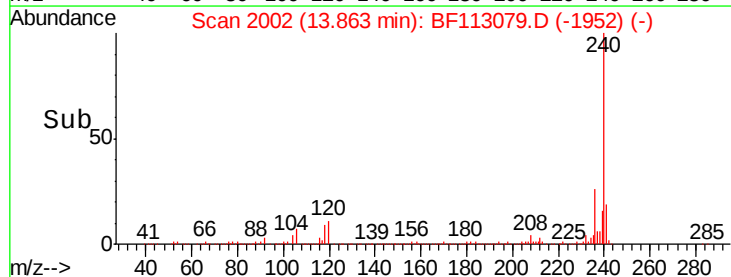
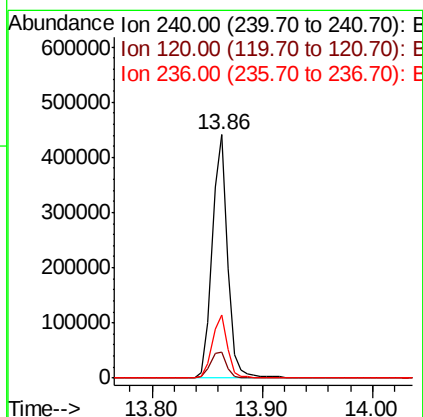
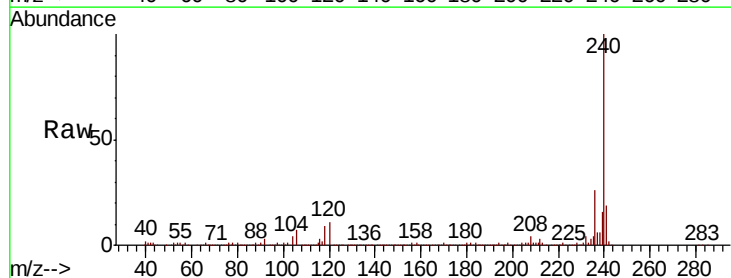
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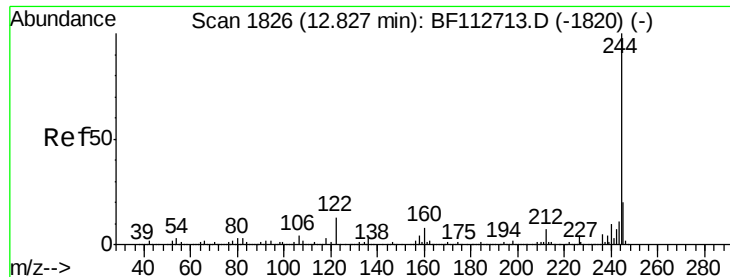
Tot Ion:188 Resp: 522298
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113079.D
Acq: 15 Mar 2019 21:33

Tgt Ion:240 Resp: 421131
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.0 20.7 31.1

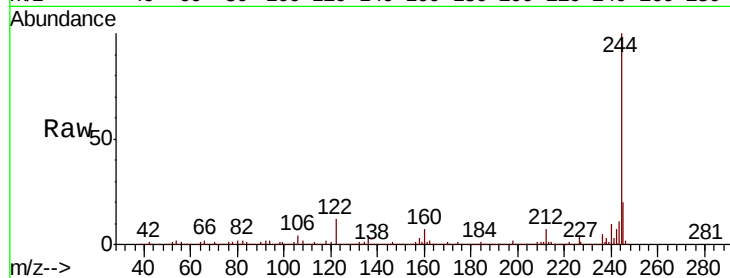




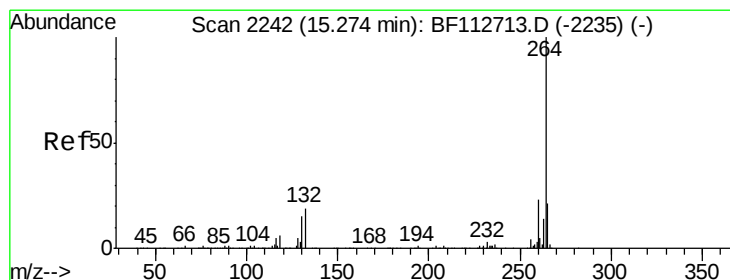
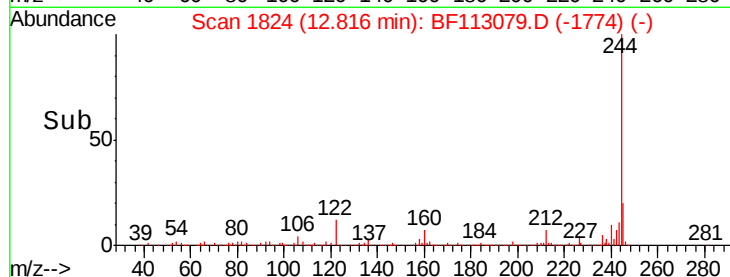
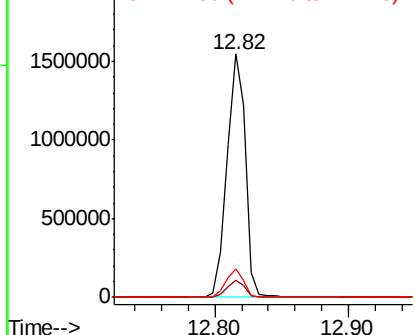
#79
 Terphenyl-d14
 Concen: 69.757 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113079.D
 Acq: 15 Mar 2019 21:33

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

Tot Ion:244 Resp: 1515440
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.8 10.5 15.7

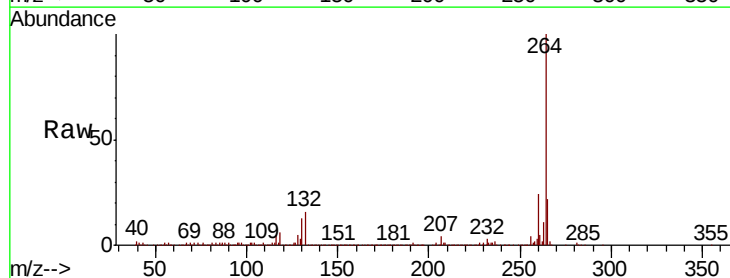


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113079.D
 Acq: 15 Mar 2019 21:33

Tgt Ion:264 Resp: 412105
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.6 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

