

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108341.D
 Acq On : 21 Aug 2018 16:11
 Operator : JU/SJ
 Sample : J4516-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ND-SOIL

Quant Time: Aug 21 16:45:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	167516	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	628137	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	327467	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	669914	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	518896	20.00	ng	-0.02
86) Perylene-d12	15.75	264	324277	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1264474	136.66	ng	0.01
7) Phenol-d6	6.63	99	1569083	127.61	ng	0.00
23) Nitrobenzene-d5	7.57	82	1222681	108.62	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	561215	171.81	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2168292	106.30	ng	-0.01
78) Terphenyl-d14	13.14	244	2219345	108.75	ng	-0.01

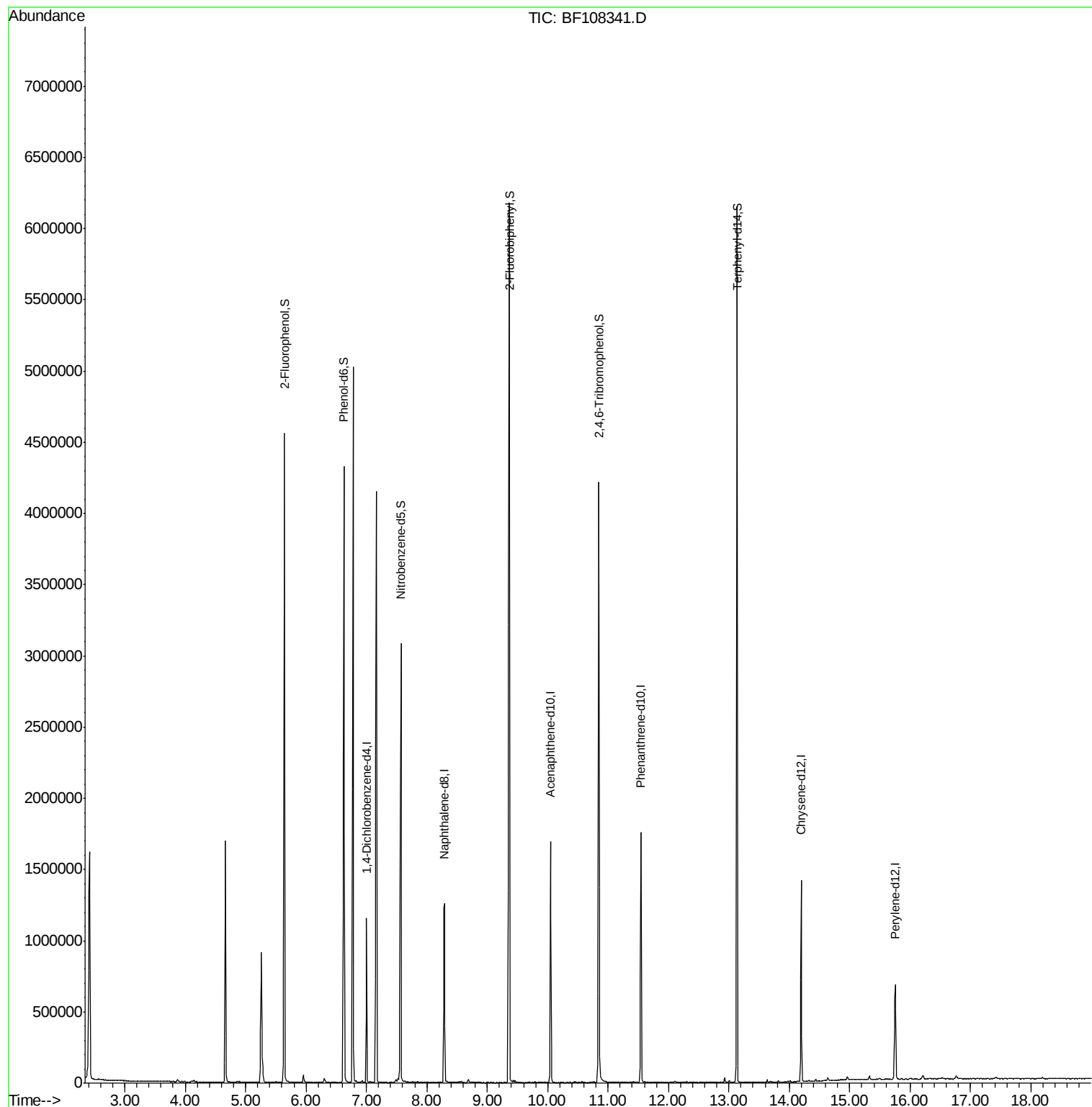
Target Compounds Qvalue

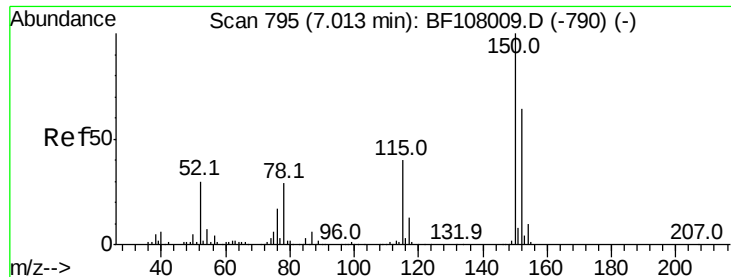
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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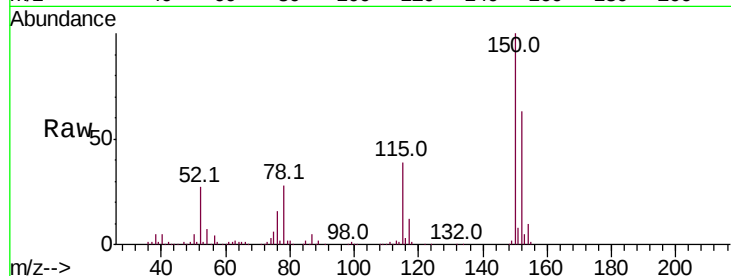


#1

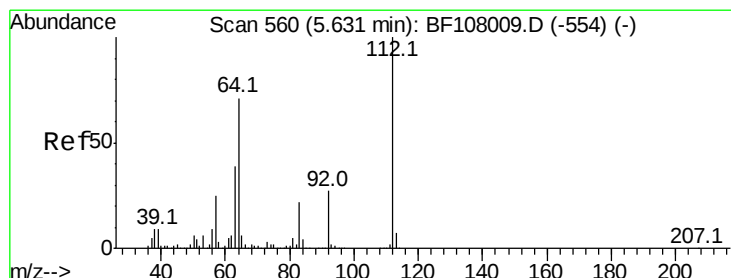
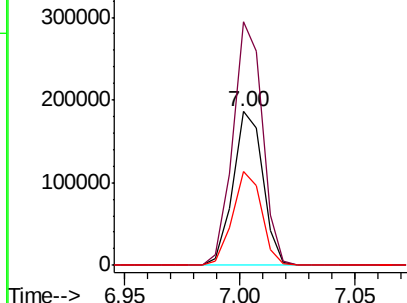
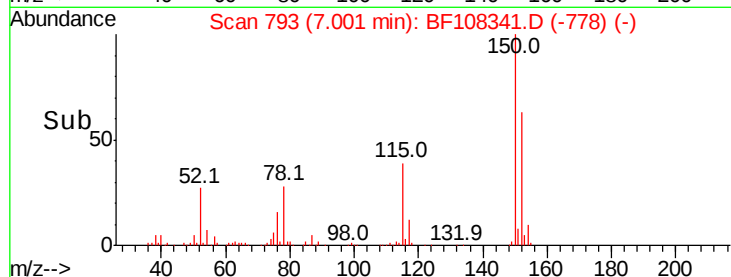
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108341.D
Acq: 21 Aug 2018 16:11

Instrument :
BNA_F
ClientSampleId :
ND-SOIL

Tot Ion:152 Resp: 167516
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.2 50.1 75.1



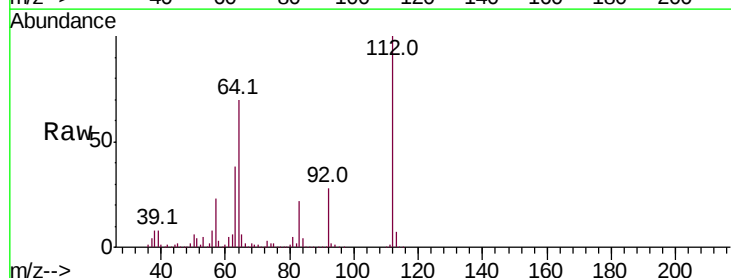
Abundance Ion 152.00 (151.70 to 152.70): E
400000
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



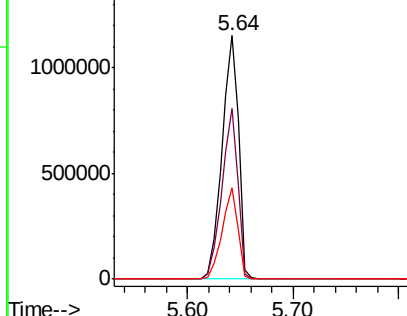
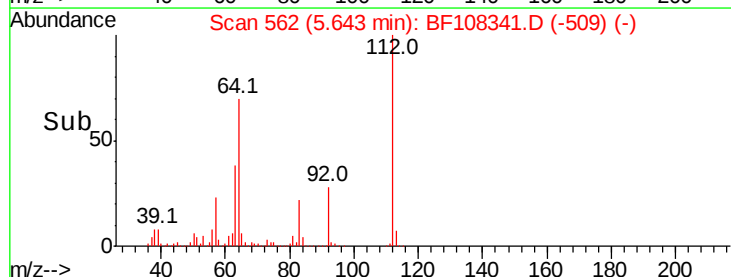
#5

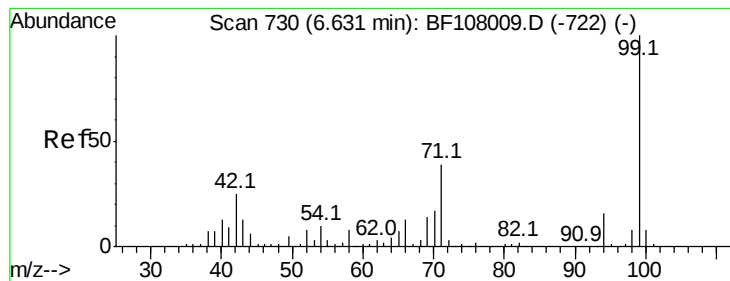
2-Fluorophenol
Concen: 136.660 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108341.D
Acq: 21 Aug 2018 16:11

Tgt Ion:112 Resp: 1264474
Ion Ratio Lower Upper
112 100
64 70.1 47.9 71.9
63 37.7 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
1500000
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 127.613 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108341.D

Acq: 21 Aug 2018 16:11

Instrument :

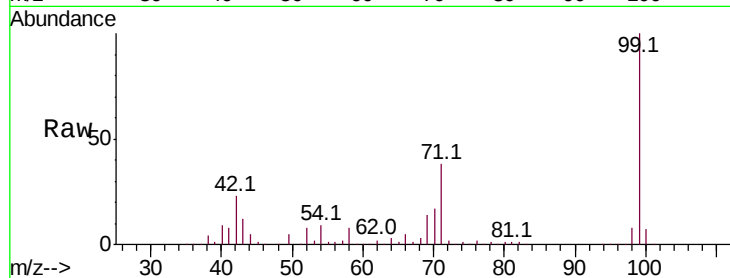
BNA_F

ClientSampleId :

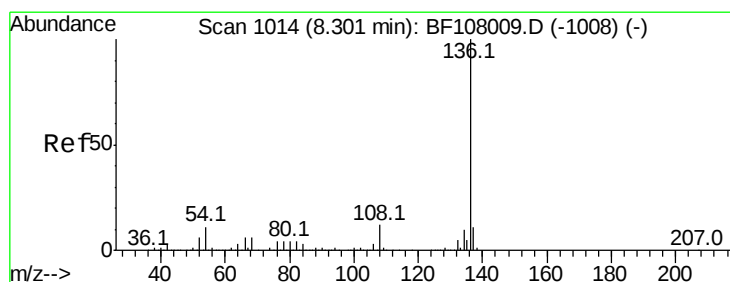
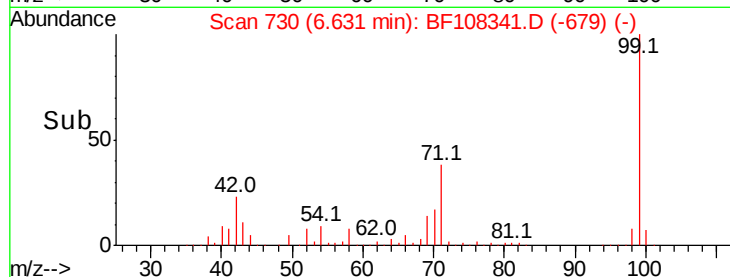
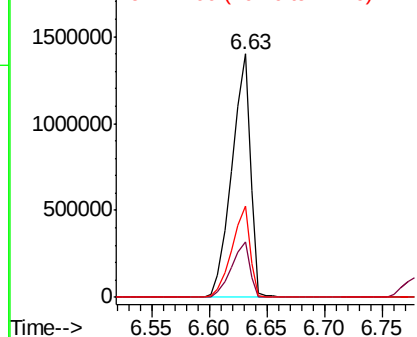
ND-SOIL

Tot Ion: 99 Resp: 1569083

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	37.6	25.4	38.0



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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

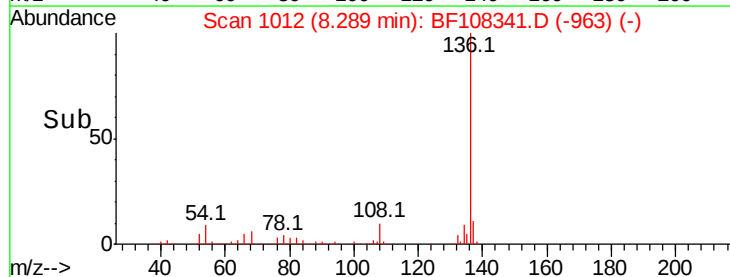
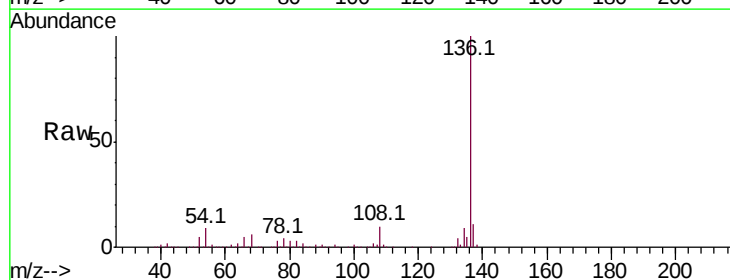
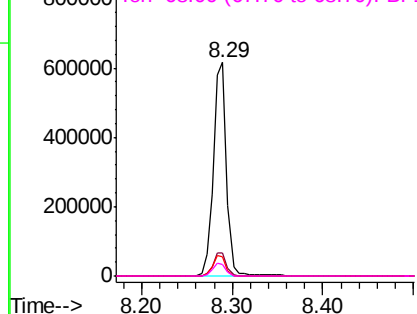
Lab File: BF108341.D

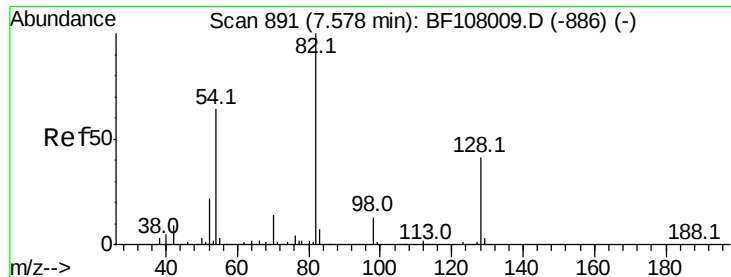
Acq: 21 Aug 2018 16:11

Tgt Ion: 136 Resp: 628137

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	5.7	5.0	7.4

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

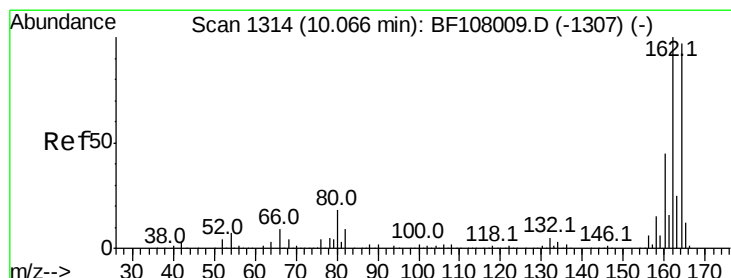
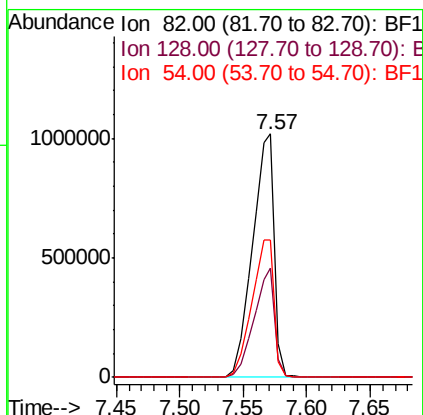
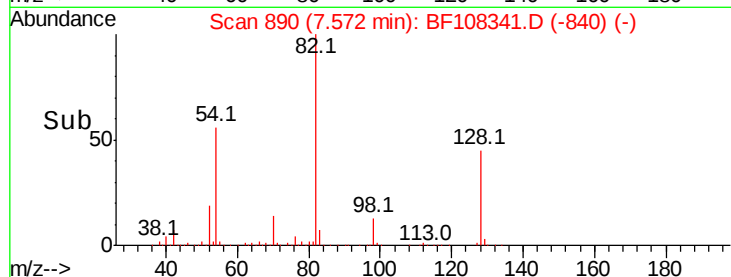
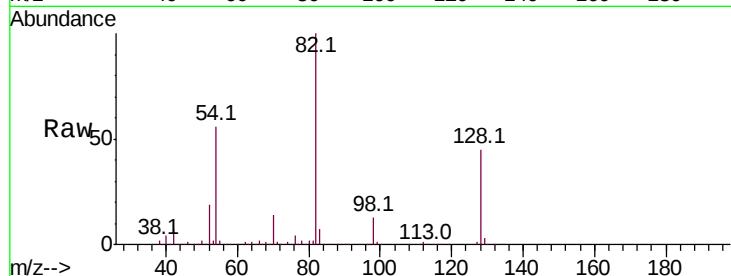




#23
 Nitrobenzene-d5
 Concen: 108.619 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108341.D
 Acq: 21 Aug 2018 16:11

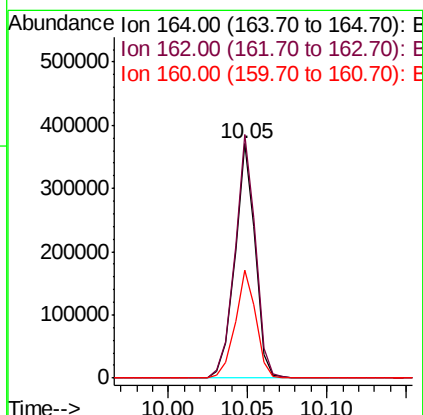
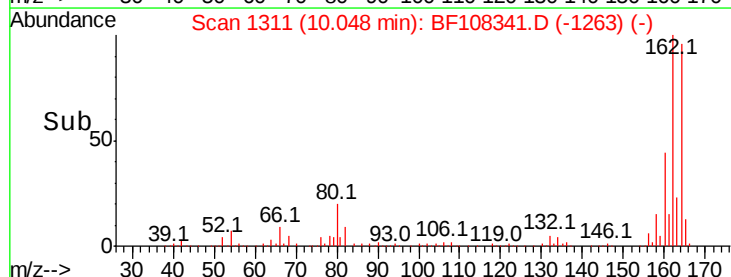
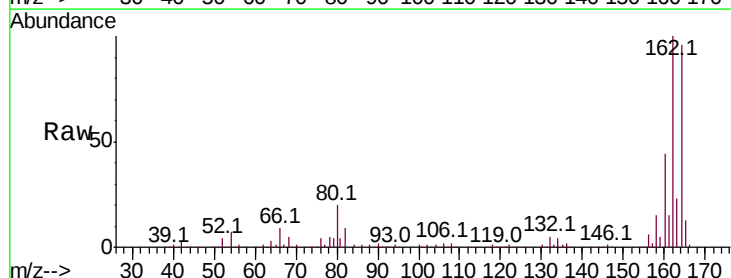
Instrument :
 BNA_F
 ClientSampled :
 ND-SOIL

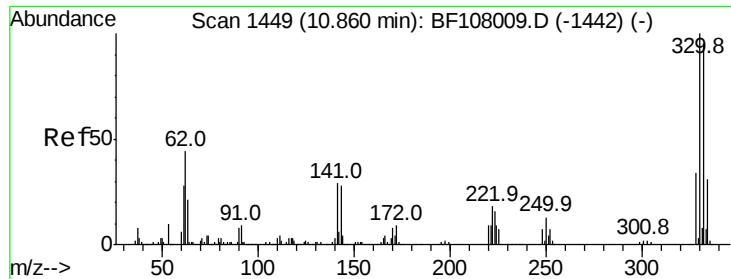
Tot Ion: 82 Resp: 1222681
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 56.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108341.D
 Acq: 21 Aug 2018 16:11

Tgt Ion:164 Resp: 327467
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.8 38.3 57.5

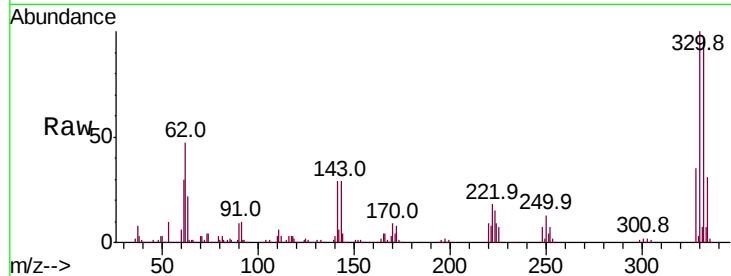




#41
 2,4,6-Tribromophenol
 Concen: 171.815 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108341.D
 Acq: 21 Aug 2018 16:11

Instrument :
 BNA_F
 ClientSampleId :
 ND-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	31.8	29.9	44.9

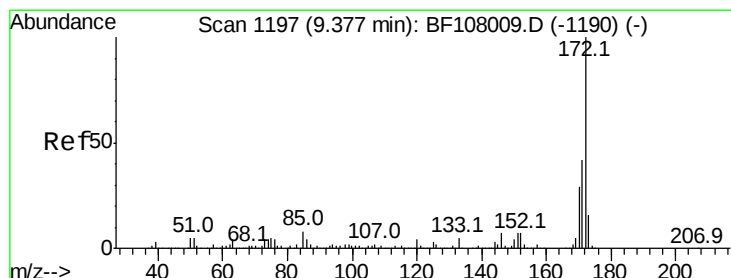
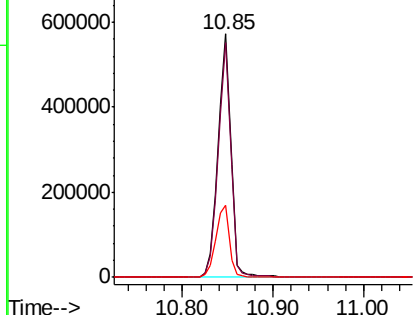
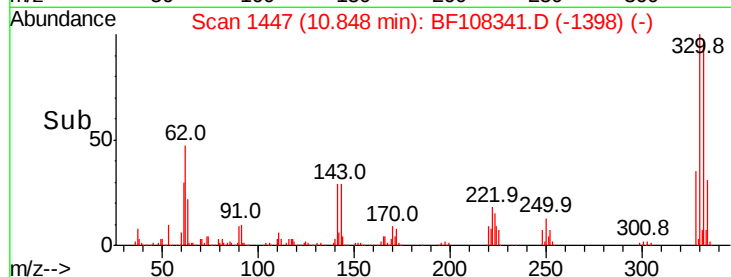


Abundance

Ion 329.80 (329.50 to 330.50): E

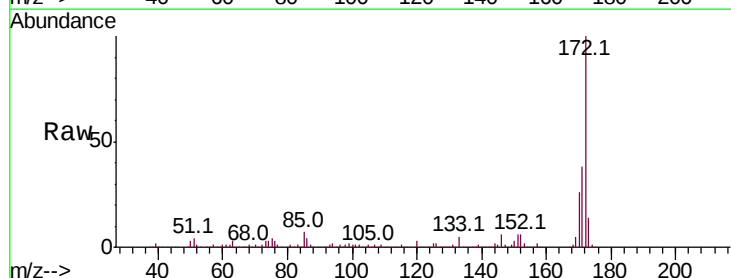
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.305 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108341.D
 Acq: 21 Aug 2018 16:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.7	44.5
170	25.7	19.6	29.4

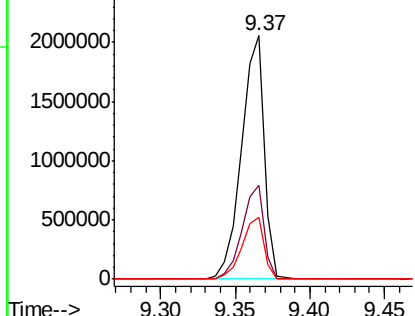
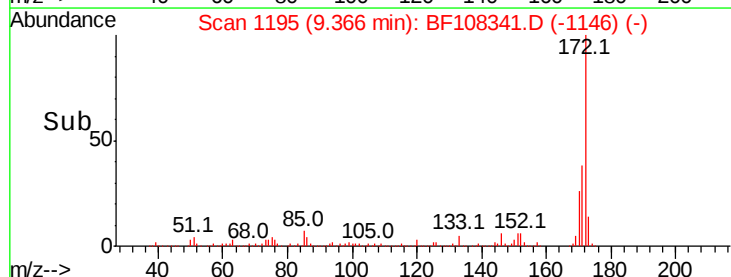


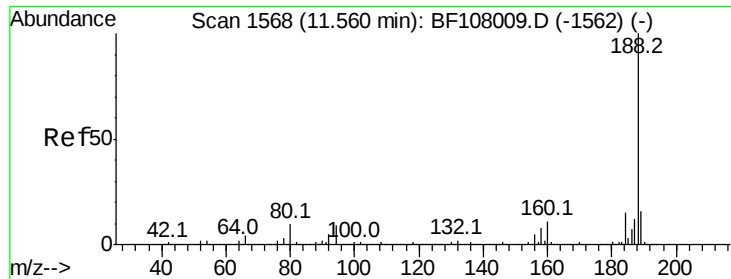
Abundance

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

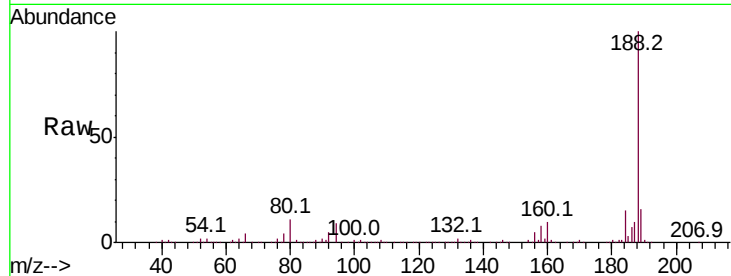




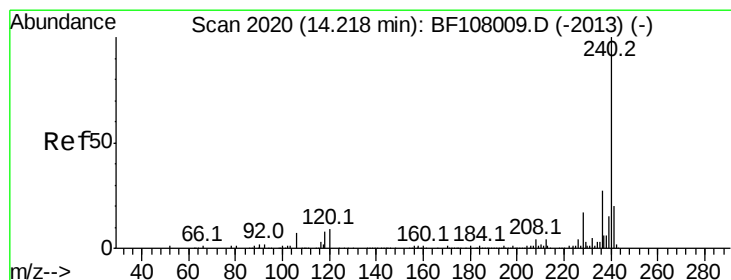
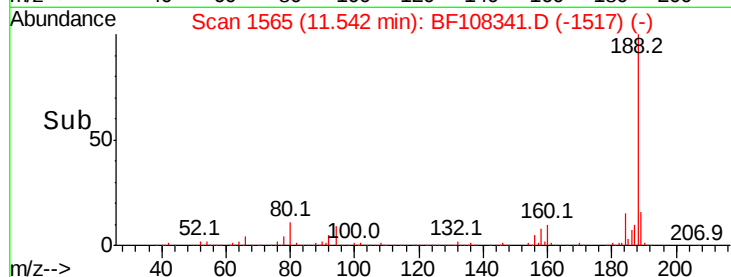
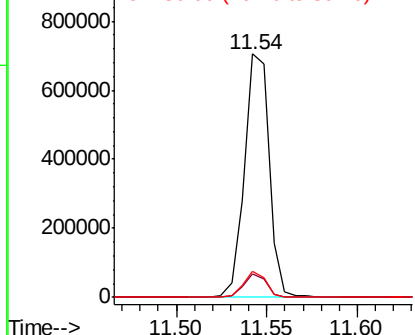
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108341.D
Acq: 21 Aug 2018 16:11

Instrument :
BNA_F
ClientSampleId :
ND-SOIL

Tot Ion:188 Resp: 669914
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.6 9.2 13.8

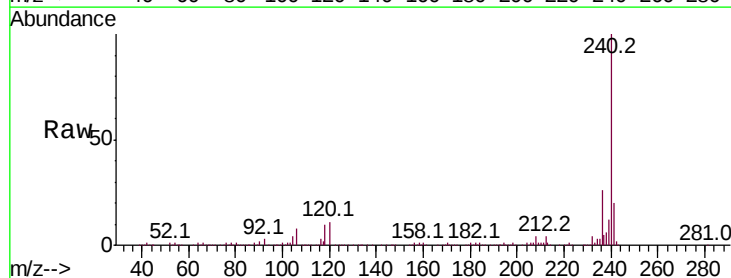


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

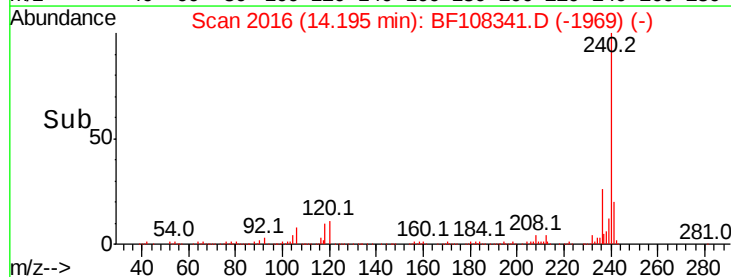
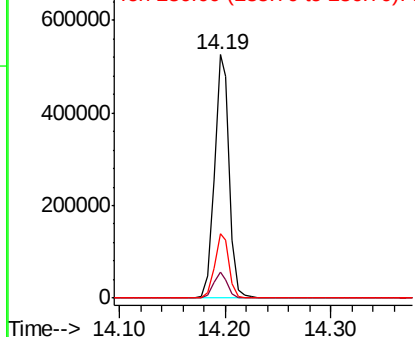


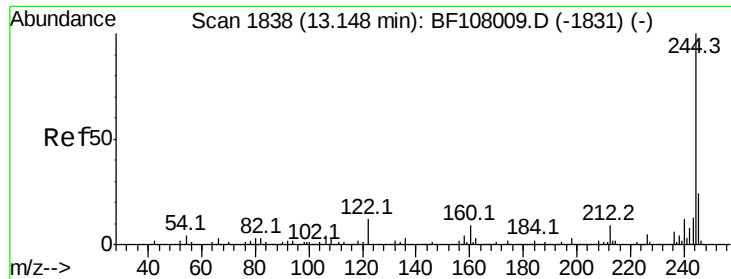
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF108341.D
Acq: 21 Aug 2018 16:11

Tgt Ion:240 Resp: 518896
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.747 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108341.D

Acq: 21 Aug 2018 16:11

Instrument :

BNA_F

ClientSampleId :

ND-SOIL

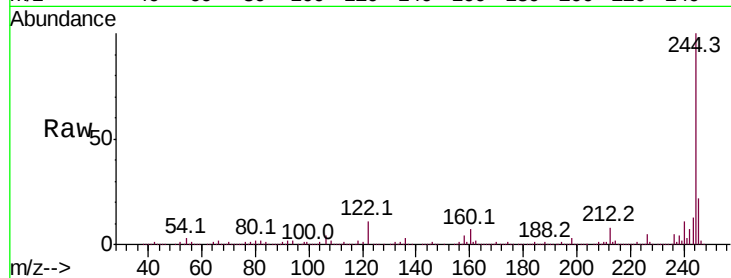
Tot Ion:244 Resp: 2219345

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

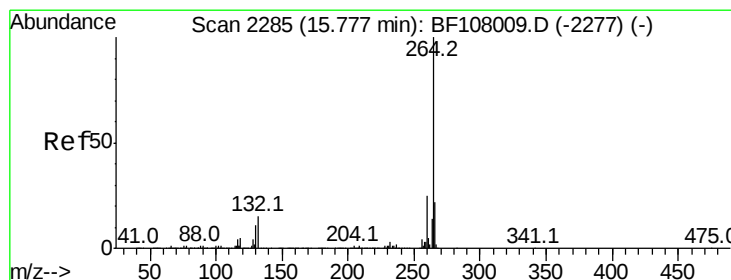
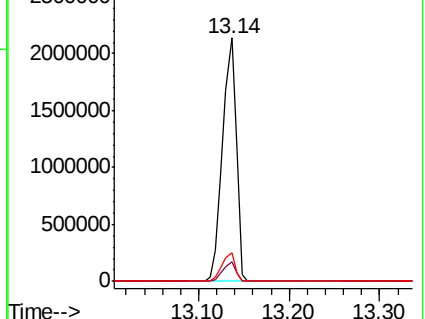
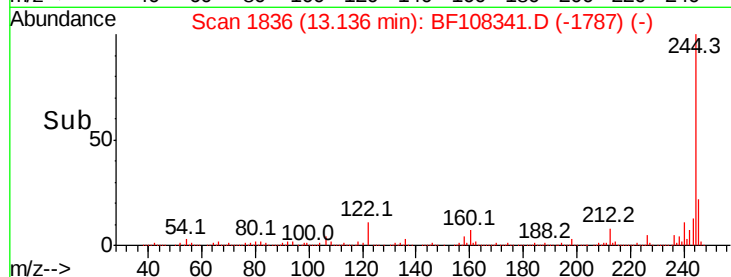
122 11.5 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108341.D

Acq: 21 Aug 2018 16:11

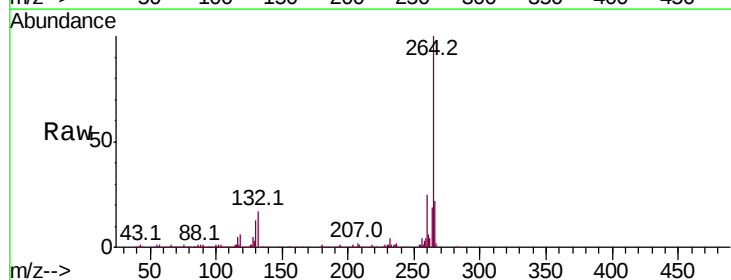
Tgt Ion:264 Resp: 324277

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.8 17.5 26.3



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

