

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098897.D
 Acq On : 28 Sep 2017 8:35
 Operator : SJ/JU
 Sample : I5436-02RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVELRE

Quant Time: Sep 28 12:58:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	128791	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	503593	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	193147	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	303531	20.00	ng	0.00
75) Chrysene-d12	14.08	240	266642	20.00	ng	0.00
86) Perylene-d12	15.57	264	183080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1780993	220.14	ng	0.02
7) Phenol-d6	6.56	99	1990529	199.44	ng	0.01
23) Nitrobenzene-d5	7.49	82	1371275	174.63	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	357927	226.47	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	2061547	178.18	ng	0.00
78) Terphenyl-d14	13.03	244	1608204	137.16	ng	0.00

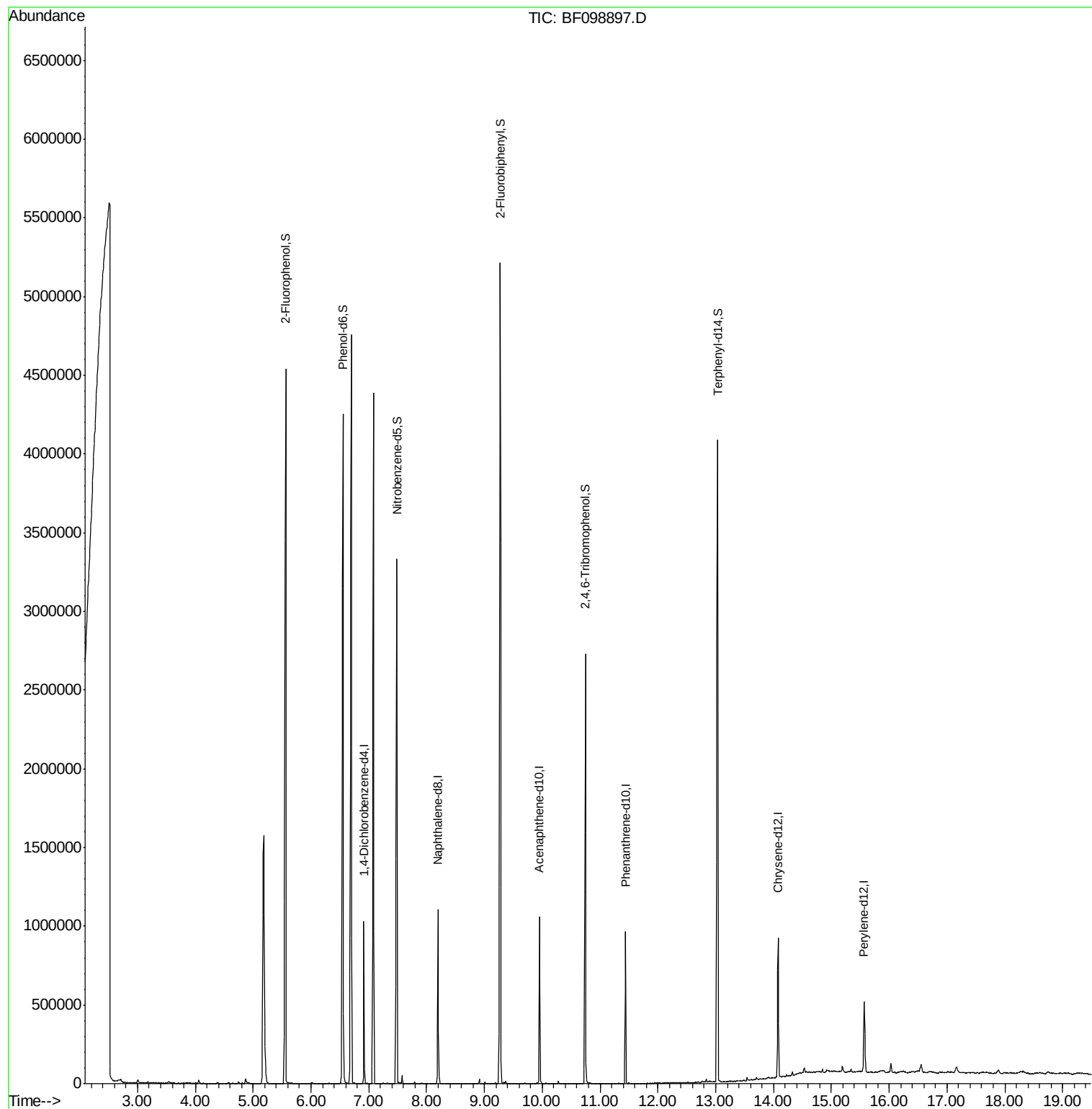
Target Compounds Qvalue

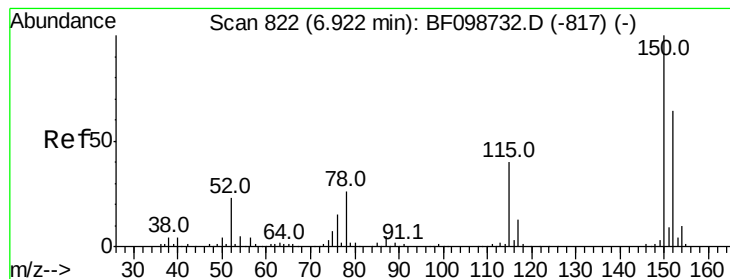
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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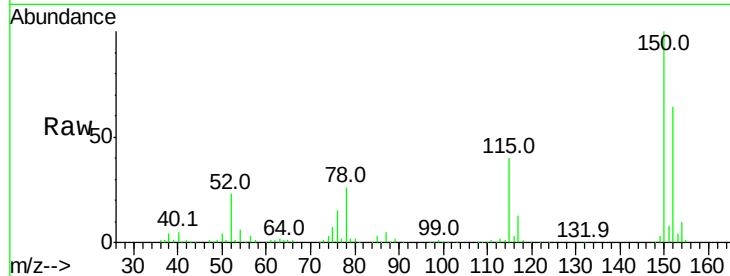


#1

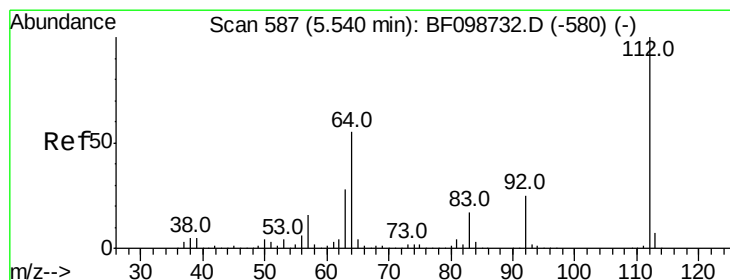
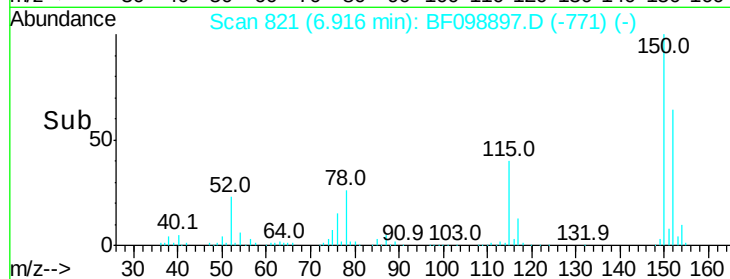
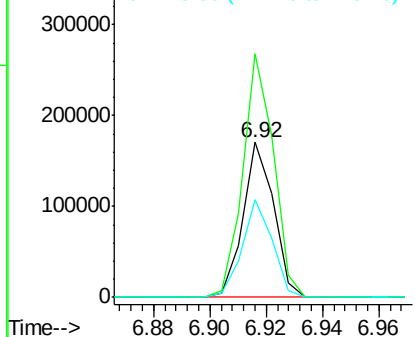
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098897.D
Acq: 28 Sep 2017 8:35

Instrument :
BNA_F
ClientSampleId :
OILY-GRAVELRE

Tot Ion:152 Resp: 128791
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 63.2 50.1 75.1



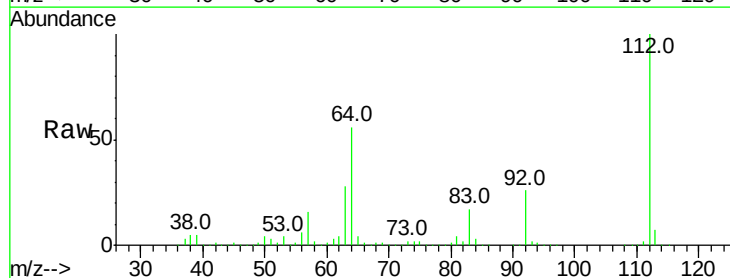
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



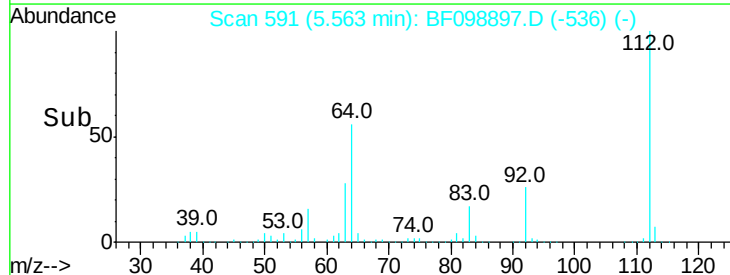
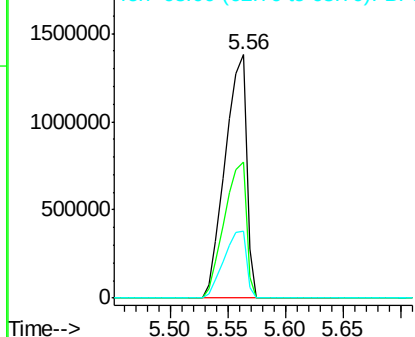
#5

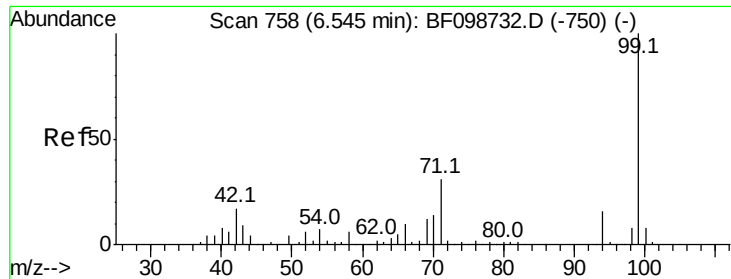
2-Fluorophenol
Concen: 220.137 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.02 min
Lab File: BF098897.D
Acq: 28 Sep 2017 8:35

Tgt Ion:112 Resp: 1780993
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 199.444 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF098897.D

Acq: 28 Sep 2017 8:35

Instrument :

BNA_F

ClientSampleId :

OILY-GRAVELRE

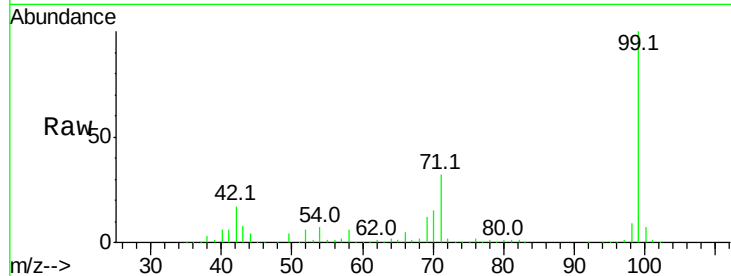
Tot Ion: 99 Resp: 1990529

Ion Ratio Lower Upper

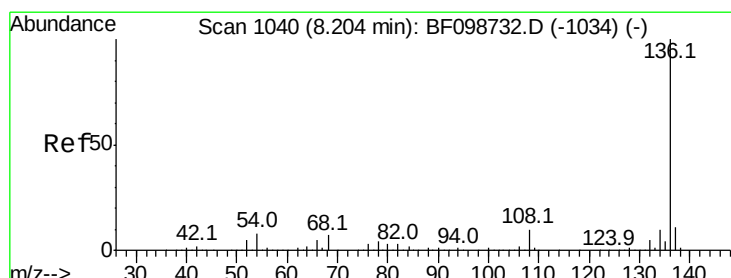
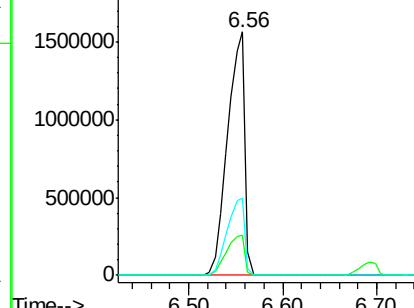
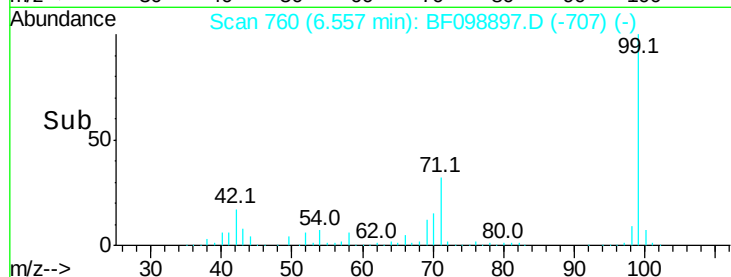
99 100

42 16.6 14.5 21.7

71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098897.D

Acq: 28 Sep 2017 8:35

Tgt Ion: 136 Resp: 503593

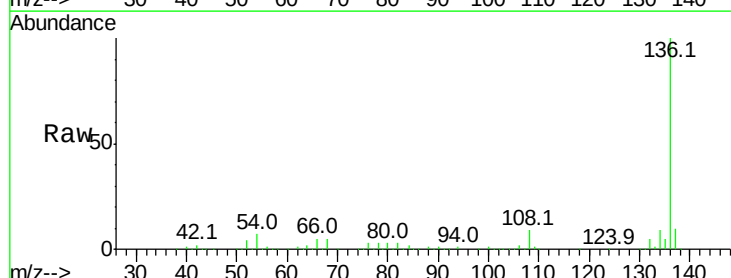
Ion Ratio Lower Upper

136 100

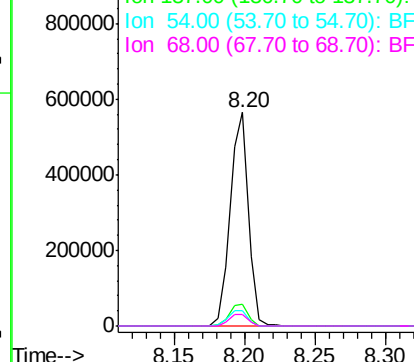
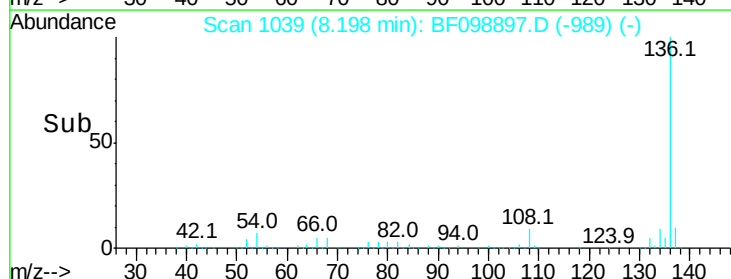
137 10.5 8.9 13.3

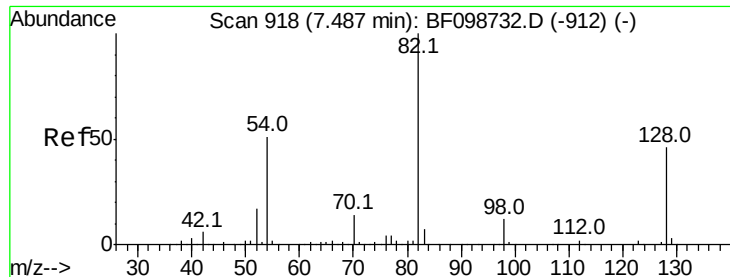
54 7.5 6.6 9.8

68 5.4 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): BF0
Ion 68.00 (67.70 to 68.70): BF0



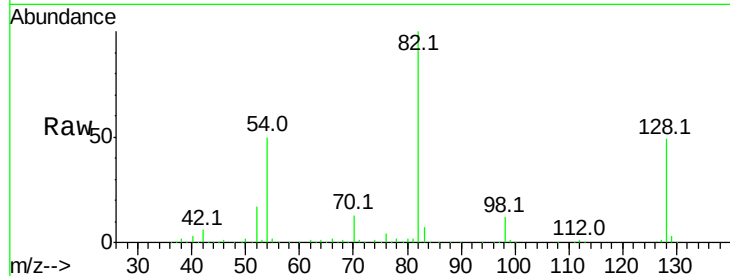


#23
 Nitrobenzene-d5
 Concen: 174.625 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF098897.D
 Acq: 28 Sep 2017 8:35

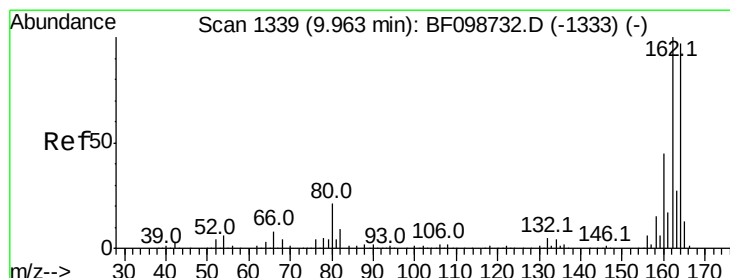
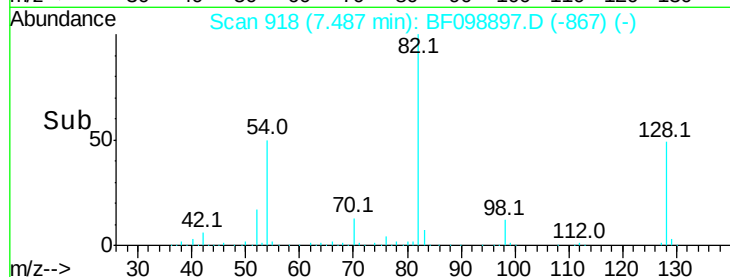
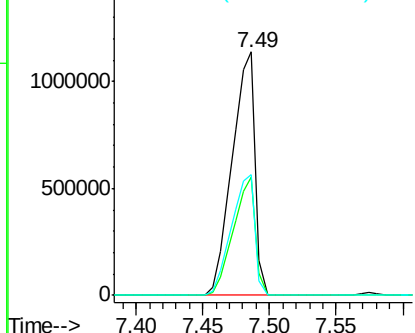
Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVELRE

Tot Ion: 82 Resp: 1371275

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	49.7	41.4	62.2



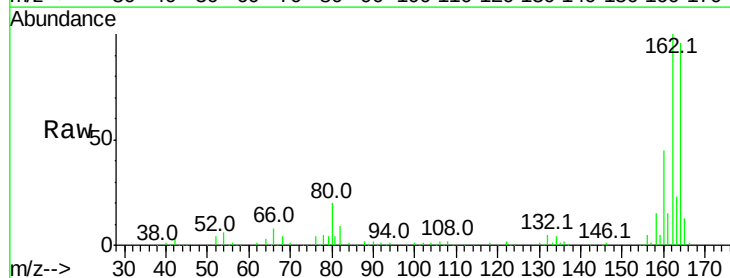
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



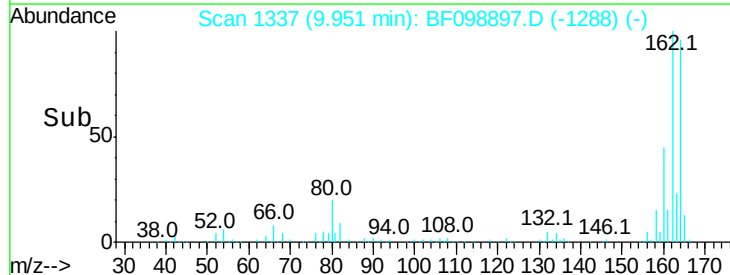
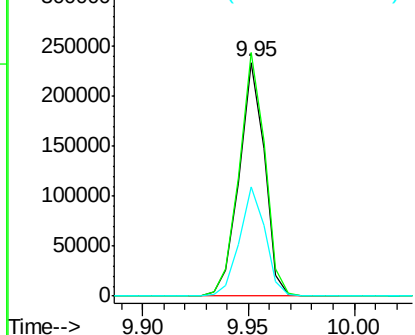
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098897.D
 Acq: 28 Sep 2017 8:35

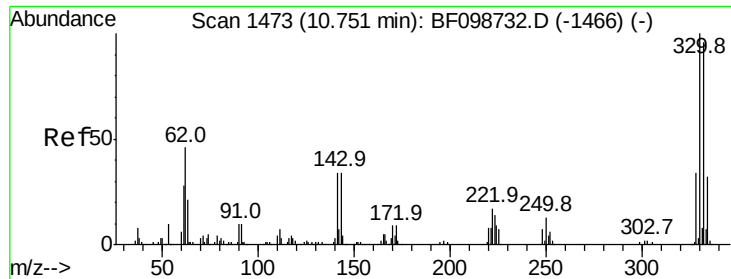
Tgt Ion:164 Resp: 193147

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.8	38.3	57.5



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

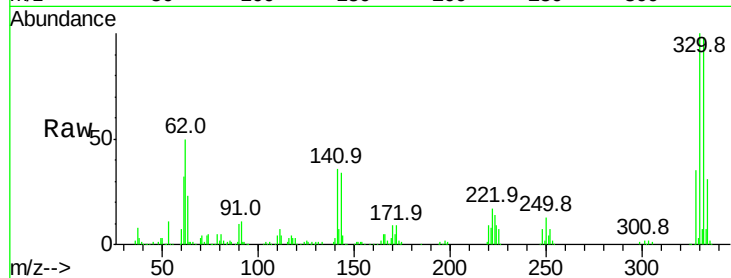




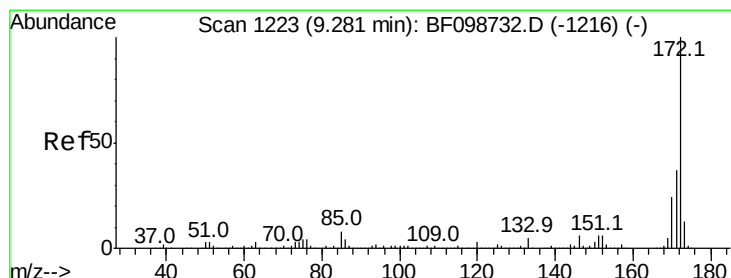
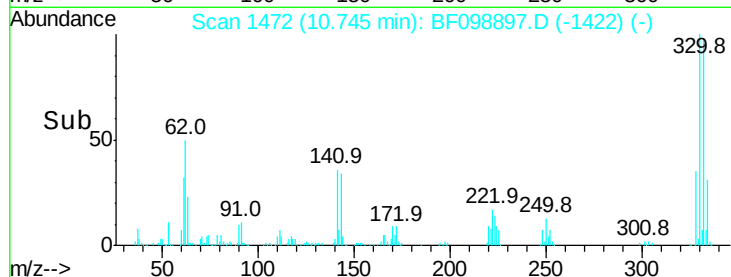
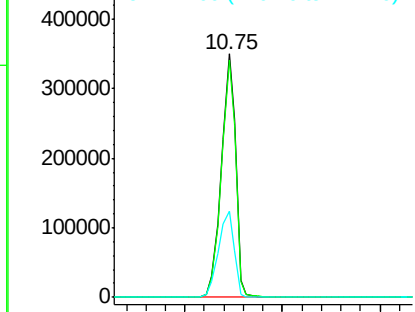
#41
 2,4,6-Tribromophenol
 Concen: 226.469 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098897.D
 Acq: 28 Sep 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVELRE

Tot Ion:330 Resp: 357927
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 39.3 29.9 44.9

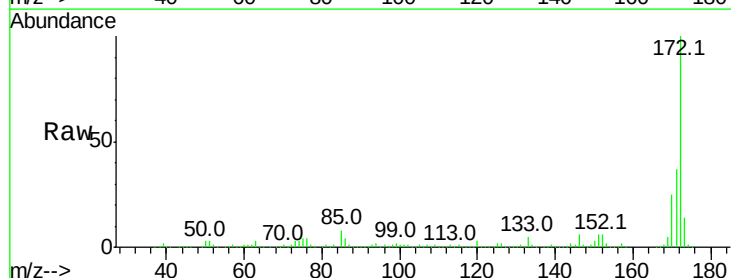


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

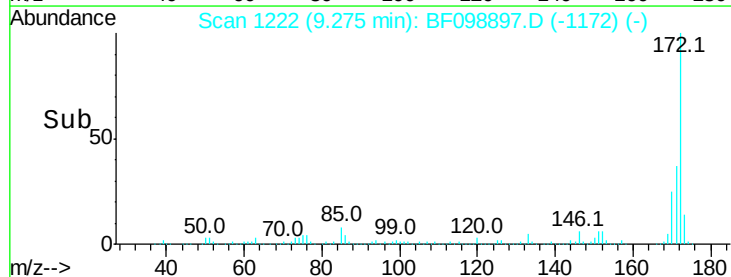
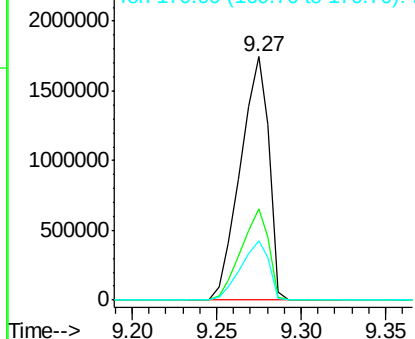


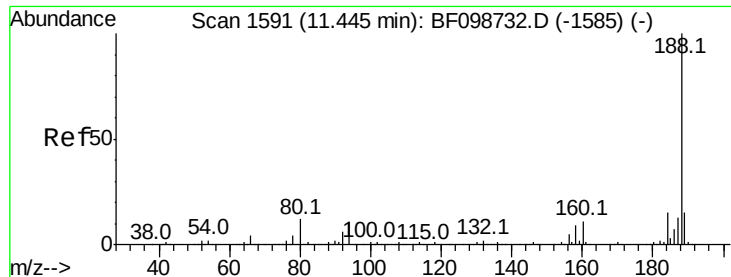
#44
 2-Fluorobiphenyl
 Concen: 178.185 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098897.D
 Acq: 28 Sep 2017 8:35

Tgt Ion:172 Resp: 2061547
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.5 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

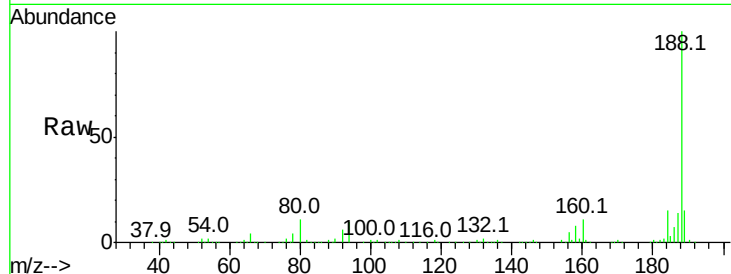




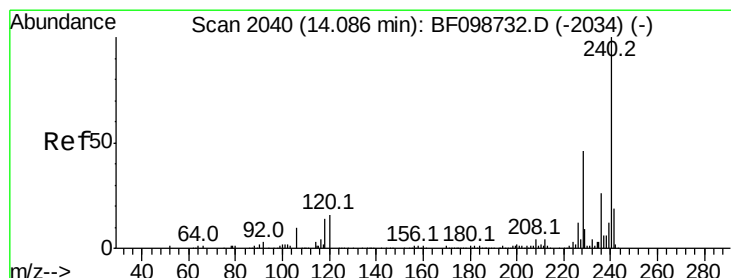
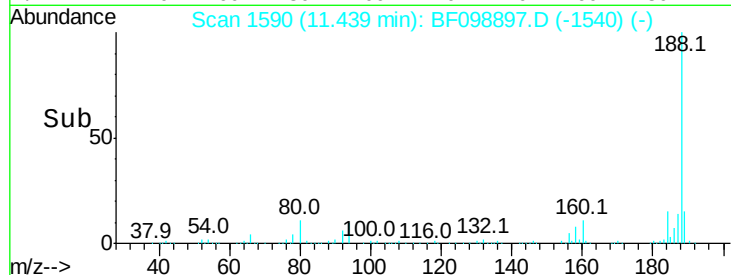
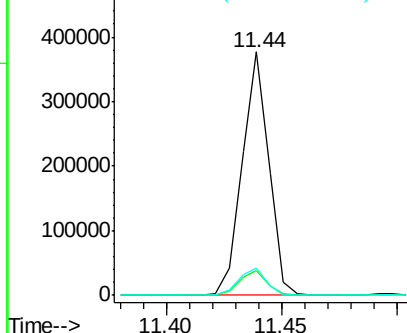
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098897.D
Acq: 28 Sep 2017 8:35

Instrument :
BNA_F
ClientSampleId :
OILY-GRAVELRE

Tot Ion:188 Resp: 303531
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8

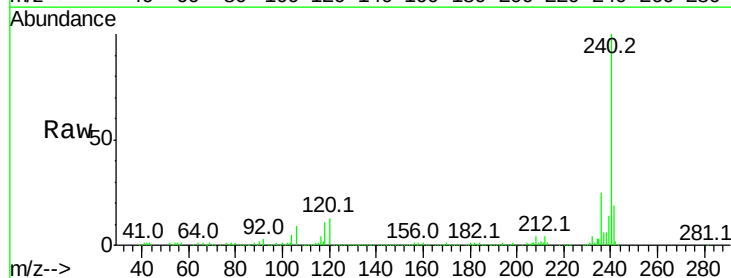


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

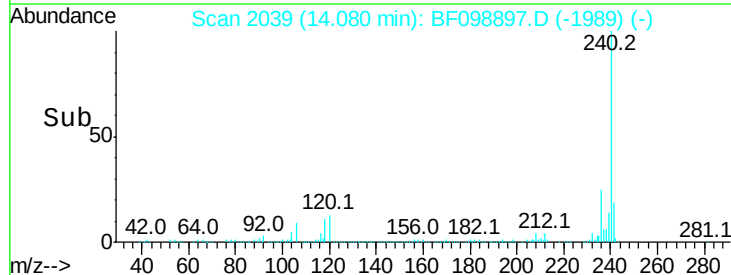
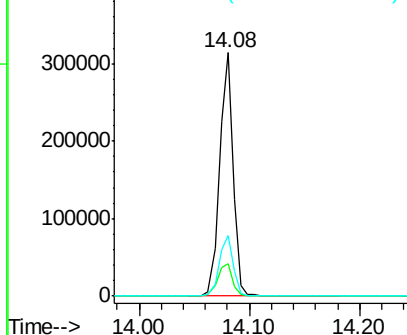


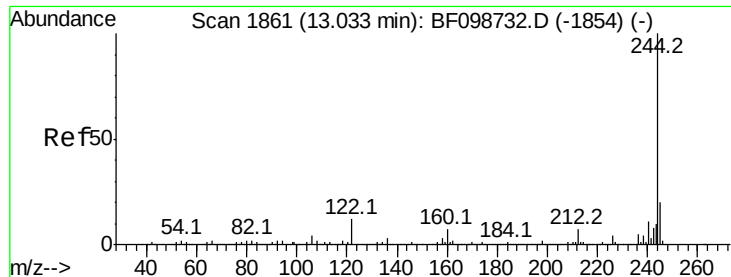
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098897.D
Acq: 28 Sep 2017 8:35

Tgt Ion:240 Resp: 266642
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.1 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



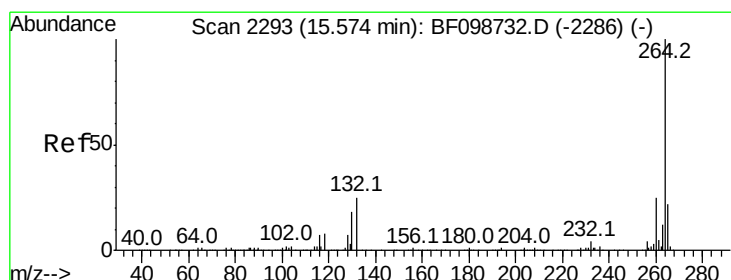
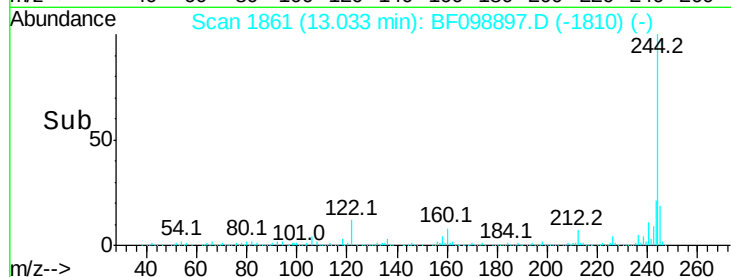
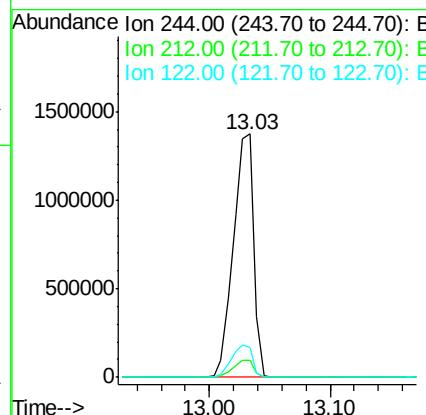
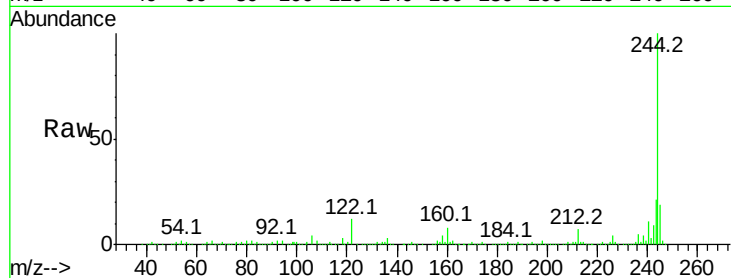


#78
 Terphenyl-d14
 Concen: 137.164 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: BF098897.D
 Acq: 28 Sep 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVELRE

Tot Ion:244 Resp: 1608204

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098897.D
 Acq: 28 Sep 2017 8:35

Tgt Ion:264 Resp: 183080

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3

