

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094673.D
 Acq On : 27 Apr 2017 19:41
 Operator : SJ/MA
 Sample : I2870-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS-DRUMS(COMP)

Quant Time: Apr 28 05:28:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114096	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	466752	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	218183	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	387171	20.00	ng	0.00
75) Chrysene-d12	14.47	240	285179	20.00	ng	0.00
86) Perylene-d12	16.09	264	159918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	894737	130.10	ng	0.03
7) Phenol-d6	5.40	99	1034613	127.61	ng	0.00
23) Nitrobenzene-d5	6.42	82	715454	94.65	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	259024	151.78	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1318523	88.92	ng	0.00
78) Terphenyl-d14	13.20	244	1186572	111.22	ng	0.00

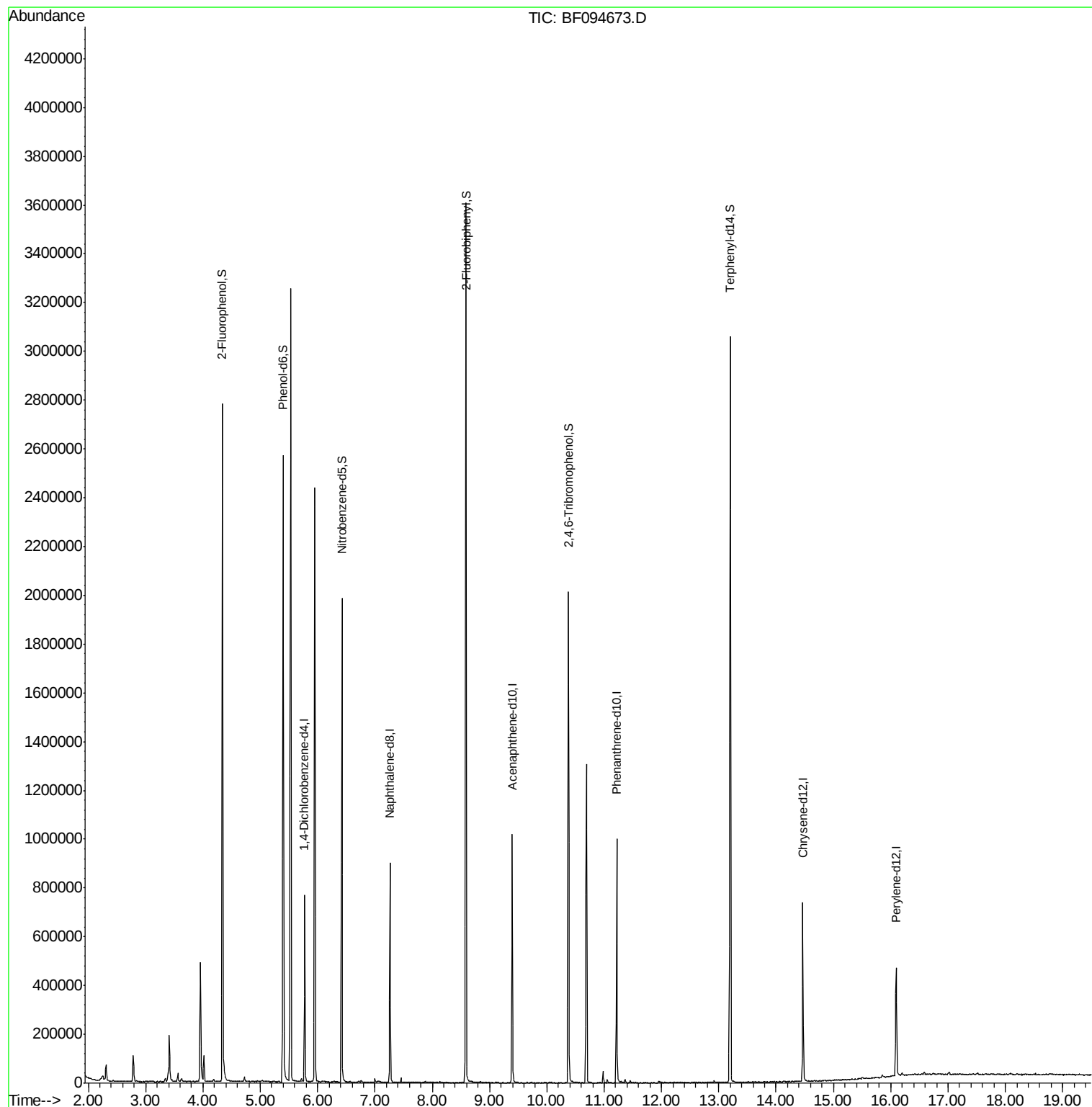
Target Compounds Qvalue

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

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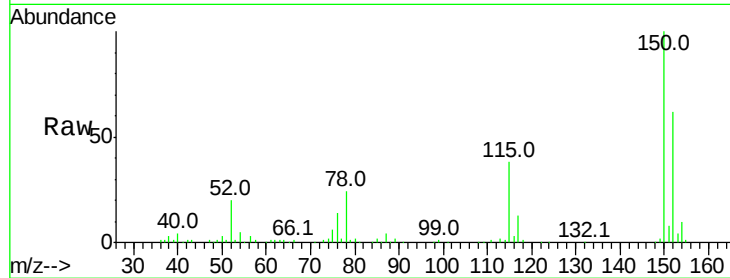


#1

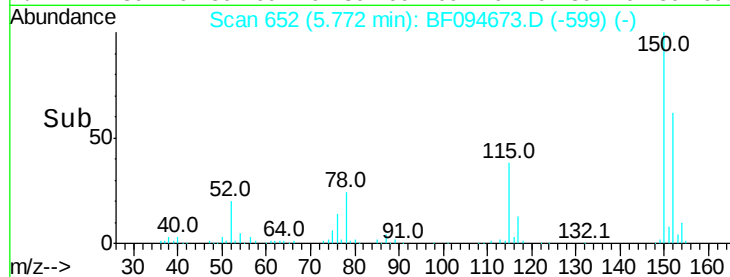
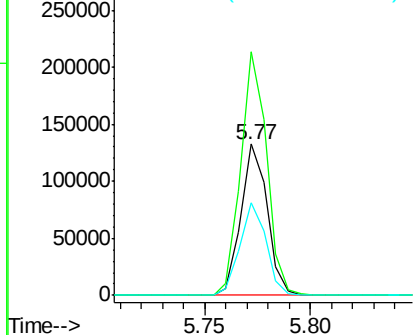
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094673.D
Acq: 27 Apr 2017 19:41

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-DRUMS(COMP)

Tot Ion:152 Resp: 114096
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 61.2 52.2 78.2



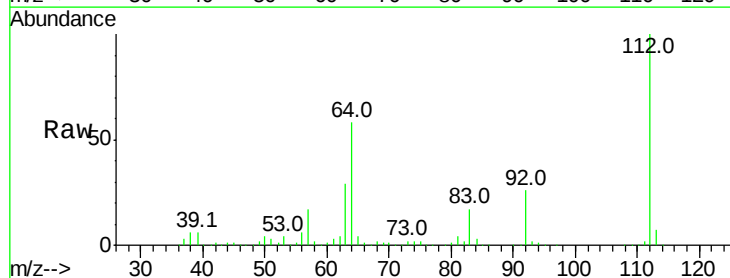
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



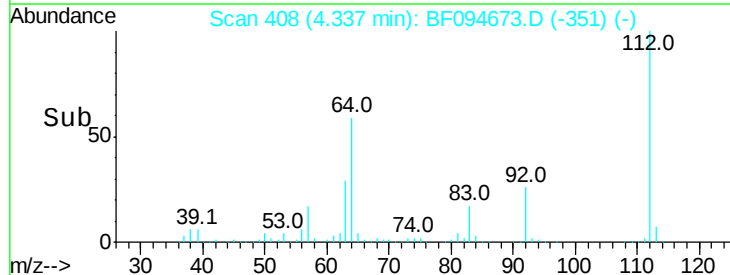
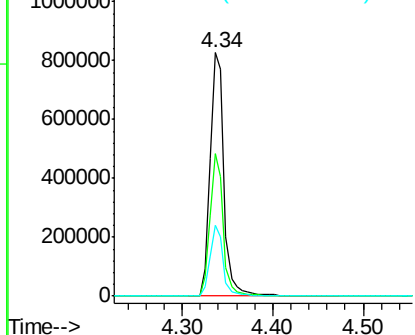
#5

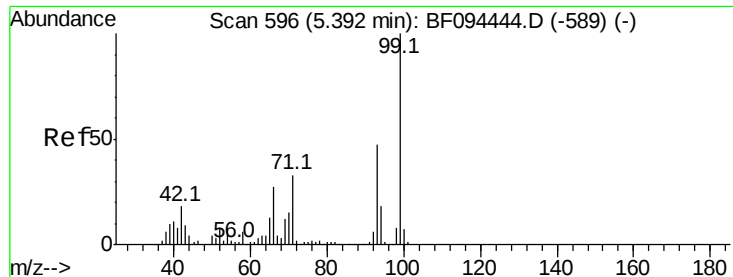
2-Fluorophenol
Concen: 130.10 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094673.D
Acq: 27 Apr 2017 19:41

Tgt Ion:112 Resp: 894737
Ion Ratio Lower Upper
112 100
64 58.4 46.0 69.0
63 28.9 23.4 35.0



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: 127.61 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094673.D

Acq: 27 Apr 2017 19:41

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-DRUMS(COMP)

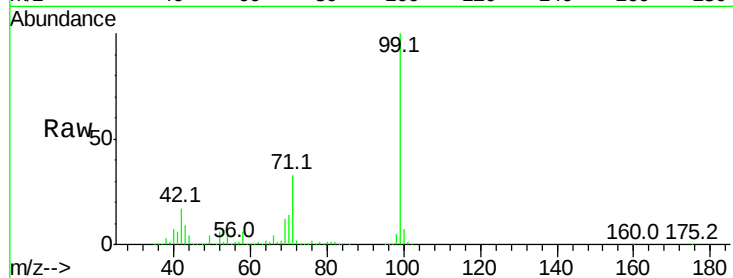
Tot Ion: 99 Resp: 1034613

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.3	24.5	36.7

99 100

42 17.1 13.5 20.3

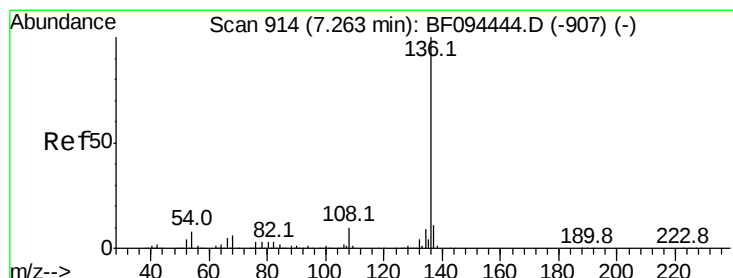
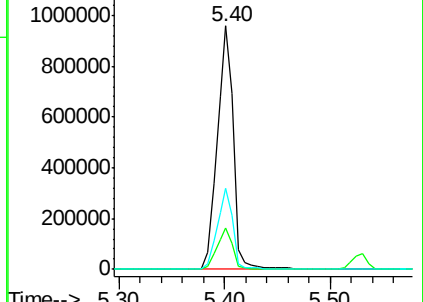
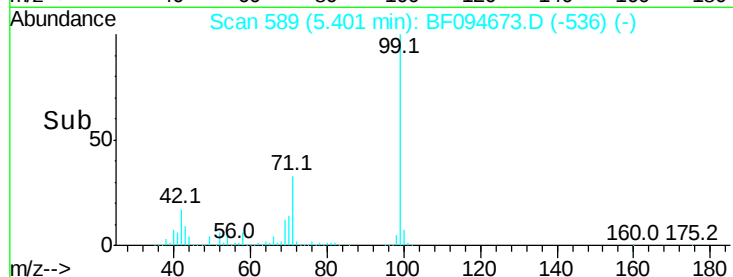
71 33.3 24.5 36.7



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: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094673.D

Acq: 27 Apr 2017 19:41

Tgt Ion: 136 Resp: 466752

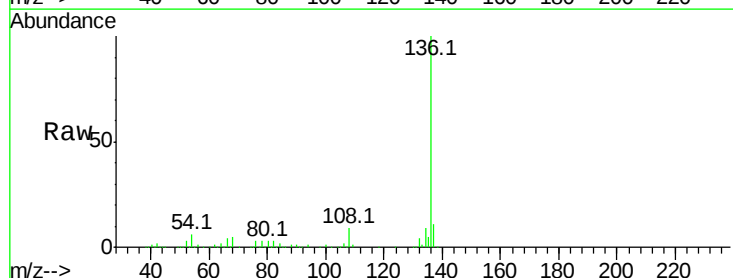
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.4	4.9	7.3
68	5.1	4.1	6.1

136 100

137 10.9 8.5 12.7

54 6.4 4.9 7.3

68 5.1 4.1 6.1

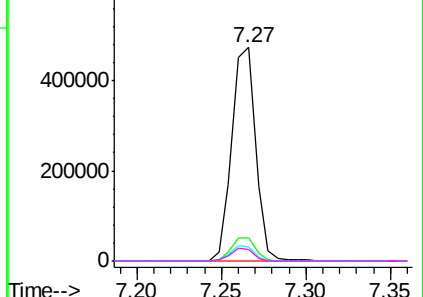
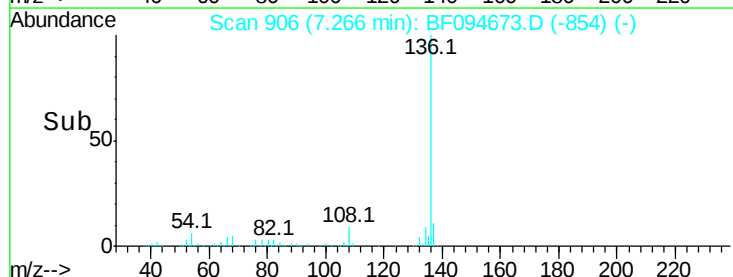


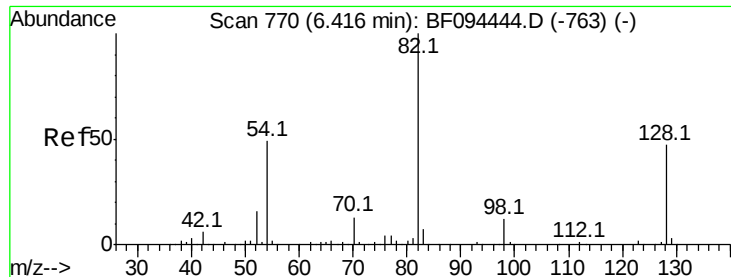
Abundance Ion 136.00 (135.70 to 136.70): E

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

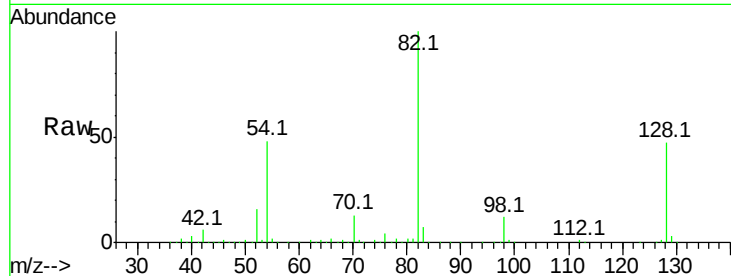




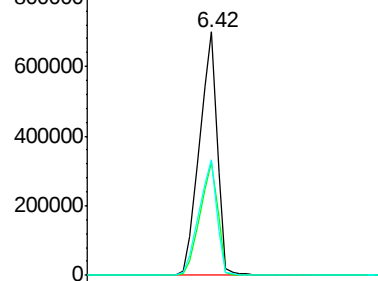
#23
 Nitrobenzene-d5
 Concen: 94.65 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094673.D
 Acq: 27 Apr 2017 19:41

Instrument :
 BNA_F
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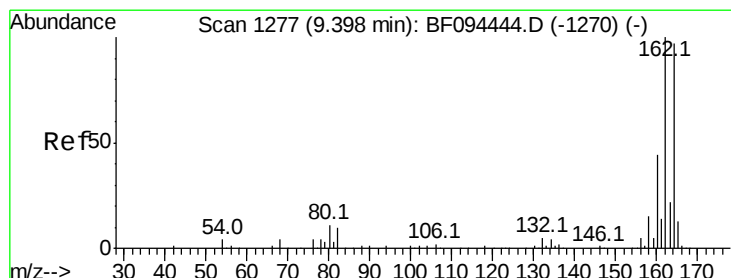
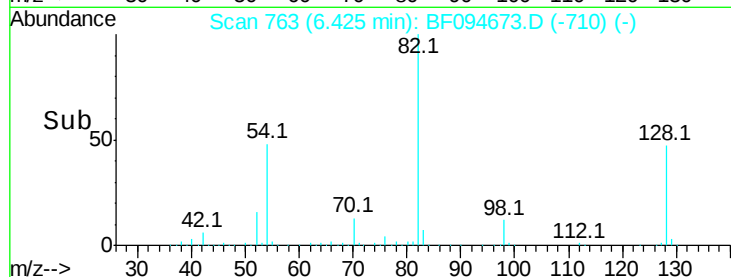
Tot Ion: 82 Resp: 715454
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 47.6 42.2 63.2



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

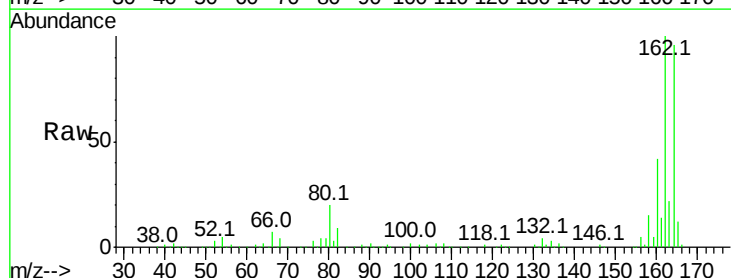


Time-->

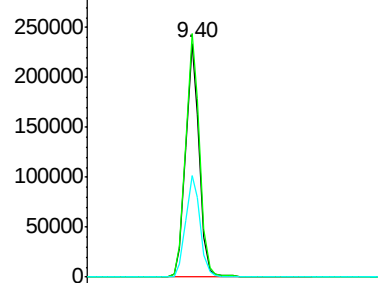


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094673.D
 Acq: 27 Apr 2017 19:41

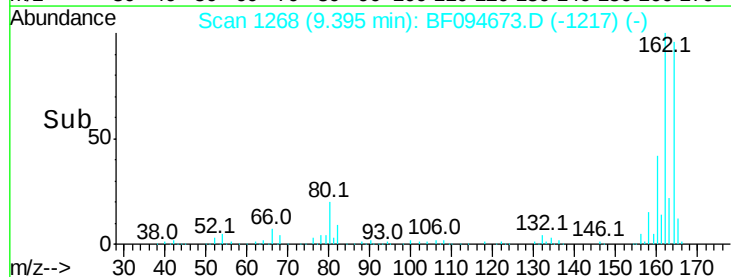
Tgt Ion:164 Resp: 218183
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 43.7 36.2 54.2

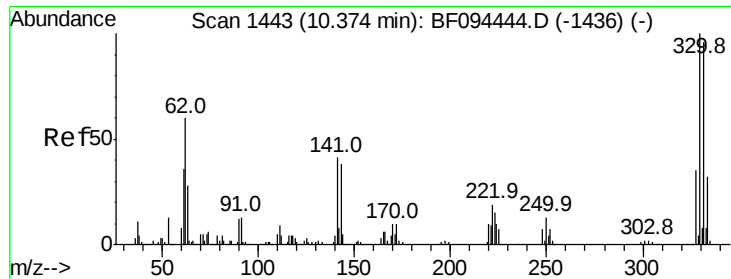


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->

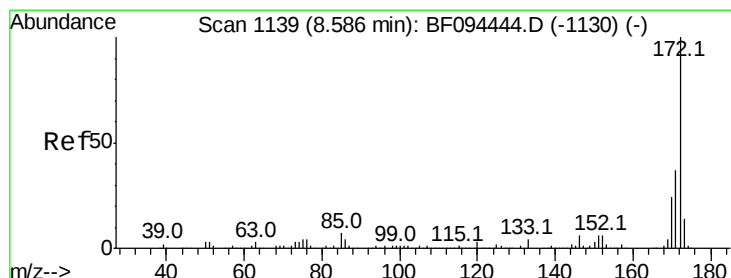
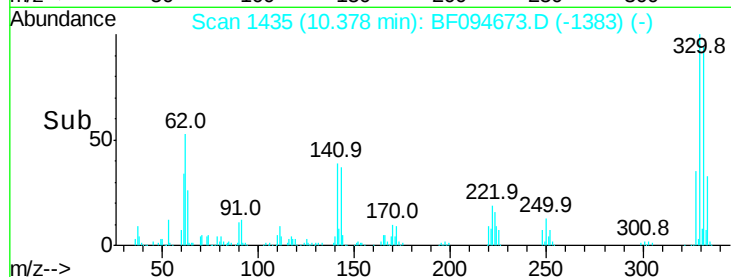
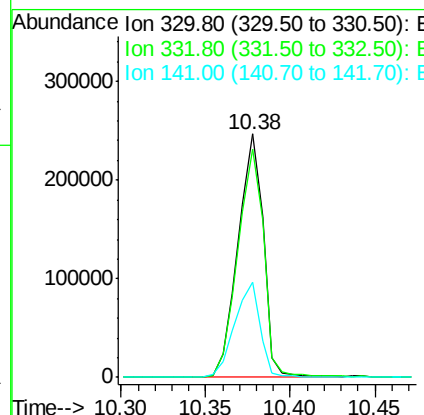
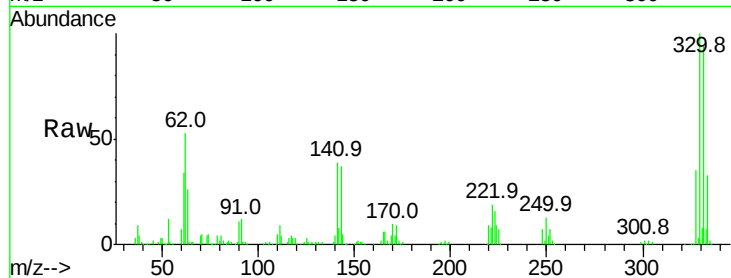




#41
 2,4,6-Tribromophenol
 Concen: 151.78 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094673.D
 Acq: 27 Apr 2017 19:41

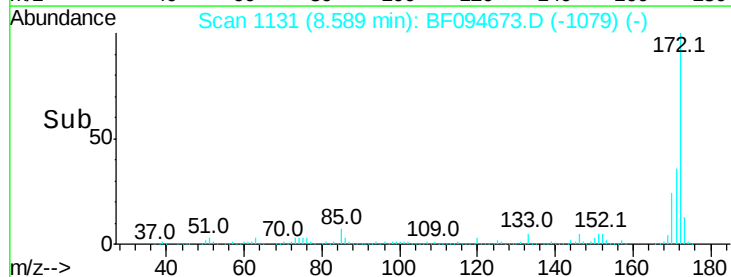
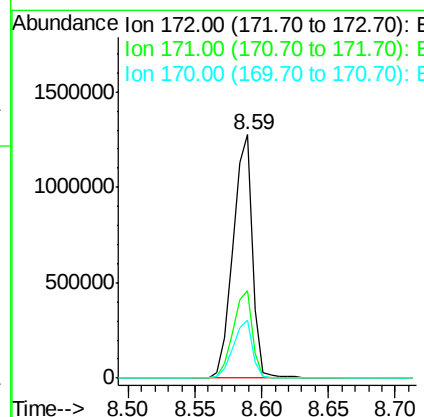
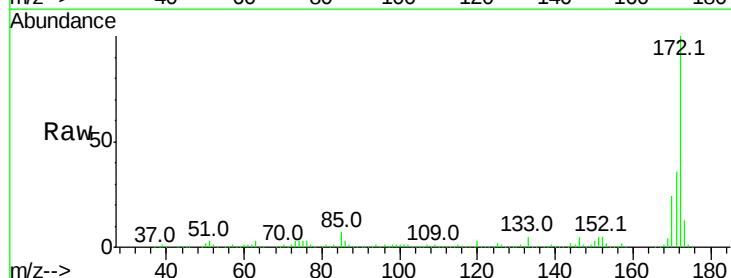
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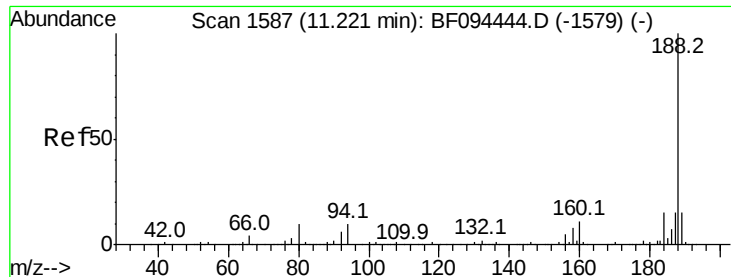
Tot Ion:330 Resp: 259024
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 88.92 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094673.D
 Acq: 27 Apr 2017 19:41

Tgt Ion:172 Resp: 1318523
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.1 19.8 29.8

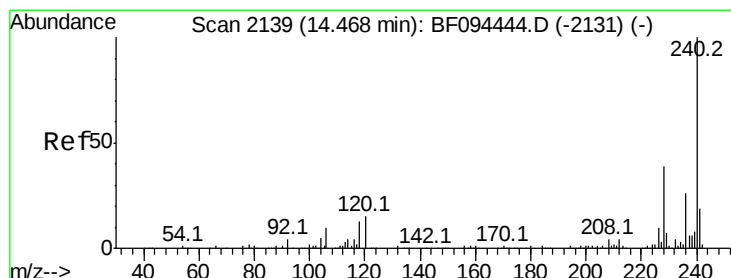
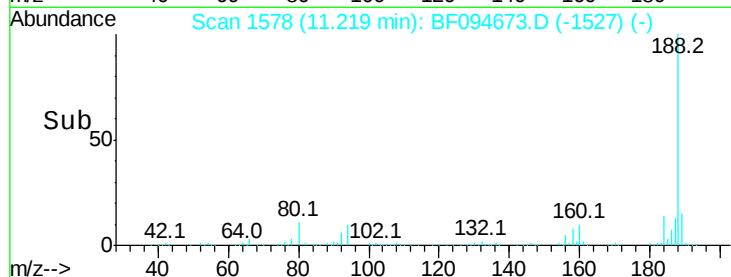
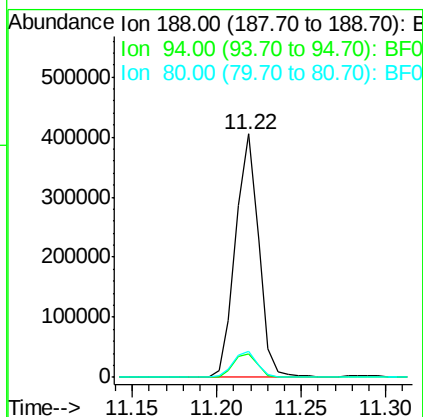
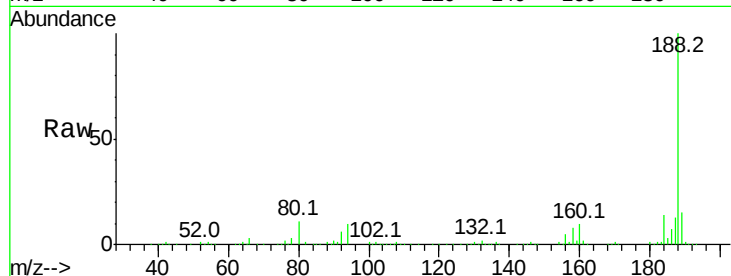




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094673.D
 Acq: 27 Apr 2017 19:41

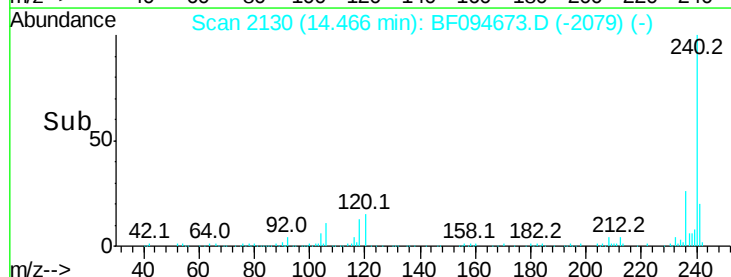
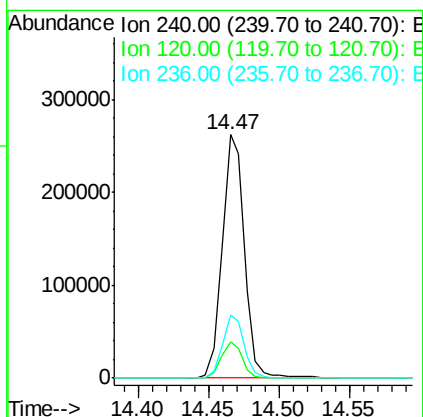
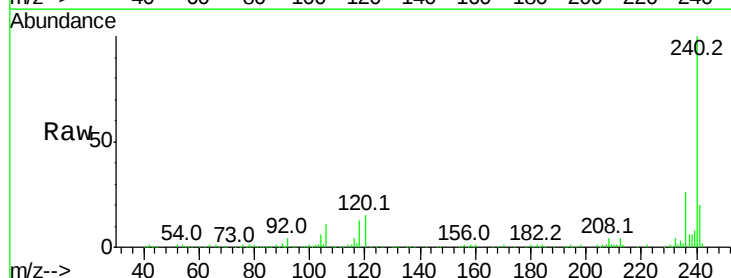
Instrument :
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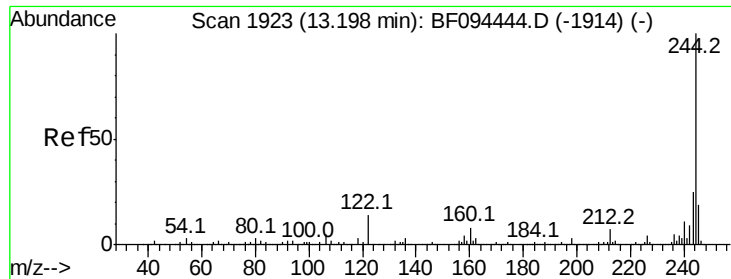
Tot Ion:188 Resp: 387171
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094673.D
 Acq: 27 Apr 2017 19:41

Tgt Ion:240 Resp: 285179
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.7 20.5 30.7





#78

Terphenyl-d14

Concen: 111.22 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094673.D

Acq: 27 Apr 2017 19:41

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-DRUMS(COMP)

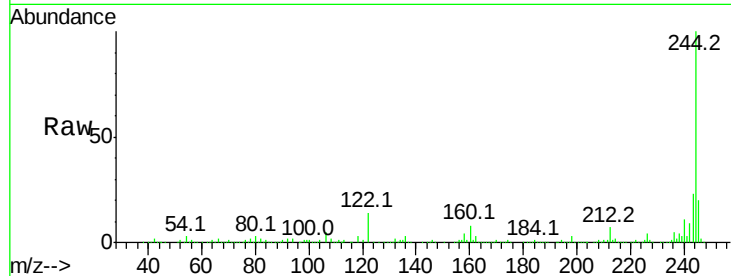
Tot Ion:244 Resp: 1186572

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

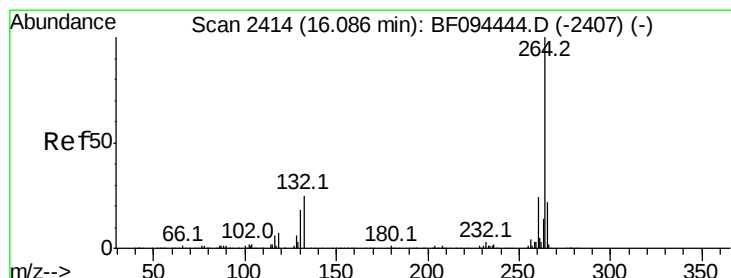
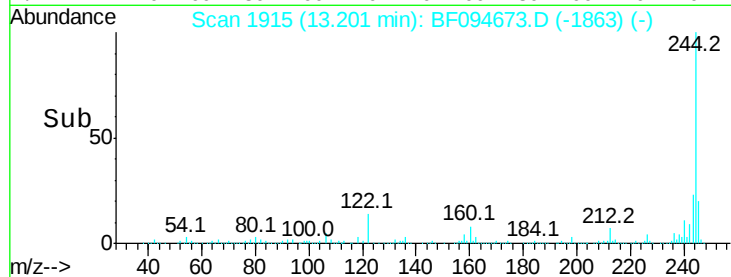
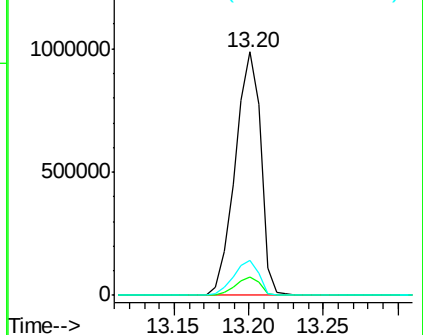
122 14.3 10.3 15.5



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: 20.00 ng

RT: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094673.D

Acq: 27 Apr 2017 19:41

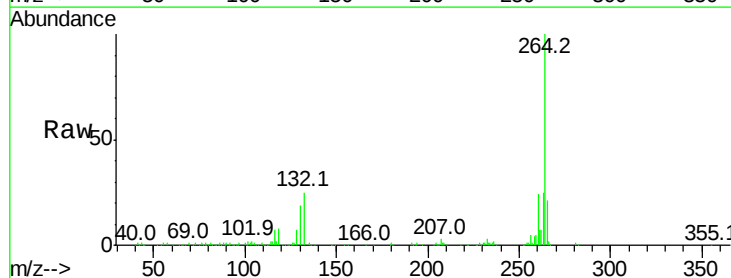
Tgt Ion:264 Resp: 159918

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.0 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

