

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104466.D
 Acq On : 12 Apr 2018 22:03
 Operator : JU/SJ
 Sample : J2337-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280-DEBRIS

Quant Time: Apr 13 01:31:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109631	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	406790	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	148480	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	240474	20.00	ng	0.00
75) Chrysene-d12	13.99	240	216003	20.00	ng	0.00
86) Perylene-d12	15.45	264	154828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	849198	118.44	ng	0.03
7) Phenol-d6	6.45	99	700521	79.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	657284	105.51	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	199719	129.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1070094	113.85	ng	0.00
78) Terphenyl-d14	12.93	244	943307	99.56	ng	0.00

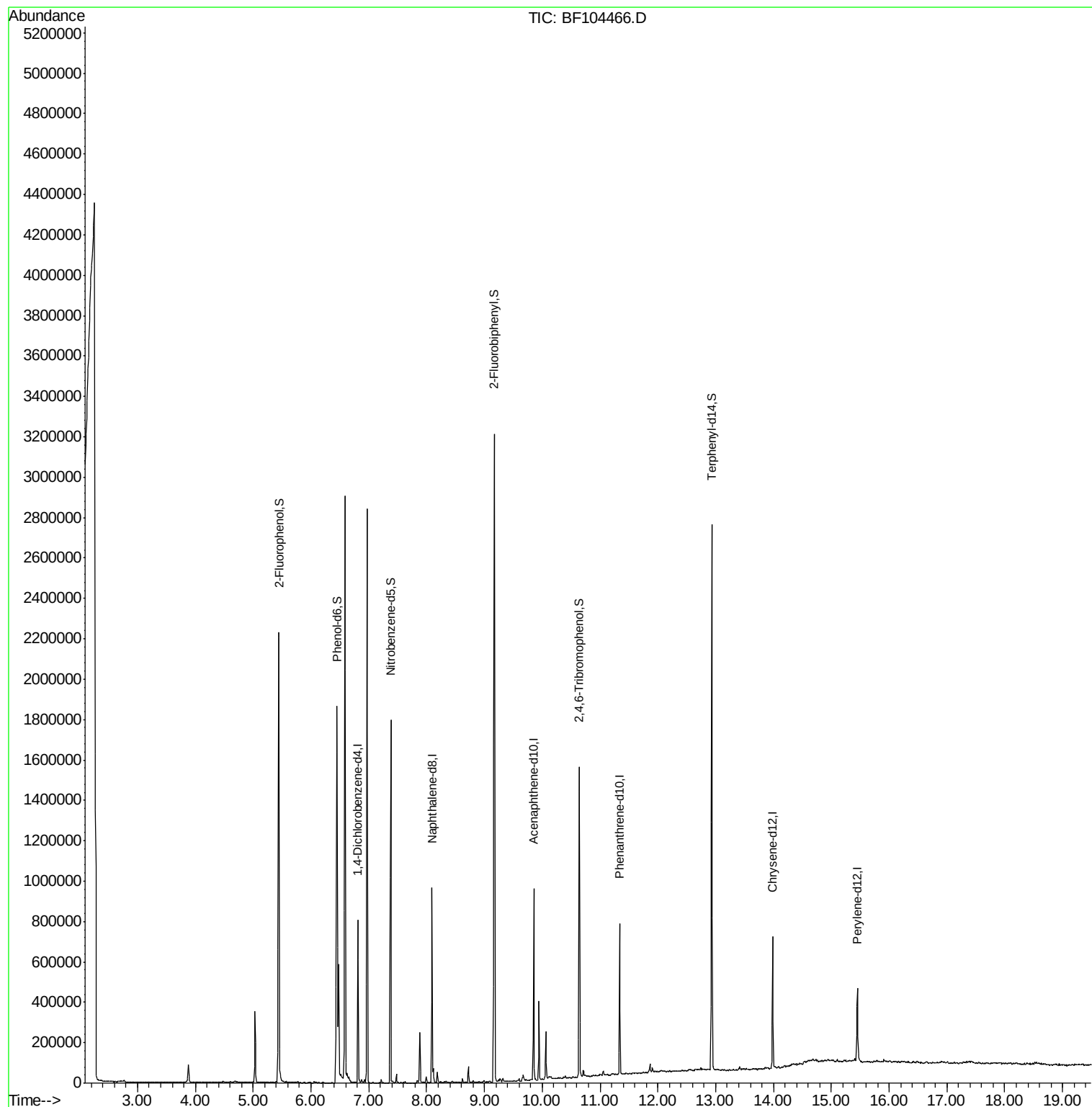
Target Compounds Qvalue

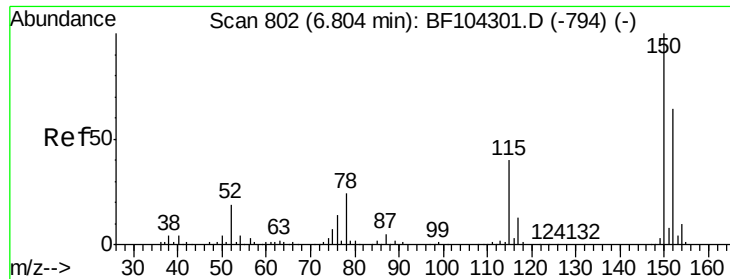
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

Instrument :

BNA_F

ClientSampleId :

ETGI-280-DEBRIS

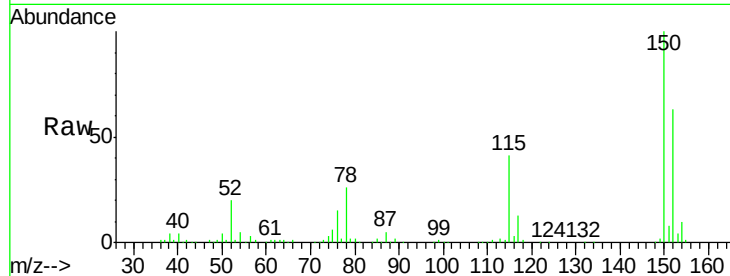
Tot Ion:152 Resp: 109631

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

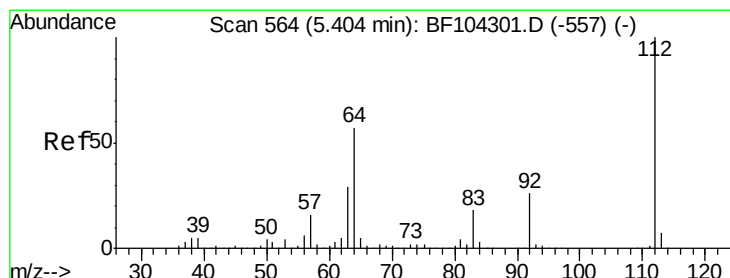
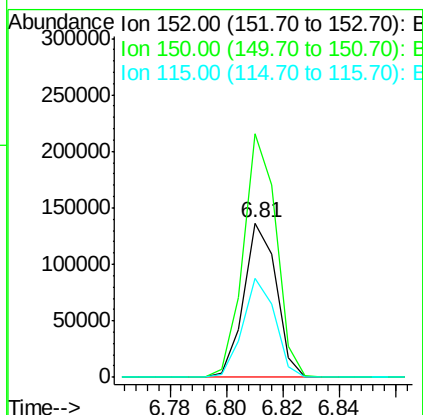
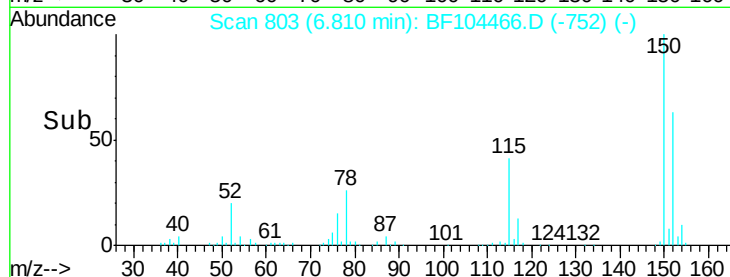
115 64.1 50.1 75.1



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: 118.440 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.03 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

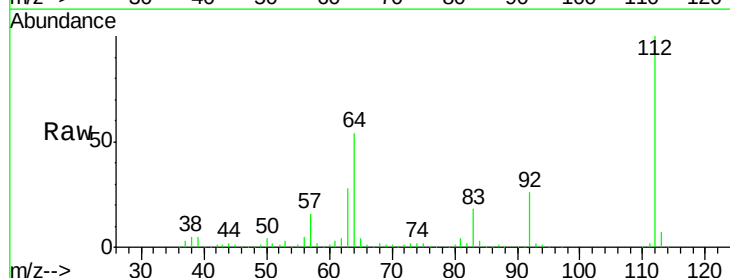
Tgt Ion:112 Resp: 849198

Ion Ratio Lower Upper

112 100

64 54.1 47.9 71.9

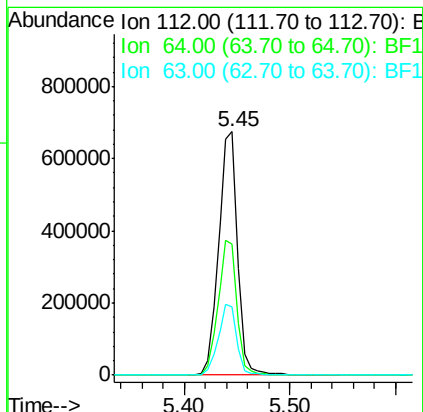
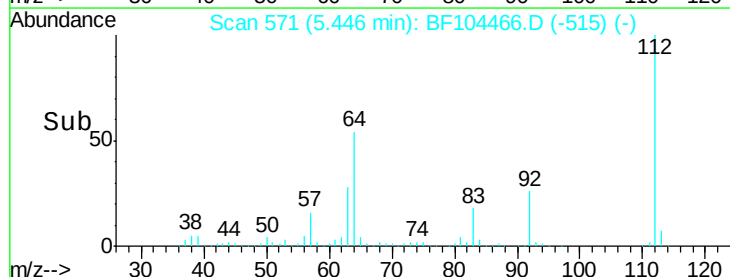
63 28.1 23.7 35.5

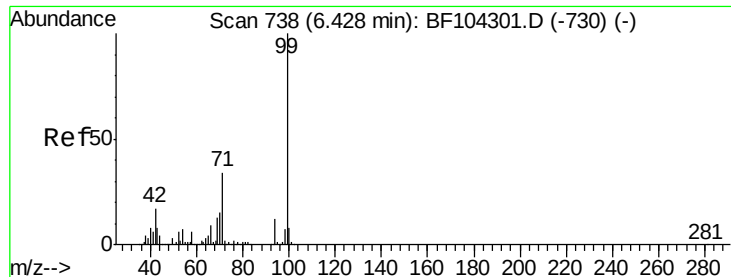


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.520 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

Instrument :

BNA_F

ClientSampleId :

ETGI-280-DEBRIS

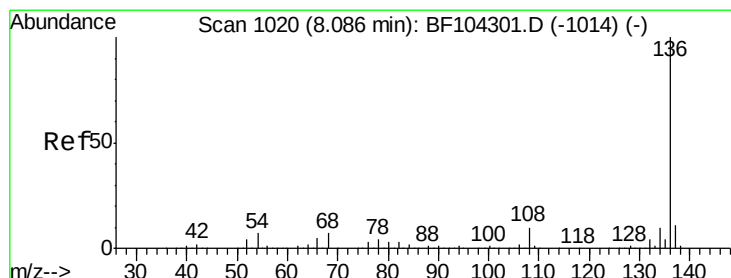
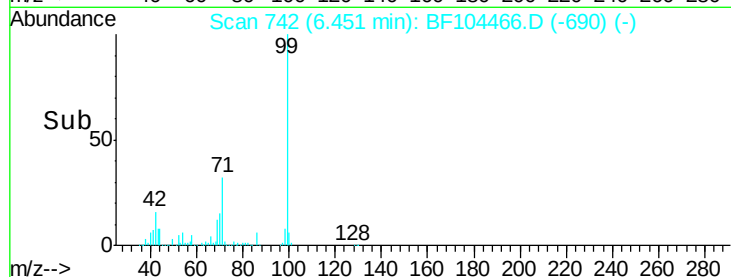
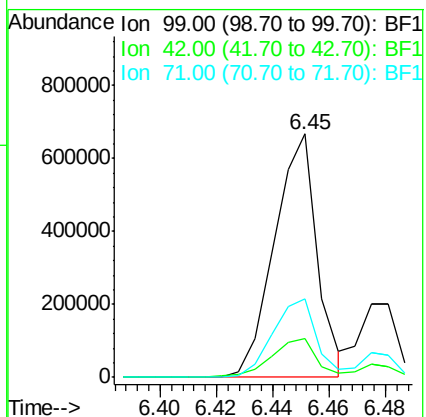
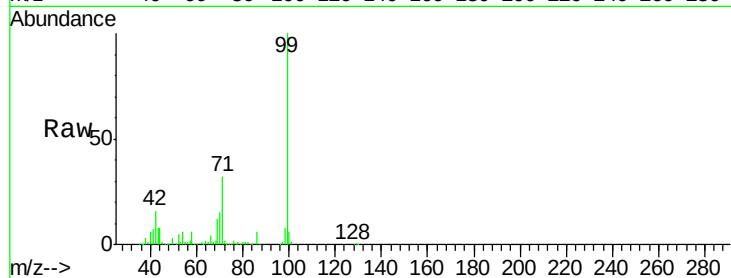
Tot Ion: 99 Resp: 700521

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

Tgt Ion: 136 Resp: 406790

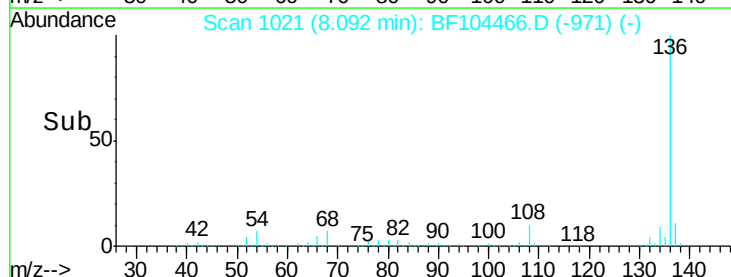
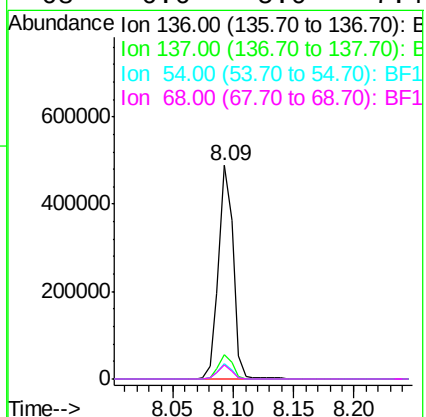
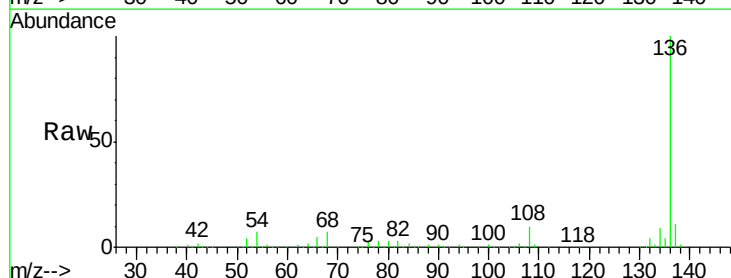
Ion Ratio Lower Upper

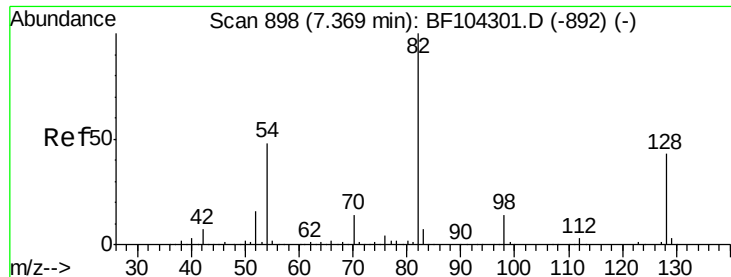
136 100

137 11.2 8.9 13.3

54 7.0 6.6 9.8

68 6.6 5.0 7.4

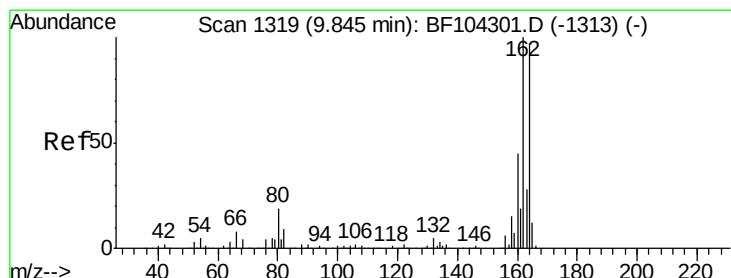
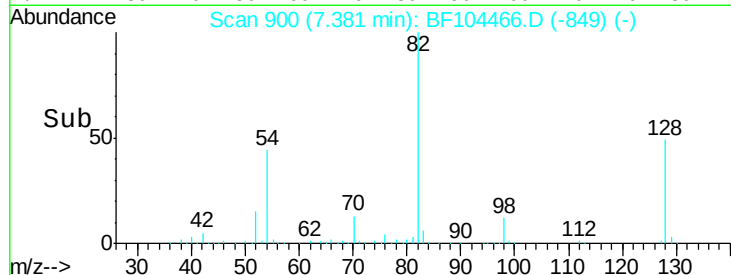
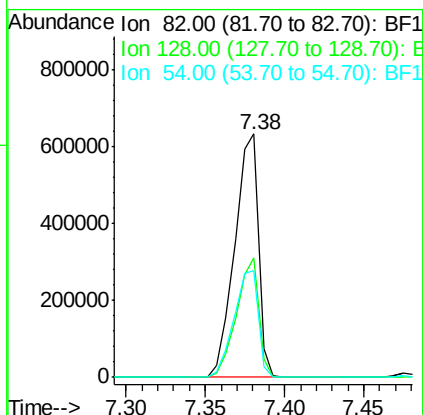
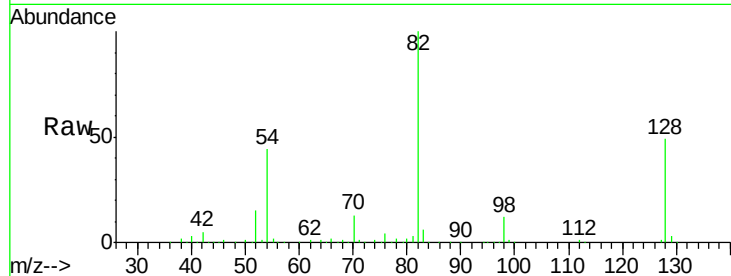




#23
 Nitrobenzene-d5
 Concen: 105.507 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

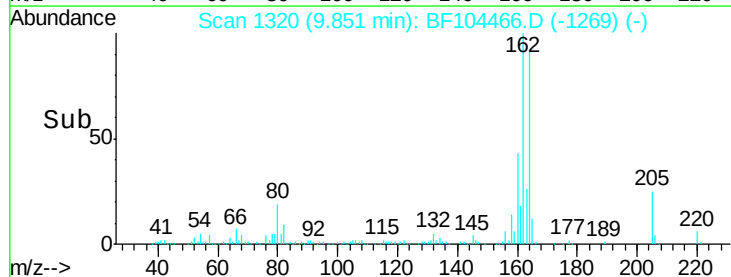
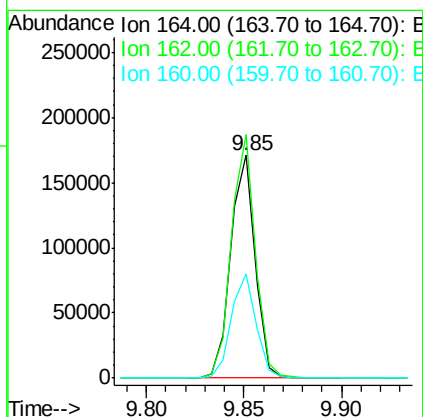
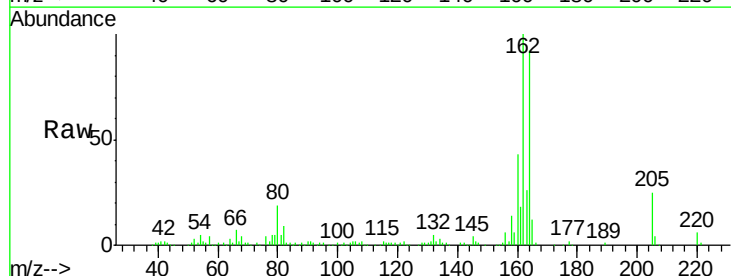
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280-DEBRIS

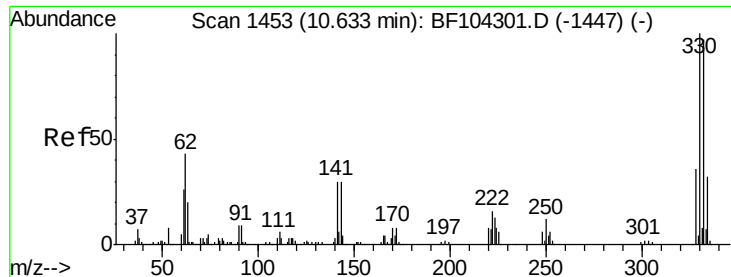
Tot Ion: 82 Resp: 657284
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 43.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Tgt Ion: 164 Resp: 148480
 Ion Ratio Lower Upper
 164 100
 162 109.2 86.1 129.1
 160 46.6 38.3 57.5

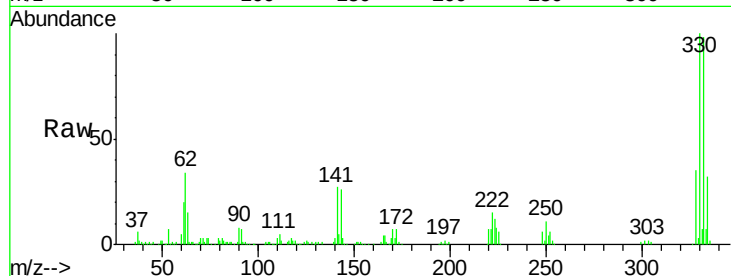




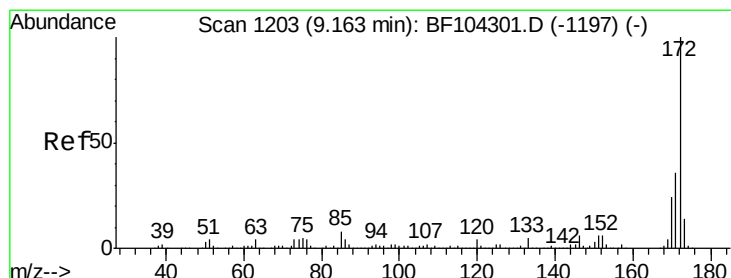
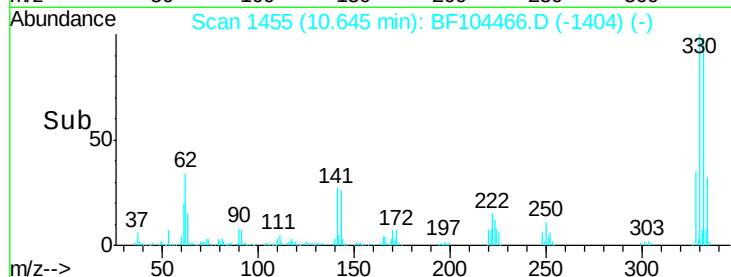
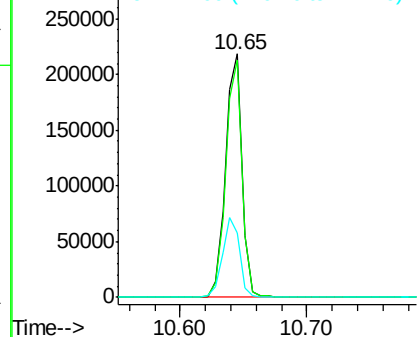
#41
 2,4,6-Tribromophenol
 Concen: 129.669 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280-DEBRIS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.0	29.9	44.9

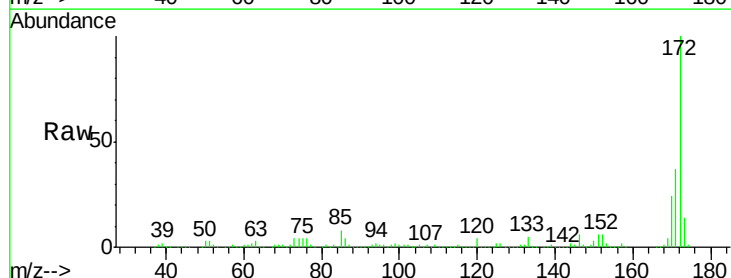


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

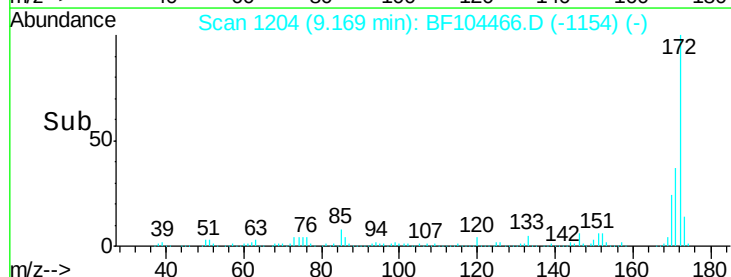
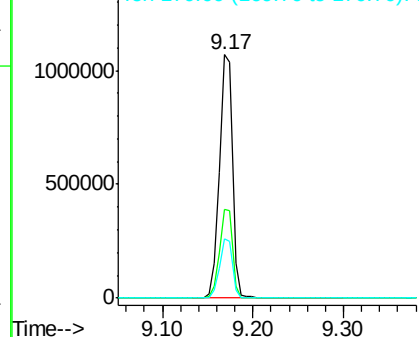


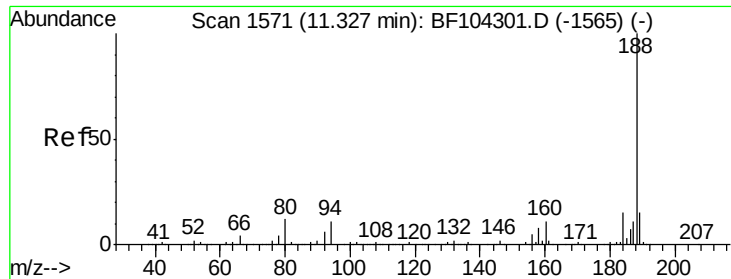
#44
 2-Fluorobiphenyl
 Concen: 113.853 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	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

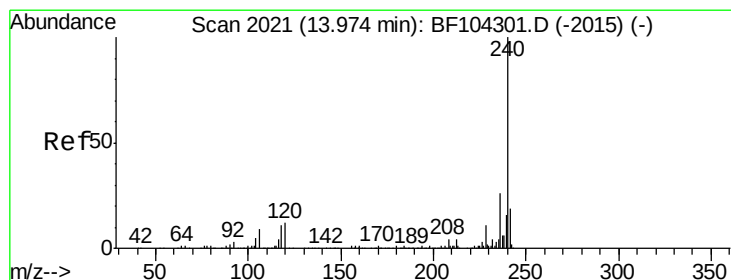
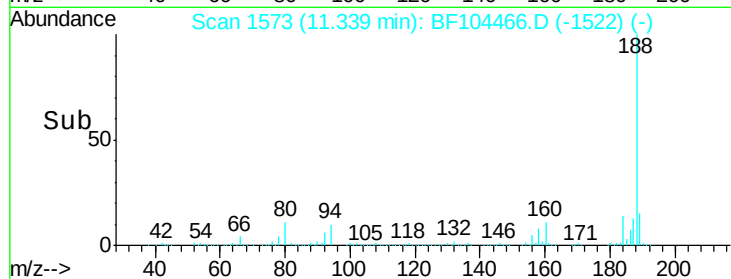
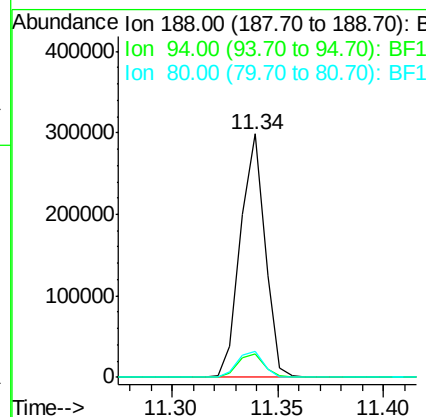
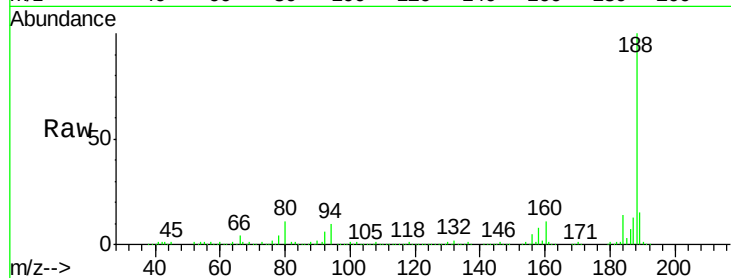




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

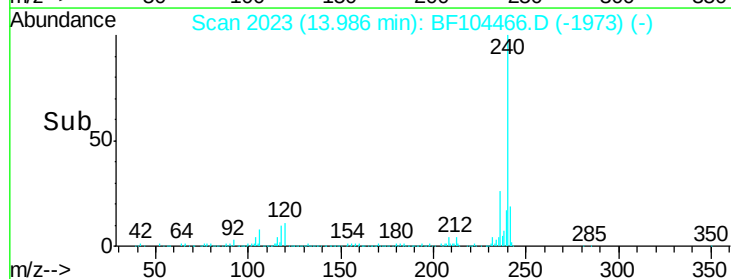
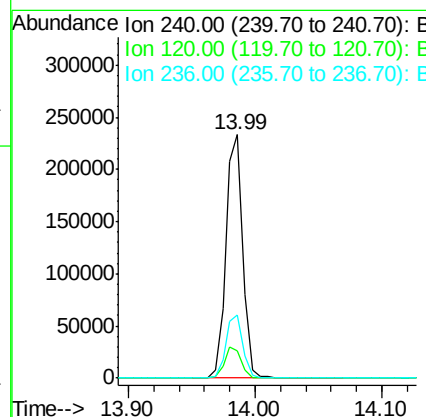
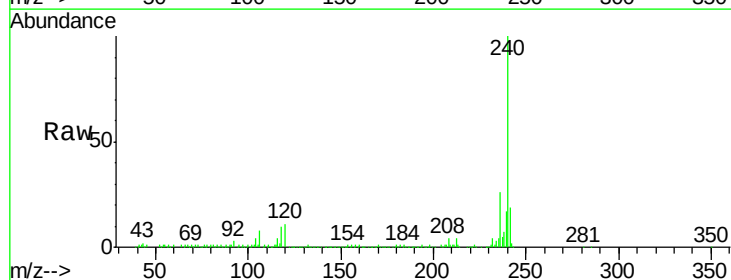
Instrument :
BNA_F
ClientSampleId :
ETGI-280-DEBRIS

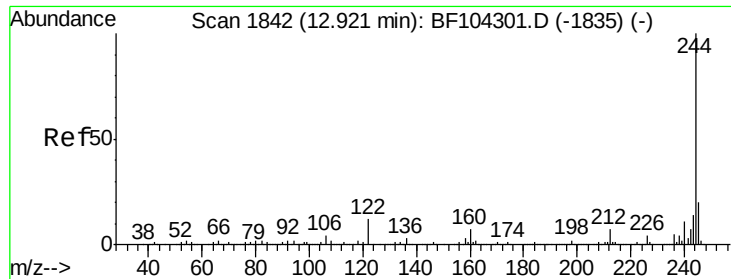
Tot Ion:188 Resp: 240474
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Tgt Ion:240 Resp: 216003
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.9 20.7 31.1

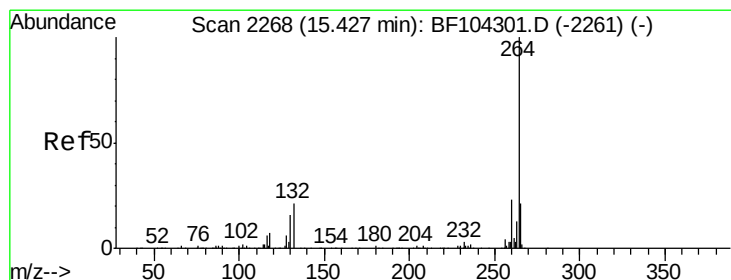
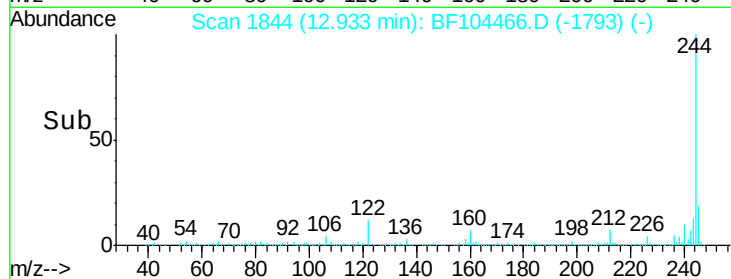
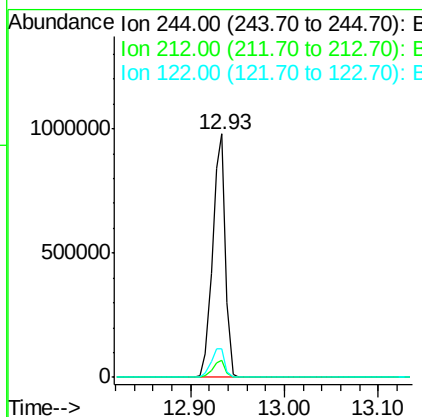
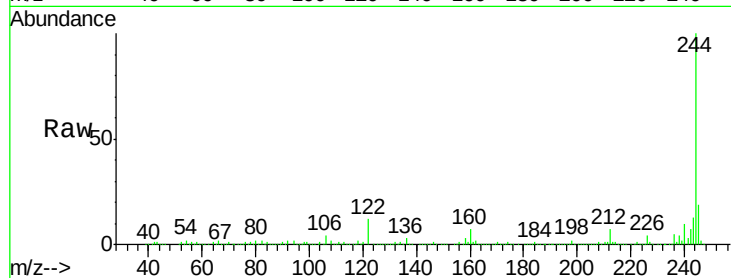




#78
 Terphenyl-d14
 Concen: 99.562 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280-DEBRIS

Tot Ion:244 Resp: 943307
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Tgt Ion:264 Resp: 154828
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.1 17.5 26.3

