

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104465.D
 Acq On : 12 Apr 2018 21:37
 Operator : JU/SJ
 Sample : J2337-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280

Quant Time: Apr 13 01:30:05 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	107066	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	398732	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	149532	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	238419	20.00	ng	0.00
75) Chrysene-d12	13.99	240	205014	20.00	ng	0.00
86) Perylene-d12	15.46	264	143905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	874412	124.88	ng	0.02
7) Phenol-d6	6.45	99	981414	114.07	ng	0.00
23) Nitrobenzene-d5	7.38	82	690818	113.13	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	206174	132.92	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1136203	120.04	ng	0.00
78) Terphenyl-d14	12.93	244	973667	108.28	ng	0.00

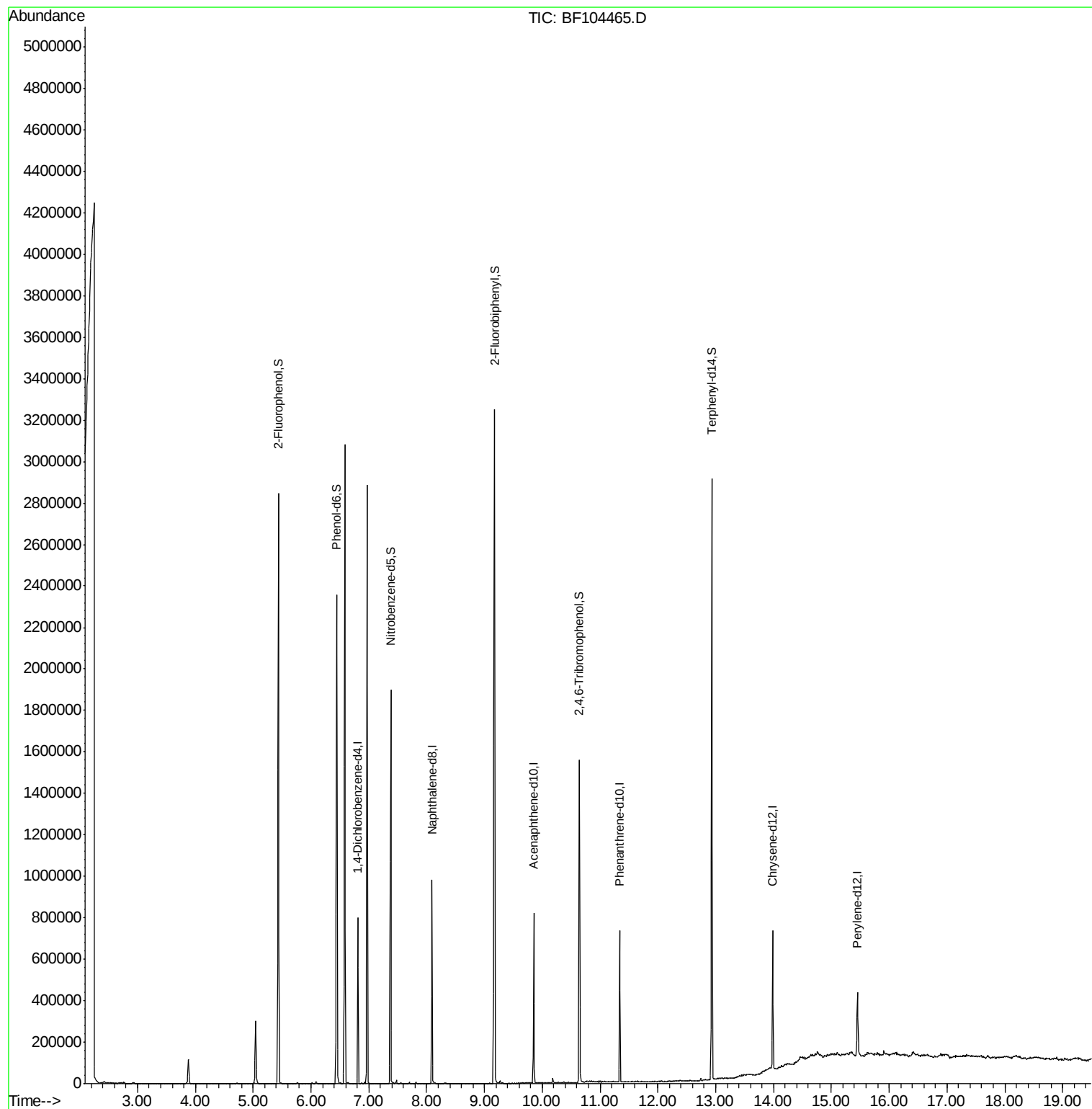
Target Compounds Qvalue

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

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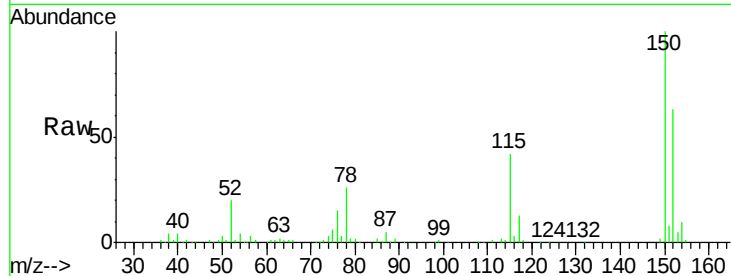


#1

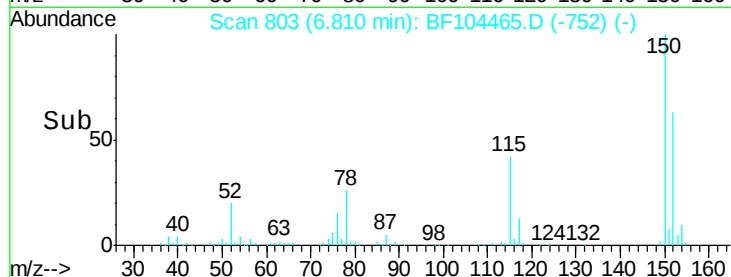
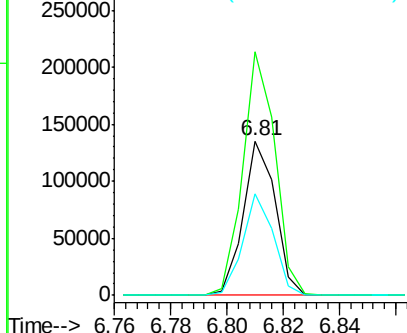
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :
ETGI-280

Tot Ion:152 Resp: 107066
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 65.4 50.1 75.1



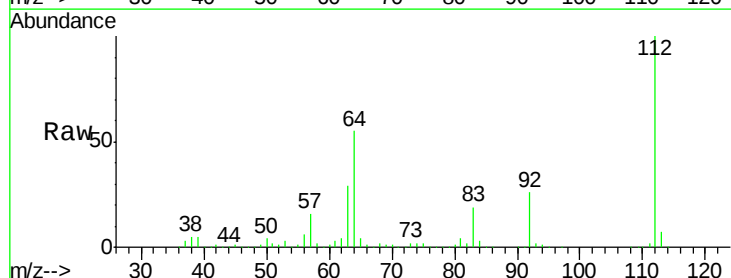
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



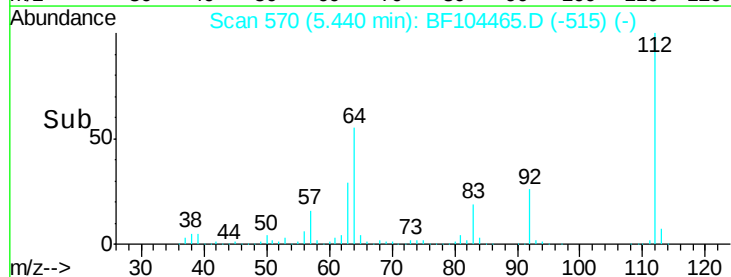
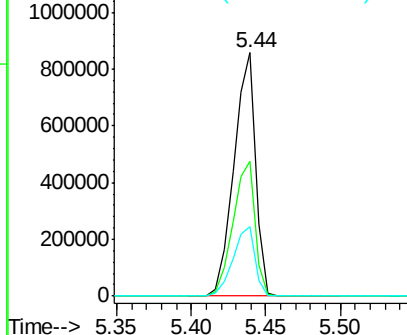
#5

2-Fluorophenol
Concen: 124.879 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:112 Resp: 874412
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.6 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: 114.074 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

ETGI-280

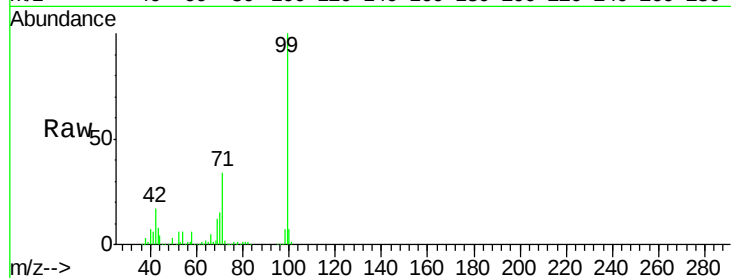
Tot Ion: 99 Resp: 981414

Ion Ratio Lower Upper

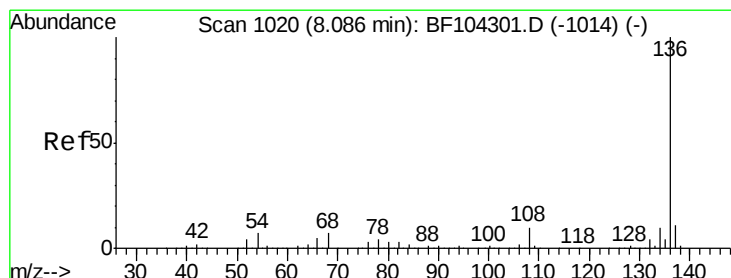
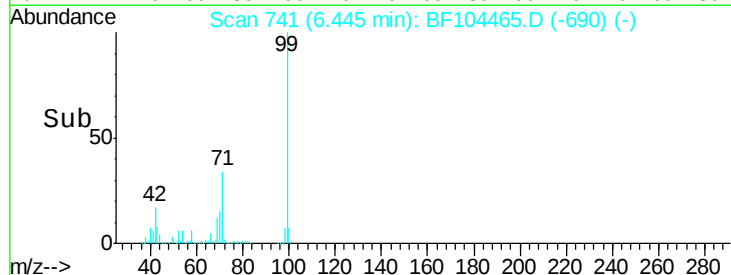
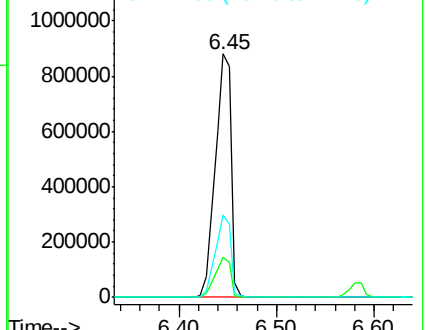
99 100

42 16.6 14.5 21.7

71 34.0 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Tgt Ion: 136 Resp: 398732

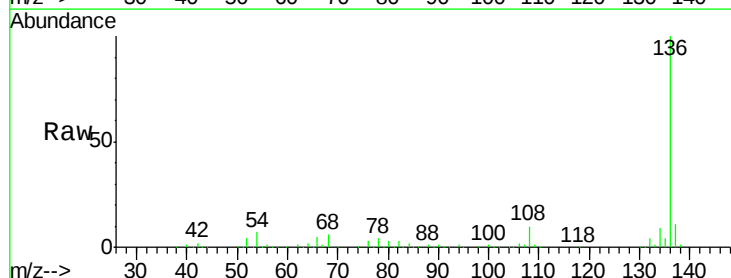
Ion Ratio Lower Upper

136 100

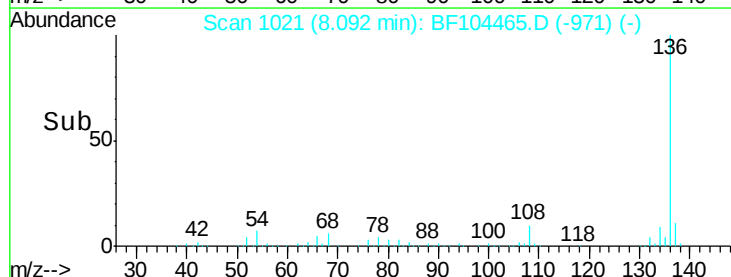
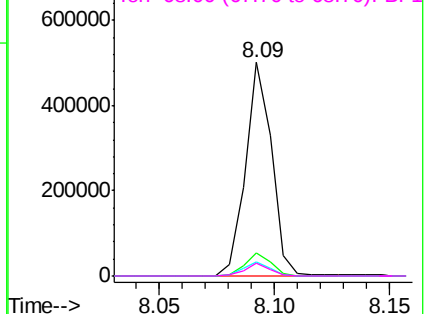
137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 6.1 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

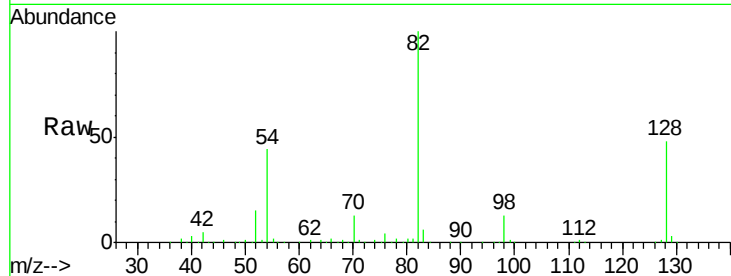




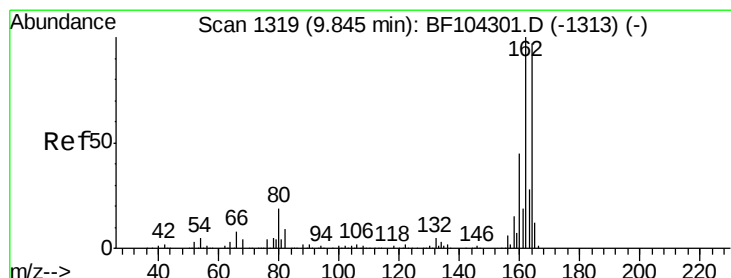
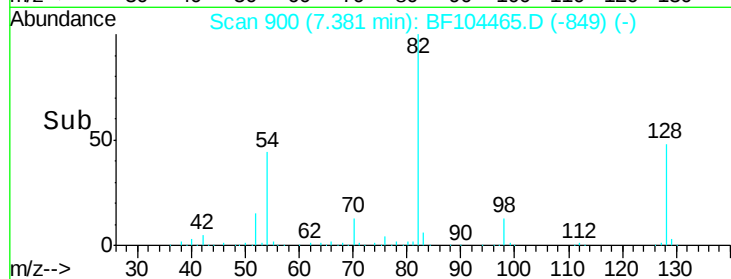
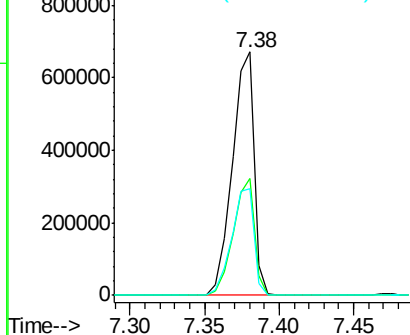
#23
 Nitrobenzene-d5
 Concen: 113.131 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280

Tot Ion: 82 Resp: 690818
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 43.8 41.4 62.2

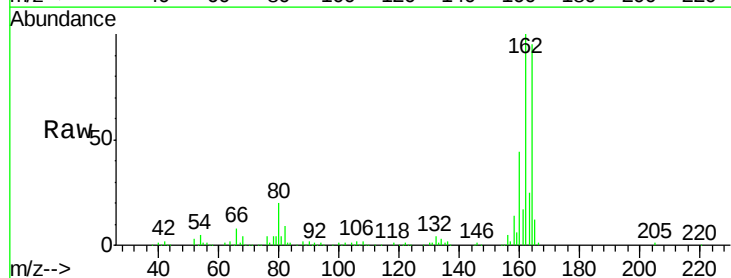


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

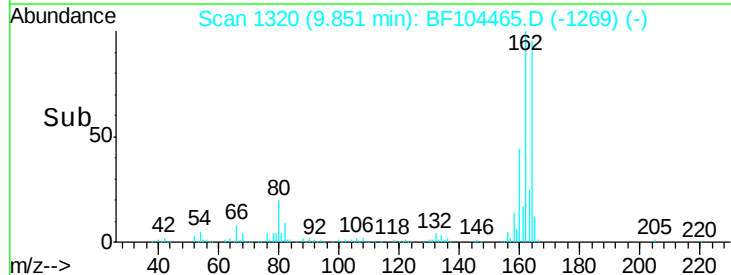
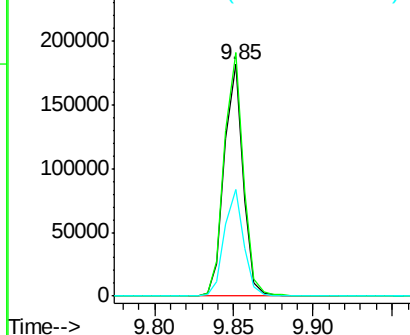


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

Tgt Ion: 164 Resp: 149532
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 132.918 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

ETGI-280

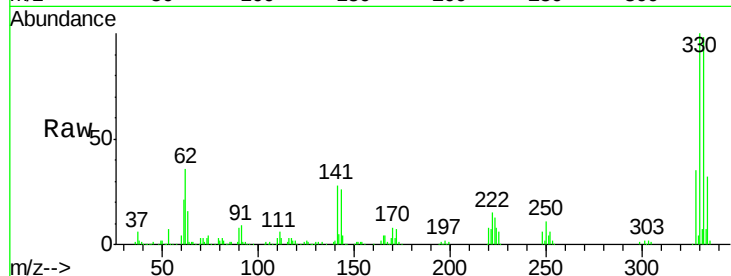
Tot Ion:330 Resp: 206174

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

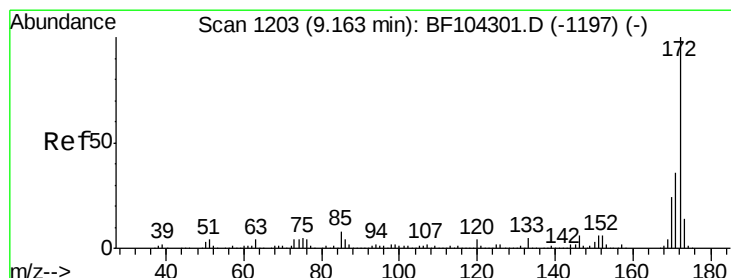
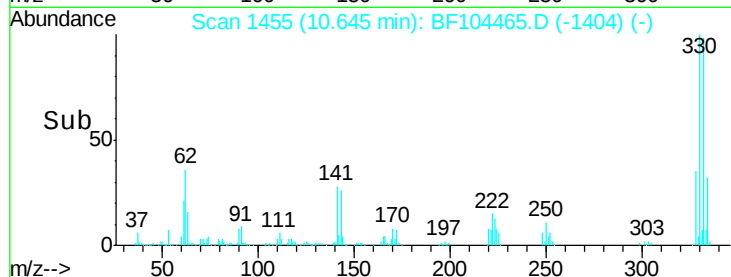
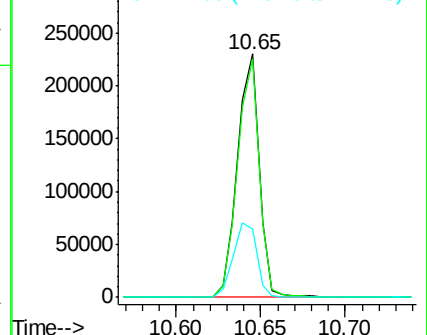
141 33.4 29.9 44.9



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: 120.036 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

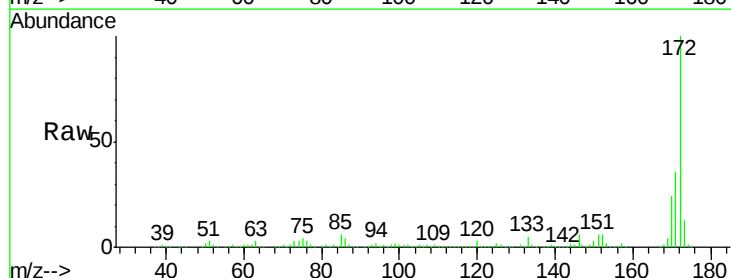
Tgt Ion:172 Resp: 1136203

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

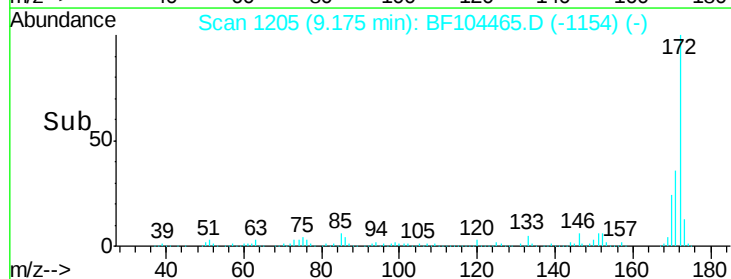
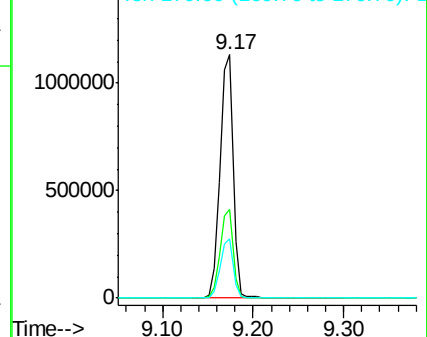
170 24.3 19.6 29.4



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

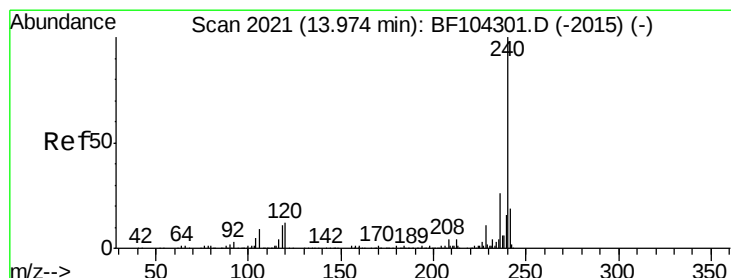
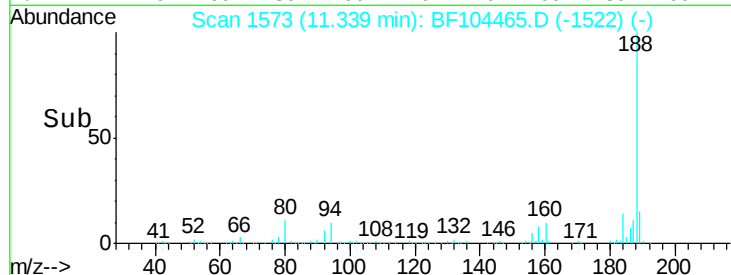
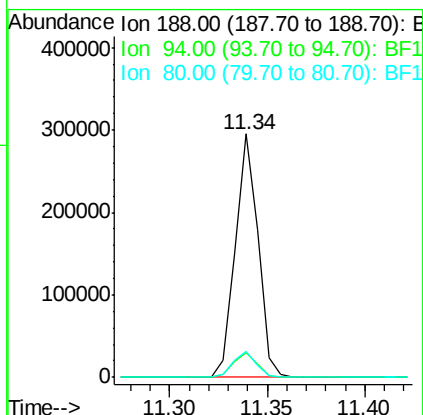
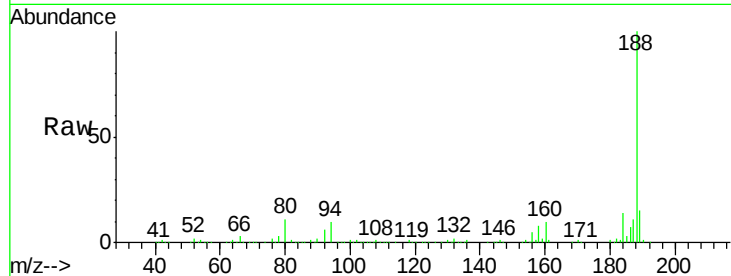




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

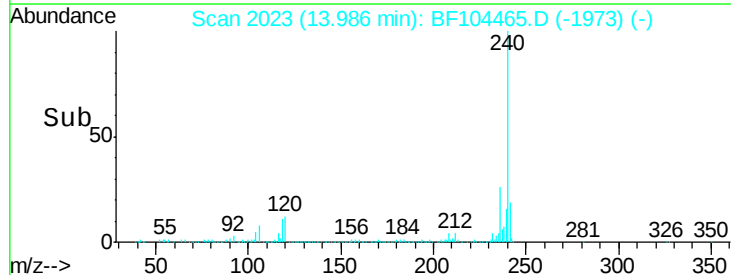
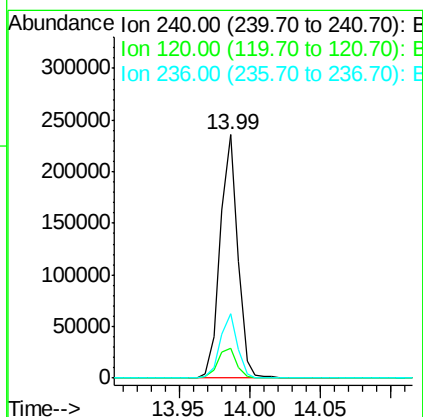
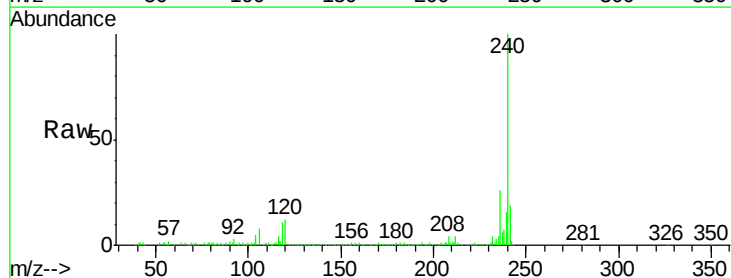
Instrument :
BNA_F
ClientSampleId :
ETGI-280

Tot Ion:188 Resp: 238419
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.7 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: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:240 Resp: 205014
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 108.275 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

ETGI-280

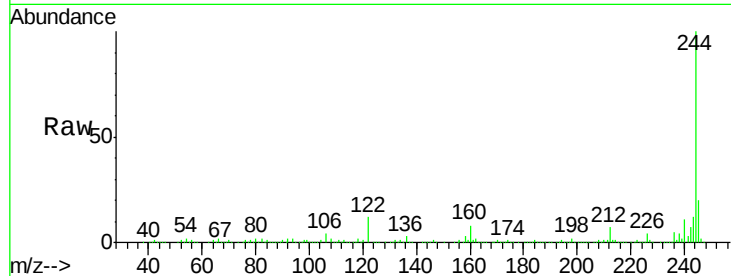
Tot Ion:244 Resp: 973667

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

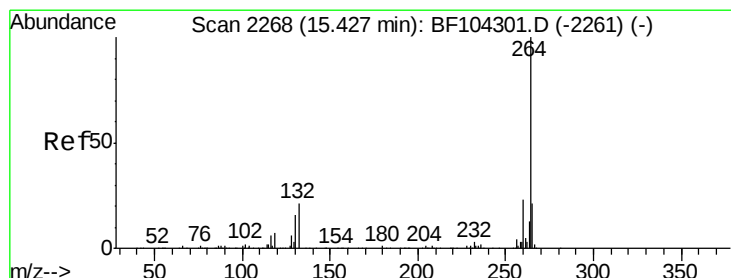
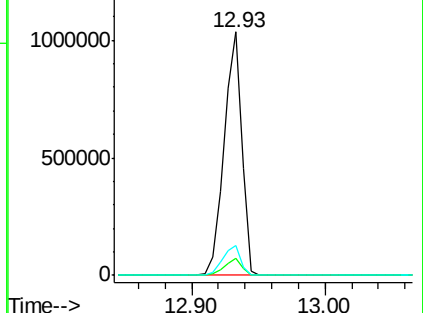
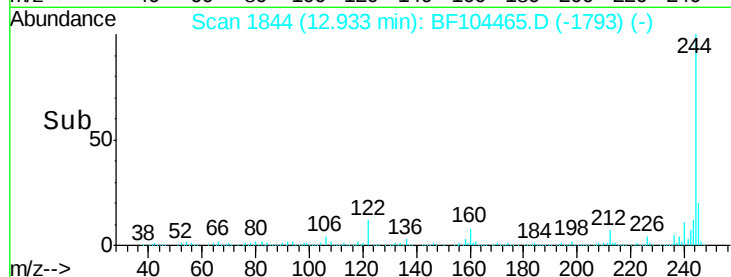
122 12.2 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

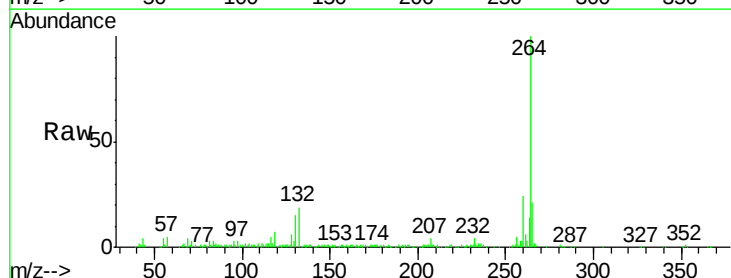
Tgt Ion:264 Resp: 143905

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.5 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

