

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101500.D
 Acq On : 19 Dec 2017 1:36
 Operator : SJ/JU
 Sample : I6882-03RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121117-JETT-E-U-BRE

Quant Time: Dec 19 06:53:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136405	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	502549	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	186669	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	287098	20.00	ng	0.00
75) Chrysene-d12	13.99	240	287659	20.00	ng	0.00
86) Perylene-d12	15.46	264	100831	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	283122	30.92	ng	0.00
7) Phenol-d6	6.45	99	174583	15.32	ng	0.00
23) Nitrobenzene-d5	7.38	82	800977	88.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	123795	68.82	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1299761	108.01	ng	0.00
78) Terphenyl-d14	12.92	244	913002	76.52	ng	0.00

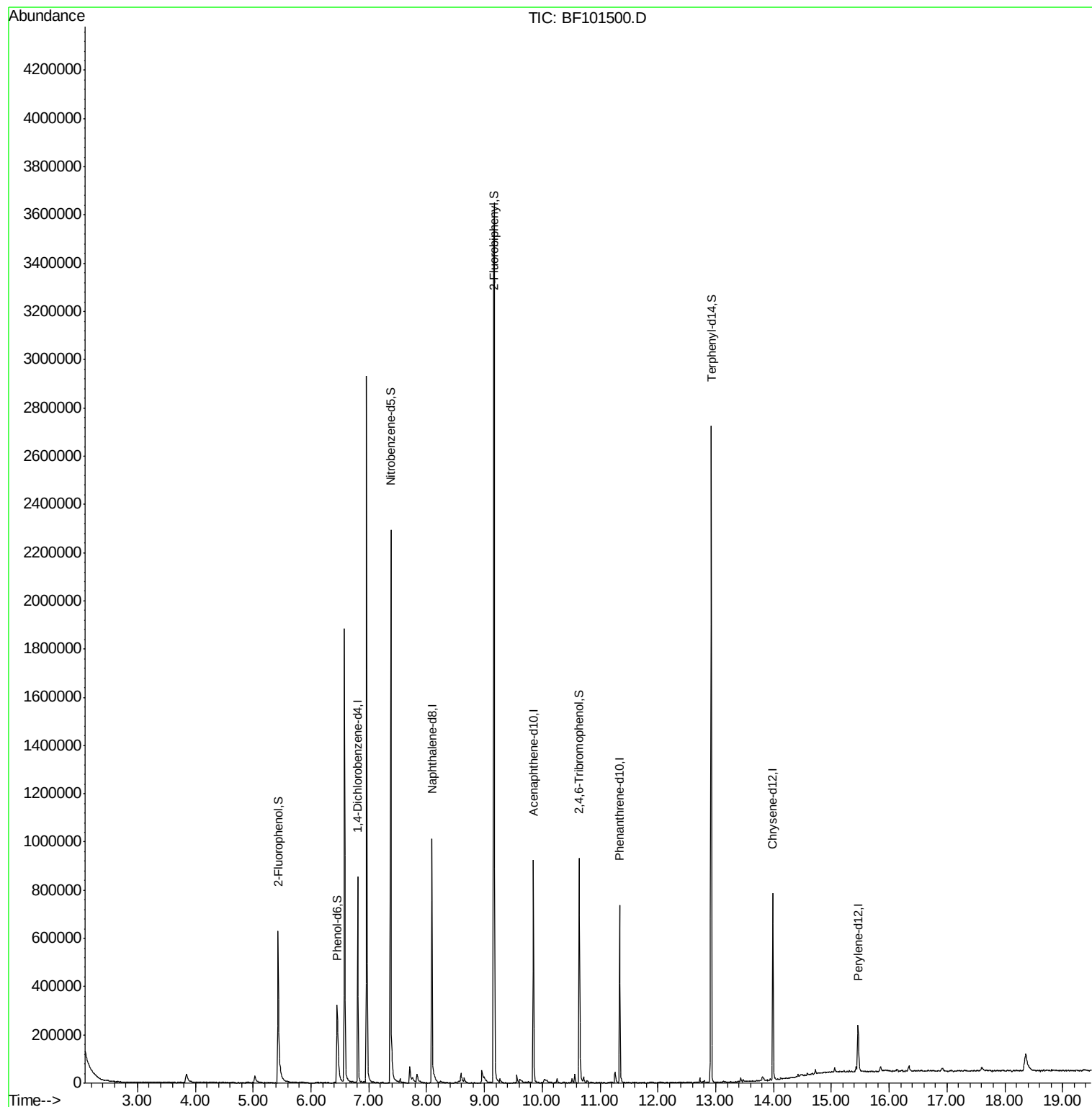
Target Compounds	Qvalue
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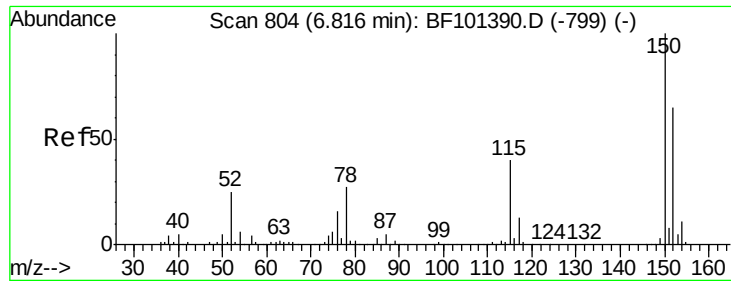
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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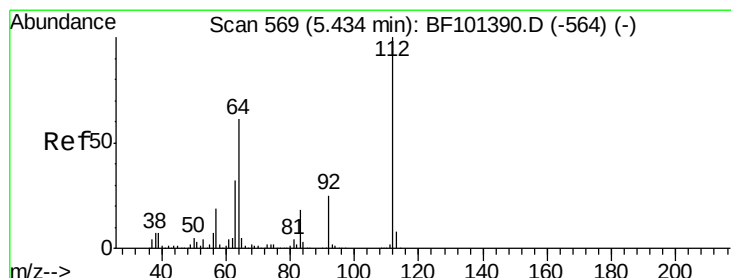
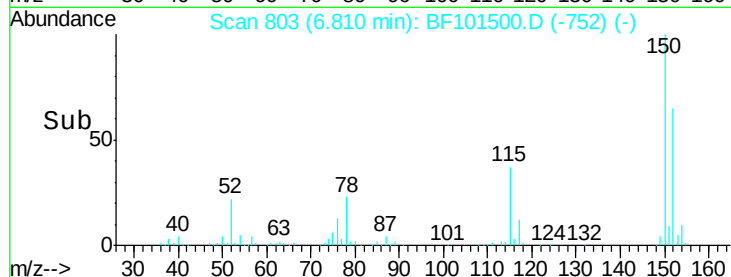
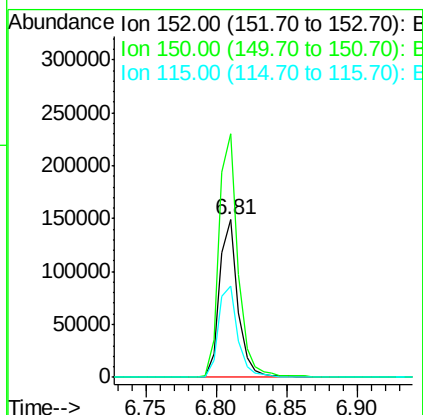
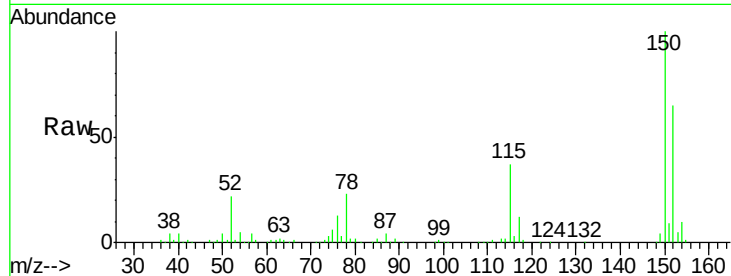


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

Instrument :
BNA_F
ClientSampleId :
121117-JETT-E-U-BRE

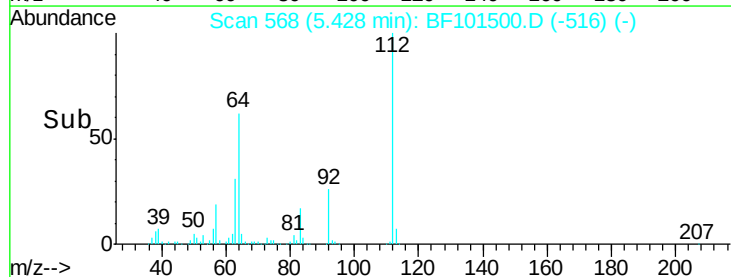
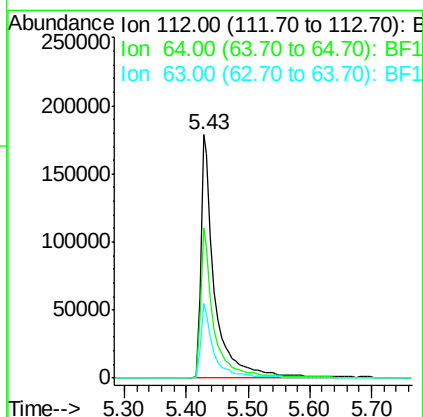
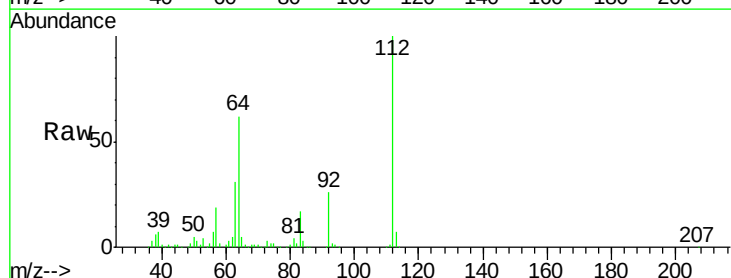
Tgt Ion:152 Resp: 136405
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 57.9 50.1 75.1

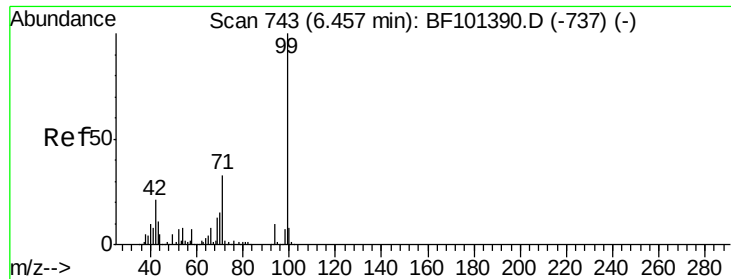


#5

2-Fluorophenol
Concen: 30.918 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

Tgt Ion:112 Resp: 283122
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 15.319 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

Instrument :

BNA_F

ClientSampleId :

121117-JETT-E-U-BRE

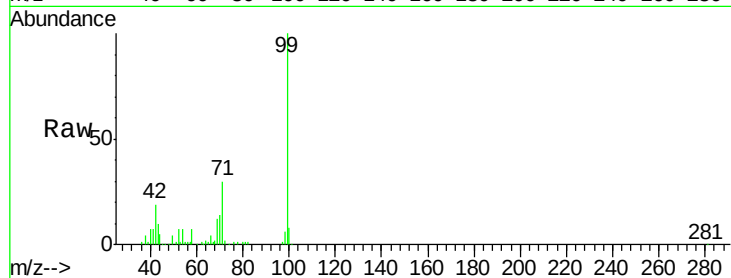
Tgt Ion: 99 Resp: 174583

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

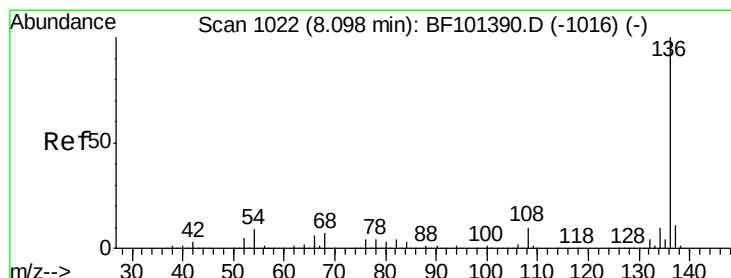
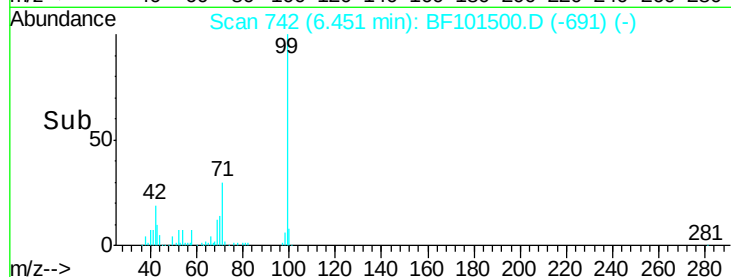
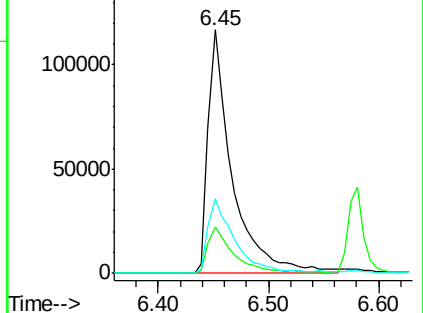
71 30.5 25.4 38.0



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. 0.00 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

Tgt Ion: 136 Resp: 502549

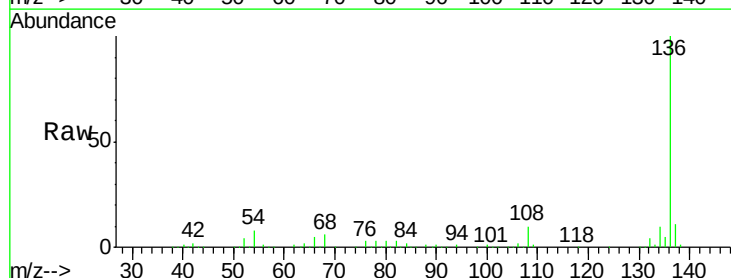
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

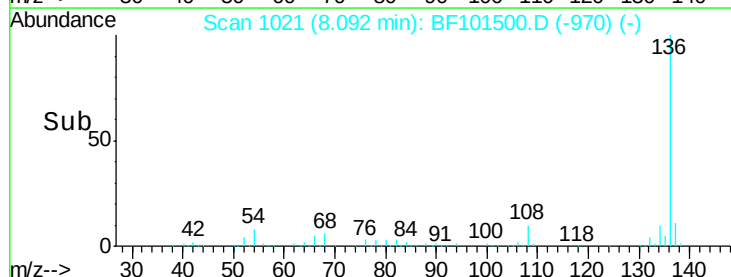
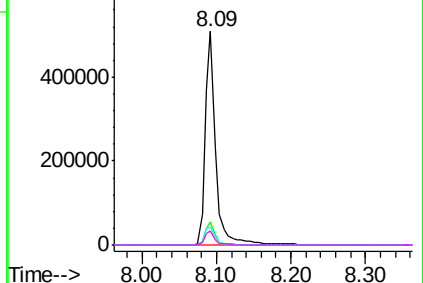


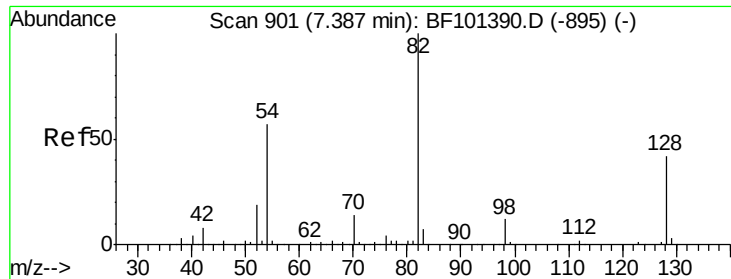
Abundance Ion 136.00 (135.70 to 136.70): E

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

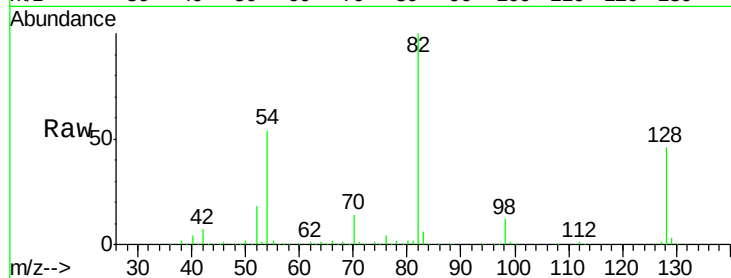




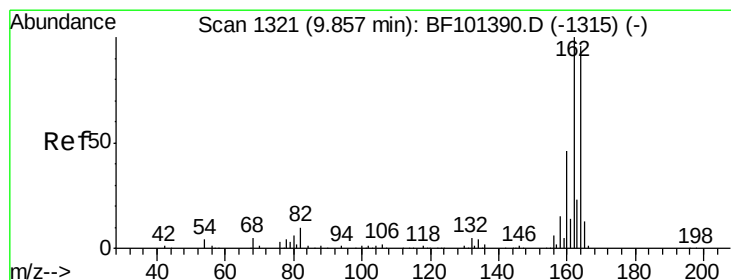
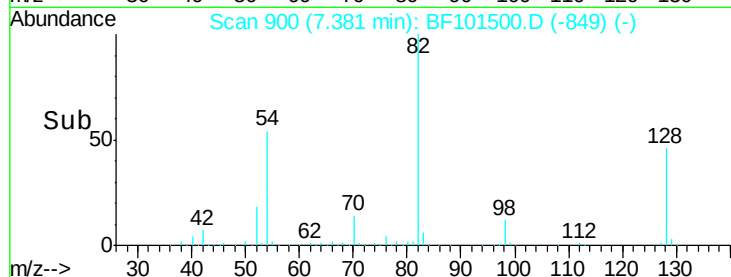
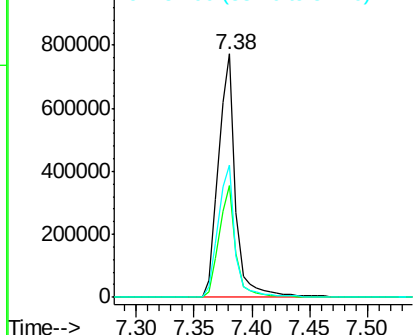
#23
 Nitrobenzene-d5
 Concen: 88.722 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Instrument :
 BNA_F
 ClientSampleId :
 121117-JETT-E-U-BRE

Tgt Ion: 82 Resp: 800977
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 54.1 41.4 62.2

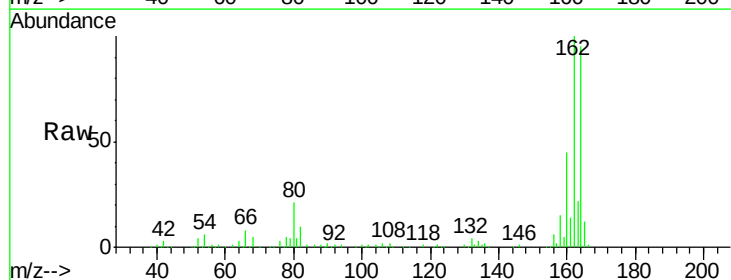


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

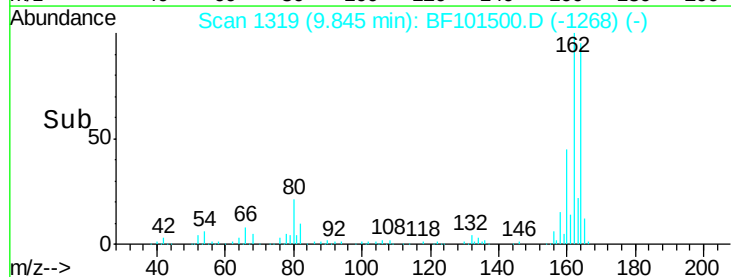
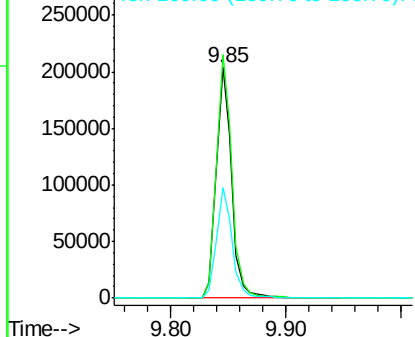


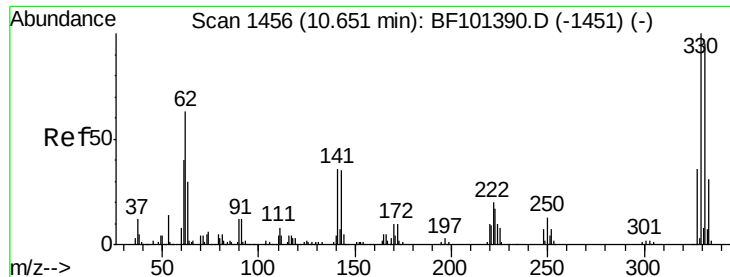
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Tgt Ion: 164 Resp: 186669
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 47.8 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

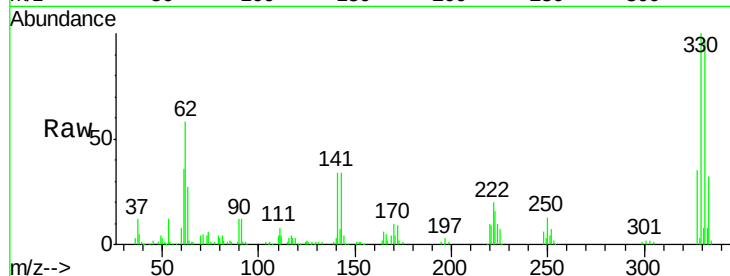




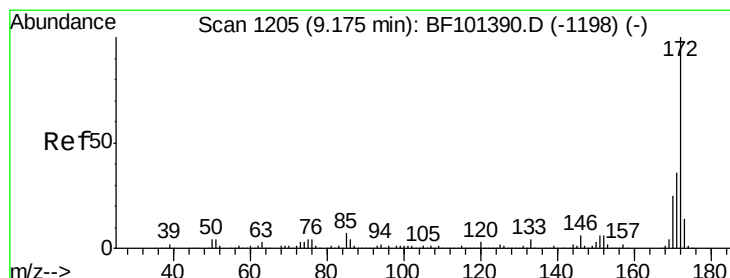
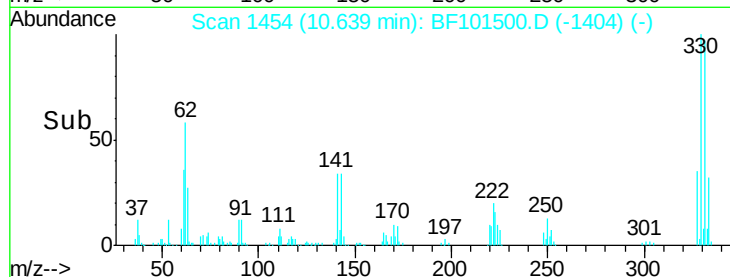
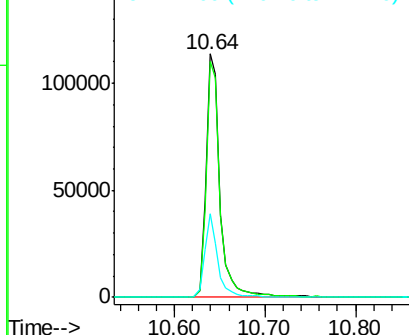
#41
 2,4,6-Tribromophenol
 Concen: 68.825 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Instrument :
 BNA_F
 ClientSampleId :
 121117-JETT-E-U-BRE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.5	29.9	44.9

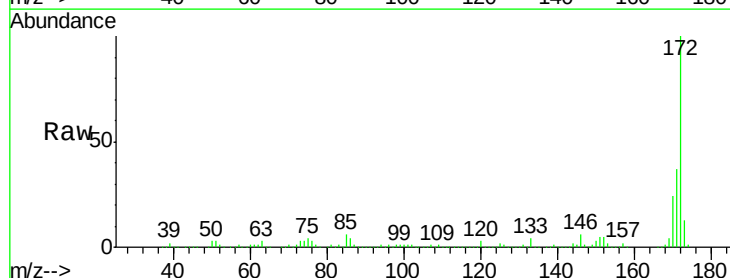


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

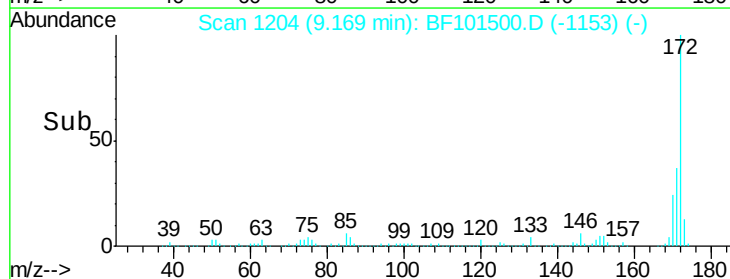
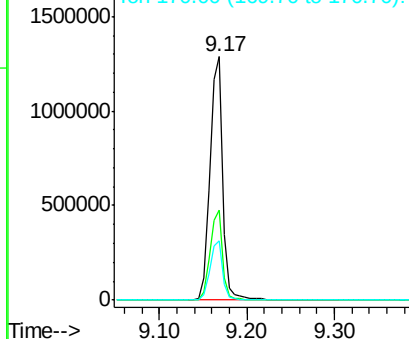


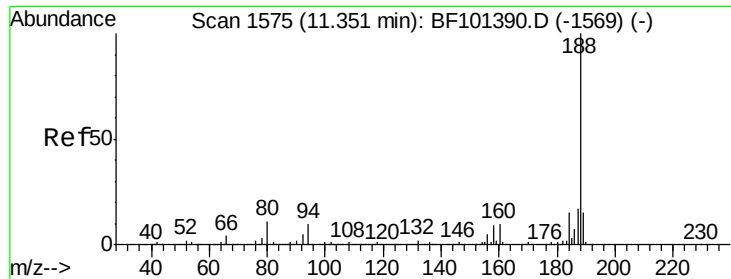
#44
 2-Fluorobiphenyl
 Concen: 108.012 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	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

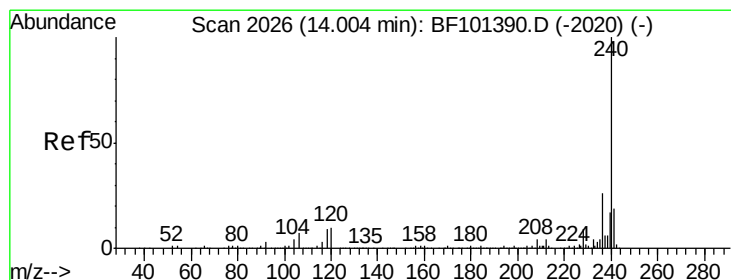
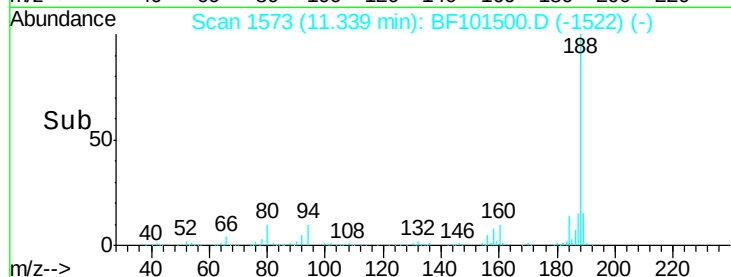
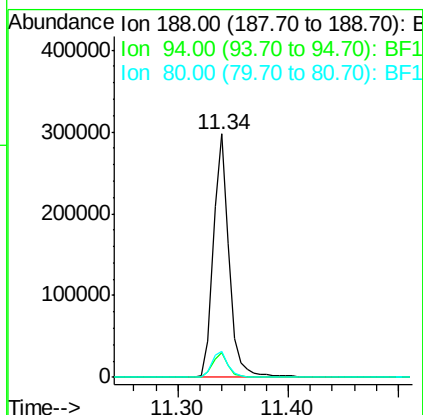
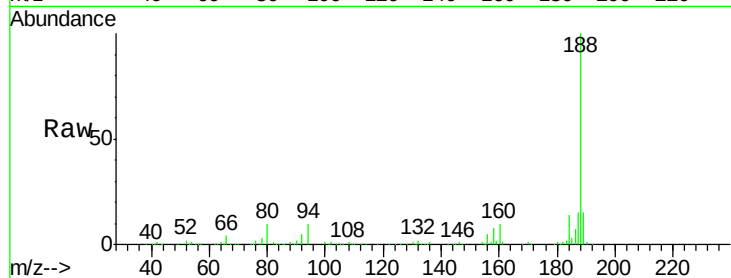




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

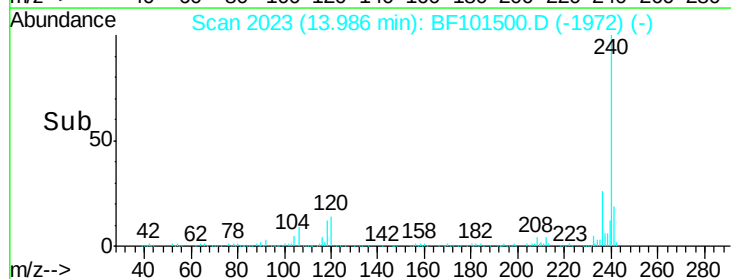
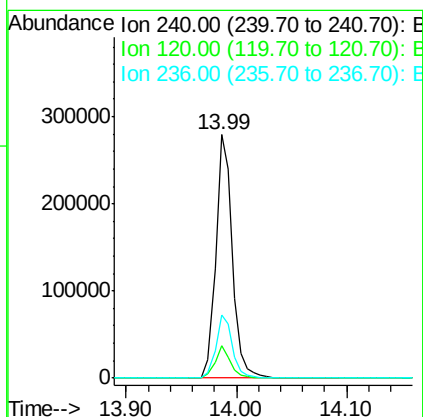
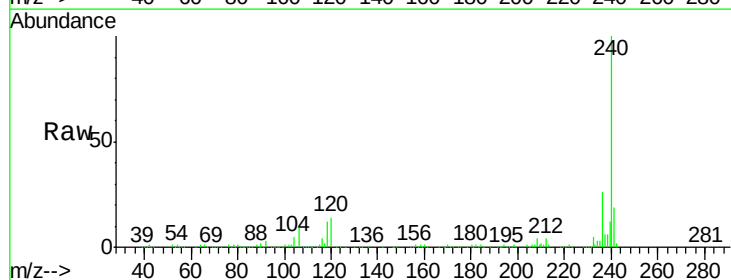
Instrument :
BNA_F
ClientSampleId :
121117-JETT-E-U-BRE

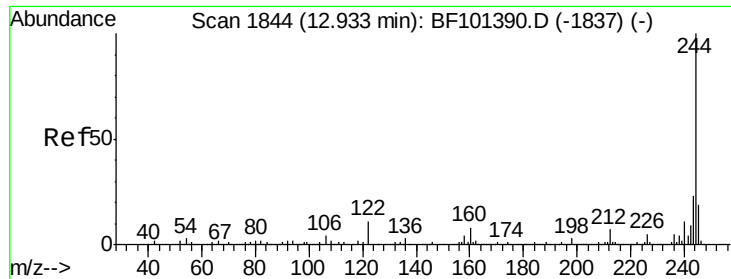
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.1	20.7	31.1





#78

Terphenyl-d14

Concen: 76.516 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

Instrument :

BNA_F

ClientSampleId :

121117-JETT-E-U-BRE

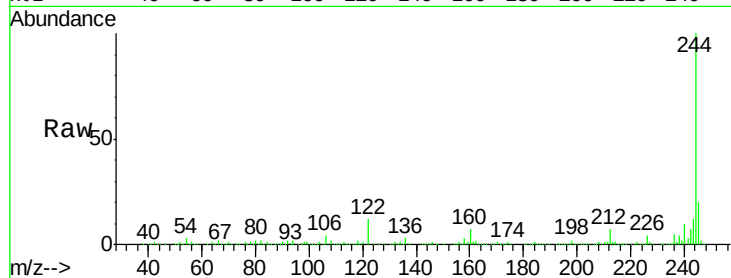
Tgt Ion:244 Resp: 913002

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

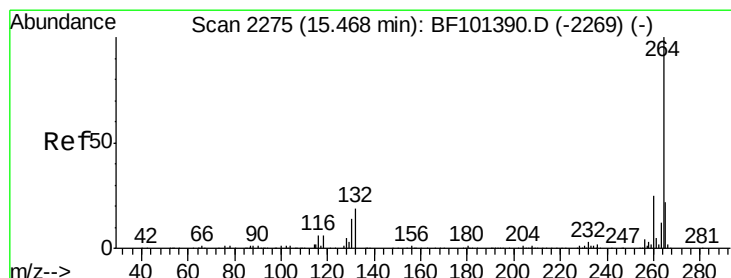
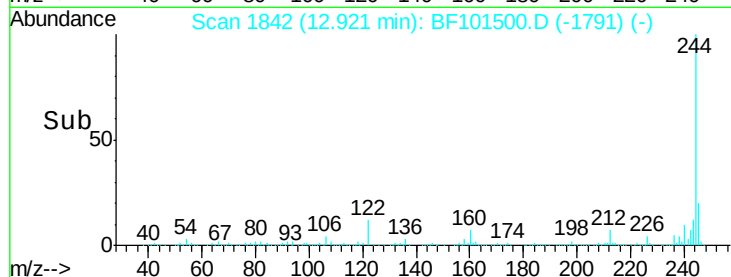
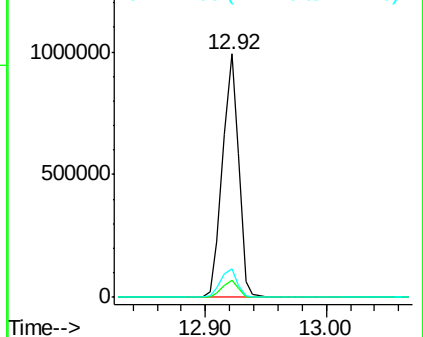
122 11.9 11.0 16.4



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# 2274

Delta R.T. 0.01 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

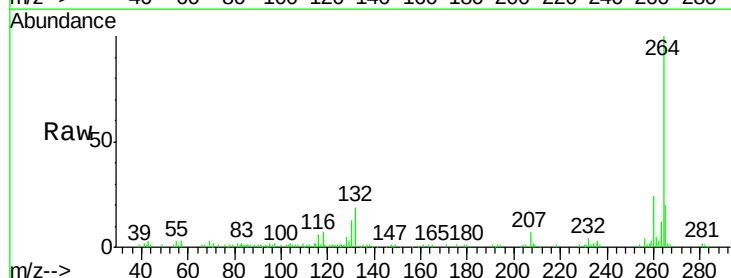
Tgt Ion:264 Resp: 100831

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.4 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

