

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101595.D
 Acq On : 21 Dec 2017 9:18
 Operator : SJ/JU
 Sample : I6971-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-M

Quant Time: Dec 21 12:02:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147699	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	564428	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	222131	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	349992	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296484	20.00	ng	0.00
86) Perylene-d12	15.43	264	319089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	448240	45.21	ng	0.00
7) Phenol-d6	6.43	99	341673	27.69	ng	0.00
23) Nitrobenzene-d5	7.36	82	877408	86.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	159481	74.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1285226	89.75	ng	0.00
78) Terphenyl-d14	12.90	244	911931	74.15	ng	0.00

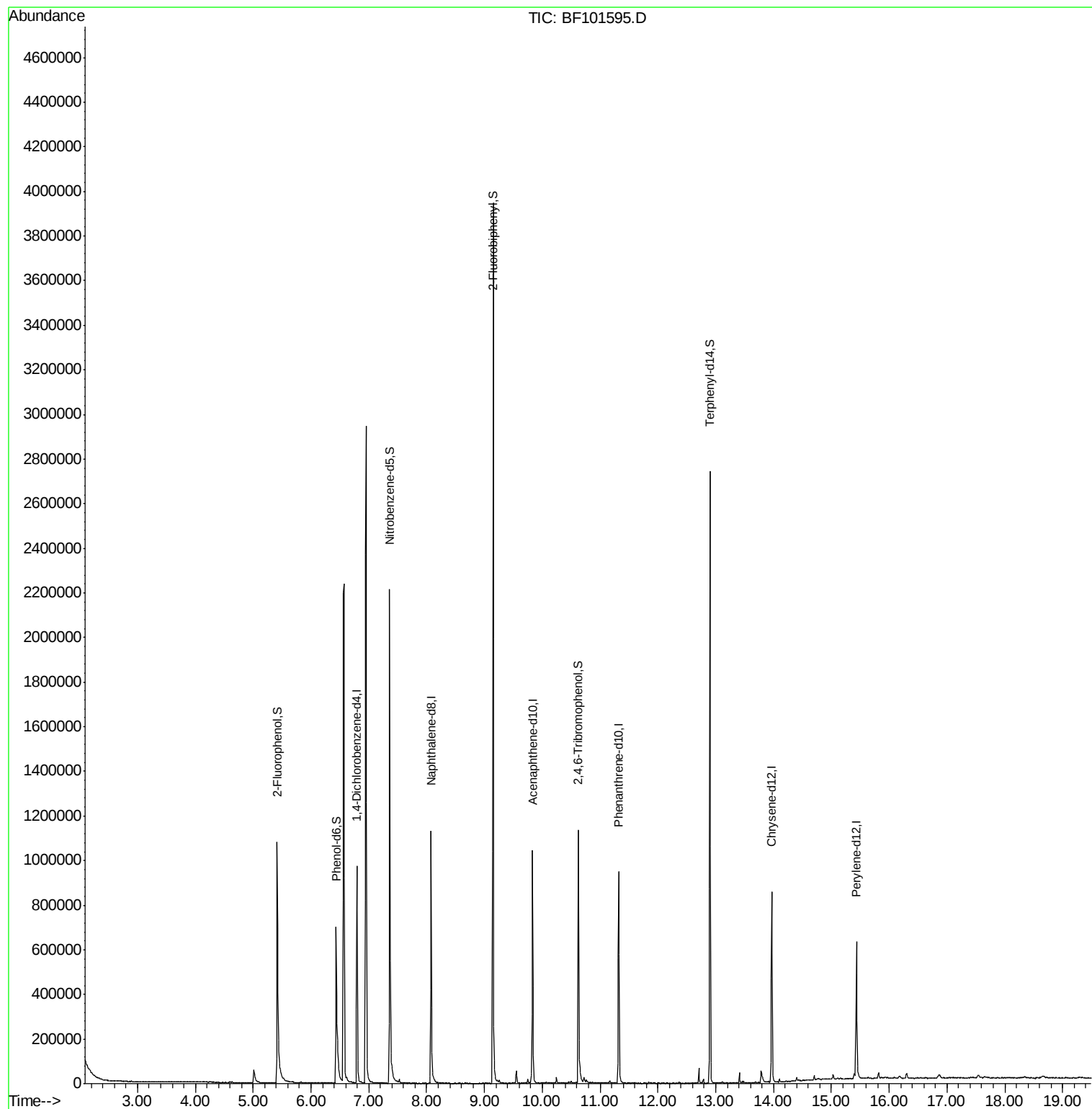
Target Compounds	Qvalue
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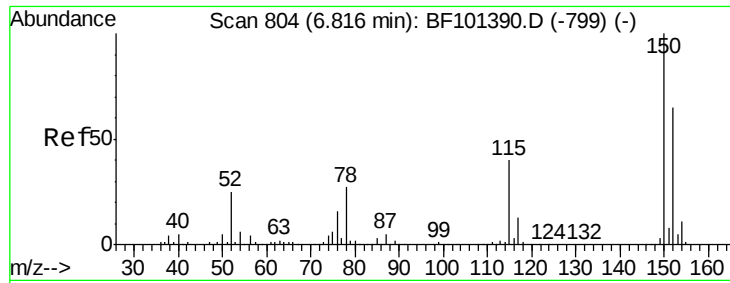
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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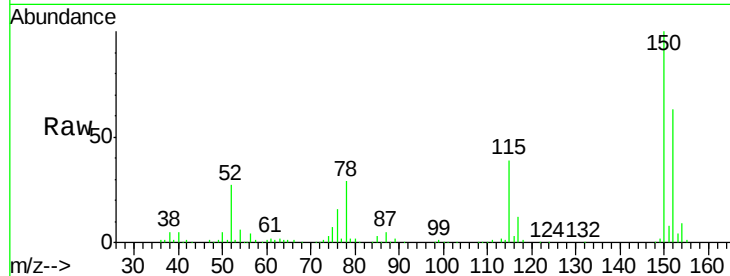


#1

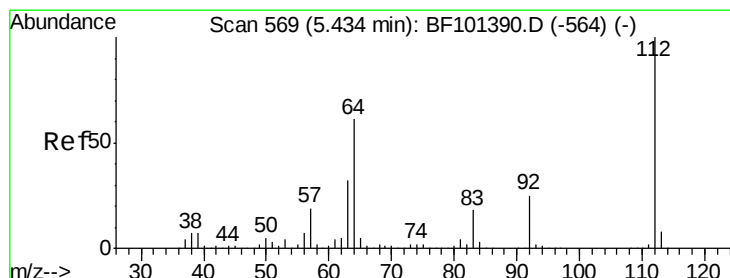
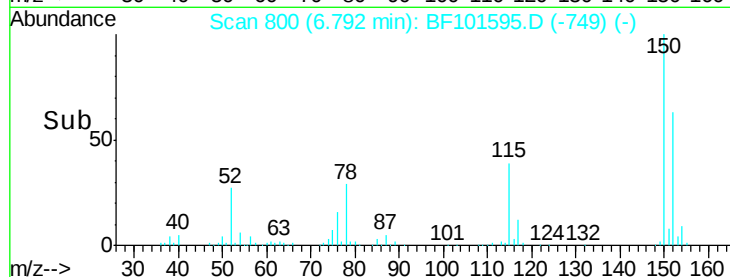
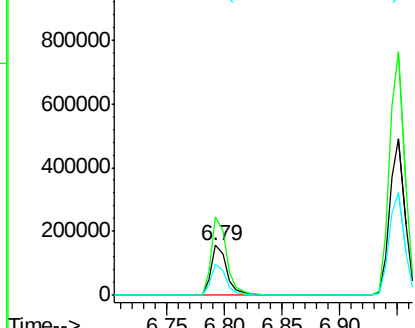
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-M

Tgt Ion:152 Resp: 147699
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.3 50.1 75.1



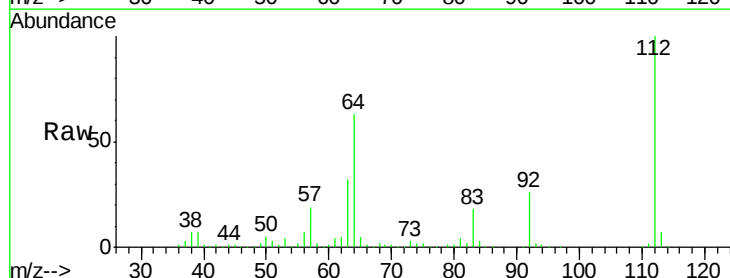
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



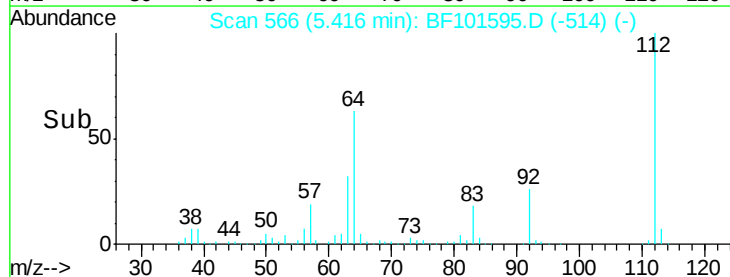
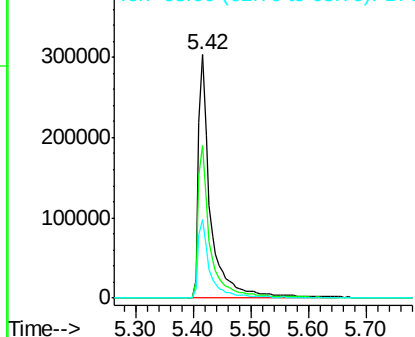
#5

2-Fluorophenol
Concen: 45.206 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Tgt Ion:112 Resp: 448240
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 32.0 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: 27.688 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-M

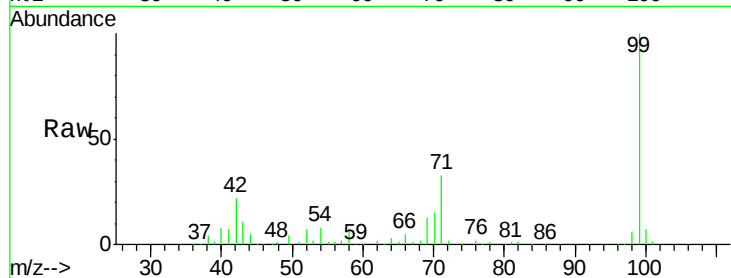
Tgt Ion: 99 Resp: 341673

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

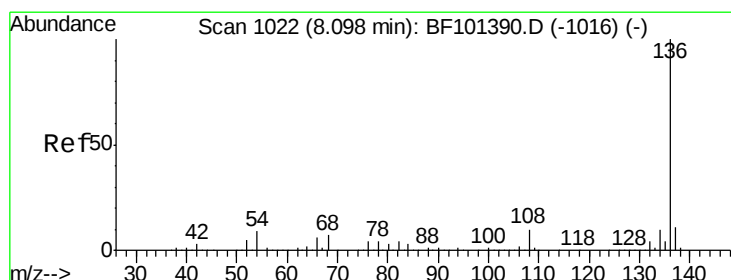
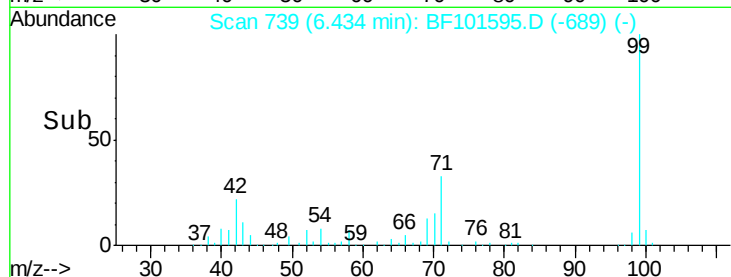
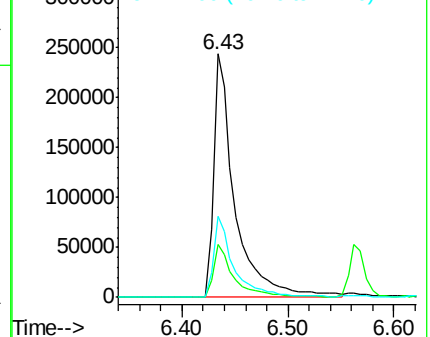
71 33.3 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

Tgt Ion: 136 Resp: 564428

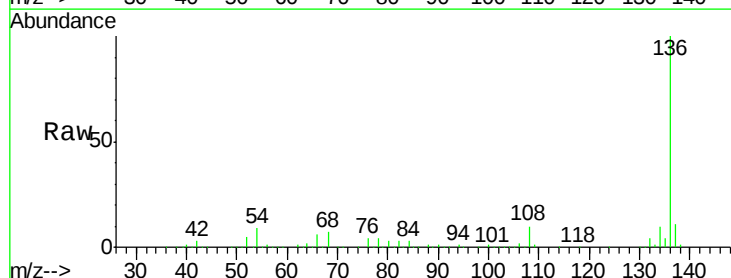
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.5 6.6 9.8

68 6.7 5.0 7.4

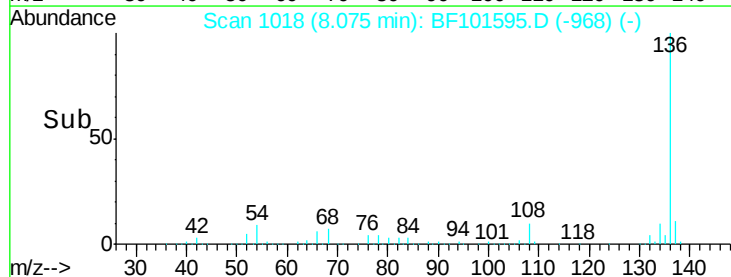
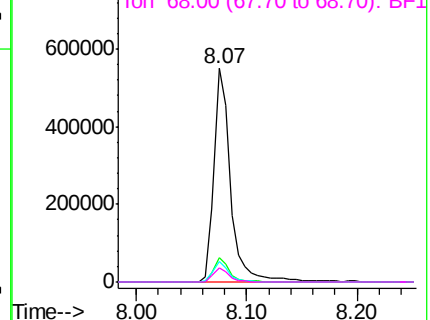


Abundance Ion 136.00 (135.70 to 136.70): E

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

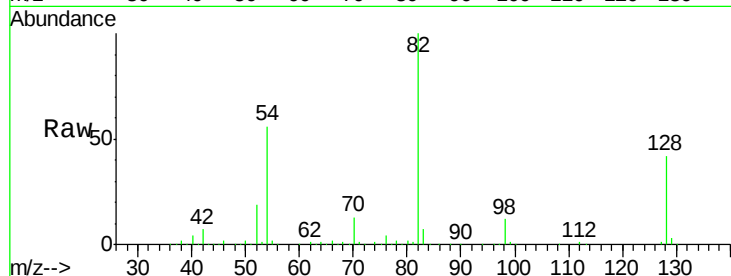




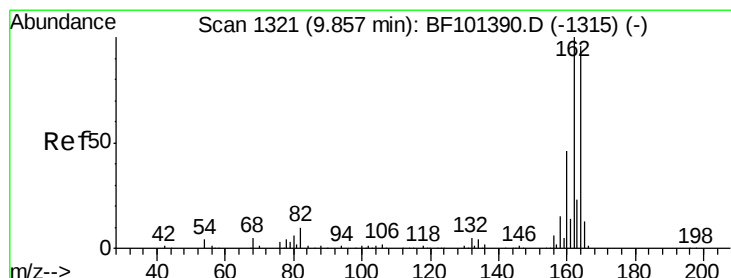
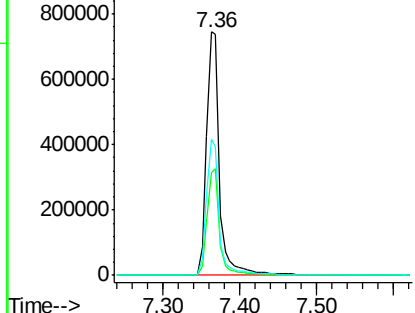
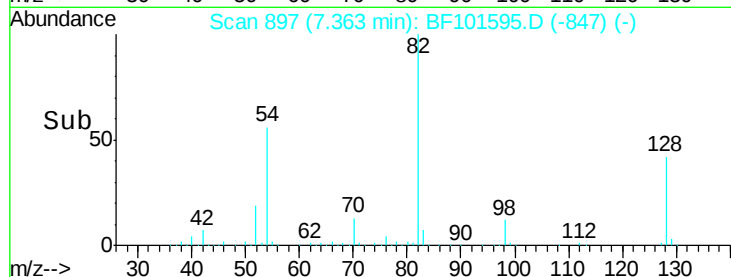
#23
 Nitrobenzene-d5
 Concen: 86.533 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-M

Tgt Ion: 82 Resp: 877408
 Ion Ratio Lower Upper
 82 100
 128 42.3 36.1 54.1
 54 56.1 41.4 62.2

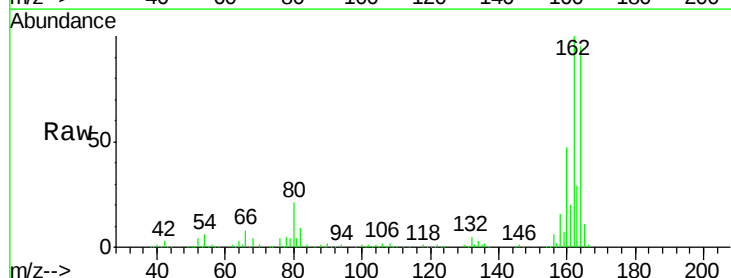


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

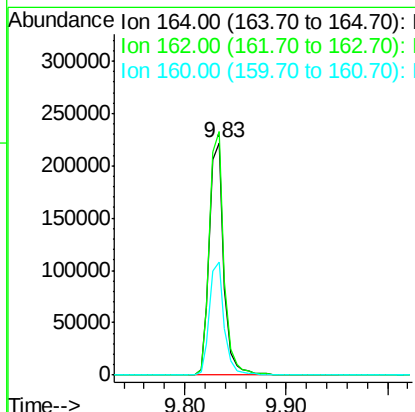
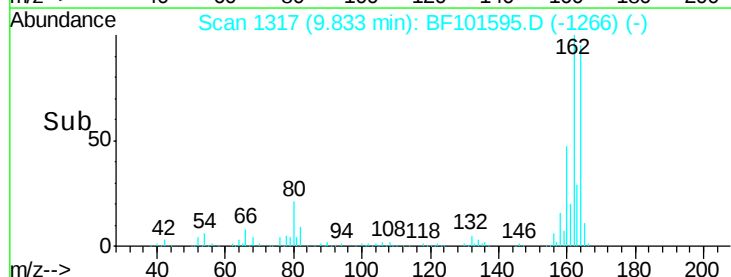


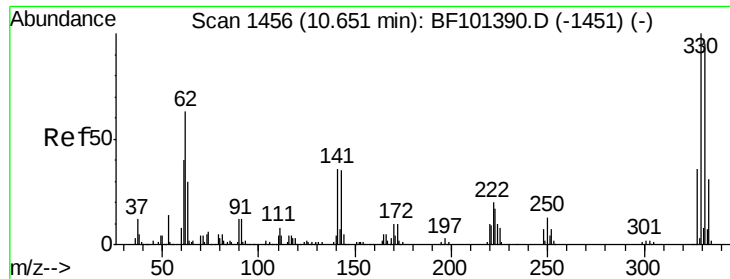
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Tgt Ion: 164 Resp: 222131
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 48.8 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

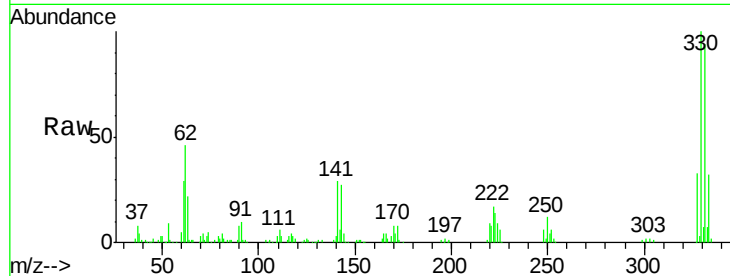




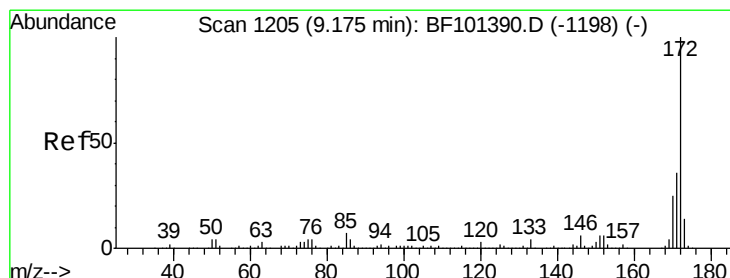
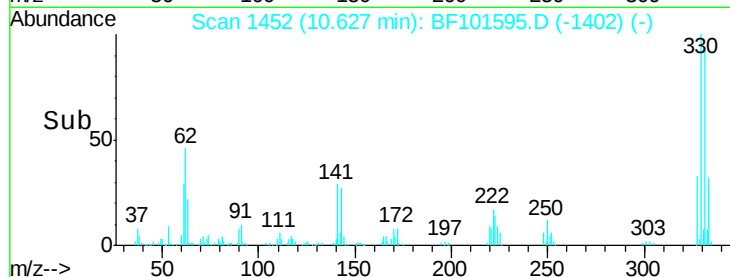
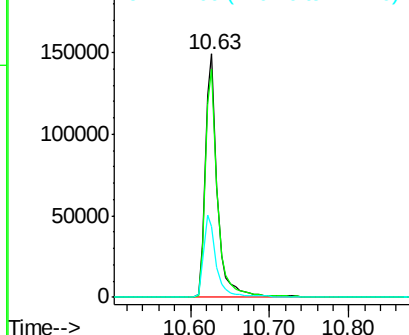
#41
 2,4,6-Tribromophenol
 Concen: 74.510 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.5	29.9	44.9

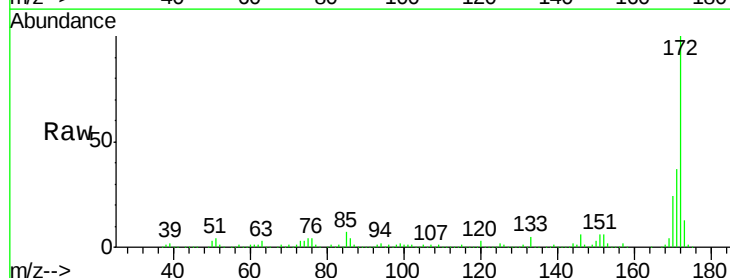


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

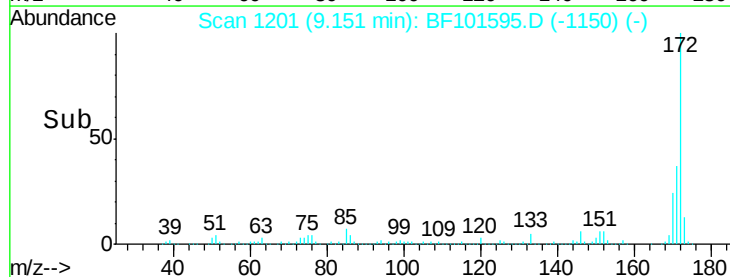
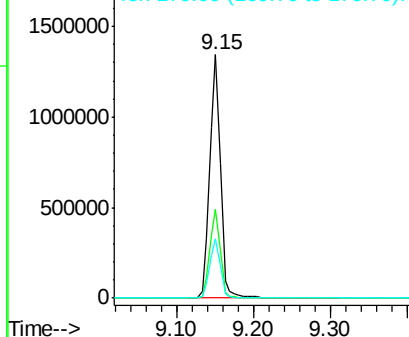


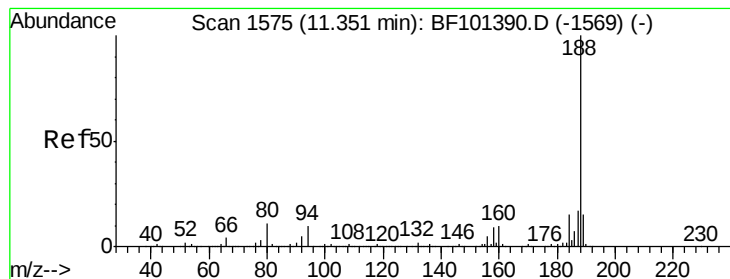
#44
 2-Fluorobiphenyl
 Concen: 89.753 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-M

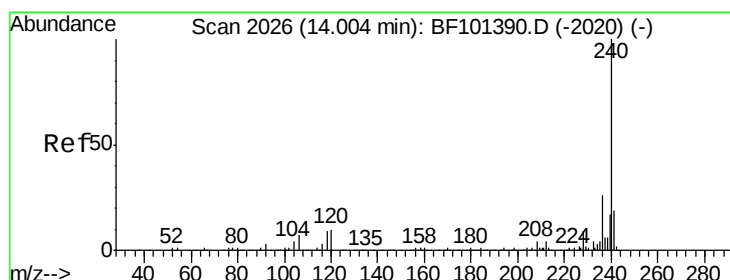
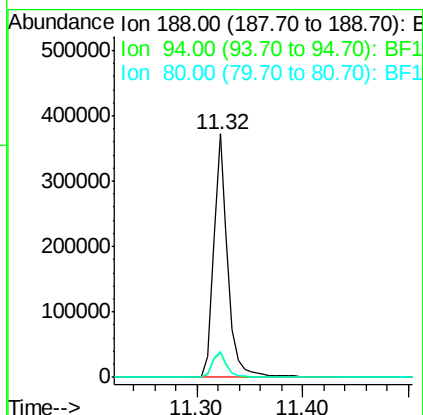
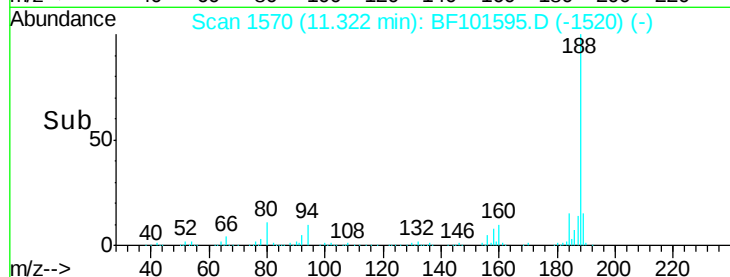
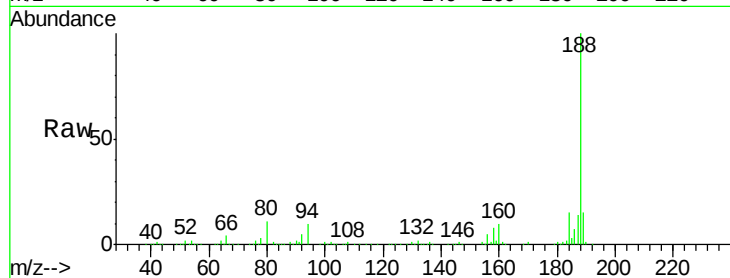
Tgt Ion:188 Resp: 349992

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

80 10.8 9.2 13.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

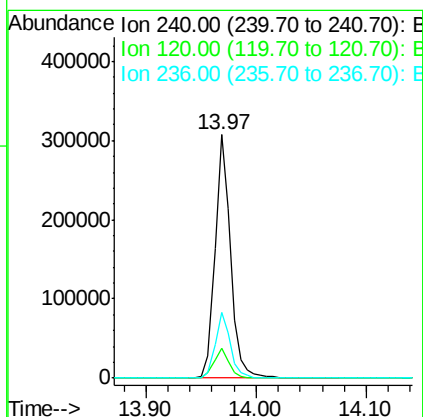
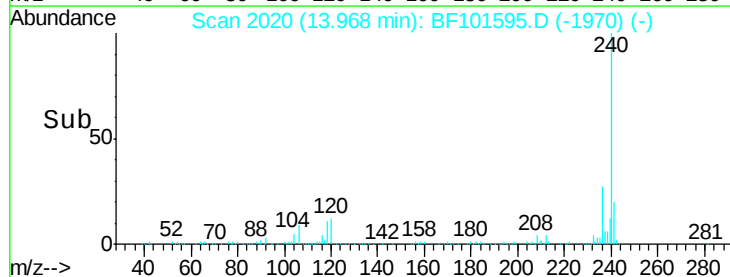
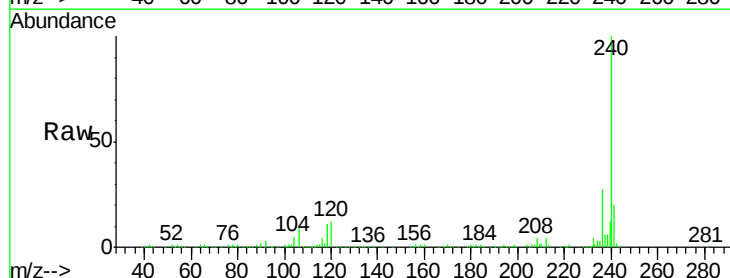
Tgt Ion:240 Resp: 296484

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

236 27.1 20.7 31.1





#78

Terphenyl-d14

Concen: 74.151 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-M

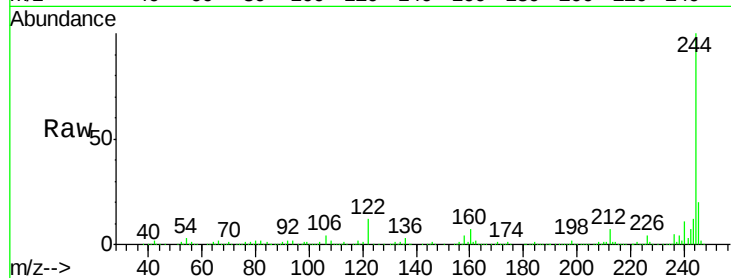
Tgt Ion:244 Resp: 911931

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

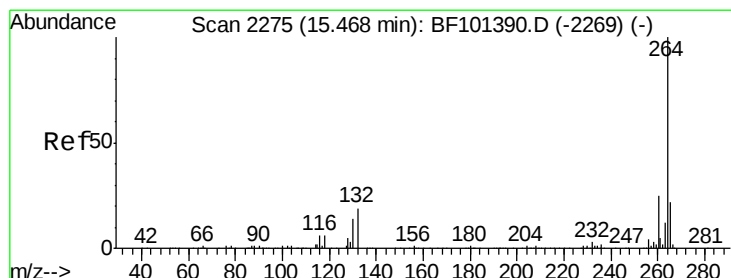
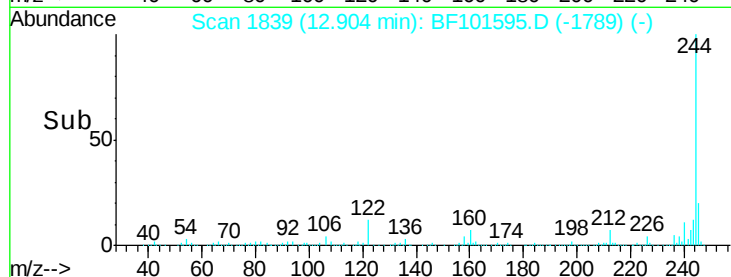
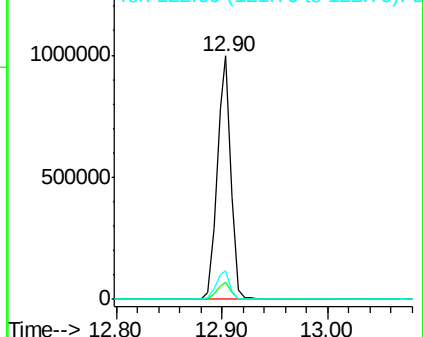
122 11.7 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

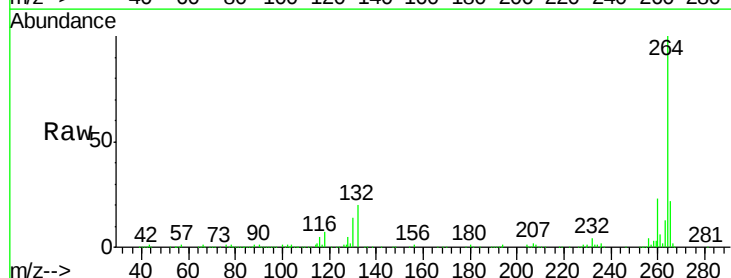
Tgt Ion:264 Resp: 319089

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

