

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111451.D
 Acq On : 15 Dec 2018 6:39
 Operator : JU/SJ
 Sample : J6328-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120718-JETT-F-D-S

Quant Time: Dec 15 23:50:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141595	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	540281	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	210645	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	334560	20.00	ng	0.00
76) Chrysene-d12	13.95	240	276952	20.00	ng	0.00
87) Perylene-d12	15.39	264	181007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	393054	46.19	ng	0.00
7) Phenol-d6	6.43	99	287404	25.39	ng	0.00
23) Nitrobenzene-d5	7.36	82	944822	104.14	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	160289	84.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1624657	119.13	ng	0.00
79) Terphenyl-d14	12.90	244	1234966	104.71	ng	0.00

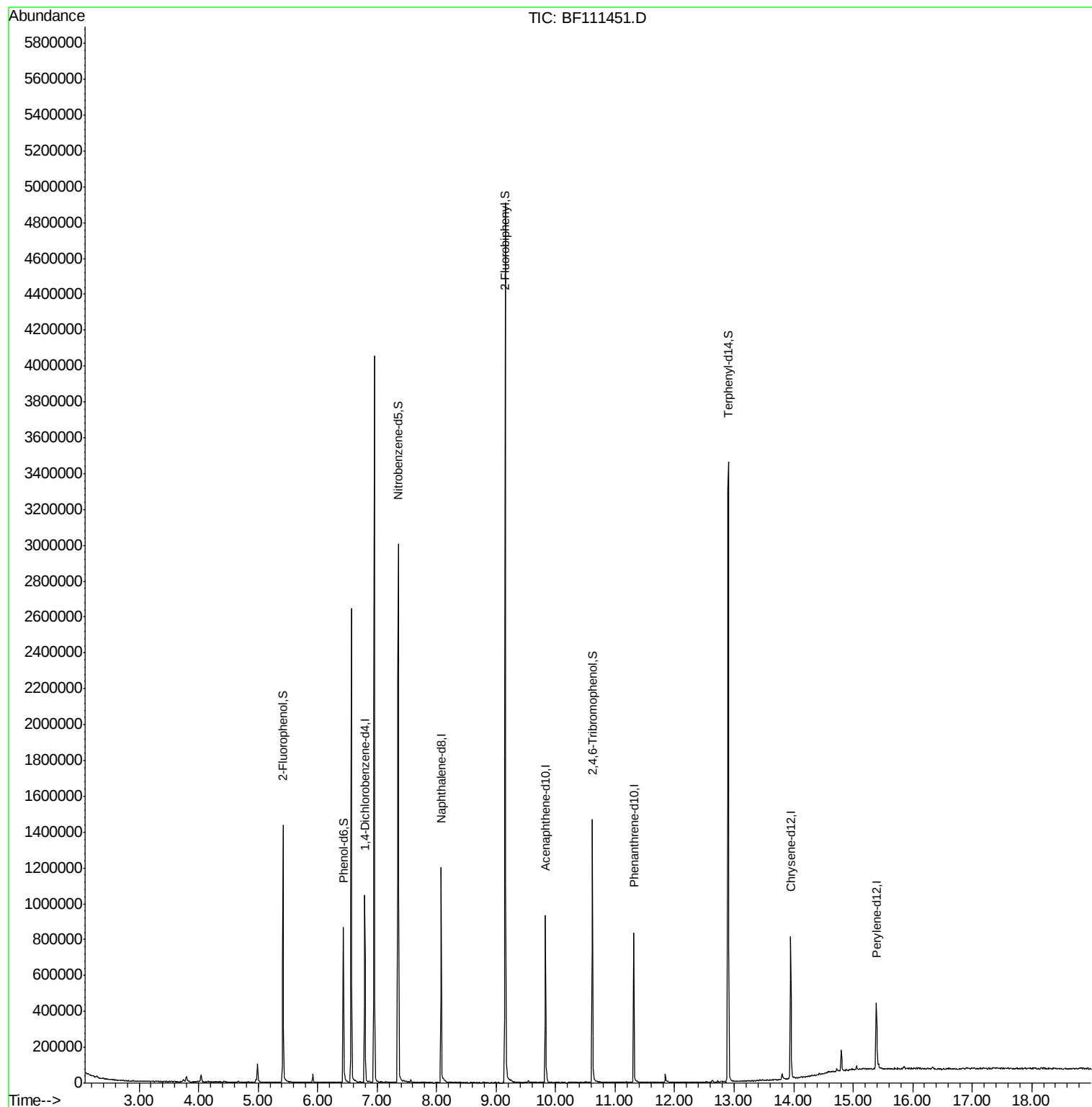
Target Compounds Qvalue

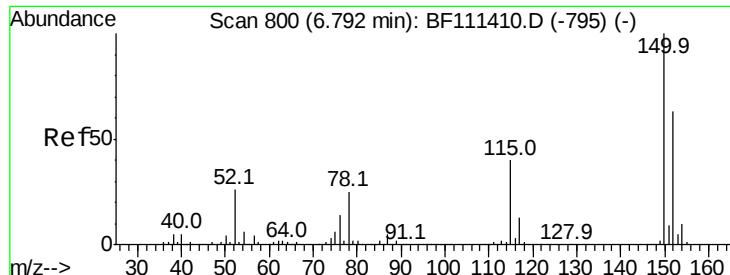
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

Instrument :

BNA_F

ClientSampleId :

120718-JETT-F-D-S

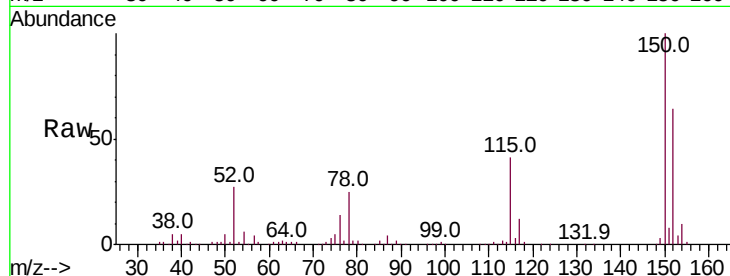
Tot Ion:152 Resp: 141595

Ion Ratio Lower Upper

152 100

150 155.1 126.6 189.8

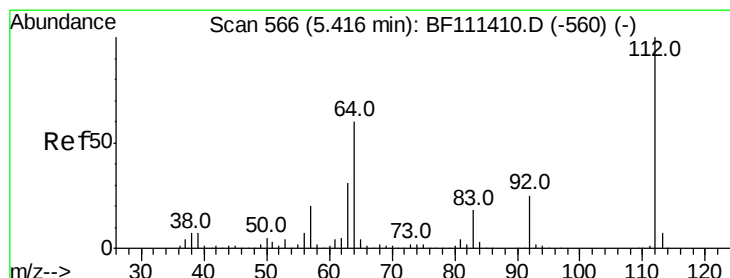
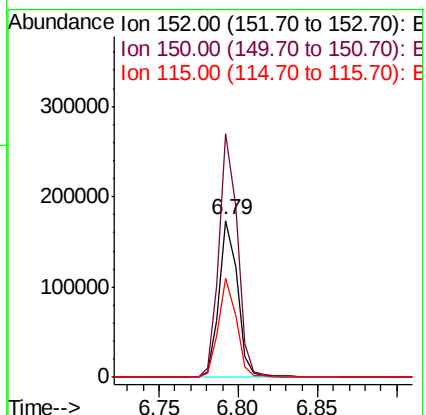
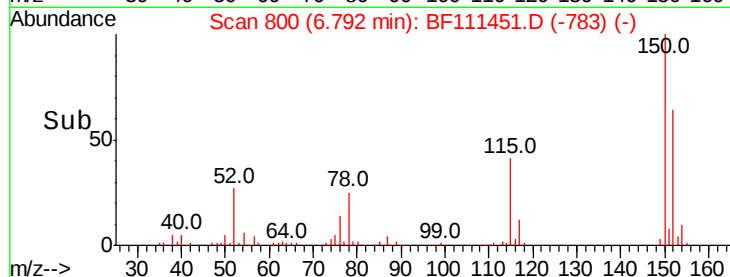
115 63.1 50.7 76.1



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: 46.193 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

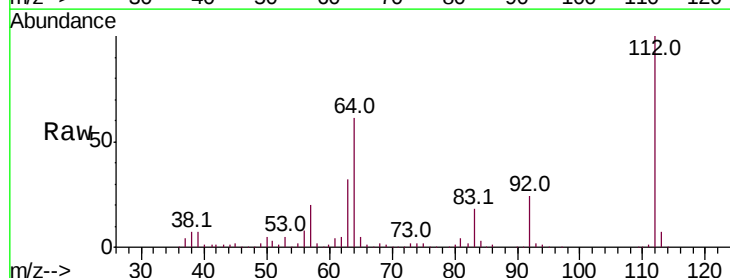
Tgt Ion:112 Resp: 393054

Ion Ratio Lower Upper

112 100

64 60.9 51.8 77.6

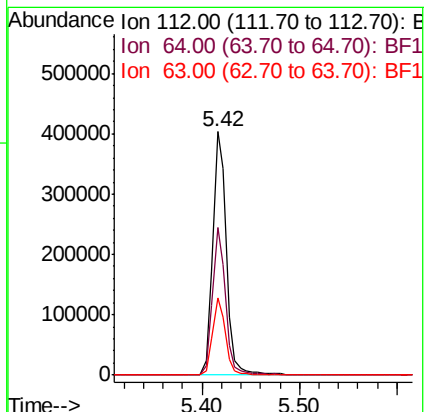
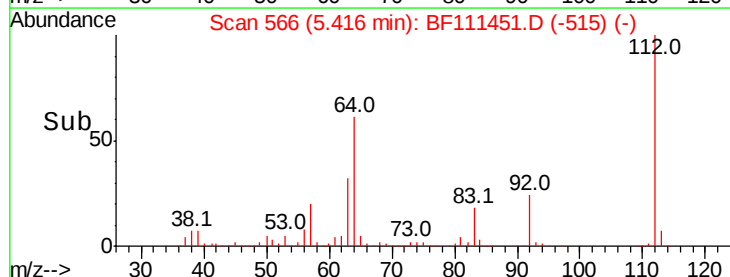
63 32.0 26.8 40.2

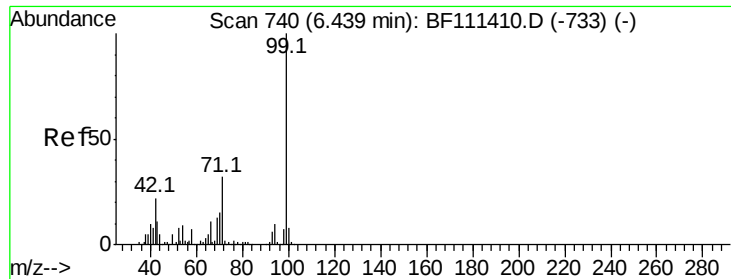


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.392 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

Instrument :

BNA_F

ClientSampleId :

120718-JETT-F-D-S

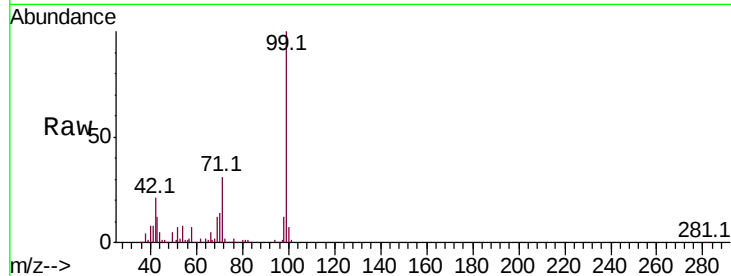
Tot Ion: 99 Resp: 287404

Ion Ratio Lower Upper

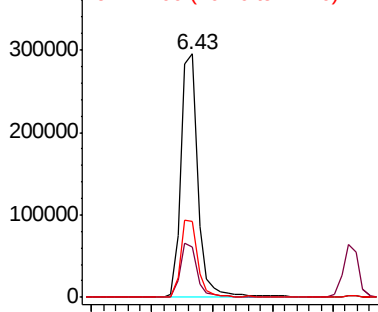
99 100

42 20.6 17.4 26.0

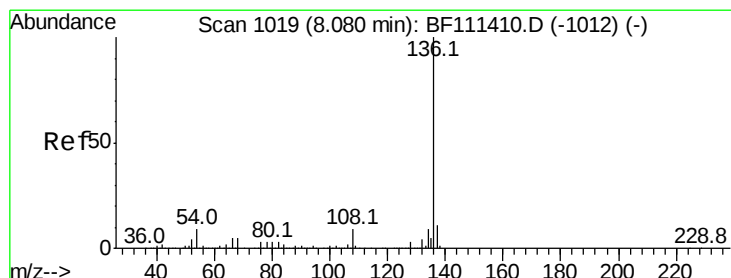
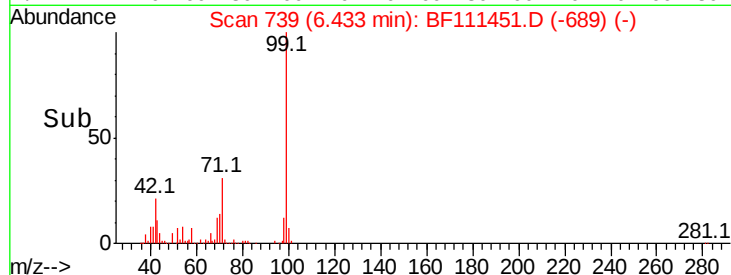
71 31.3 26.1 39.1



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

Tgt Ion: 136 Resp: 540281

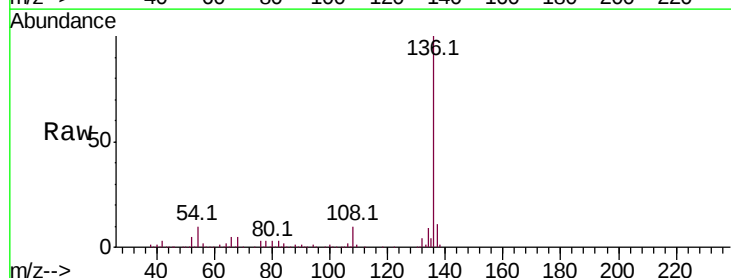
Ion Ratio Lower Upper

136 100

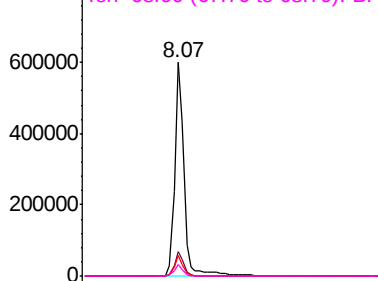
137 11.2 9.1 13.7

54 9.5 7.7 11.5

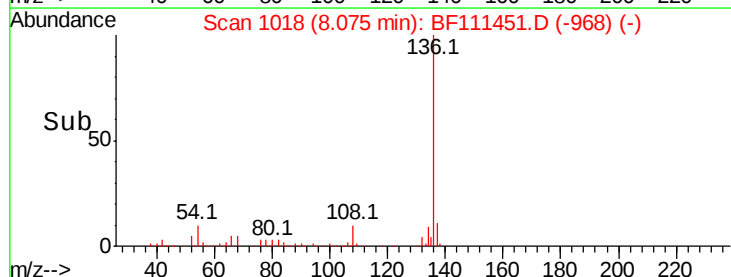
68 5.1 4.9 7.3

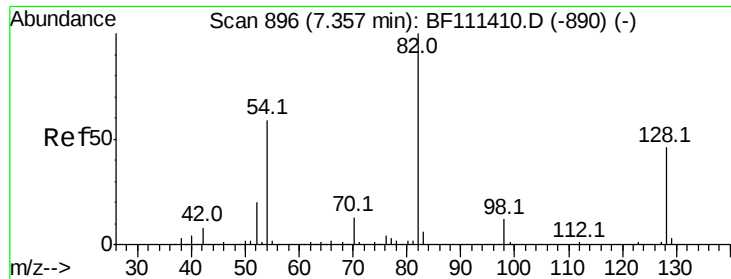


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

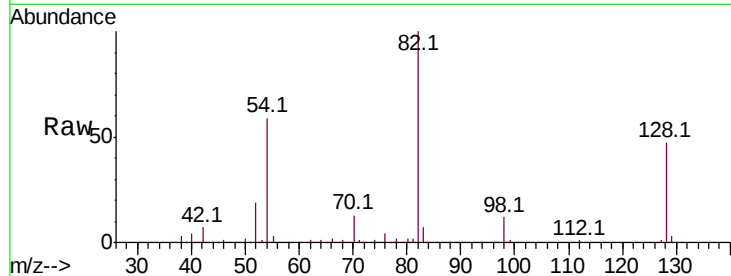




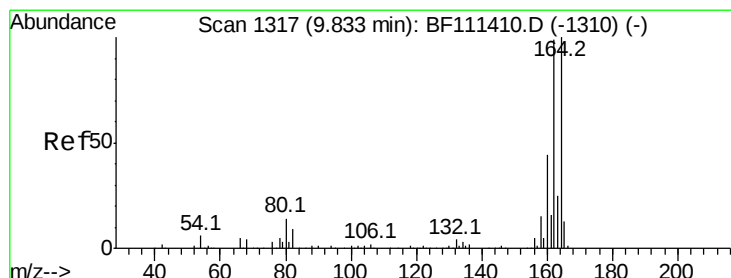
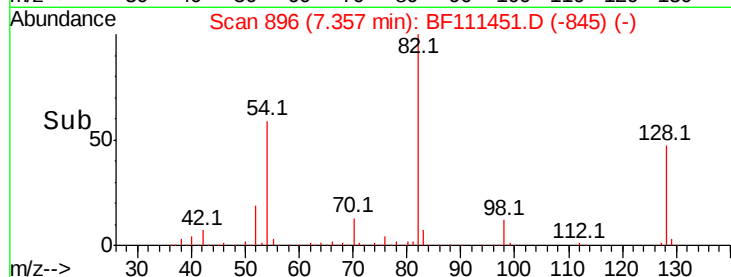
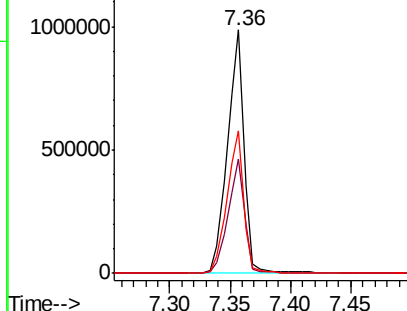
#23
 Nitrobenzene-d5
 Concen: 104.136 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :
 120718-JETT-F-D-S

Tot Ion: 82 Resp: 944822
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.4 56.2
 54 58.6 47.6 71.4

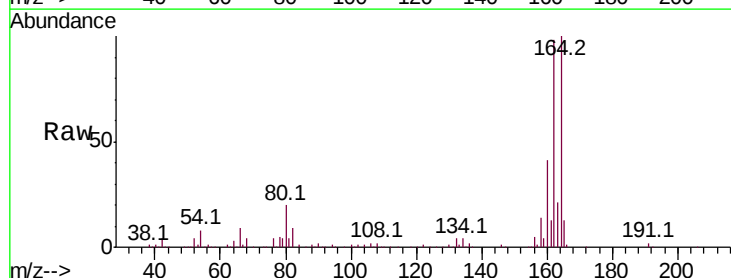


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

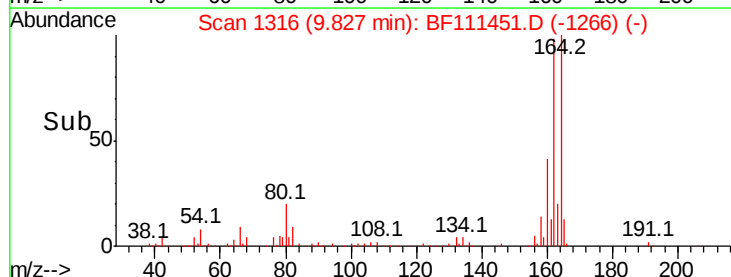
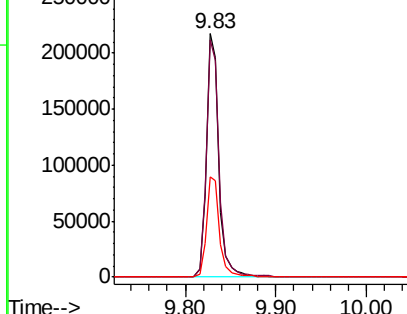


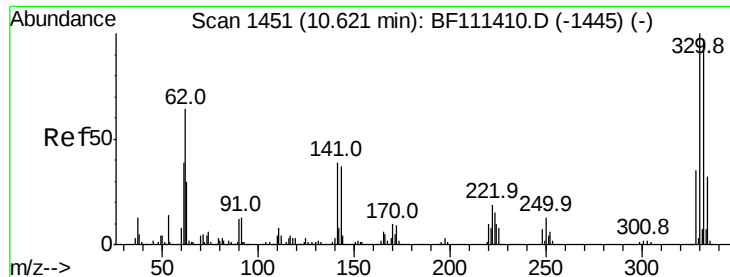
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt Ion:164 Resp: 210645
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.4 122.0
 160 41.3 35.7 53.5



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

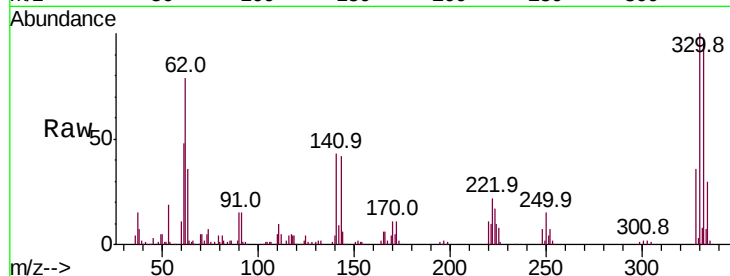




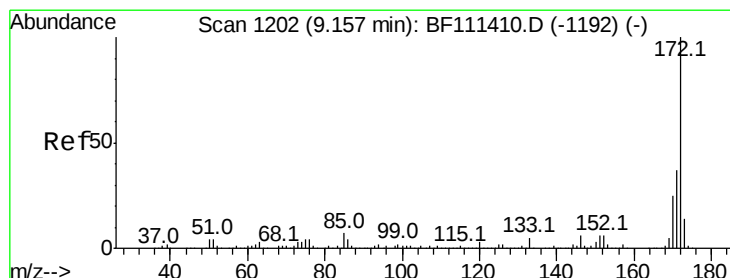
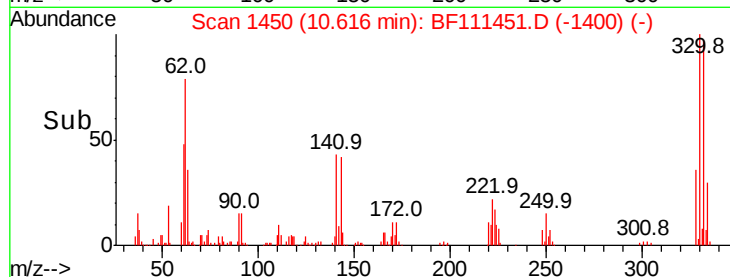
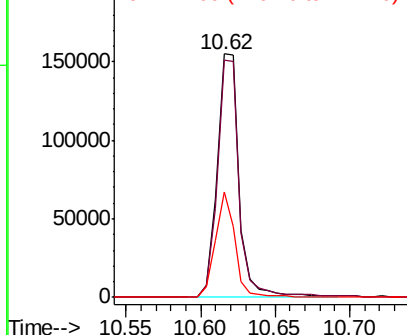
#42
 2,4,6-Tribromophenol
 Concen: 84.947 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Instrument :
 BNA_F
 ClientSampleId :
 120718-JETT-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	38.8	31.0	46.6

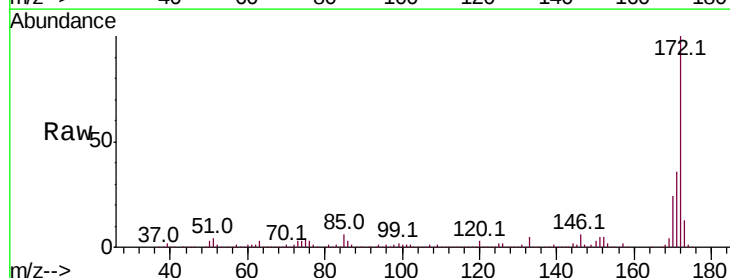


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

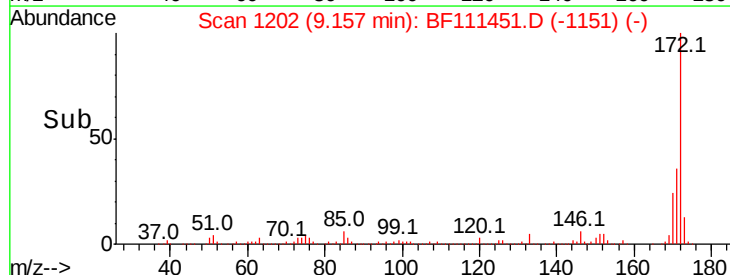
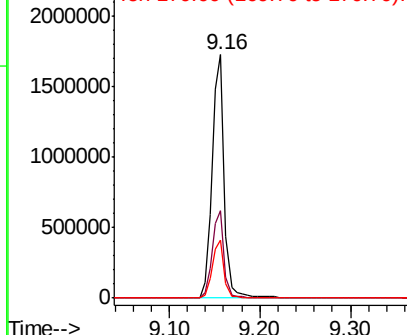


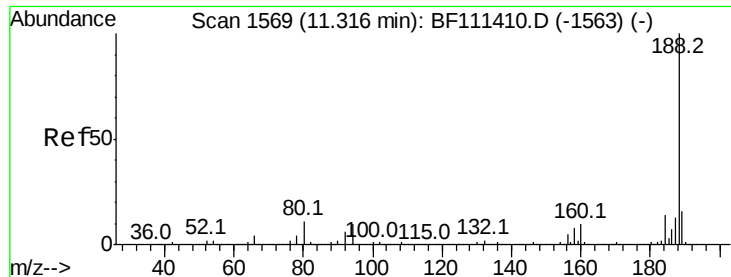
#45
 2-Fluorobiphenyl
 Concen: 119.134 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111451.D
 Acq: 15 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.9	22.3	33.5



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

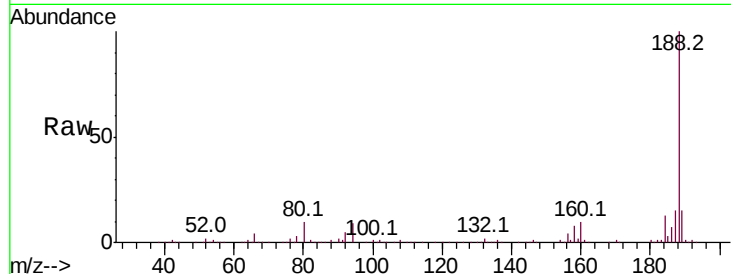




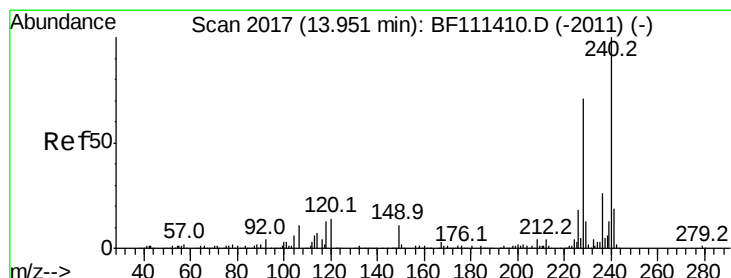
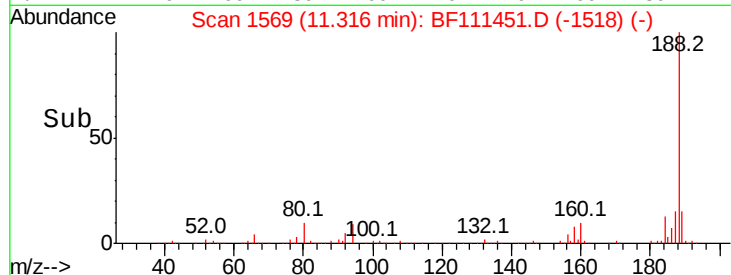
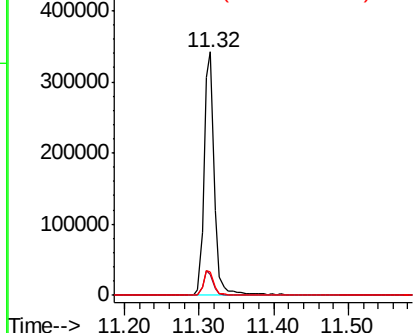
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111451.D
Acq: 15 Dec 2018 6:39

Instrument :
BNA_F
ClientSampleId :
120718-JETT-F-D-S

Tot Ion:188 Resp: 334560
Ion Ratio Lower Upper
188 100
94 8.8 9.6 14.4#
80 9.7 9.8 14.6#

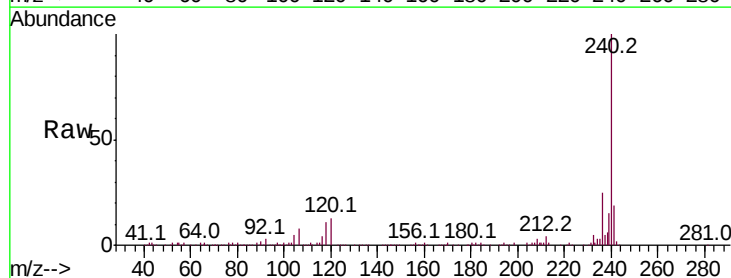


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

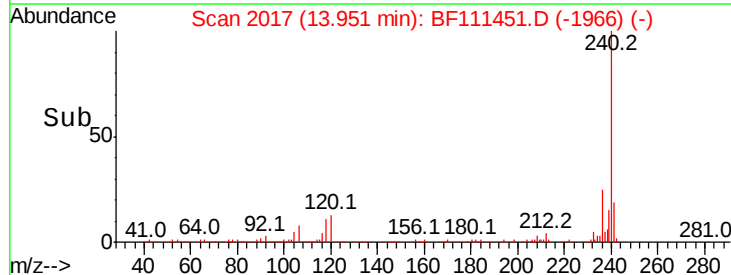
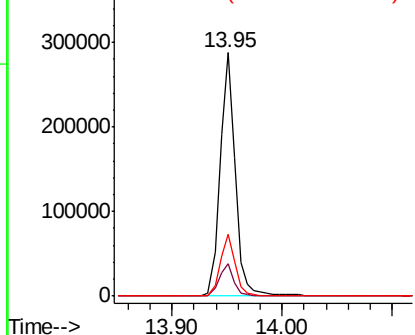


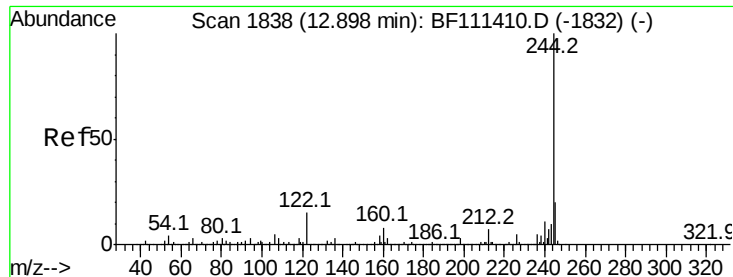
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111451.D
Acq: 15 Dec 2018 6:39

Tgt Ion:240 Resp: 276952
Ion Ratio Lower Upper
240 100
120 13.5 12.2 18.2
236 25.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.711 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

Instrument :

BNA_F

ClientSampleId :

120718-JETT-F-D-S

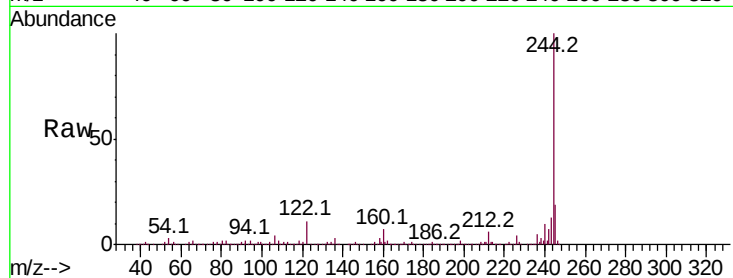
Tot Ion:244 Resp: 1234966

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

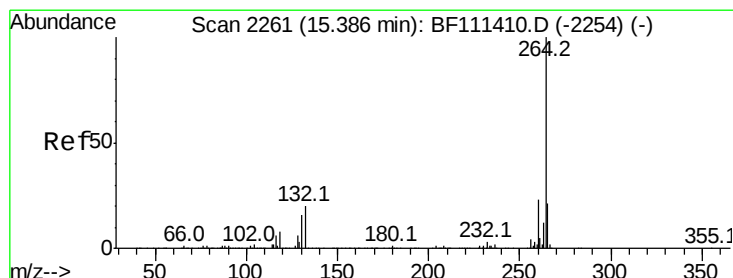
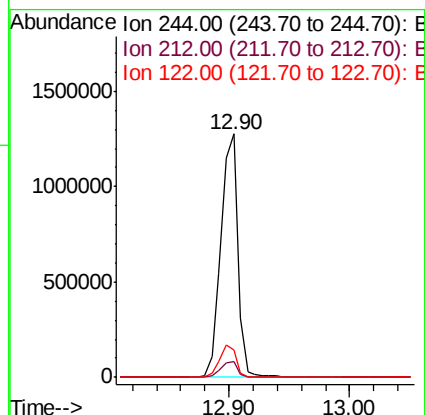
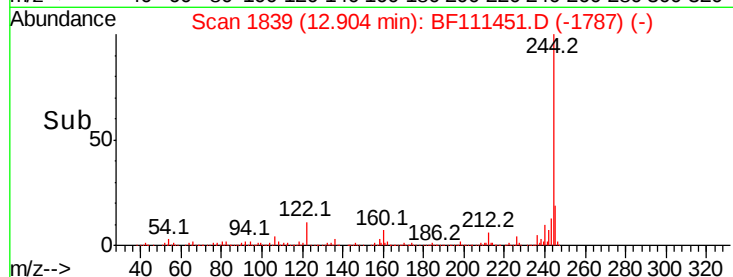
122 11.3 13.1 19.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111451.D

Acq: 15 Dec 2018 6:39

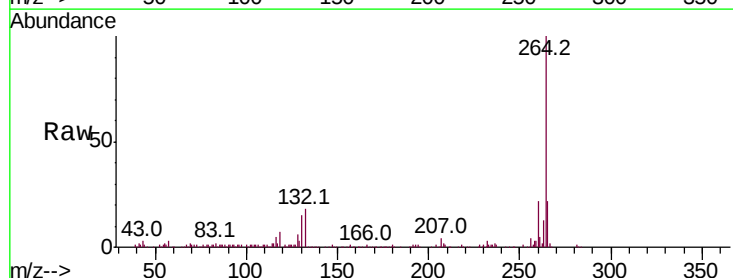
Tgt Ion:264 Resp: 181007

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.5 17.7 26.5



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

