

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111456.D
 Acq On : 15 Dec 2018 8:58
 Operator : JU/SJ
 Sample : J6341-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121018-JETT-F-D-B

Quant Time: Dec 15 23:57:18 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	128758	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	506140	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	192107	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	301497	20.00	ng	0.00
76) Chrysene-d12	13.95	240	253704	20.00	ng	0.00
87) Perylene-d12	15.39	264	170796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	333133	43.05	ng	0.00
7) Phenol-d6	6.43	99	248276	24.12	ng	-0.01
23) Nitrobenzene-d5	7.36	82	767958	90.35	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	129242	75.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1357086	109.12	ng	0.00
79) Terphenyl-d14	12.90	244	1069403	98.98	ng	0.00

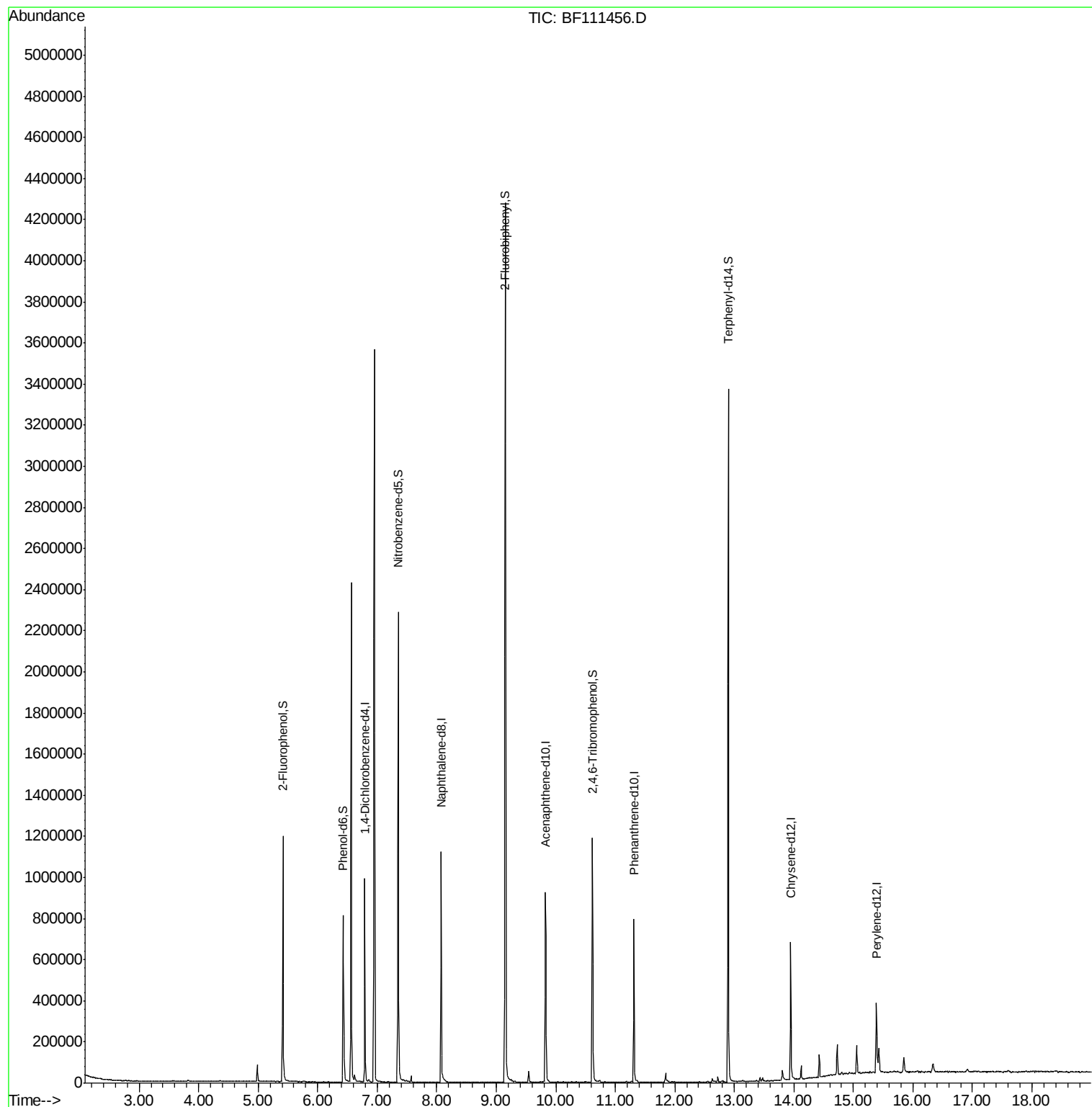
Target Compounds Qvalue

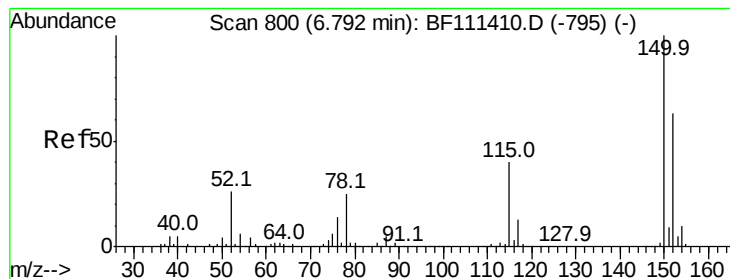
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

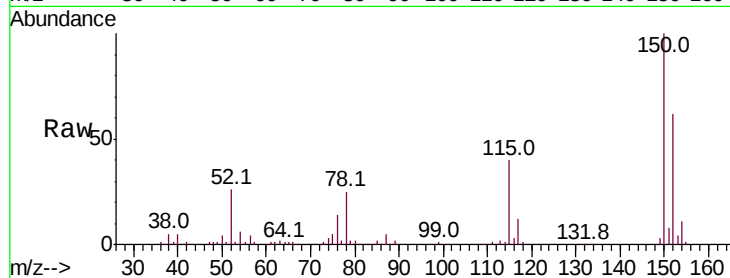
Tot Ion:152 Resp: 128758

Ion Ratio Lower Upper

152 100

150 162.1 126.6 189.8

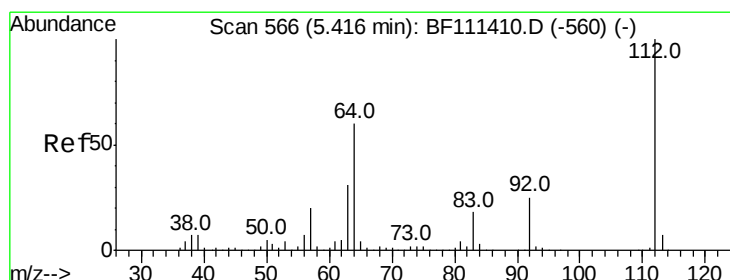
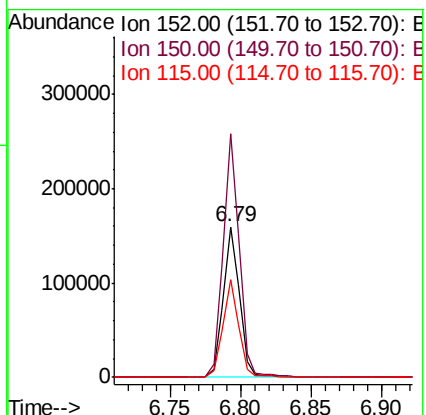
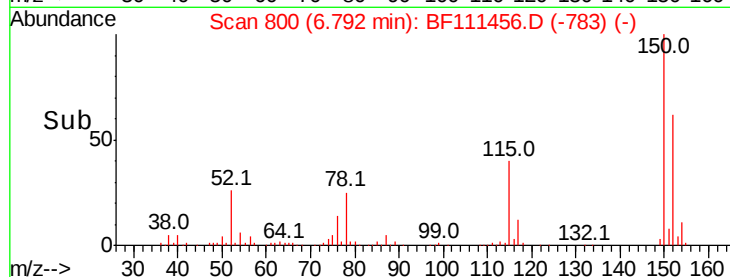
115 64.8 50.7 76.1



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: 43.054 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

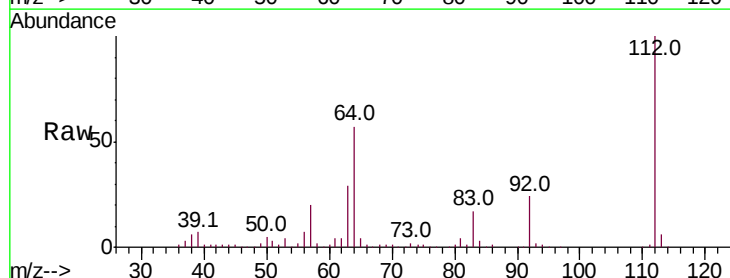
Tgt Ion:112 Resp: 333133

Ion Ratio Lower Upper

112 100

64 56.8 51.8 77.6

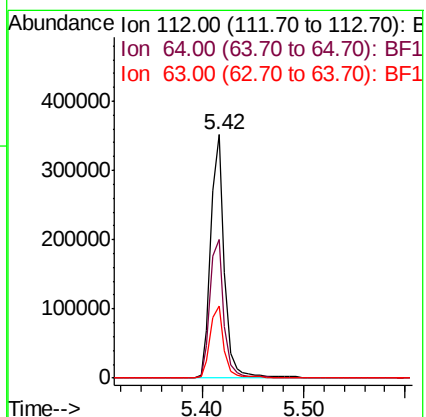
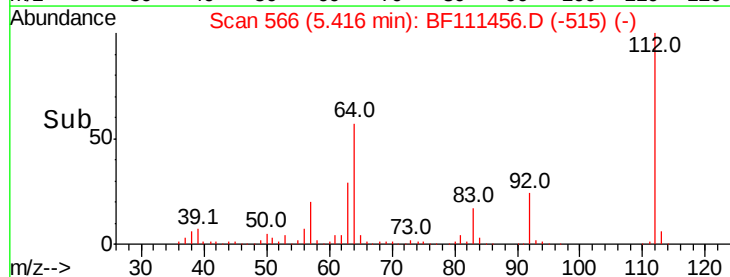
63 29.4 26.8 40.2

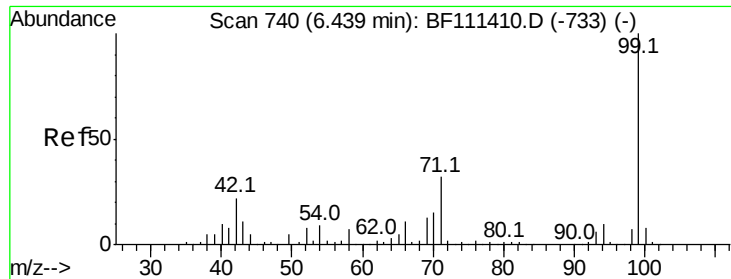


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.122 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

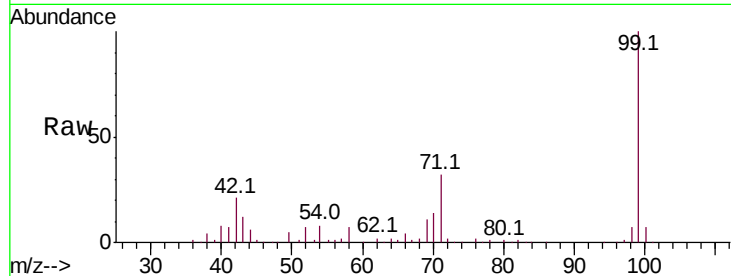
Tot Ion: 99 Resp: 248276

Ion Ratio Lower Upper

99 100

42 21.3 17.4 26.0

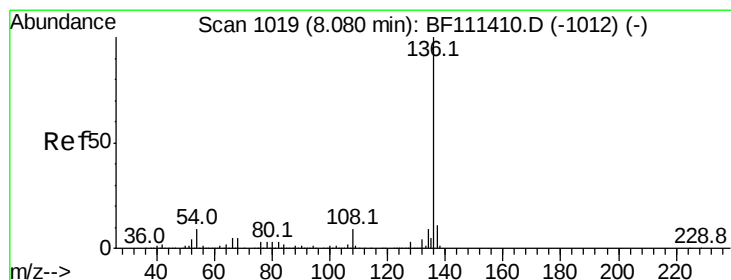
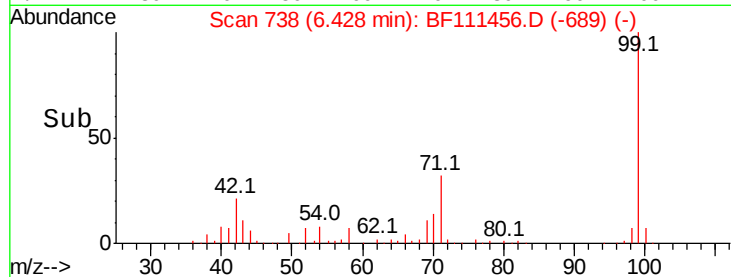
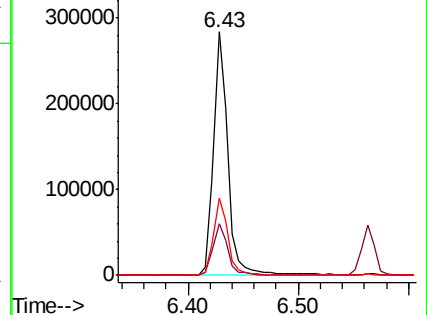
71 31.6 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

Tgt Ion: 136 Resp: 506140

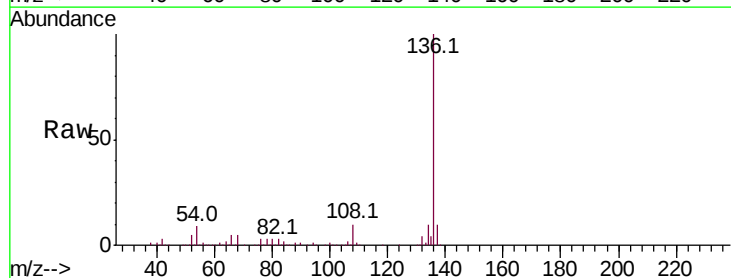
Ion Ratio Lower Upper

136 100

137 9.9 9.1 13.7

54 8.6 7.7 11.5

68 4.8 4.9 7.3#

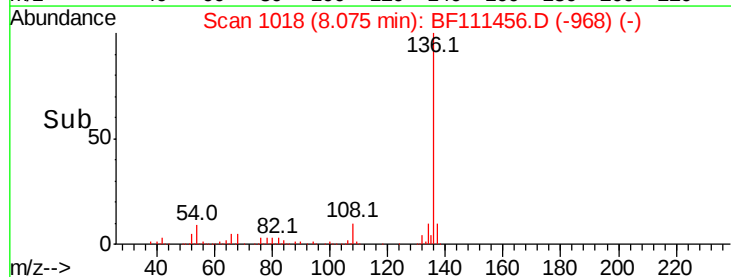
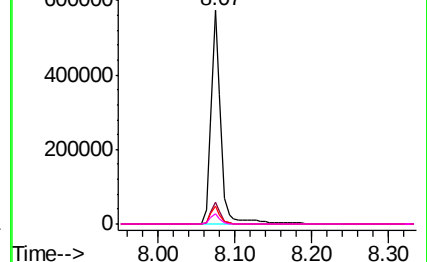


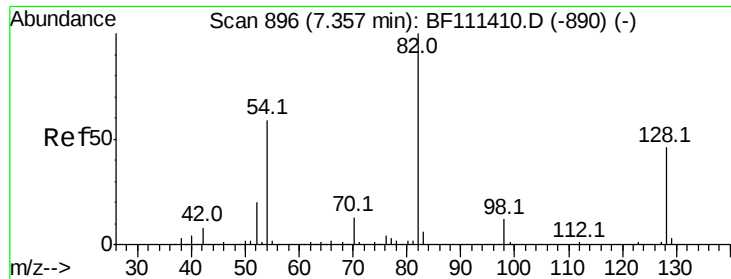
Abundance Ion 136.00 (135.70 to 136.70): E

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

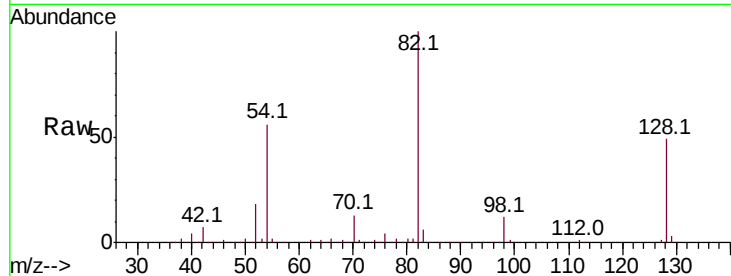




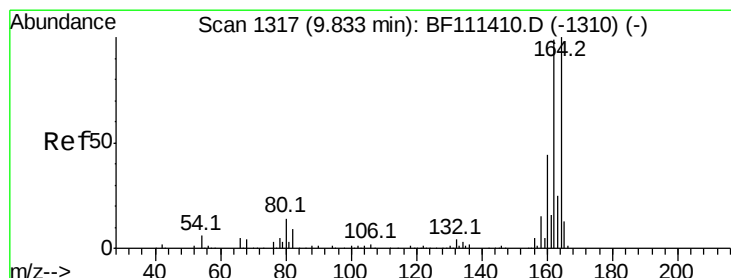
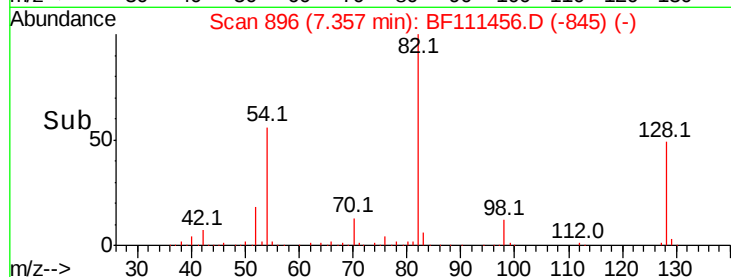
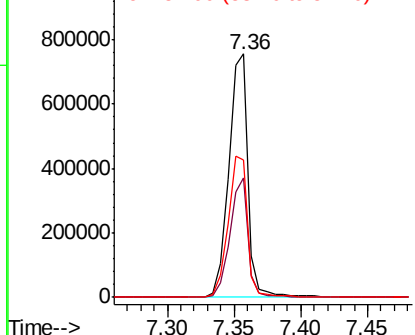
#23
Nitrobenzene-d5
Concen: 90.352 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-D-B

Tot Ion	82	Resp	767958
Ion Ratio	100	Lower	Upper
128	48.9	37.4	56.2
54	56.3	47.6	71.4

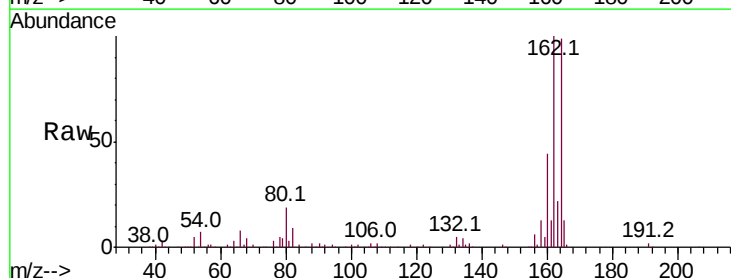


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

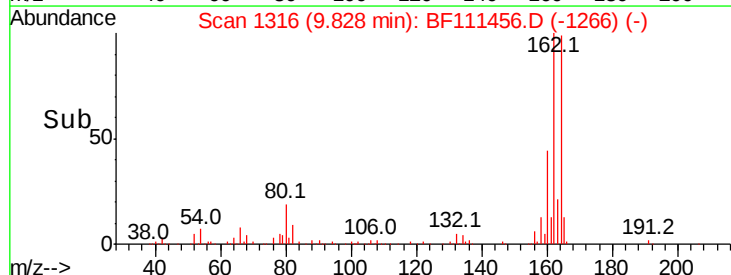
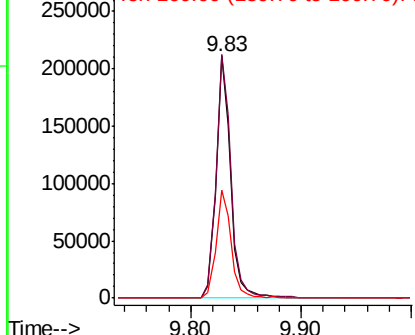


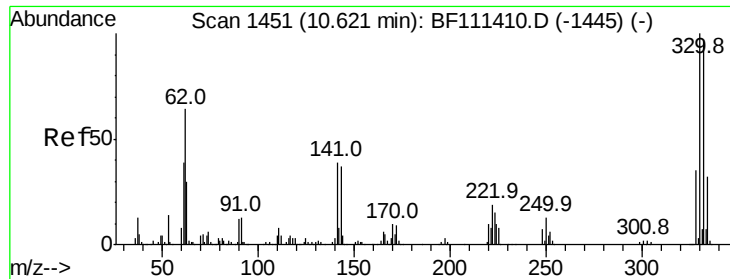
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

Tgt Ion	164	Resp	192107
Ion Ratio	100	Lower	Upper
162	100.6	81.4	122.0
160	44.7	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

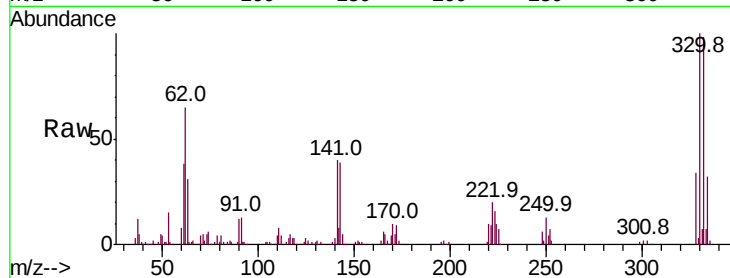




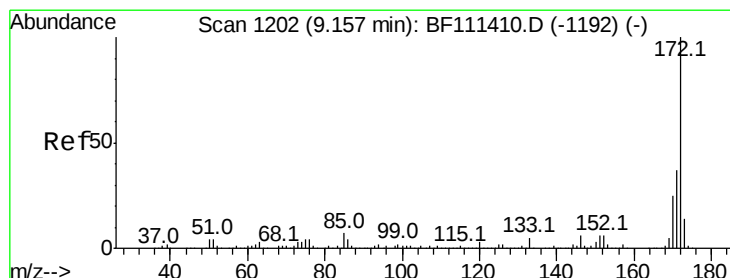
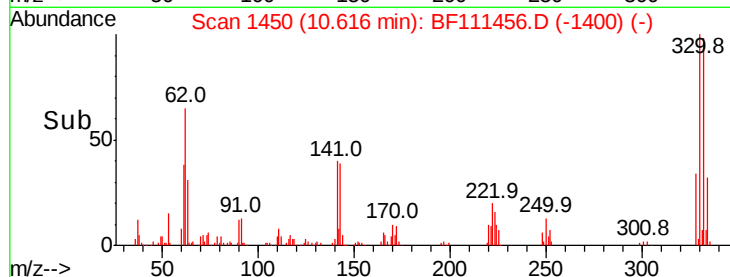
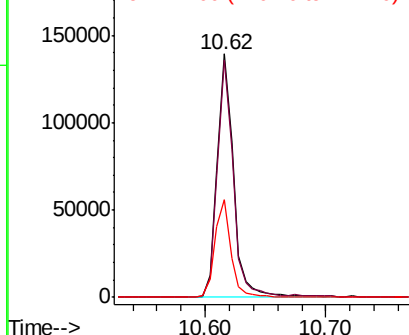
#42
 2,4,6-Tribromophenol
 Concen: 75.103 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111456.D
 Acq: 15 Dec 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 121018-JETT-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	39.3	31.0	46.6

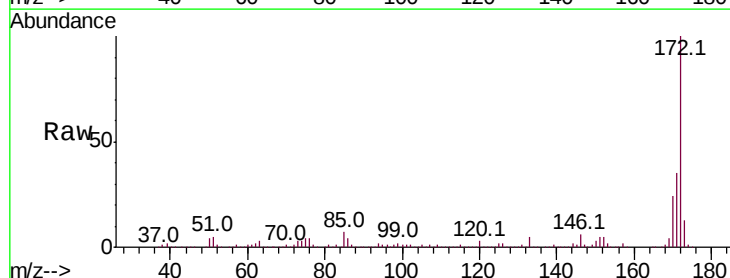


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

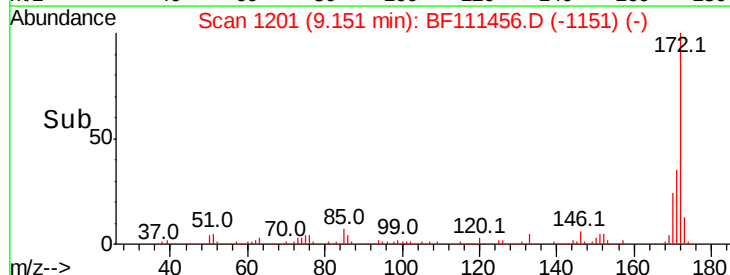
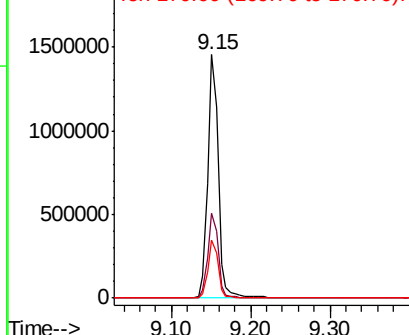


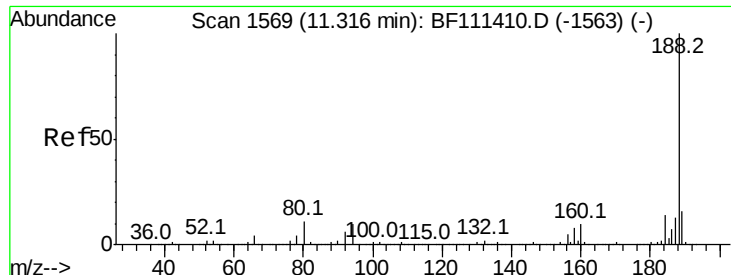
#45
 2-Fluorobiphenyl
 Concen: 109.117 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111456.D
 Acq: 15 Dec 2018 8:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

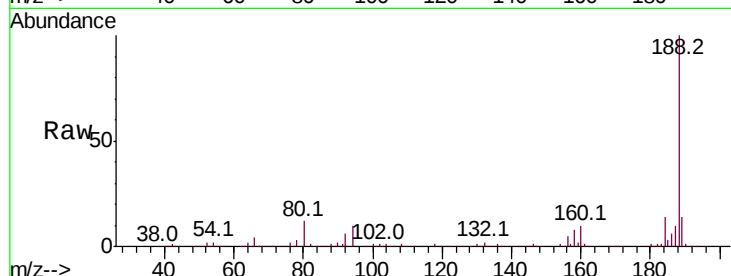
Tot Ion:188 Resp: 301497

Ion Ratio Lower Upper

188 100

94 10.0 9.6 14.4

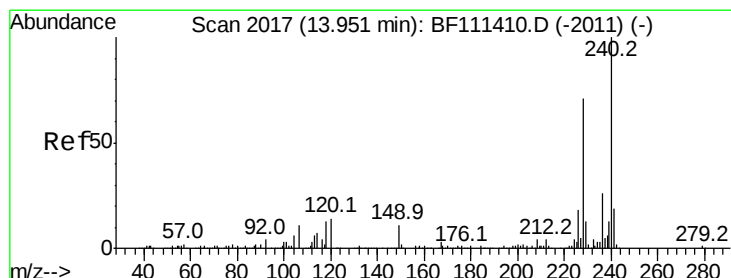
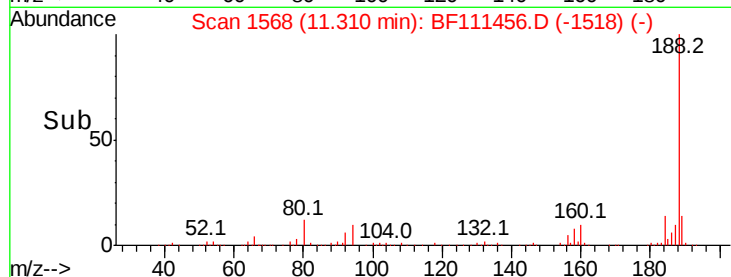
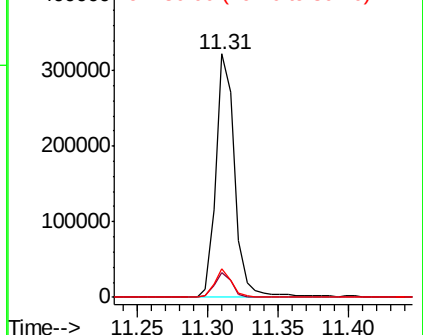
80 11.7 9.8 14.6



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: BF111456.D

Acq: 15 Dec 2018 8:58

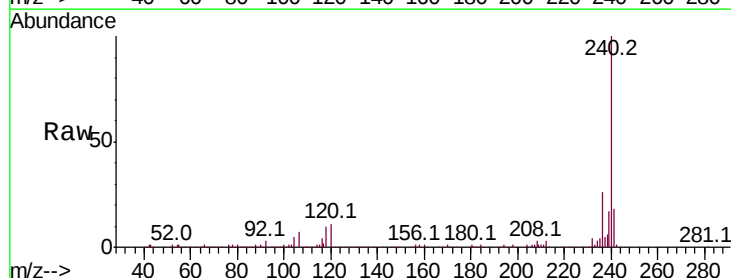
Tgt Ion:240 Resp: 253704

Ion Ratio Lower Upper

240 100

120 11.0 12.2 18.2#

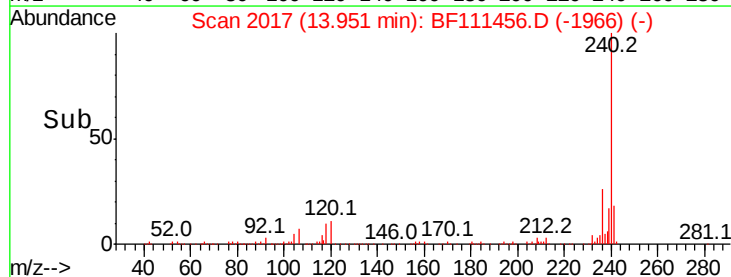
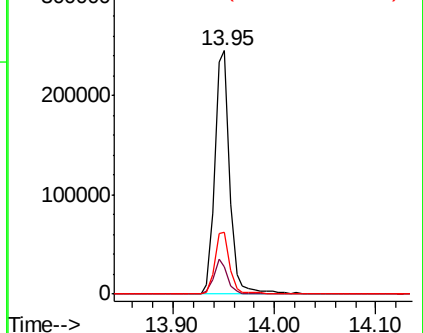
236 25.6 20.2 30.2

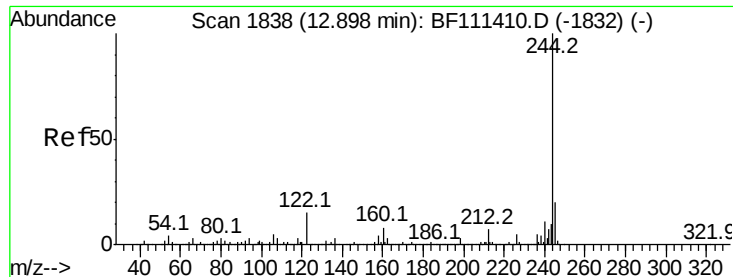


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.982 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

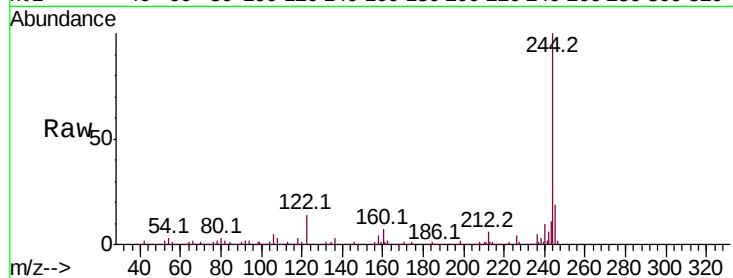
Tot Ion:244 Resp: 1069403

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

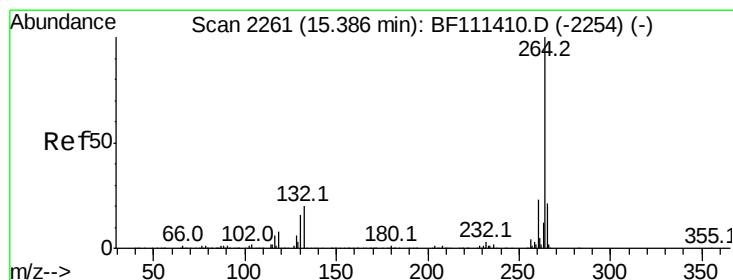
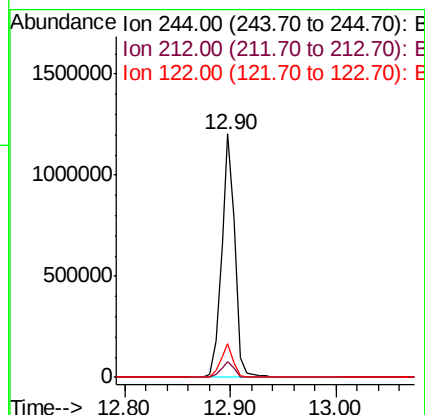
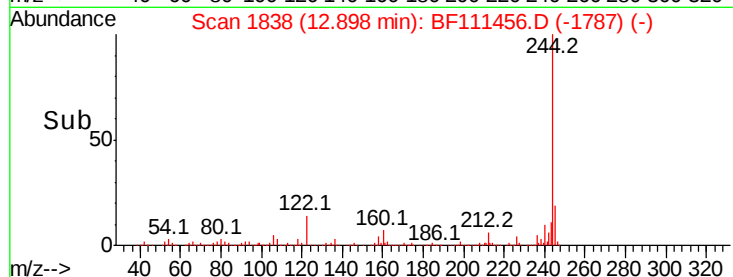
122 13.8 13.1 19.7



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# 2261

Delta R.T. 0.00 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

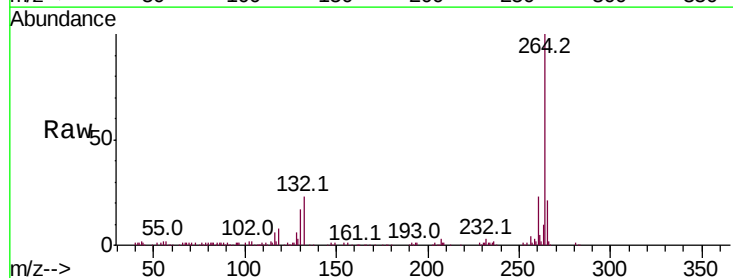
Tgt Ion:264 Resp: 170796

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.0 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

