

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111487.D
 Acq On : 16 Dec 2018 1:11
 Operator : JU/SJ
 Sample : J6341-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Dec 16 02:58:59 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	148305	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	521650	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	189909	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	308907	20.00	ng	0.00
76) Chrysene-d12	13.95	240	306699	20.00	ng	0.00
87) Perylene-d12	15.39	264	210942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	355943	39.94	ng	0.00
7) Phenol-d6	6.43	99	269941	22.77	ng	-0.01
23) Nitrobenzene-d5	7.35	82	798069	91.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	128072	75.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1271871	103.45	ng	0.00
79) Terphenyl-d14	12.90	244	1066892	81.69	ng	0.00

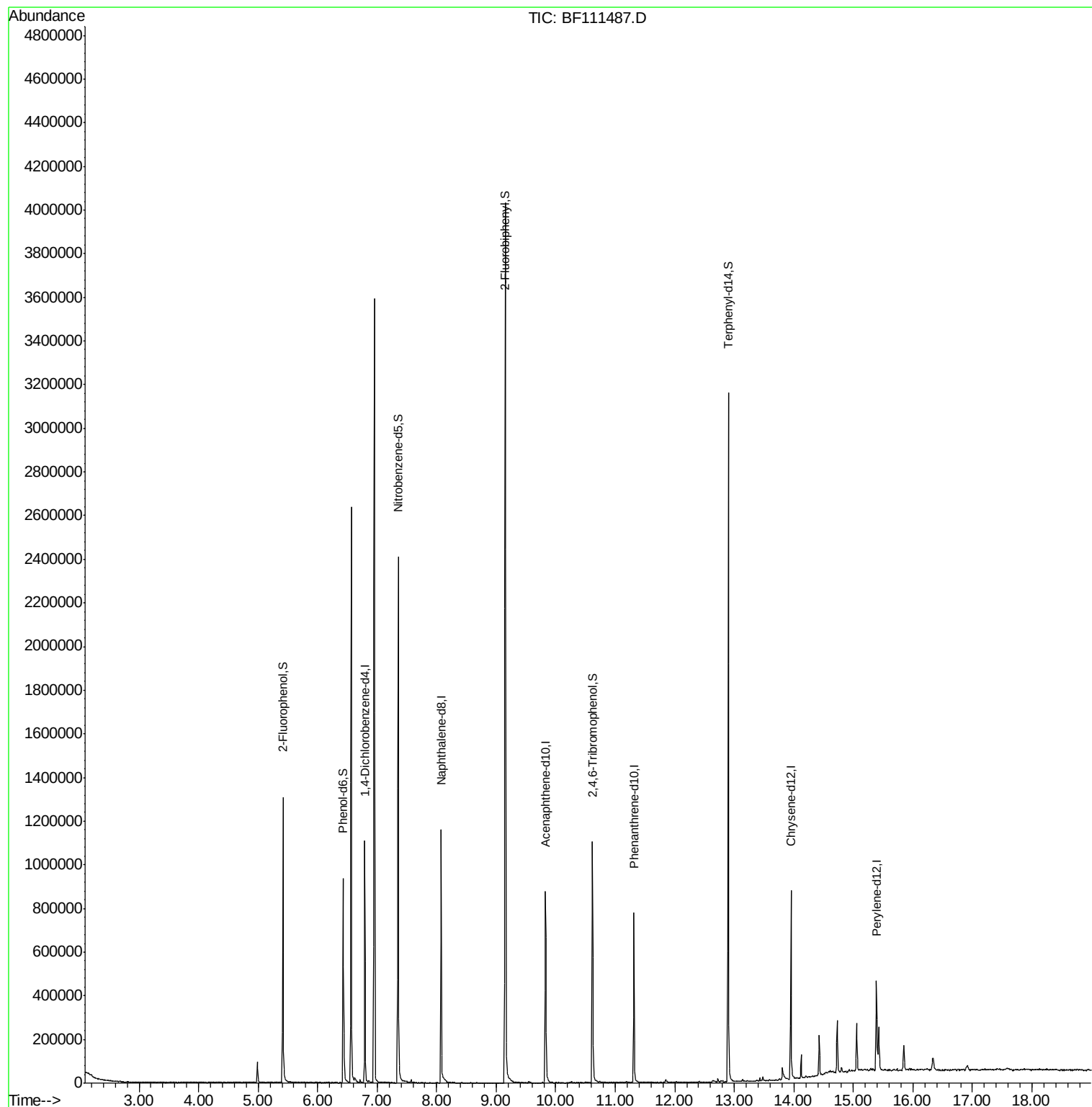
Target Compounds Qvalue

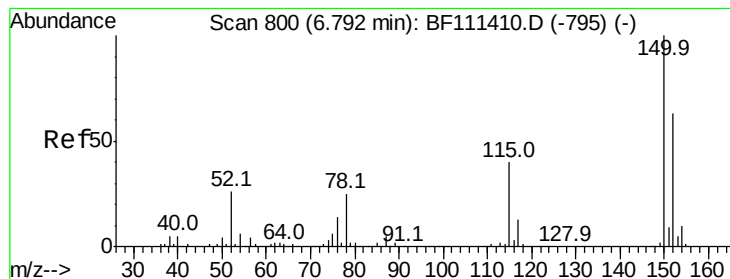
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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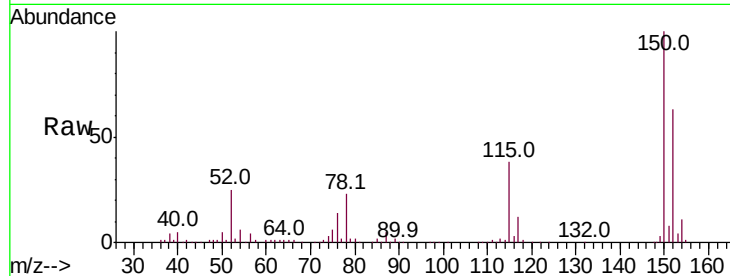


#1

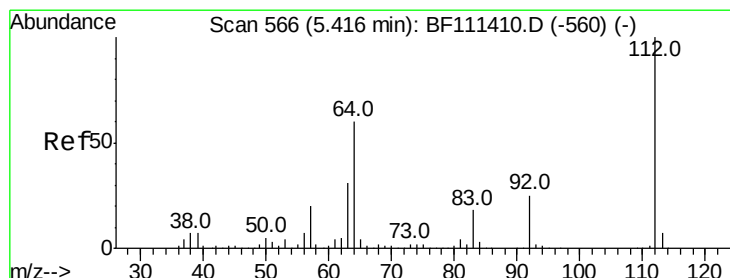
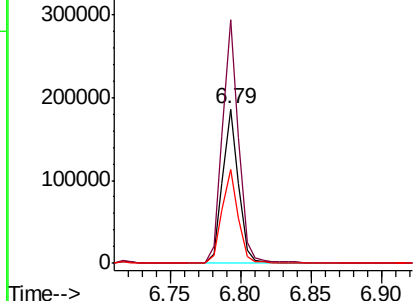
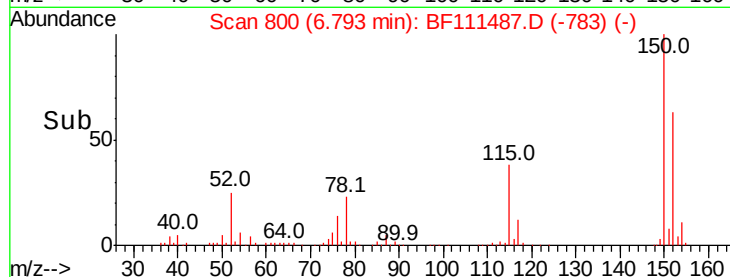
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111487.D
 Acq: 16 Dec 2018 1:11

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	60.5	50.7	76.1



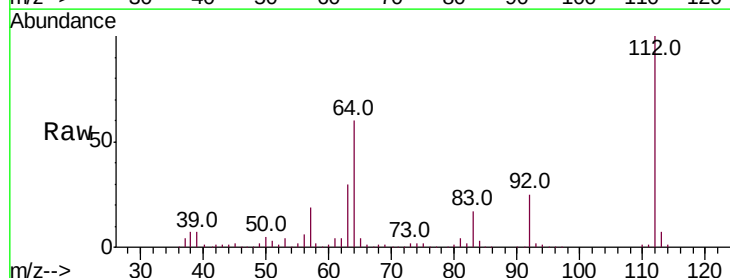
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



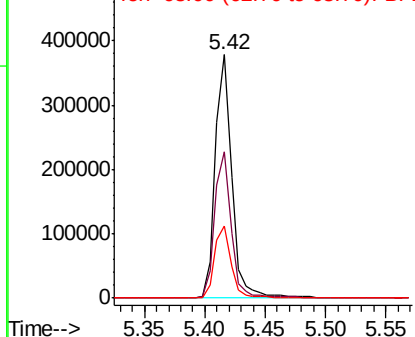
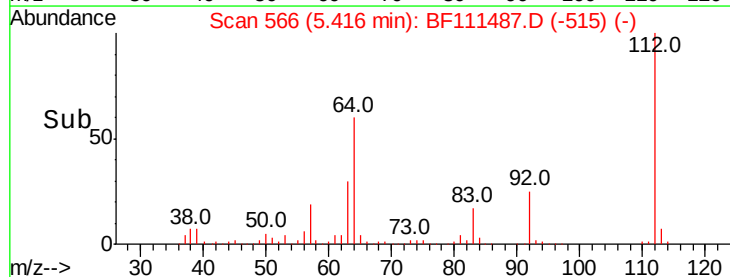
#5

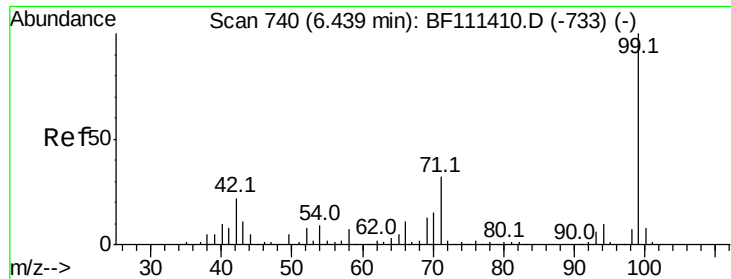
2-Fluorophenol
 Concen: 39.939 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111487.D
 Acq: 16 Dec 2018 1:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.8	77.6
63	29.5	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: 22.771 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111487.D

Acq: 16 Dec 2018 1:11

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-B

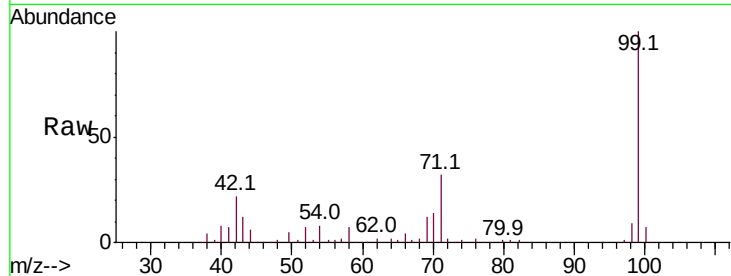
Tot Ion: 99 Resp: 269941

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

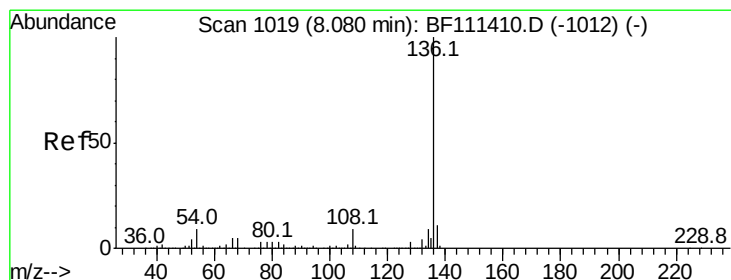
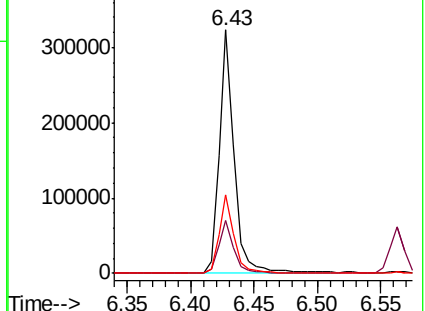
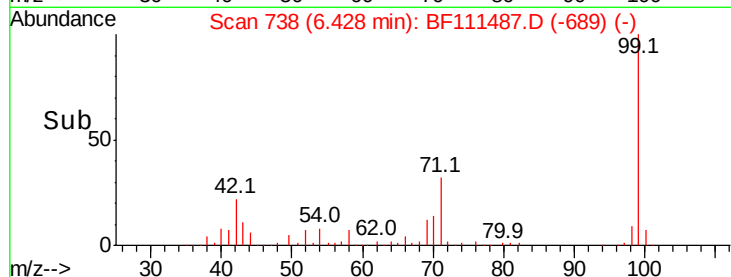
71 32.4 26.1 39.1



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: BF111487.D

Acq: 16 Dec 2018 1:11

Tgt Ion: 136 Resp: 521650

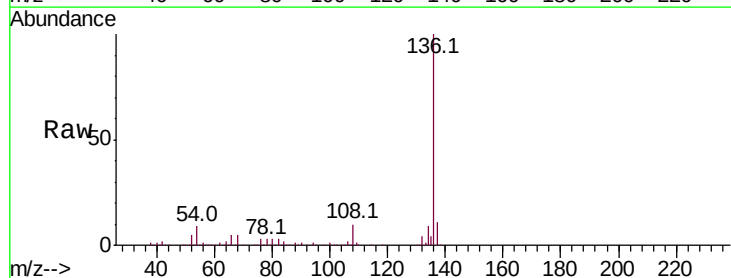
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.7 11.5

68 4.9 4.9 7.3#

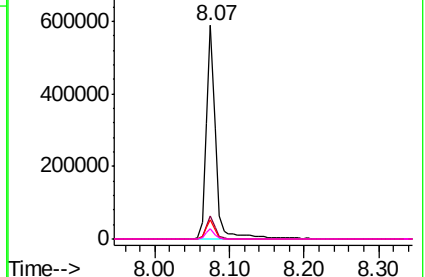
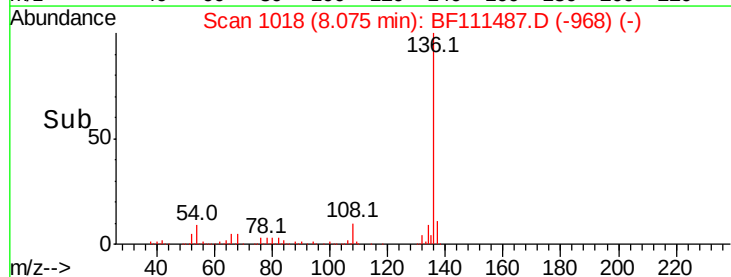


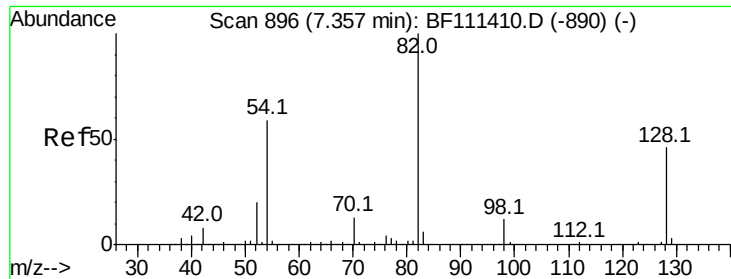
Abundance Ion 136.00 (135.70 to 136.70): E

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

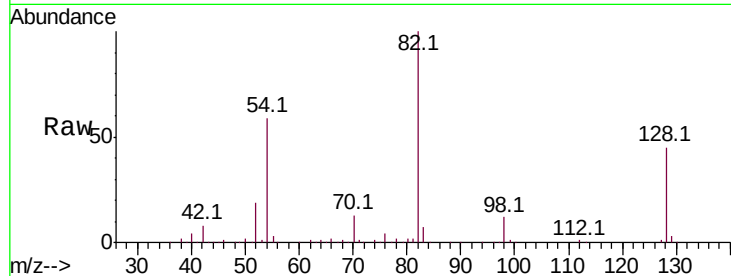




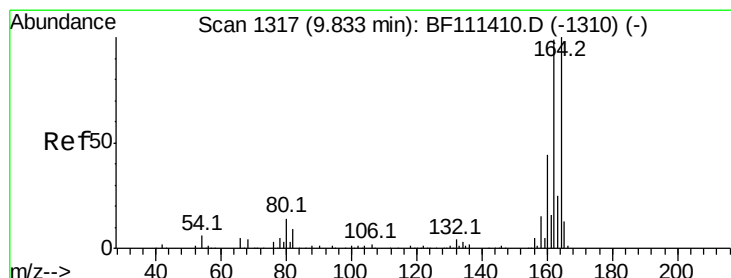
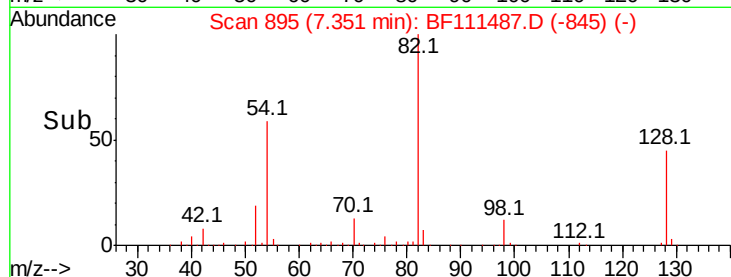
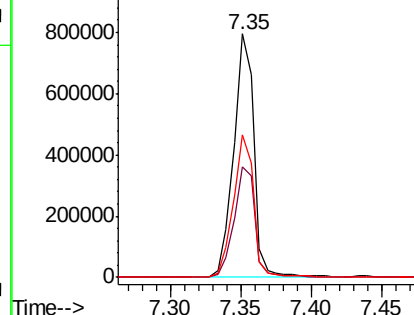
#23
Nitrobenzene-d5
Concen: 91.103 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

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

Tot Ion	82	Resp	798069
Ion Ratio	Lower	Upper	
82	100		
128	45.3	37.4	56.2
54	58.8	47.6	71.4

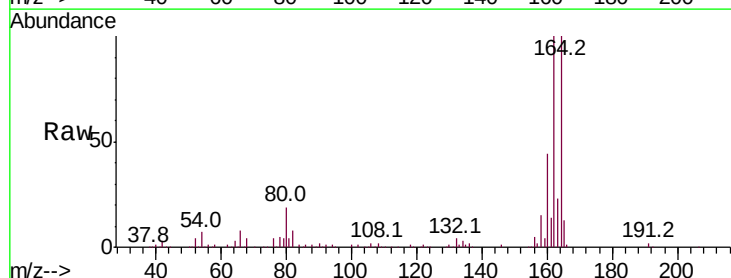


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

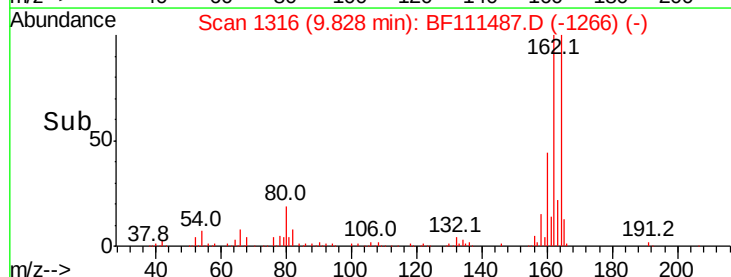
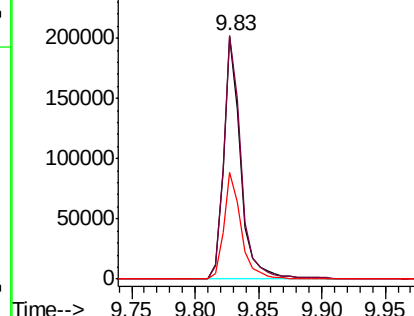


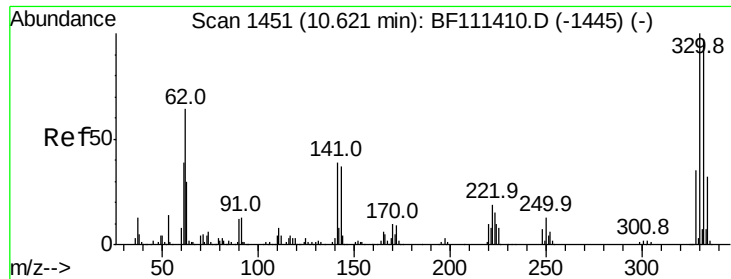
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion	164	Resp	189909
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.4	122.0
160	44.0	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

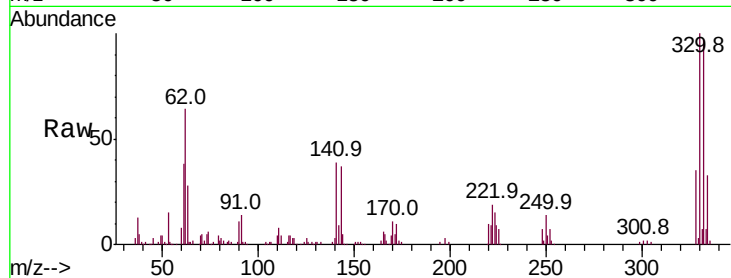




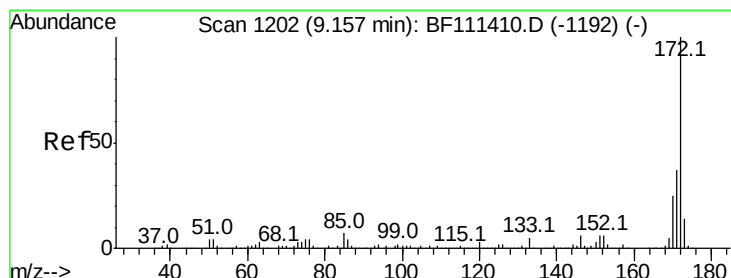
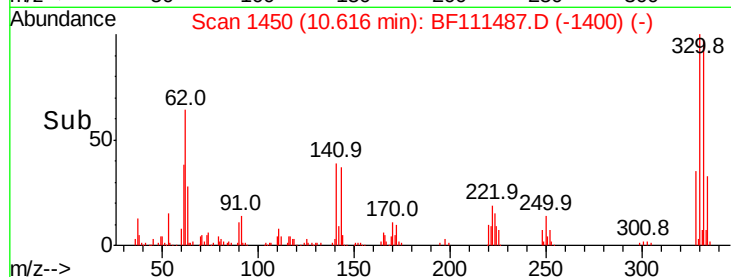
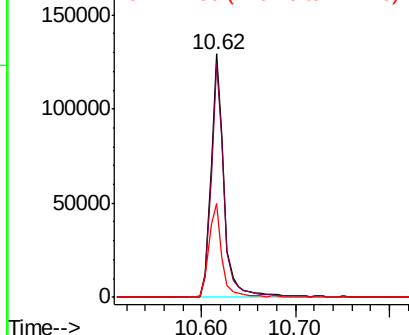
#42
 2,4,6-Tribromophenol
 Concen: 75.284 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111487.D
 Acq: 16 Dec 2018 1:11

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	38.0	31.0	46.6

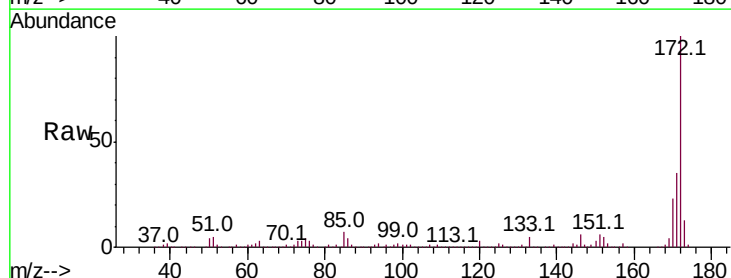


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

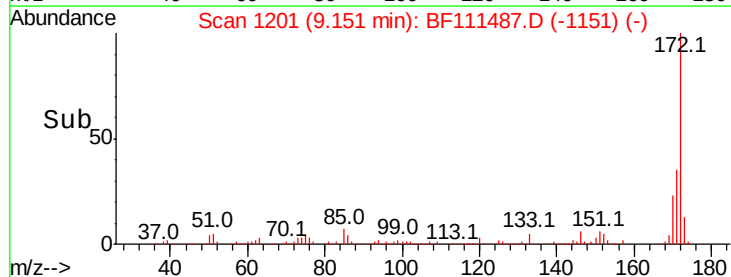
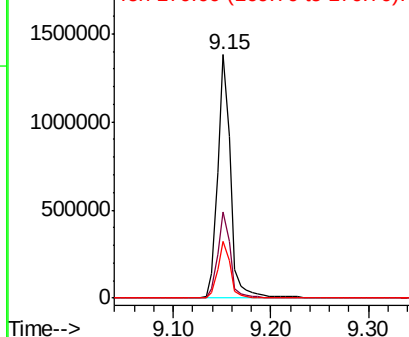


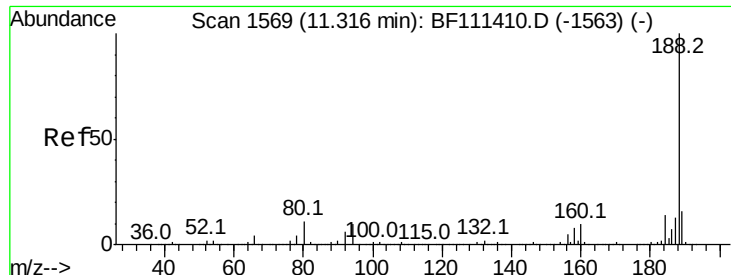
#45
 2-Fluorobiphenyl
 Concen: 103.449 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111487.D
 Acq: 16 Dec 2018 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.2	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: BF111487.D

Acq: 16 Dec 2018 1:11

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-U-B

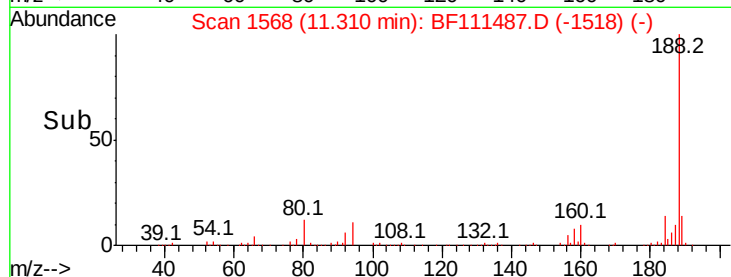
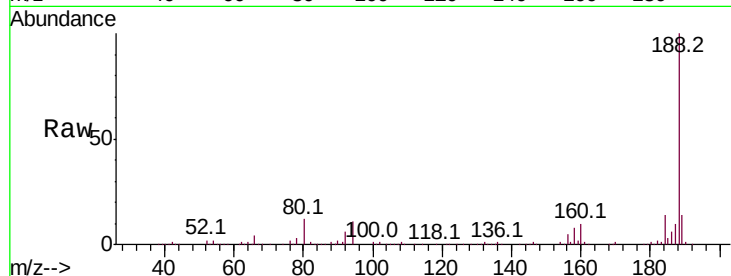
Tot Ion:188 Resp: 308907

Ion Ratio Lower Upper

188 100

94 10.8 9.6 14.4

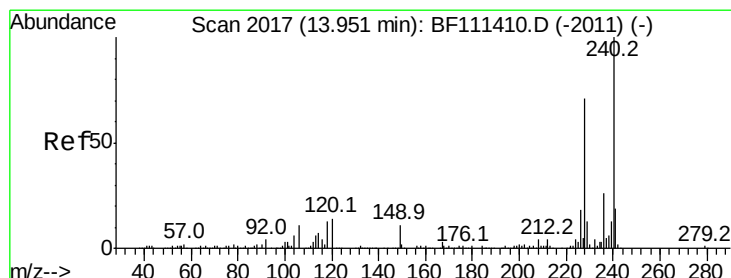
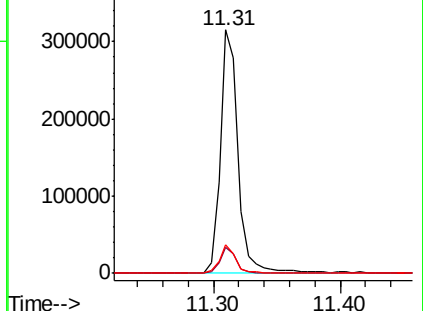
80 11.6 9.8 14.6



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: BF111487.D

Acq: 16 Dec 2018 1:11

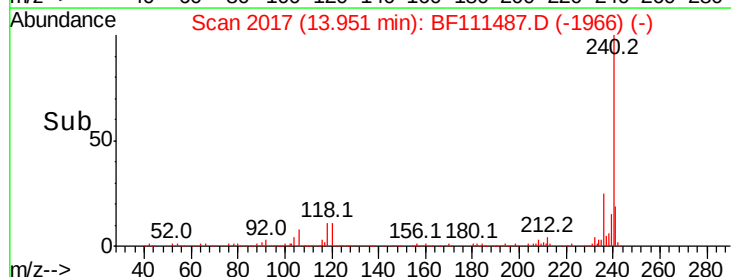
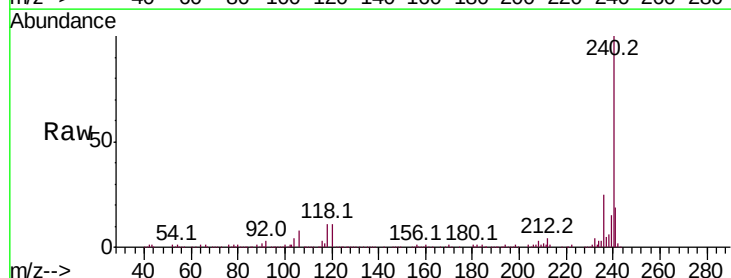
Tgt Ion:240 Resp: 306699

Ion Ratio Lower Upper

240 100

120 11.5 12.2 18.2#

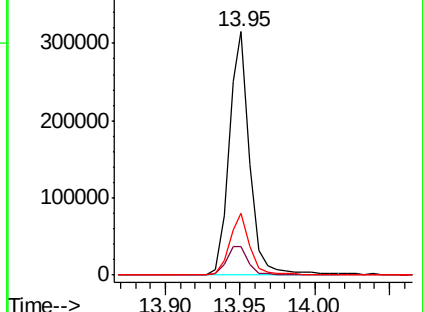
236 25.5 20.2 30.2

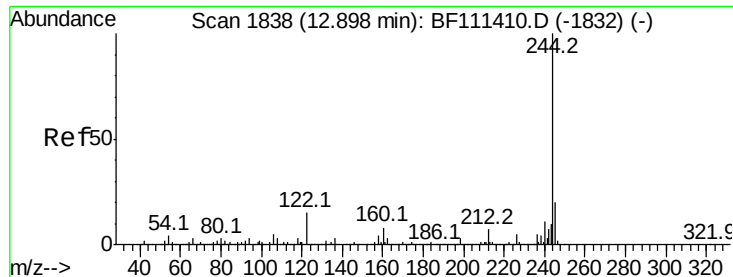


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.686 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111487.D

Acq: 16 Dec 2018 1:11

Instrument :

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ClientSampleId :

121018-JETT-F-U-B

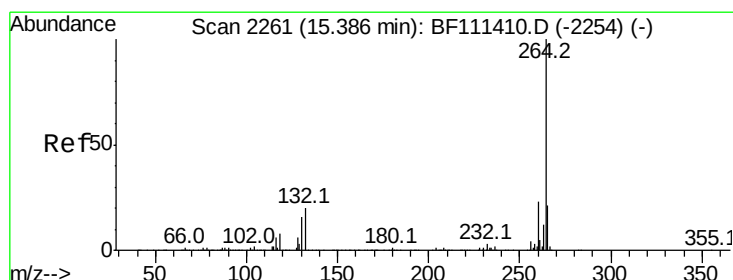
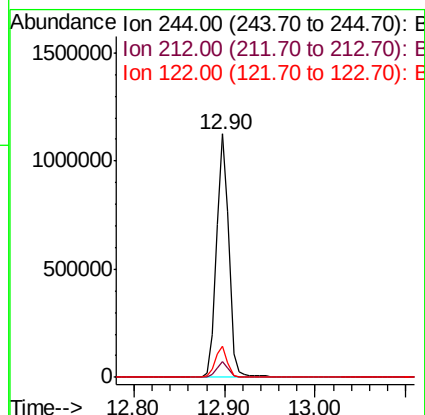
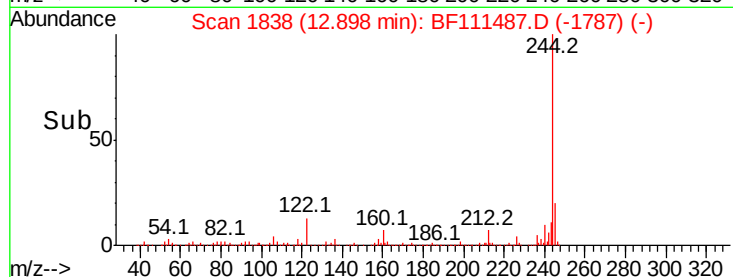
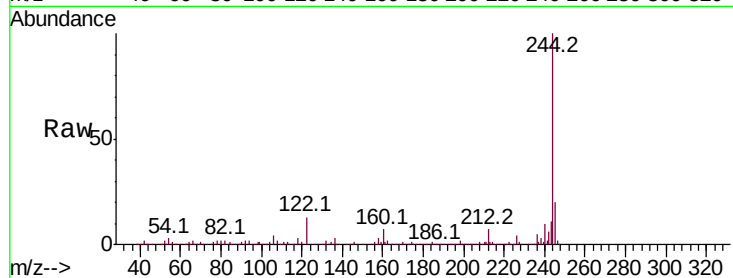
Tot Ion:244 Resp: 1066892

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 12.9 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111487.D

Acq: 16 Dec 2018 1:11

Tgt Ion:264 Resp: 210942

Ion Ratio Lower Upper

264 100

260 20.3 18.3 27.5

265 22.1 17.7 26.5

