

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111357.D
 Acq On : 13 Dec 2018 8:27
 Operator : JU/SJ
 Sample : J6328-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Dec 13 09:57:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	207817	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	785696	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	320112	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	528864	20.00	ng	0.00
76) Chrysene-d12	13.95	240	371079	20.00	ng	0.00
87) Perylene-d12	15.39	264	288936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	458920	37.34	ng	0.00
7) Phenol-d6	6.42	99	396353	23.92	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1192118	85.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	199835	70.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2050410	102.84	ng	0.00
79) Terphenyl-d14	12.90	244	1548092	91.82	ng	0.00

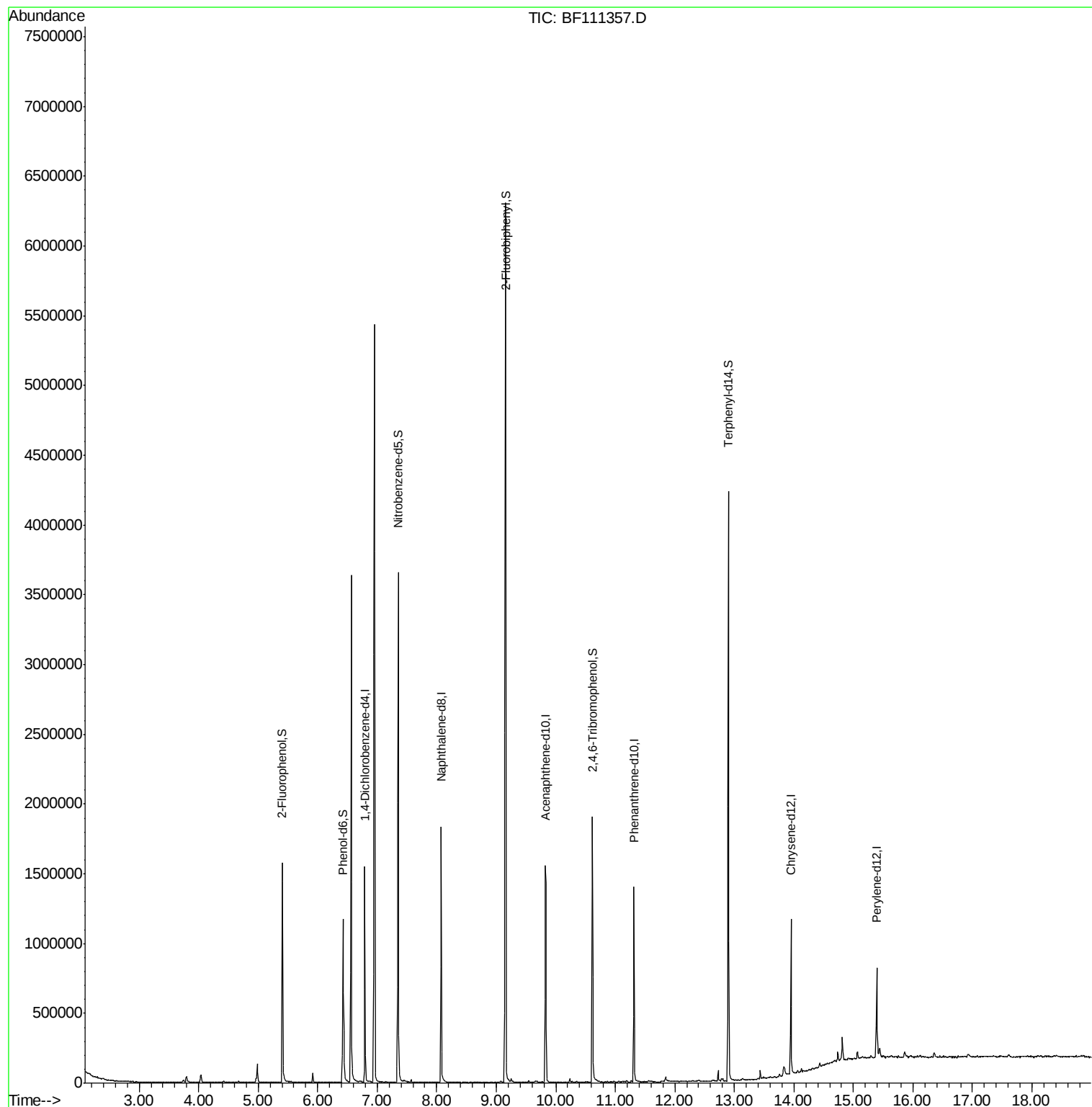
Target Compounds Qvalue

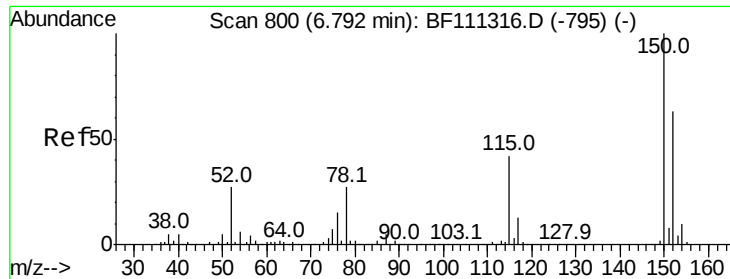
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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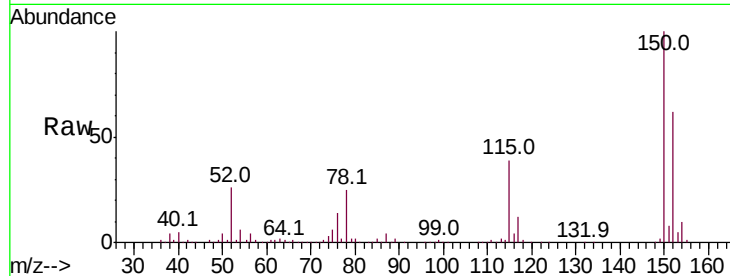


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.6	189.8
115	63.1	50.7	76.1

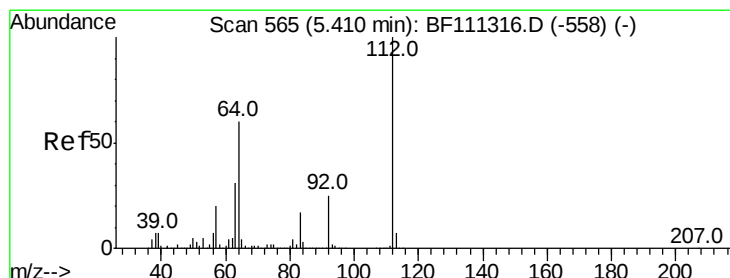
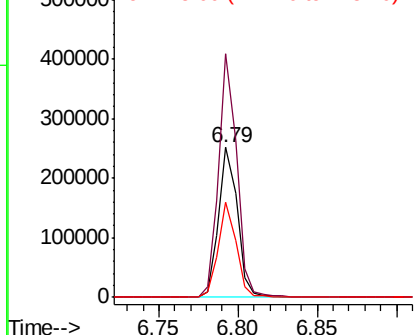
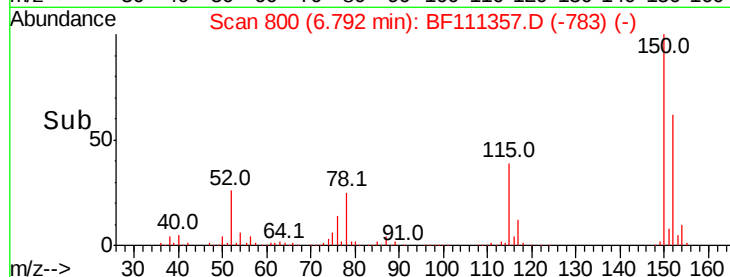


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

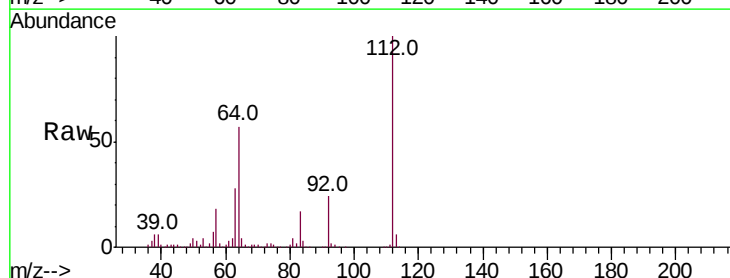
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.343 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	51.8	77.6
63	28.2	26.8	40.2

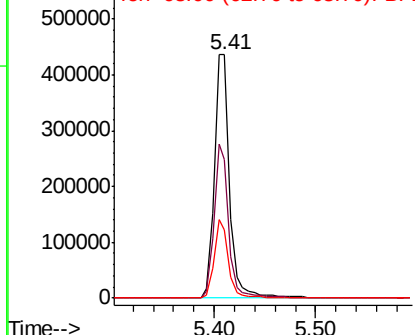
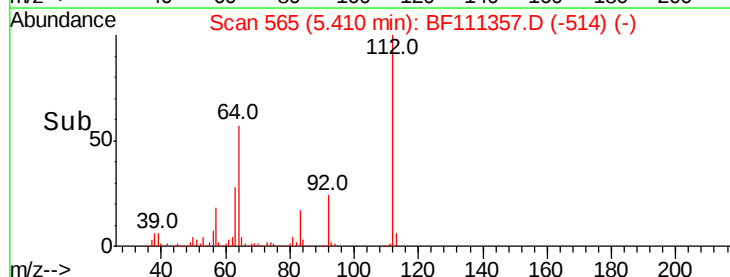


Abundance

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: 23.921 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111357.D

Acq: 13 Dec 2018 8:27

Instrument :

BNA_F

ClientSampleId :

120718-JETT-F-D-B

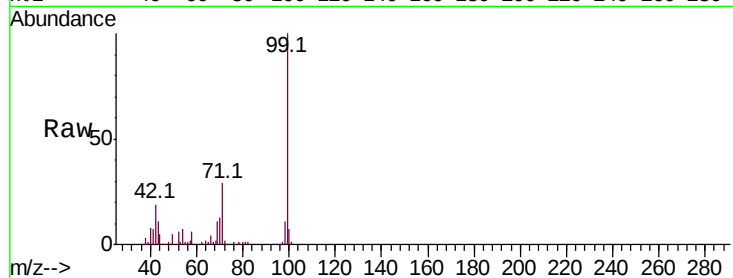
Tot Ion: 99 Resp: 396353

Ion Ratio Lower Upper

99 100

42 19.1 17.4 26.0

71 28.8 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

500000

400000

300000

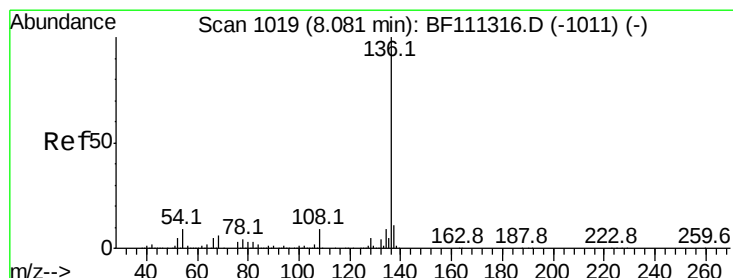
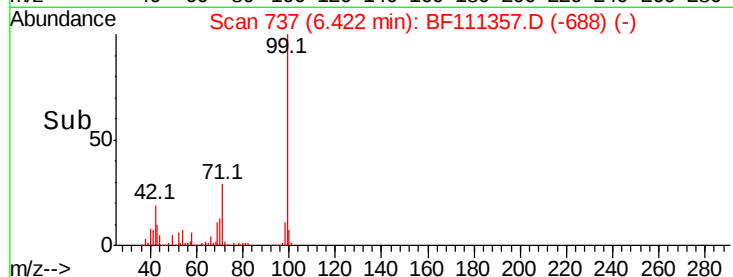
200000

100000

0

6.35 6.40 6.45 6.50 6.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111357.D

Acq: 13 Dec 2018 8:27

Tgt Ion: 136 Resp: 785696

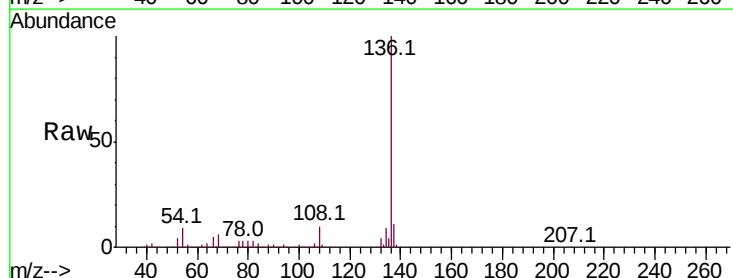
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.9 7.7 11.5

68 6.3 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

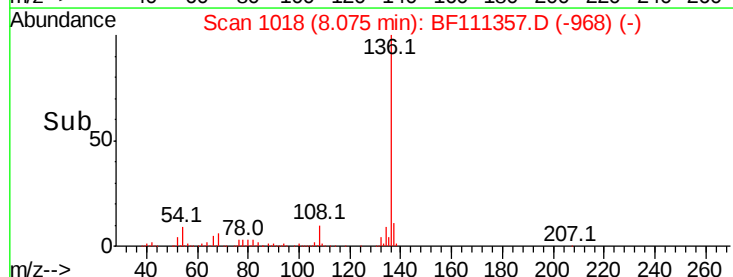
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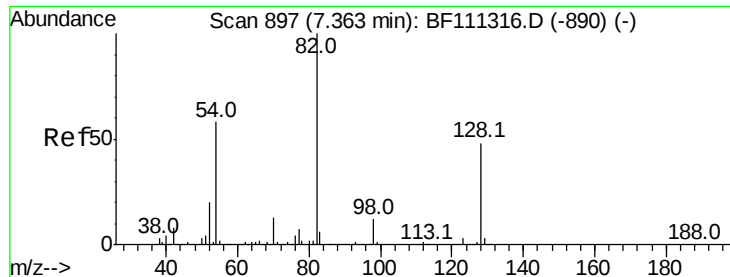
500000

0

8.00 8.10 8.20

Time-->

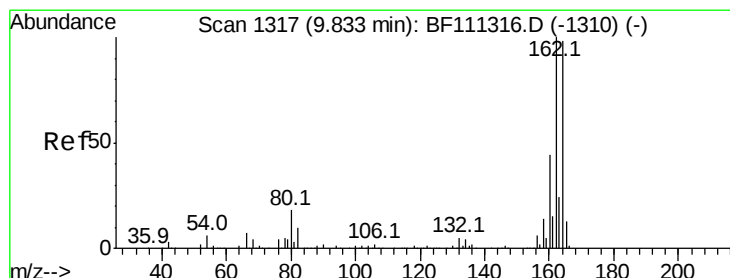
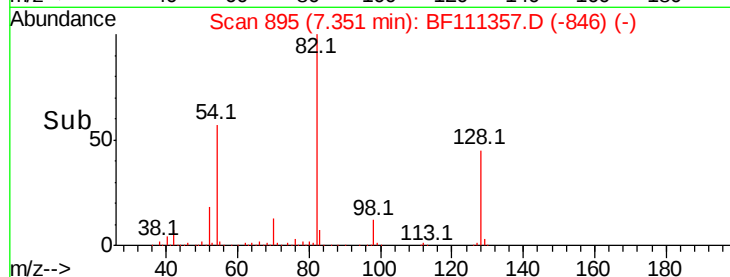
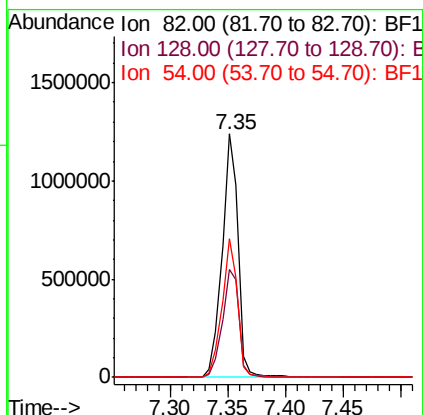
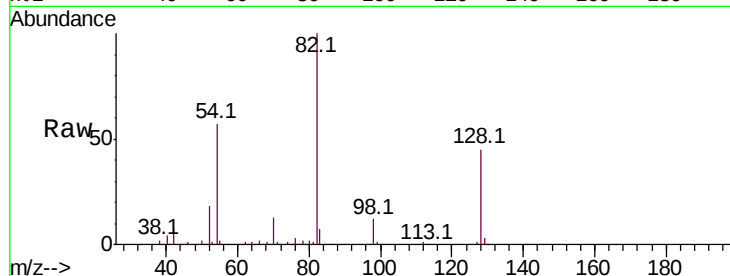




#23
Nitrobenzene-d5
Concen: 85.519 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

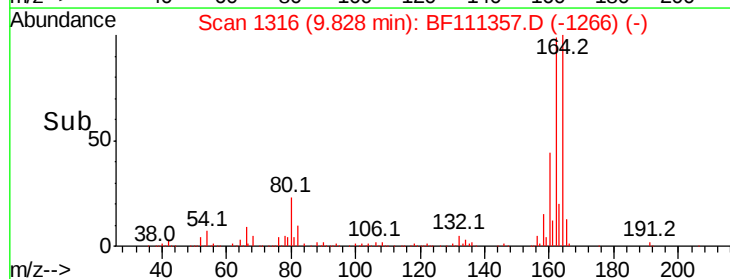
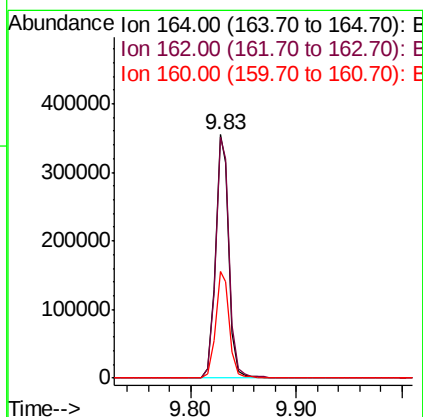
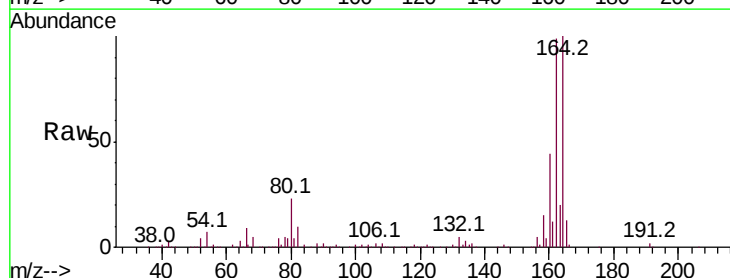
Instrument :
BNA_F
ClientSampleId :
120718-JETT-F-D-B

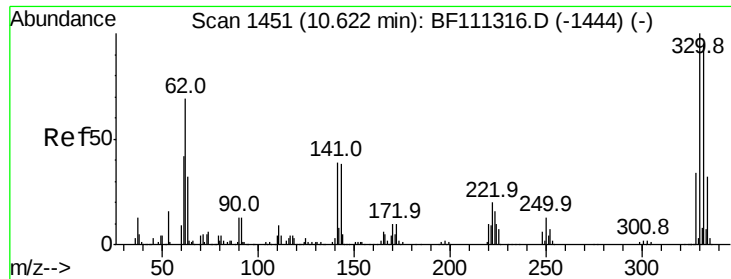
Tot Ion: 82 Resp: 1192118
Ion Ratio Lower Upper
82 100
128 44.5 37.4 56.2
54 56.9 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:164 Resp: 320112
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 43.6 35.7 53.5

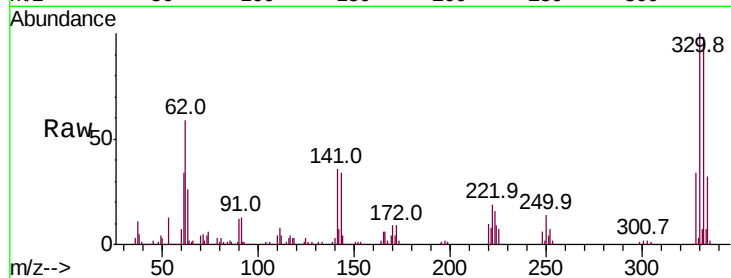




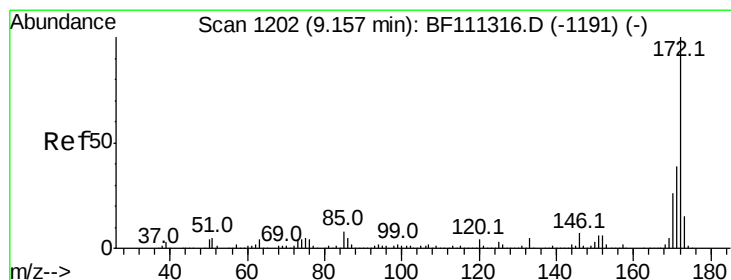
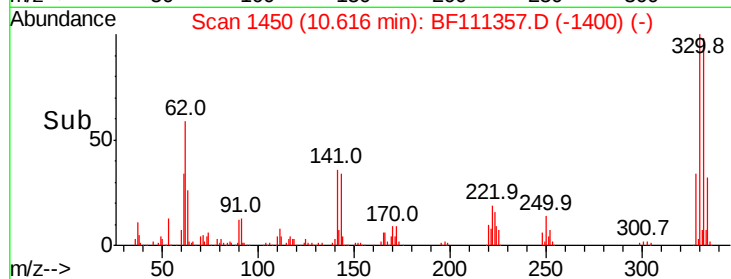
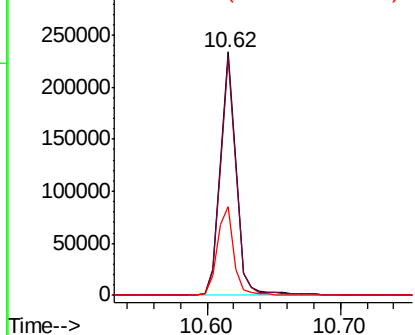
#42
 2,4,6-Tribromophenol
 Concen: 70.818 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111357.D
 Acq: 13 Dec 2018 8:27

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	37.6	31.0	46.6

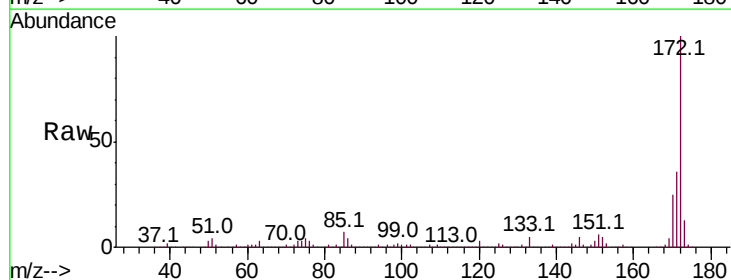


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

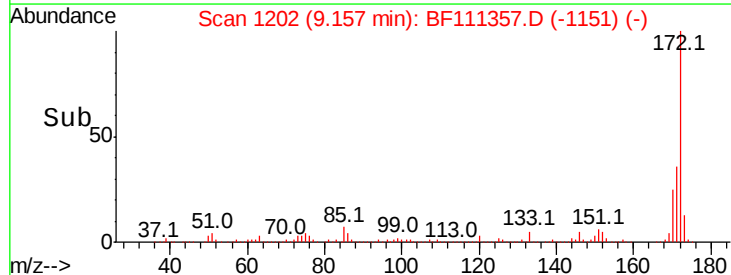
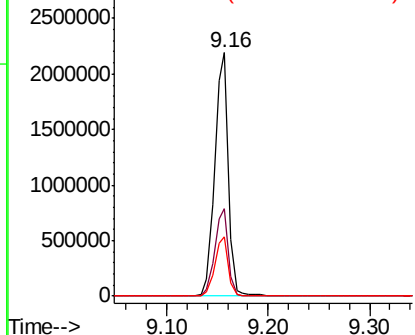


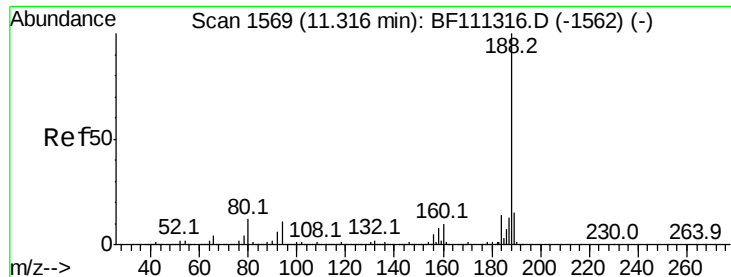
#45
 2-Fluorobiphenyl
 Concen: 102.836 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111357.D
 Acq: 13 Dec 2018 8:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.6	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

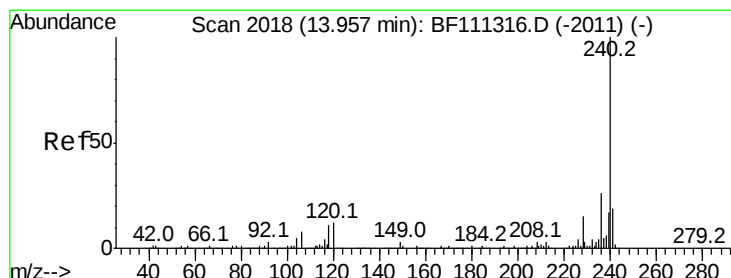
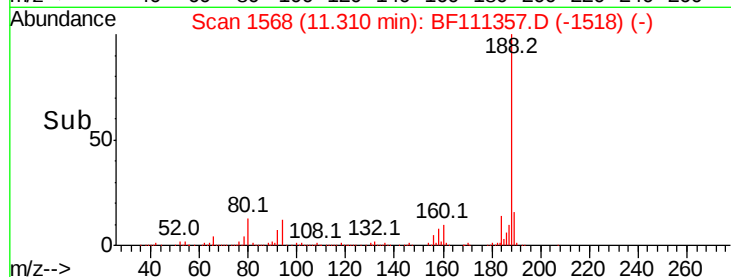
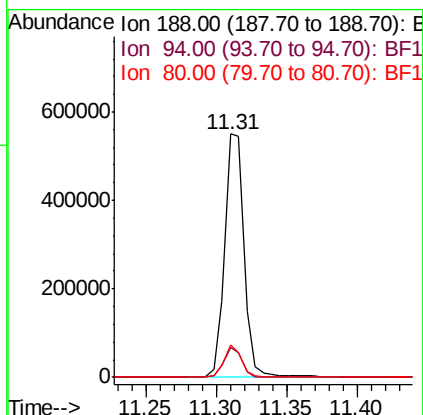
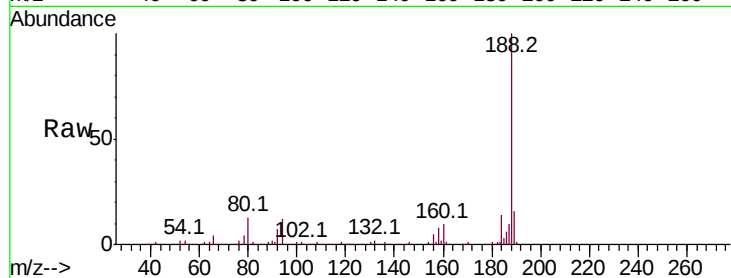




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

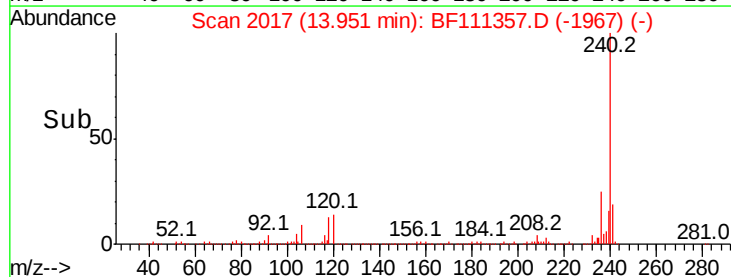
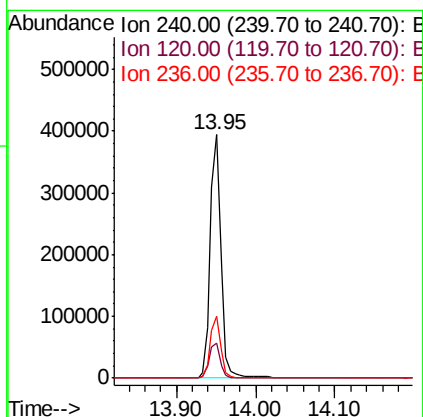
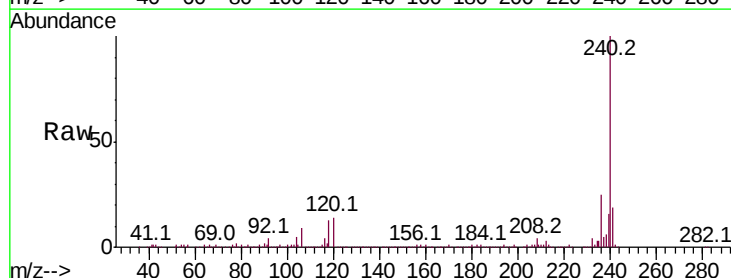
Instrument :
BNA_F
ClientSampleId :
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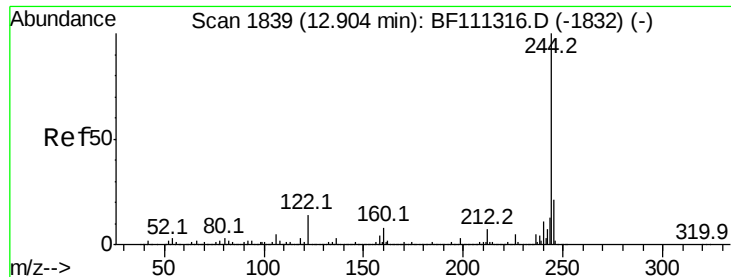
Tot Ion:188 Resp: 528864
Ion Ratio Lower Upper
188 100
94 12.3 9.6 14.4
80 13.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:240 Resp: 371079
Ion Ratio Lower Upper
240 100
120 14.5 12.2 18.2
236 25.2 20.2 30.2



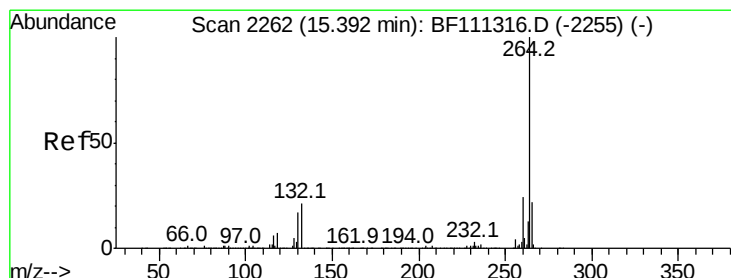
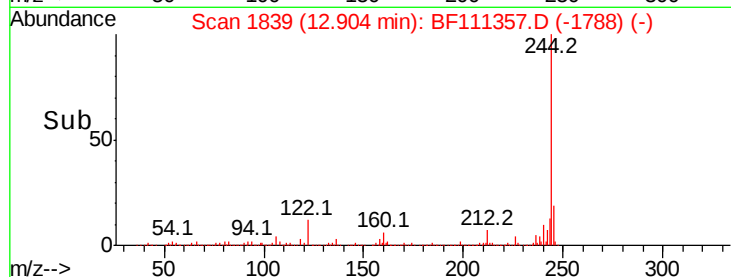
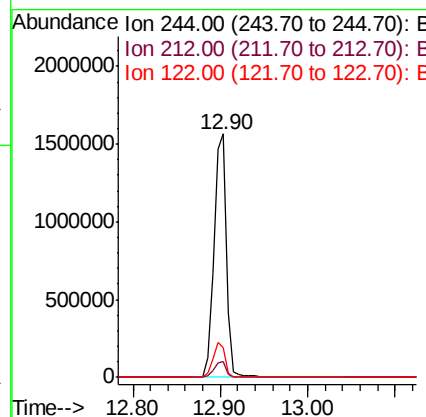
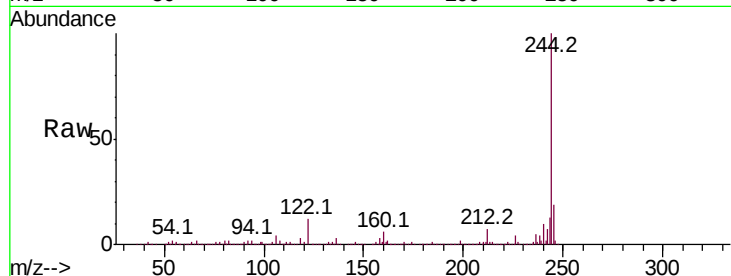


#79
 Terphenyl-d14
 Concen: 91.820 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111357.D
 Acq: 13 Dec 2018 8:27

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

Tot Ion:244 Resp: 1548092

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.5	13.1	19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BF111357.D
 Acq: 13 Dec 2018 8:27

Tgt Ion:264 Resp: 288936

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.7	17.7	26.5

