

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111503.D
 Acq On : 16 Dec 2018 8:51
 Operator : JU/SJ
 Sample : J6438-02 20X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23571

Quant Time: Dec 17 01:01:49 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

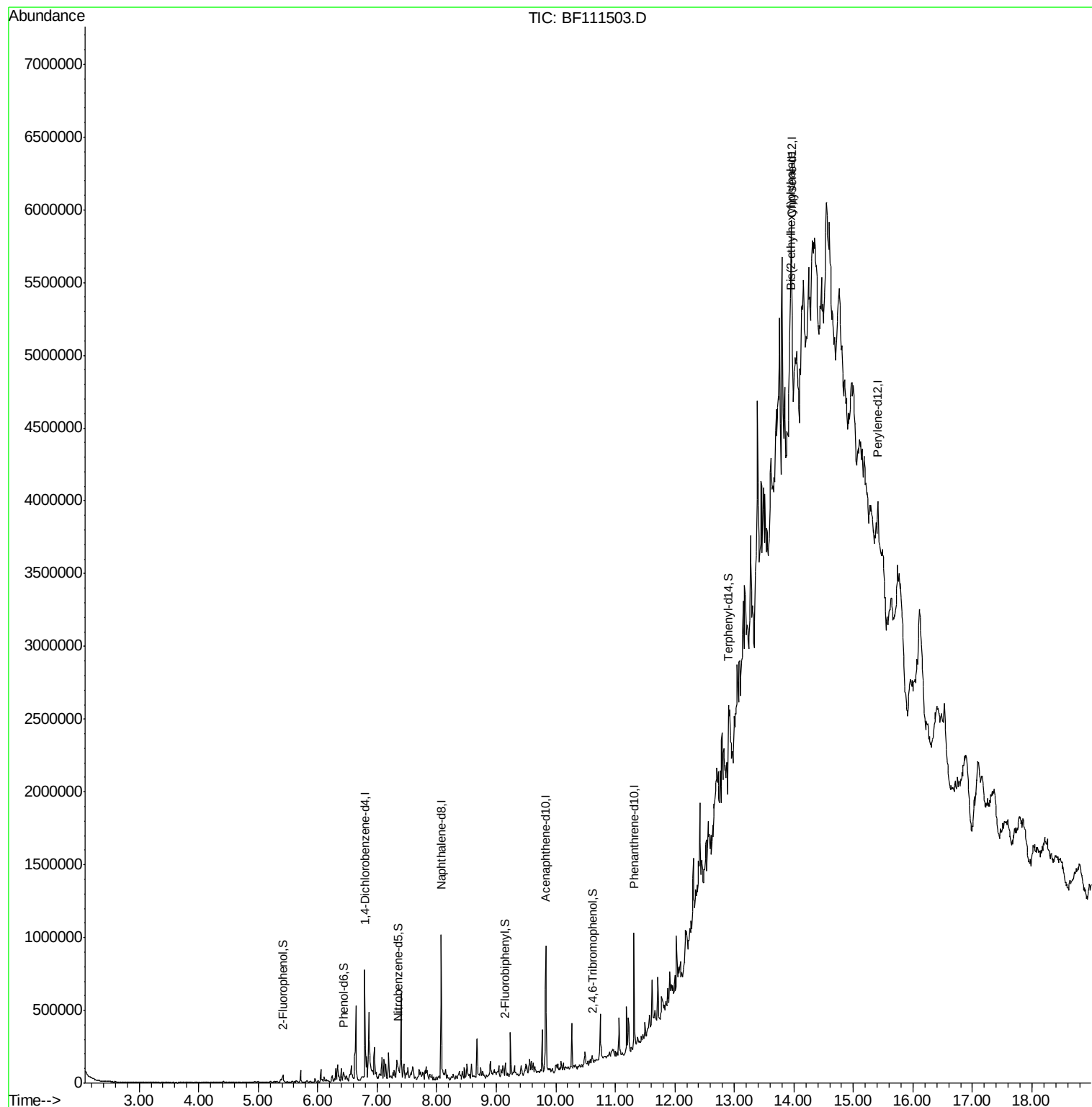
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117150	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	429883	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	163197	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	276218	20.00	ng	0.00
76) Chrysene-d12	13.96	240	230321	20.00	ng	0.01
87) Perylene-d12	15.41	264	153983	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	19569	2.78	ng	0.00
7) Phenol-d6	6.43	99	27679	2.96	ng	0.00
23) Nitrobenzene-d5	7.35	82	19433	2.69	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	3883	2.66	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	31194	2.95	ng	0.00
79) Terphenyl-d14	12.90	244	32495	3.31	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phthalate	13.94	149	291537	28.838	ng	99

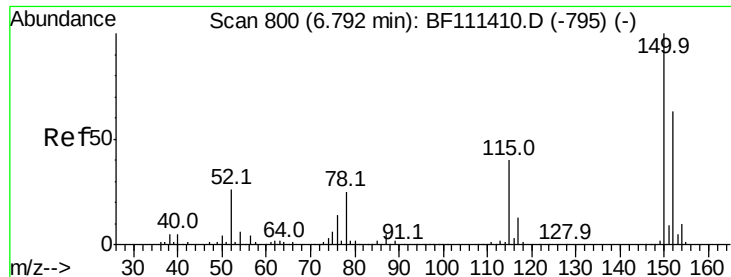
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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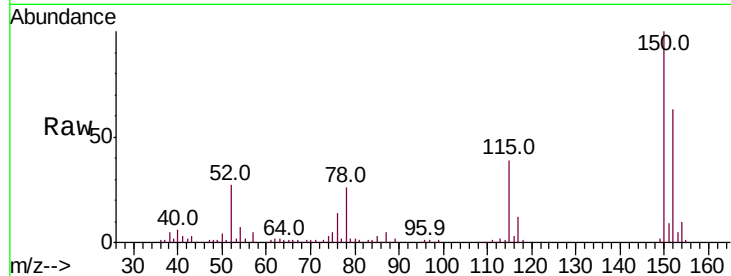


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111503.D
Acq: 16 Dec 2018 8:51

Instrument :
BNA_F
ClientSampleId :
23571

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	62.4	50.7	76.1

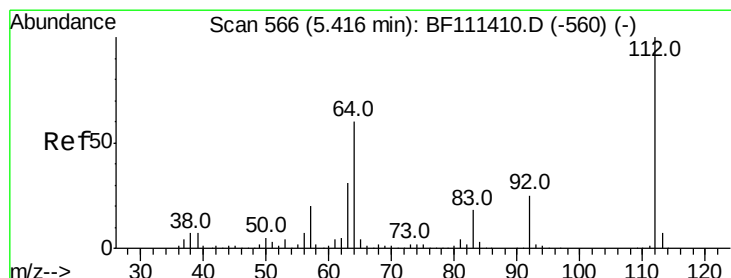
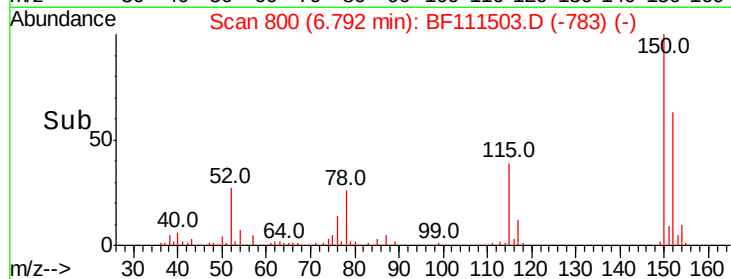
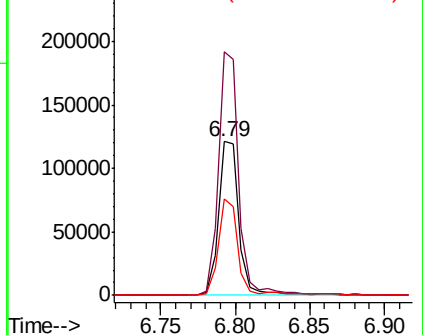


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

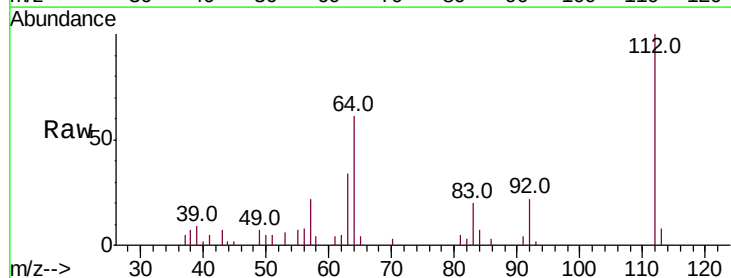
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.780 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111503.D
Acq: 16 Dec 2018 8:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	51.8	77.6
63	33.5	26.8	40.2

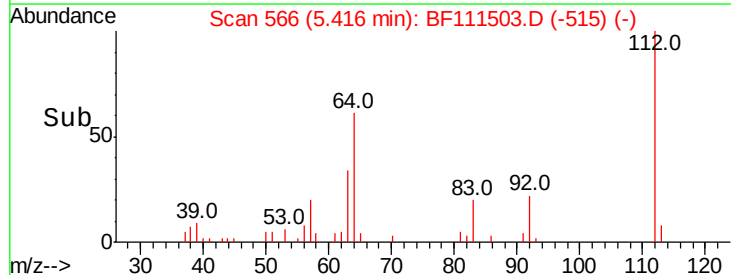
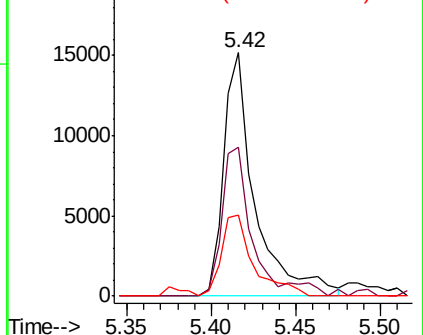


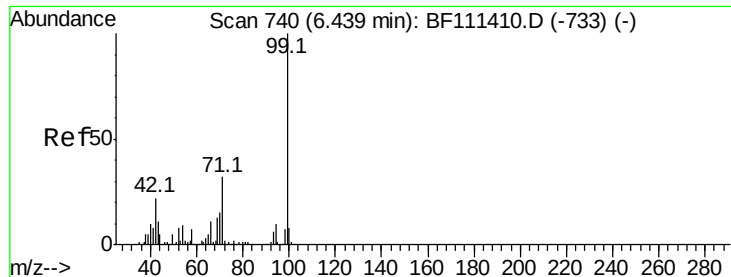
Abundance

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: 2.956 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111503.D

Acq: 16 Dec 2018 8:51

Instrument :

BNA_F

ClientSampleId :

23571

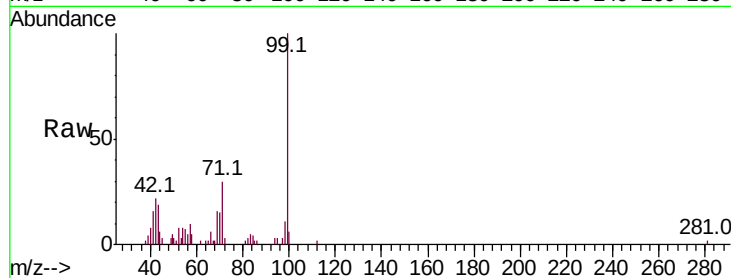
Tot Ion: 99 Resp: 27679

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

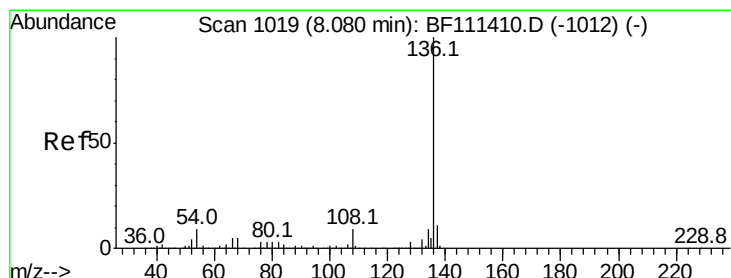
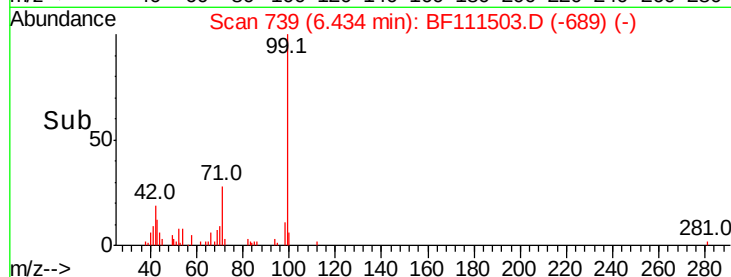
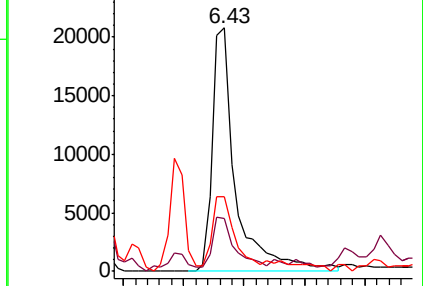
71 30.4 26.1 39.1



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: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111503.D

Acq: 16 Dec 2018 8:51

Tgt Ion: 136 Resp: 429883

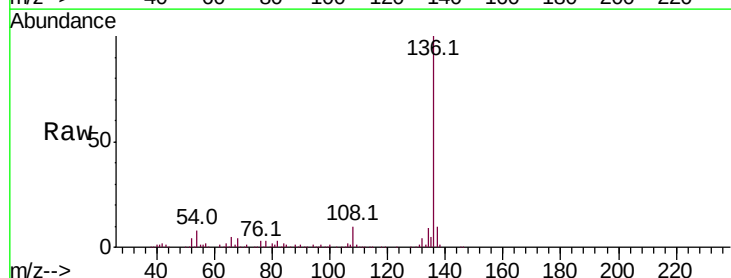
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.0 7.7 11.5

68 4.4 4.9 7.3#

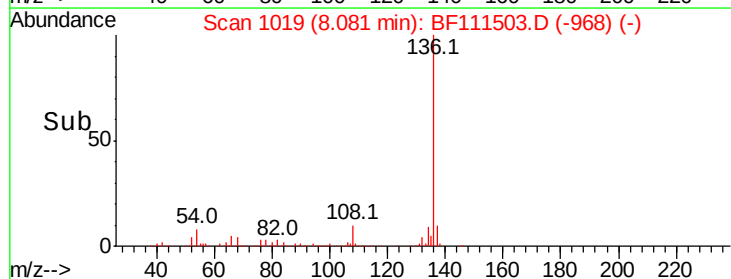
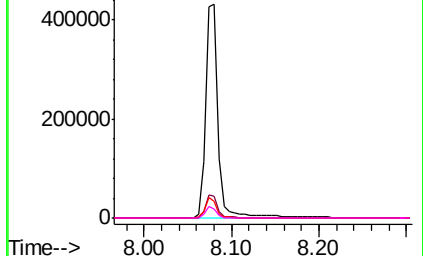


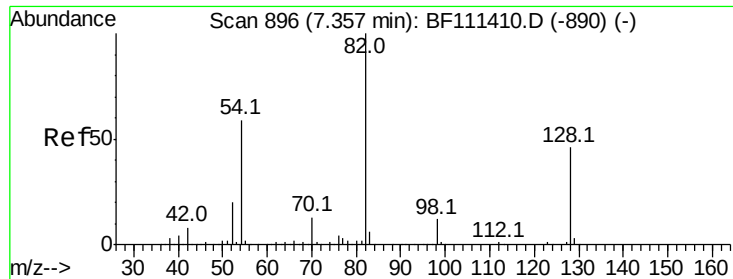
Abundance Ion 136.00 (135.70 to 136.70): E

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

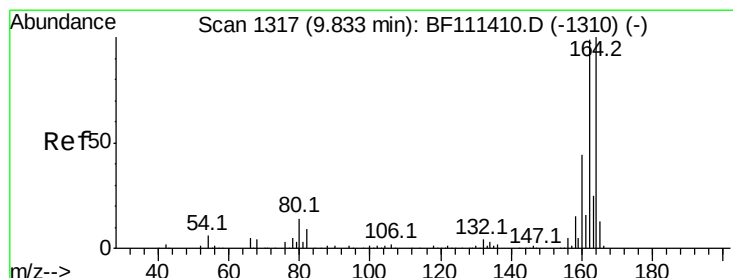
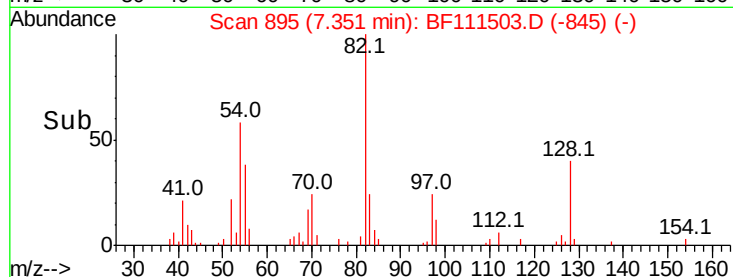
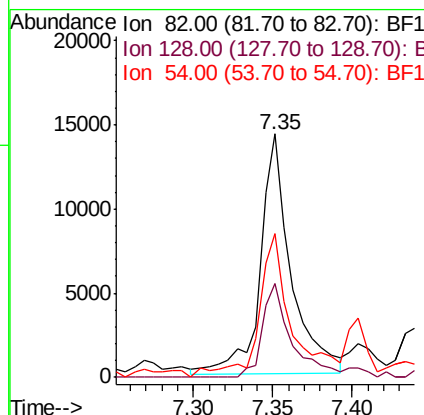
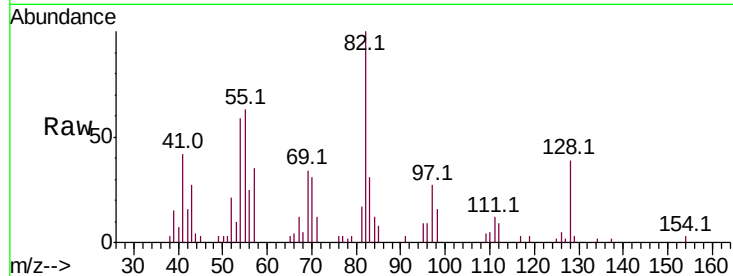




#23
 Nitrobenzene-d5
 Concen: 2.692 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111503.D
 Acq: 16 Dec 2018 8:51

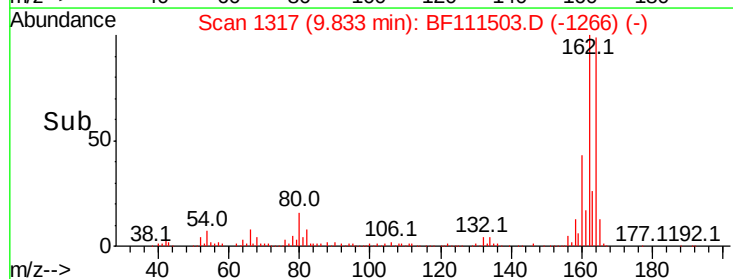
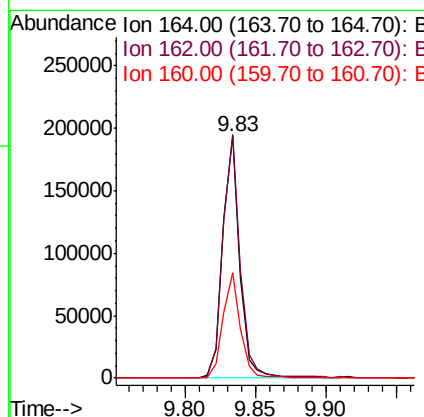
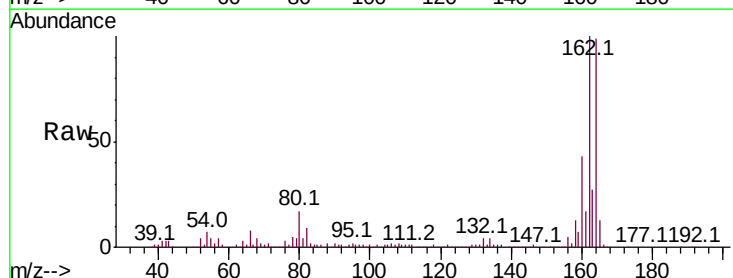
Instrument :
 BNA_F
 ClientSampleId :
 23571

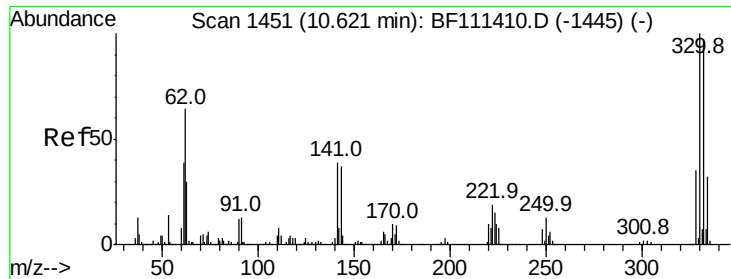
Tot Ion:	82	Resp:	19433
Ion	Ratio	Lower	Upper
82	100		
128	38.6	37.4	56.2
54	59.1	47.6	71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF111503.D
 Acq: 16 Dec 2018 8:51

Tgt Ion:	164	Resp:	163197
Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.0
160	43.3	35.7	53.5

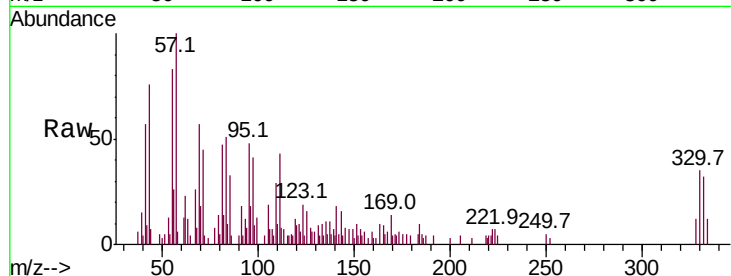




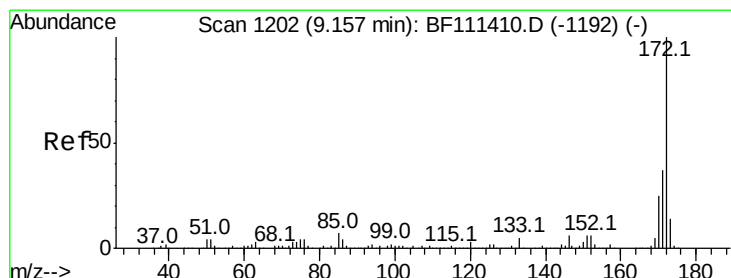
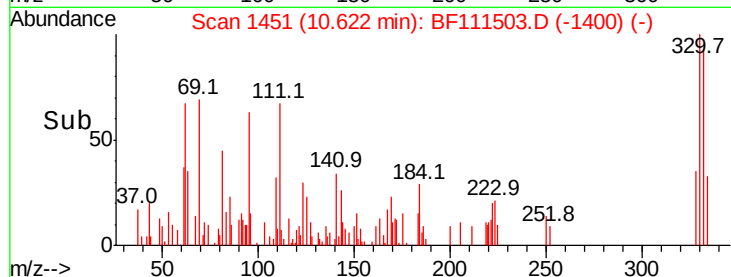
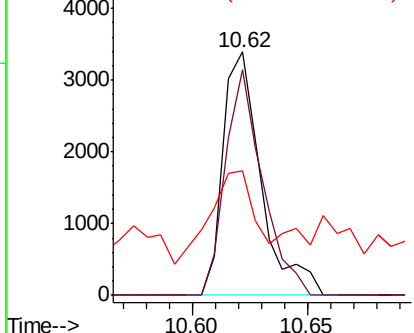
#42
 2,4,6-Tribromophenol
 Concen: 2.656 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF111503.D
 Acq: 16 Dec 2018 8:51

Instrument :
 BNA_F
 ClientSampleId :
 23571

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.4	76.0	114.0
141	48.8	31.0	46.6#

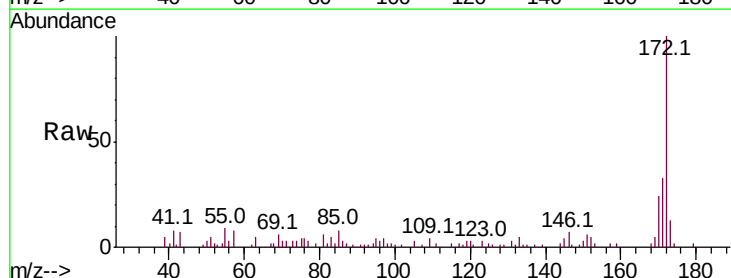


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

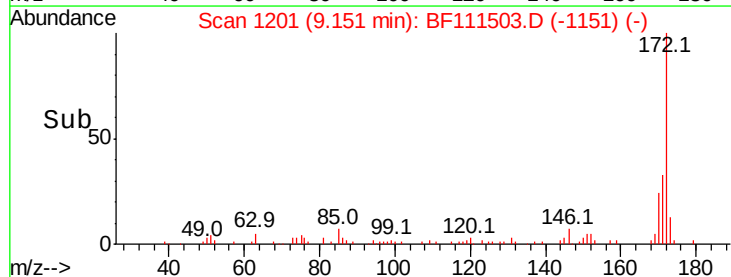
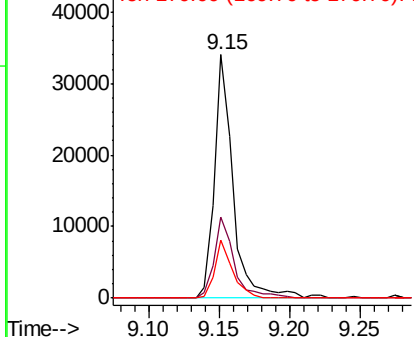


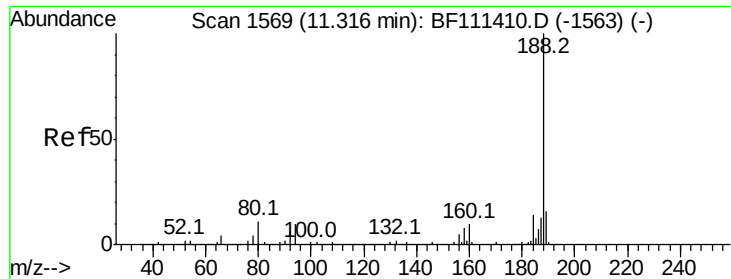
#45
 2-Fluorobiphenyl
 Concen: 2.952 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111503.D
 Acq: 16 Dec 2018 8:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	33.0	49.4
170	23.8	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: BF111503.D

Acq: 16 Dec 2018 8:51

Instrument :

BNA_F

ClientSampleId :

23571

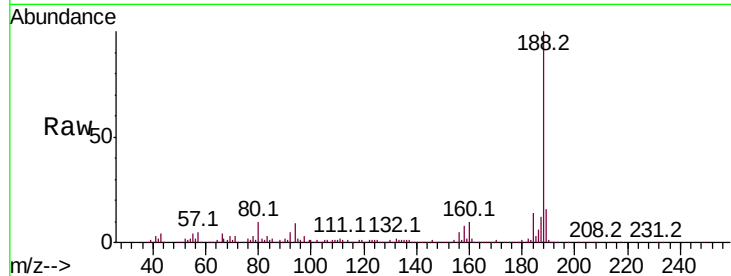
Tot Ion:188 Resp: 276218

Ion Ratio Lower Upper

188 100

94 8.9 9.6 14.4#

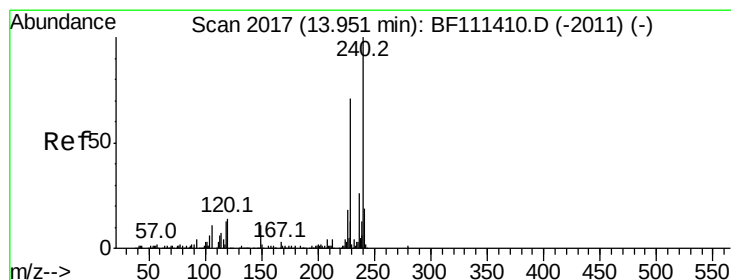
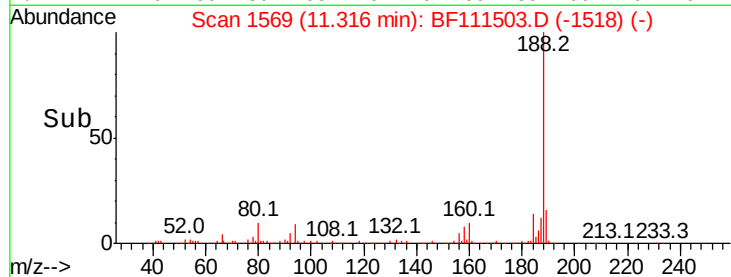
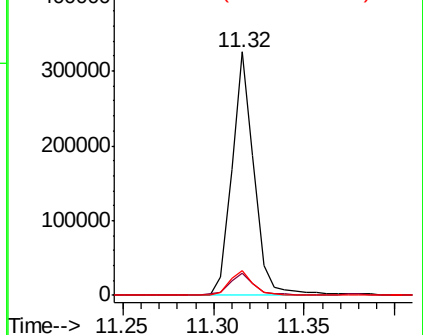
80 10.1 9.8 14.6



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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111503.D

Acq: 16 Dec 2018 8:51

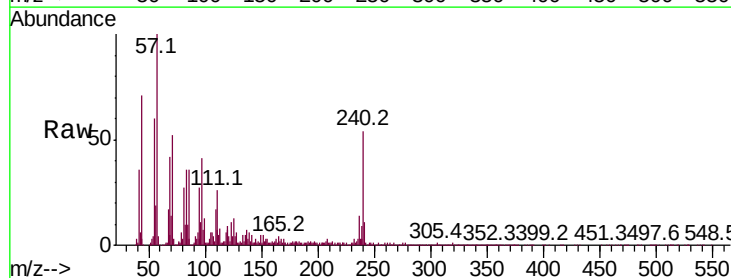
Tgt Ion:240 Resp: 230321

Ion Ratio Lower Upper

240 100

120 16.3 12.2 18.2

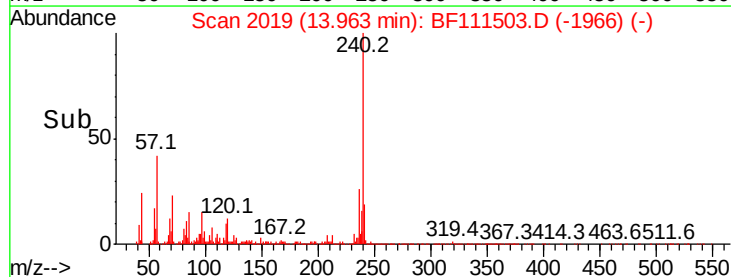
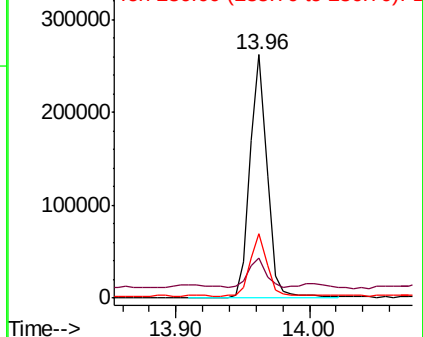
236 26.3 20.2 30.2

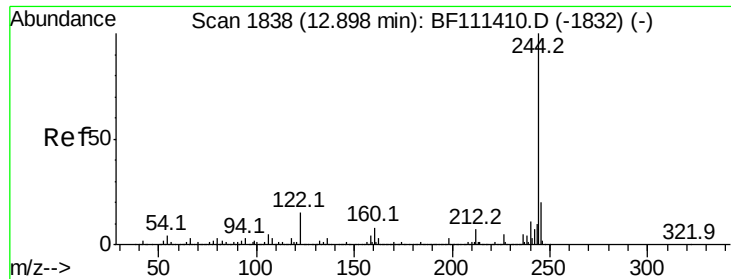


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 3.313 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111503.D

Acq: 16 Dec 2018 8:51

Instrument :

BNA_F

ClientSampleId :

23571

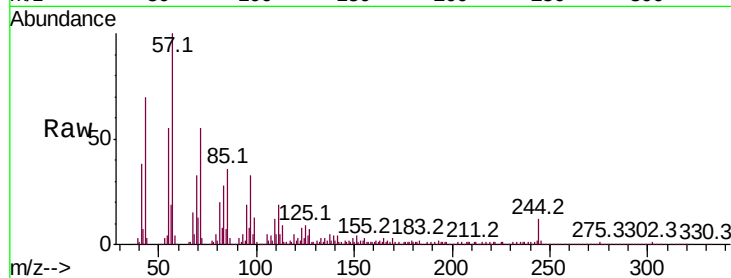
Tot Ion:244 Resp: 32495

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

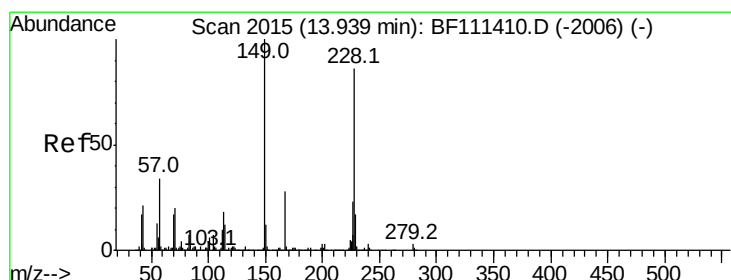
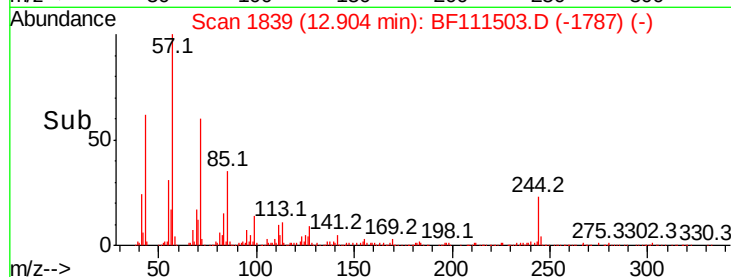
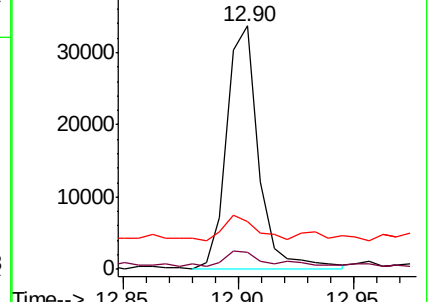
122 19.4 13.1 19.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.838 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF111503.D

Acq: 16 Dec 2018 8:51

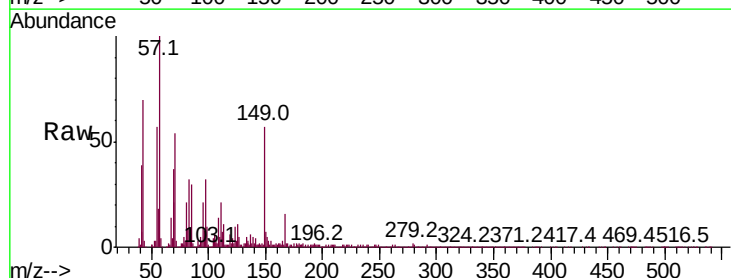
Tgt Ion:149 Resp: 291537

Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

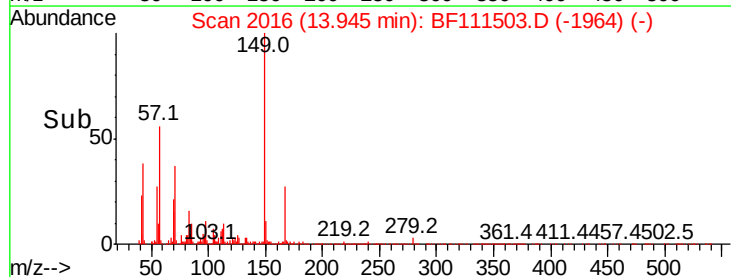
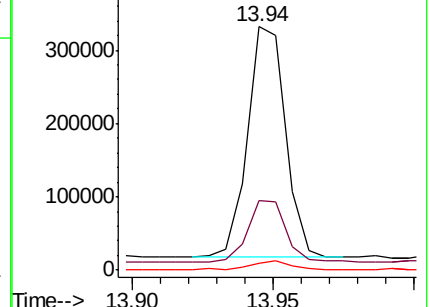
279 2.8 2.6 4.0

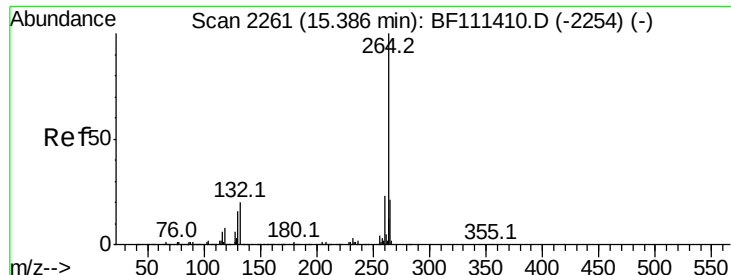


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF111503.D
Acq: 16 Dec 2018 8:51

Instrument :
BNA_F
ClientSampleId :
23571

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	23.6	17.7	26.5

