

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111894.D
 Acq On : 7 Jan 2019 23:20
 Operator : JU/SJ
 Sample : K1036-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13-R

Quant Time: Jan 08 06:38:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

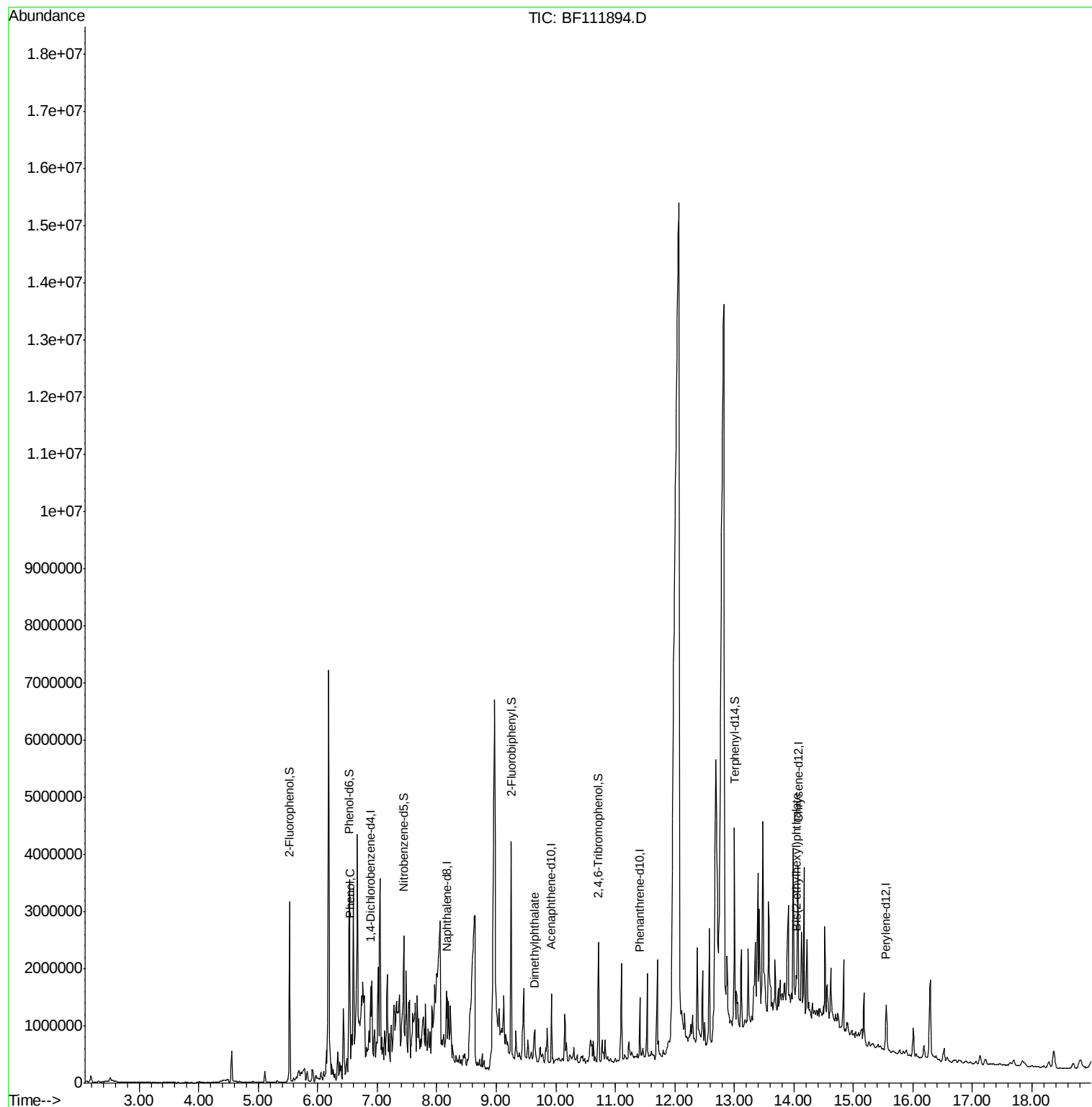
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	140137	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	464744	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	222932	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	401250	20.00	ng	0.00
76) Chrysene-d12	14.06	240	442786	20.00	ng	0.00
87) Perylene-d12	15.54	264	325861	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	844468	103.09	ng	0.00
7) Phenol-d6	6.53	99	1037819	98.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	666080	76.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	257159	88.69	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1190102	77.84	ng	0.00
79) Terphenyl-d14	13.00	244	1231209	52.78	ng	0.00
Target Compounds						
10) Phenol	6.55	94	46439	4.047	ng	Qvalue # 75
50) Dimethylphthalate	9.64	163	99912	5.966	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	51033	3.017	ng	100

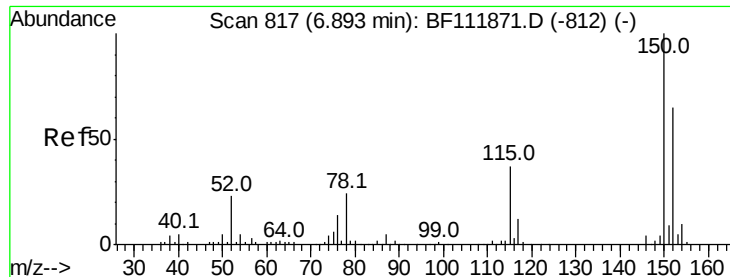
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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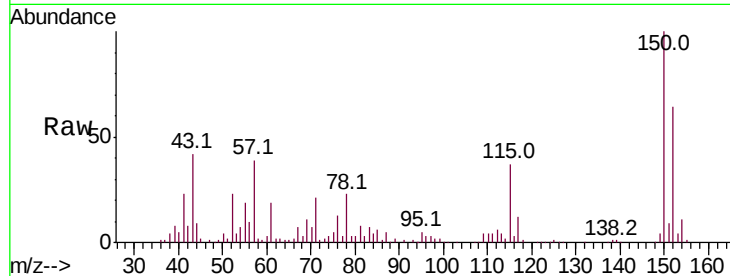


#1

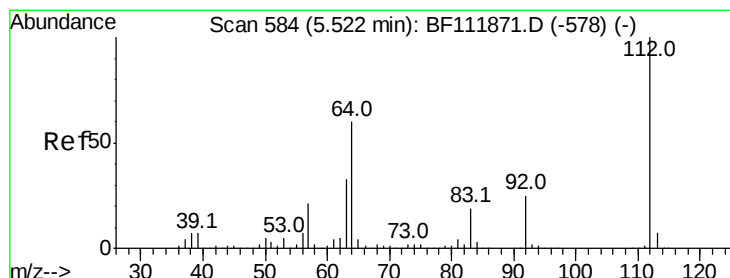
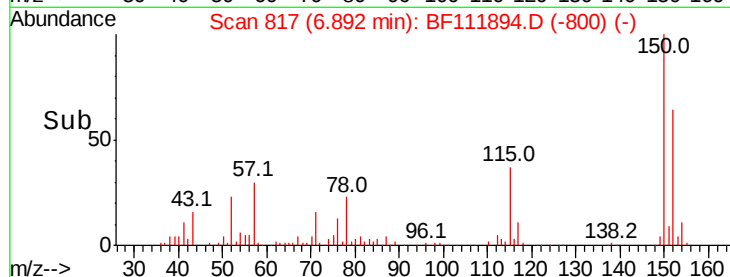
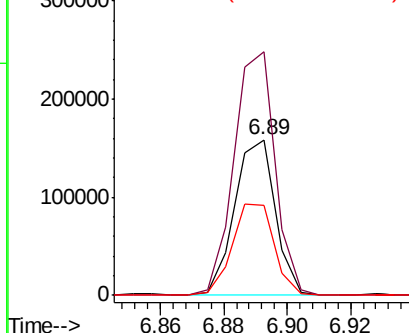
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111894.D
Acq: 7 Jan 2019 23:20

Instrument :
BNA_F
ClientSampleId :
13-R

Tot Ion:152 Resp: 140137
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 57.8 45.2 67.8



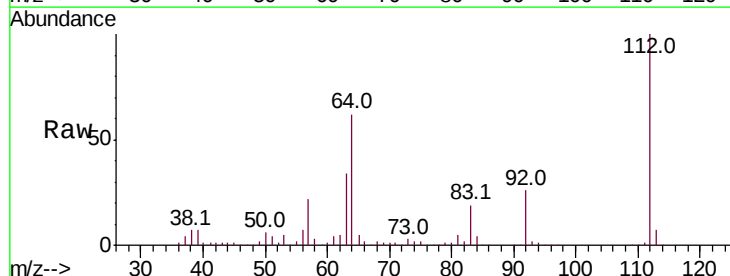
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



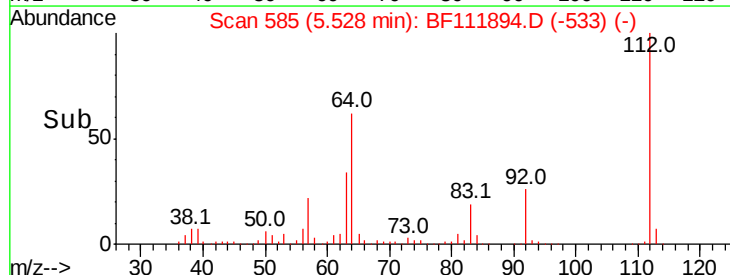
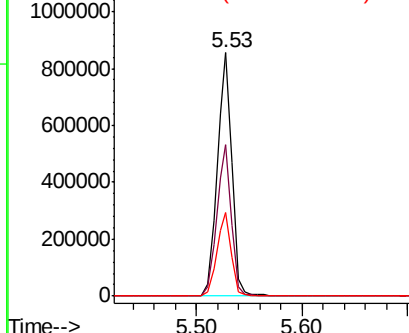
#5

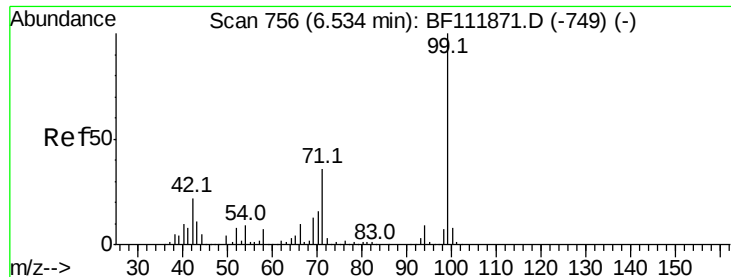
2-Fluorophenol
Concen: 103.094 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111894.D
Acq: 7 Jan 2019 23:20

Tgt Ion:112 Resp: 844468
Ion Ratio Lower Upper
112 100
64 62.2 48.3 72.5
63 34.4 26.1 39.1



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: 98.301 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111894.D

Acq: 7 Jan 2019 23:20

Instrument :

BNA_F

ClientSampled :

13-R

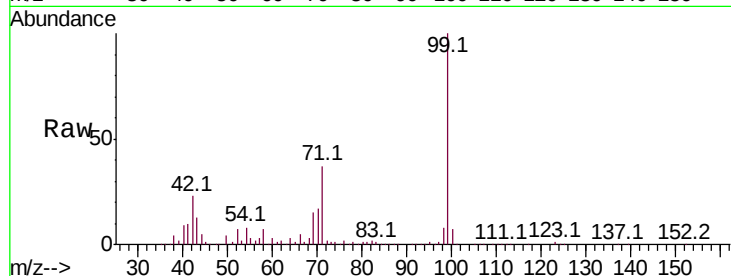
Tot Ion: 99 Resp: 1037819

Ion Ratio Lower Upper

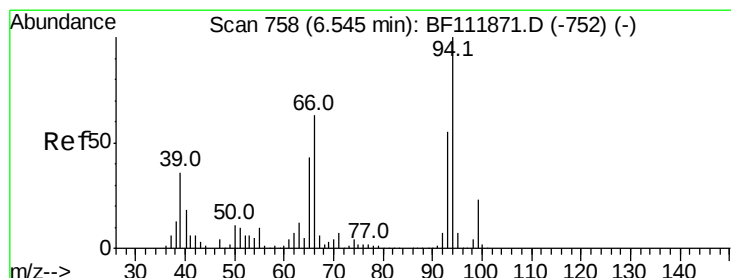
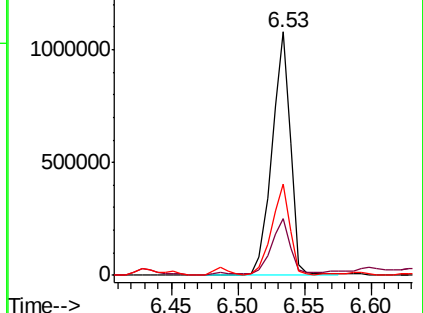
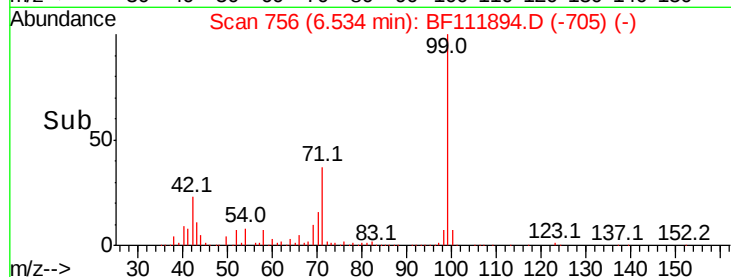
99 100

42 23.2 17.9 26.9

71 37.5 28.7 43.1



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



#10

Phenol

Concen: 4.047 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF111894.D

Acq: 7 Jan 2019 23:20

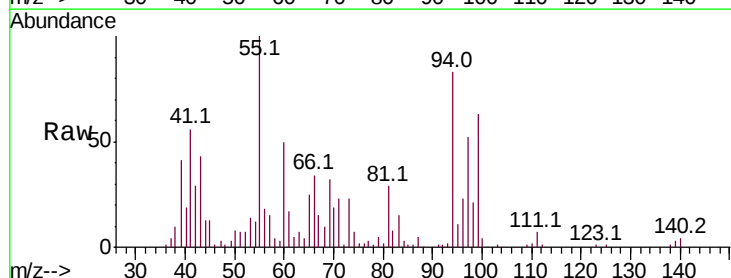
Tgt Ion: 94 Resp: 46439

Ion Ratio Lower Upper

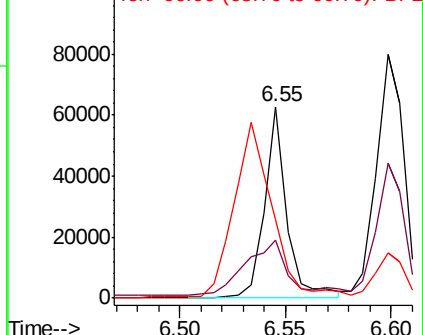
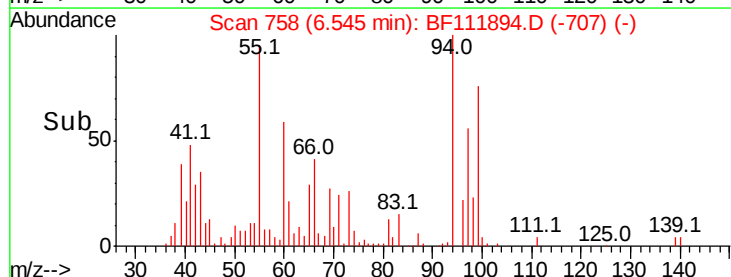
94 100

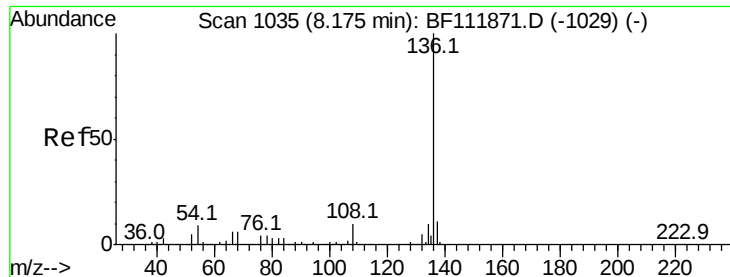
65 30.6 22.8 62.8

66 41.2 43.3 83.3#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

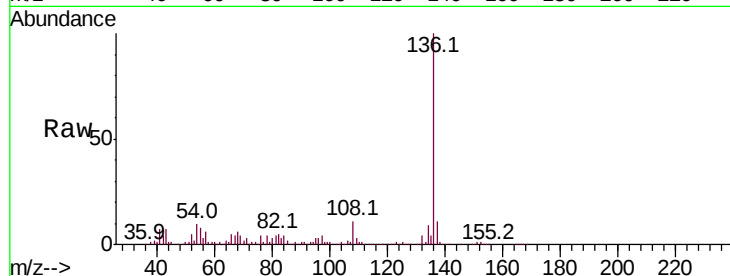




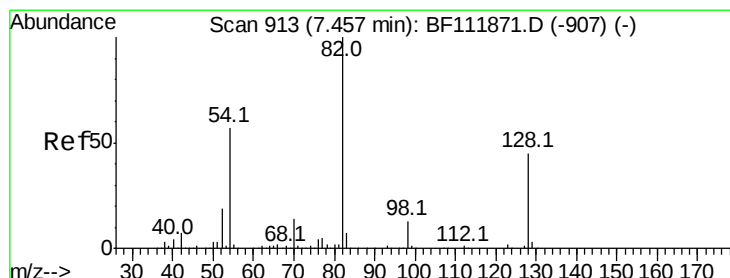
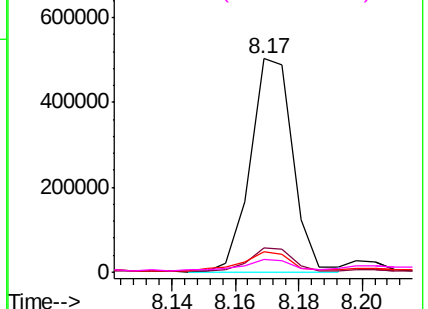
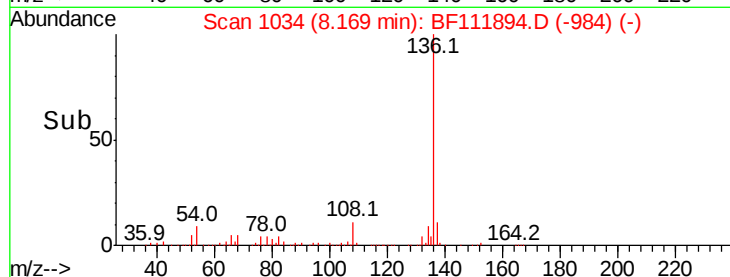
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111894.D
Acq: 7 Jan 2019 23:20

Instrument :
BNA_F
ClientSampleId :
13-R

Tot Ion:136	Resp:	464744	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.1	13.7	
54 9.8	7.2	10.8	
68 6.3	4.4	6.6	

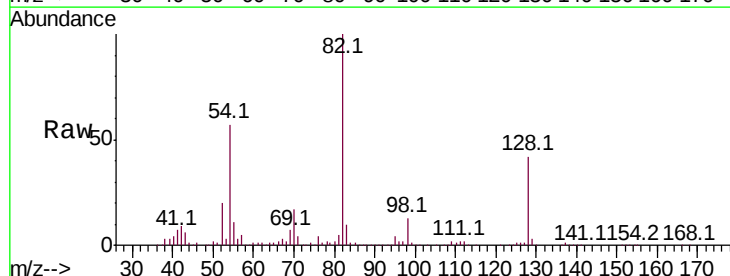


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

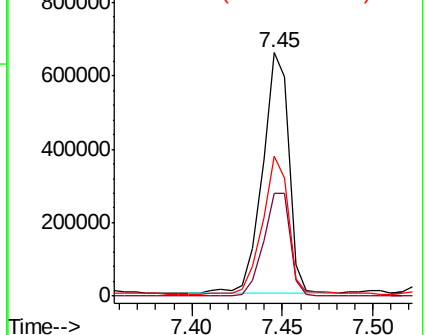
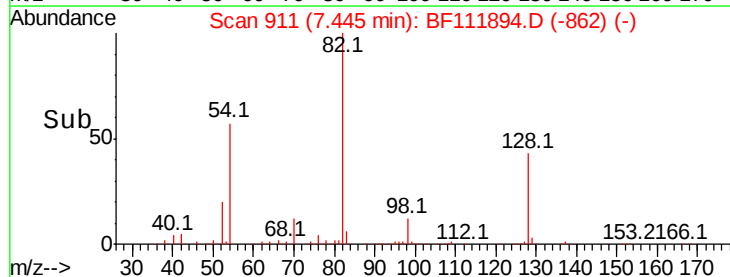


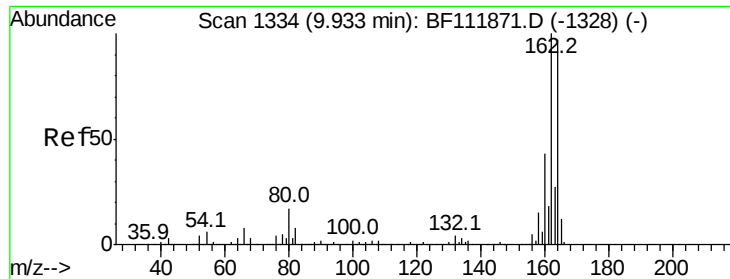
#23
Nitrobenzene-d5
Concen: 76.599 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111894.D
Acq: 7 Jan 2019 23:20

Tgt Ion: 82	Resp: 666080
Ion Ratio	Lower Upper
82 100	
128 42.4	35.7 53.5
54 57.5	45.8 68.8



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

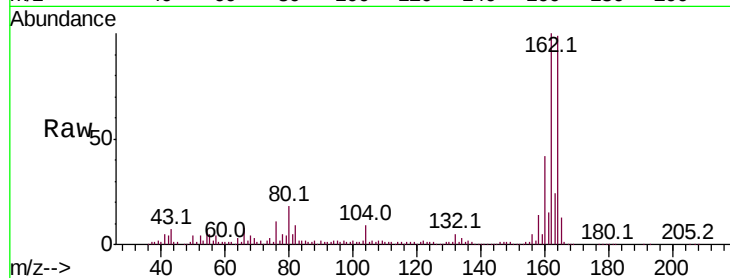




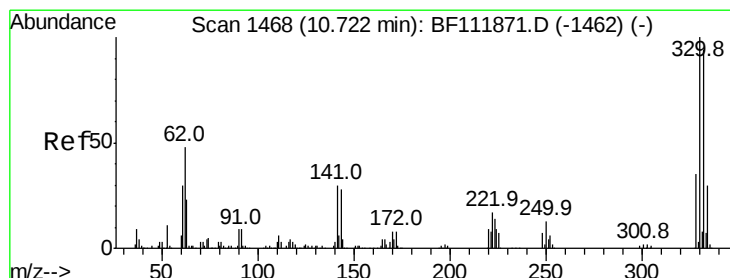
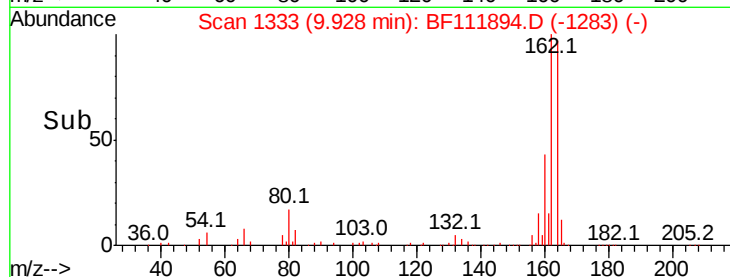
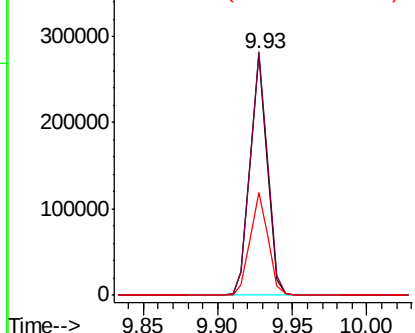
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111894.D
 Acq: 7 Jan 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :
 13-R

Tot Ion:164 Resp: 222932
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.2 123.2
 160 42.8 35.5 53.3

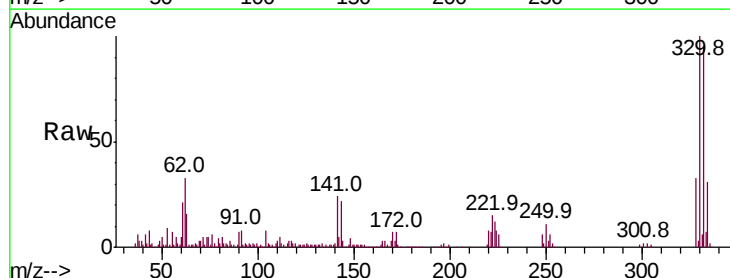


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

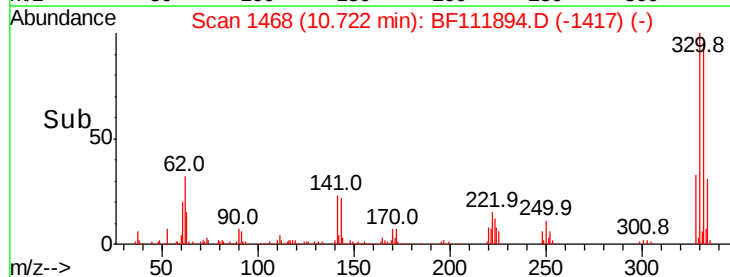
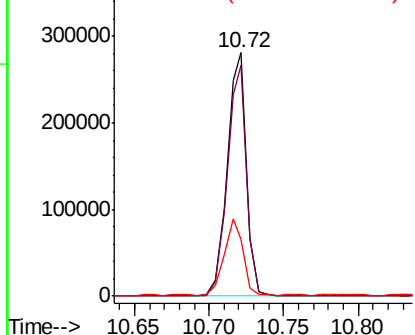


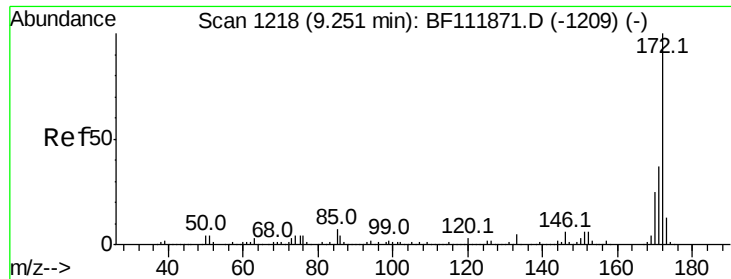
#42
 2,4,6-Tribromophenol
 Concen: 88.686 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF111894.D
 Acq: 7 Jan 2019 23:20

Tgt Ion:330 Resp: 257159
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.9 115.3
 141 30.6 23.7 35.5



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



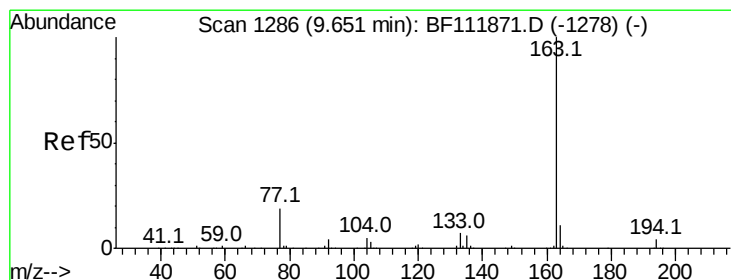
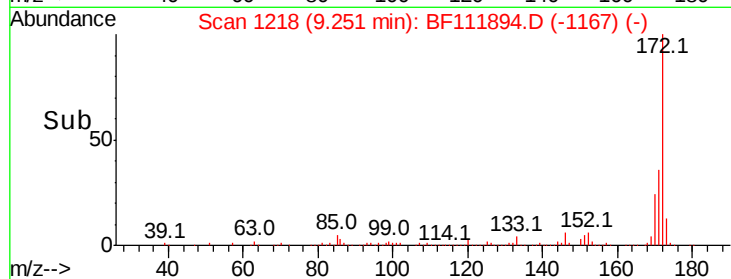
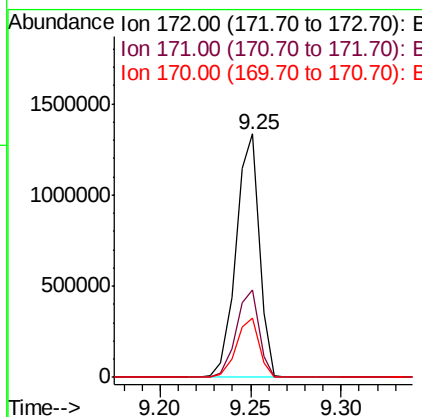
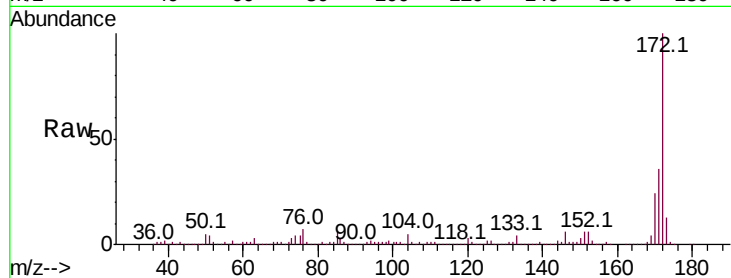


#45
2-Fluorobiphenyl
Concen: 77.845 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111894.D
Acq: 7 Jan 2019 23:20

Instrument :
BNA_F
ClientSampleId :
13-R

Tot Ion:172 Resp: 1190102

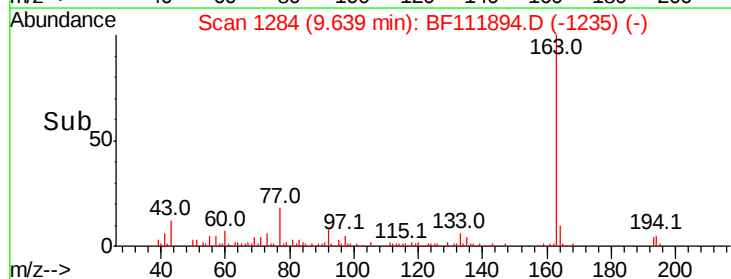
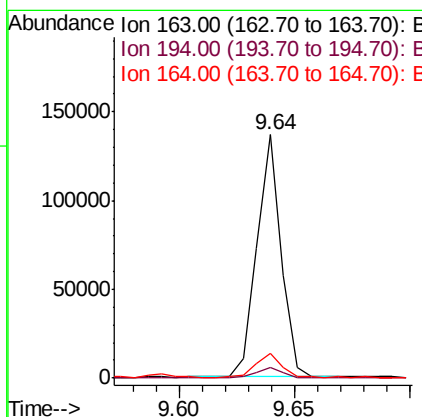
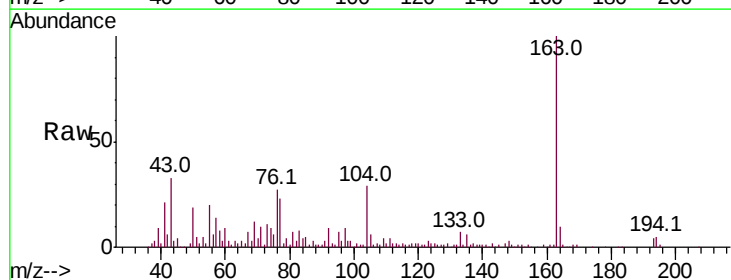
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	19.8	29.8

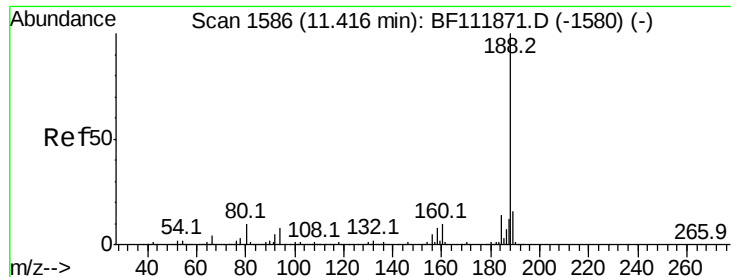


#50
Dimethylphthalate
Concen: 5.966 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF111894.D
Acq: 7 Jan 2019 23:20

Tgt Ion:163 Resp: 99912

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.1	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111894.D

Acq: 7 Jan 2019 23:20

Instrument :

BNA_F

ClientSampleId :

13-R

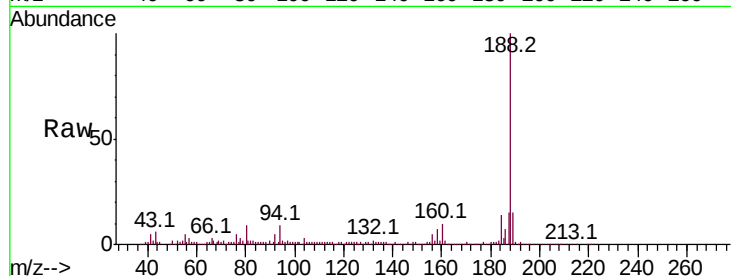
Tot Ion:188 Resp: 401250

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

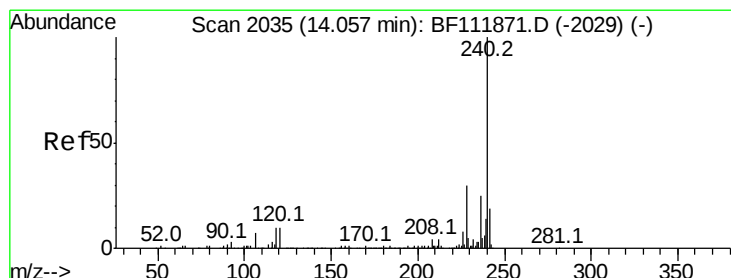
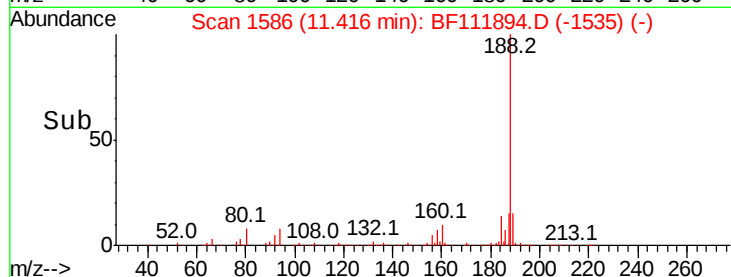
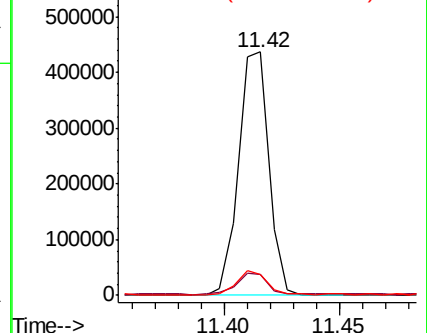
80 8.8 7.7 11.5



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: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111894.D

Acq: 7 Jan 2019 23:20

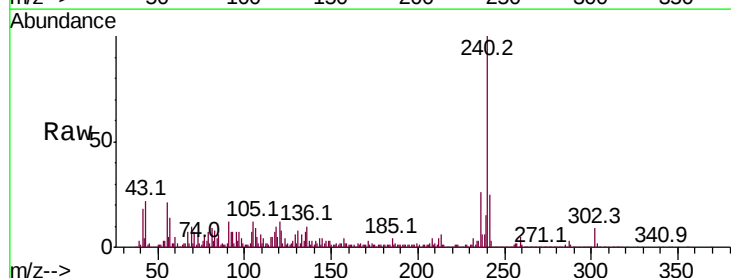
Tgt Ion:240 Resp: 442786

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

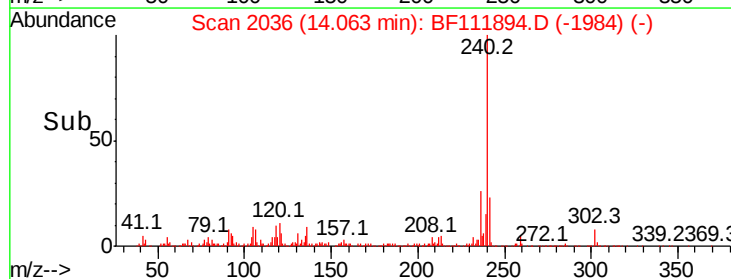
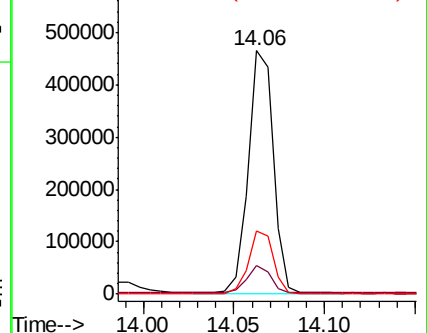
236 26.2 20.2 30.4

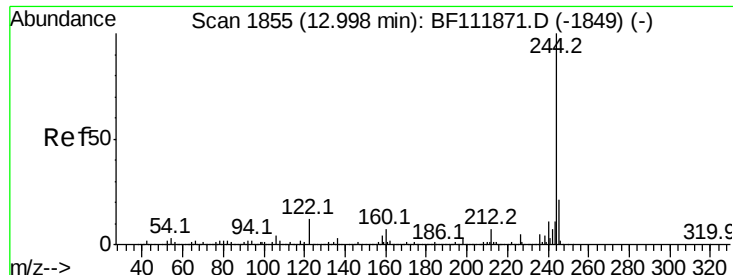


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.782 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111894.D

Acq: 7 Jan 2019 23:20

Instrument :

BNA_F

ClientSampleId :

13-R

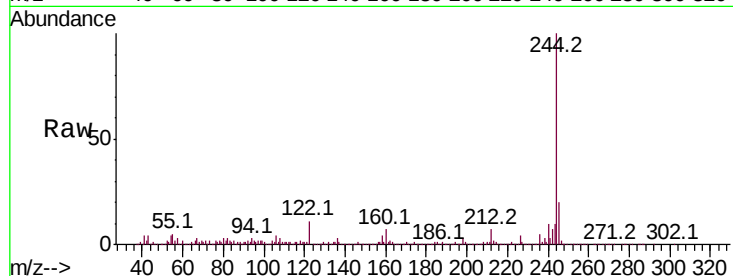
Tot Ion:244 Resp: 1231209

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

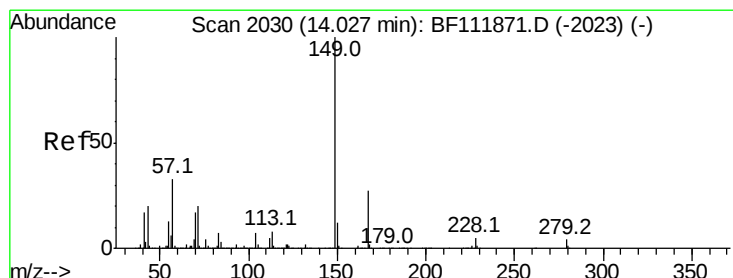
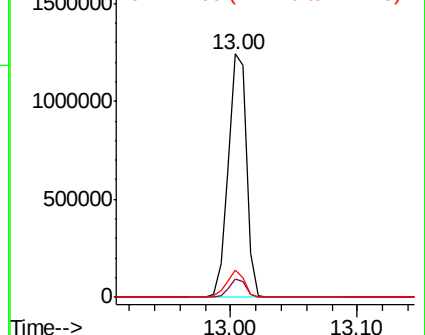
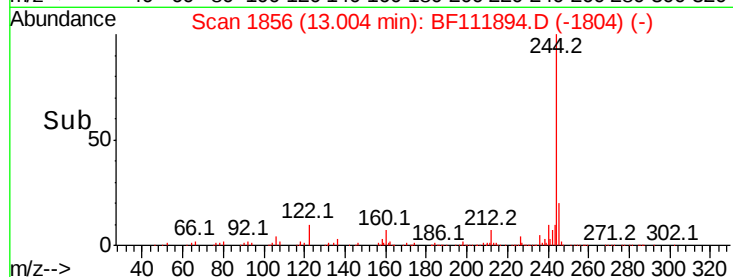
122 11.0 9.5 14.3



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: 3.017 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111894.D

Acq: 7 Jan 2019 23:20

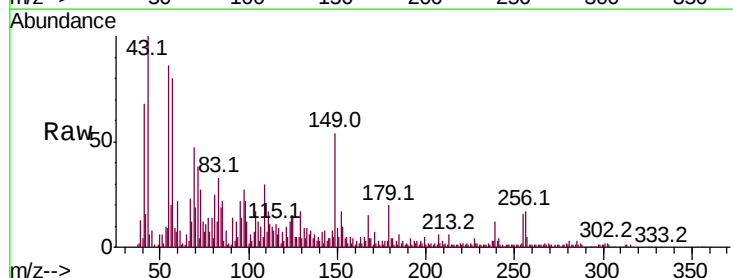
Tgt Ion:149 Resp: 51033

Ion Ratio Lower Upper

149 100

167 27.0 21.5 32.3

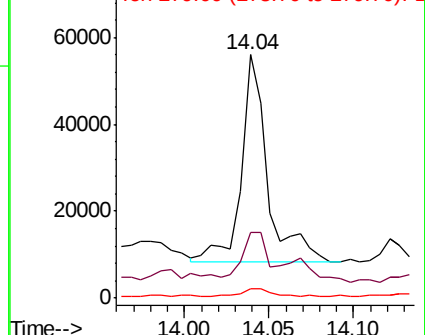
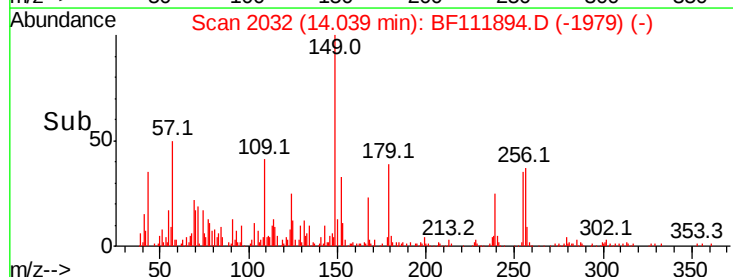
279 3.7 3.0 4.6

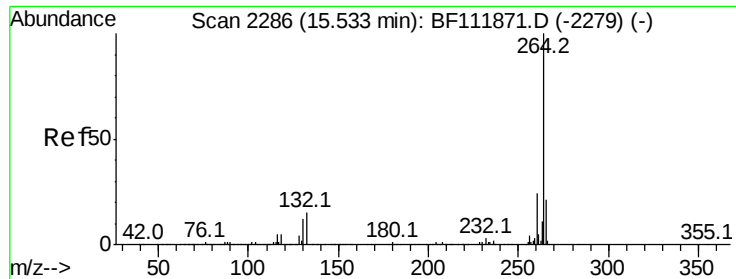


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111894.D
Acq: 7 Jan 2019 23:20

Instrument :
BNA_F
ClientSampleId :
13-R

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.7	17.1	25.7

