

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111694.D
 Acq On : 21 Dec 2018 18:24
 Operator : JU/SJ
 Sample : J6391-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0612-01

Quant Time: Dec 22 00:05:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

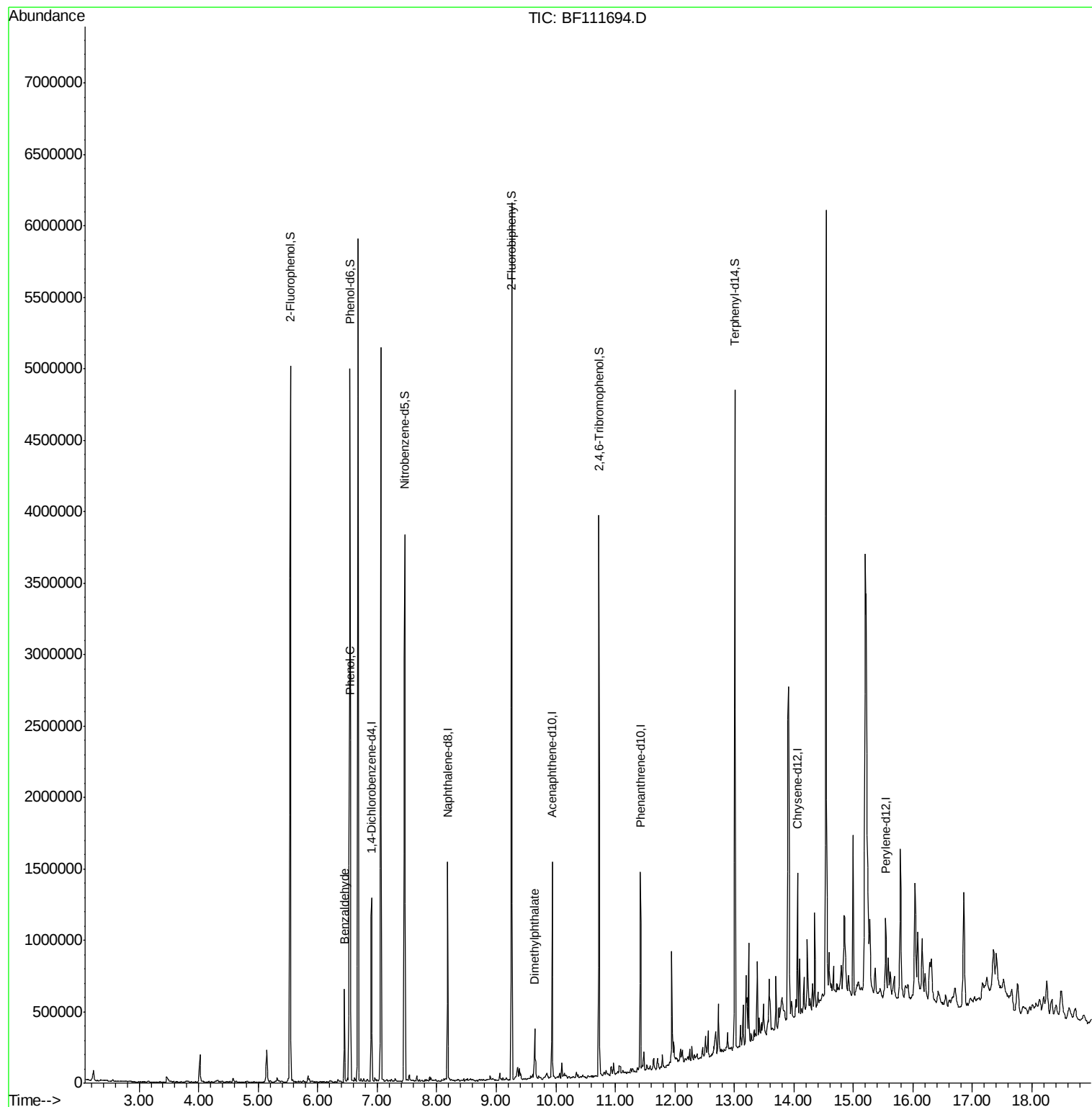
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181726	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	637695	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	279212	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	475882	20.00	ng	0.00
76) Chrysene-d12	14.06	240	349649	20.00	ng	0.01
87) Perylene-d12	15.54	264	269442	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1476218	138.46	ng	0.02
7) Phenol-d6	6.55	99	1844925	135.97	ng	0.02
23) Nitrobenzene-d5	7.46	82	1193086	108.90	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	457691	138.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1954791	102.05	ng	0.00
79) Terphenyl-d14	13.01	244	1553743	84.27	ng	0.01
Target Compounds						
9) Benzaldehyde	6.45	77	114888	12.312	ng	93
10) Phenol	6.56	94	113757	7.431	ng	93
50) Dimethylphthalate	9.65	163	129078	6.322	ng	99

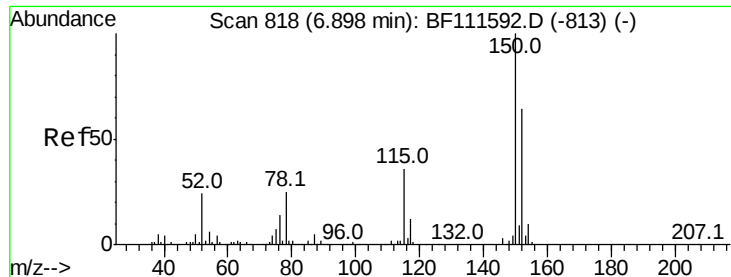
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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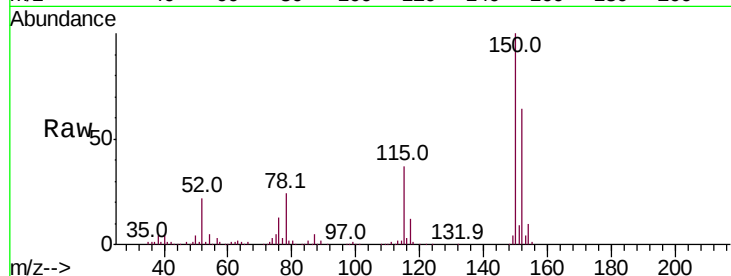


#1

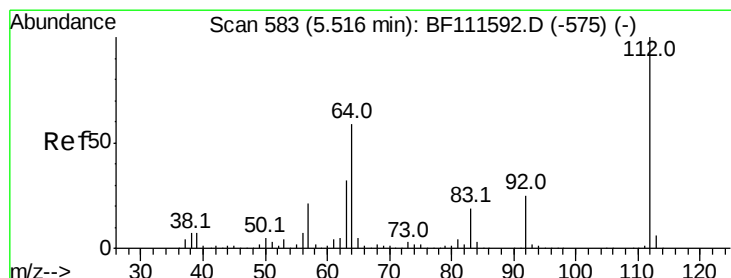
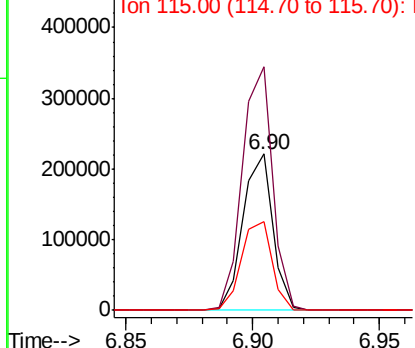
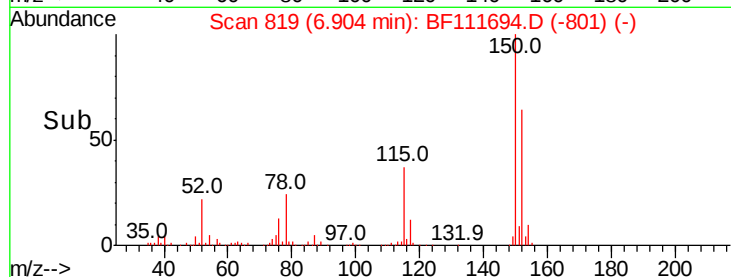
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

Tot Ion:152 Resp: 181726
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 57.0 50.7 76.1



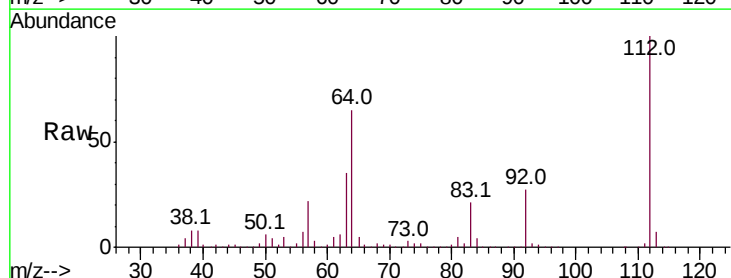
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



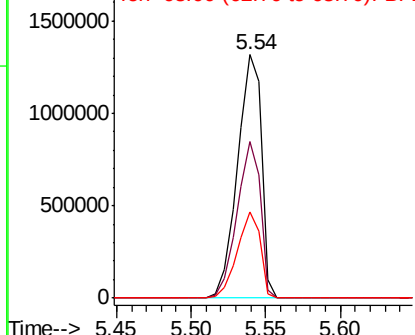
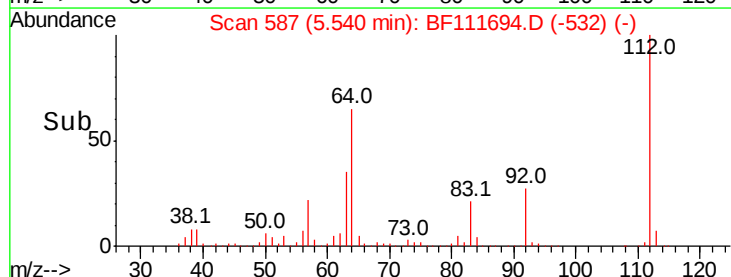
#5

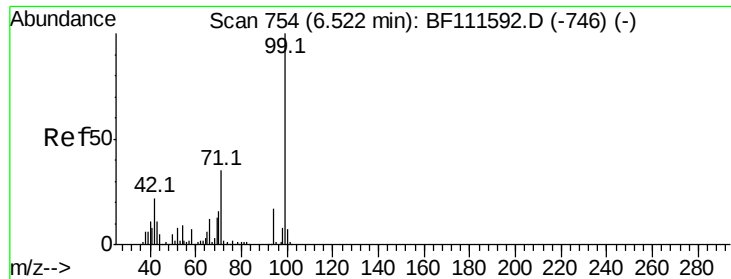
2-Fluorophenol
Concen: 138.465 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion:112 Resp: 1476218
Ion Ratio Lower Upper
112 100
64 64.6 51.8 77.6
63 35.3 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: 135.975 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0612-01

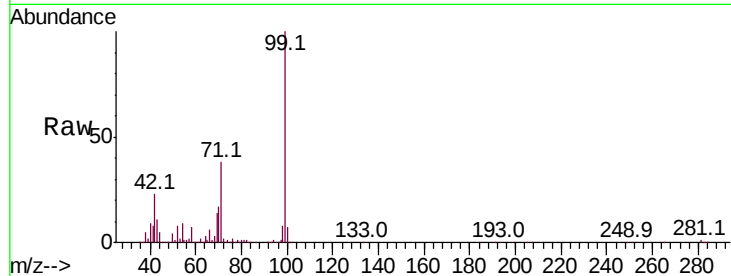
Tot Ion: 99 Resp: 1844925

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

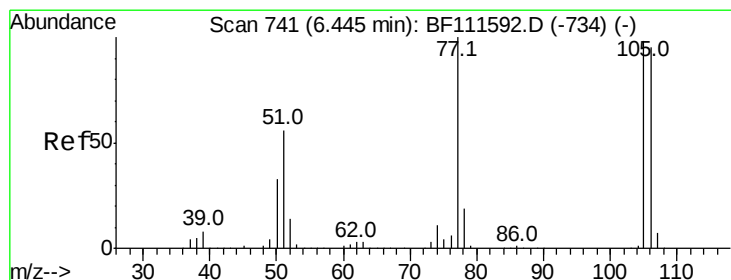
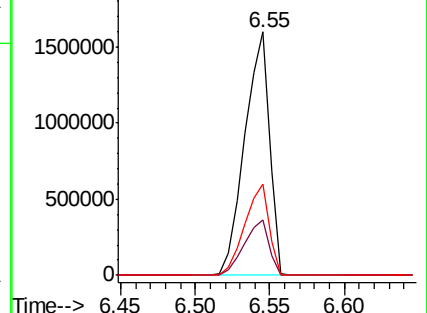
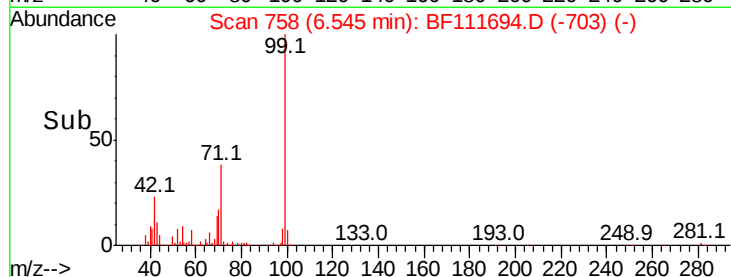
71 37.7 26.1 39.1



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



#9

Benzaldehyde

Concen: 12.312 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

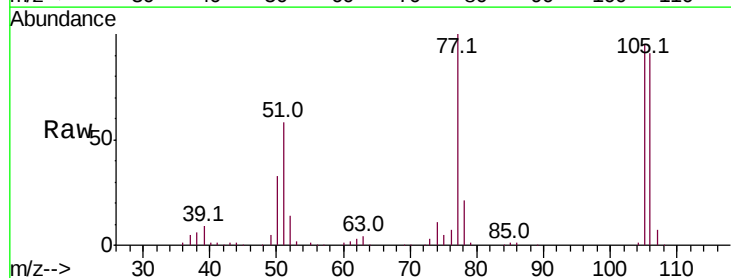
Tgt Ion: 77 Resp: 114888

Ion Ratio Lower Upper

77 100

105 94.7 81.4 121.4

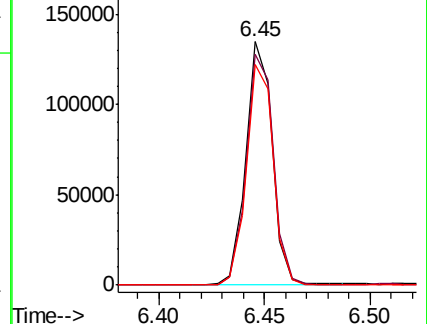
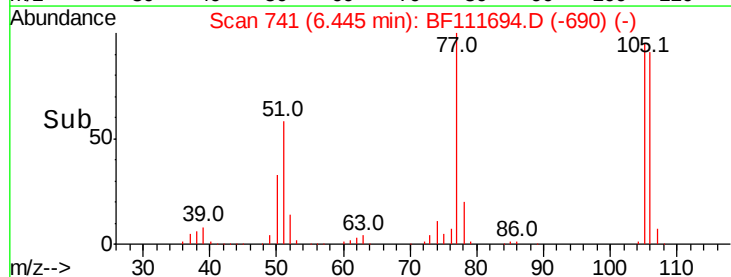
106 90.7 77.9 117.9

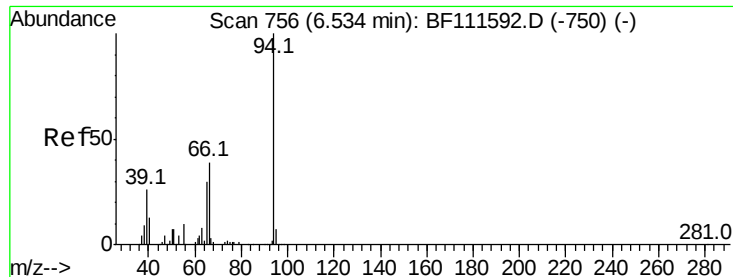


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

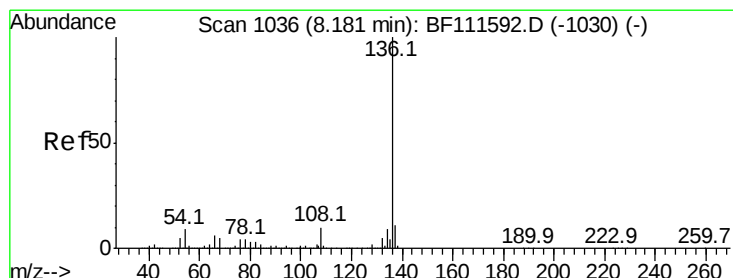
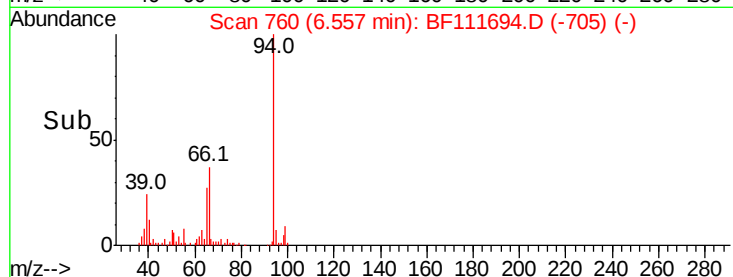
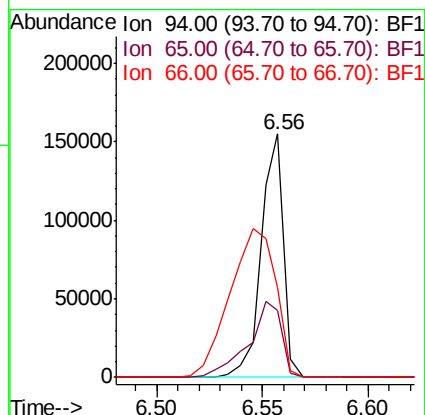
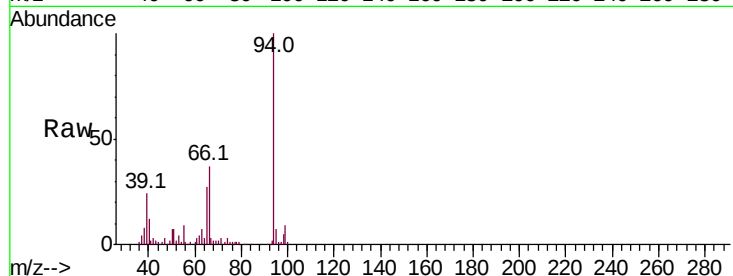




#10
Phenol
Concen: 7.431 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

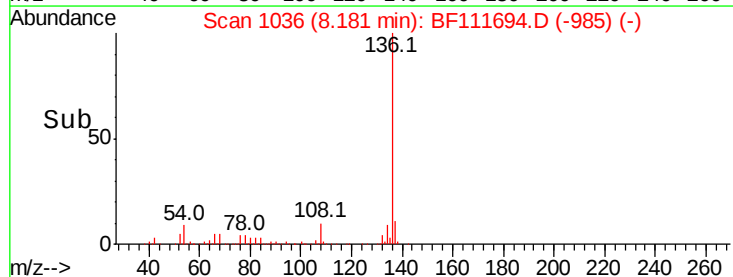
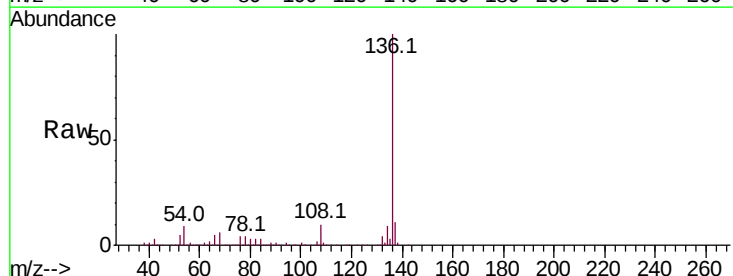
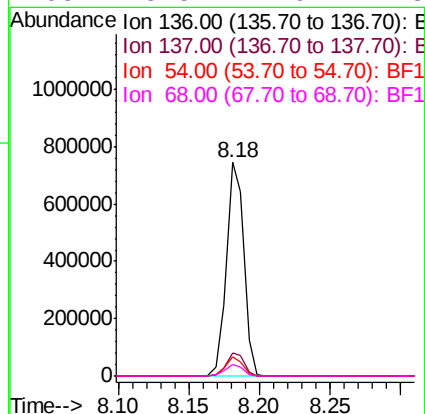
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

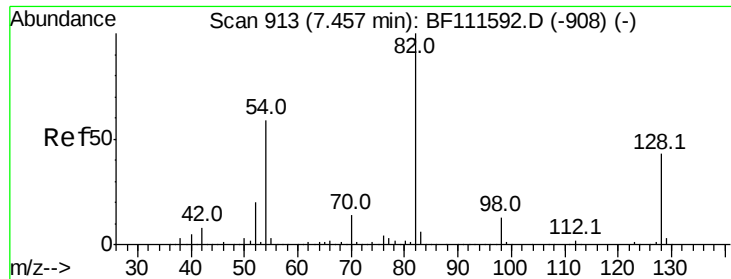
Tot Ion	Ratio	Lower	Upper
94	100		
65	27.5	11.7	51.7
66	37.0	21.0	61.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.1	7.7	11.5
68	5.5	4.9	7.3

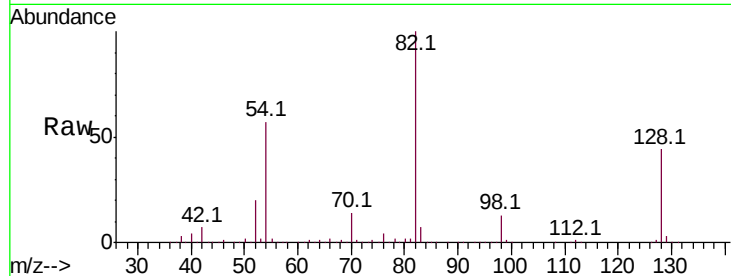




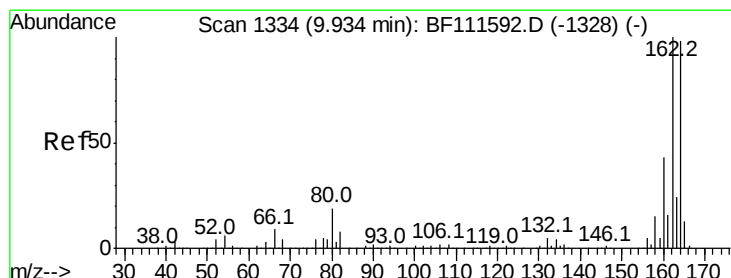
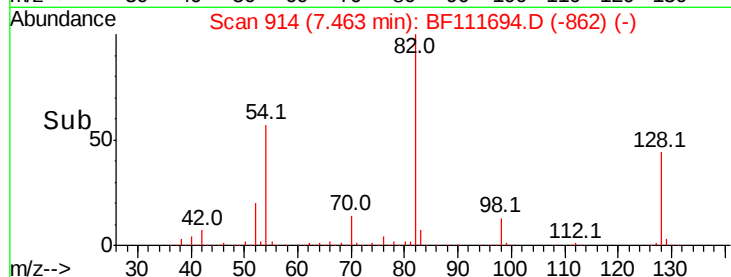
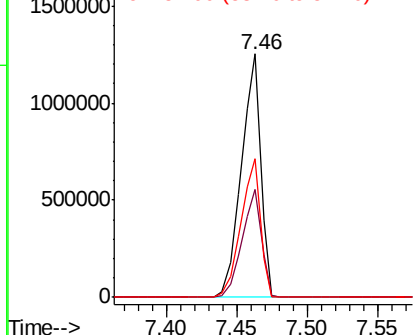
#23
Nitrobenzene-d5
Concen: 108.903 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

Tot Ion: 82 Resp: 1193086
Ion Ratio Lower Upper
82 100
128 44.4 37.4 56.2
54 57.0 47.6 71.4

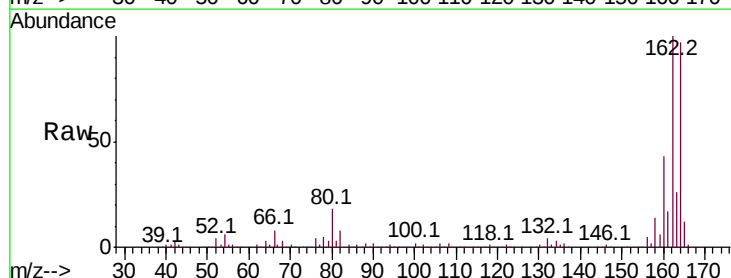


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

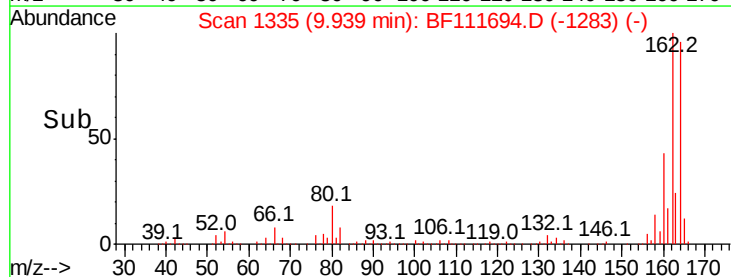
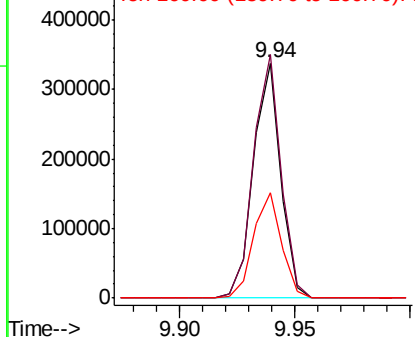


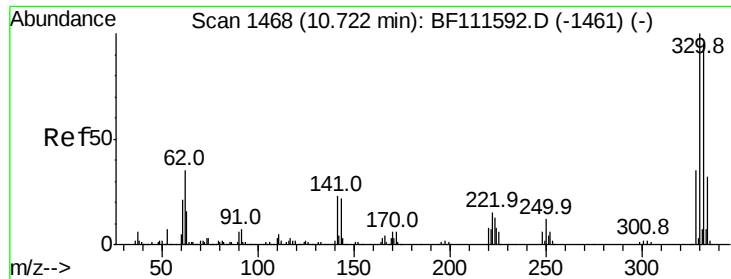
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion:164 Resp: 279212
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 44.8 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

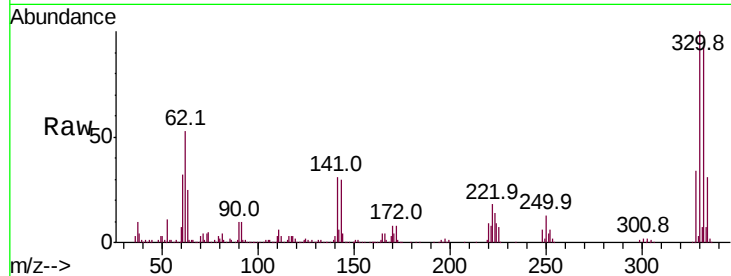




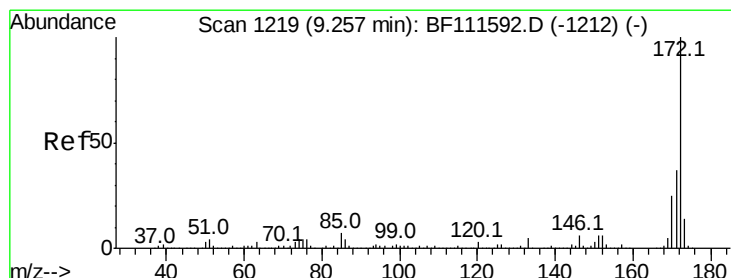
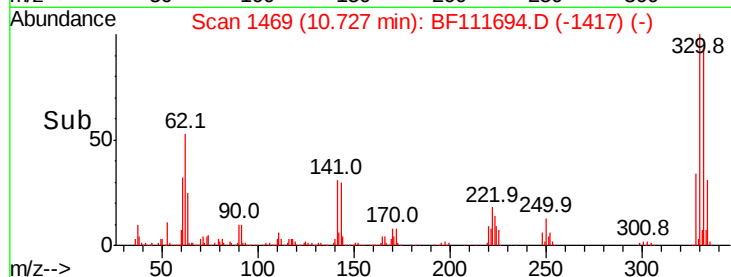
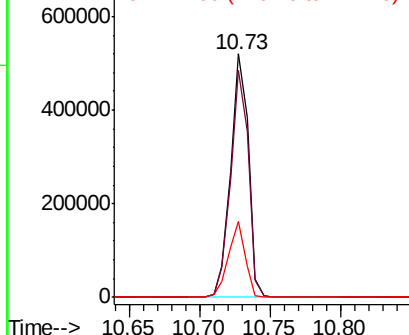
#42
 2,4,6-Tribromophenol
 Concen: 138.732 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111694.D
 Acq: 21 Dec 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0612-01

Tot Ion:330 Resp: 457691
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.0 114.0
 141 29.5 31.0 46.6#

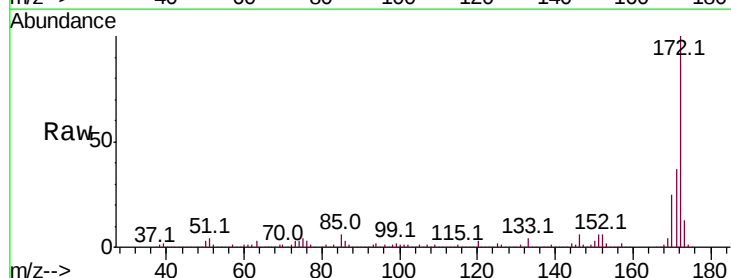


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

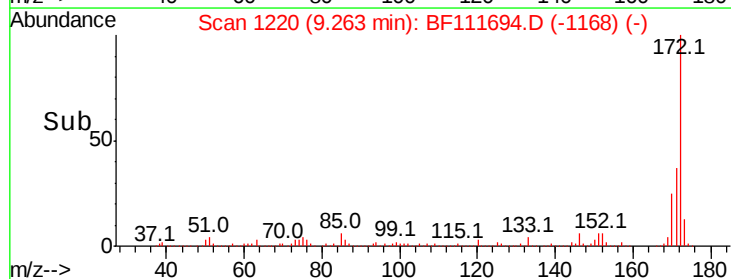
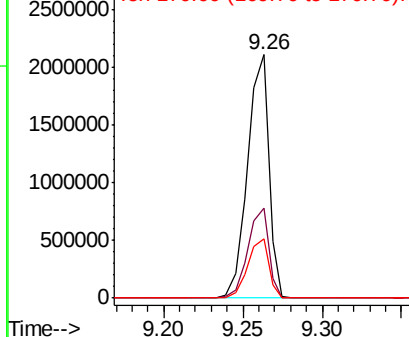


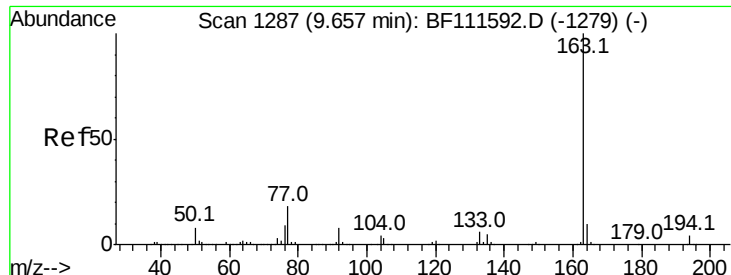
#45
 2-Fluorobiphenyl
 Concen: 102.046 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111694.D
 Acq: 21 Dec 2018 18:24

Tgt Ion:172 Resp: 1954791
 Ion Ratio Lower Upper
 172 100
 171 36.8 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





#50

Dimethylphthalate

Concen: 6.322 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0612-01

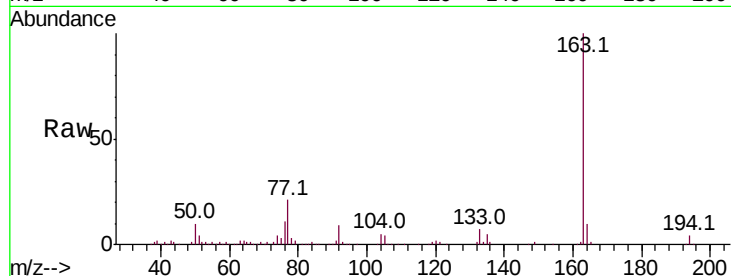
Tot Ion:163 Resp: 129078

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

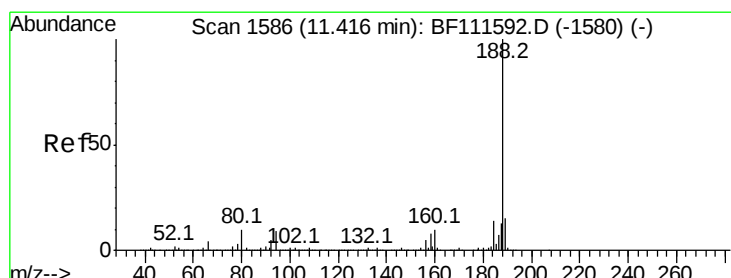
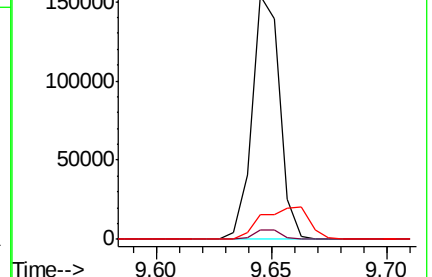
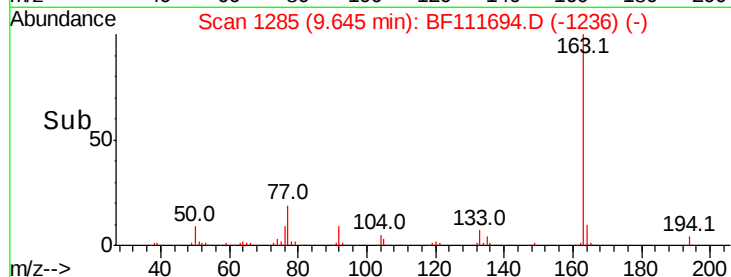
164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

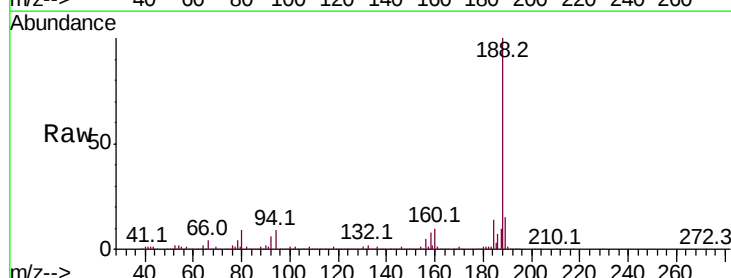
Tgt Ion:188 Resp: 475882

Ion Ratio Lower Upper

188 100

94 8.8 9.6 14.4#

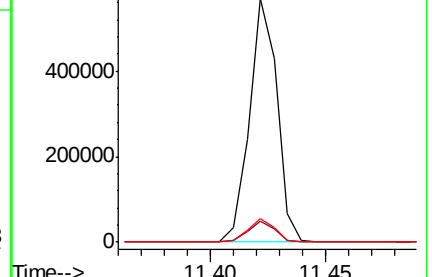
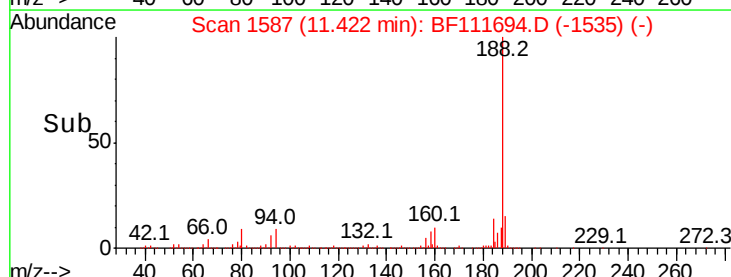
80 9.5 9.8 14.6#

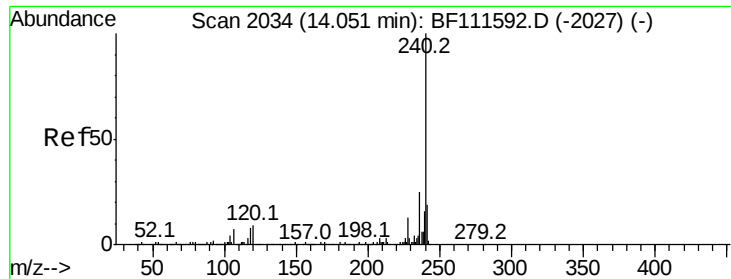


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

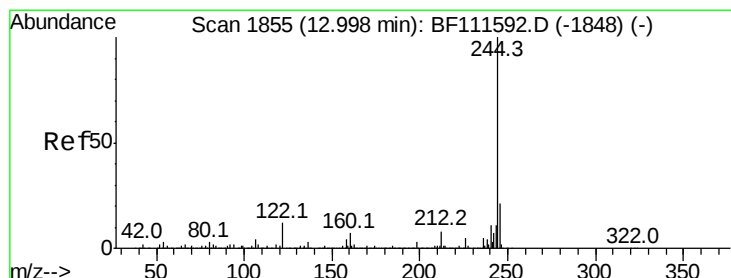
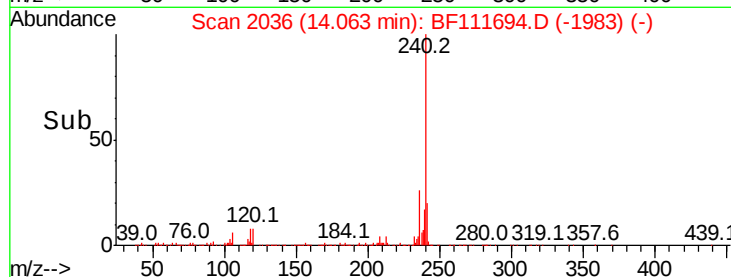
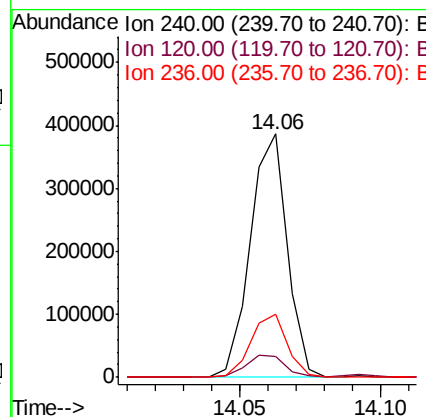
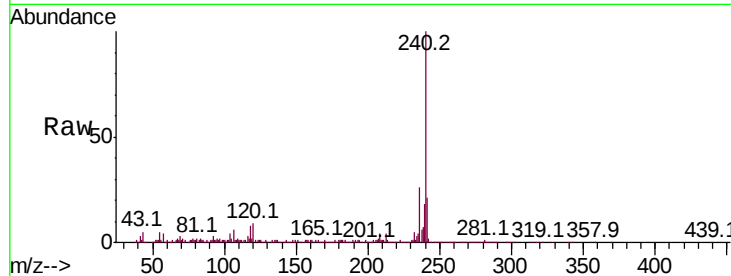




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111694.D
 Acq: 21 Dec 2018 18:24

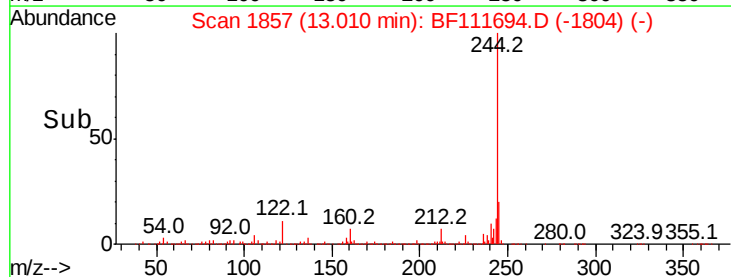
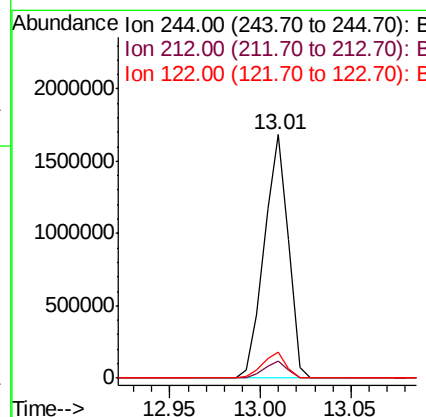
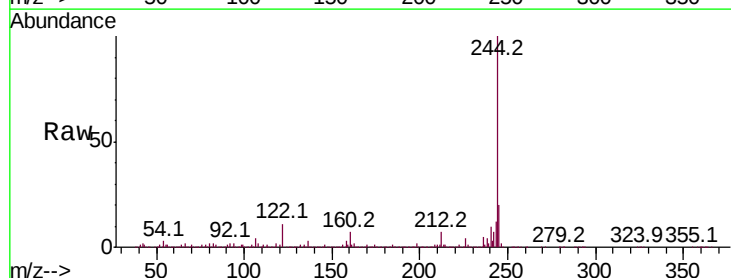
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0612-01

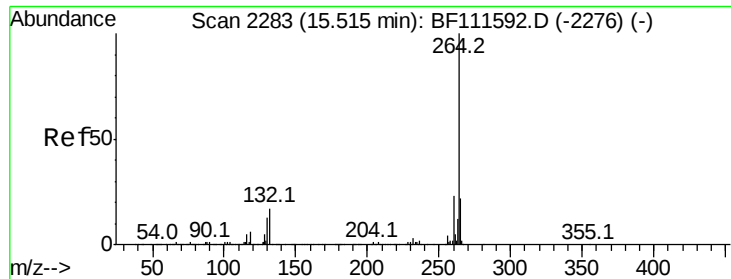
Tot Ion:240 Resp: 349649
 Ion Ratio Lower Upper
 240 100
 120 8.8 12.2 18.2#
 236 26.0 20.2 30.2



#79
 Terphenyl-d14
 Concen: 84.271 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111694.D
 Acq: 21 Dec 2018 18:24

Tgt Ion:244 Resp: 1553743
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 13.1 19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

Tot Ion: 264 Resp: 269442

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.7	17.7	26.5

