

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111696.D
 Acq On : 21 Dec 2018 19:19
 Operator : JU/SJ
 Sample : J6391-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-0612-01

Quant Time: Dec 22 00:14:05 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

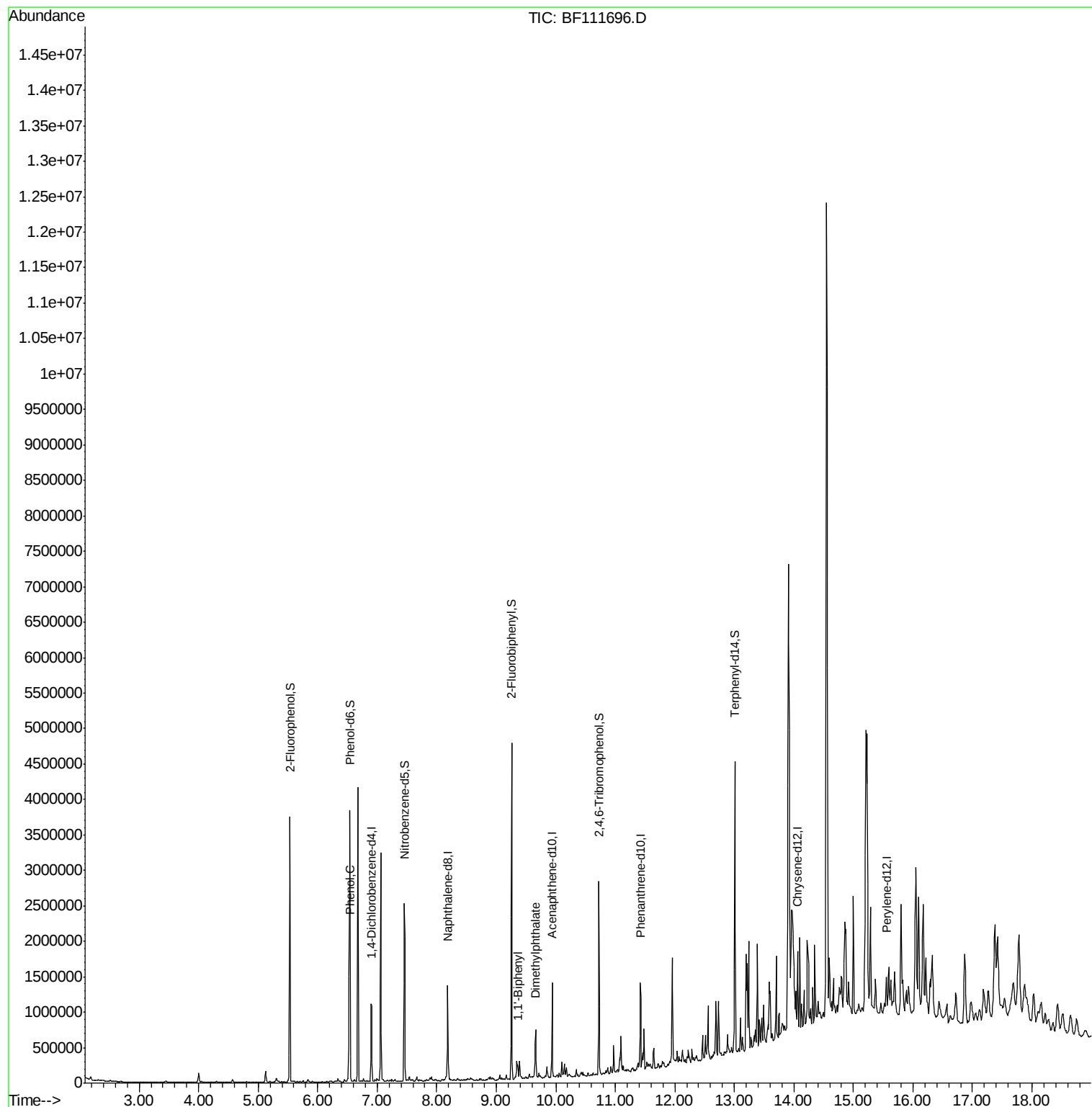
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	162636	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	550284	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	236897	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	425018	20.00	ng	0.00
76) Chrysene-d12	14.06	240	356808	20.00	ng	0.01
87) Perylene-d12	15.56	264	274161	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	957581	100.36	ng	0.02
7) Phenol-d6	6.54	99	1179853	97.16	ng	0.02
23) Nitrobenzene-d5	7.46	82	765100	80.93	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	296815	106.04	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1306750	80.40	ng	0.00
79) Terphenyl-d14	13.01	244	1269012	67.45	ng	0.01
Target Compounds						
10) Phenol	6.55	94	66568	4.859	ng	98
46) 1,1'-Biphenyl	9.36	154	57188	2.860	ng	93
50) Dimethylphthalate	9.65	163	65653	3.790	ng	# 71

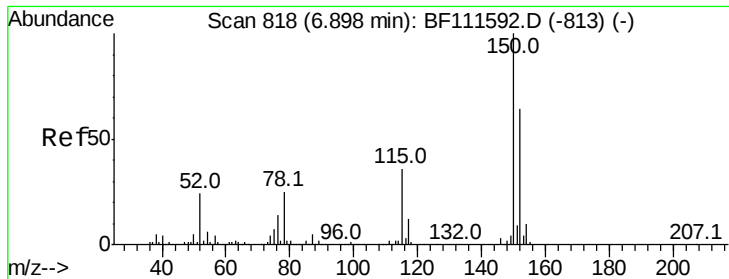
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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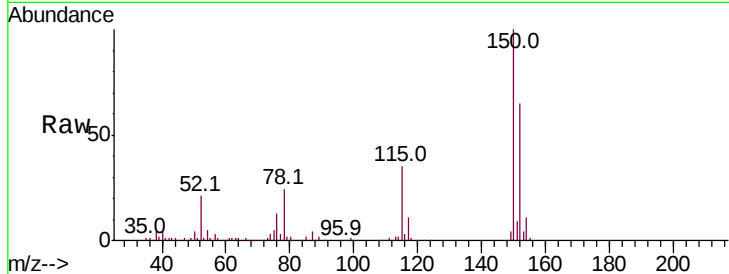


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	54.3	50.7	76.1

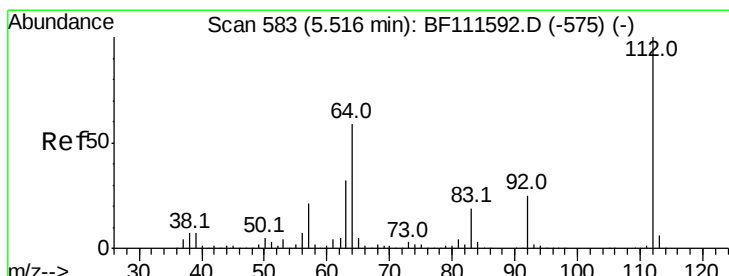
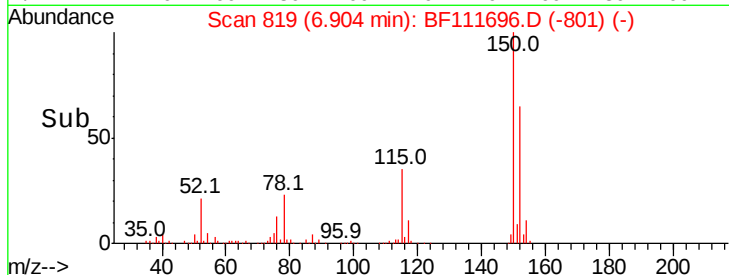
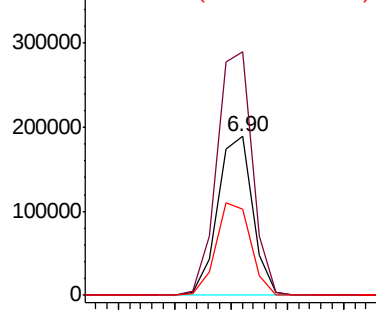


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

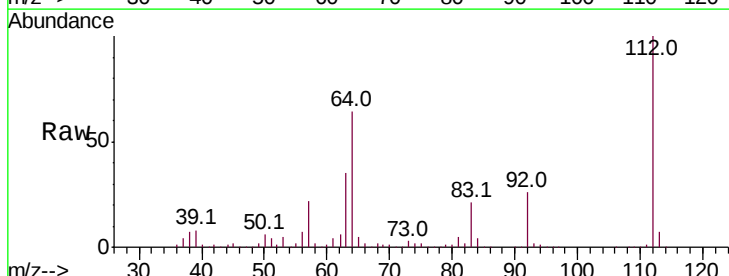
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.361 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.8	77.6
63	35.0	26.8	40.2

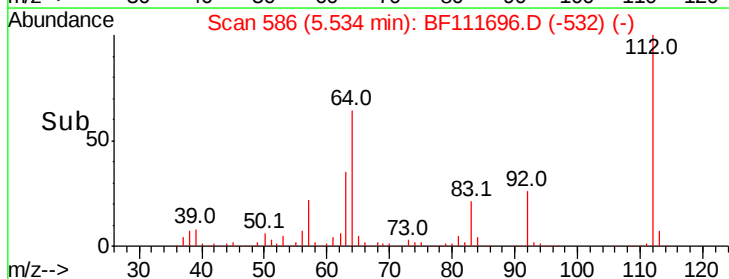
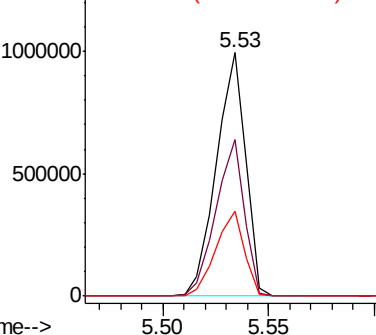


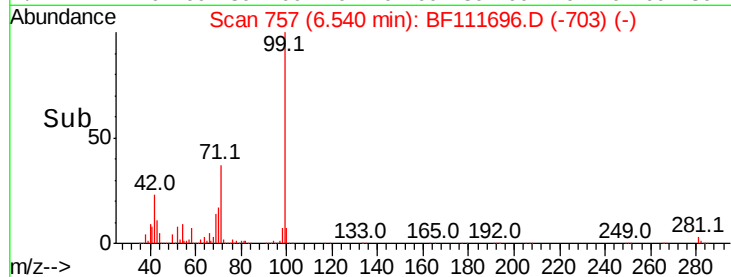
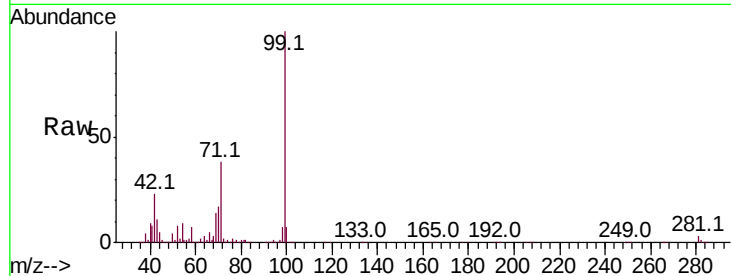
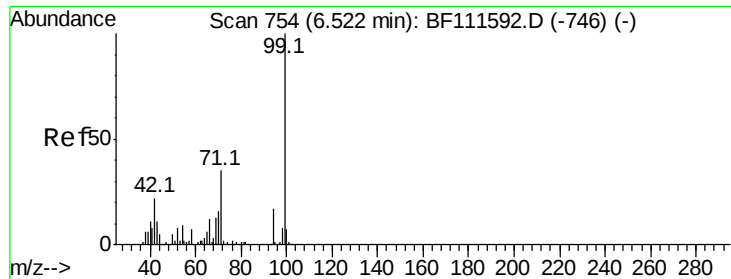
Abundance

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: 97.165 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111696.D

Acq: 21 Dec 2018 19:19

Instrument :

BNA_F

ClientSampleId :

P001-SS018-0612-01

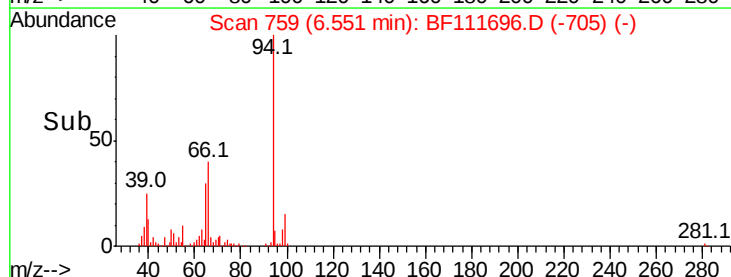
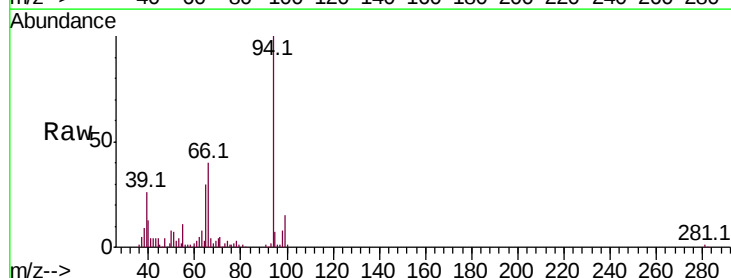
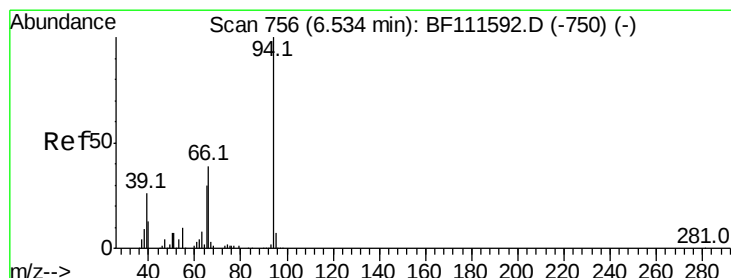
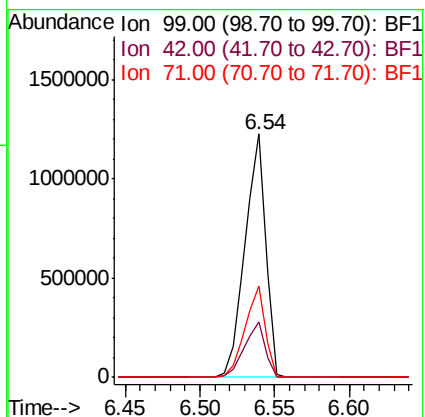
Tot Ion: 99 Resp: 1179853

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

71 37.5 26.1 39.1



#10

Phenol

Concen: 4.859 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111696.D

Acq: 21 Dec 2018 19:19

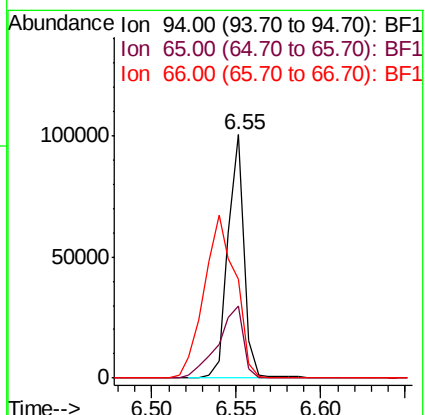
Tgt Ion: 94 Resp: 66568

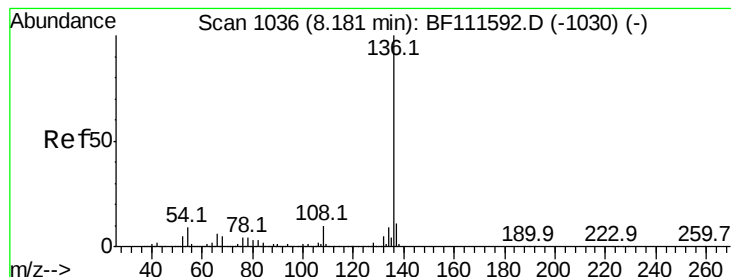
Ion Ratio Lower Upper

94 100

65 29.5 11.7 51.7

66 40.5 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: BF111696.D

Acq: 21 Dec 2018 19:19

Instrument :

BNA_F

ClientSampleId :

P001-SS018-0612-01

Tot Ion:136 Resp: 550284

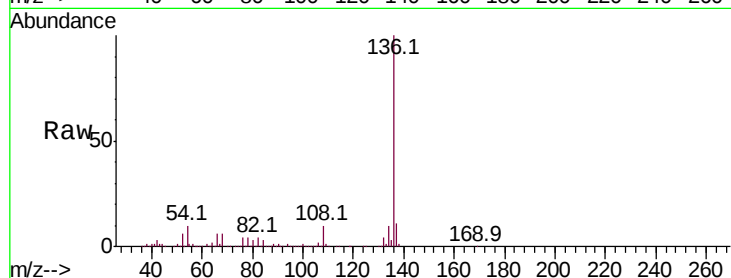
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.6 7.7 11.5

68 5.5 4.9 7.3

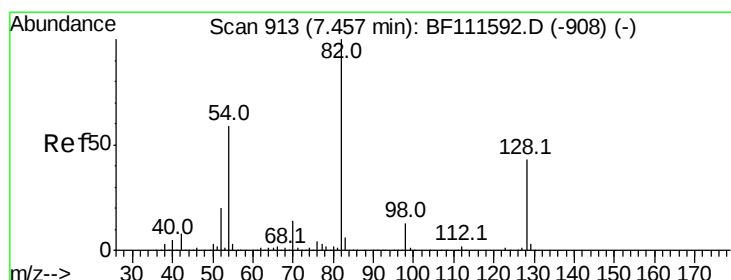
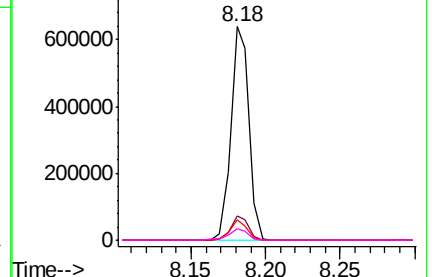
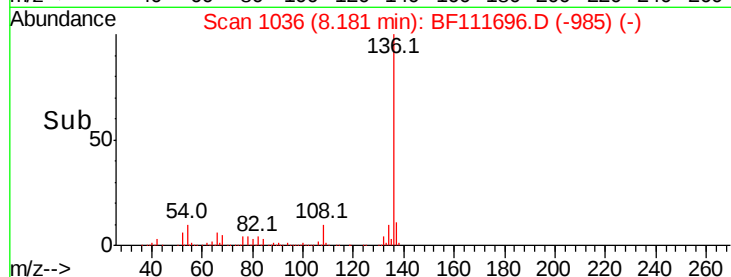


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.930 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111696.D

Acq: 21 Dec 2018 19:19

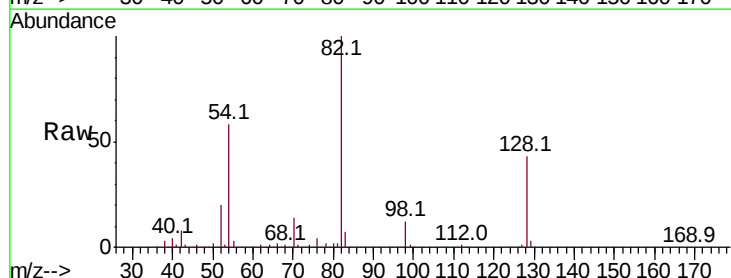
Tgt Ion: 82 Resp: 765100

Ion Ratio Lower Upper

82 100

128 43.2 37.4 56.2

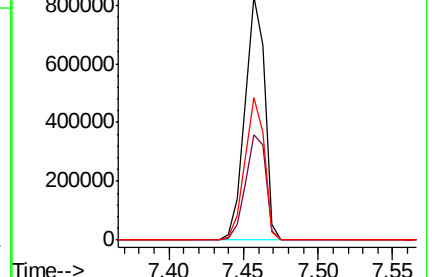
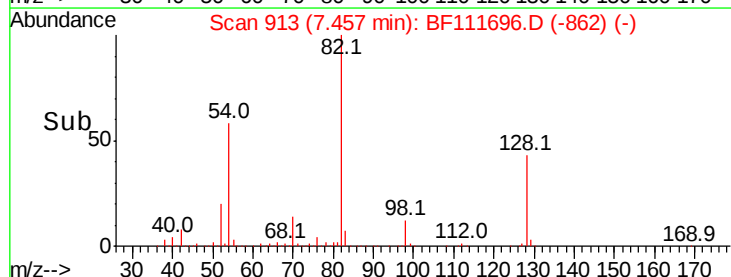
54 58.4 47.6 71.4

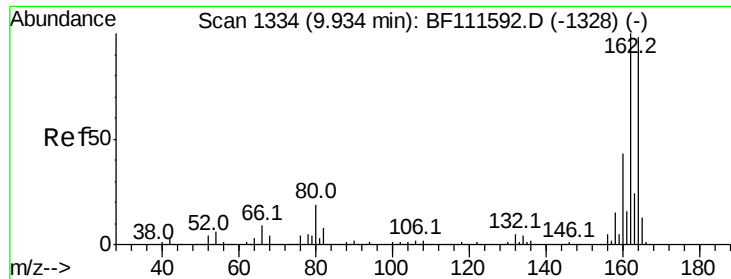


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

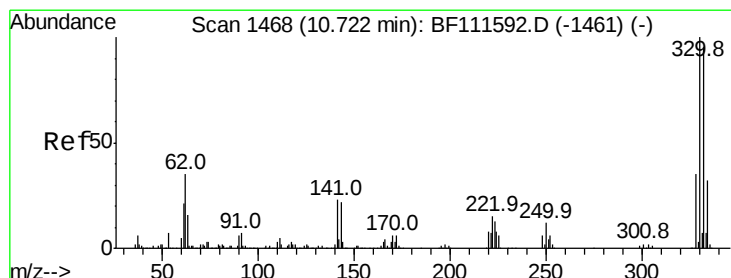
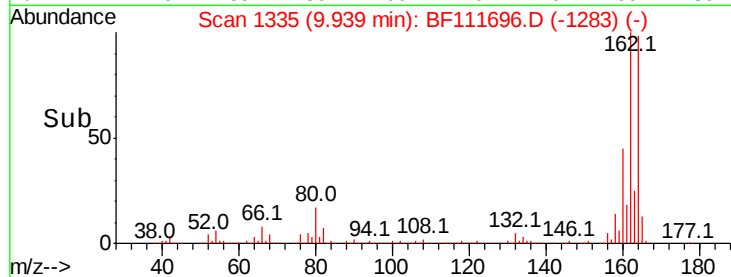
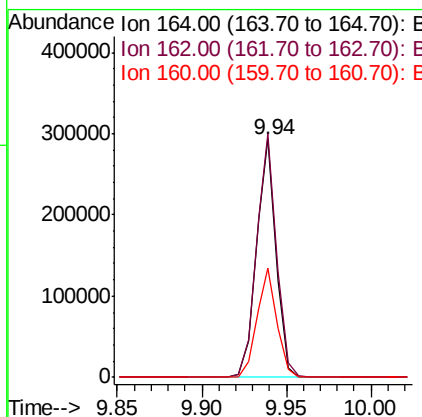
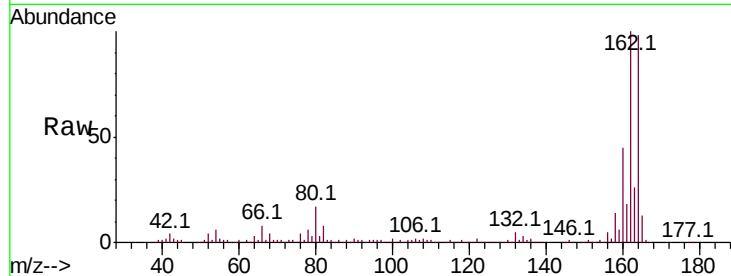




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111696.D
 Acq: 21 Dec 2018 19:19

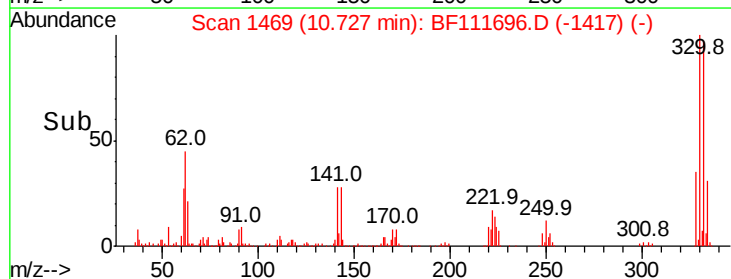
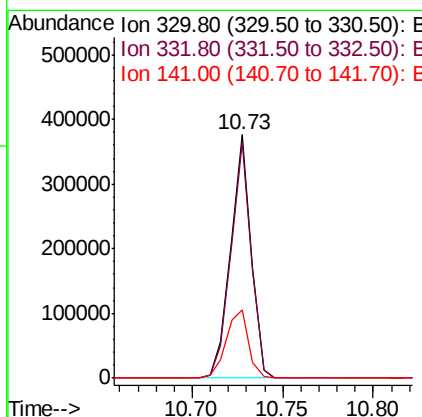
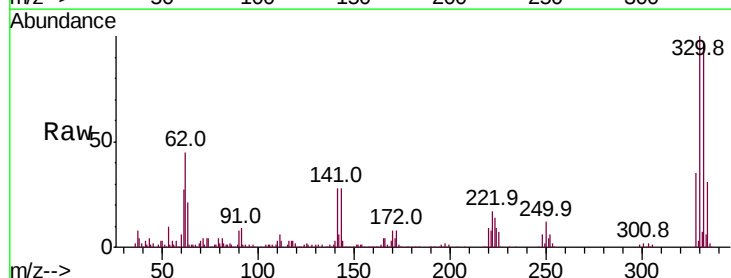
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-0612-01

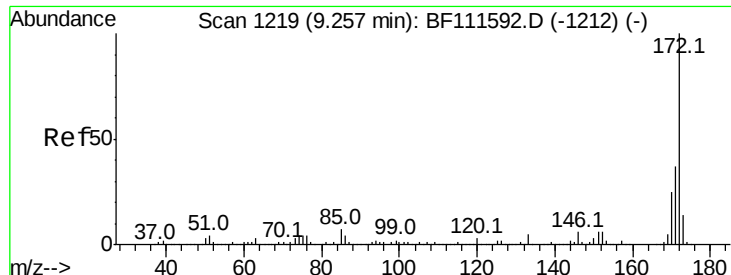
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.4	122.0
160	45.8	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 106.039 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111696.D
 Acq: 21 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	30.6	31.0	46.6#

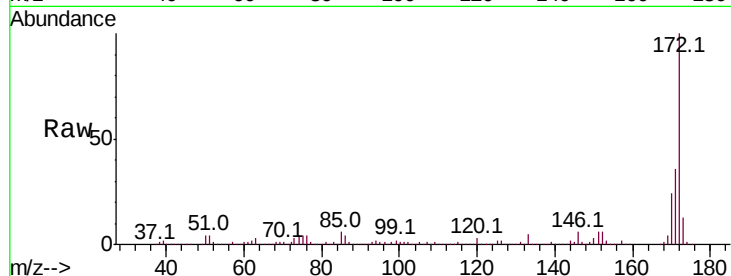




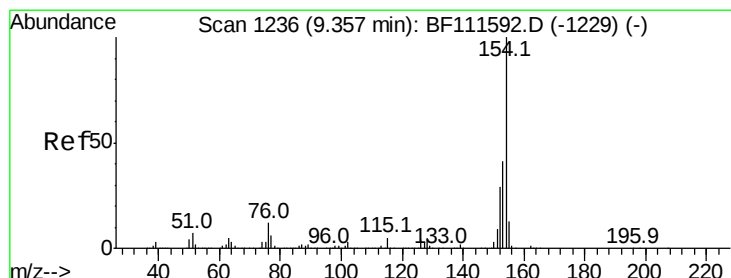
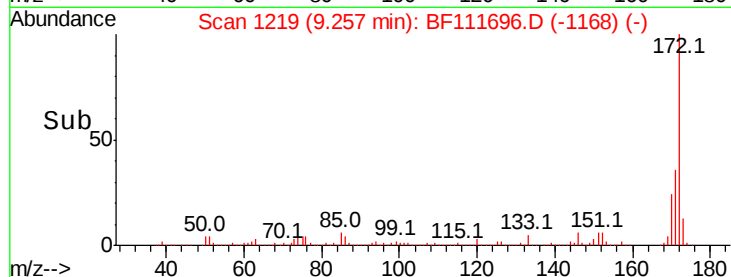
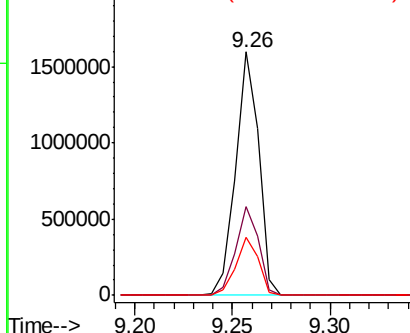
#45
2-Fluorobiphenyl
Concen: 80.401 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tot Ion:172 Resp: 1306750
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 23.9 22.3 33.5

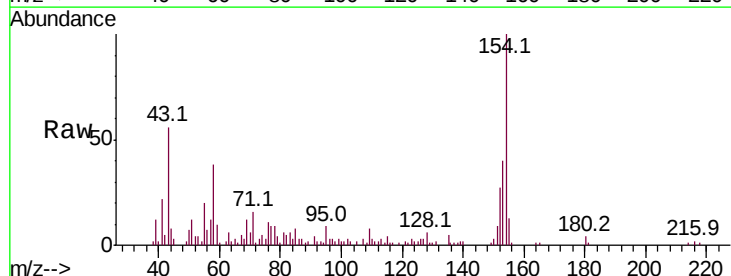


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

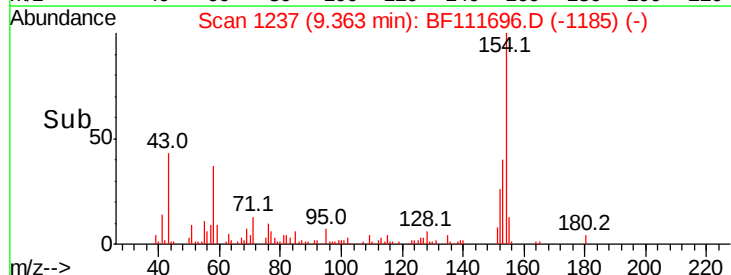
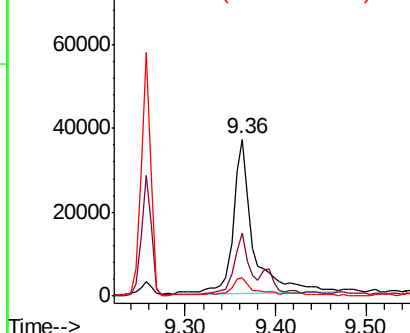


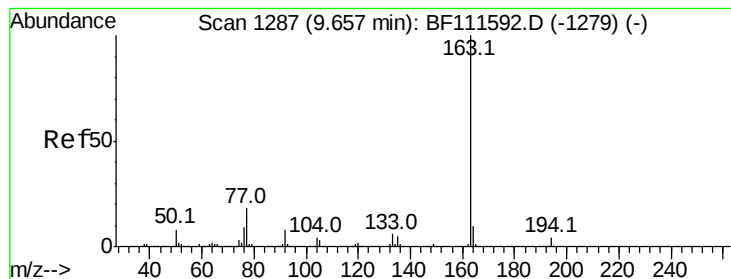
#46
1,1'-Biphenyl
Concen: 2.860 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Tgt Ion:154 Resp: 57188
Ion Ratio Lower Upper
154 100
153 39.9 23.7 63.7
76 11.5 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#50

Dimethylphthalate

Concen: 3.790 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111696.D

Acq: 21 Dec 2018 19:19

Instrument :

BNA_F

ClientSampleId :

P001-SS018-0612-01

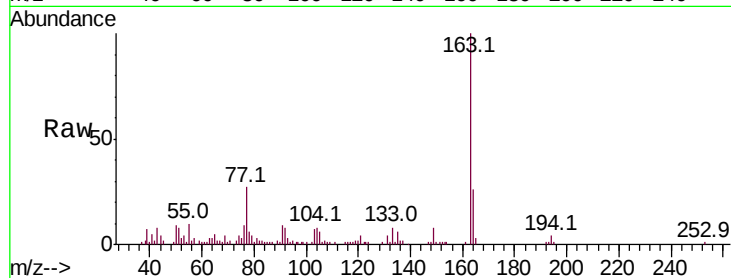
Tot Ion:163 Resp: 65653

Ion Ratio Lower Upper

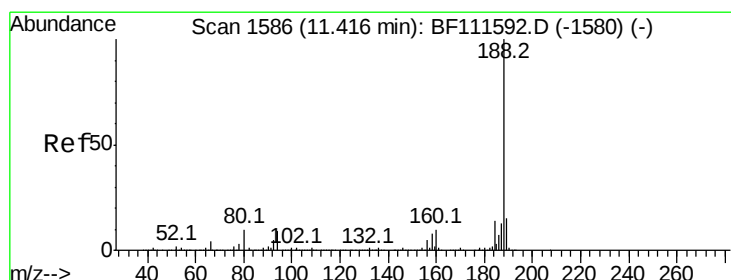
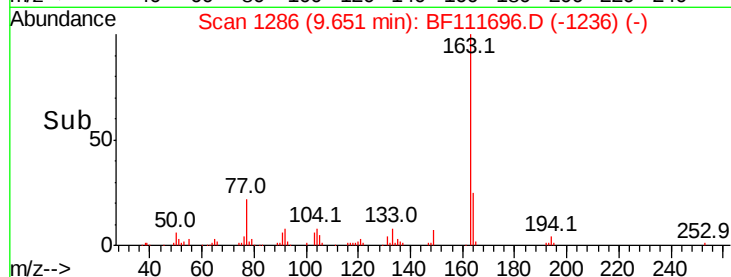
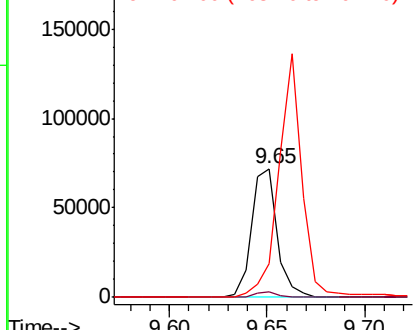
163 100

194 4.3 3.0 4.6

164 25.8 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: BF111696.D

Acq: 21 Dec 2018 19:19

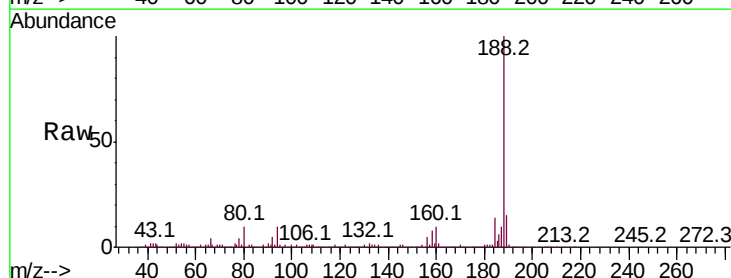
Tgt Ion:188 Resp: 425018

Ion Ratio Lower Upper

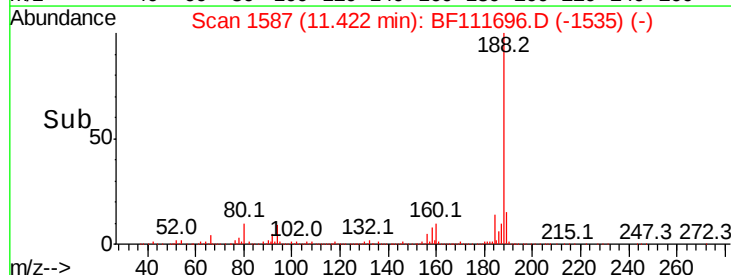
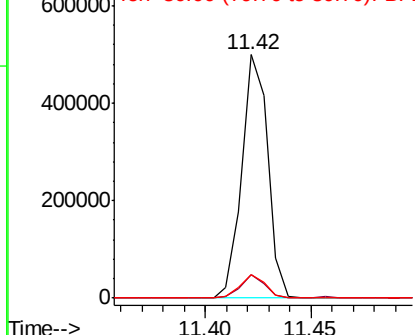
188 100

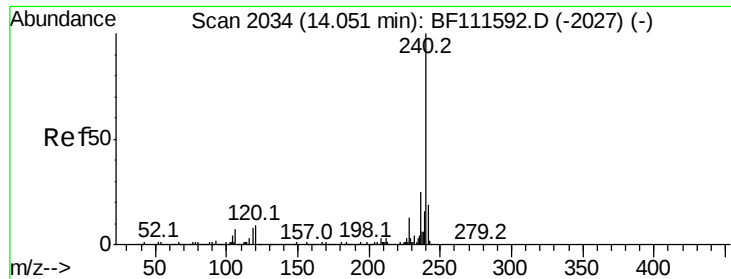
94 9.6 9.6 14.4

80 9.8 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

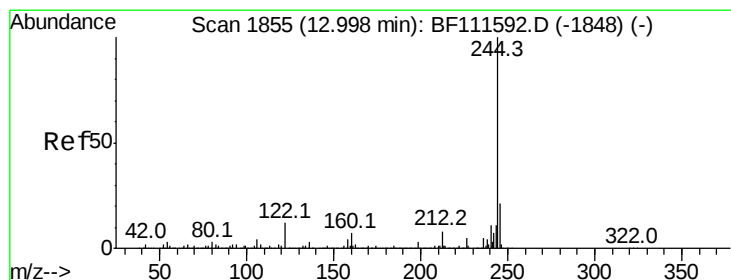
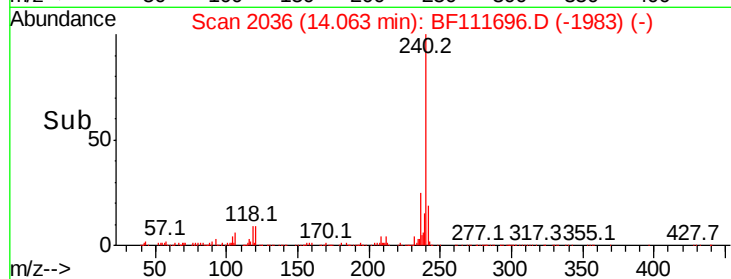
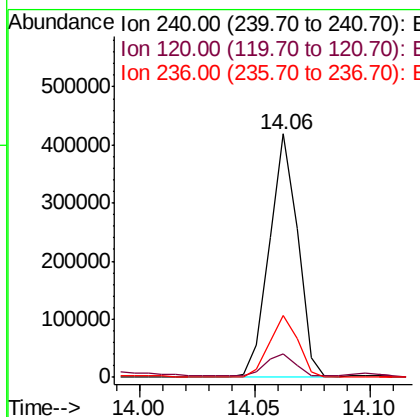
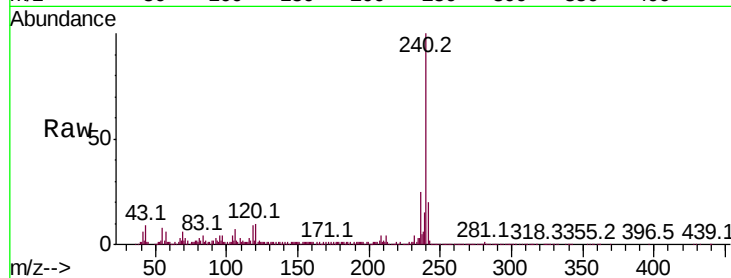




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111696.D
 Acq: 21 Dec 2018 19:19

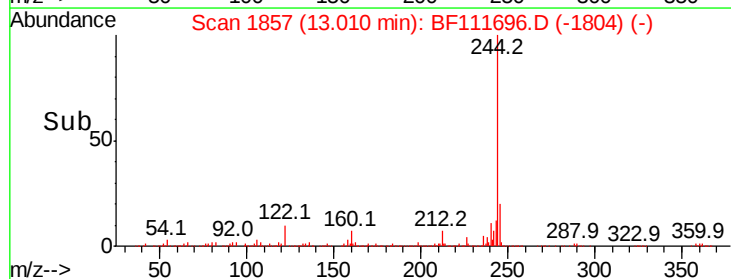
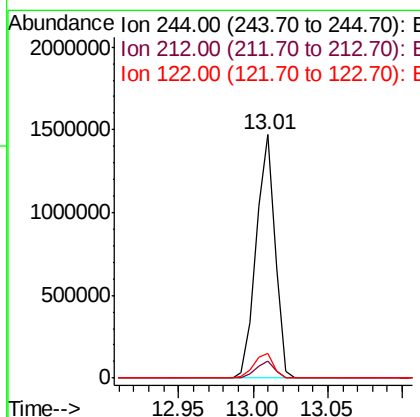
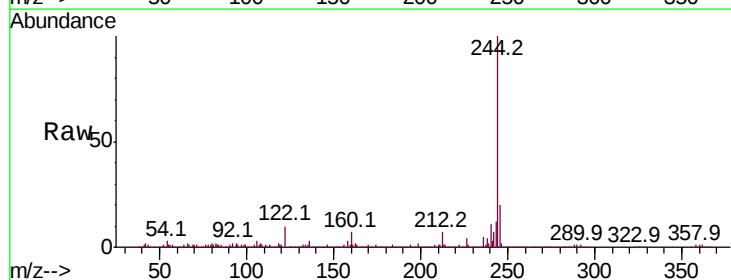
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 P001-SS018-0612-01

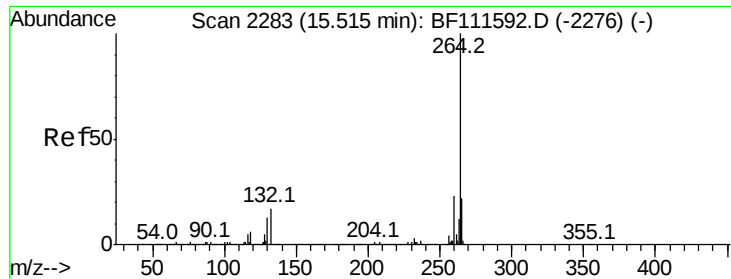
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.2	18.2#
236	25.3	20.2	30.2



#79
 Terphenyl-d14
 Concen: 67.447 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111696.D
 Acq: 21 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.2	13.1	19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111696.D
Acq: 21 Dec 2018 19:19

Instrument :
BNA_F
ClientSampleId :
P001-SS018-0612-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.7	17.7	26.5

