

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111697.D
 Acq On : 21 Dec 2018 19:46
 Operator : JU/SJ
 Sample : J6391-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

Quant Time: Dec 22 00:22:05 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

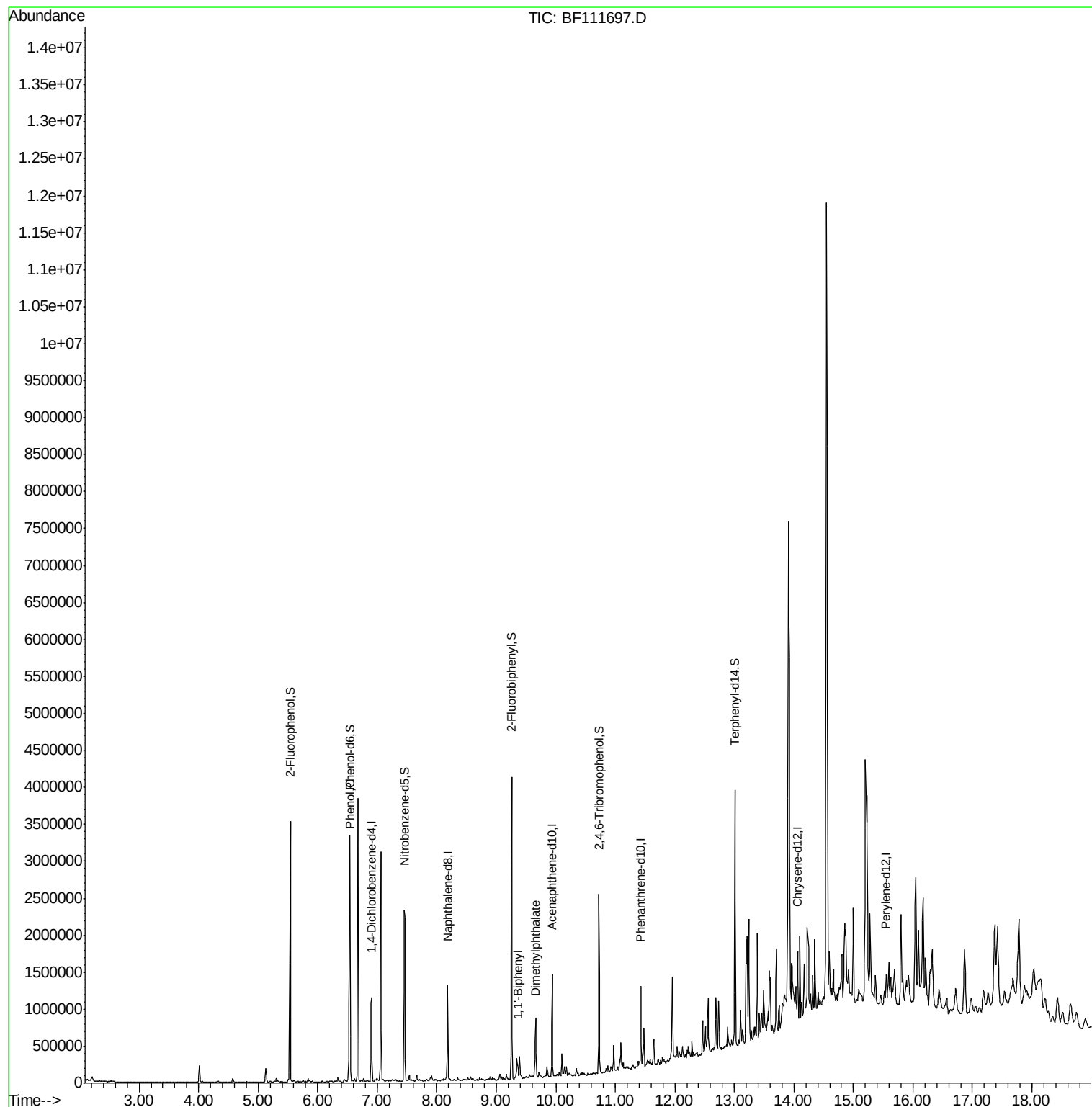
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	162549	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	565911	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	237983	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	406663	20.00	ng	0.01
76) Chrysene-d12	14.06	240	290361	20.00	ng	0.01
87) Perylene-d12	15.55	264	218522	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	925208	97.02	ng	0.02
7) Phenol-d6	6.54	99	1116849	92.03	ng	0.02
23) Nitrobenzene-d5	7.46	82	749704	77.11	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	264869	94.19	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1261901	77.29	ng	0.00
79) Terphenyl-d14	13.01	244	1068446	69.78	ng	0.01
Target Compounds						
10) Phenol	6.55	94	74095	5.411	ng	98
46) 1,1'-Biphenyl	9.36	154	64445	3.208	ng	94
50) Dimethylphthalate	9.65	163	69056	3.968	ng	# 83

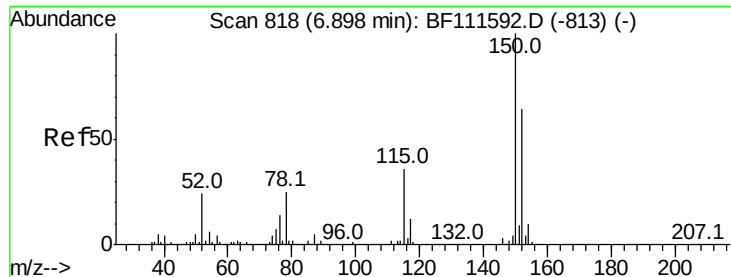
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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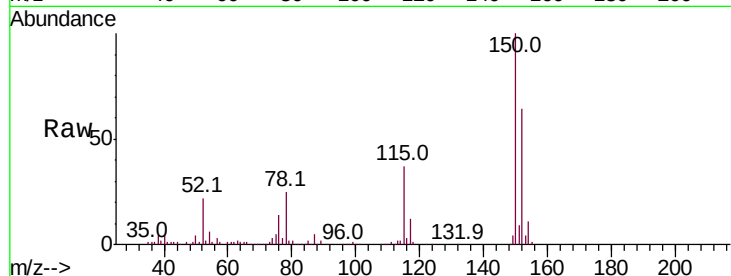


#1

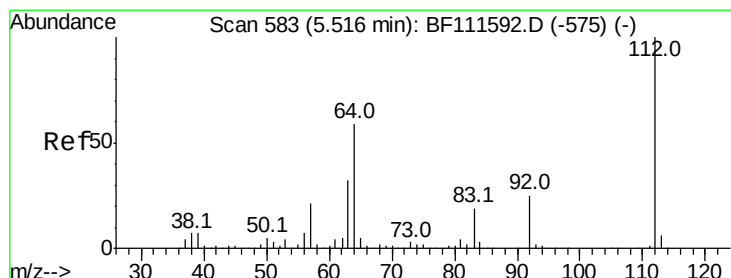
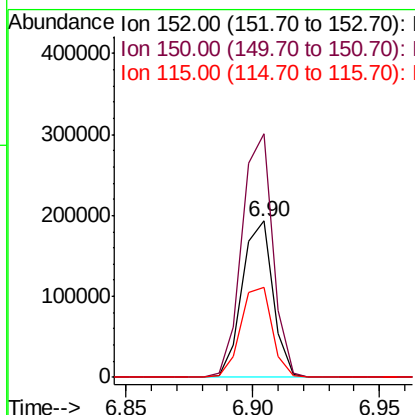
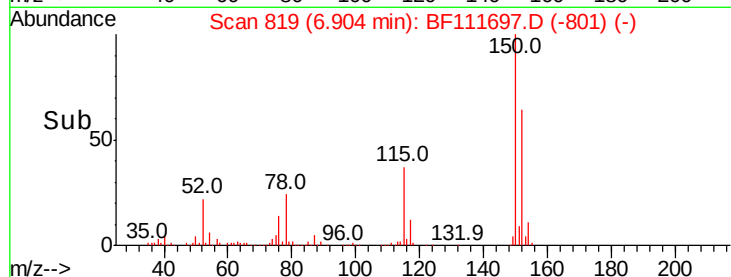
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tot Ion:152 Resp: 162549
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 57.2 50.7 76.1



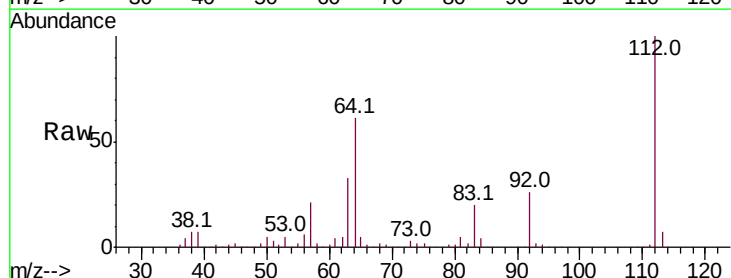
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



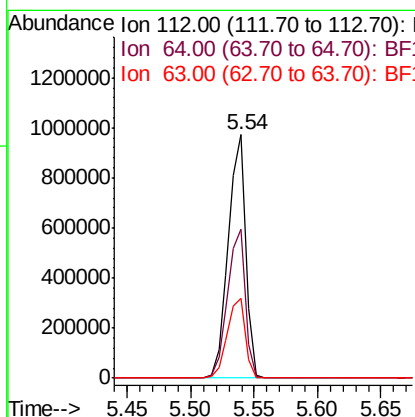
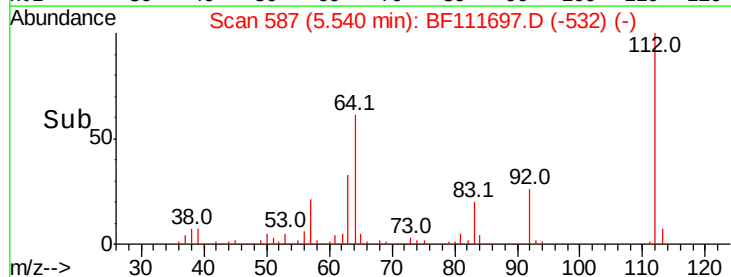
#5

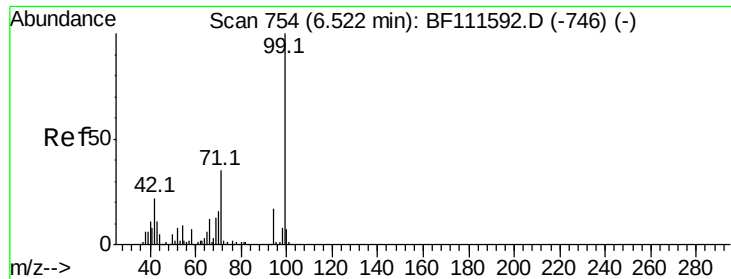
2-Fluorophenol
Concen: 97.020 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:112 Resp: 925208
Ion Ratio Lower Upper
112 100
64 60.9 51.8 77.6
63 33.0 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: 92.025 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

Instrument :

BNA_F

ClientSampleId :

P001-SS018-1218-01

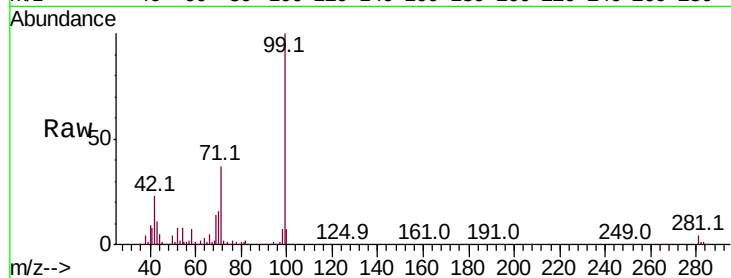
Tot Ion: 99 Resp: 1116849

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

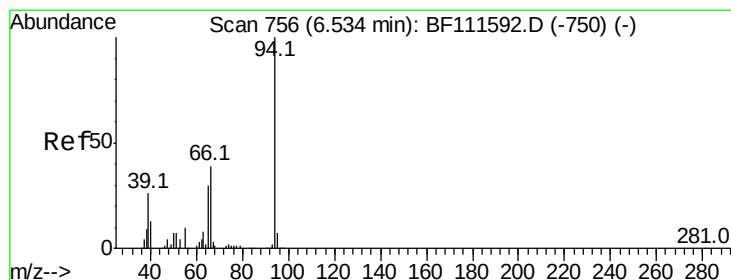
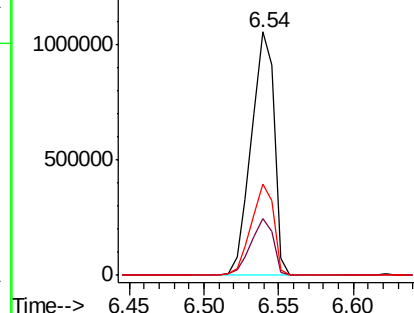
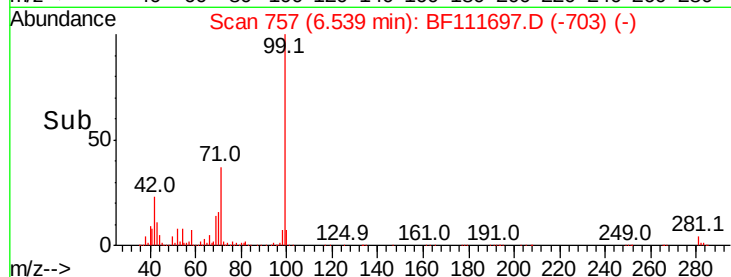
71 37.4 26.1 39.1



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



#10

Phenol

Concen: 5.411 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

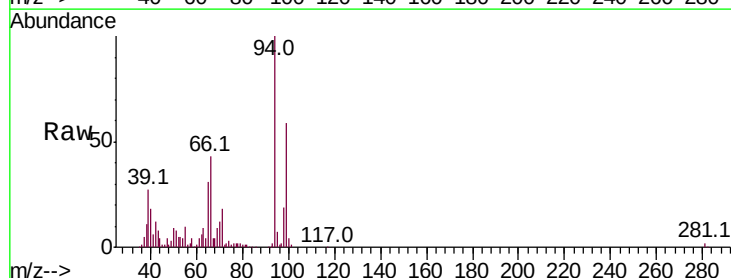
Tgt Ion: 94 Resp: 74095

Ion Ratio Lower Upper

94 100

65 31.0 11.7 51.7

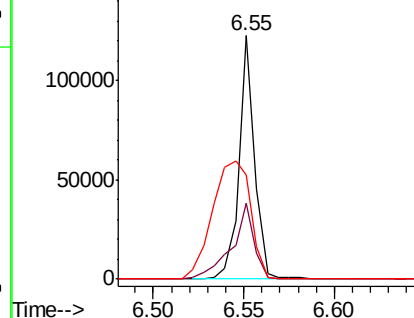
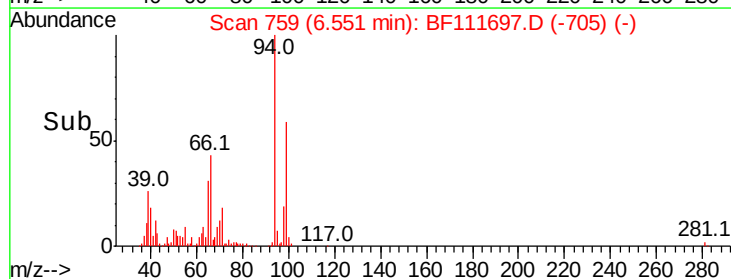
66 43.0 21.0 61.0

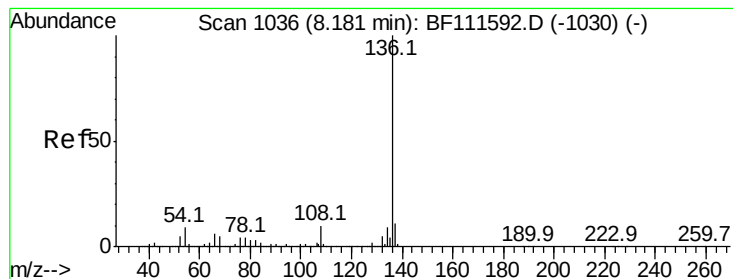


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

Instrument :

BNA_F

ClientSampleId :

P001-SS018-1218-01

Tot Ion:136 Resp: 565911

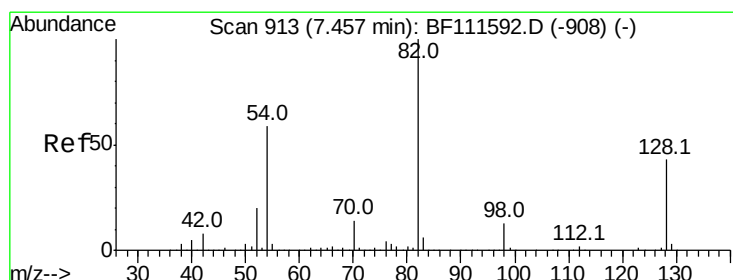
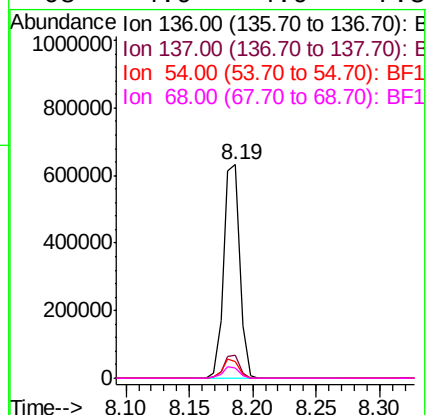
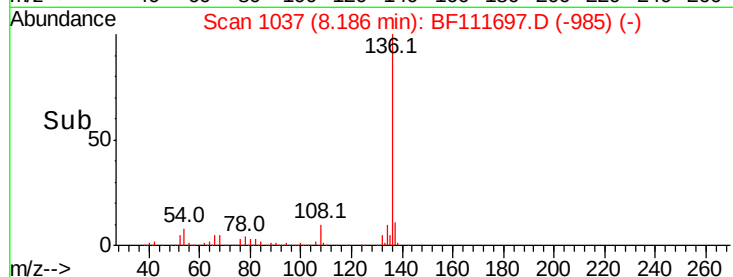
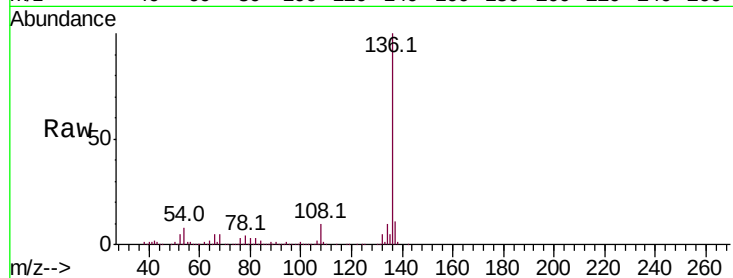
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 7.7 11.5

68 4.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 77.112 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

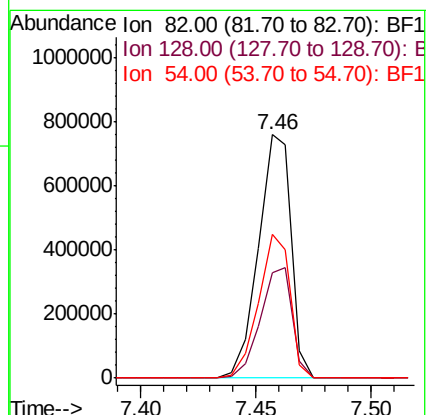
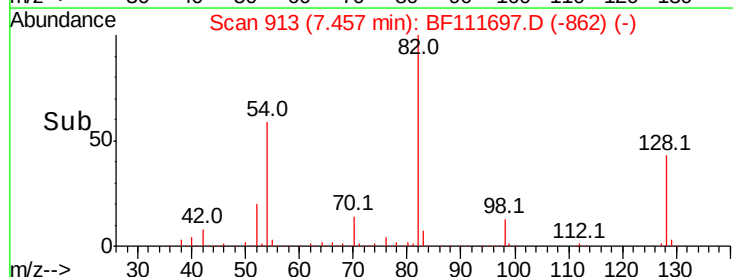
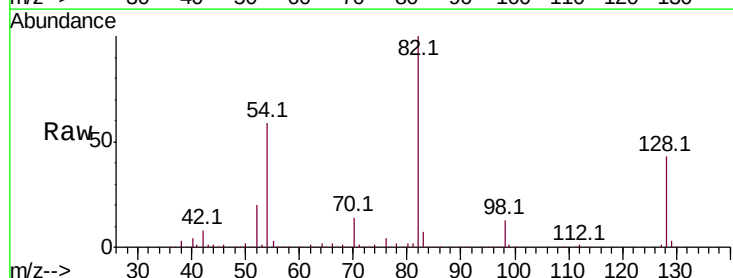
Tgt Ion: 82 Resp: 749704

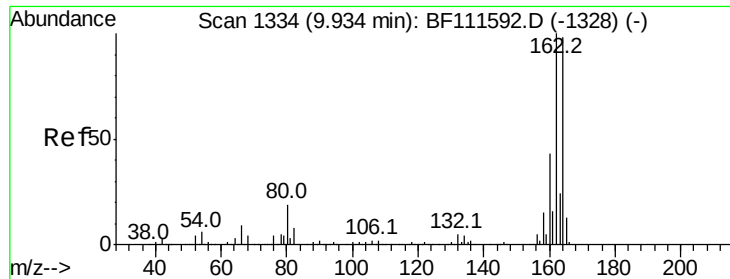
Ion Ratio Lower Upper

82 100

128 43.1 37.4 56.2

54 58.9 47.6 71.4

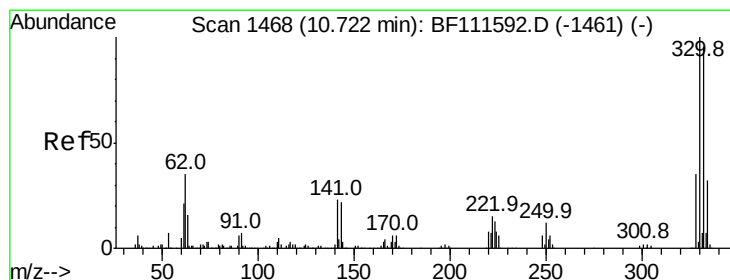
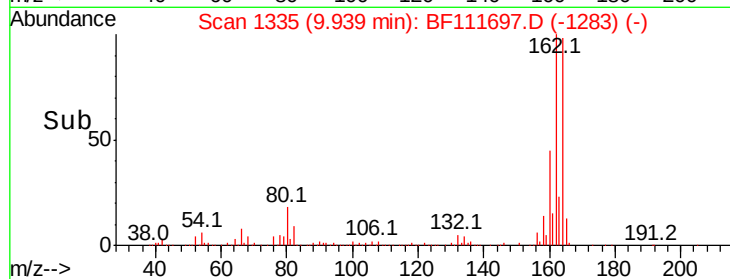
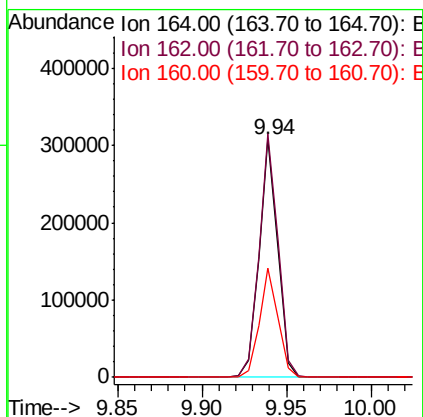
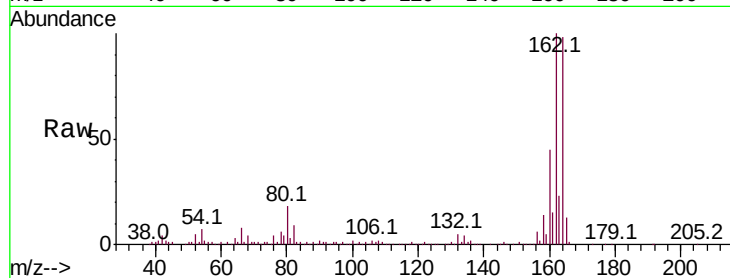




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

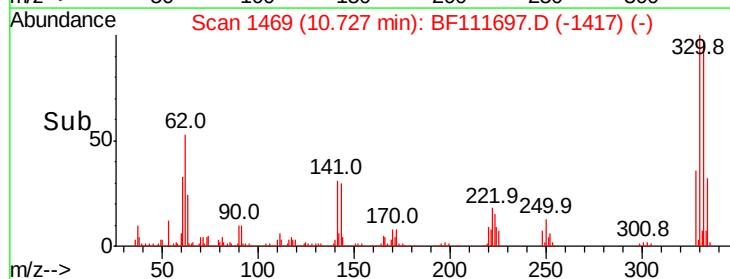
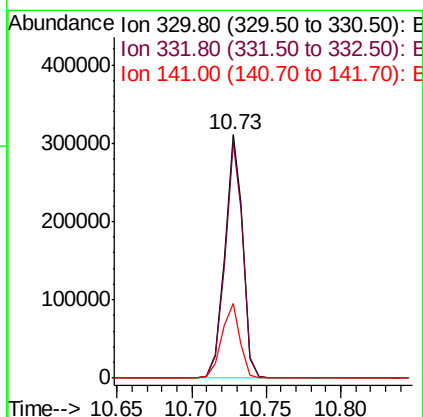
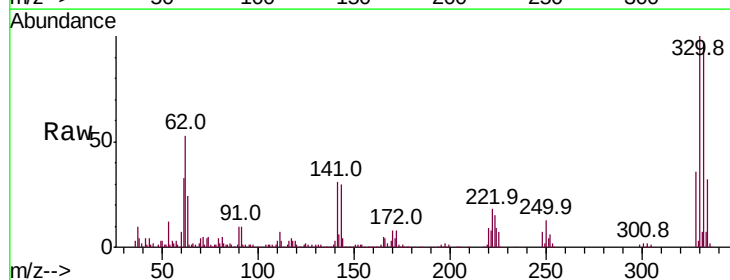
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

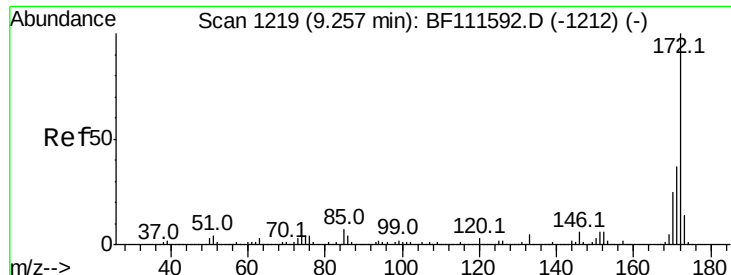
Tot Ion:164 Resp: 237983
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.4 122.0
 160 45.7 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 94.194 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Tgt Ion:330 Resp: 264869
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.0 114.0
 141 31.1 31.0 46.6



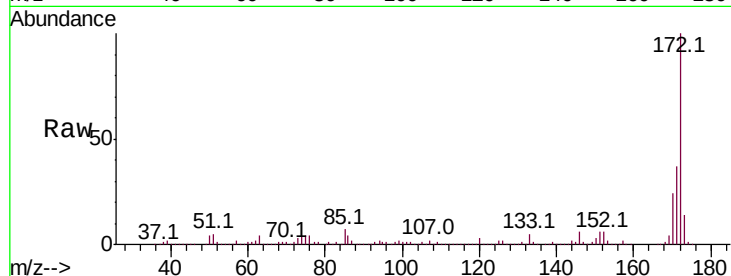


#45
 2-Fluorobiphenyl
 Concen: 77.288 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

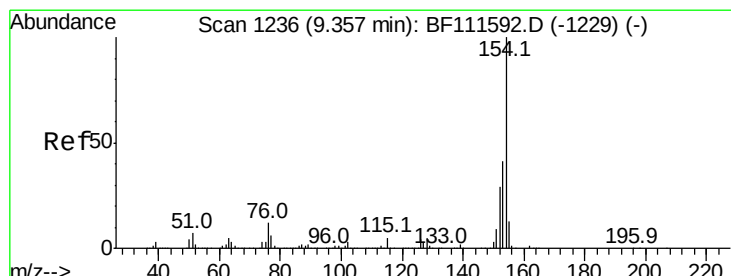
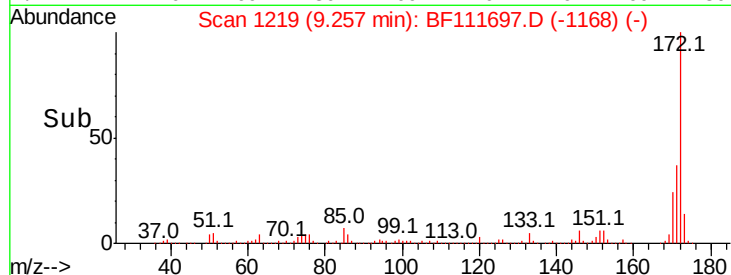
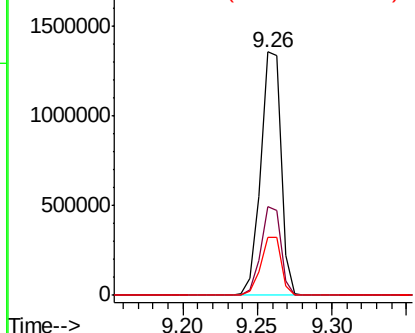
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

Tot Ion:172 Resp: 1261901

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	23.9	22.3	33.5



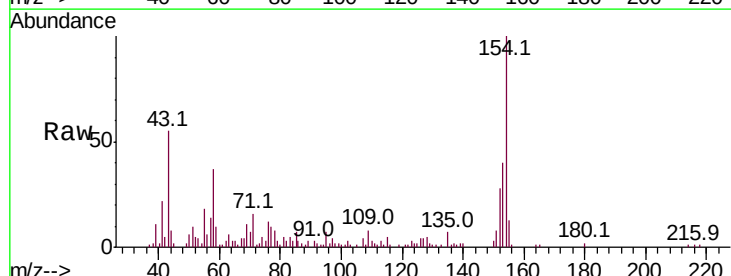
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



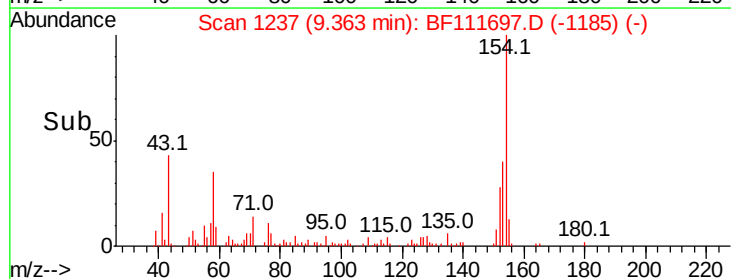
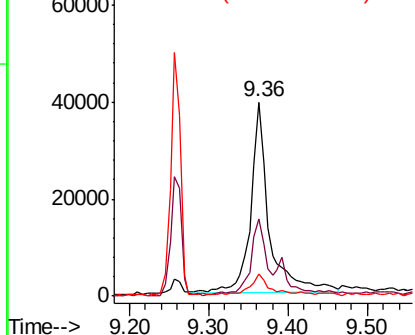
#46
 1,1'-Biphenyl
 Concen: 3.208 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

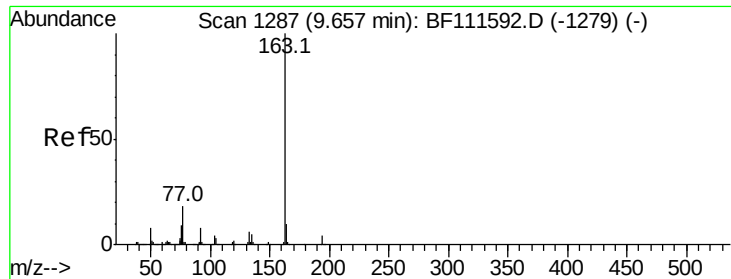
Tgt Ion:154 Resp: 64445

Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.7	63.7
76	11.7	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: 3.968 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

Instrument :

BNA_F

ClientSampleId :

P001-SS018-1218-01

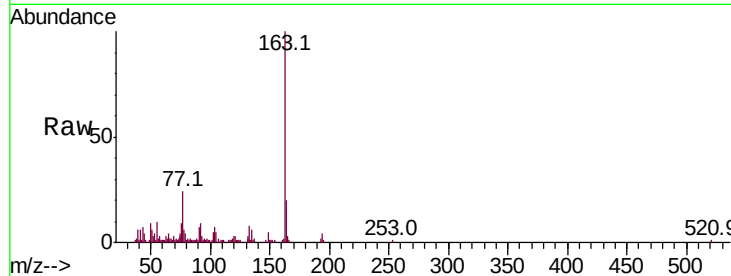
Tot Ion:163 Resp: 69056

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

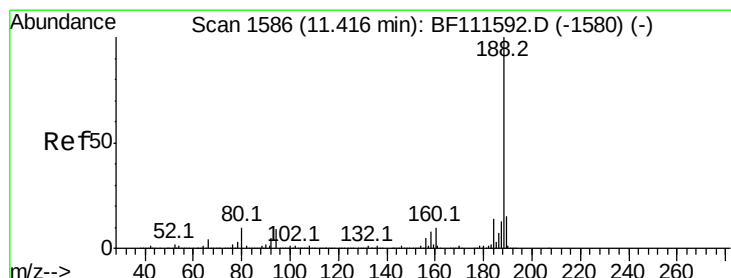
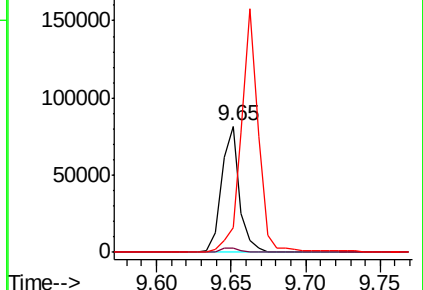
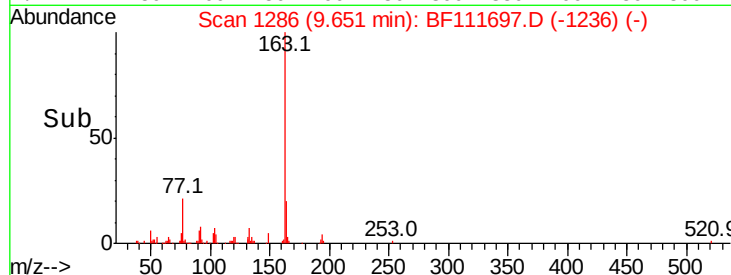
164 19.6 8.9 13.3#



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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

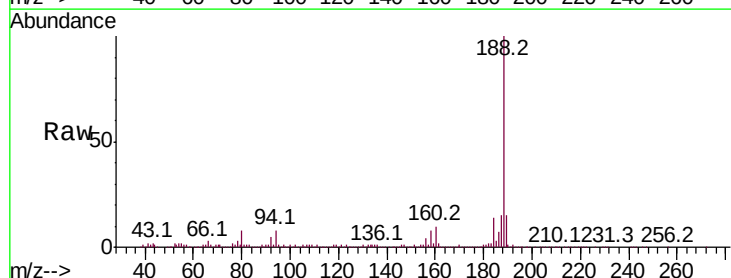
Tgt Ion:188 Resp: 406663

Ion Ratio Lower Upper

188 100

94 7.9 9.6 14.4#

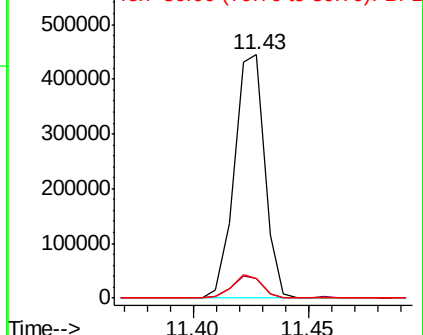
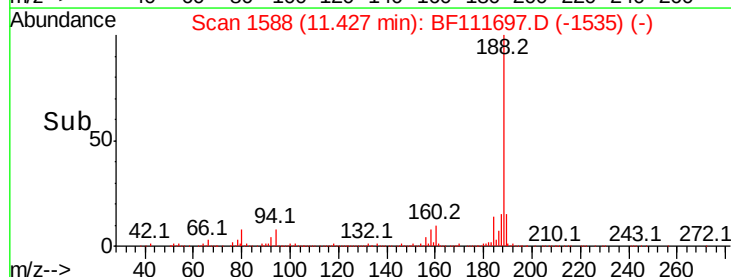
80 8.2 9.8 14.6#

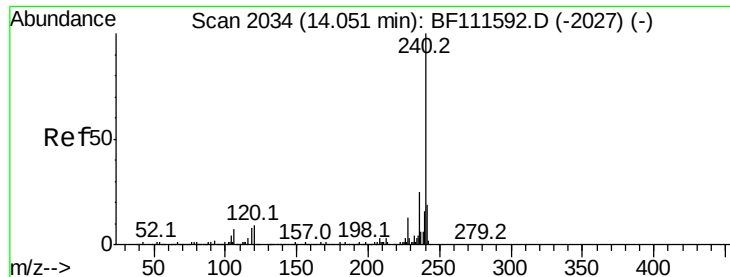


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

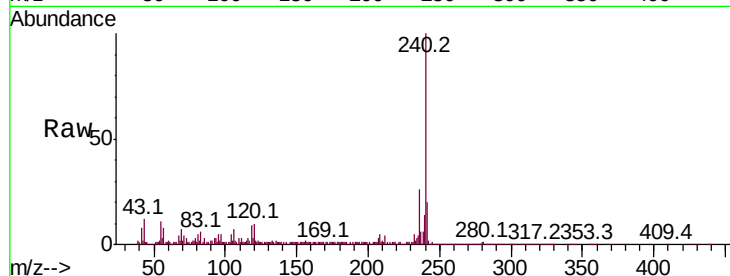




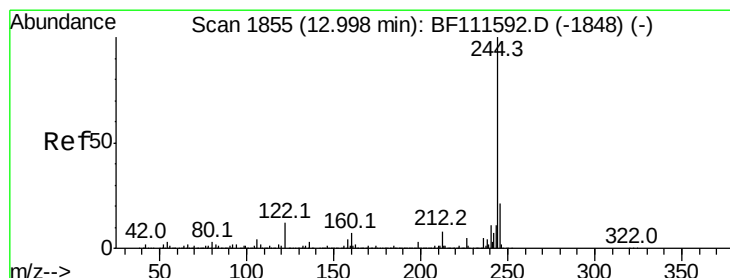
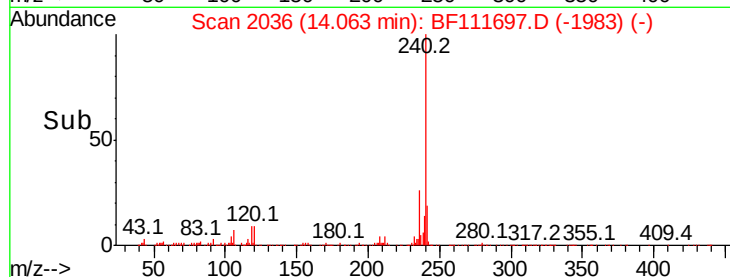
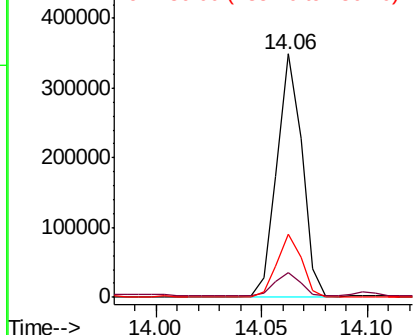
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	26.1	20.2	30.2

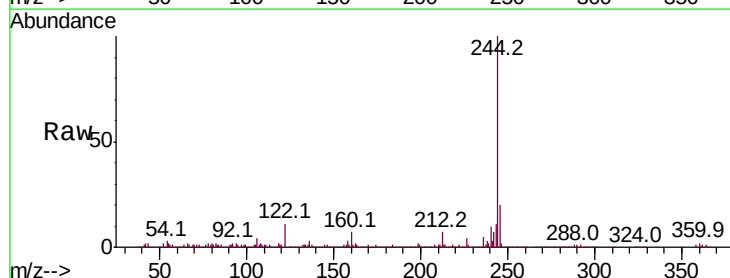


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

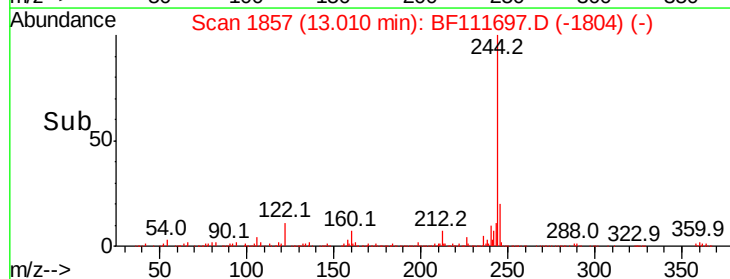
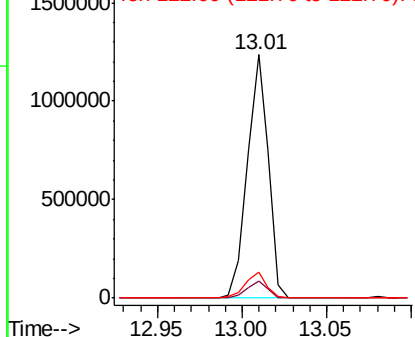


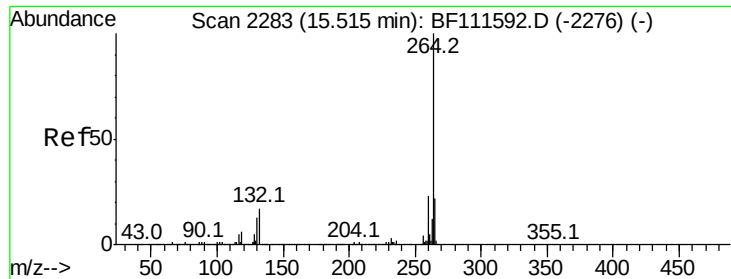
#79
 Terphenyl-d14
 Concen: 69.783 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.8	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

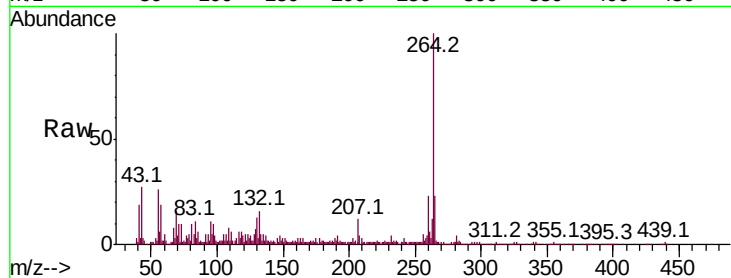




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	22.9	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

