

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111732.D
 Acq On : 26 Dec 2018 23:46
 Operator : JU/SJ
 Sample : J6505-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-57(0-12)-COMP

Quant Time: Dec 27 03:50:50 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

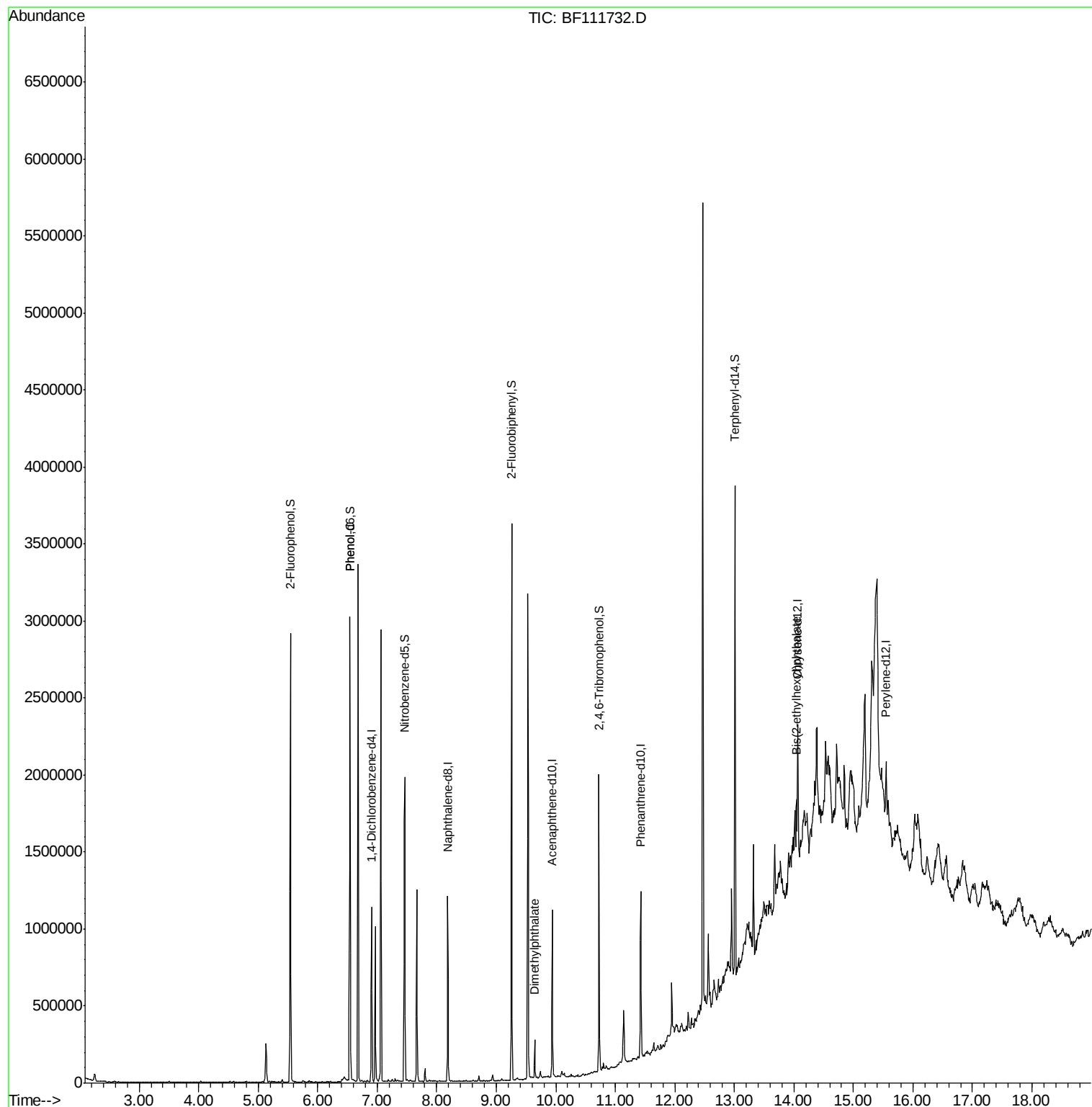
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144292	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	488127	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	209100	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	363605	20.00	ng	0.01
76) Chrysene-d12	14.06	240	295416	20.00	ng	0.01
87) Perylene-d12	15.55	264	220741	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	766377	90.53	ng	0.03
7) Phenol-d6	6.55	99	945139	87.73	ng	0.02
23) Nitrobenzene-d5	7.46	82	594771	70.92	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	217134	87.88	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1083512	75.53	ng	0.00
79) Terphenyl-d14	13.01	244	1035539	66.48	ng	0.01
Target Compounds						
10) Phenol	6.55	94	44049	3.624	ng	79
50) Dimethylphthalate	9.65	163	97179	6.355	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	93020	8.684	ng	# 97

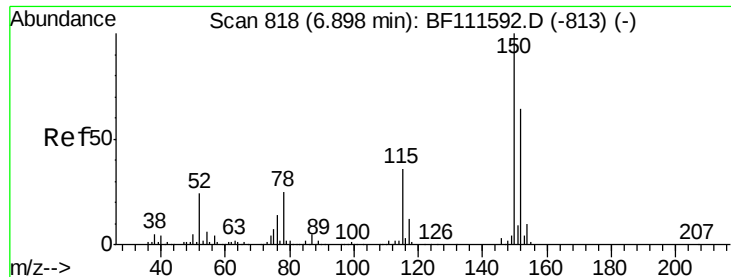
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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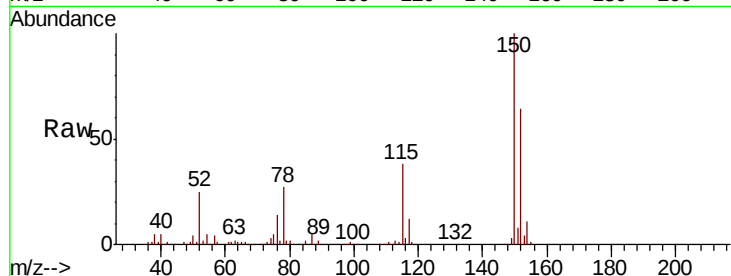


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111732.D
 Acq: 26 Dec 2018 23:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-57(0-12)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	59.5	50.7	76.1

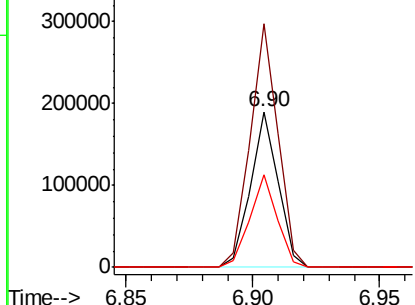
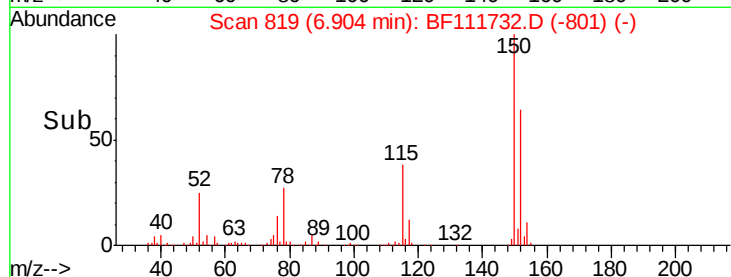


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

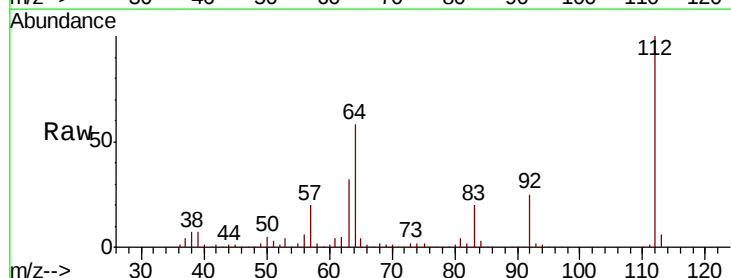
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 90.533 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.03 min
 Lab File: BF111732.D
 Acq: 26 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	51.8	77.6
63	32.1	26.8	40.2

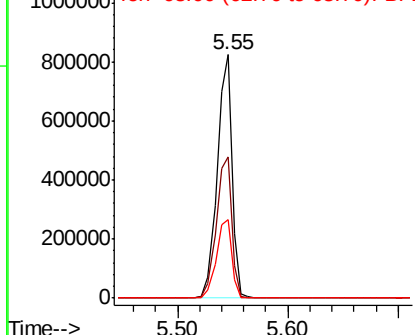
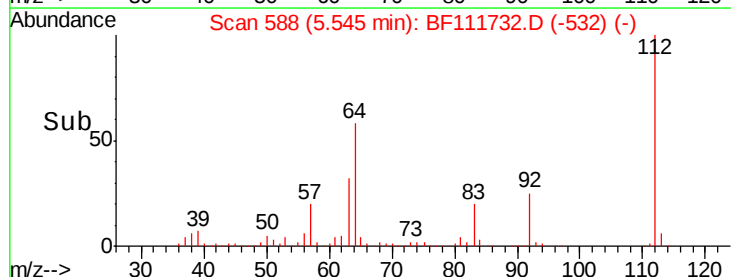


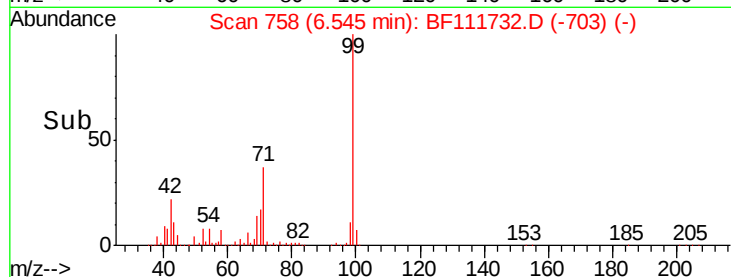
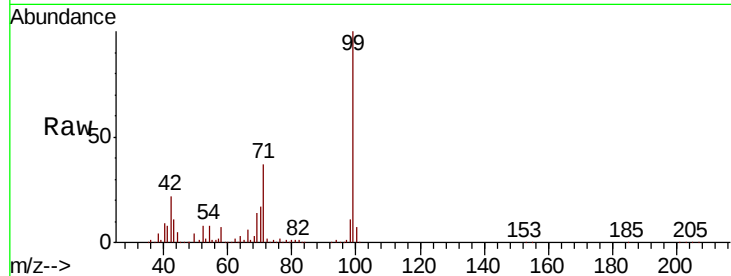
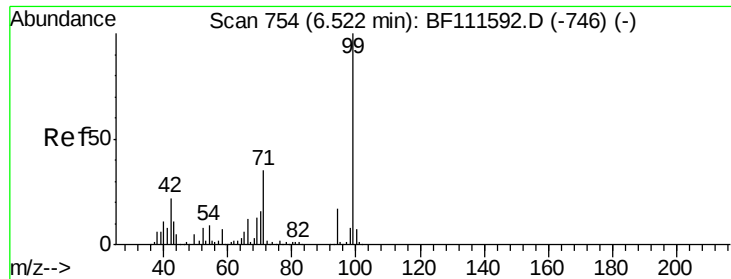
Abundance

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: 87.730 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

Instrument :

BNA_F

ClientSampleId :

SB-57(0-12)-COMP

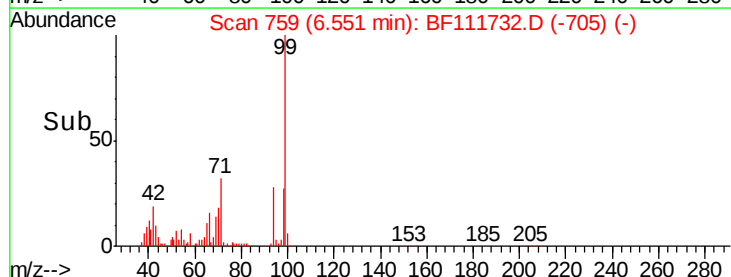
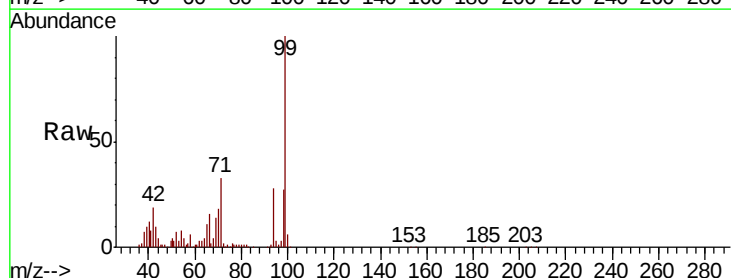
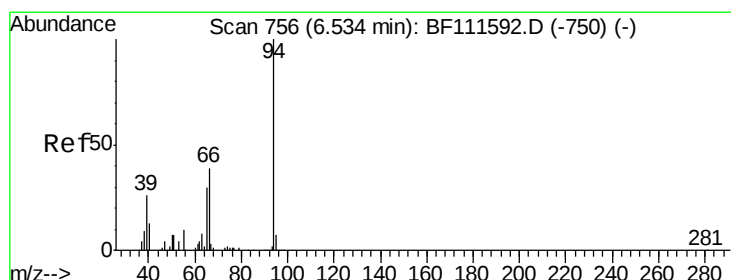
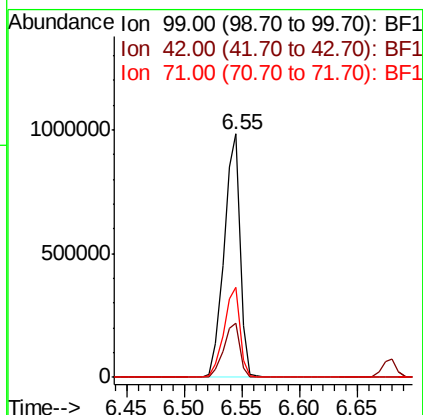
Tot Ion: 99 Resp: 945139

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

71 37.1 26.1 39.1



#10

Phenol

Concen: 3.624 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

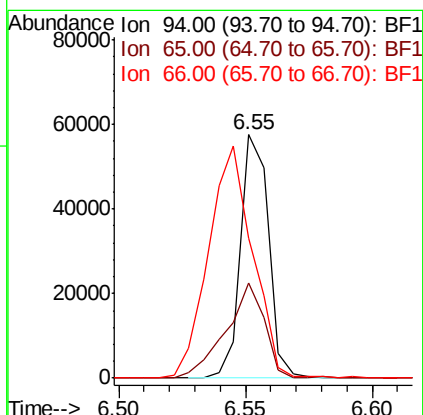
Tgt Ion: 94 Resp: 44049

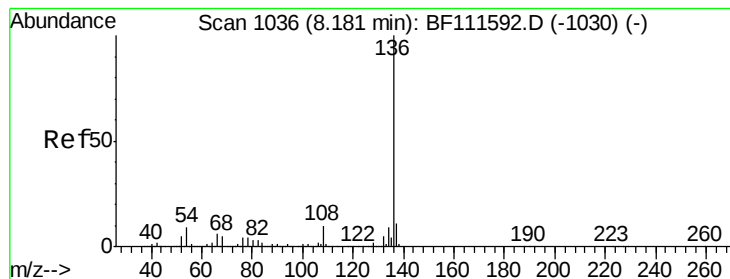
Ion Ratio Lower Upper

94 100

65 39.2 11.7 51.7

66 57.7 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

Instrument :

BNA_F

ClientSampleId :

SB-57(0-12)-COMP

Tot Ion:136 Resp: 488127

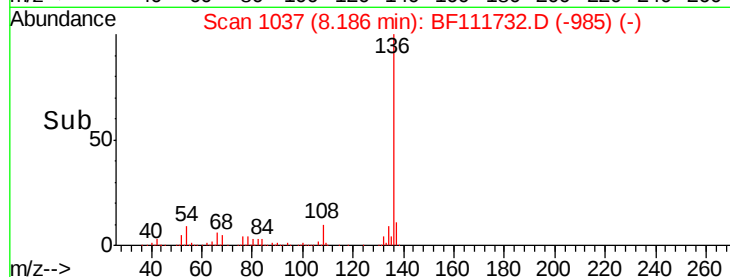
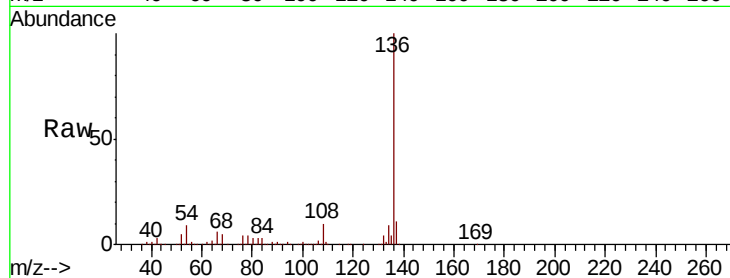
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.6 7.7 11.5

68 5.3 4.9 7.3

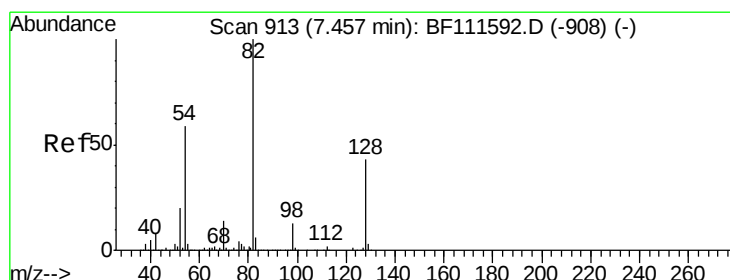
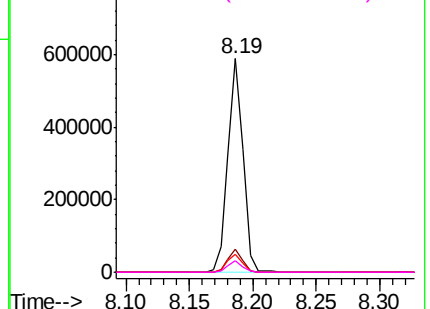


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.925 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

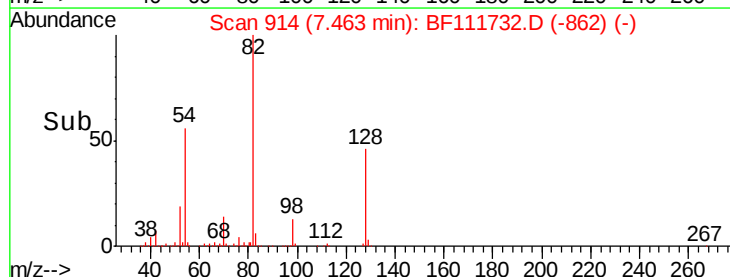
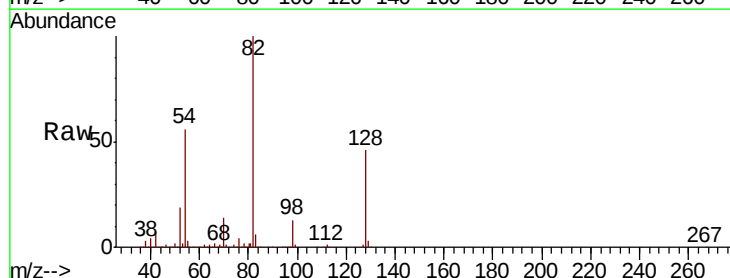
Tgt Ion: 82 Resp: 594771

Ion Ratio Lower Upper

82 100

128 46.3 37.4 56.2

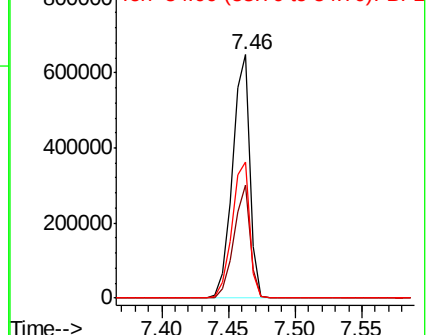
54 55.9 47.6 71.4

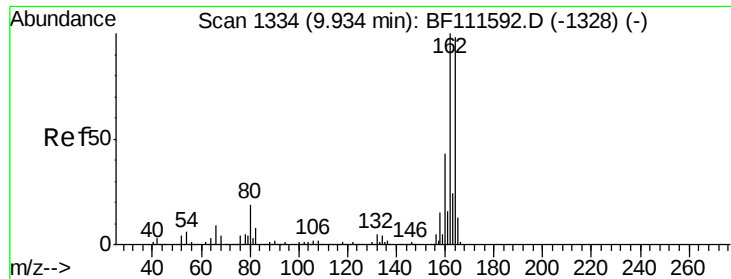


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

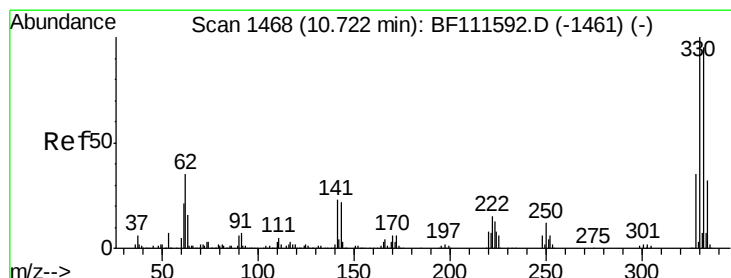
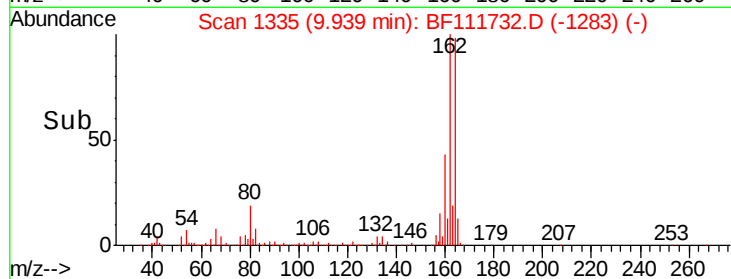
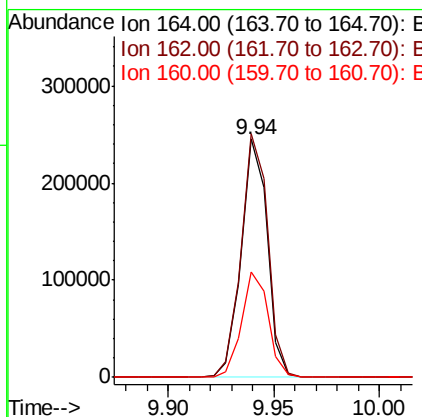
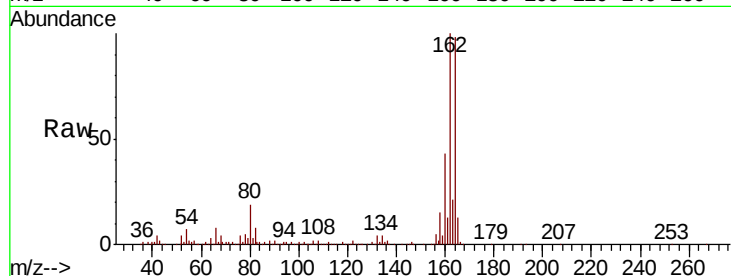




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111732.D
 Acq: 26 Dec 2018 23:46

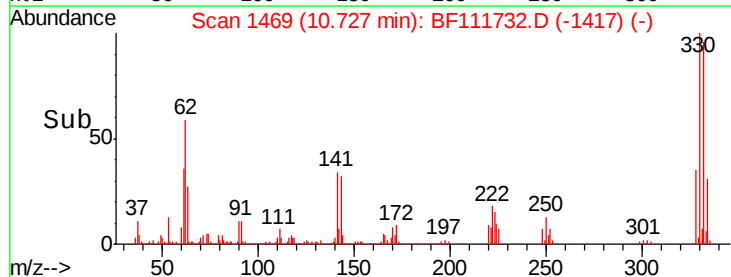
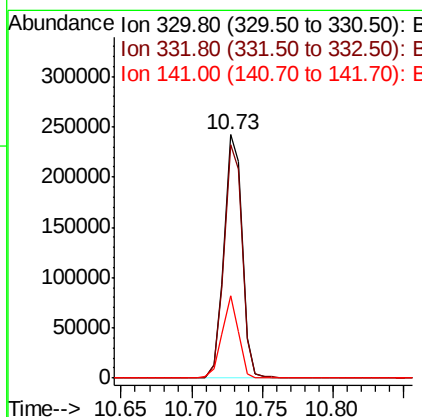
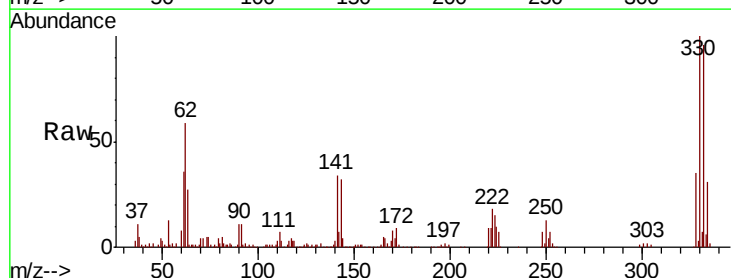
Instrument :
 BNA_F
 ClientSampleId :
 SB-57(0-12)-COMP

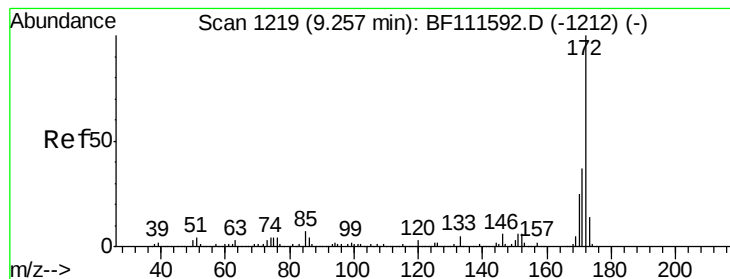
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	44.3	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 87.884 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111732.D
 Acq: 26 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	31.3	31.0	46.6





#45

2-Fluorobiphenyl

Concen: 75.529 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

Instrument :

BNA_F

ClientSampleId :

SB-57(0-12)-COMP

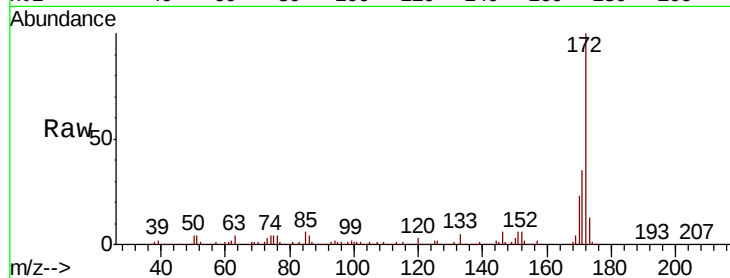
Tot Ion:172 Resp: 1083512

Ion Ratio Lower Upper

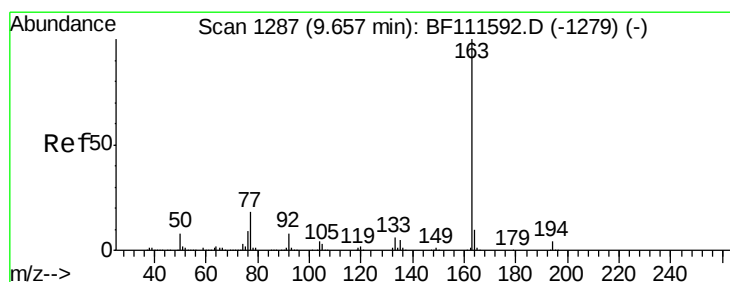
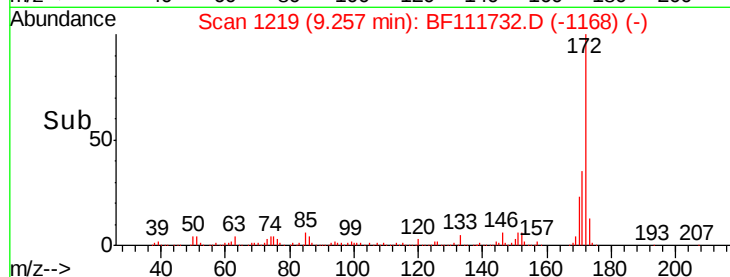
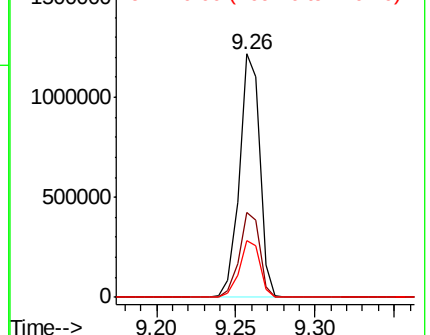
172 100

171 35.1 33.0 49.4

170 23.4 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: 6.355 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

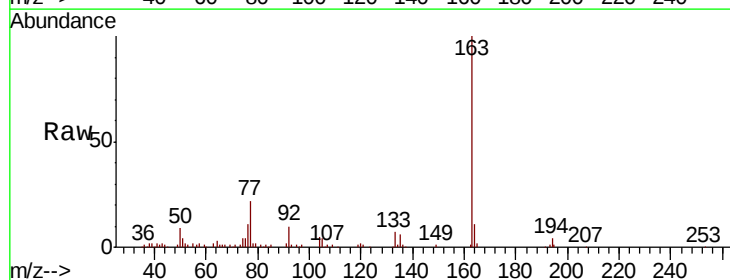
Tgt Ion:163 Resp: 97179

Ion Ratio Lower Upper

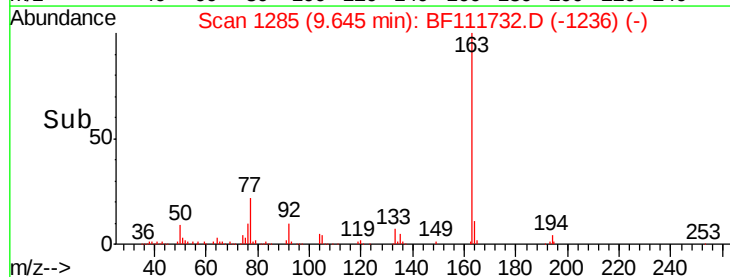
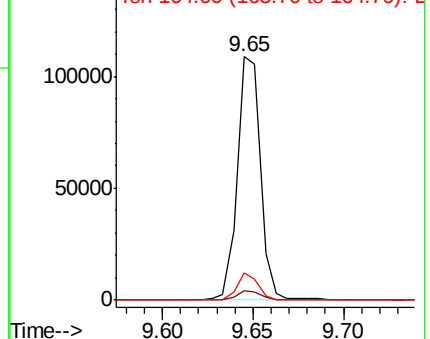
163 100

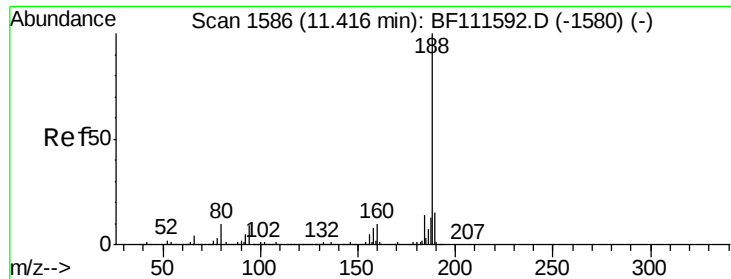
194 3.8 3.0 4.6

164 11.0 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

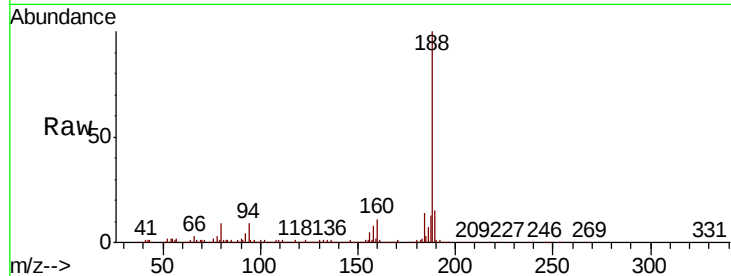




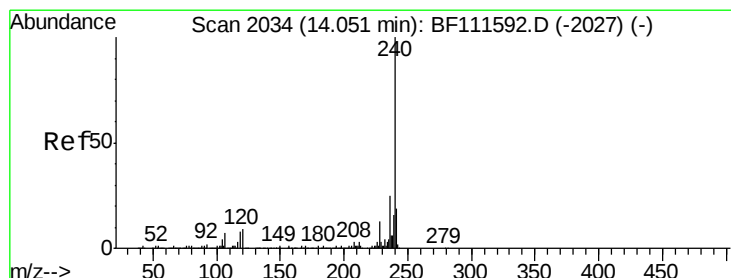
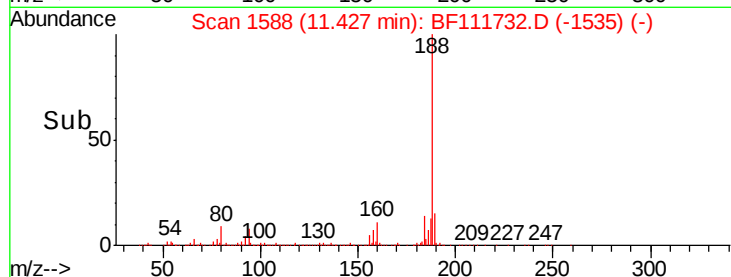
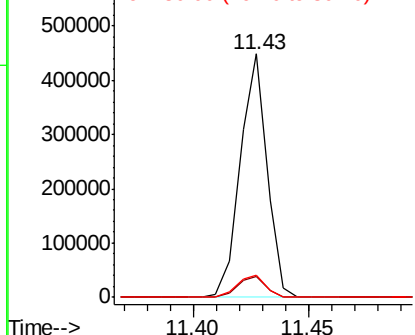
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Instrument :
BNA_F
ClientSampleId :
SB-57(0-12)-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	8.9	9.8	14.6#

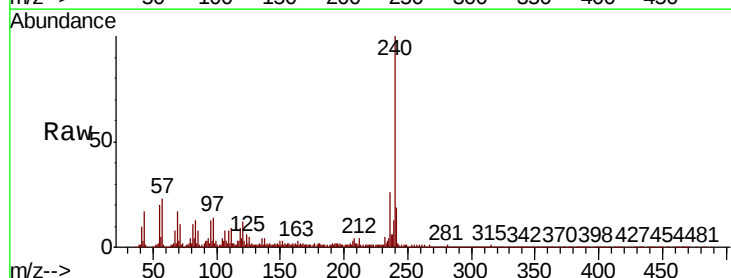


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

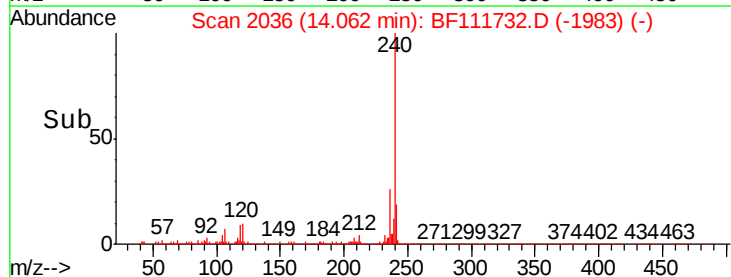
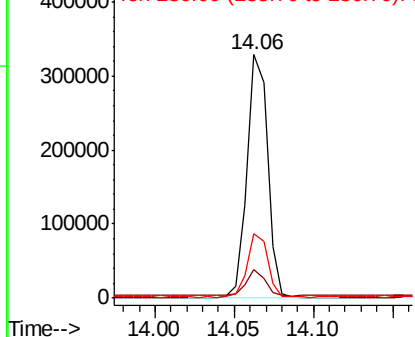


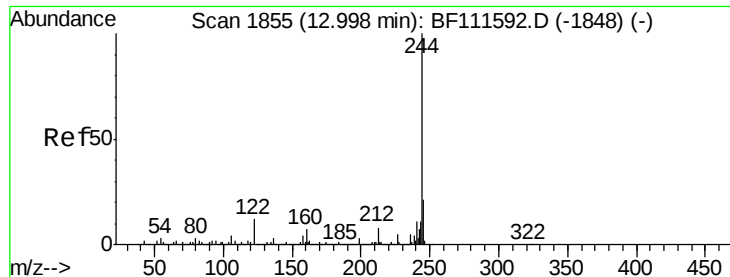
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111732.D
Acq: 26 Dec 2018 23:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.2	18.2#
236	26.2	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: 66.476 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

Instrument :

BNA_F

ClientSampleId :

SB-57(0-12)-COMP

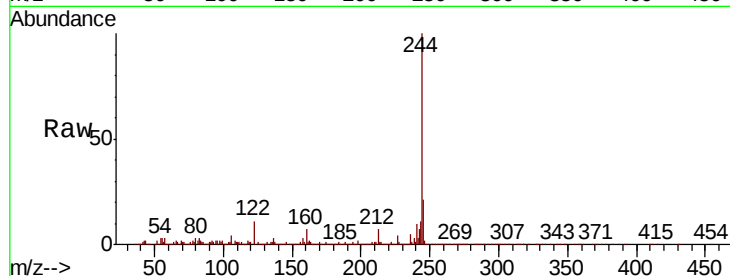
Tot Ion:244 Resp: 1035539

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

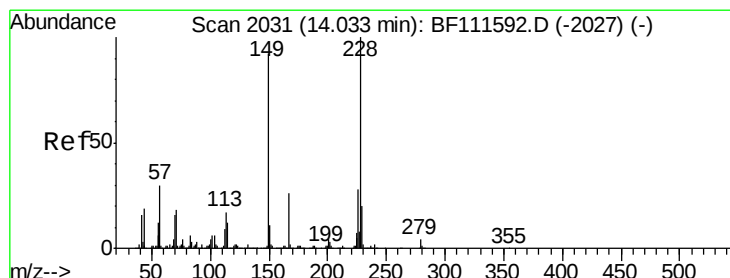
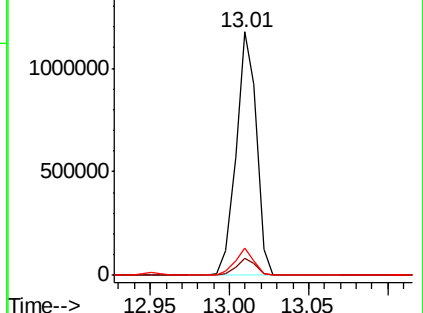
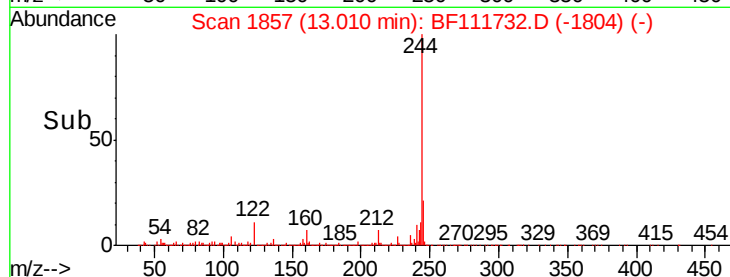
122 11.0 13.1 19.7#



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: 8.684 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111732.D

Acq: 26 Dec 2018 23:46

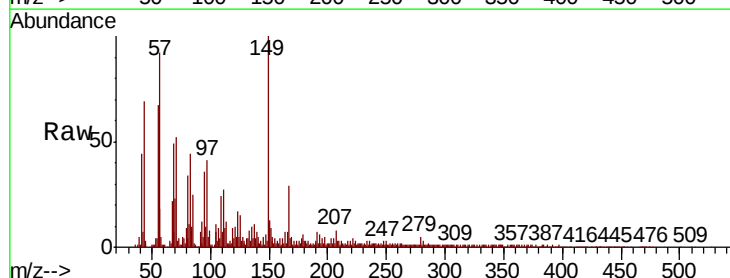
Tgt Ion:149 Resp: 93020

Ion Ratio Lower Upper

149 100

167 29.4 22.5 33.7

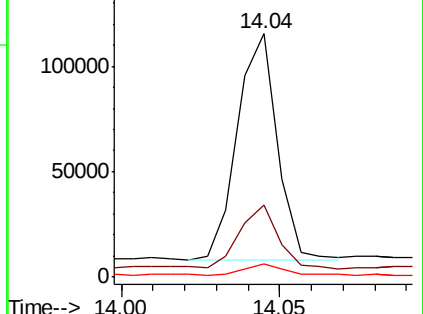
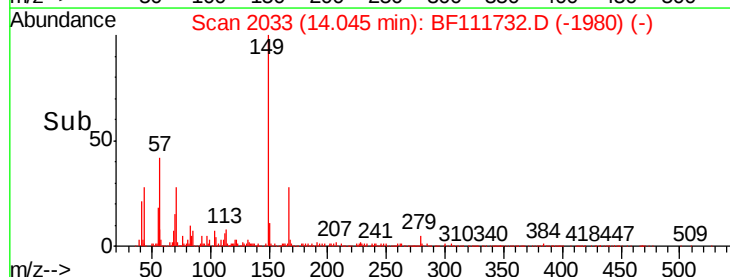
279 5.3 2.6 4.0#

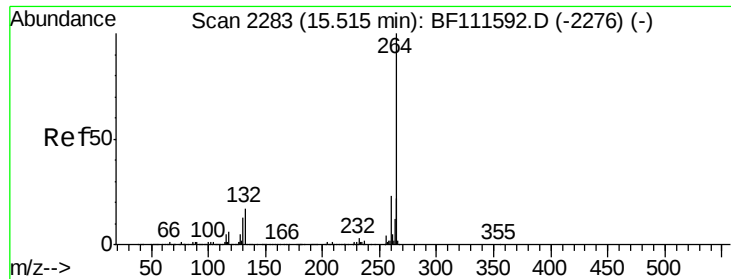


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

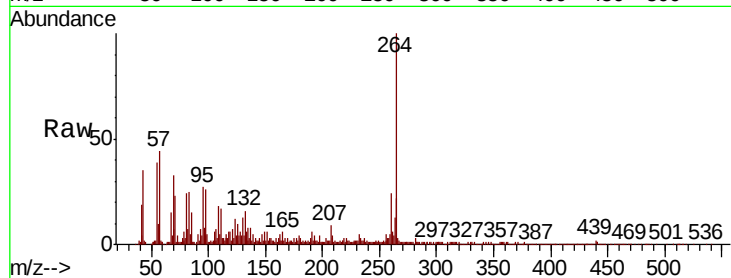




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.04 min
 Lab File: BF111732.D
 Acq: 26 Dec 2018 23:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-57(0-12)-COMP

Tot Ion:264 Resp: 220741
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.3 27.5
 265 22.0 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

