

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111747.D
 Acq On : 27 Dec 2018 7:12
 Operator : JU/SJ
 Sample : J6533-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22949

Quant Time: Dec 27 07:58:06 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

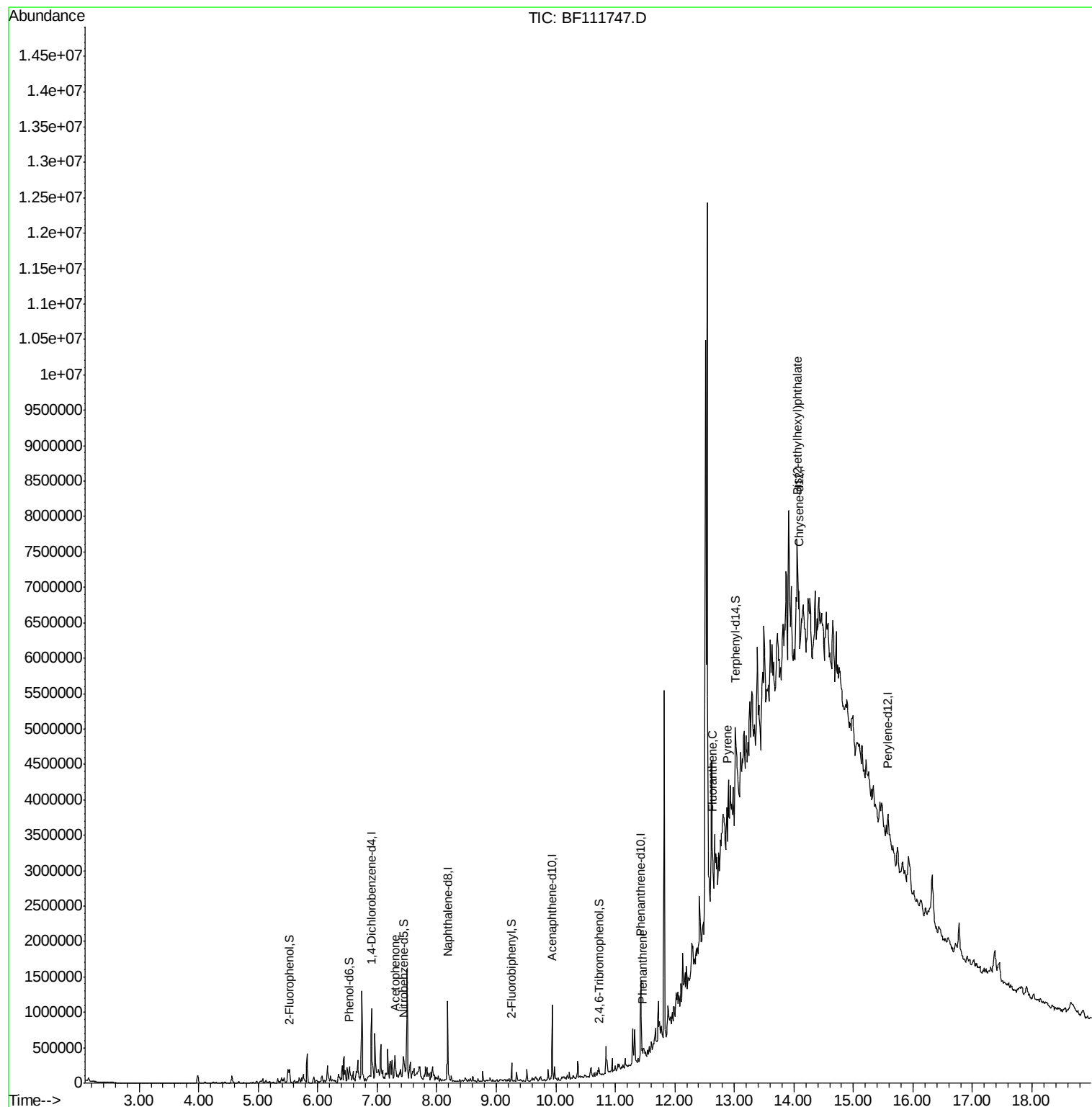
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	122429	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	427170	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	192511	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	364806	20.00	ng	0.01
76) Chrysene-d12	14.09	240	227120	20.00	ng	0.04
87) Perylene-d12	15.58	264	205356	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	44489	6.19	ng	0.01
7) Phenol-d6	6.53	99	55969	6.12	ng	0.01
23) Nitrobenzene-d5	7.46	82	39857	5.43	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	13324	5.86	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	68698	5.20	ng	0.00
79) Terphenyl-d14	13.02	244	62812	5.24	ng	0.02
Target Compounds						
22) Acetophenone	7.30	105	30110	2.782	ng	# 41
71) Phenanthrene	11.45	178	43435	2.245	ng	# 94
75) Fluoranthene	12.65	202	48318	2.466	ng	# 89
78) Pyrene	12.87	202	46703	2.912	ng	# 91
84) Bis(2-ethylhexyl)phthalate	14.06	149	449327	54.563	ng	# 100

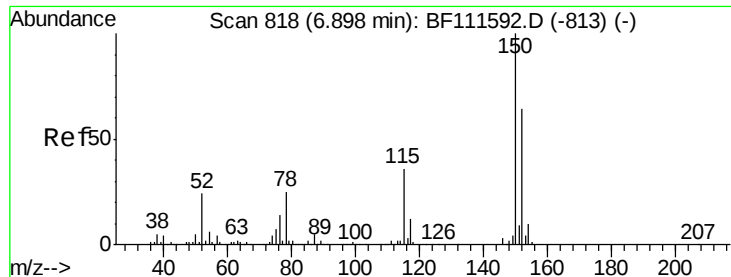
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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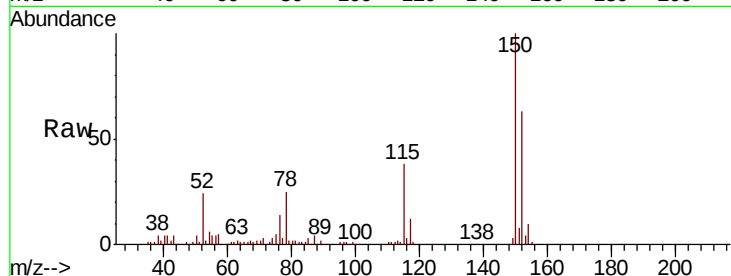


#1

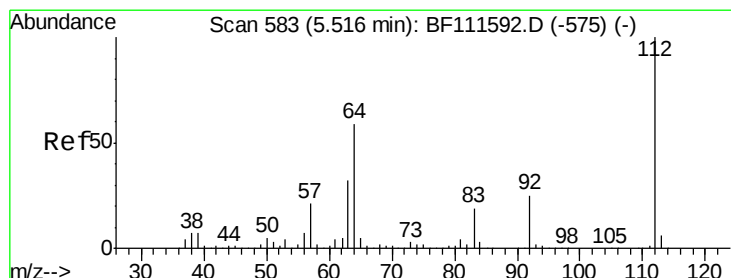
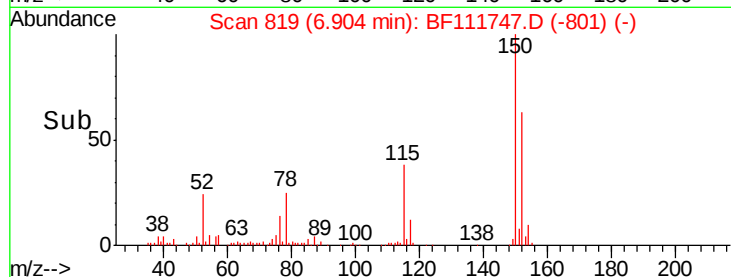
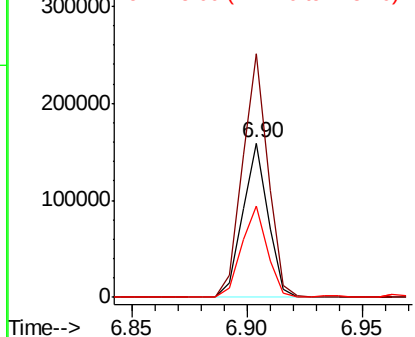
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111747.D
Acq: 27 Dec 2018 7:12

Instrument :
BNA_F
ClientSampleId :
22949

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	59.5	50.7	76.1



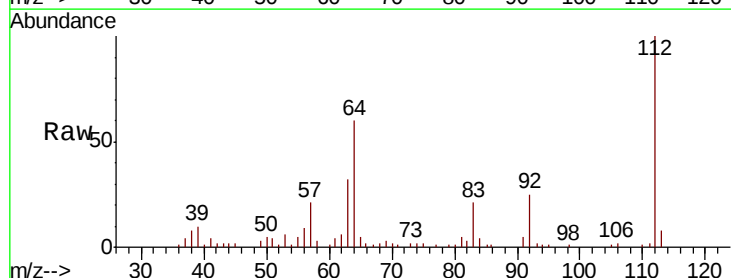
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



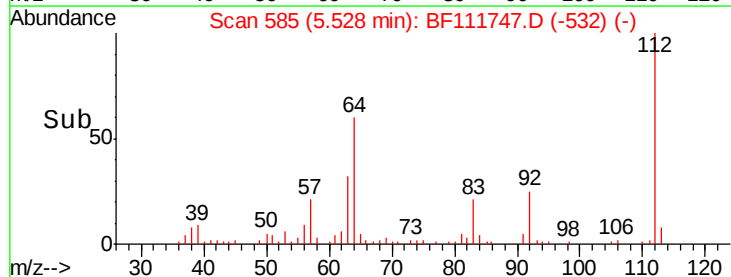
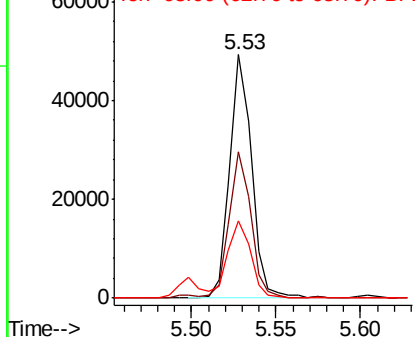
#5

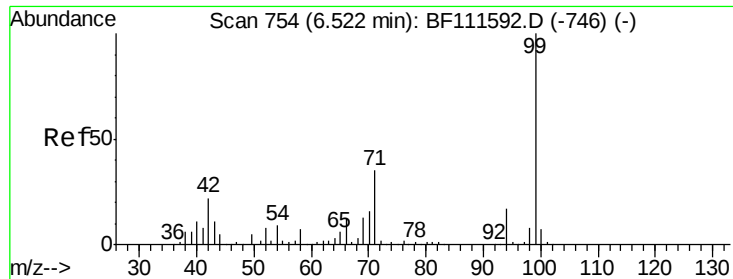
2-Fluorophenol
Concen: 6.194 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111747.D
Acq: 27 Dec 2018 7:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	51.8	77.6
63	31.9	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: 6.123 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

Instrument :

BNA_F

ClientSampleId :

22949

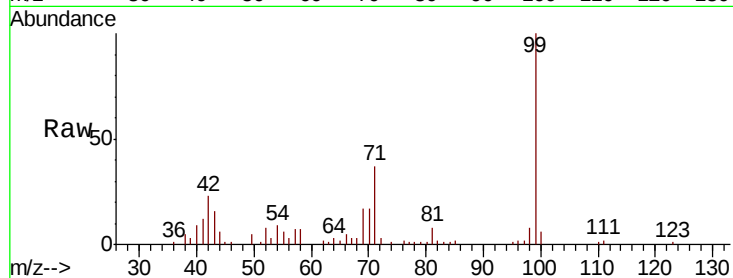
Tot Ion: 99 Resp: 55969

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

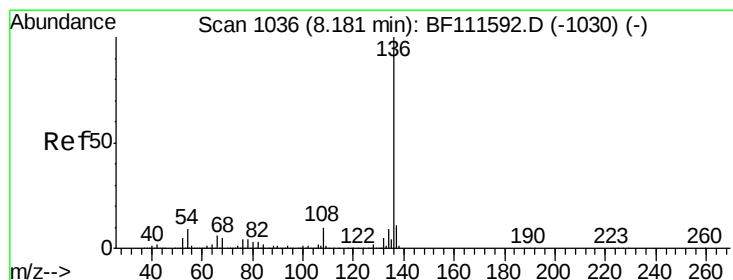
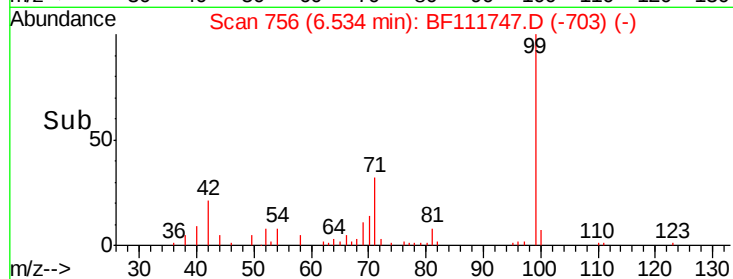
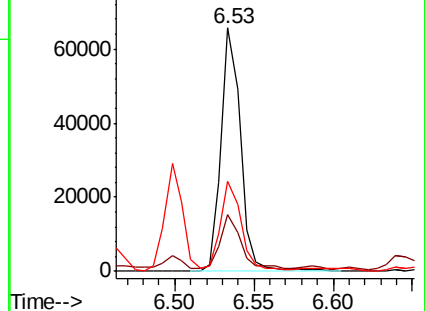
71 36.8 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

Tgt Ion: 136 Resp: 427170

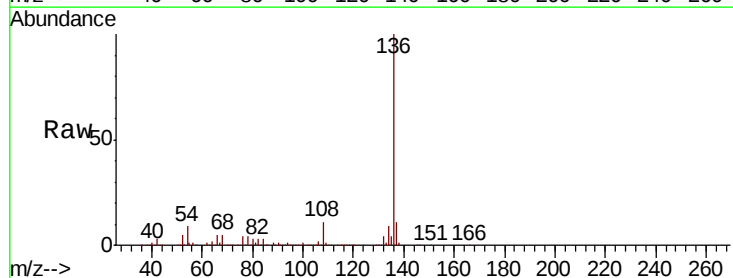
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.6 7.7 11.5

68 5.1 4.9 7.3

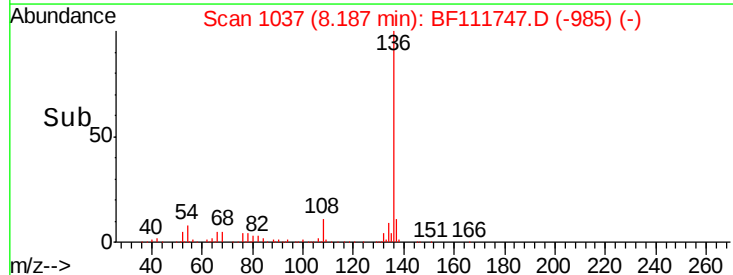
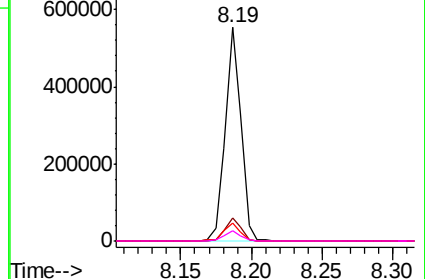


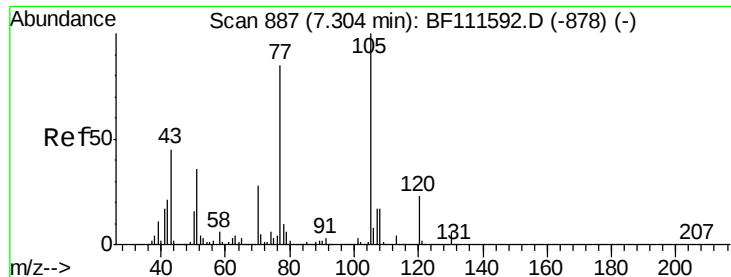
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.782 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

Instrument :

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ClientSampleId :

22949

Tot Ion:105 Resp: 30110

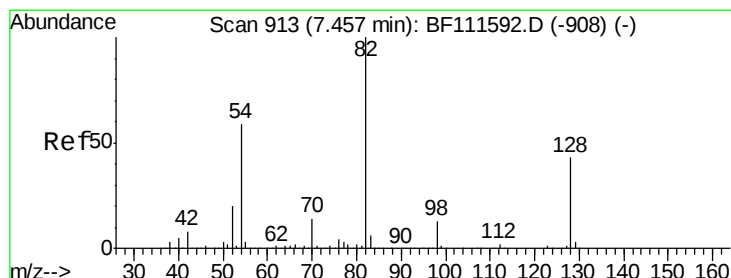
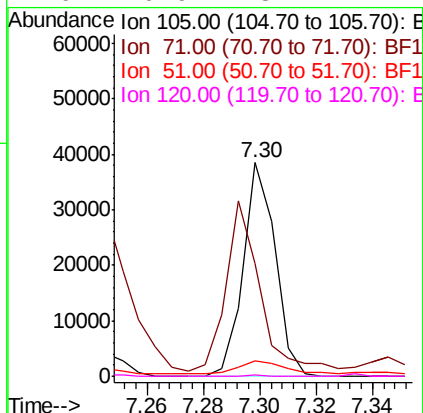
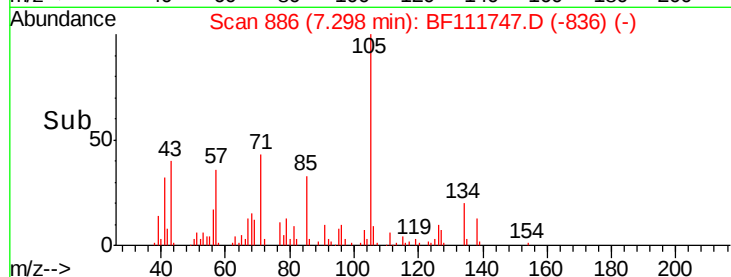
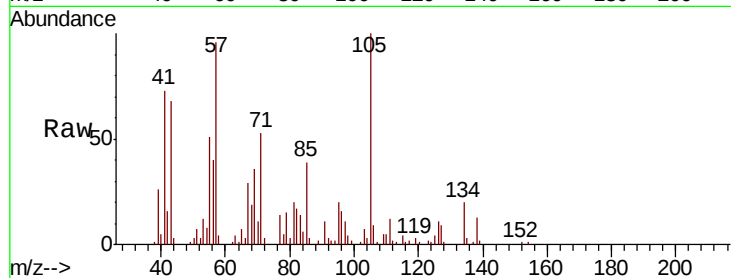
Ion Ratio Lower Upper

105 100

71 52.9 3.1 4.7#

51 7.3 36.6 54.8#

120 0.9 18.2 27.4#



#23

Nitrobenzene-d5

Concen: 5.431 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

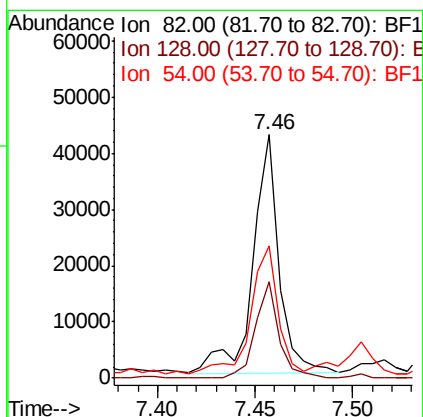
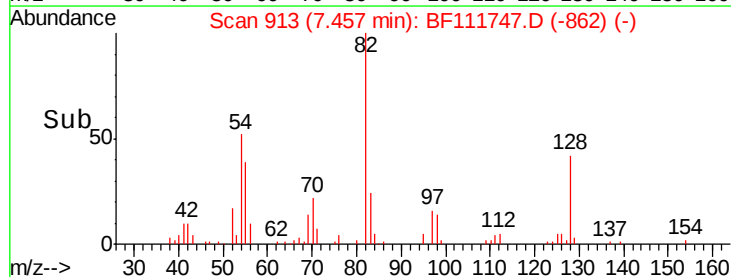
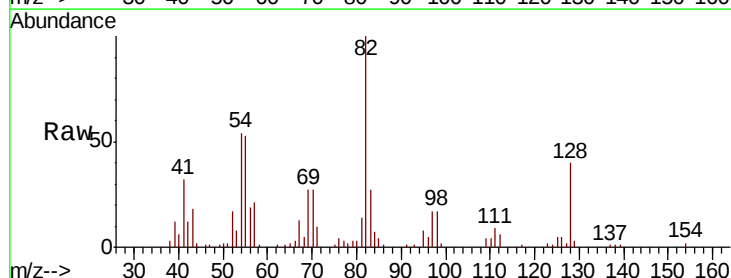
Tgt Ion: 82 Resp: 39857

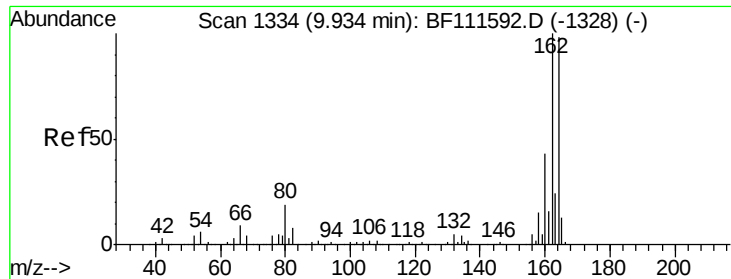
Ion Ratio Lower Upper

82 100

128 39.8 37.4 56.2

54 54.4 47.6 71.4

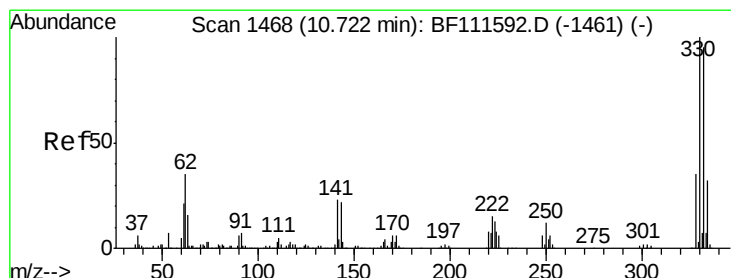
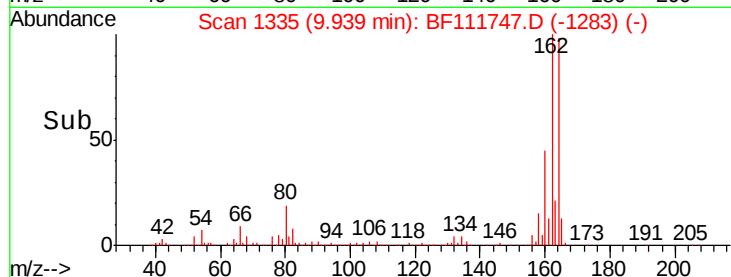
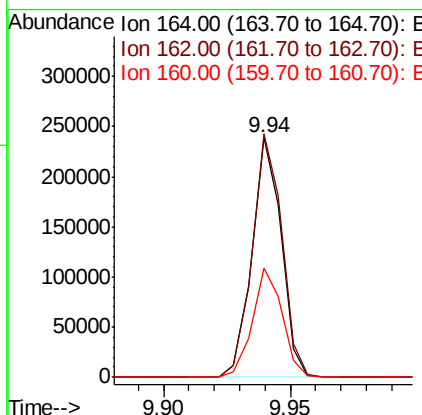
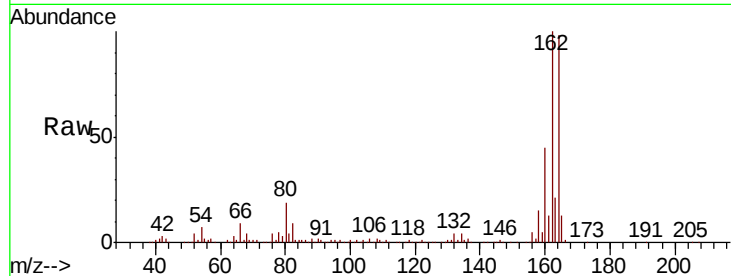




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111747.D
 Acq: 27 Dec 2018 7:12

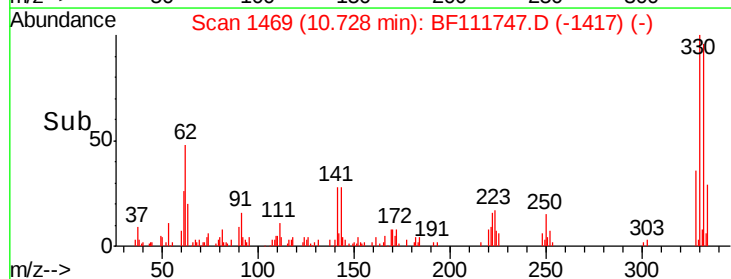
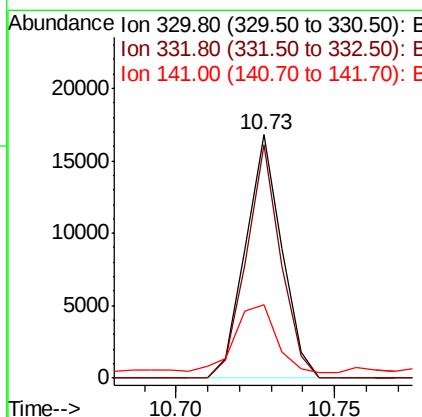
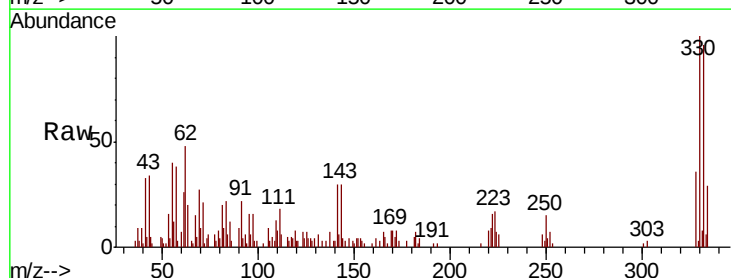
Instrument :
 BNA_F
 ClientSampleId :
 22949

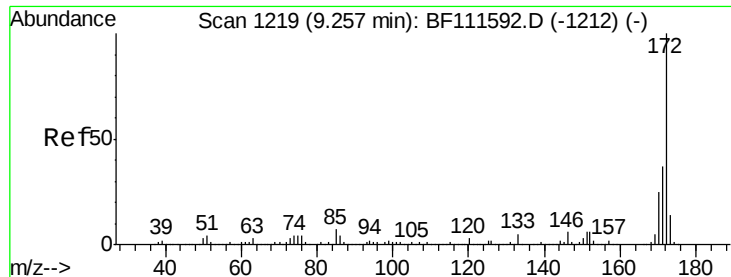
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.8	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 5.858 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111747.D
 Acq: 27 Dec 2018 7:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.2	76.0	114.0
141	33.8	31.0	46.6

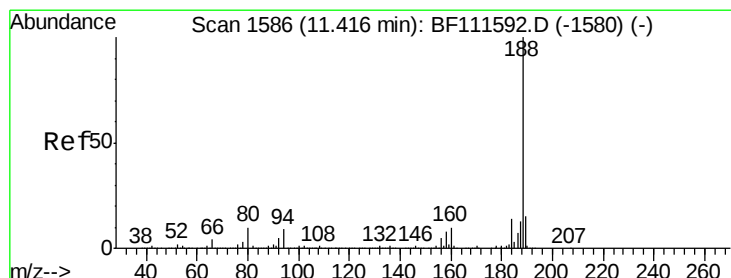
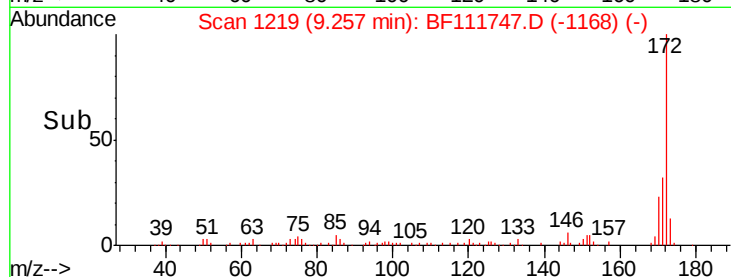
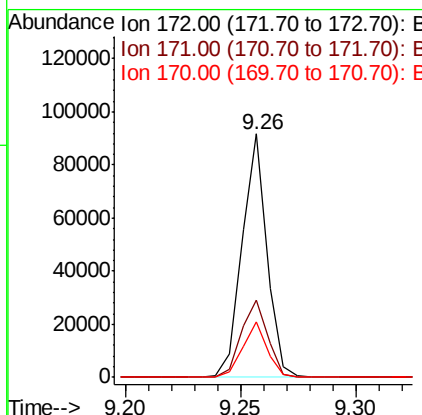
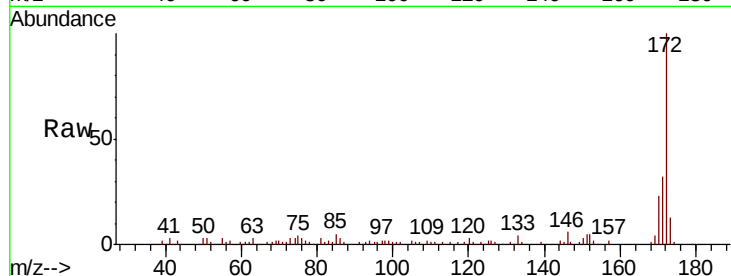




#45
 2-Fluorobiphenyl
 Concen: 5.201 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111747.D
 Acq: 27 Dec 2018 7:12

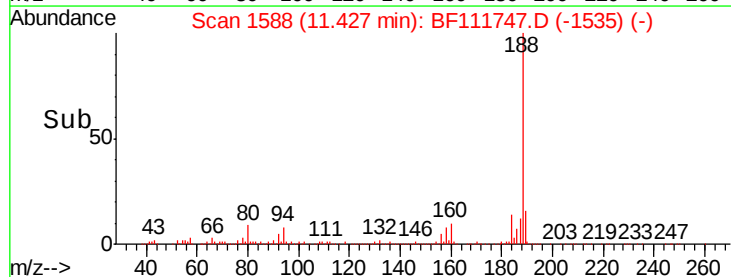
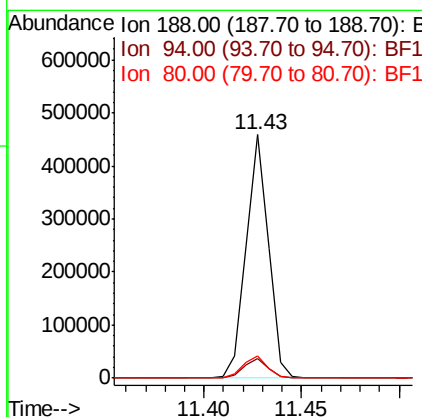
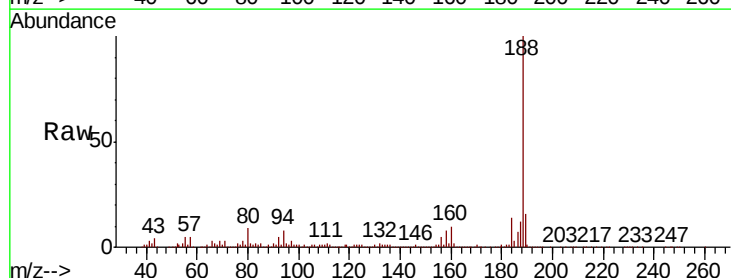
Instrument :
 BNA_F
 ClientSampleId :
 22949

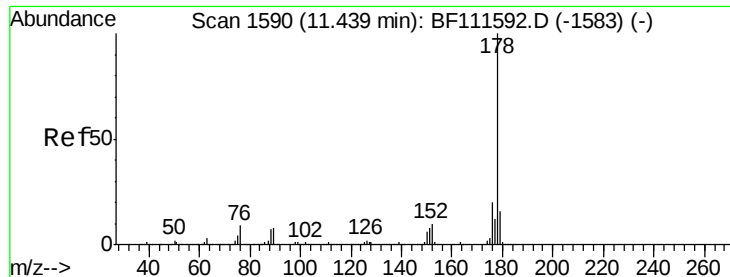
Tot Ion:172 Resp: 68698
 Ion Ratio Lower Upper
 172 100
 171 31.9 33.0 49.4#
 170 23.0 22.3 33.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111747.D
 Acq: 27 Dec 2018 7:12

Tgt Ion:188 Resp: 364806
 Ion Ratio Lower Upper
 188 100
 94 7.9 9.6 14.4#
 80 9.3 9.8 14.6#





#71

Phenanthrene

Concen: 2.245 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

Instrument :

BNA_F

ClientSampleId :

22949

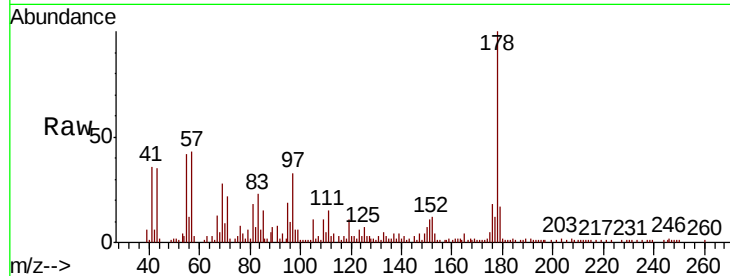
Tot Ion:178 Resp: 43435

Ion Ratio Lower Upper

178 100

176 18.0 18.1 27.1#

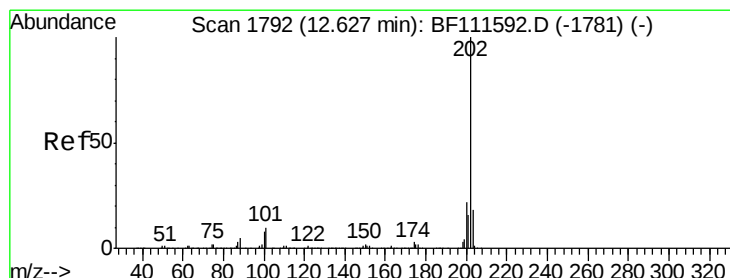
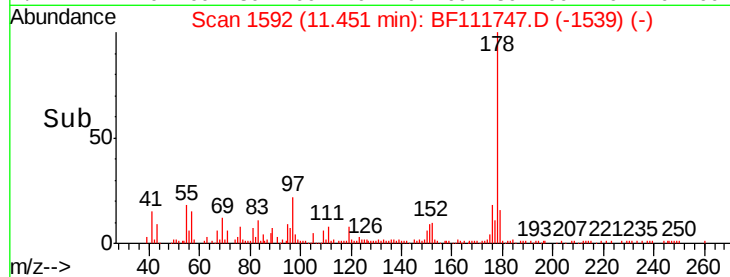
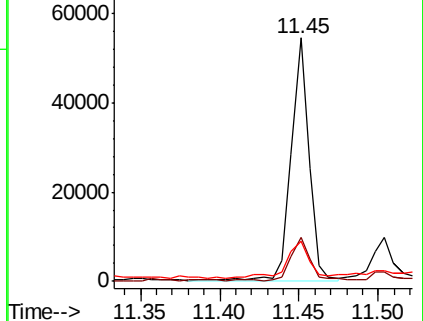
179 16.6 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 2.466 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

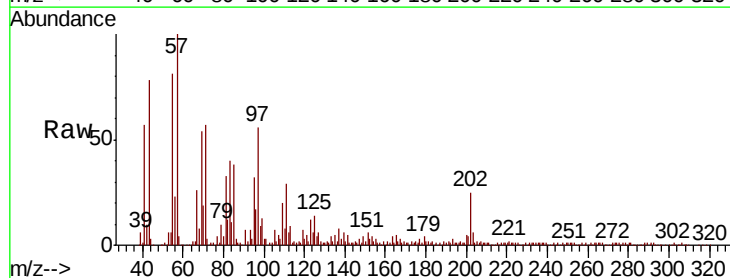
Tgt Ion:202 Resp: 48318

Ion Ratio Lower Upper

202 100

101 10.1 0.0 33.8

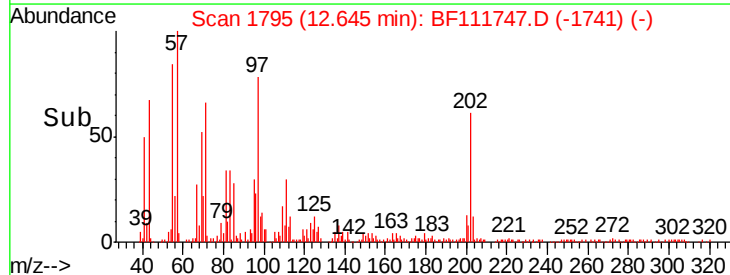
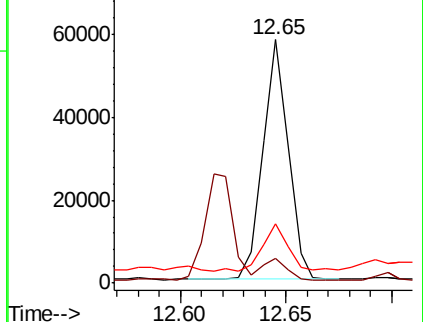
203 24.3 0.0 38.6

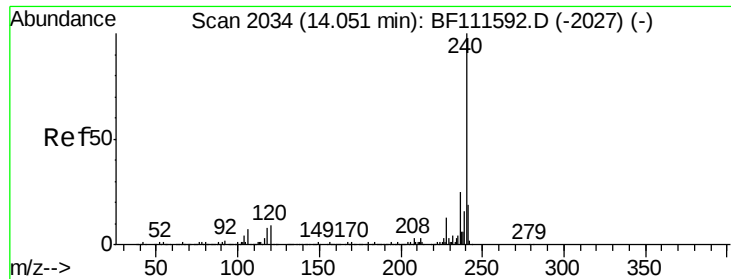


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

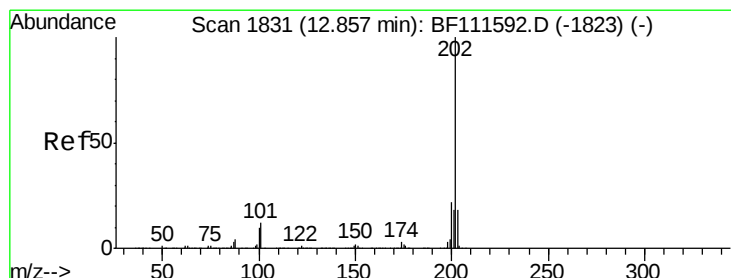
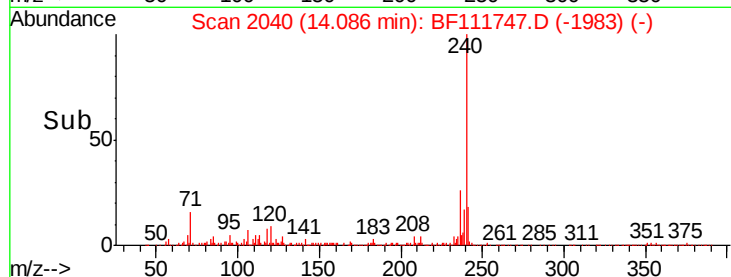
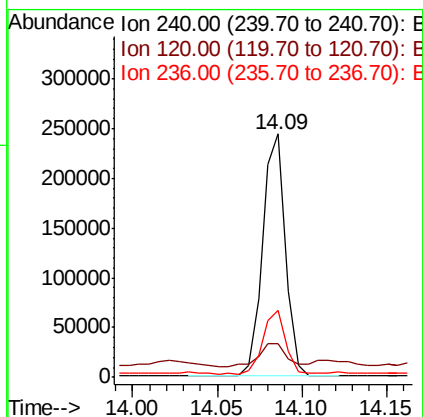
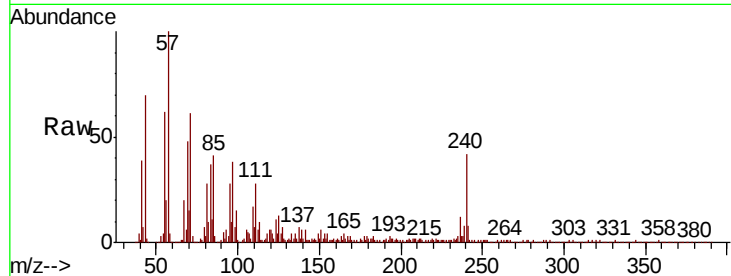




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.04 min
Lab File: BF111747.D
Acq: 27 Dec 2018 7:12

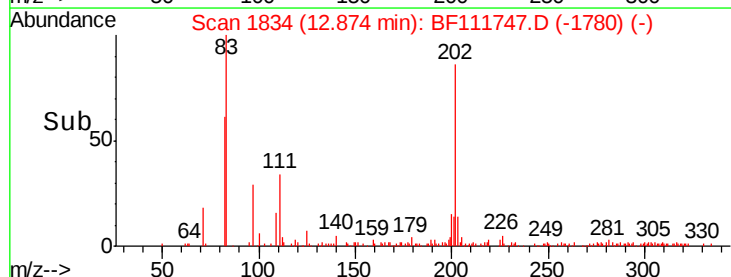
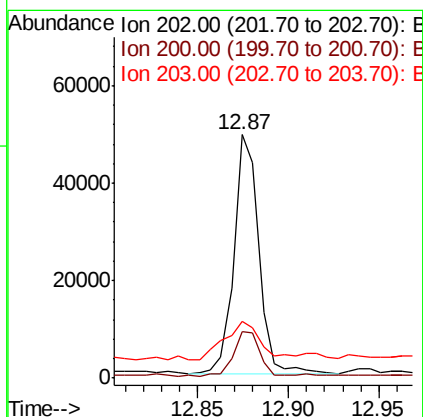
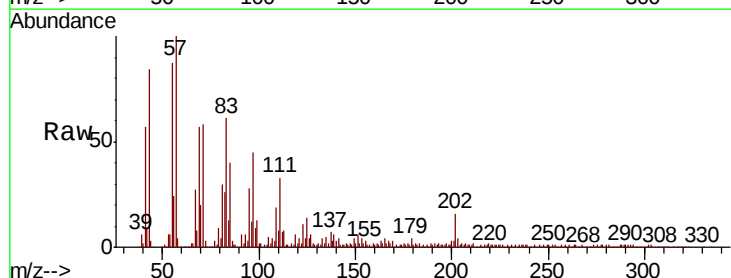
Instrument :
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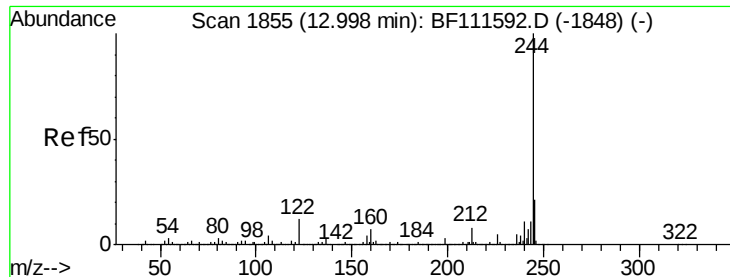
Tot Ion:240 Resp: 227120
Ion Ratio Lower Upper
240 100
120 13.9 12.2 18.2
236 27.5 20.2 30.2



#78
Pyrene
Concen: 2.912 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111747.D
Acq: 27 Dec 2018 7:12

Tgt Ion:202 Resp: 46703
Ion Ratio Lower Upper
202 100
200 19.2 19.0 28.4
203 23.4 15.2 22.8#





#79

Terphenyl-d14

Concen: 5.245 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

Instrument :

BNA_F

ClientSampleId :

22949

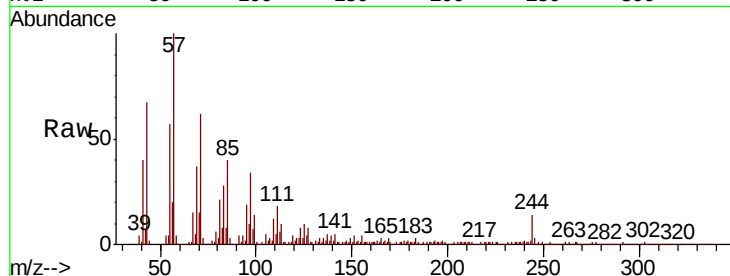
Tot Ion:244 Resp: 62812

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

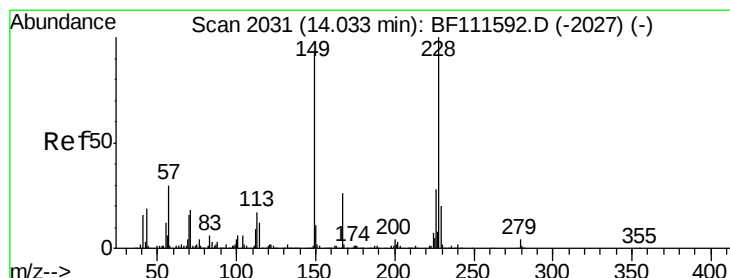
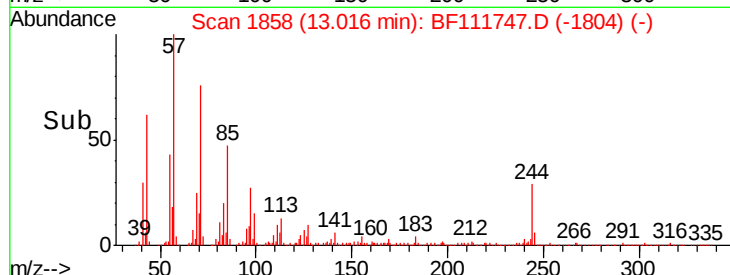
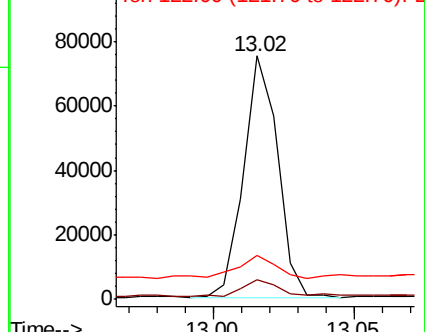
122 18.1 13.1 19.7



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: 54.563 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111747.D

Acq: 27 Dec 2018 7:12

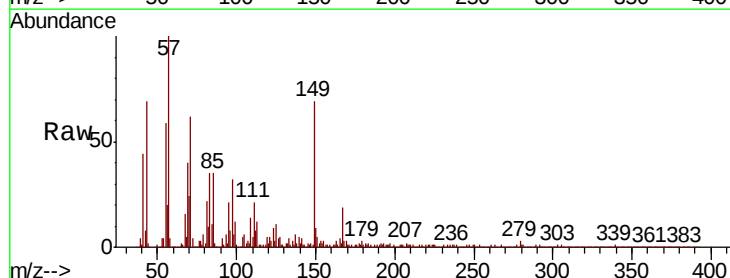
Tgt Ion:149 Resp: 449327

Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

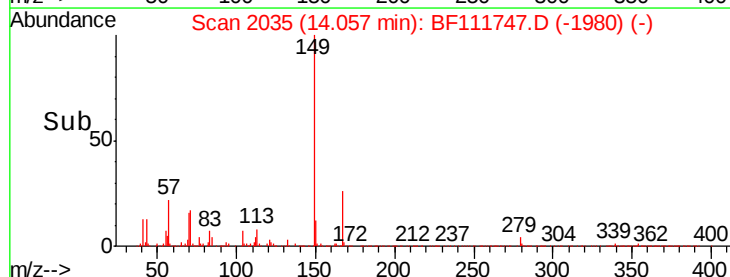
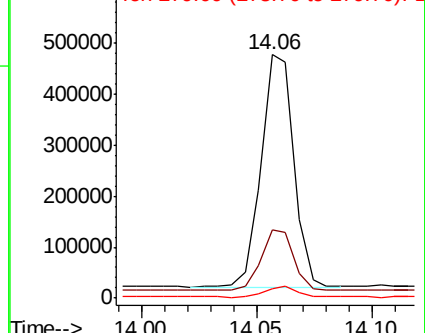
279 4.1 2.6 4.0#

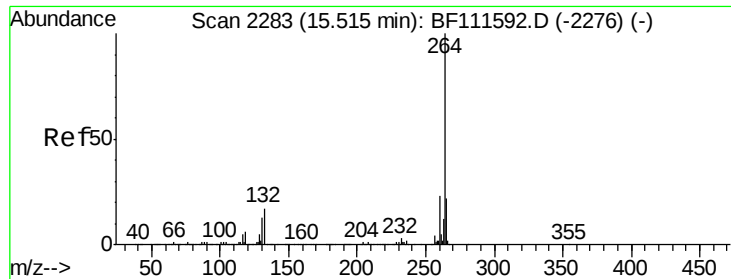


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

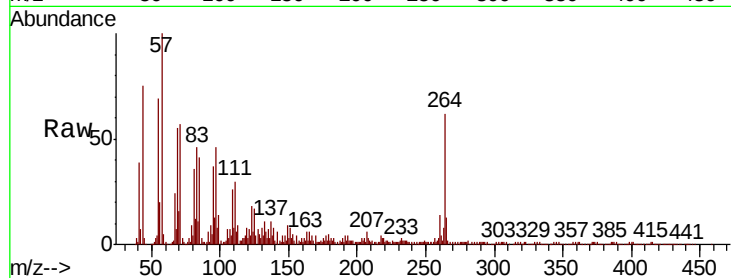




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.06 min
Lab File: BF111747.D
Acq: 27 Dec 2018 7:12

Instrument :
BNA_F
ClientSampleId :
22949

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.8	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

