

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111743.D
 Acq On : 27 Dec 2018 4:45
 Operator : JU/SJ
 Sample : J6446-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-0006-01

Quant Time: Dec 27 05:55:23 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

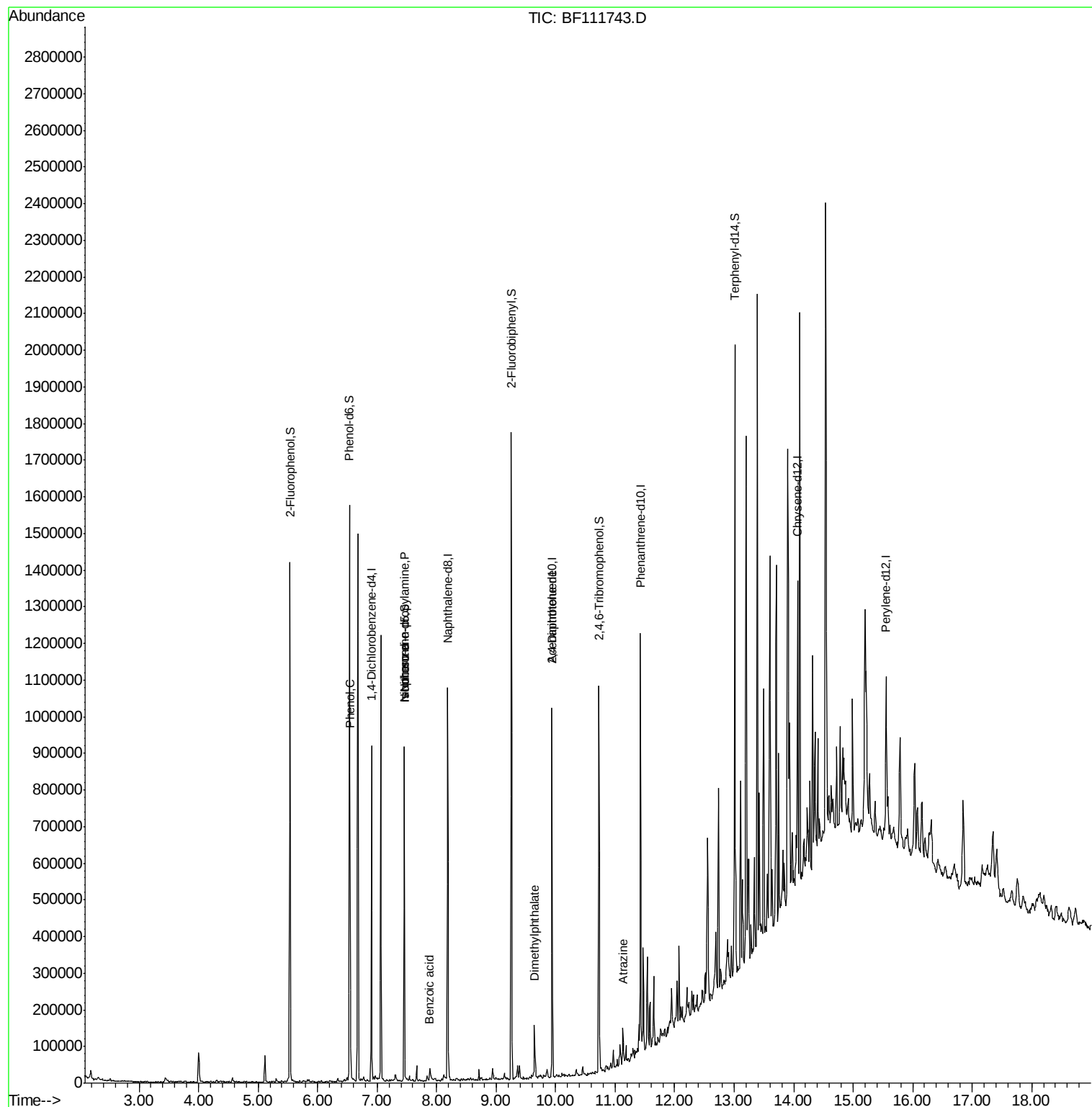
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118064	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	414117	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	194325	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	372422	20.00	ng	0.01
76) Chrysene-d12	14.07	240	264699	20.00	ng	0.02
87) Perylene-d12	15.56	264	213811	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	348210	50.27	ng	0.02
7) Phenol-d6	6.54	99	418531	47.48	ng	0.02
23) Nitrobenzene-d5	7.46	82	237584	33.39	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	113044	49.23	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	459707	34.48	ng	0.00
79) Terphenyl-d14	13.01	244	463247	33.19	ng	0.01
Target Compounds						
10) Phenol	6.55	94	36417	3.661	ng	95
19) n-Nitroso-di-n-propylamine	7.46	70	31356	5.356	ng	# 80
25) Isophorone	7.46	82	237582	18.811	ng	# 64
32) Benzoic acid	7.89	122	8171	2.073	ng	96
50) Dimethylphthalate	9.65	163	52707	3.709	ng	98
57) 2,4-Dinitrotoluene	9.94	165	24836	7.293	ng	# 25
69) Atrazine	11.13	200	9869	2.272	ng	# 38

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

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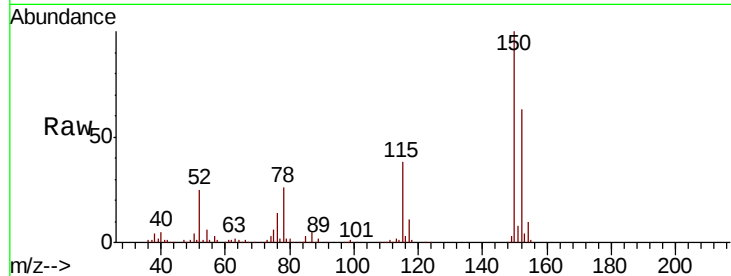


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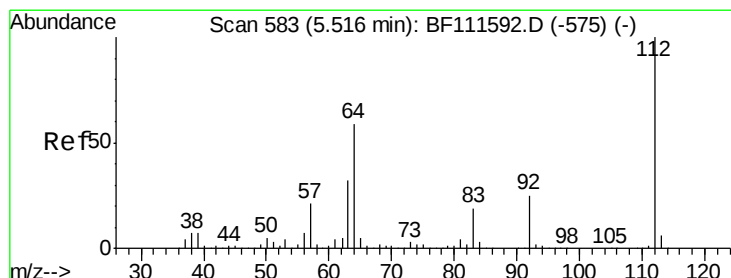
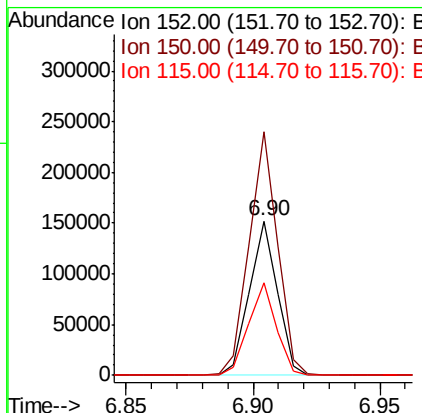
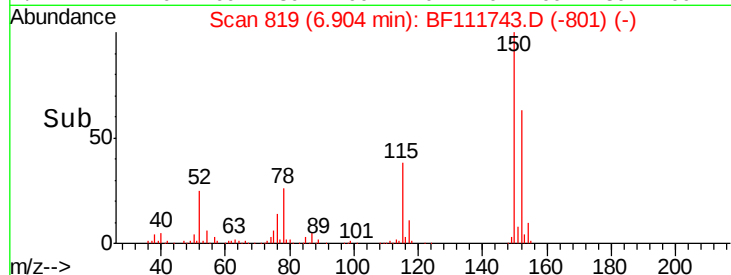
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111743.D
 Acq: 27 Dec 2018 4:45

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-0006-01

Tot Ion:152 Resp: 118064
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.6 189.8
 115 59.7 50.7 76.1



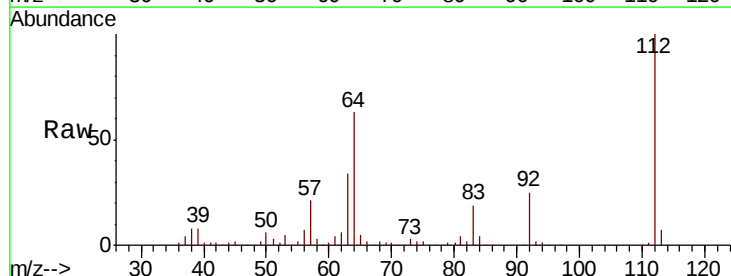
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



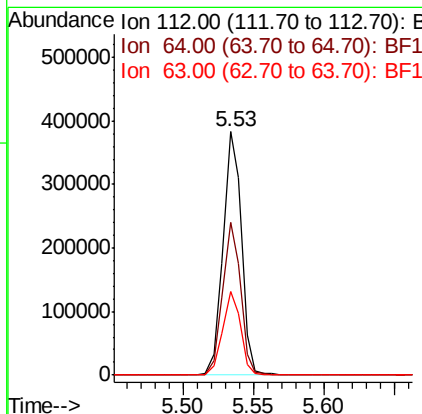
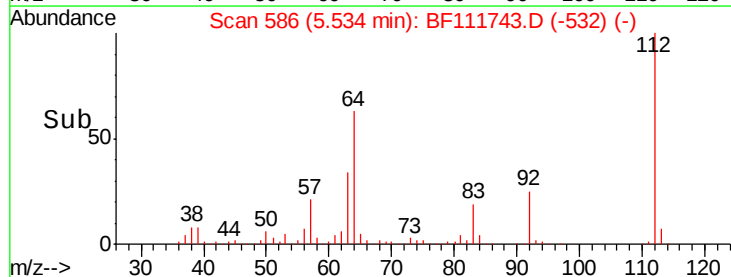
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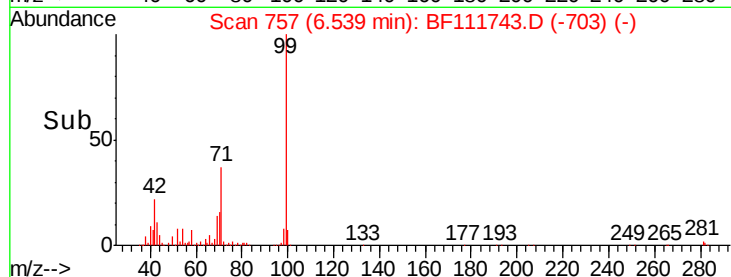
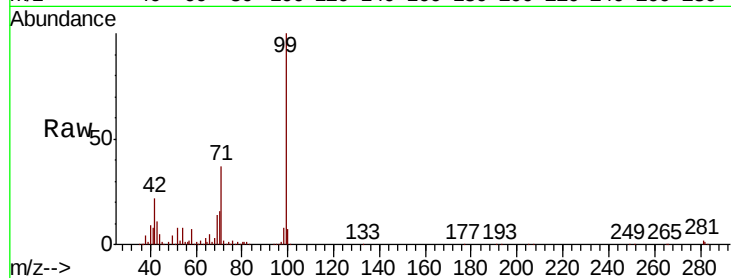
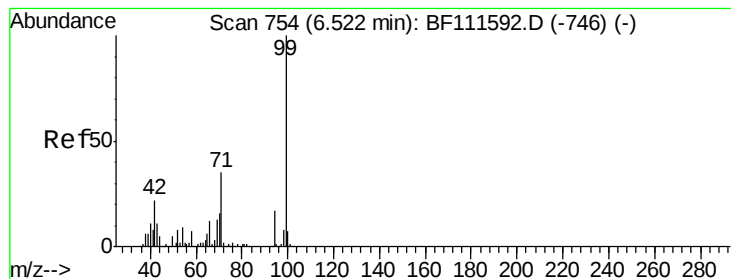
2-Fluorophenol
 Concen: 50.272 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF111743.D
 Acq: 27 Dec 2018 4:45

Tgt Ion:112 Resp: 348210
 Ion Ratio Lower Upper
 112 100
 64 62.9 51.8 77.6
 63 34.2 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: 47.480 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111743.D

Acq: 27 Dec 2018 4:45

Instrument :

BNA_F

ClientSampleId :

P001-SS021-0006-01

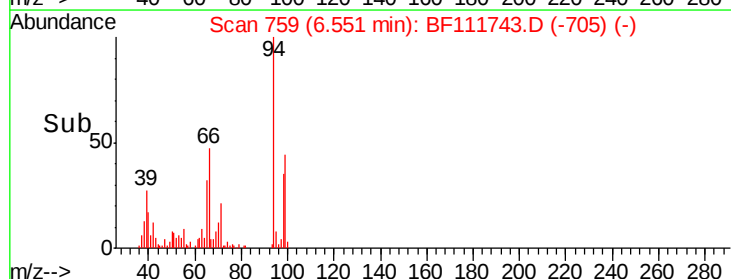
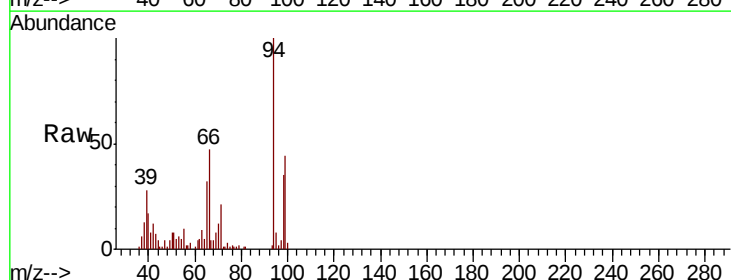
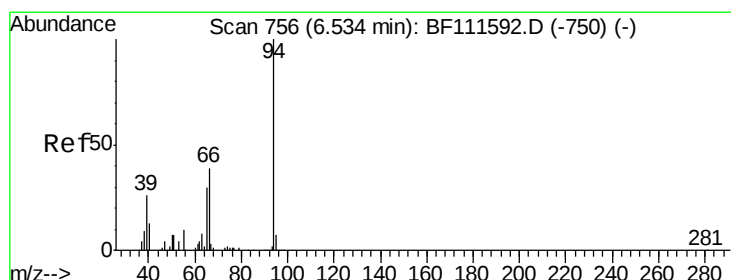
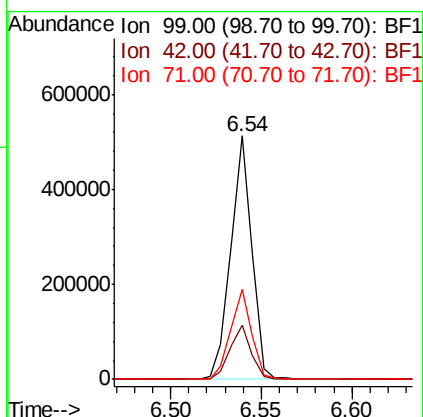
Tot Ion: 99 Resp: 418531

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 36.9 26.1 39.1



#10

Phenol

Concen: 3.661 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111743.D

Acq: 27 Dec 2018 4:45

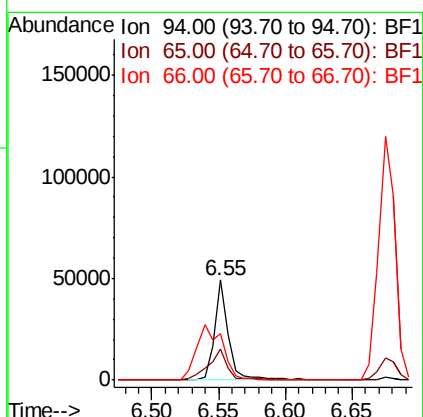
Tgt Ion: 94 Resp: 36417

Ion Ratio Lower Upper

94 100

65 31.7 11.7 51.7

66 46.8 21.0 61.0

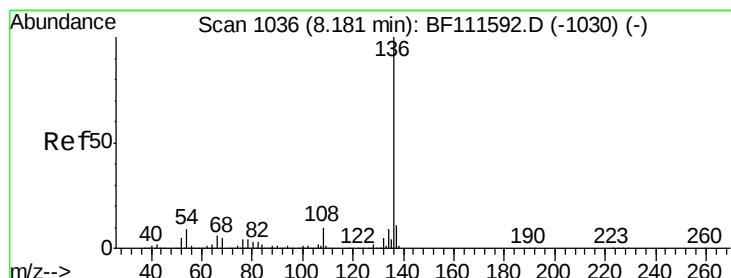
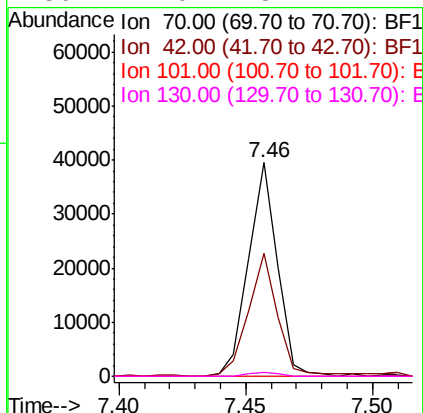
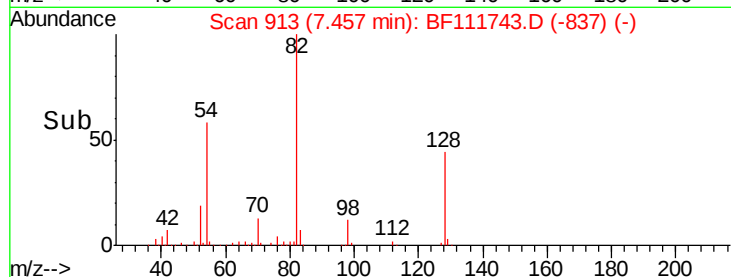
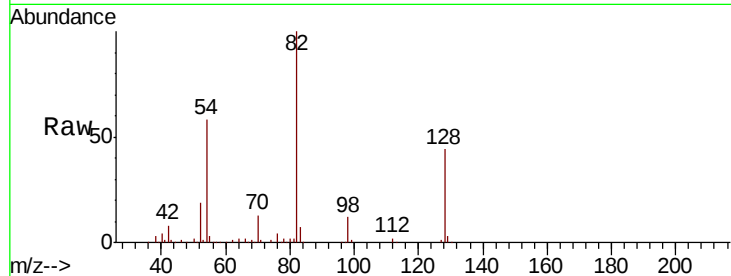




#19
n-Nitroso-di-n-propylamine
Concen: 5.356 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

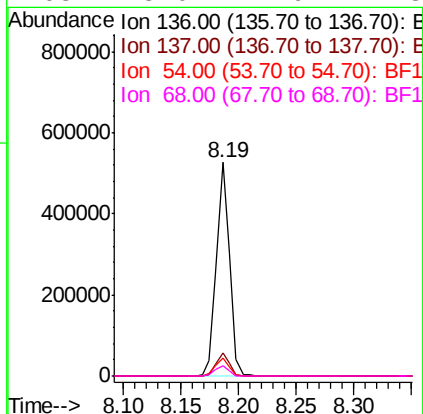
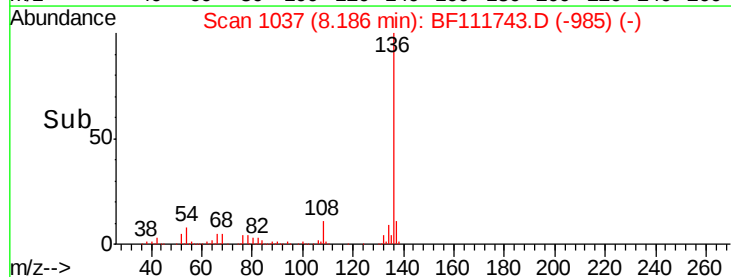
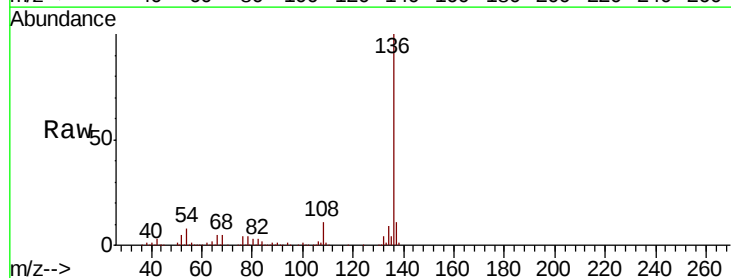
Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01

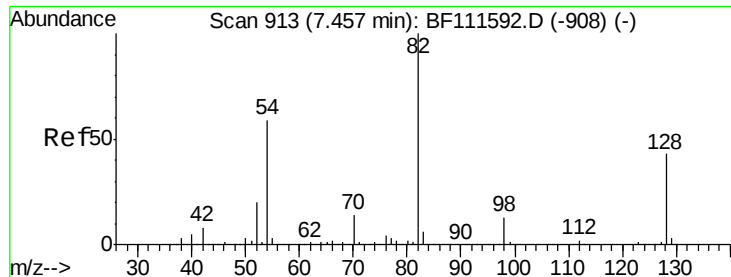
Tot Ion: 70 Resp: 31356
Ion Ratio Lower Upper
70 100
42 57.7 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

Tgt Ion:136 Resp: 414117
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 8.3 7.7 11.5
68 5.0 4.9 7.3

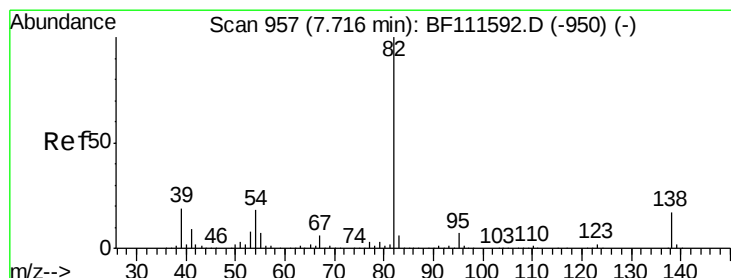
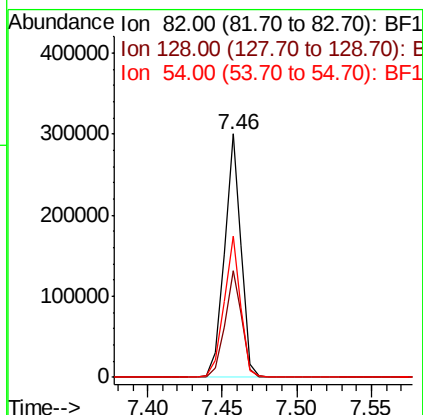
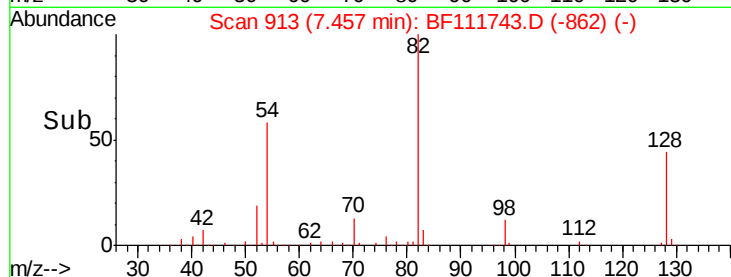
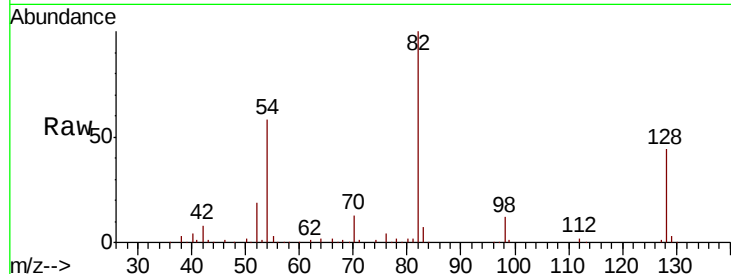




#23
Nitrobenzene-d5
Concen: 33.394 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

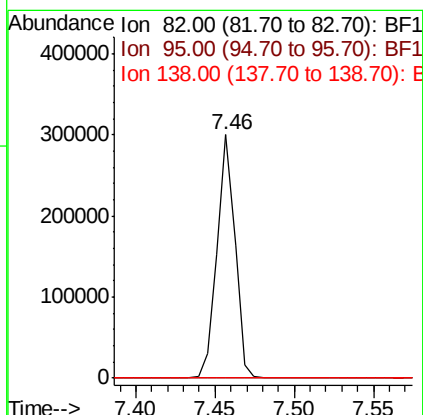
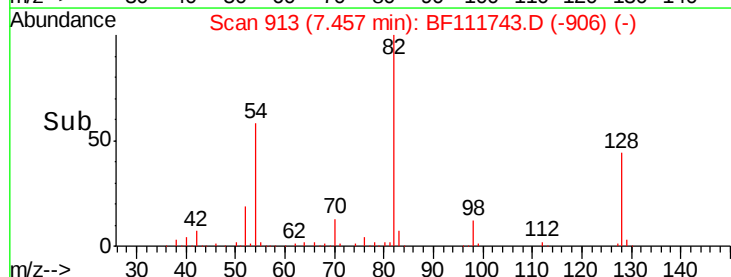
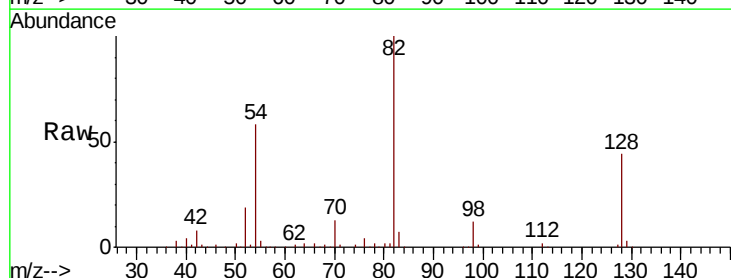
Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01

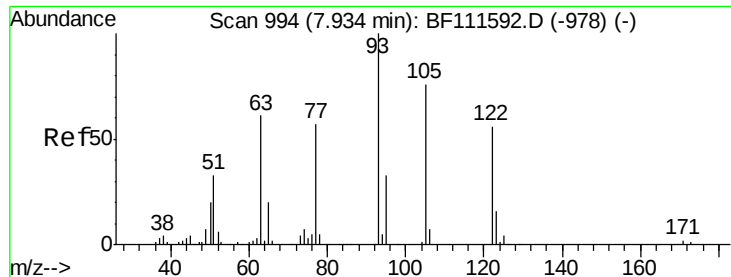
Tot Ion: 82 Resp: 237584
Ion Ratio Lower Upper
82 100
128 43.6 37.4 56.2
54 58.1 47.6 71.4



#25
Isophorone
Concen: 18.811 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

Tgt Ion: 82 Resp: 237582
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

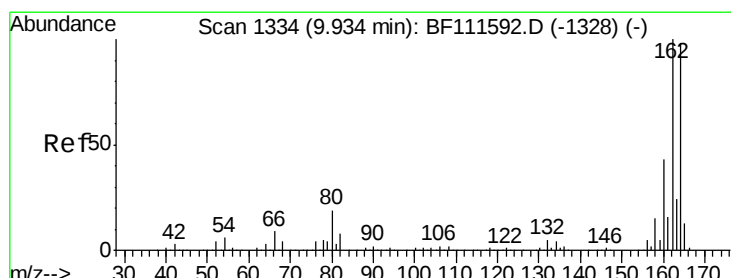
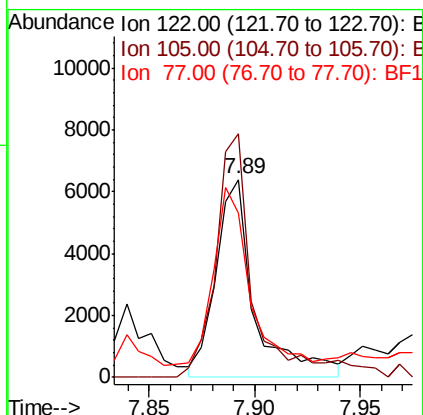
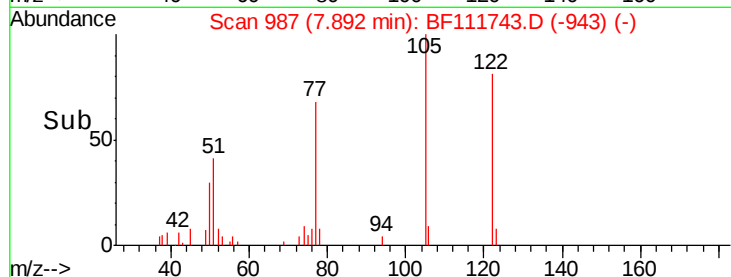
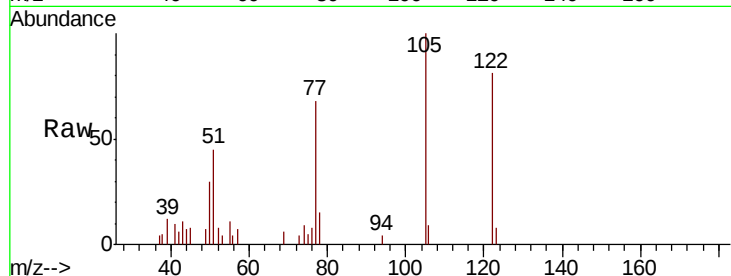




#32
Benzoic acid
Concen: 2.073 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

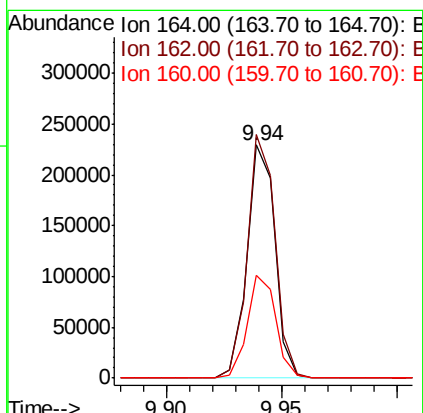
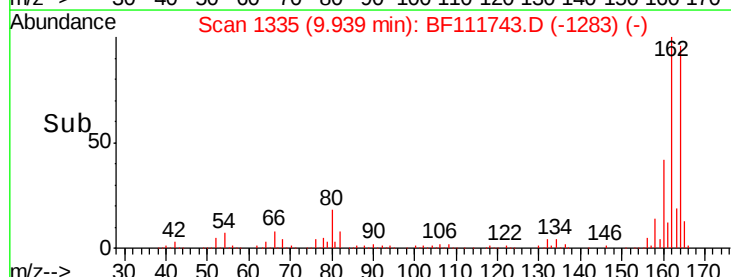
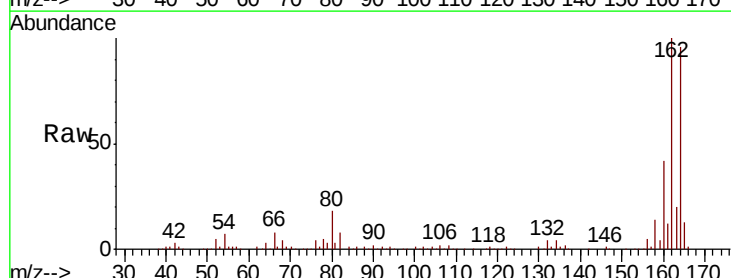
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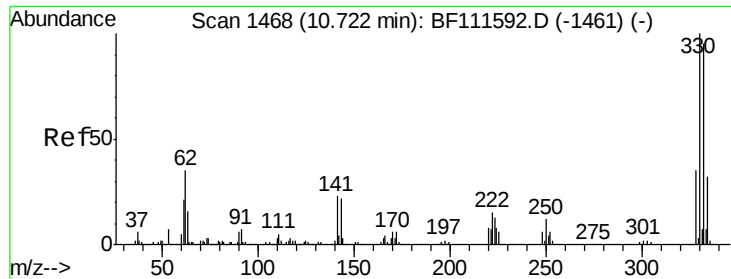
Tot Ion:122 Resp: 8171
Ion Ratio Lower Upper
122 100
105 123.0 97.0 137.0
77 83.2 65.7 105.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

Tgt Ion:164 Resp: 194325
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 44.0 35.7 53.5

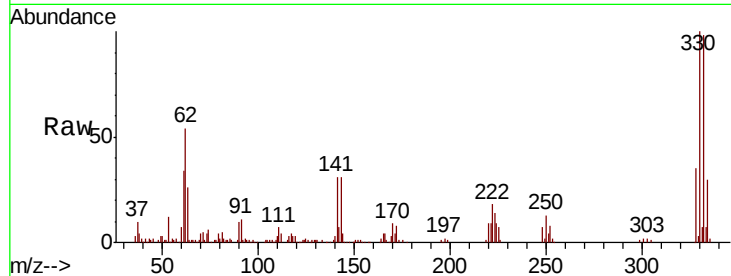




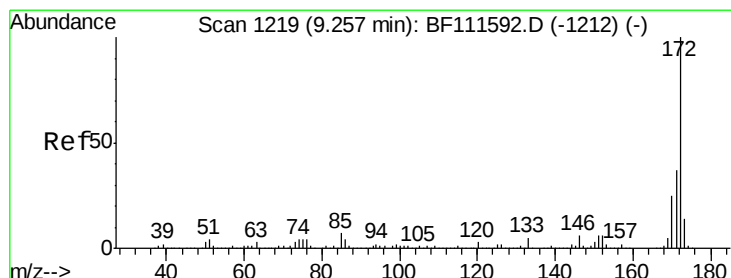
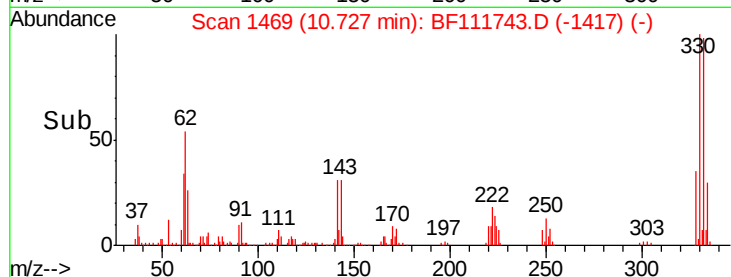
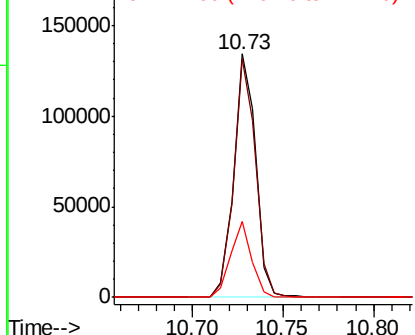
#42
 2,4,6-Tribromophenol
 Concen: 49.233 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111743.D
 Acq: 27 Dec 2018 4:45

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-0006-01

Tot Ion:330 Resp: 113044
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.0 114.0
 141 30.1 31.0 46.6#

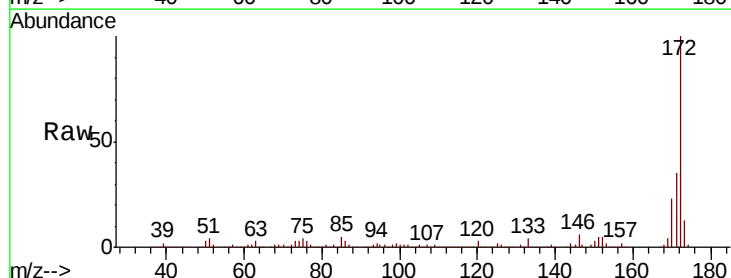


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

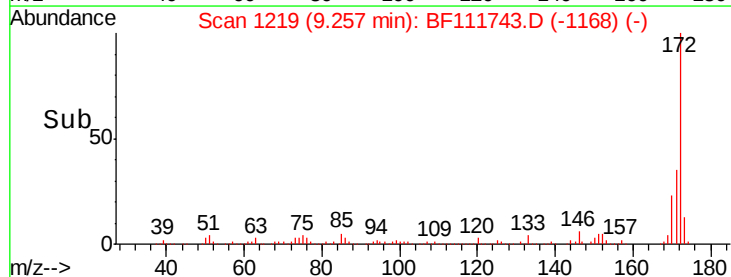
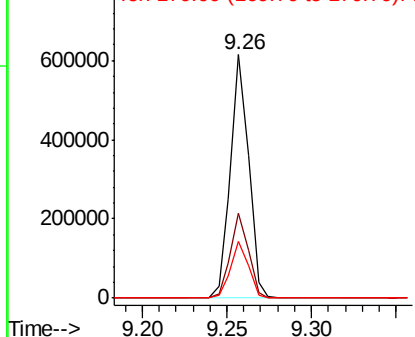


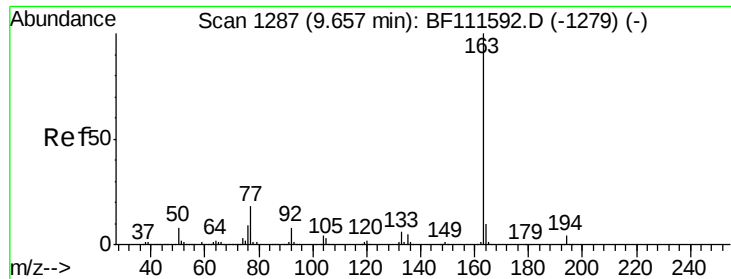
#45
 2-Fluorobiphenyl
 Concen: 34.481 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111743.D
 Acq: 27 Dec 2018 4:45

Tgt Ion:172 Resp: 459707
 Ion Ratio Lower Upper
 172 100
 171 34.7 33.0 49.4
 170 23.2 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

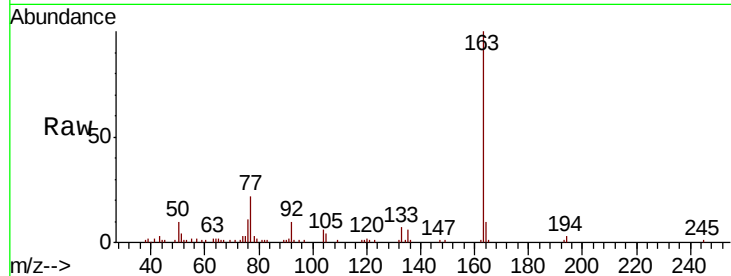




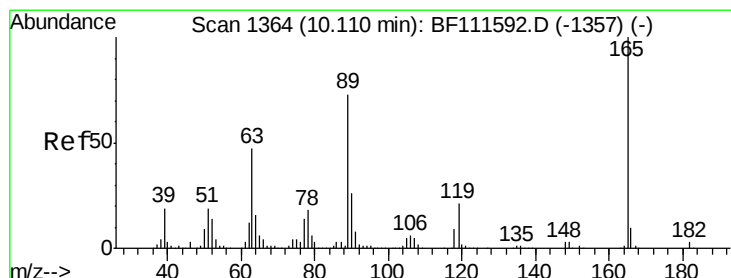
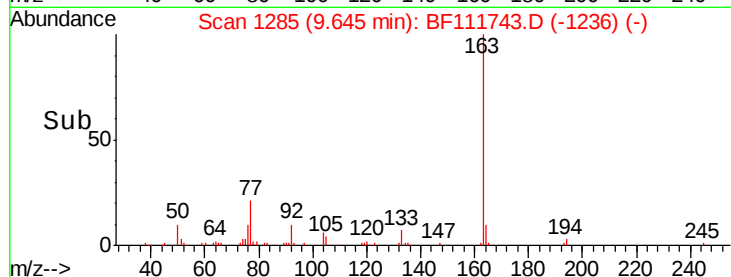
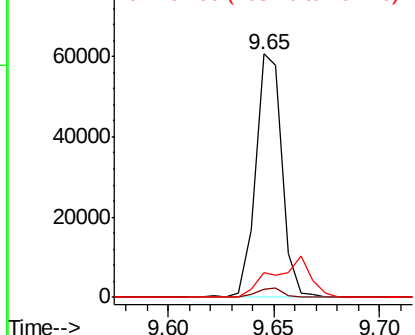
#50
Dimethylphthalate
Concen: 3.709 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01

Tot Ion:163 Resp: 52707
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.2 8.9 13.3

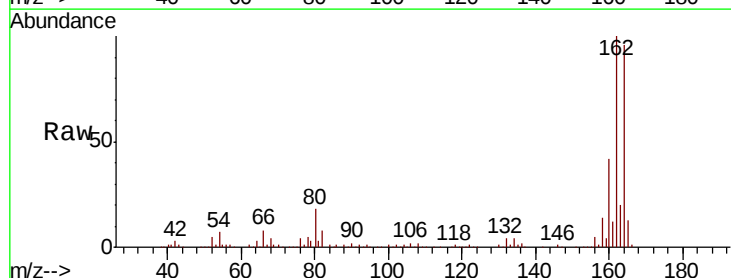


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

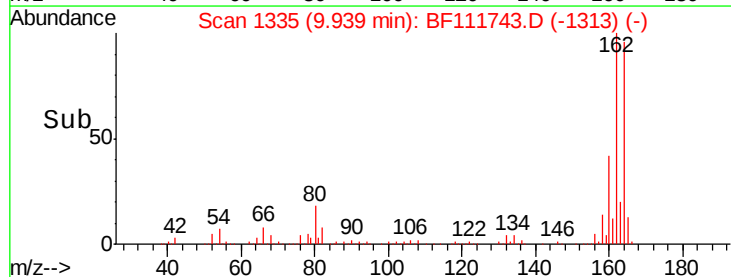
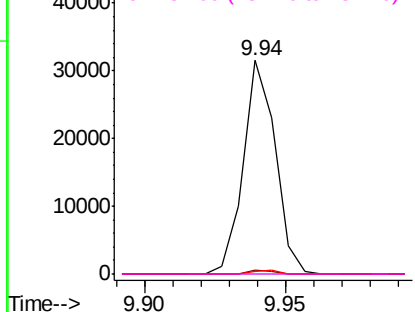


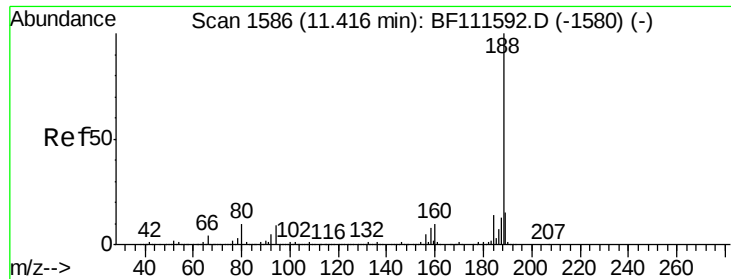
#57
2,4-Dinitrotoluene
Concen: 7.293 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

Tgt Ion:165 Resp: 24836
Ion Ratio Lower Upper
165 100
63 1.8 34.6 52.0#
89 1.4 56.2 84.4#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

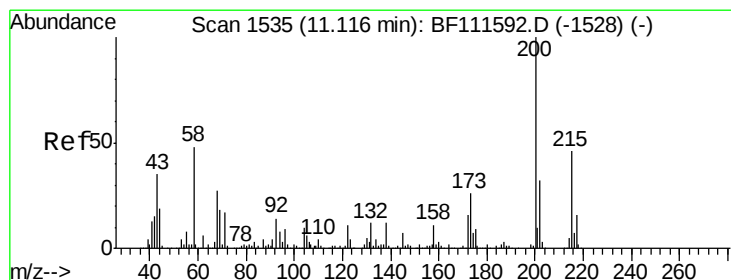
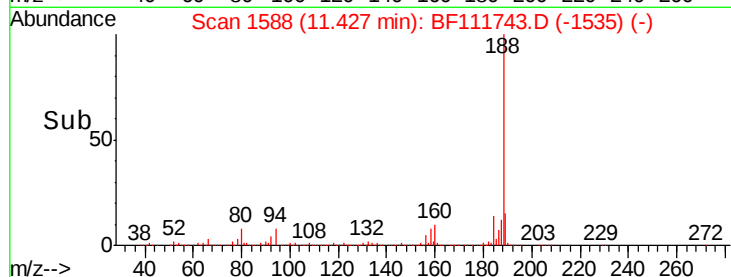
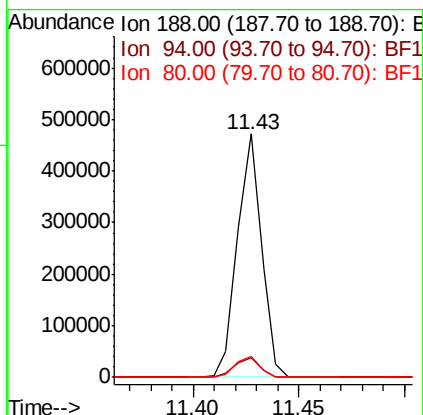
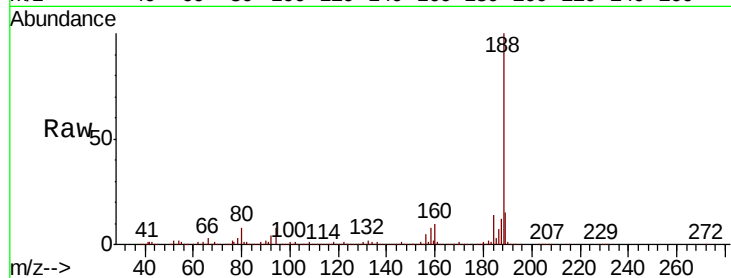




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

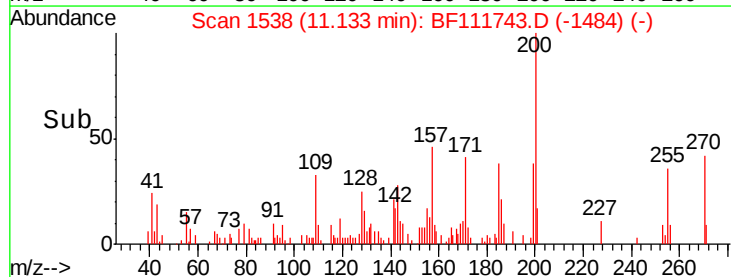
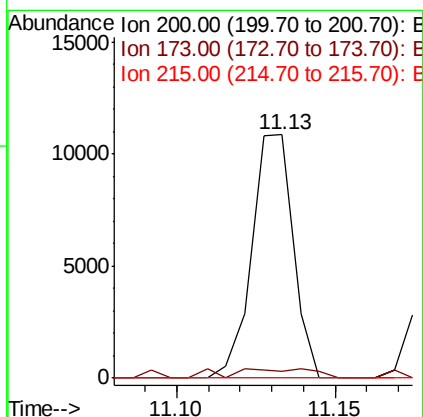
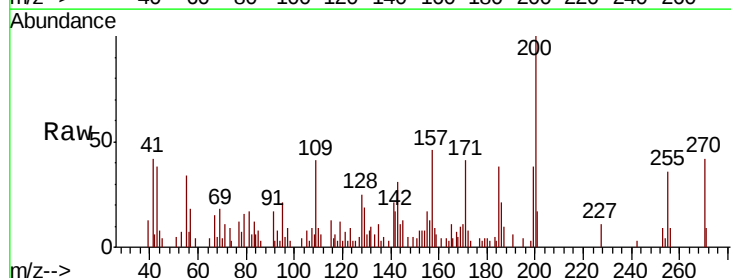
Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01

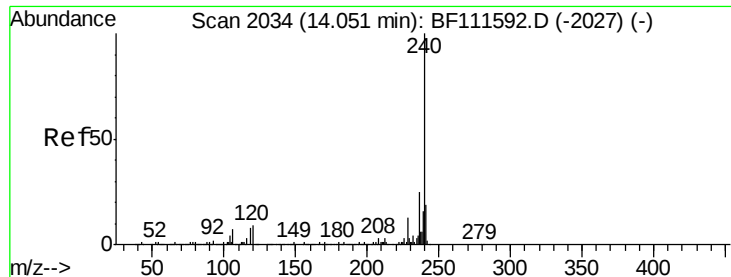
Tot Ion:188 Resp: 372422
Ion Ratio Lower Upper
188 100
94 8.1 9.6 14.4#
80 8.4 9.8 14.6#



#69
Atrazine
Concen: 2.272 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BF111743.D
Acq: 27 Dec 2018 4:45

Tgt Ion:200 Resp: 9869
Ion Ratio Lower Upper
200 100
173 3.0 10.1 50.1#
215 0.0 26.9 66.9#

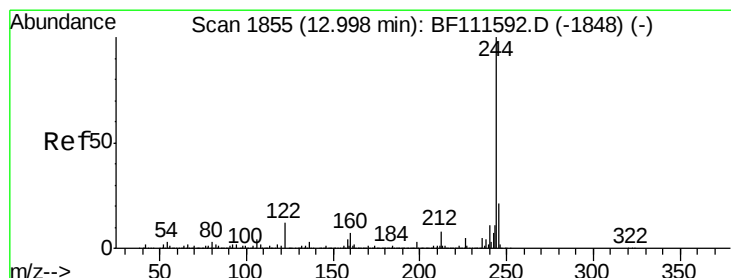
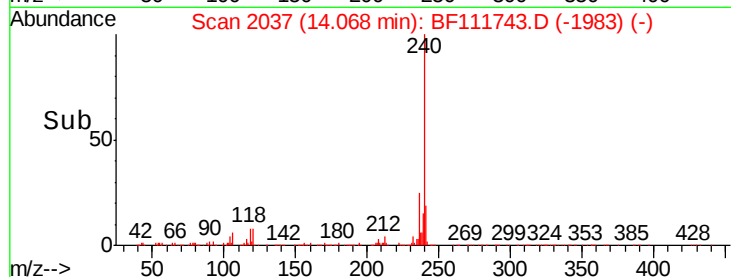
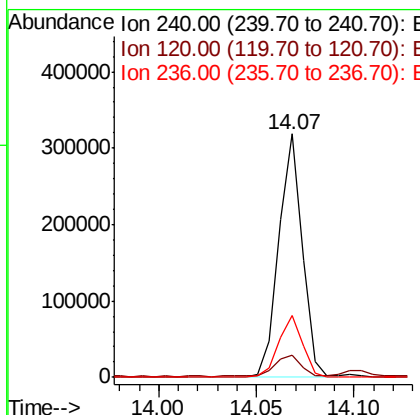
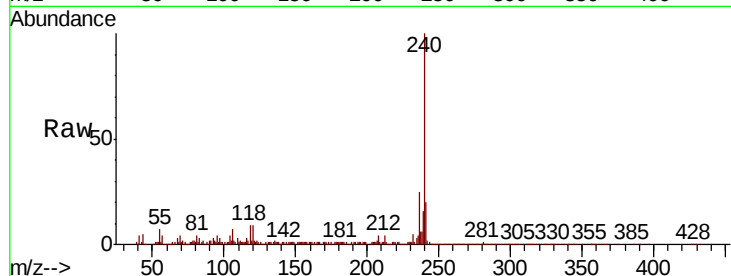




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111743.D
 Acq: 27 Dec 2018 4:45

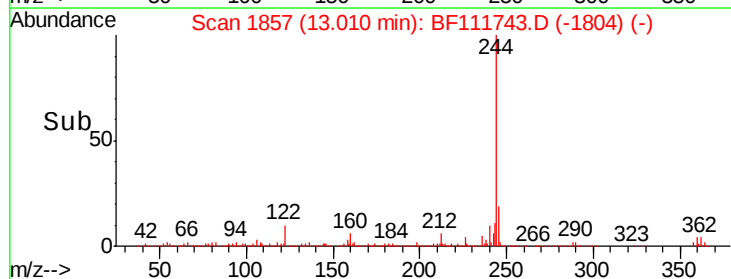
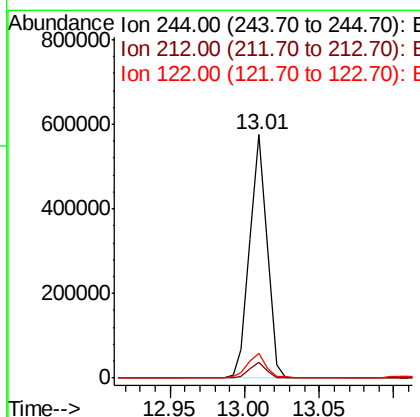
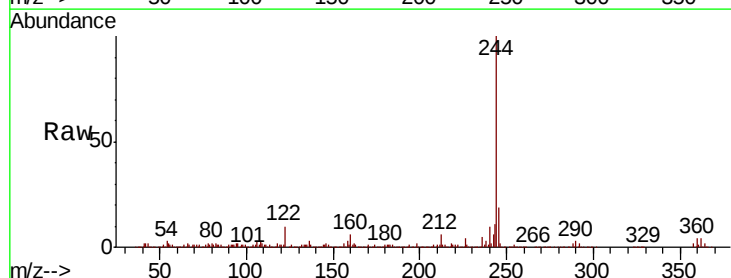
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-0006-01

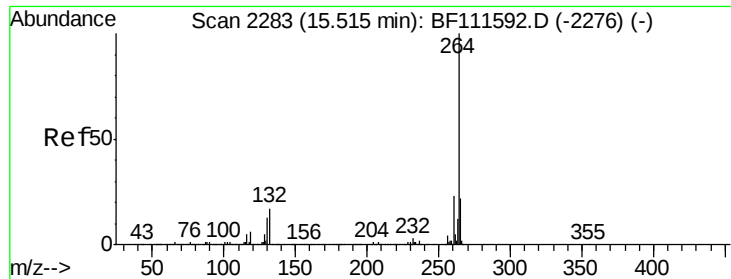
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.2	18.2#
236	25.3	20.2	30.2



#79
 Terphenyl-d14
 Concen: 33.189 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111743.D
 Acq: 27 Dec 2018 4:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	10.2	13.1	19.7#

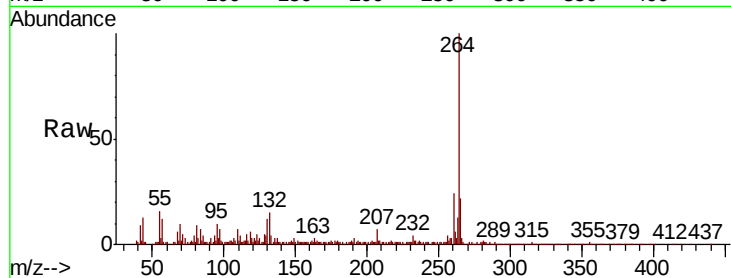




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.04 min
 Lab File: BF111743.D
 Acq: 27 Dec 2018 4:45

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-0006-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.6	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

