

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111519.D
 Acq On : 16 Dec 2018 20:18
 Operator : JU/SJ
 Sample : J6424-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB09_1.5-2.5

Quant Time: Dec 17 06:45:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

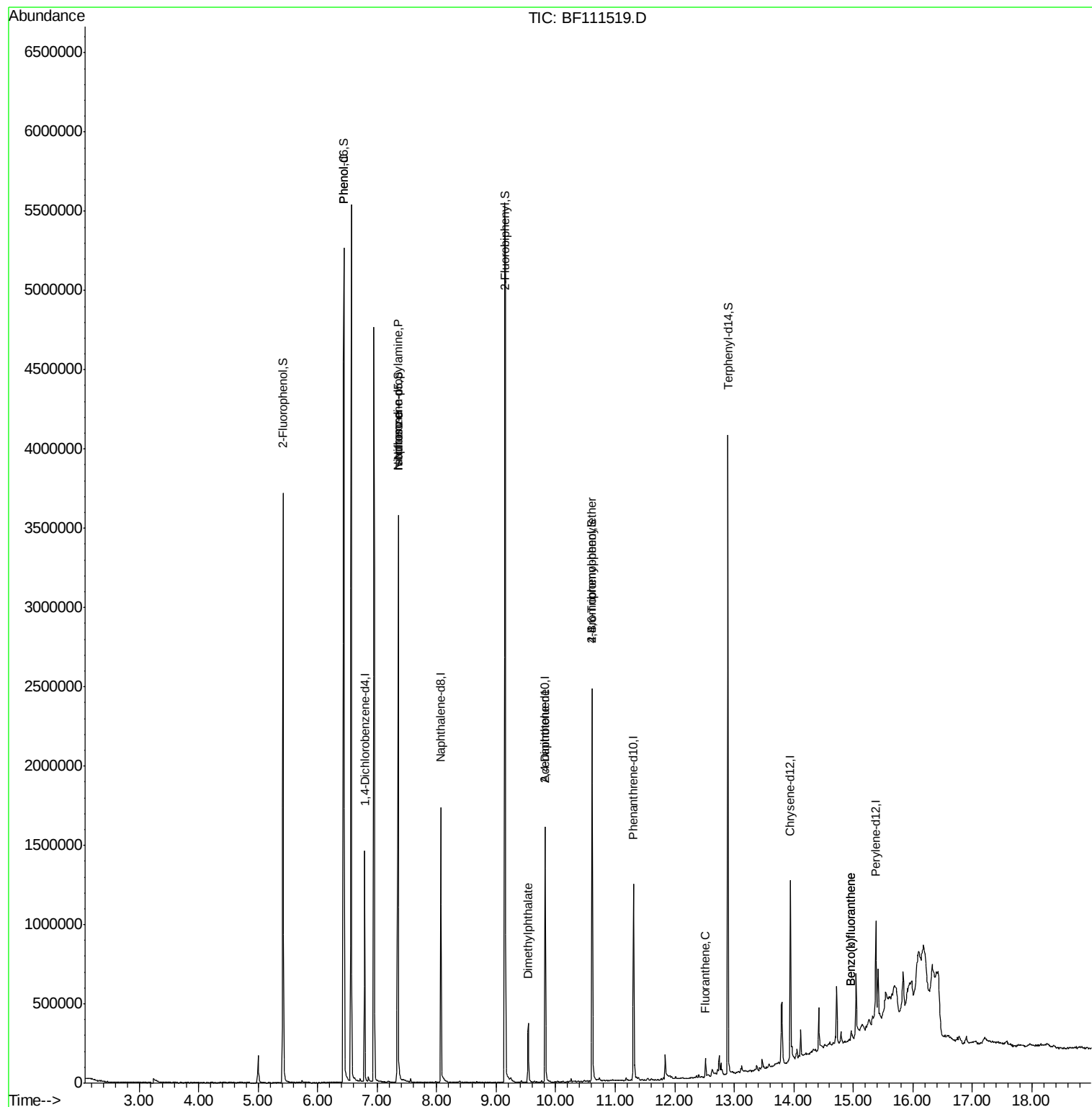
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	202035	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	788592	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	327488	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	476035	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	405725	20.00	ng	0.00
87) Perylene-d12	15.38	264	281034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1075494	88.58	ng	0.00
7) Phenol-d6	6.44	99	1950739	120.79	ng	0.00
23) Nitrobenzene-d5	7.35	82	1192471	90.05	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	282155	96.18	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1927134	90.90	ng	-0.01
79) Terphenyl-d14	12.89	244	1321856	76.51	ng	0.00
Target Compounds						
10) Phenol	6.45	94	118260	6.574	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	150602	14.135	ng	# 74
25) Isophorone	7.35	82	1192458	53.218	ng	# 64
50) Dimethylphthalate	9.54	163	162359	6.884	ng	97
57) 2,4-Dinitrotoluene	9.82	165	42291	6.069	ng	# 24
67) 4-Bromophenyl-phenylether	10.61	248	18113	3.530	ng	# 1
75) Fluoranthene	12.52	202	49539	2.064	ng	96
88) Benzo(b)fluoranthene	14.97	252	34452	2.103	ng	# 83
89) Benzo(k)fluoranthene	14.97	252	34452	2.201	ng	# 82

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111519.D

Acq: 16 Dec 2018 20:18

Instrument :

BNA_F

ClientSampleId :

EB09_1.5-2.5

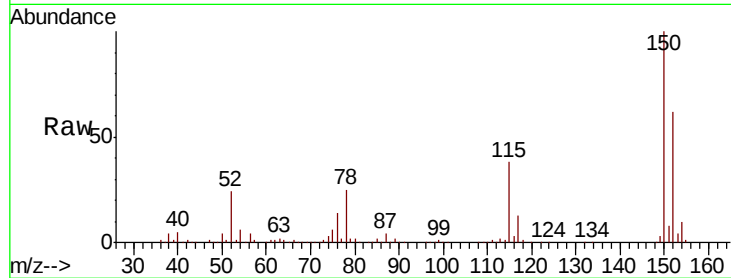
Tgt Ion:152 Resp: 202035

Ion Ratio Lower Upper

152 100

150 161.2 126.6 189.8

115 61.6 50.7 76.1

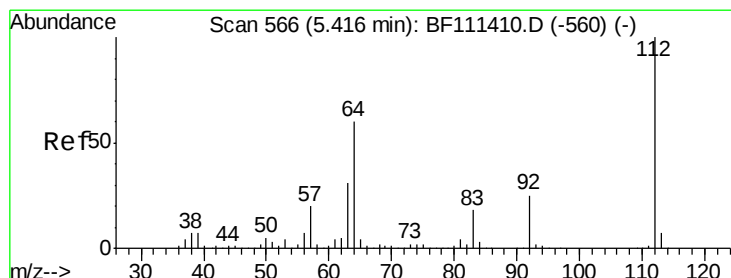
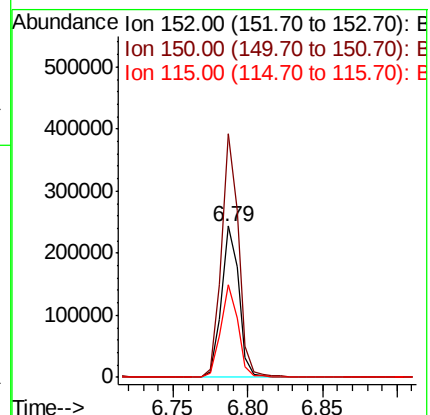
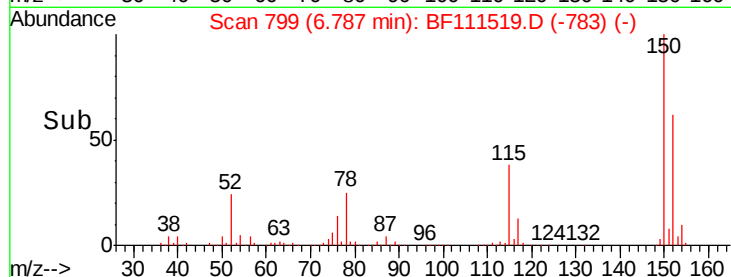


Abundance

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: 88.583 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111519.D

Acq: 16 Dec 2018 20:18

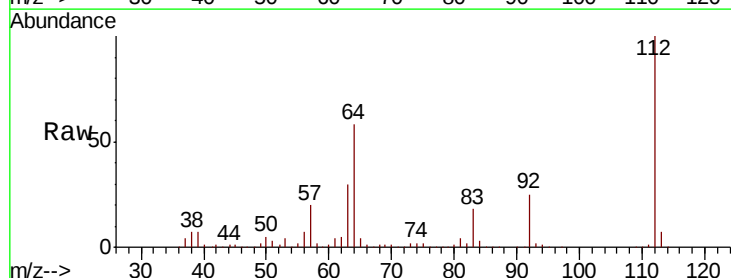
Tgt Ion:112 Resp: 1075494

Ion Ratio Lower Upper

112 100

64 58.4 51.8 77.6

63 30.1 26.8 40.2

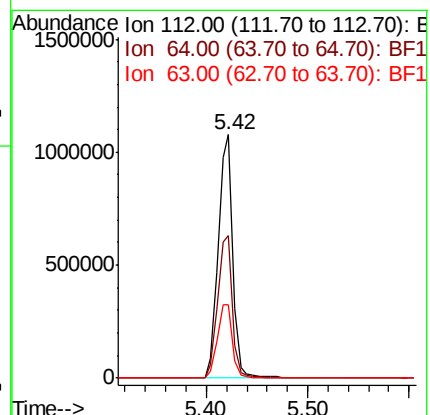
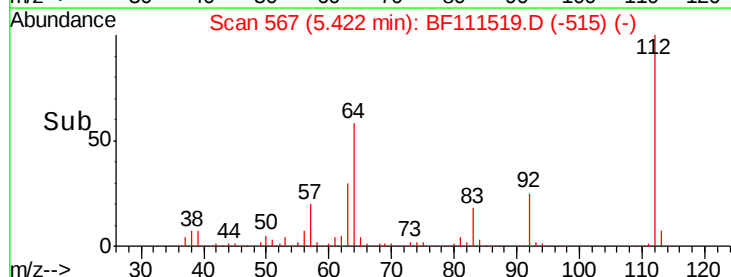


Abundance

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: 120.790 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111519.D

Acq: 16 Dec 2018 20:18

Instrument :

BNA_F

ClientSampleId :

EB09_1.5-2.5

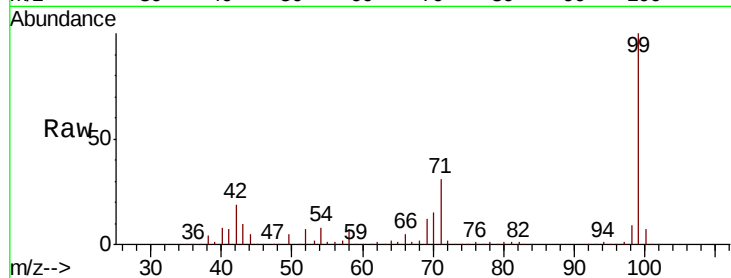
Tgt Ion: 99 Resp: 1950739

Ion Ratio Lower Upper

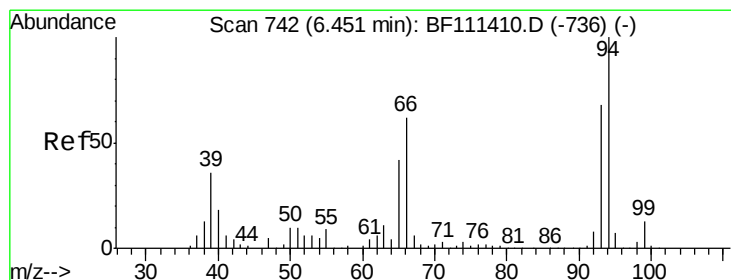
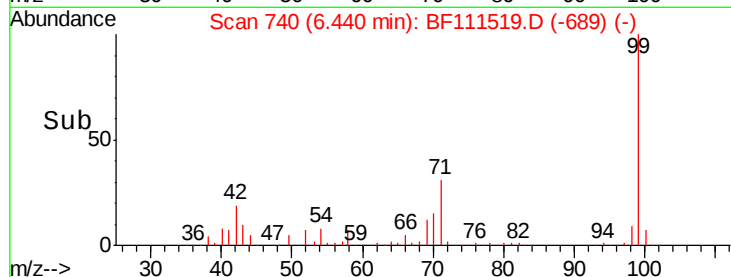
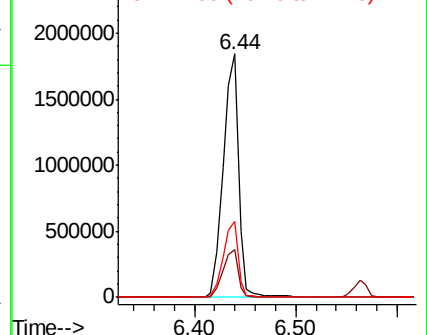
99 100

42 19.5 17.4 26.0

71 31.1 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: 6.574 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111519.D

Acq: 16 Dec 2018 20:18

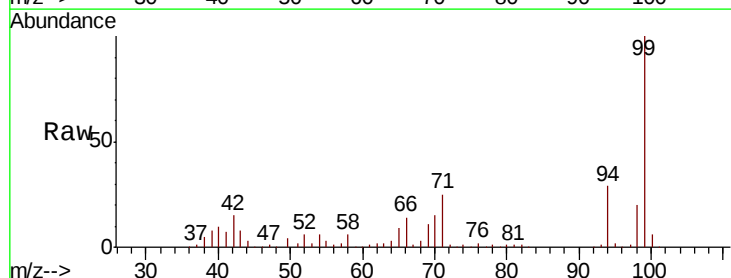
Tgt Ion: 94 Resp: 118260

Ion Ratio Lower Upper

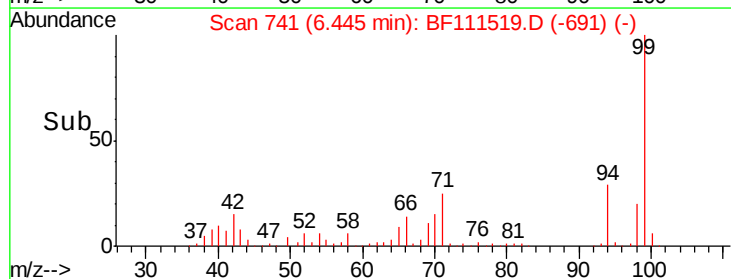
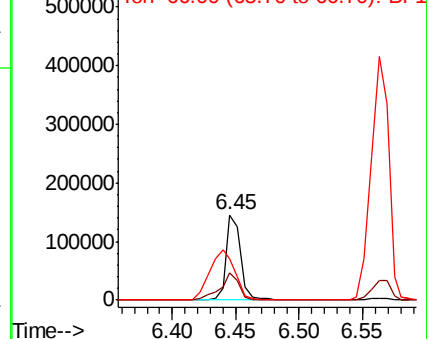
94 100

65 32.0 11.7 51.7

66 48.2 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

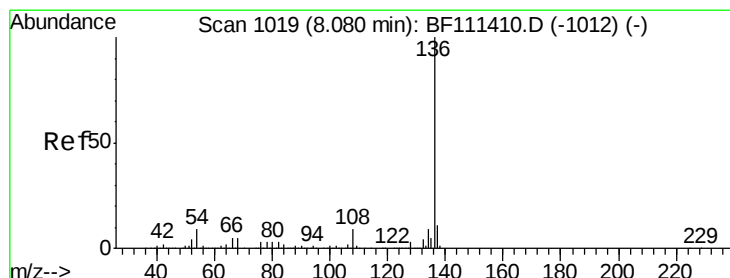
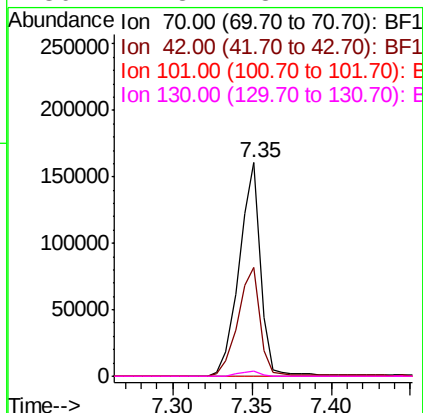
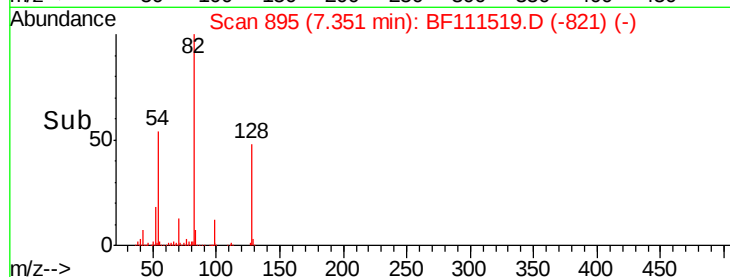
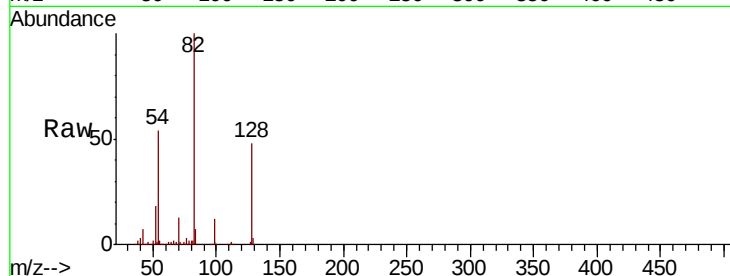




#19
n-Nitroso-di-n-propylamine
Concen: 14.135 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

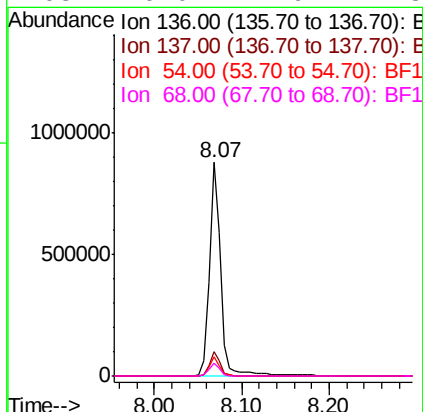
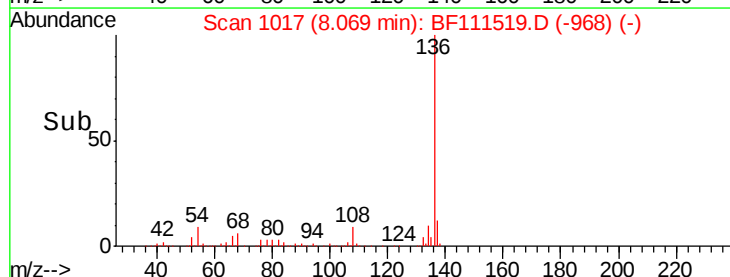
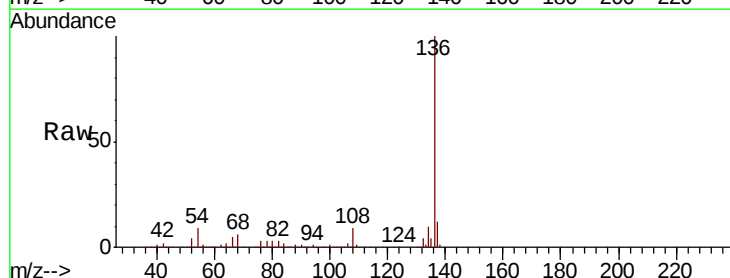
Instrument :
BNA_F
ClientSampleId :
EB09_1.5-2.5

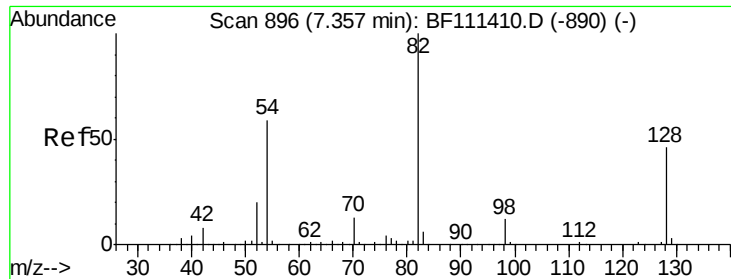
Tgt Ion:	70	Resp:	150602
Ion	Ratio	Lower	Upper
70	100		
42	50.9	53.2	79.8#
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

Tgt Ion:	136	Resp:	788592
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.0	7.7	11.5
68	6.0	4.9	7.3

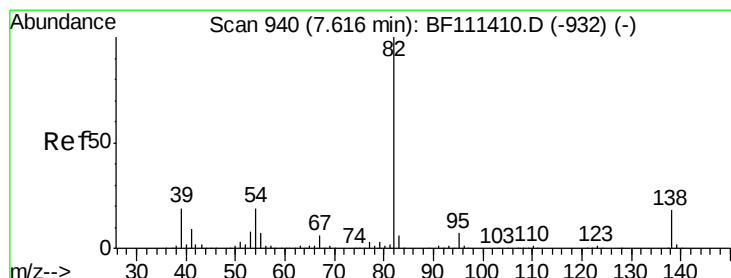
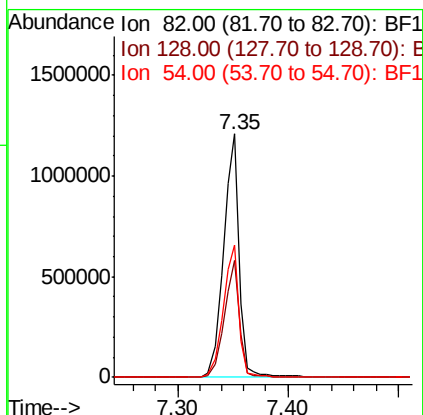
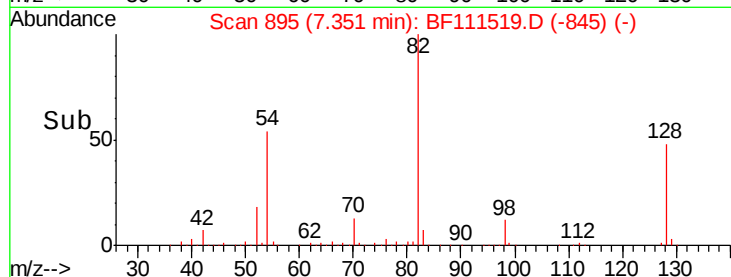
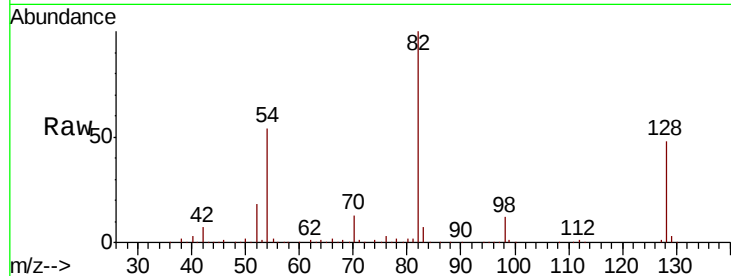




#23
 Nitrobenzene-d5
 Concen: 90.047 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

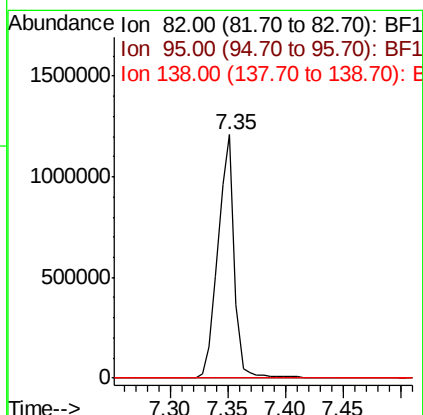
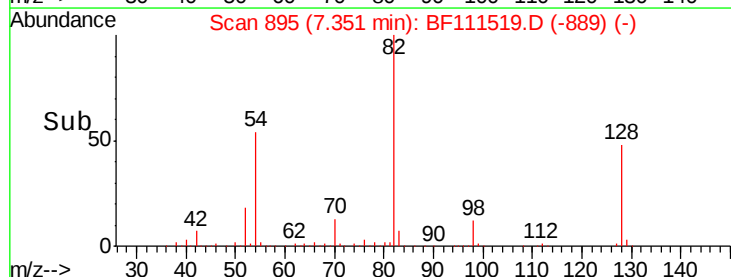
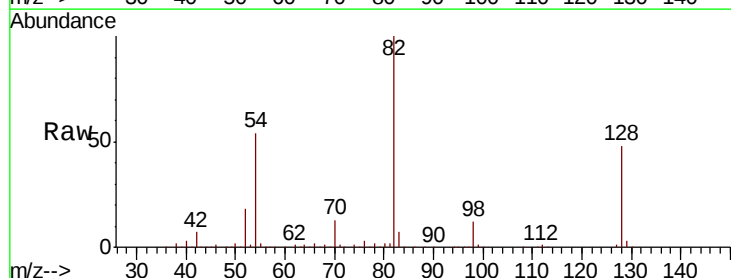
Instrument :
 BNA_F
 ClientSampleId :
 EB09_1.5-2.5

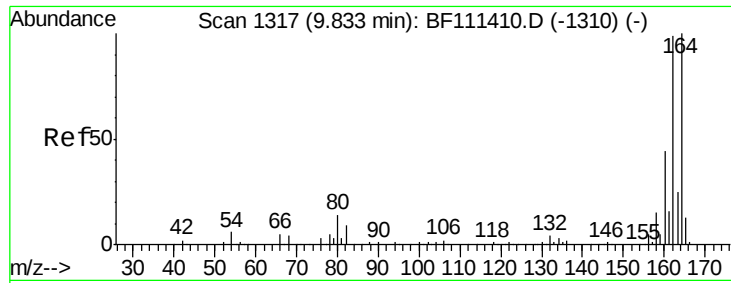
Tgt Ion: 82 Resp: 1192471
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.4 56.2
 54 54.1 47.6 71.4



#25
 Isophorone
 Concen: 53.218 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

Tgt Ion: 82 Resp: 1192458
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#

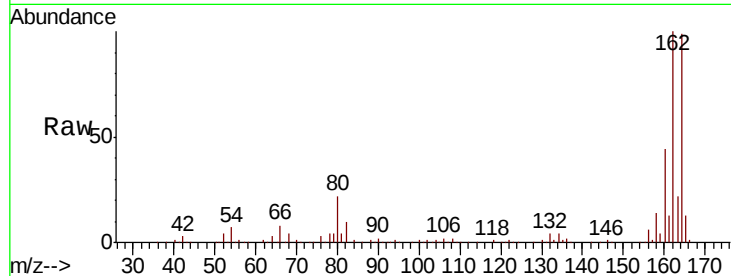




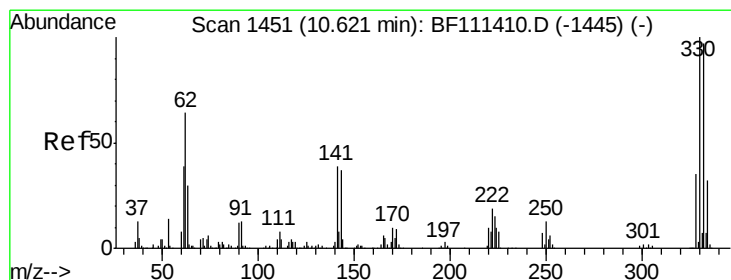
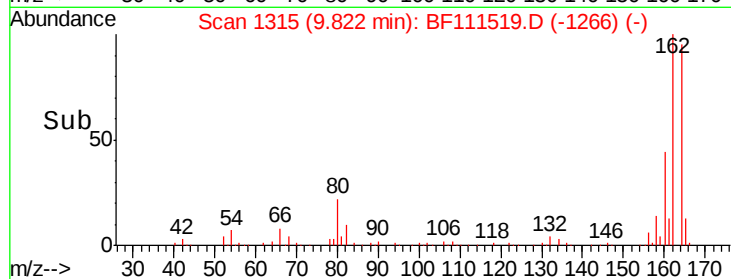
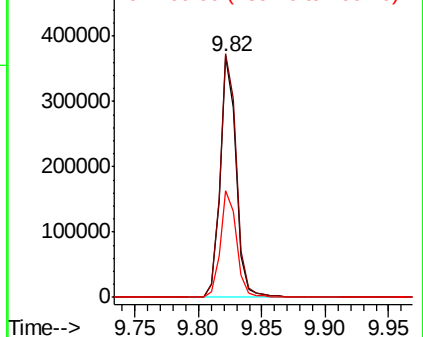
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

Instrument :
BNA_F
ClientSampleId :
EB09_1.5-2.5

Tgt Ion:164 Resp: 327488
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 44.4 35.7 53.5

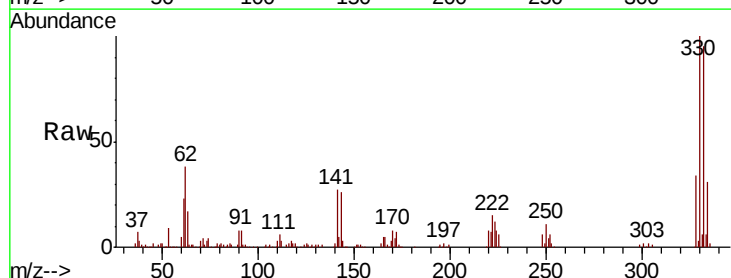


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

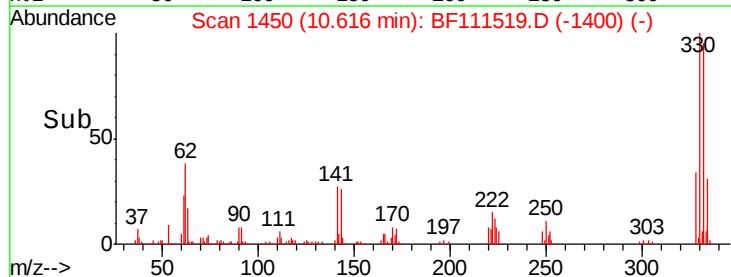
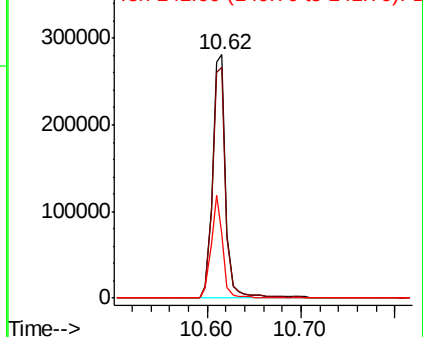


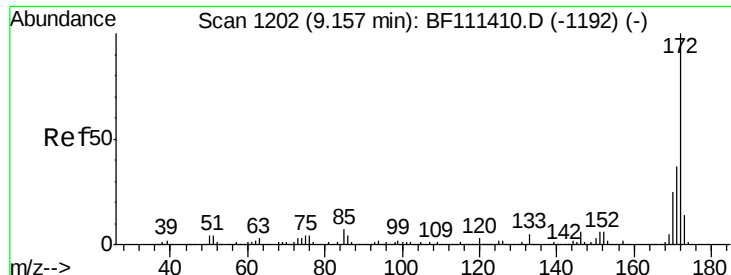
#42
2,4,6-Tribromophenol
Concen: 96.181 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

Tgt Ion:330 Resp: 282155
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 37.5 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

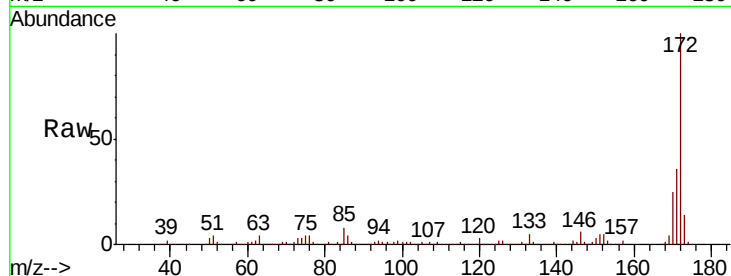




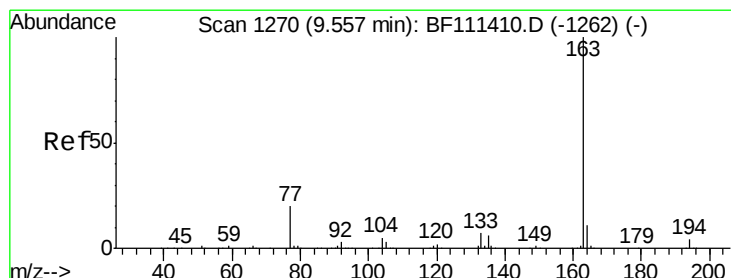
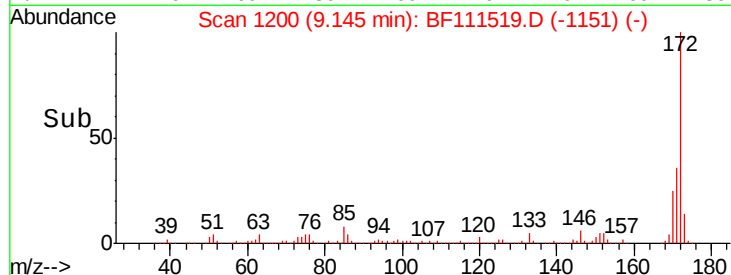
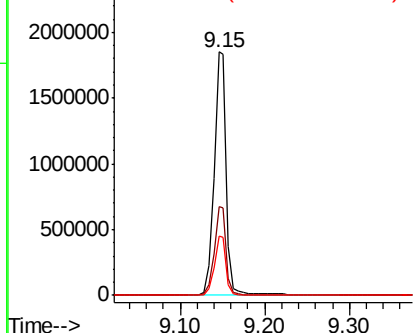
#45
 2-Fluorobiphenyl
 Concen: 90.896 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 EB09_1.5-2.5

Tgt Ion:172 Resp: 1927134
 Ion Ratio Lower Upper
 172 100
 171 36.2 33.0 49.4
 170 24.6 22.3 33.5

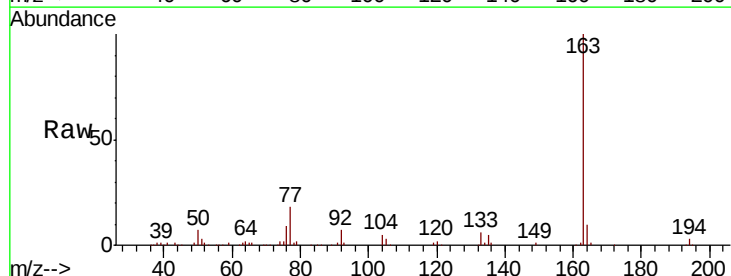


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

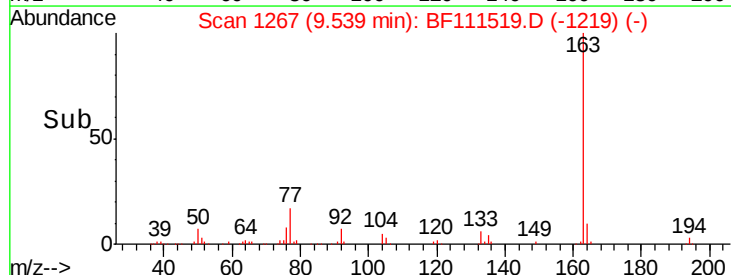
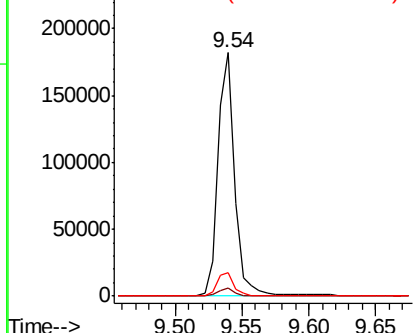


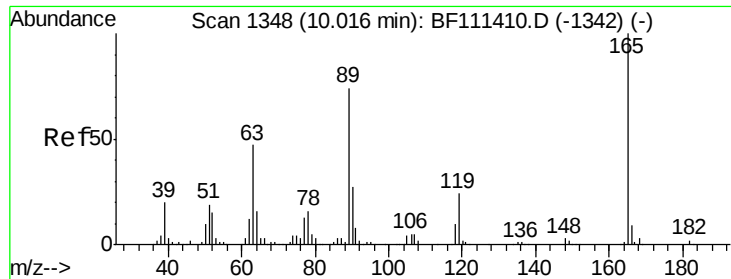
#50
 Dimethylphthalate
 Concen: 6.884 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

Tgt Ion:163 Resp: 162359
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.6
 164 9.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
 250000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

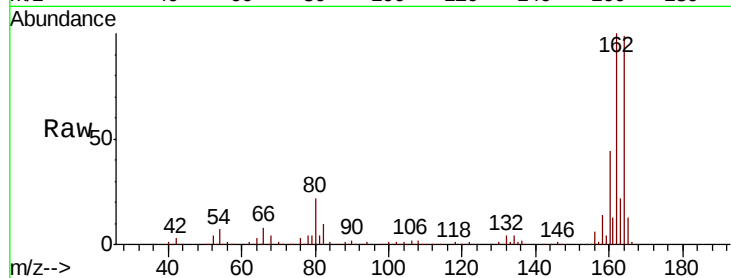




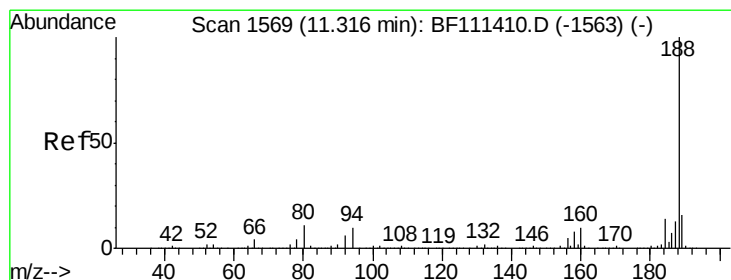
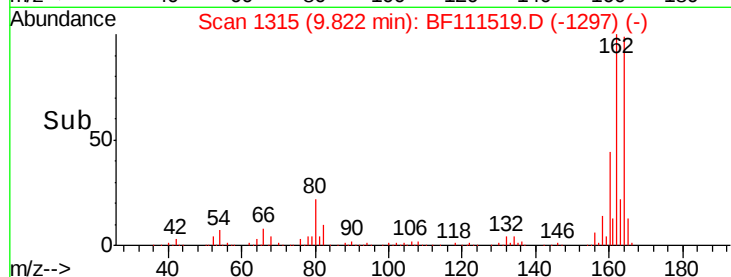
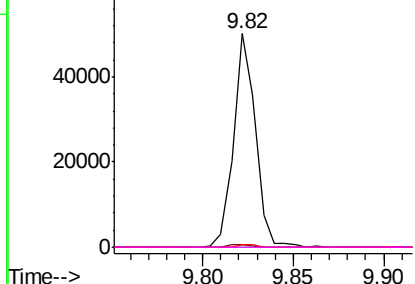
#57
 2,4-Dinitrotoluene
 Concen: 6.069 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

Instrument :
 BNA_F
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 EB09_1.5-2.5

Tgt Ion:	165	Resp:	42291
Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#

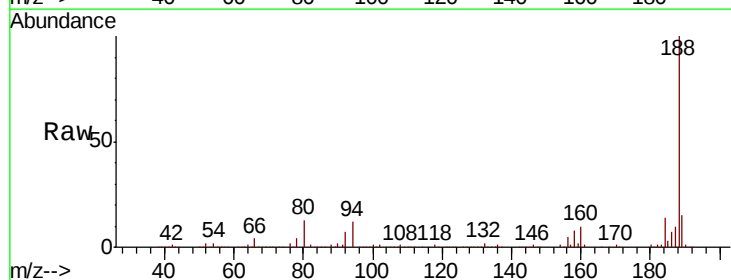


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

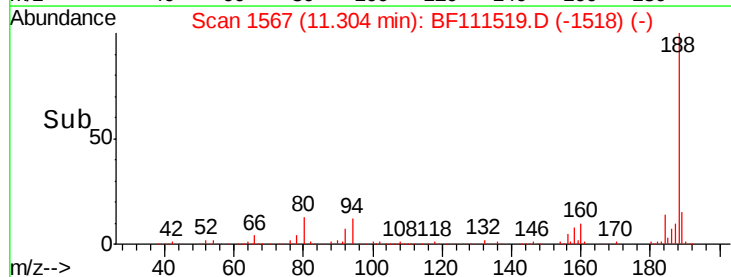
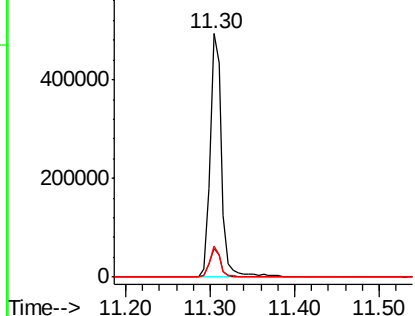


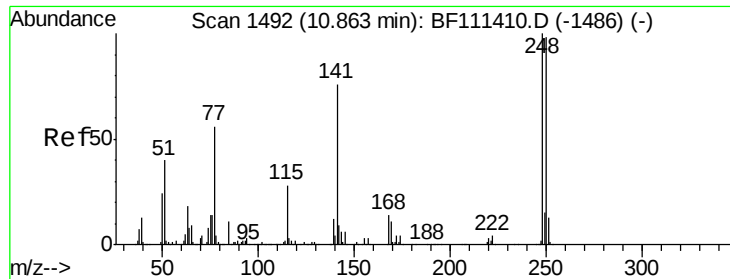
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

Tgt Ion:	188	Resp:	476035
Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.6	14.4
80	12.8	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

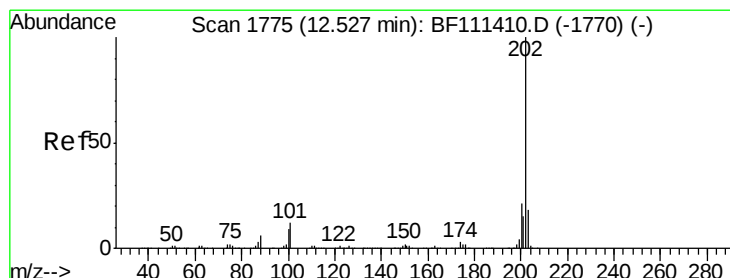
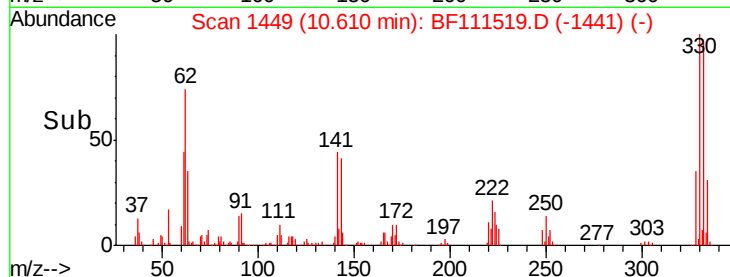
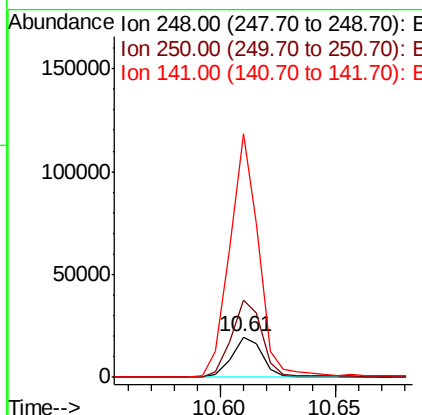
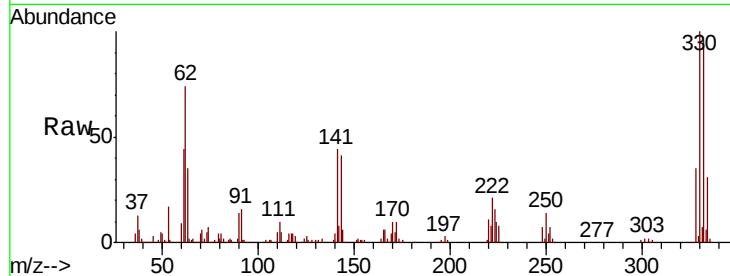




#67
 4-Bromophenyl-phenylether
 Concen: 3.530 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.25 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

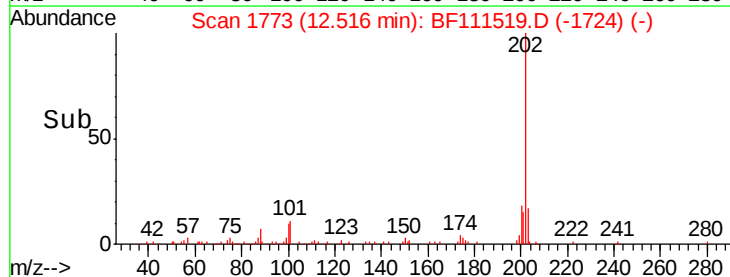
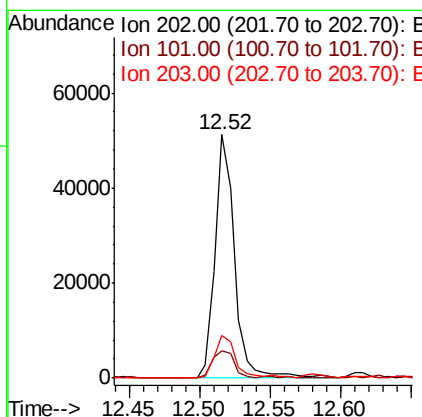
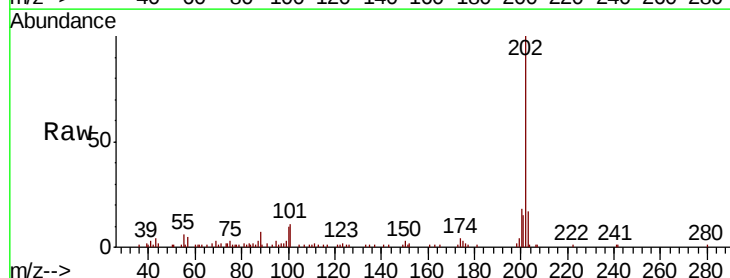
Instrument :
 BNA_F
 ClientSampleId :
 EB09_1.5-2.5

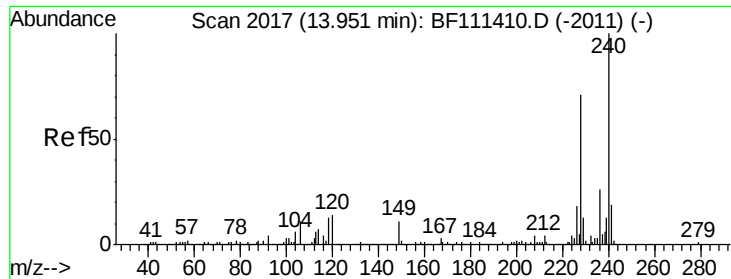
Tgt Ion:248 Resp: 18113
 Ion Ratio Lower Upper
 248 100
 250 194.0 77.0 115.4#
 141 607.3 63.0 94.6#



#75
 Fluoranthene
 Concen: 2.064 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

Tgt Ion:202 Resp: 49539
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 33.8
 203 17.3 0.0 38.6

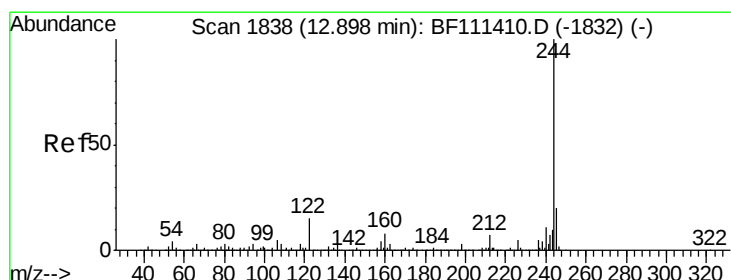
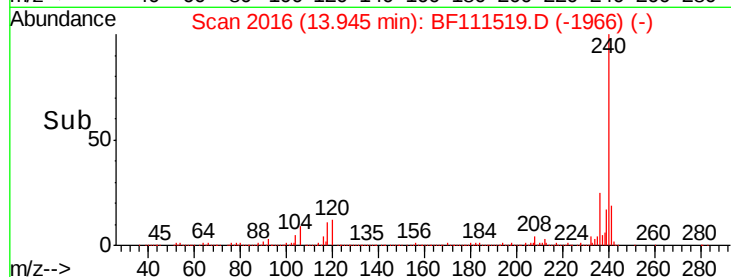
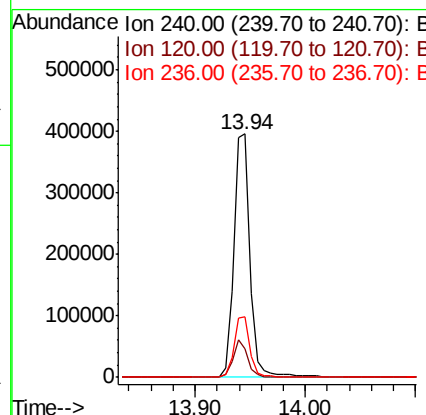
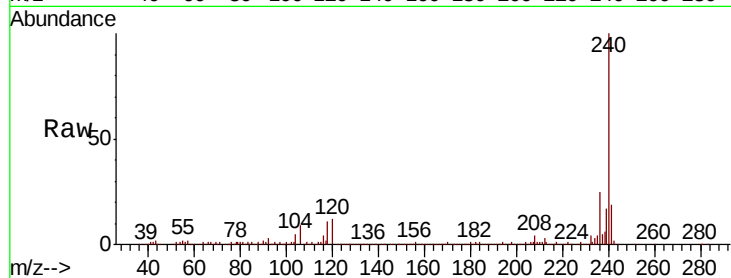




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

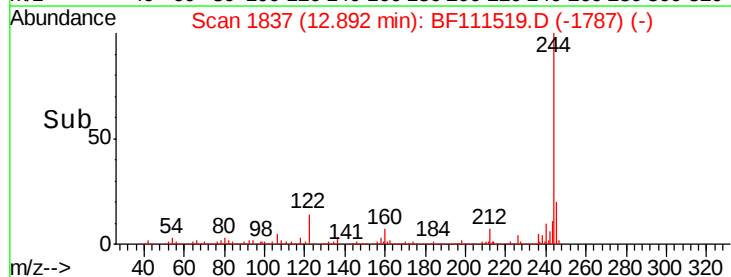
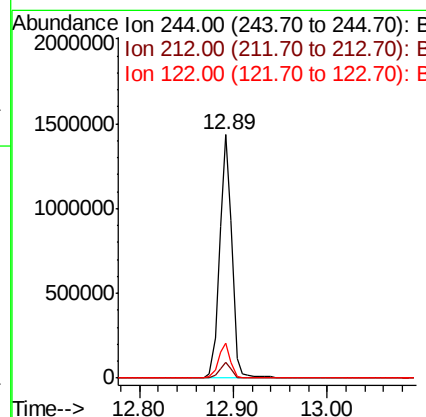
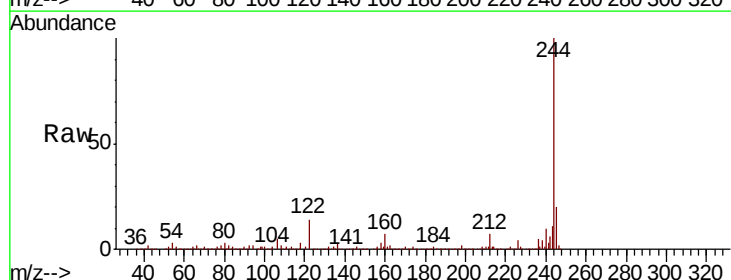
Instrument :
BNA_F
ClientSampleId :
EB09_1.5-2.5

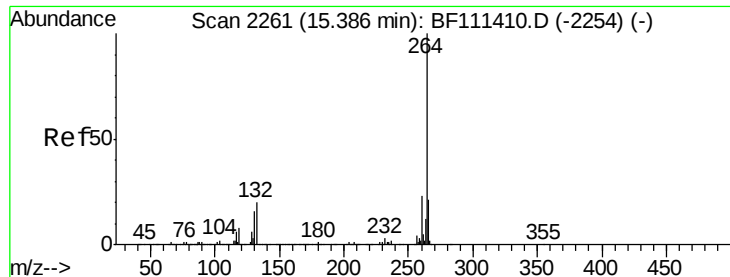
Tgt Ion:240 Resp: 405725
Ion Ratio Lower Upper
240 100
120 12.0 12.2 18.2#
236 24.9 20.2 30.2



#79
Terphenyl-d14
Concen: 76.506 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

Tgt Ion:244 Resp: 1321856
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 14.4 13.1 19.7

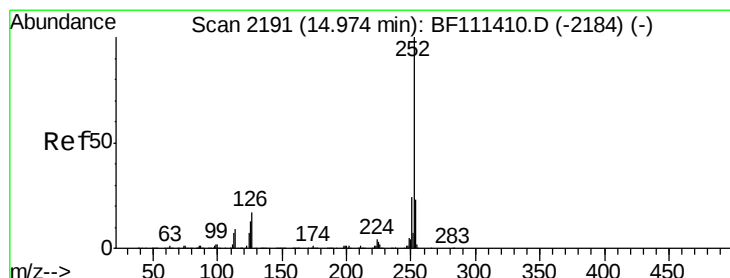
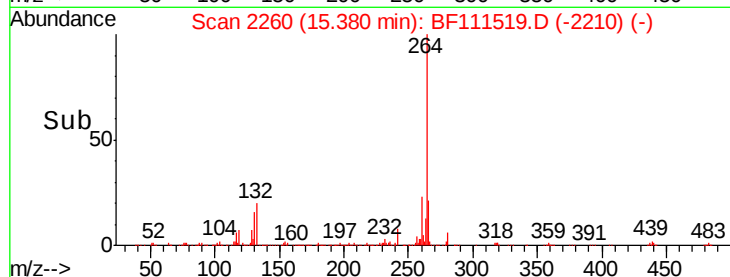
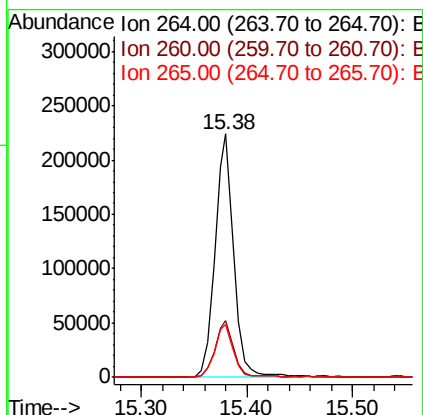
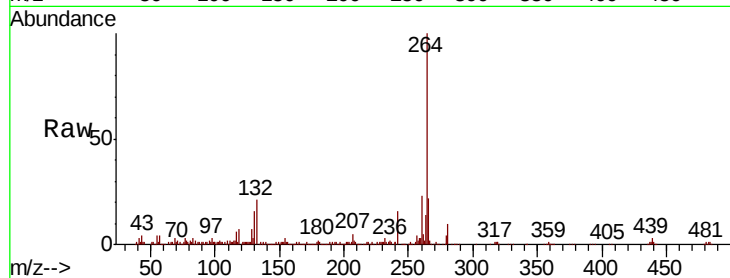




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

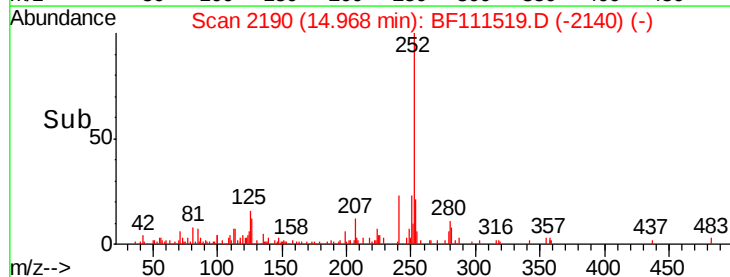
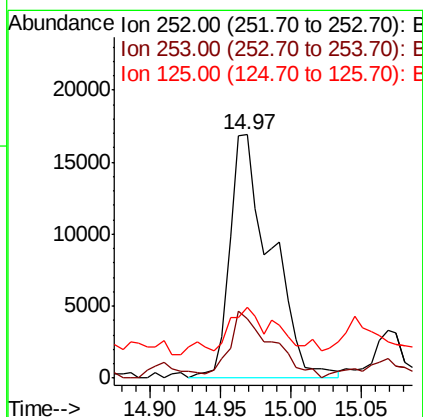
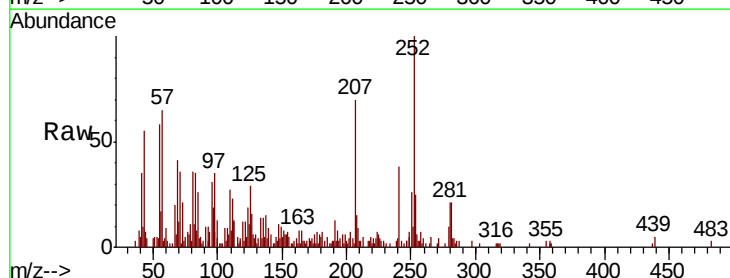
Instrument :
BNA_F
ClientSampleId :
EB09_1.5-2.5

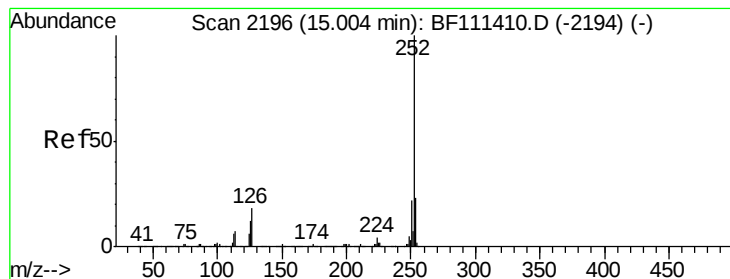
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.6	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 2.103 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111519.D
Acq: 16 Dec 2018 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	29.1	10.4	15.6

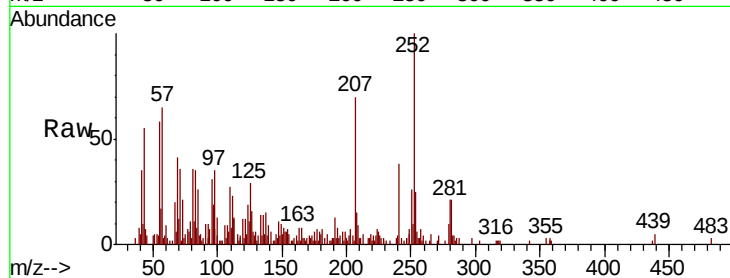




#89
 Benzo(k)fluoranthene
 Concen: 2.201 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.04 min
 Lab File: BF111519.D
 Acq: 16 Dec 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :
 EB09_1.5-2.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	29.1	9.8	14.8



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

