

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111428.D
 Acq On : 14 Dec 2018 19:34
 Operator : JU/SJ
 Sample : J6340-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06A

Quant Time: Dec 14 22:12:13 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

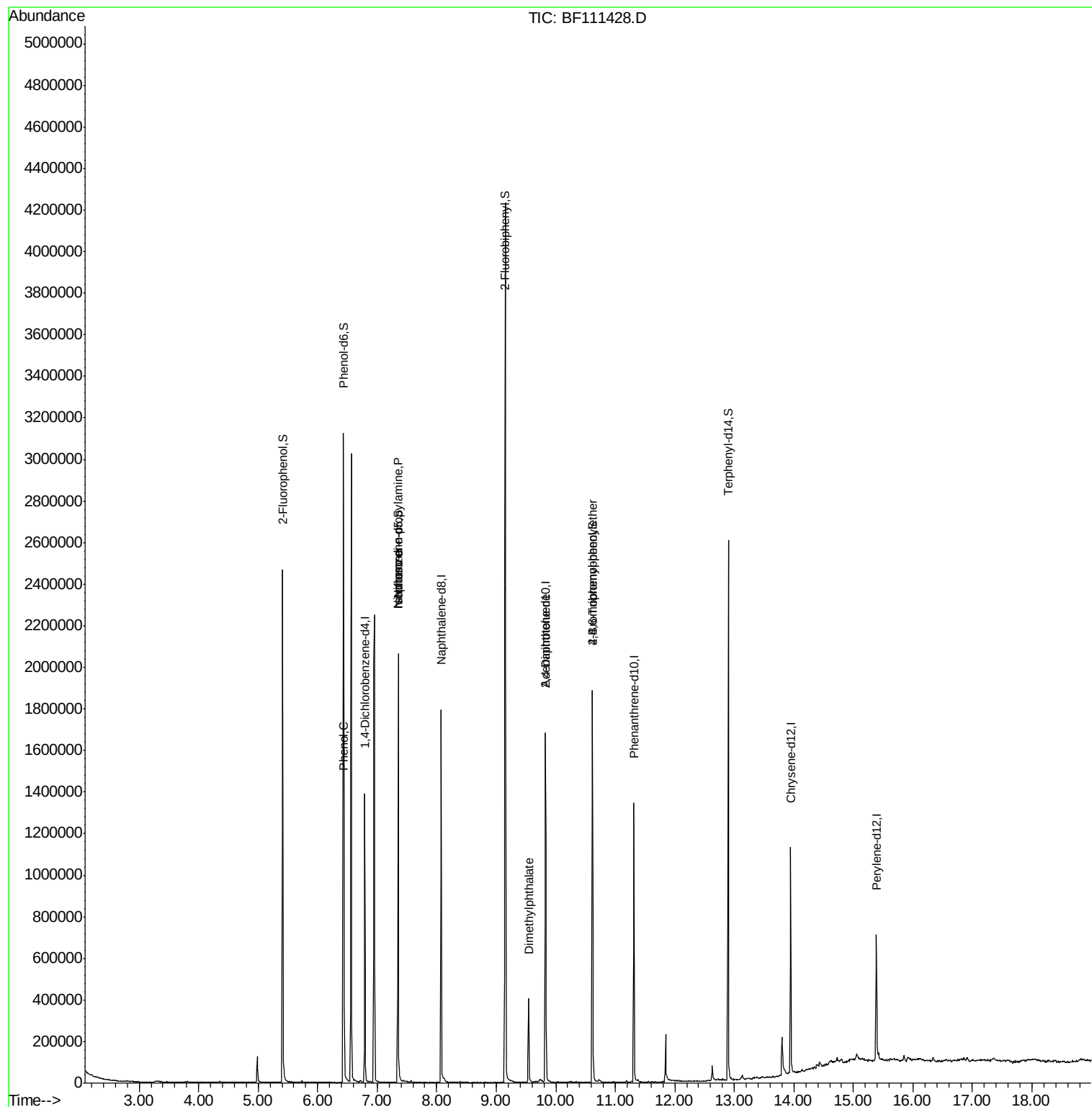
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	184431	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	736646	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	323174	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	458622	20.00	ng	0.00
76) Chrysene-d12	13.94	240	359260	20.00	ng	0.00
87) Perylene-d12	15.39	264	281626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	668920	60.35	ng	0.00
7) Phenol-d6	6.43	99	934775	63.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	578784	46.79	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	194846	67.31	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1205151	57.60	ng	0.00
79) Terphenyl-d14	12.90	244	826139	54.00	ng	0.00
Target Compounds						
10) Phenol	6.45	94	58001	3.532	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	76674	7.883	ng	# 80
25) Isophorone	7.35	82	578776	27.651	ng	# 64
50) Dimethylphthalate	9.55	163	177928	7.645	ng	97
57) 2,4-Dinitrotoluene	9.83	165	40885	5.946	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	13243	2.679	ng	# 1

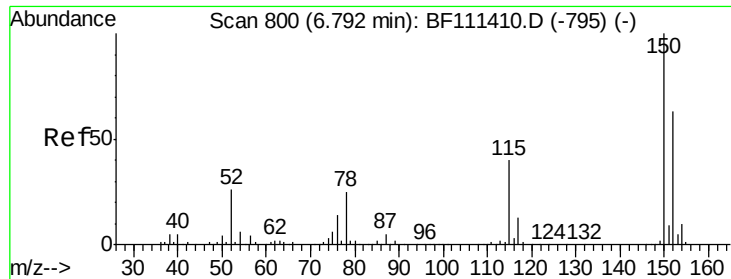
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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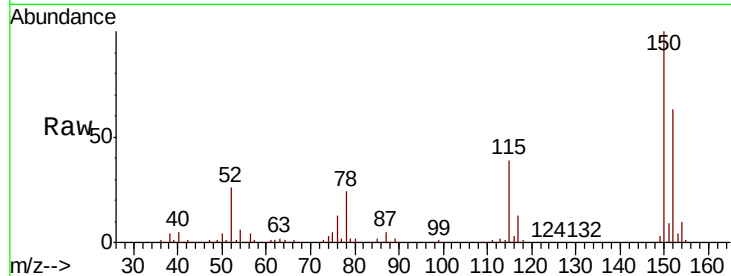


#1

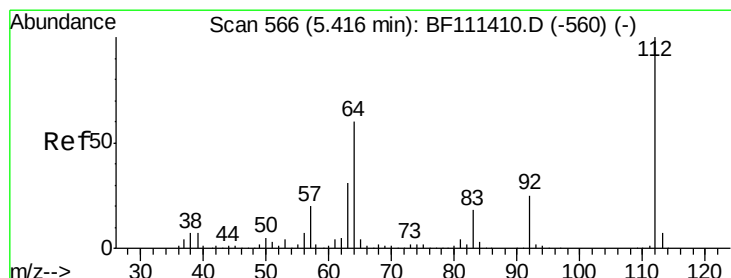
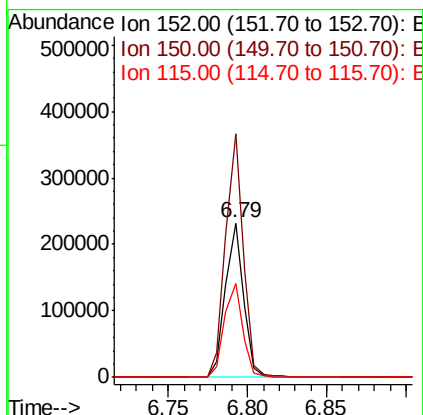
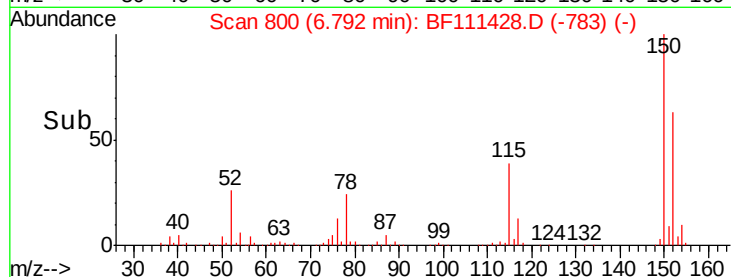
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111428.D
 Acq: 14 Dec 2018 19:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-06A

Tgt Ion:152 Resp: 184431
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.6 189.8
 115 61.1 50.7 76.1



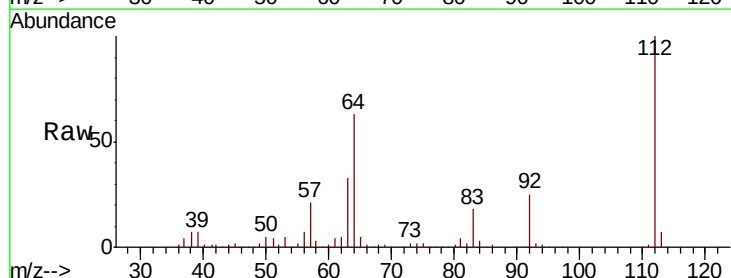
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



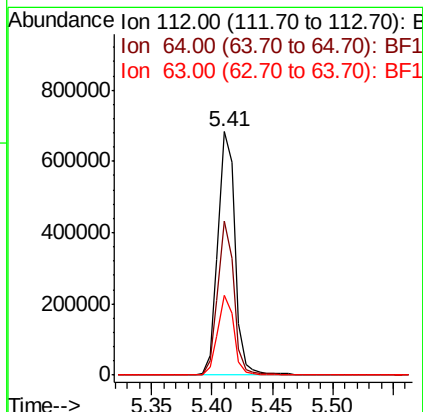
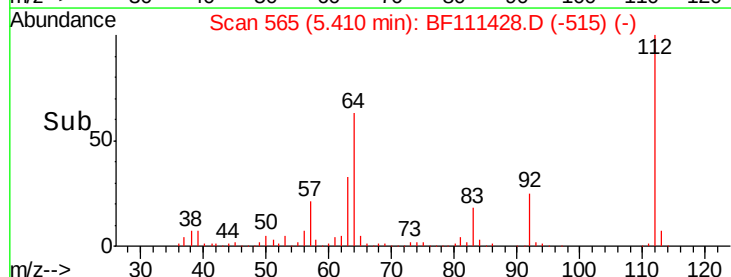
#5

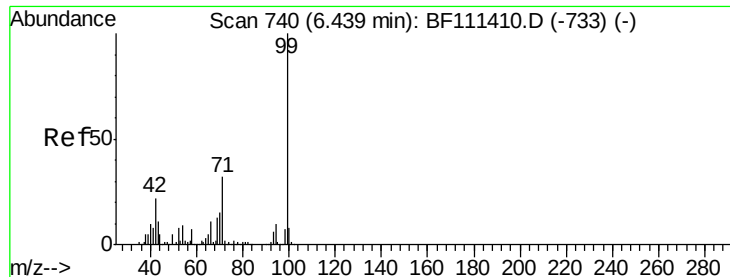
2-Fluorophenol
 Concen: 60.354 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF111428.D
 Acq: 14 Dec 2018 19:34

Tgt Ion:112 Resp: 668920
 Ion Ratio Lower Upper
 112 100
 64 63.2 51.8 77.6
 63 32.9 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: 63.406 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

Instrument :

BNA_G

ClientSampled :

SB-06A

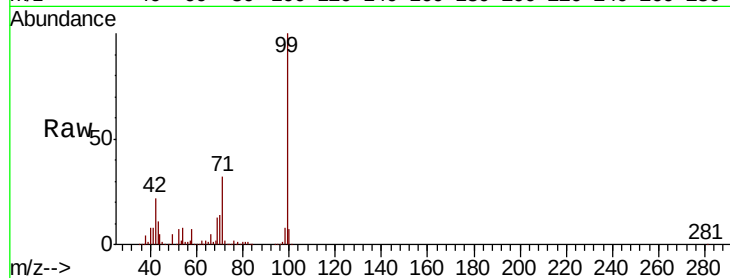
Tgt Ion: 99 Resp: 934775

Ion Ratio Lower Upper

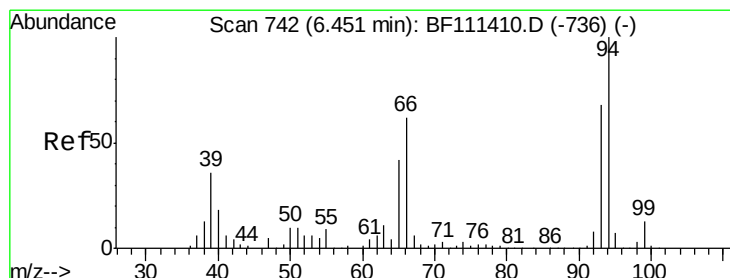
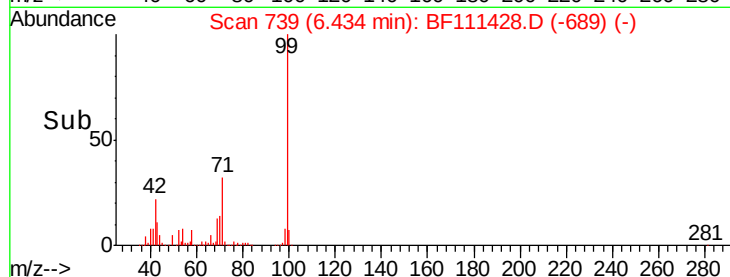
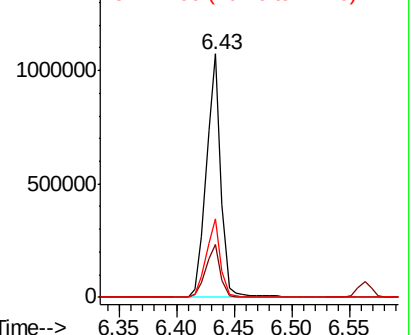
99 100

42 21.7 17.4 26.0

71 32.5 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: 3.532 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

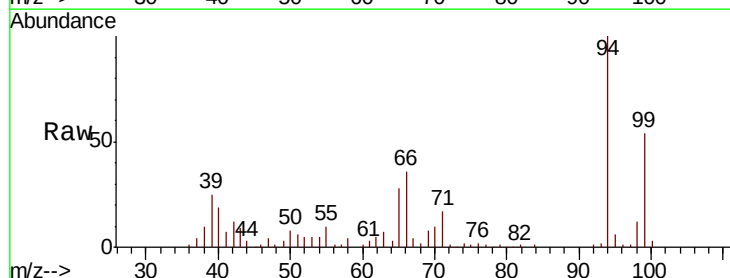
Tgt Ion: 94 Resp: 58001

Ion Ratio Lower Upper

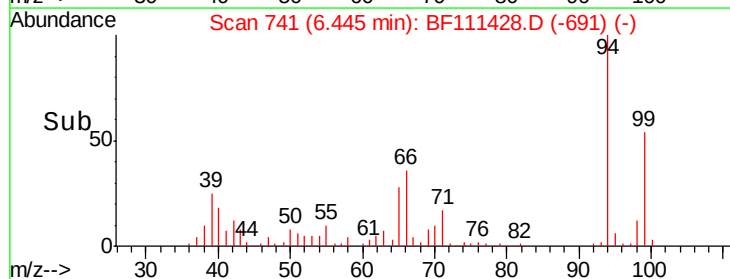
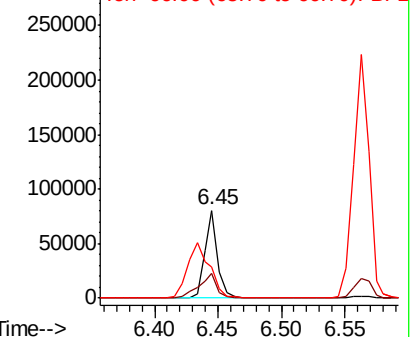
94 100

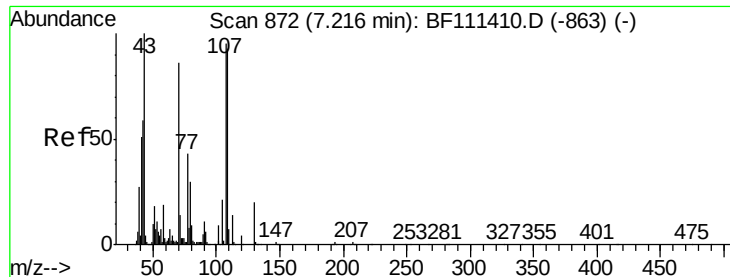
65 28.0 11.7 51.7

66 35.7 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

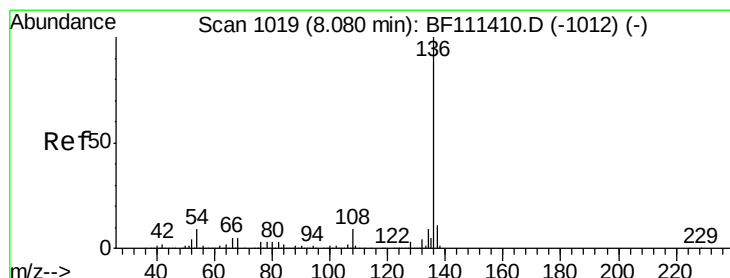
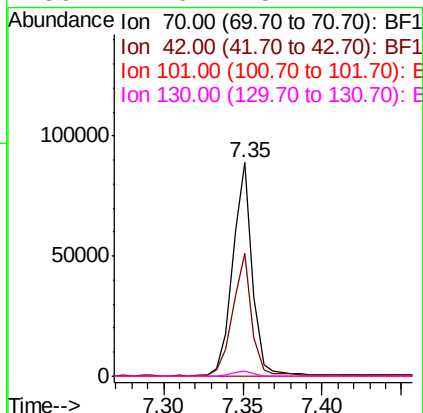
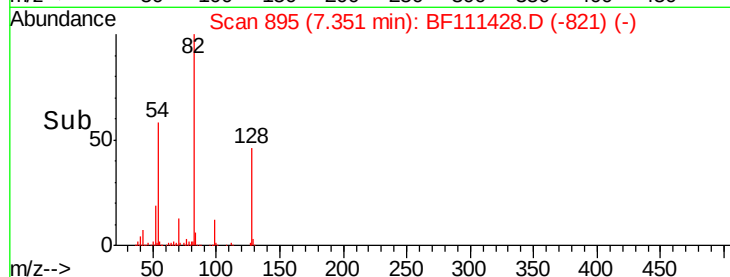
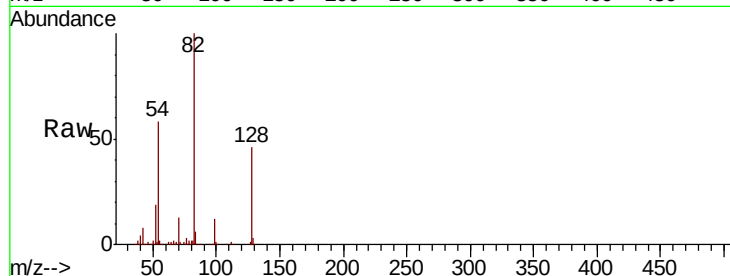




#19
n-Nitroso-di-n-propylamine
Concen: 7.883 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

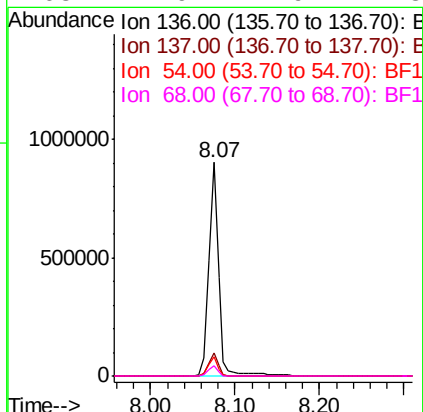
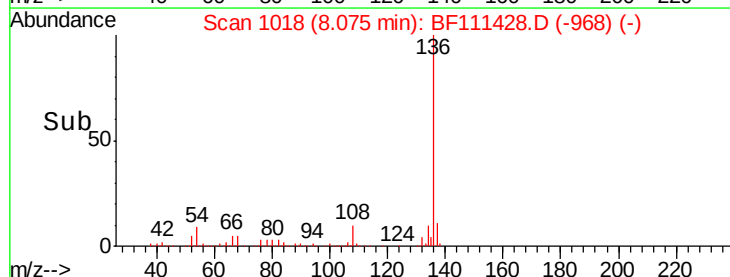
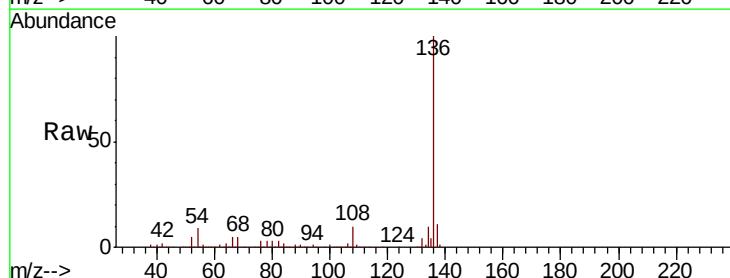
Instrument :
BNA_G
ClientSampleId :
SB-06A

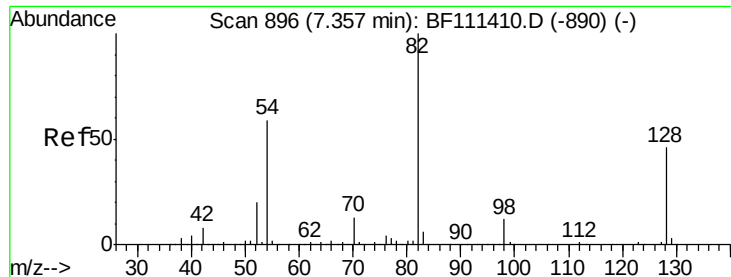
Tgt Ion:	70	Resp:	76674
Ion	Ratio	Lower	Upper
70	100		
42	57.8	53.2	79.8
101	0.0	8.2	12.4#
130	2.6	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Tgt Ion:	136	Resp:	736646
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.3	7.7	11.5
68	4.9	4.9	7.3

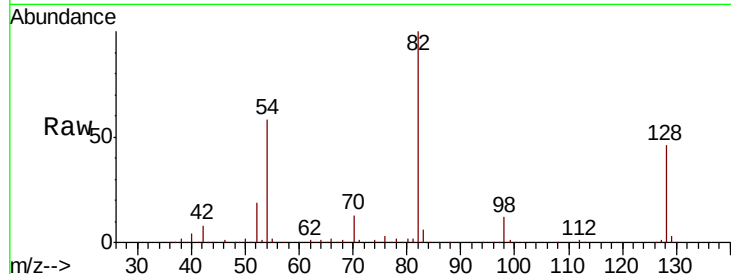




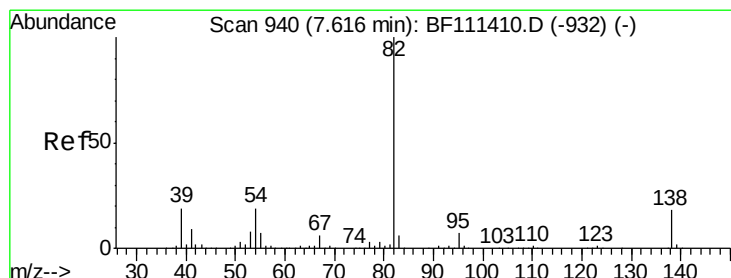
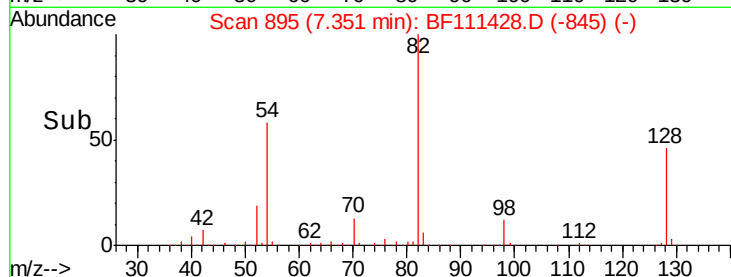
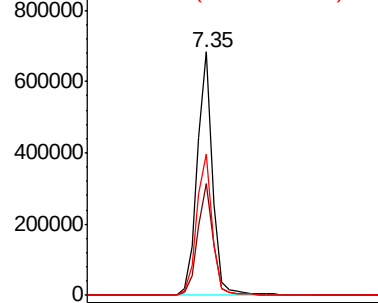
#23
Nitrobenzene-d5
Concen: 46.787 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Instrument :
BNA_G
ClientSampleId :
SB-06A

Tgt Ion: 82 Resp: 578784
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.2
54 58.2 47.6 71.4

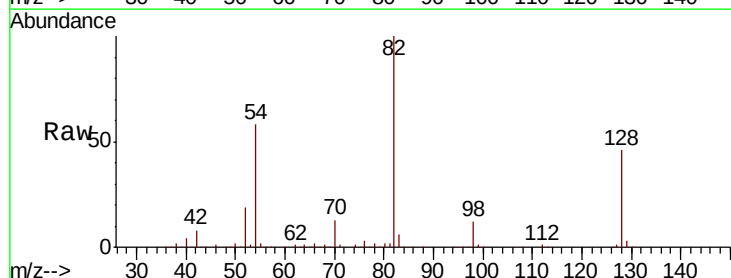


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

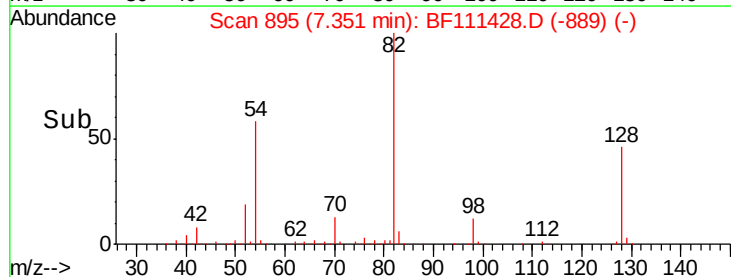
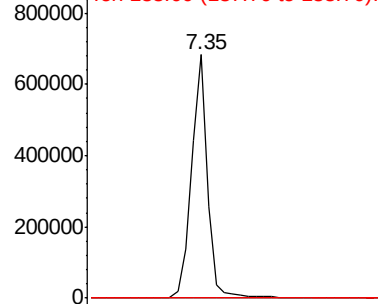


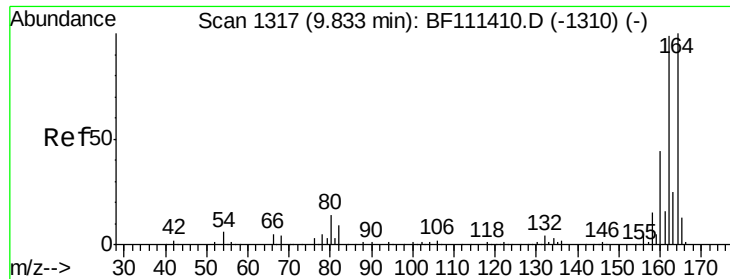
#25
Isophorone
Concen: 27.651 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Tgt Ion: 82 Resp: 578776
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

Instrument :

BNA_G

ClientSampled :

SB-06A

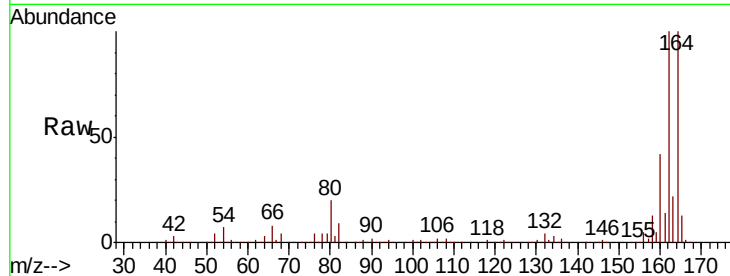
Tgt Ion:164 Resp: 323174

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

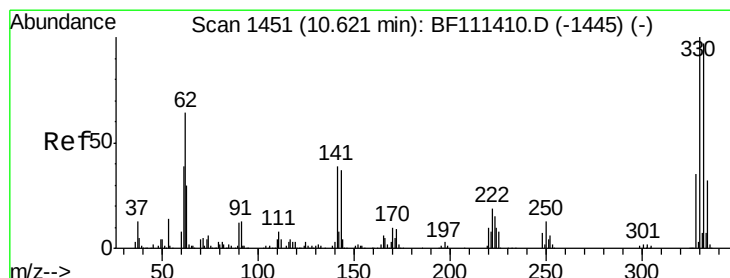
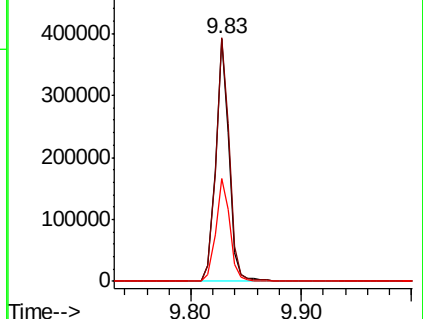
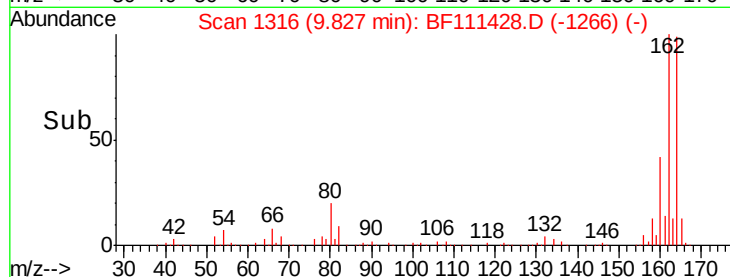
160 42.3 35.7 53.5



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: 67.305 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

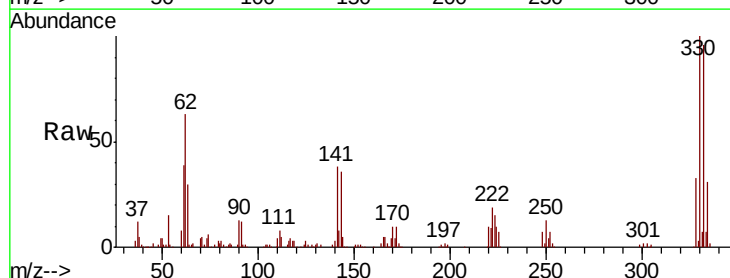
Tgt Ion:330 Resp: 194846

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

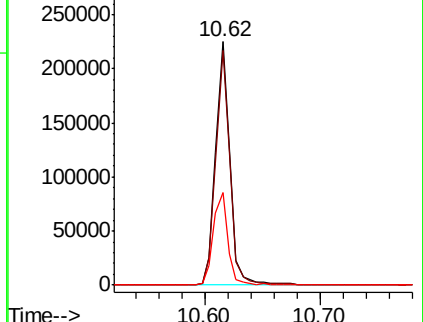
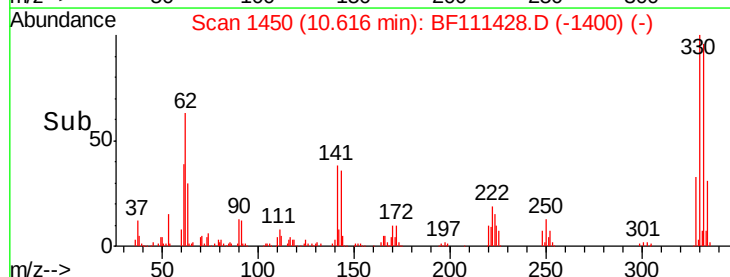
141 39.0 31.0 46.6

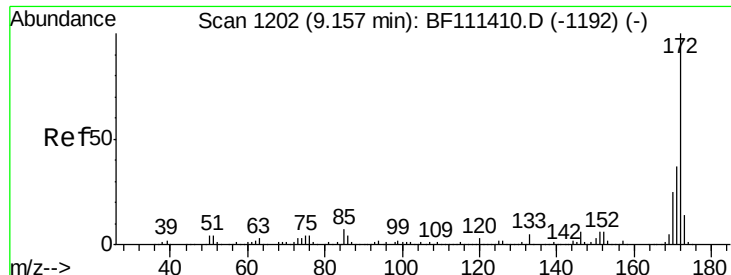


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

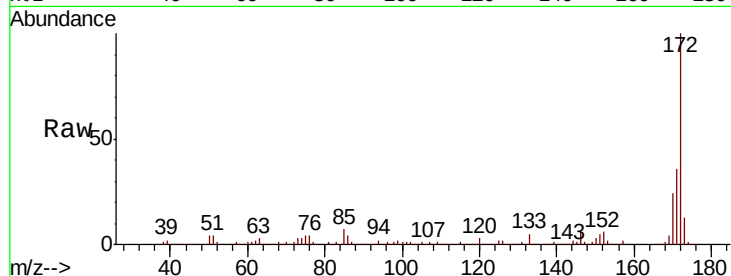




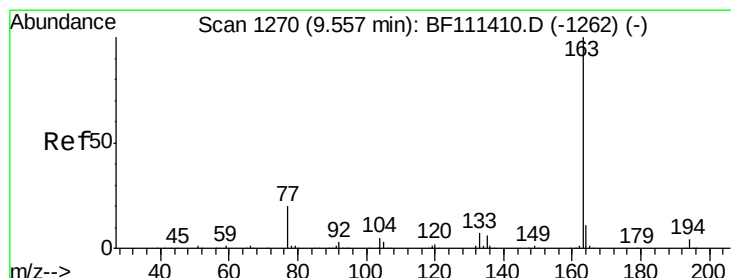
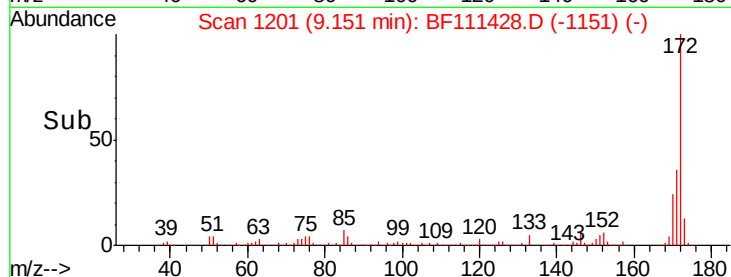
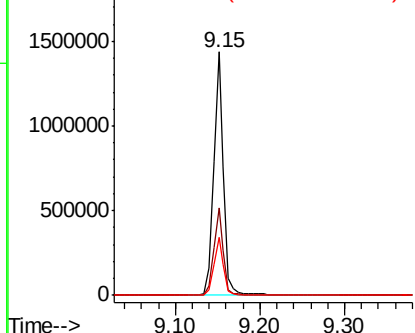
#45
2-Fluorobiphenyl
Concen: 57.601 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Instrument :
BNA_G
ClientSampleId :
SB-06A

Tgt Ion:172 Resp: 1205151
Ion Ratio Lower Upper
172 100
171 36.1 33.0 49.4
170 23.8 22.3 33.5

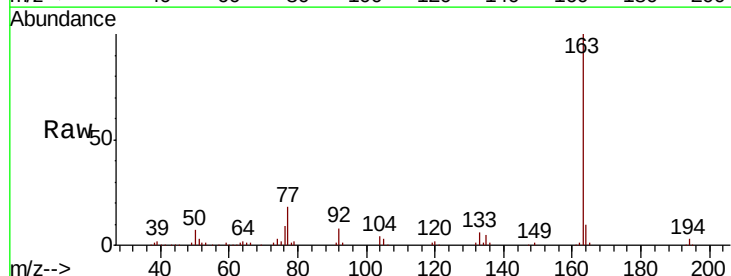


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

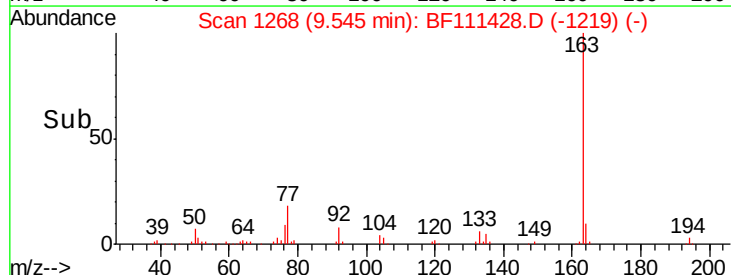
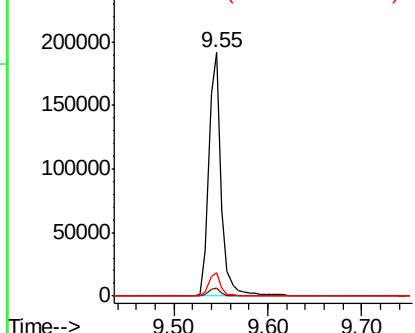


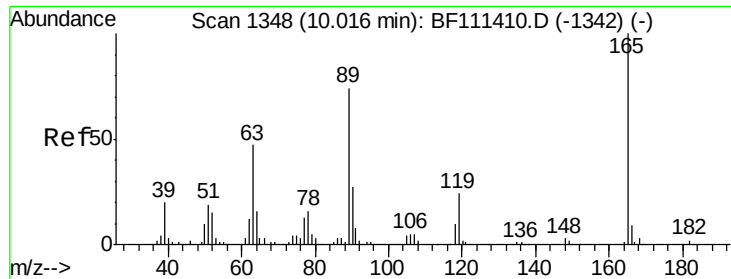
#50
Dimethylphthalate
Concen: 7.645 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Tgt Ion:163 Resp: 177928
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 9.9 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

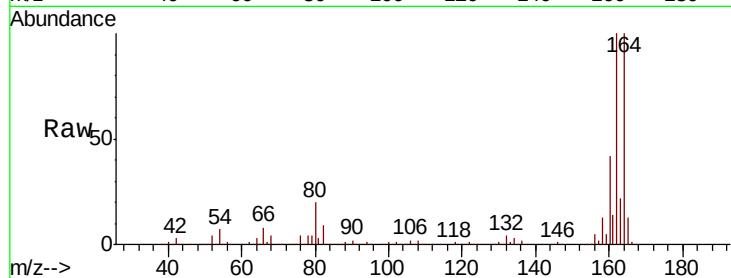




#57
2,4-Dinitrotoluene
Concen: 5.946 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

Instrument :
BNA_G
ClientSampleId :
SB-06A

Tgt Ion:	165	Resp:	40885
Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	0.9	56.2	84.4#
182	0.0	1.8	2.6#

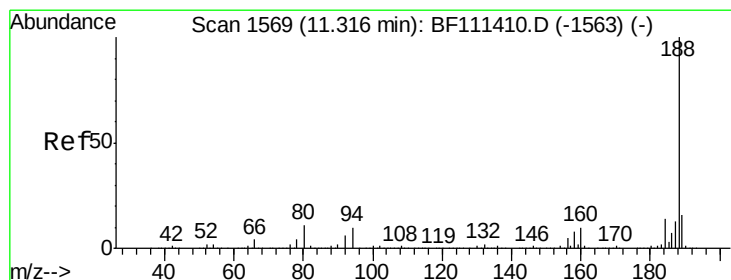
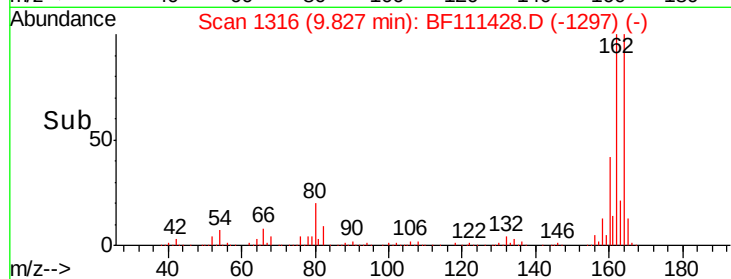
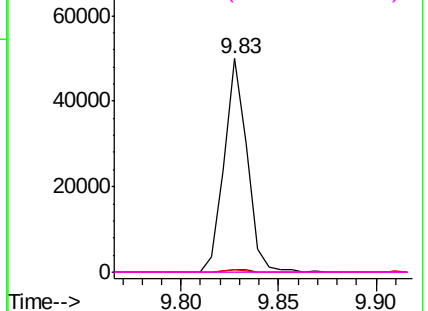


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

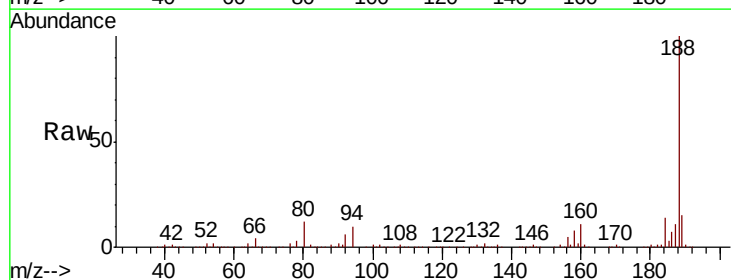
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111428.D
Acq: 14 Dec 2018 19:34

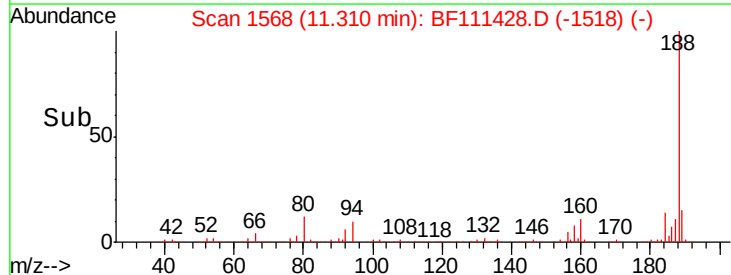
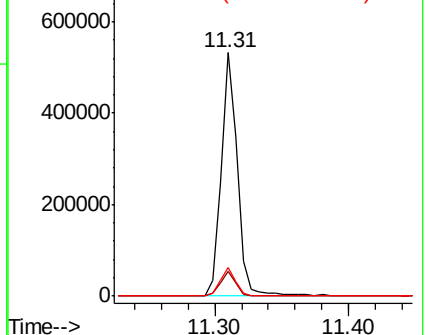
Tgt Ion:	188	Resp:	458622
Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.6	14.4
80	11.7	9.8	14.6

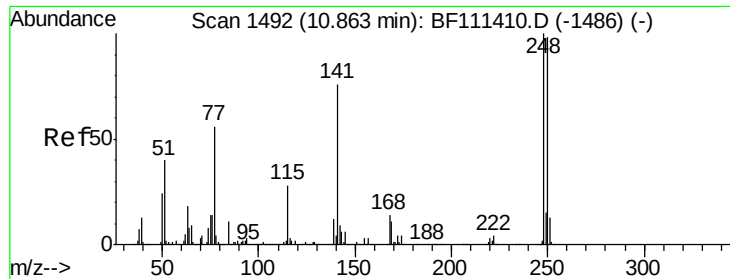


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

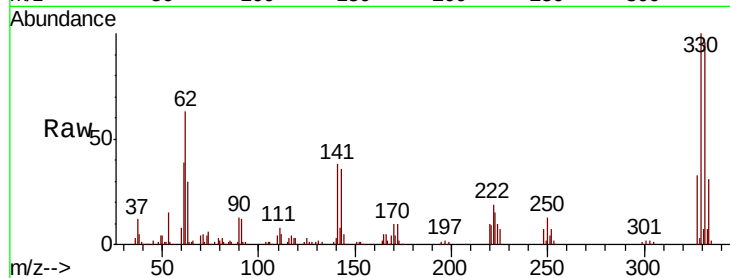




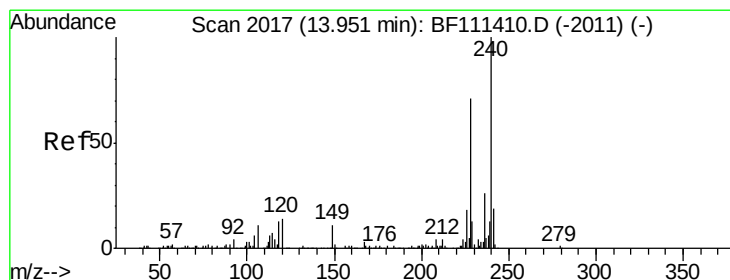
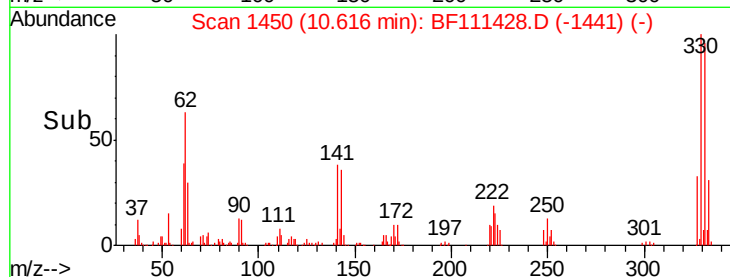
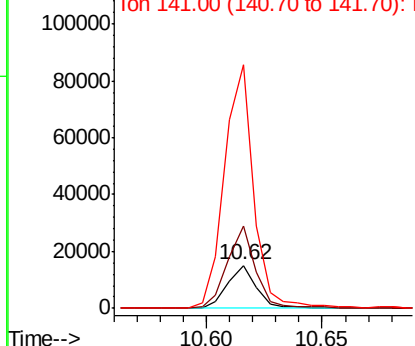
#67
 4-Bromophenyl-phenylether
 Concen: 2.679 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111428.D
 Acq: 14 Dec 2018 19:34

Instrument :
 BNA_G
 ClientSampled :
 SB-06A

Tgt Ion:248 Resp: 13243
 Ion Ratio Lower Upper
 248 100
 250 189.9 77.0 115.4#
 141 564.9 63.0 94.6#

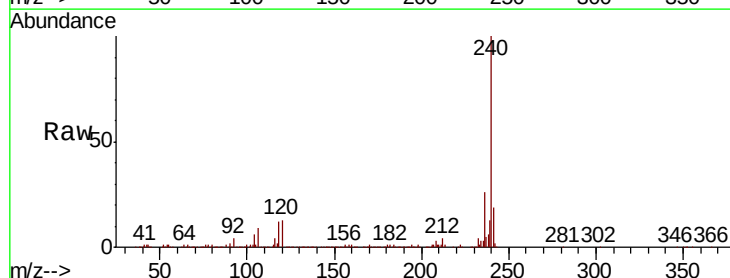


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

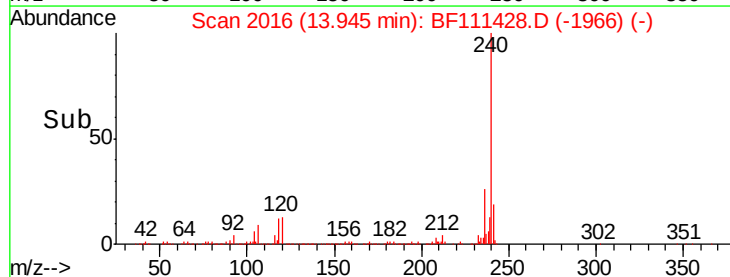
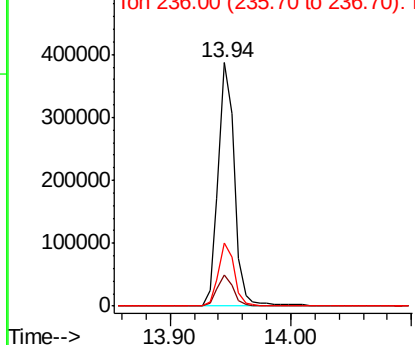


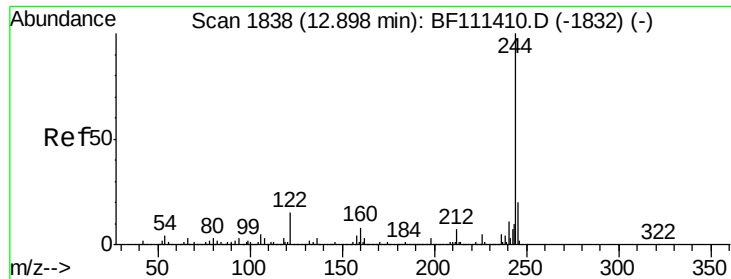
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111428.D
 Acq: 14 Dec 2018 19:34

Tgt Ion:240 Resp: 359260
 Ion Ratio Lower Upper
 240 100
 120 12.5 12.2 18.2
 236 25.9 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: 53.999 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

Instrument :

BNA_G

ClientSampleId :

SB-06A

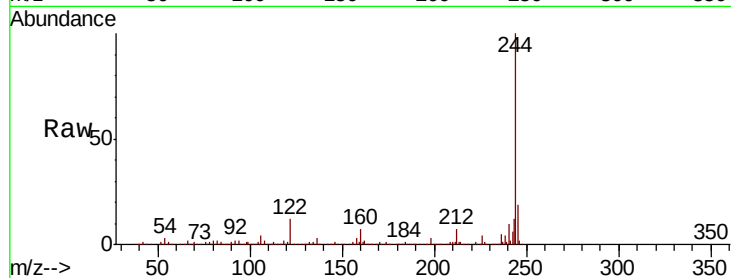
Tgt Ion:244 Resp: 826139

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

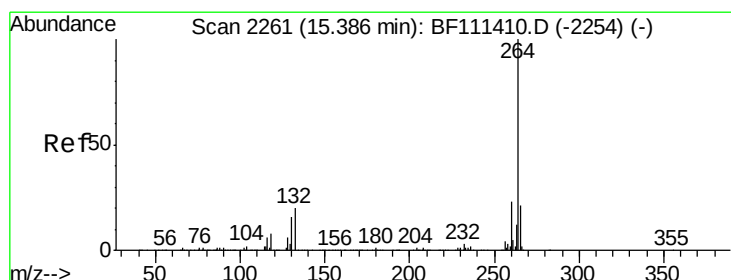
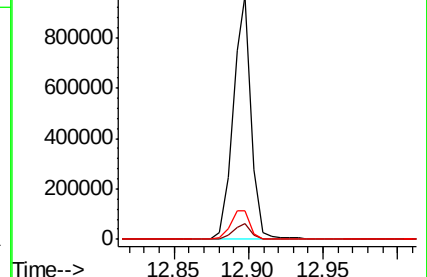
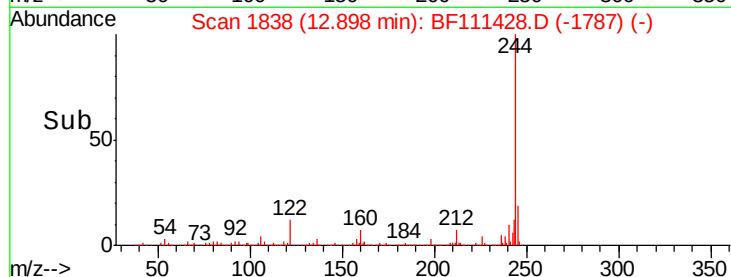
122 11.7 13.1 19.7#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111428.D

Acq: 14 Dec 2018 19:34

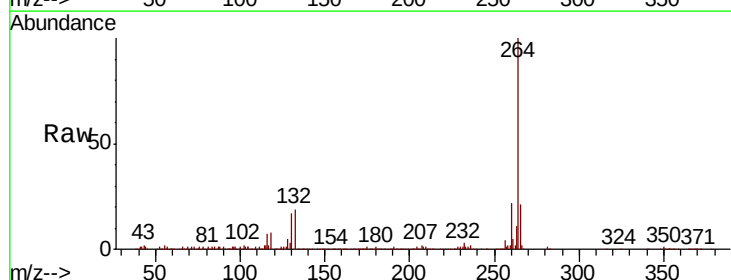
Tgt Ion:264 Resp: 281626

Ion Ratio Lower Upper

264 100

260 21.7 18.3 27.5

265 21.3 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

