

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111652.D
 Acq On : 20 Dec 2018 21:27
 Operator : JU/SJ
 Sample : J6357-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08A

Quant Time: Dec 21 06:22:04 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

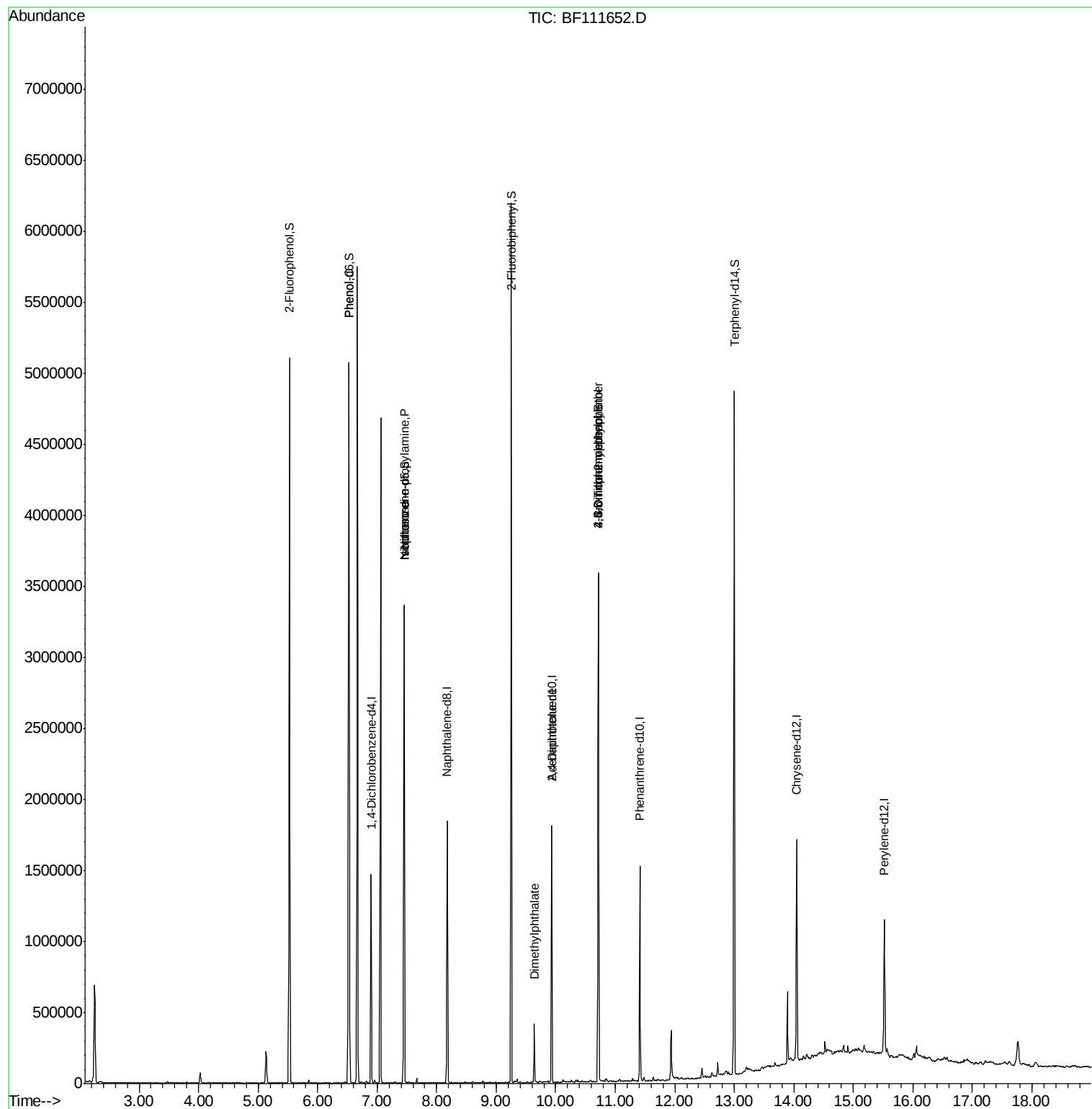
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	208867	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	765493	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	364384	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	581619	20.00	ng	0.00
76) Chrysene-d12	14.04	240	502708	20.00	ng	0.00
87) Perylene-d12	15.52	264	439807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1393212	113.70	ng	0.01
7) Phenol-d6	6.53	99	1788661	114.70	ng	0.00
23) Nitrobenzene-d5	7.46	82	1134822	86.29	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	417321	96.93	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2020182	80.81	ng	0.00
79) Terphenyl-d14	13.00	244	1613632	60.87	ng	0.00
Target Compounds						
10) Phenol	6.53	94	122950	6.988	ng	86
19) n-Nitroso-di-n-propylamine	7.46	70	158916	15.344	ng	# 76
25) Isophorone	7.46	82	1132877	48.524	ng	# 64
50) Dimethylphthalate	9.64	163	138349	5.192	ng	99
57) 2,4-Dinitrotoluene	9.93	165	48067	7.527	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	865	7.003	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	25202	3.494	ng	# 1

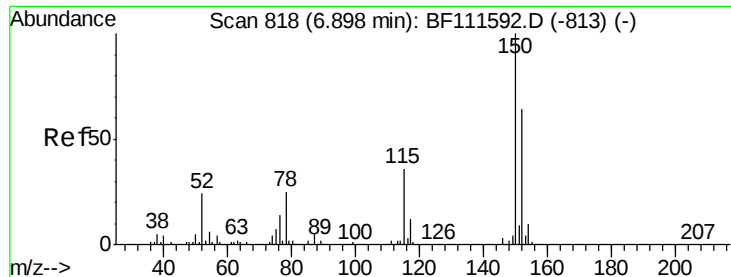
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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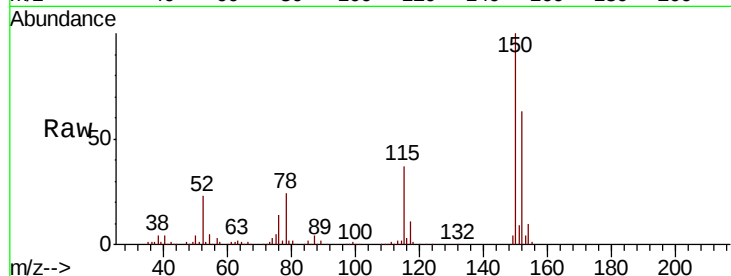


#1

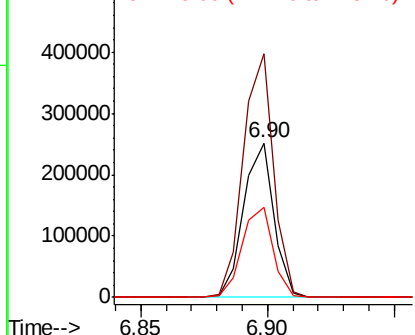
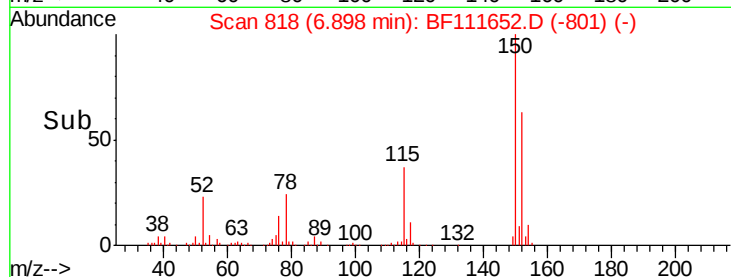
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111652.D
Acq: 20 Dec 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-08A

Tgt Ion:152 Resp: 208867
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 58.4 50.7 76.1



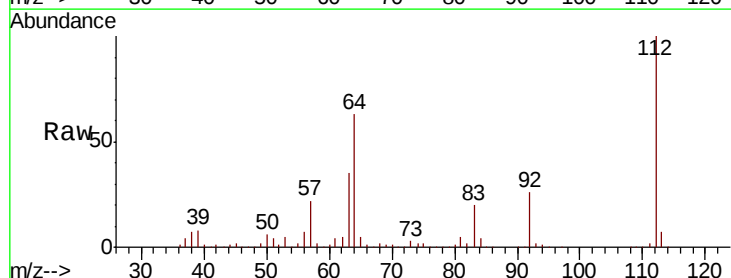
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



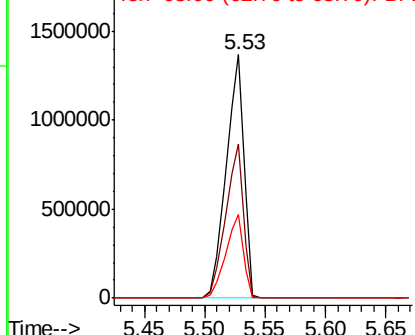
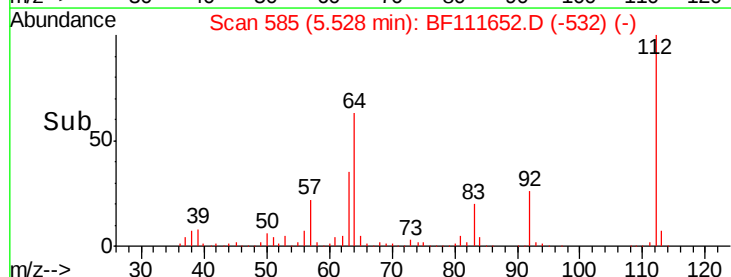
#5

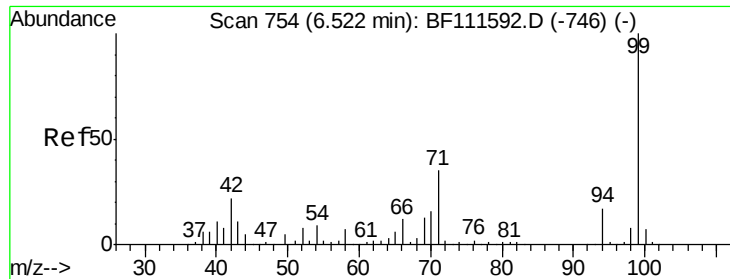
2-Fluorophenol
Concen: 113.698 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111652.D
Acq: 20 Dec 2018 21:27

Tgt Ion:112 Resp: 1393212
Ion Ratio Lower Upper
112 100
64 63.4 51.8 77.6
63 34.5 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: 114.698 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111652.D

Acq: 20 Dec 2018 21:27

Instrument :

BNA_F

ClientSampleId :

SB-08A

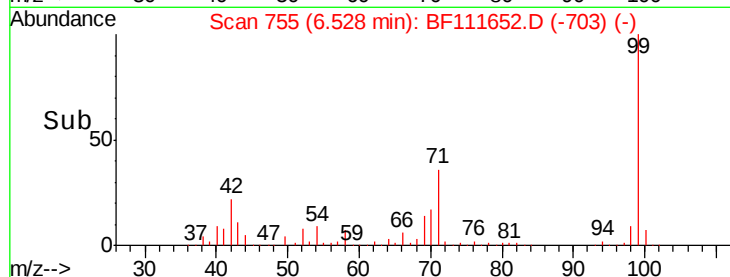
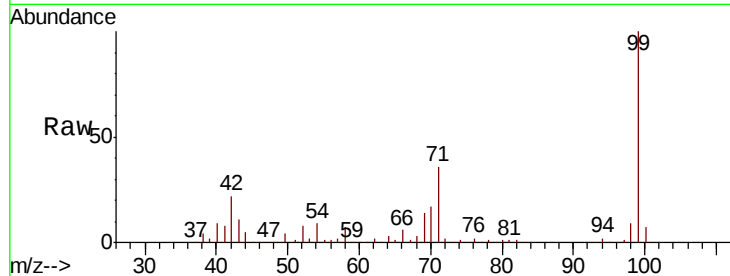
Tgt Ion: 99 Resp: 1788661

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

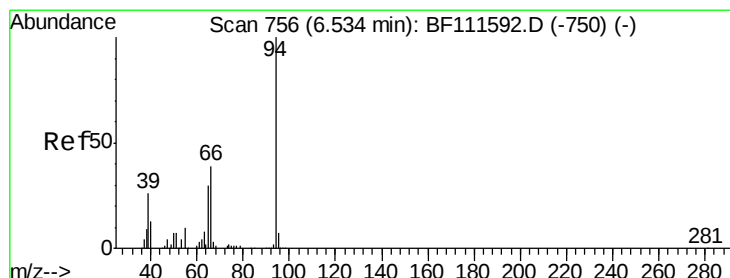
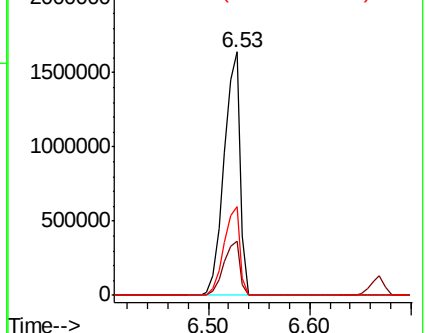
71 36.2 26.1 39.1



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: 6.988 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111652.D

Acq: 20 Dec 2018 21:27

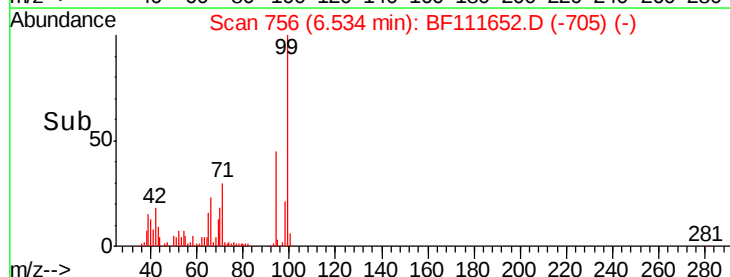
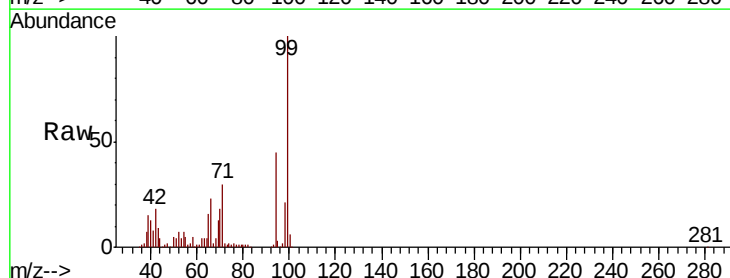
Tgt Ion: 94 Resp: 122950

Ion Ratio Lower Upper

94 100

65 35.5 11.7 51.7

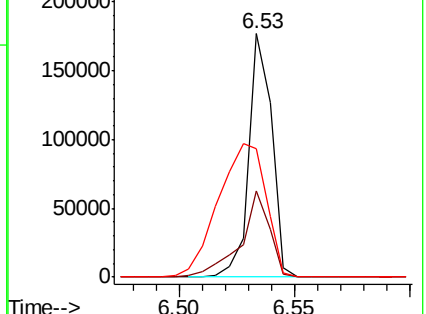
66 52.7 21.0 61.0



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

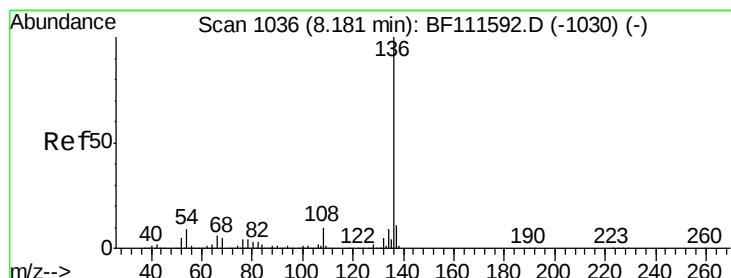
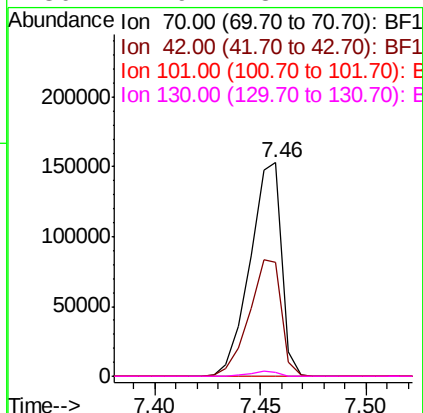
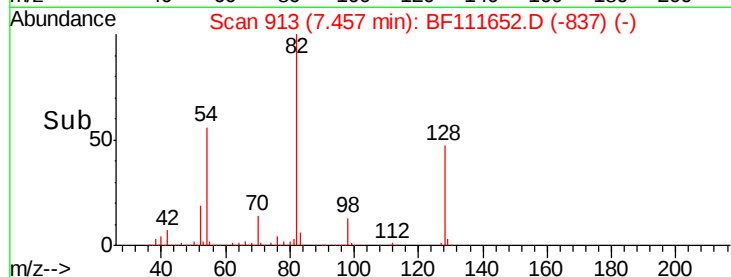
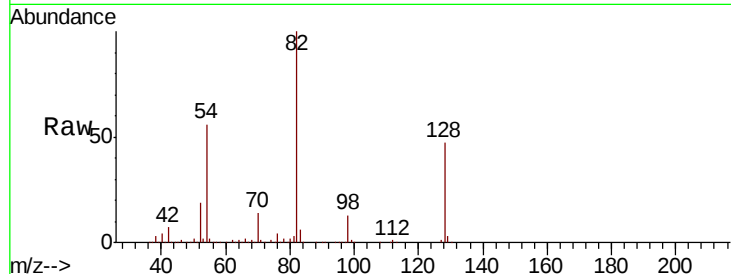




#19
n-Nitroso-di-n-propylamine
Concen: 15.344 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111652.D
Acq: 20 Dec 2018 21:27

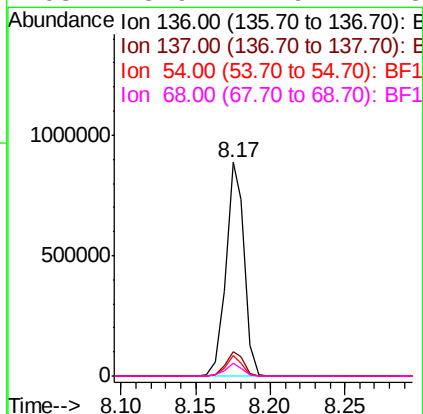
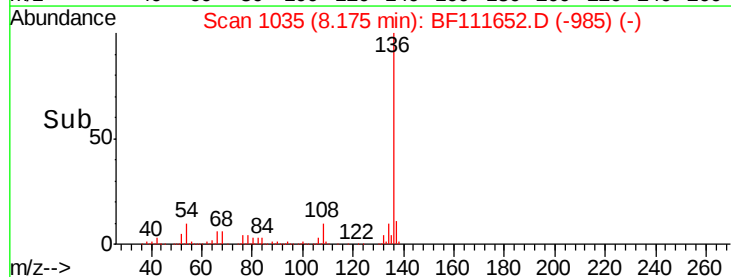
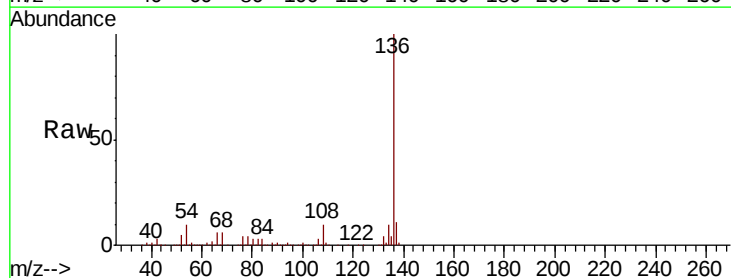
Instrument :
BNA_F
ClientSampled :
SB-08A

Tgt Ion: 70 Resp: 158916
Ion Ratio Lower Upper
70 100
42 53.1 53.2 79.8#
101 0.0 8.2 12.4#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111652.D
Acq: 20 Dec 2018 21:27

Tgt Ion: 136 Resp: 765493
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.8 7.7 11.5
68 5.9 4.9 7.3

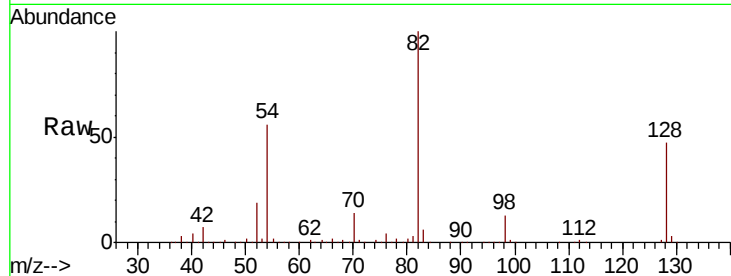




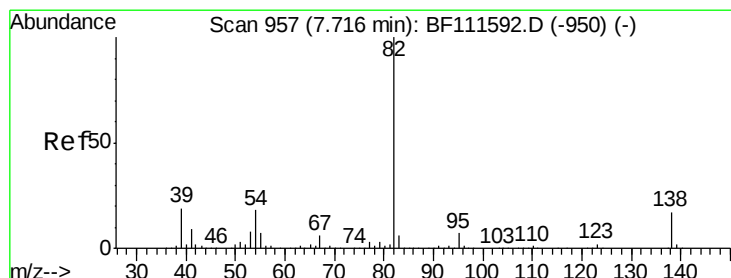
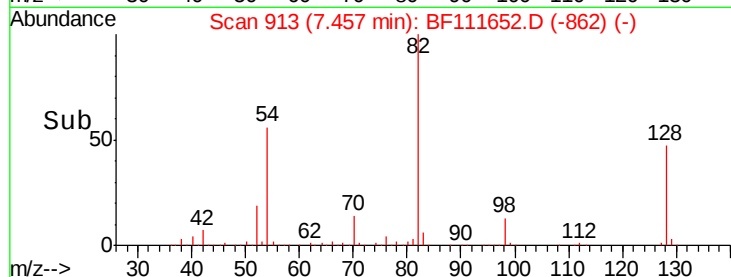
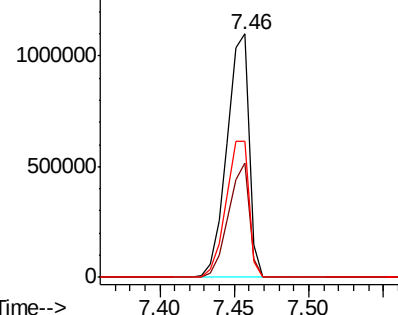
#23
 Nitrobenzene-d5
 Concen: 86.291 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Instrument :
 BNA_F
 ClientSampled :
 SB-08A

Tgt Ion: 82 Resp: 1134822
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.4 56.2
 54 56.1 47.6 71.4

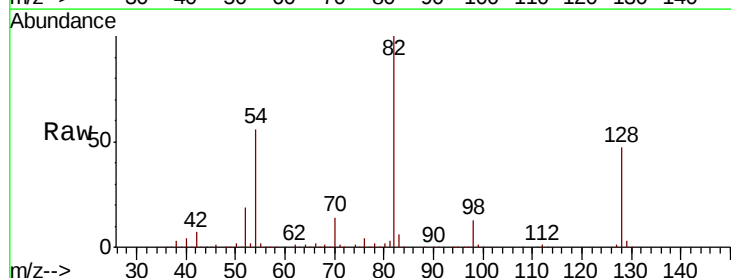


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

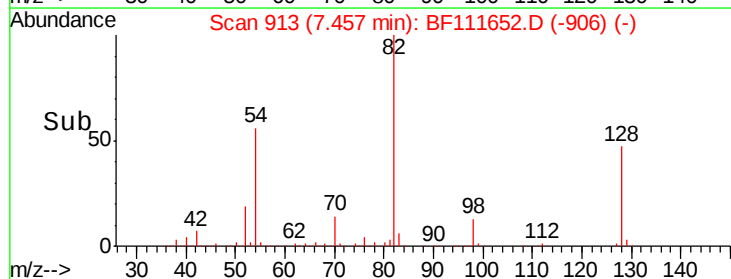
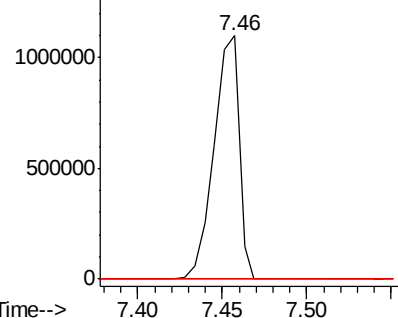


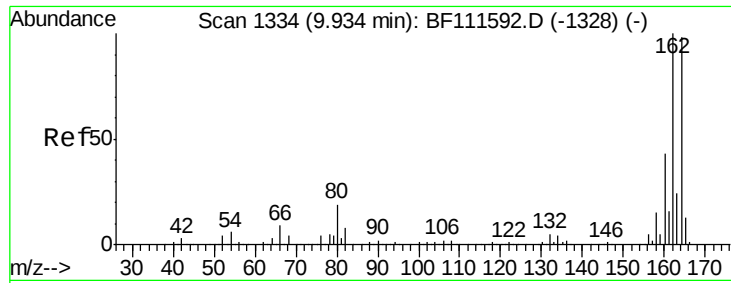
#25
 Isophorone
 Concen: 48.524 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Tgt Ion: 82 Resp: 1132877
 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
 1500000 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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111652.D

Acq: 20 Dec 2018 21:27

Instrument :

BNA_F

ClientSampleId :

SB-08A

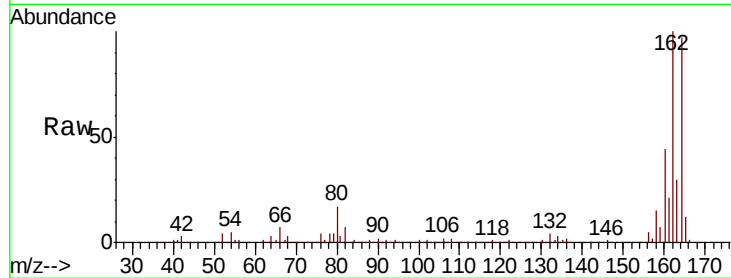
Tgt Ion:164 Resp: 364384

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.0

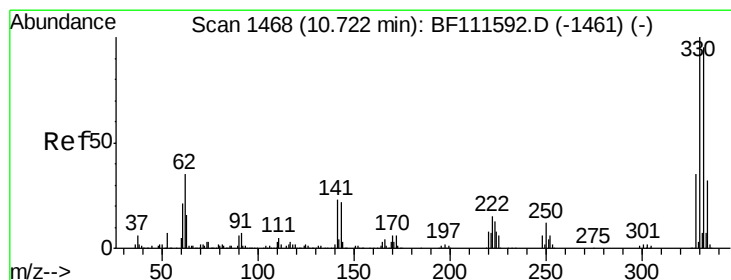
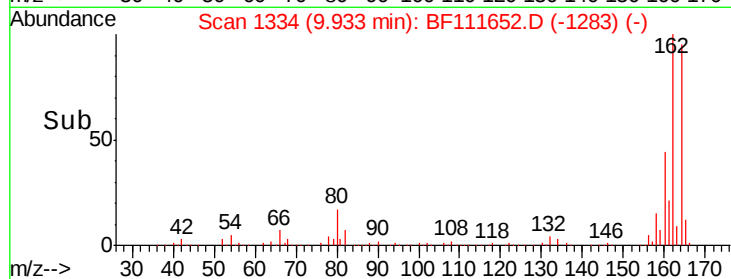
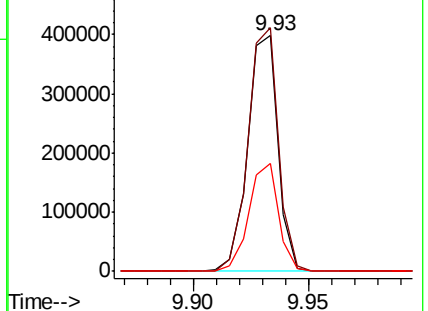
160 45.6 35.7 53.5



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: 96.928 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111652.D

Acq: 20 Dec 2018 21:27

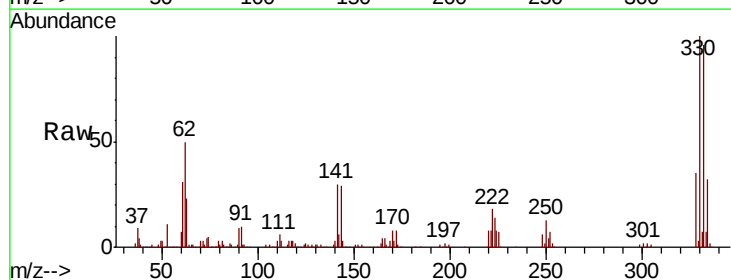
Tgt Ion:330 Resp: 417321

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

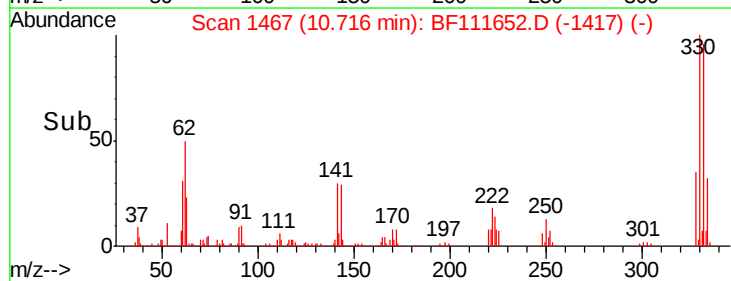
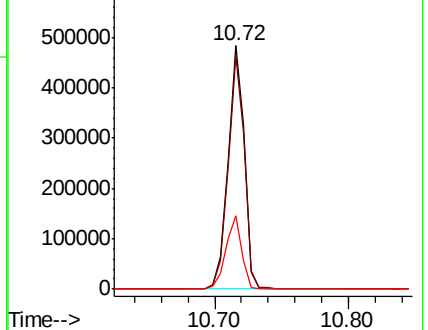
141 29.4 31.0 46.6#

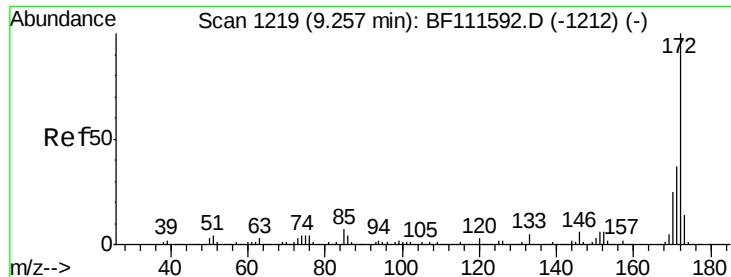


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

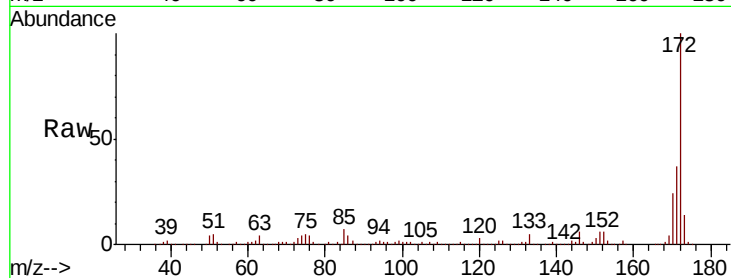




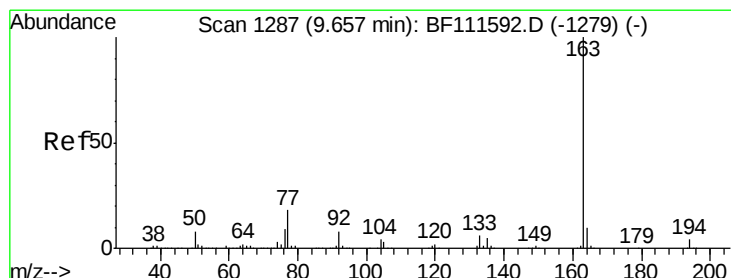
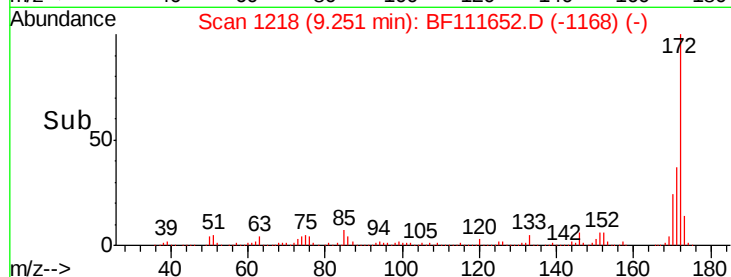
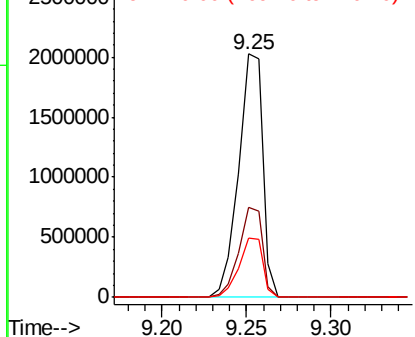
#45
 2-Fluorobiphenyl
 Concen: 80.809 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Instrument :
 BNA_F
 ClientSampled :
 SB-08A

Tgt Ion:172 Resp: 2020182
 Ion Ratio Lower Upper
 172 100
 171 36.9 33.0 49.4
 170 24.4 22.3 33.5

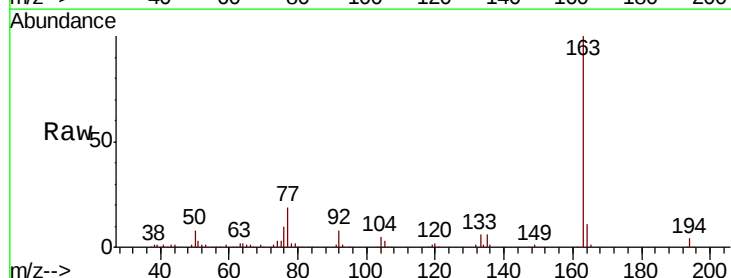


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

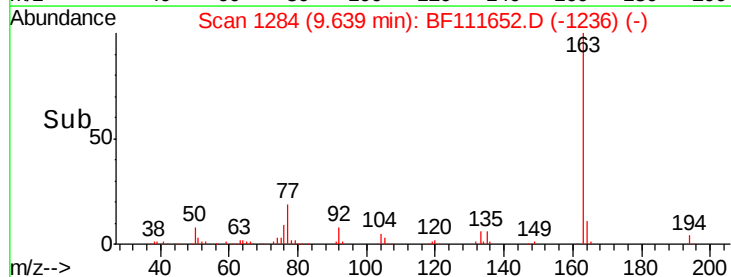
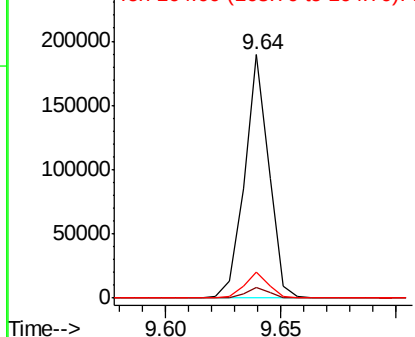


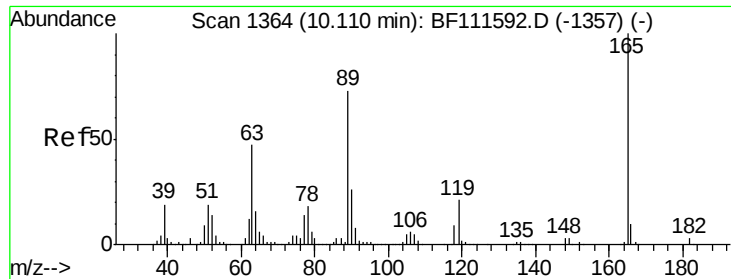
#50
 Dimethylphthalate
 Concen: 5.192 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Tgt Ion:163 Resp: 138349
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.0 4.6
 164 10.6 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

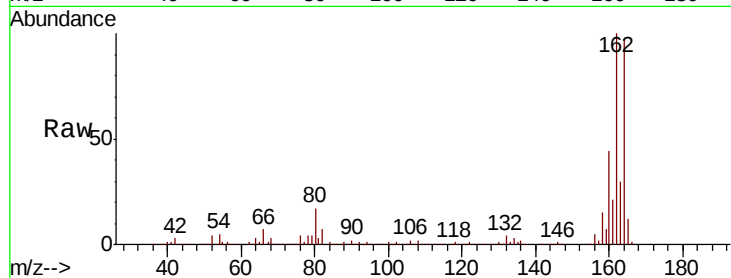




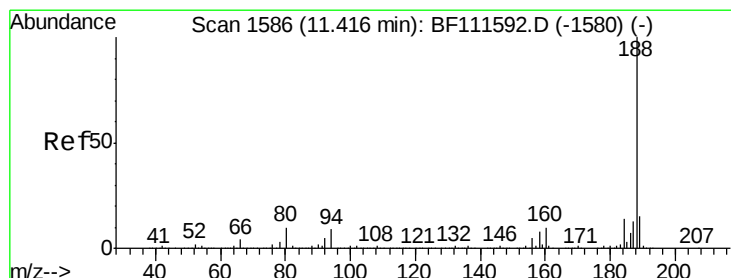
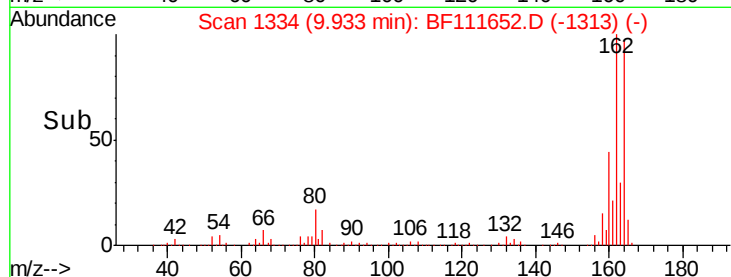
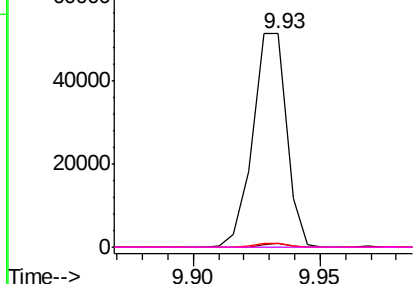
#57
 2,4-Dinitrotoluene
 Concen: 7.527 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-08A

Tgt Ion:	165	Resp:	48067
Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.9	56.2	84.4#
182	0.0	1.8	2.6#

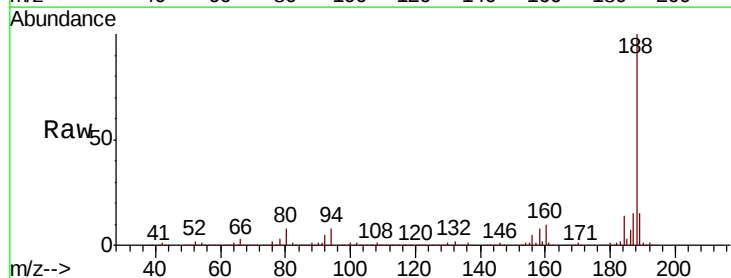


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

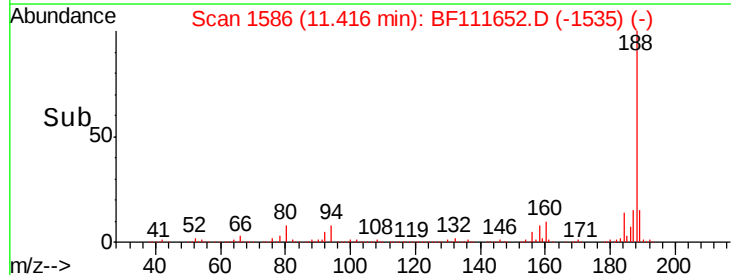
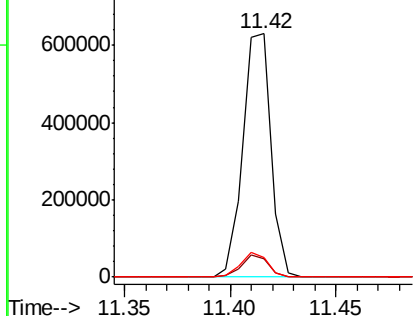


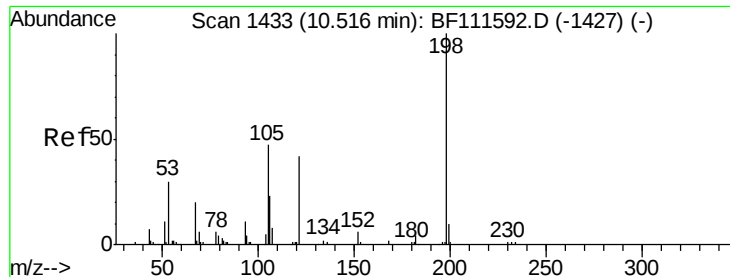
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Tgt Ion:	188	Resp:	581619
Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.6	14.4#
80	8.2	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

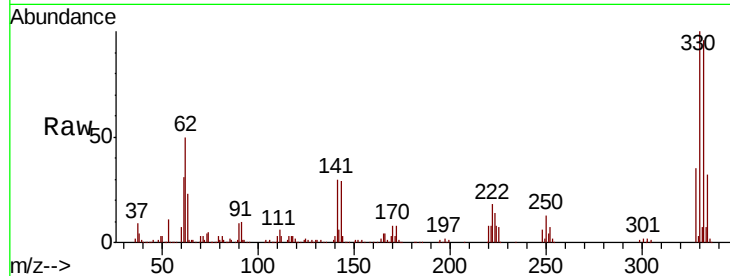




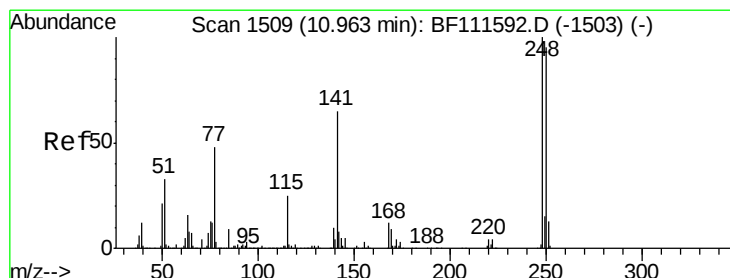
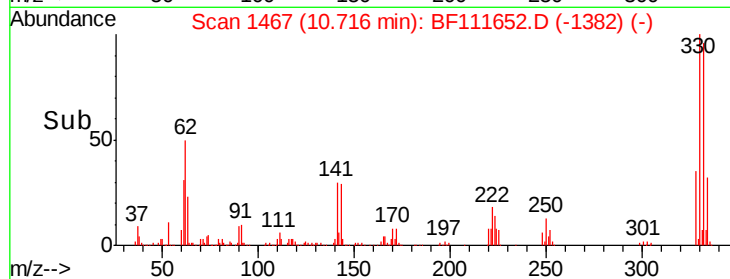
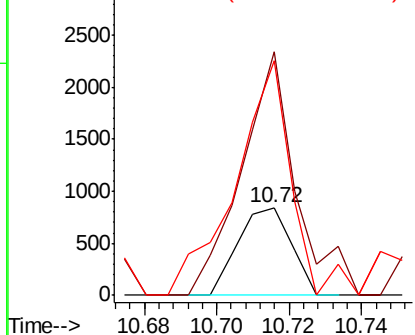
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.003 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-08A

Tgt Ion:198 Resp: 865
 Ion Ratio Lower Upper
 198 100
 51 276.6 48.0 88.0#
 105 266.3 34.0 74.0#

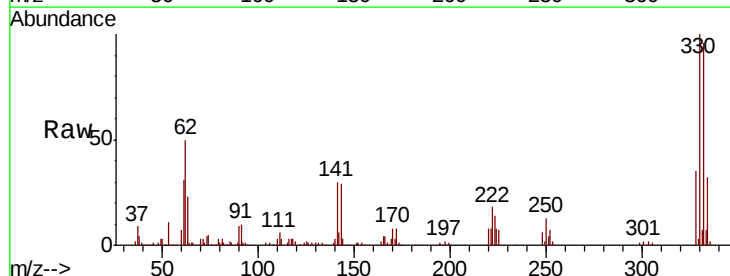


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

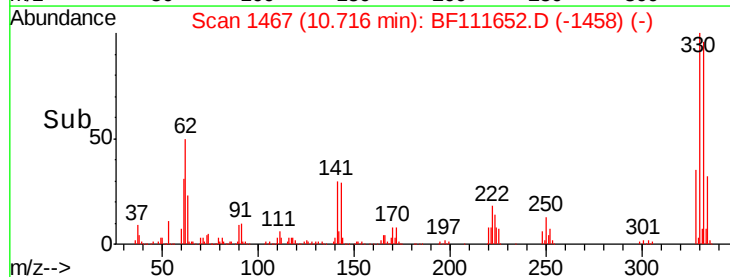
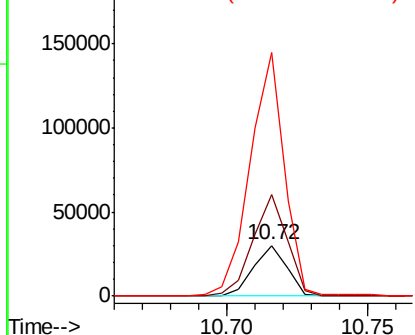


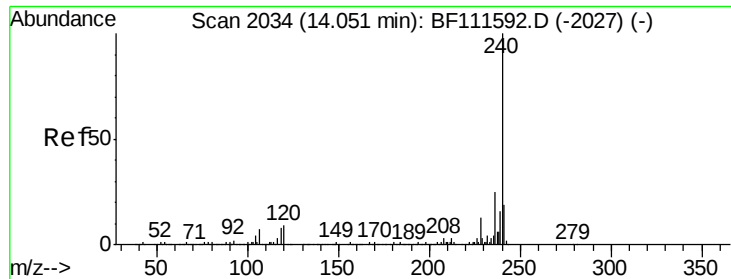
#67
 4-Bromophenyl-phenylether
 Concen: 3.494 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111652.D
 Acq: 20 Dec 2018 21:27

Tgt Ion:248 Resp: 25202
 Ion Ratio Lower Upper
 248 100
 250 200.4 77.0 115.4#
 141 478.2 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

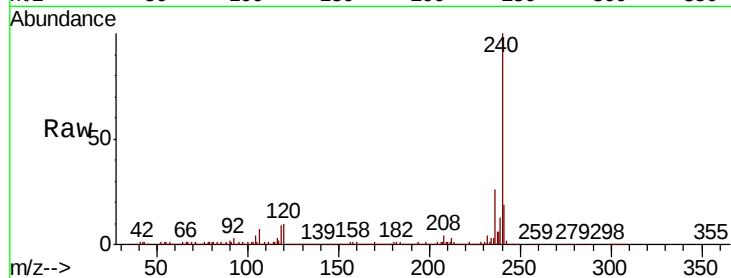




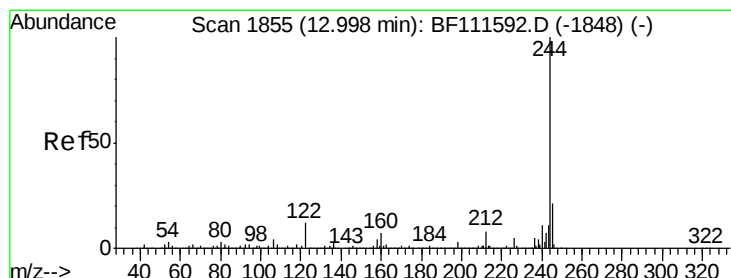
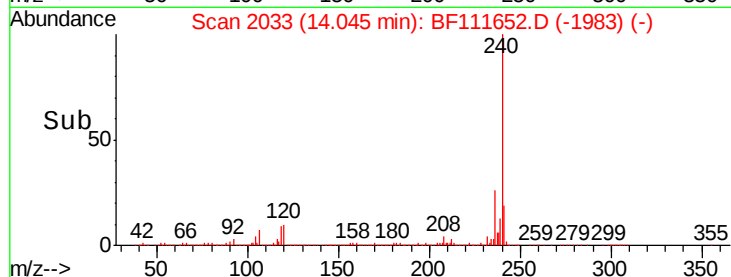
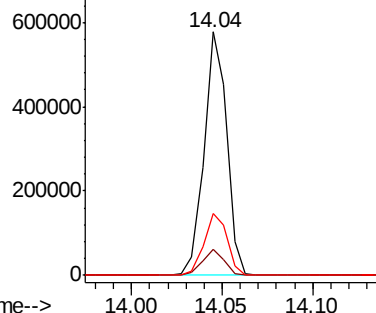
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111652.D
Acq: 20 Dec 2018 21:27

Instrument :
BNA_F
ClientSampleId :
SB-08A

Tgt Ion:240 Resp: 502708
Ion Ratio Lower Upper
240 100
120 10.5 12.2 18.2#
236 25.5 20.2 30.2

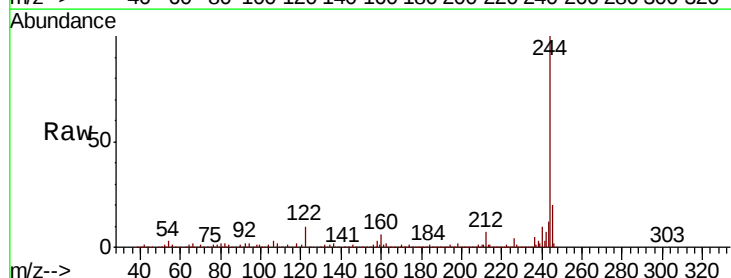


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

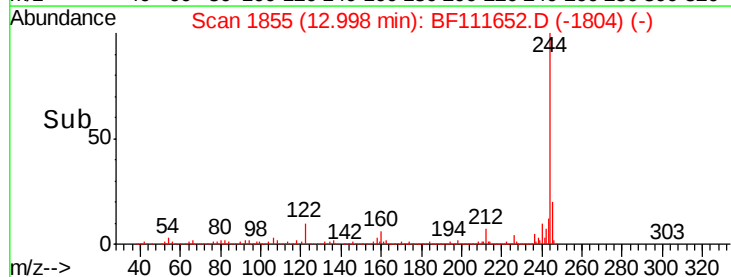
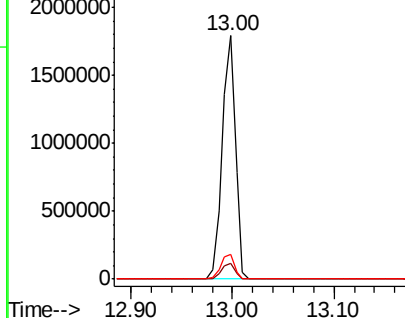


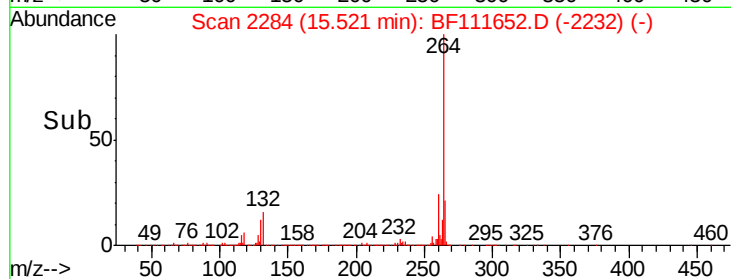
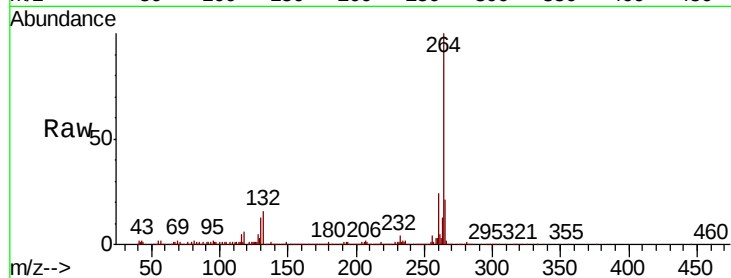
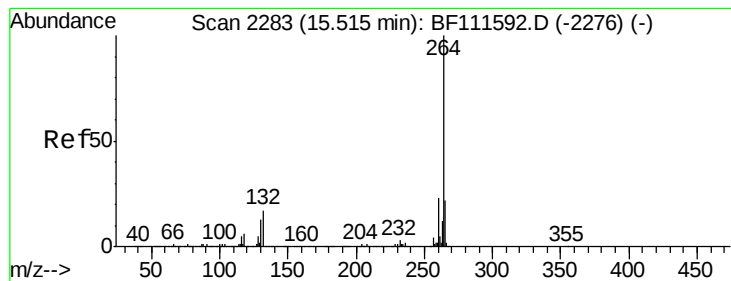
#79
Terphenyl-d14
Concen: 60.873 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF111652.D
Acq: 20 Dec 2018 21:27

Tgt Ion:244 Resp: 1613632
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.3 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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111652.D

Acq: 20 Dec 2018 21:27

Instrument :

BNA_F

ClientSampleId :

SB-08A

Tgt Ion: 264 Resp: 439807

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.0 17.7 26.5

