

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111755.D
 Acq On : 27 Dec 2018 11:58
 Operator : JU/SJ
 Sample : J6446-05RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-1218-01

Quant Time: Dec 28 00:11:56 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	153049	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	578941	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	291008	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	511085	20.00	ng	0.00
76) Chrysene-d12	14.06	240	359944	20.00	ng	0.01
87) Perylene-d12	15.55	264	356789	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1181687	131.61	ng	0.03
7) Phenol-d6	6.55	99	1557555	136.30	ng	0.02
23) Nitrobenzene-d5	7.46	82	1001191	100.66	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	483643	140.66	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1821867	91.25	ng	0.00
79) Terphenyl-d14	13.01	244	1556828	82.02	ng	0.01

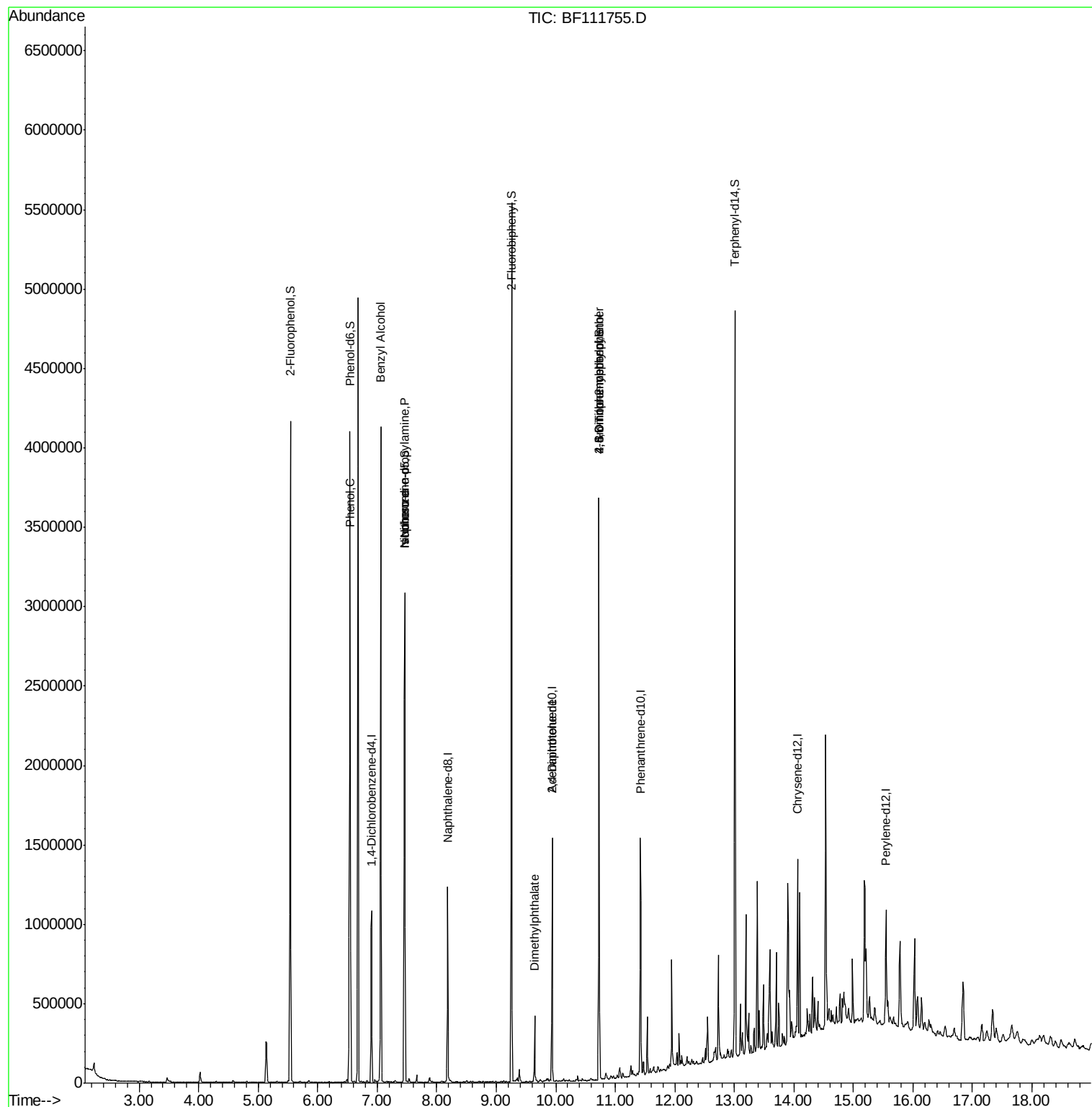
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	130923	10.154	ng	98
15) Benzyl Alcohol	7.06	79	19984	2.202	ng	# 41
19) n-Nitroso-di-n-propylamine	7.46	70	137853	18.165	ng	# 78
25) Isophorone	7.46	82	996699	56.447	ng	# 64
50) Dimethylphthalate	9.65	163	146591	6.888	ng	97
57) 2,4-Dinitrotoluene	9.94	165	37413	7.336	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	957	7.083	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	31004	4.891	ng	# 1

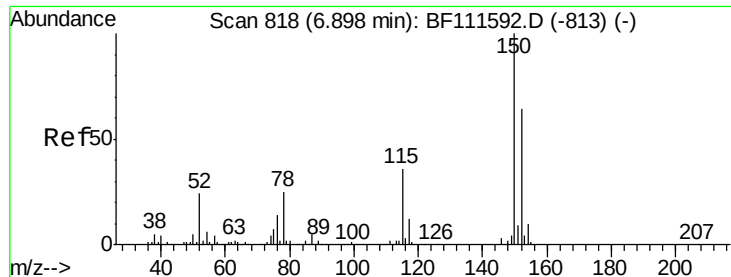
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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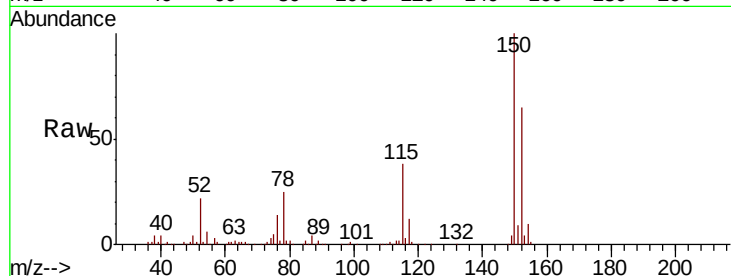


#1

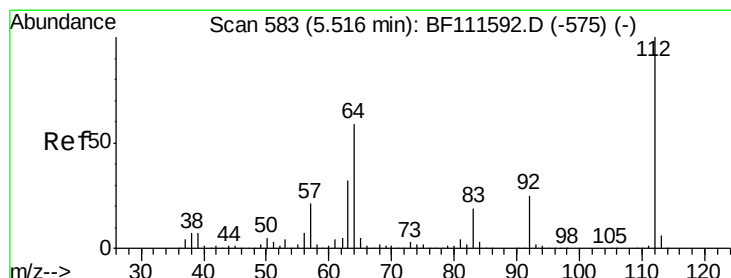
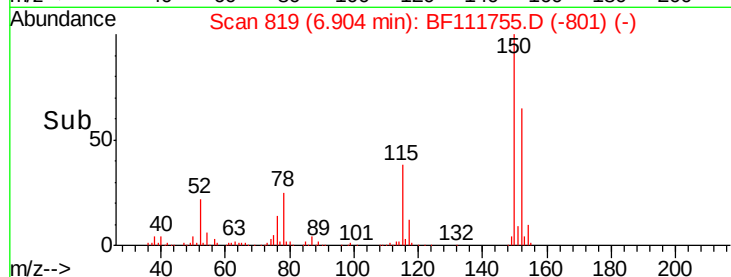
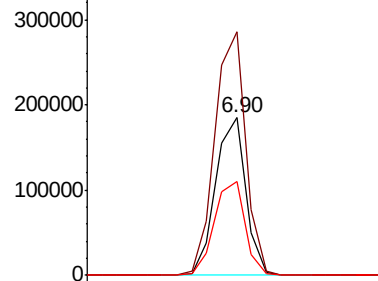
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111755.D
 Acq: 27 Dec 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-1218-01

Tgt Ion:152 Resp: 153049
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.6 189.8
 115 59.3 50.7 76.1



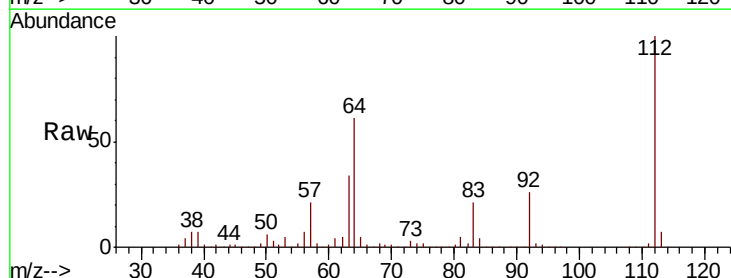
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



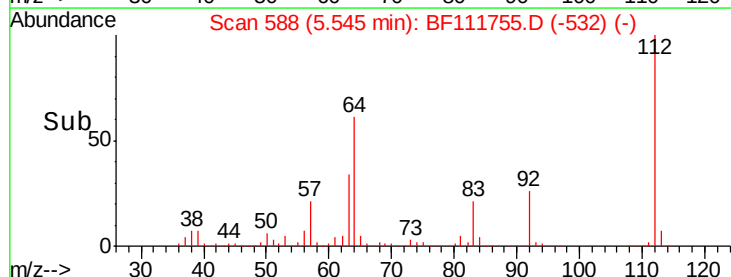
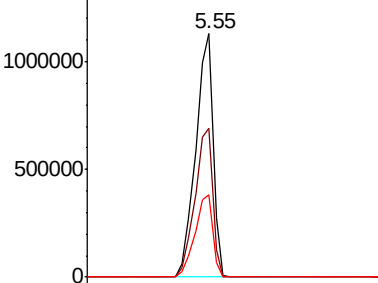
#5

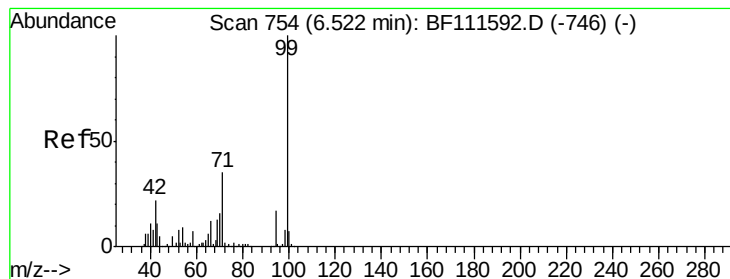
2-Fluorophenol
 Concen: 131.607 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.03 min
 Lab File: BF111755.D
 Acq: 27 Dec 2018 11:58

Tgt Ion:112 Resp: 1181687
 Ion Ratio Lower Upper
 112 100
 64 61.4 51.8 77.6
 63 34.0 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: 136.304 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Instrument :

BNA_F

ClientSampleId :

P001-SS026-1218-01

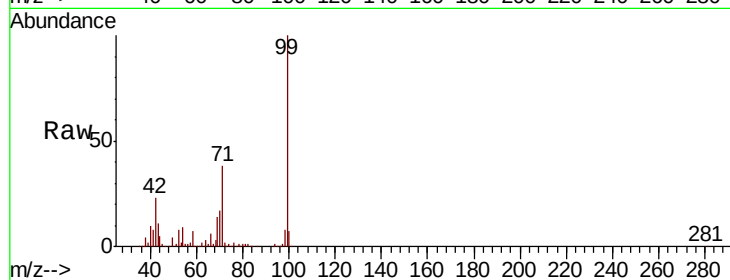
Tgt Ion: 99 Resp: 1557555

Ion Ratio Lower Upper

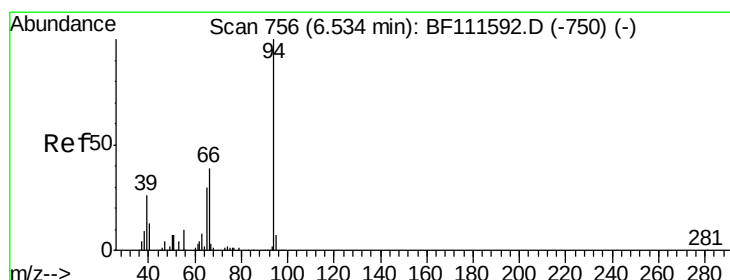
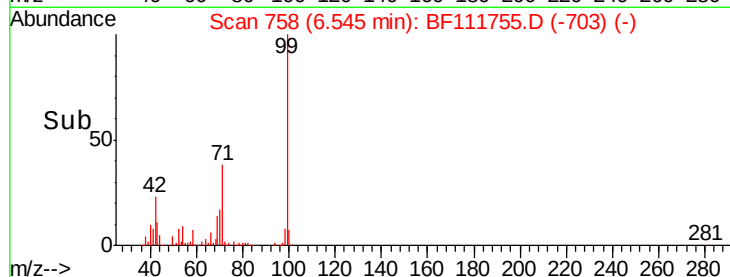
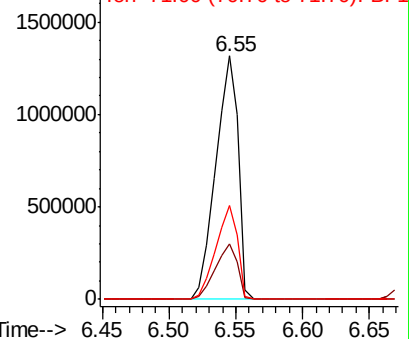
99 100

42 22.9 17.4 26.0

71 38.4 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: 10.154 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

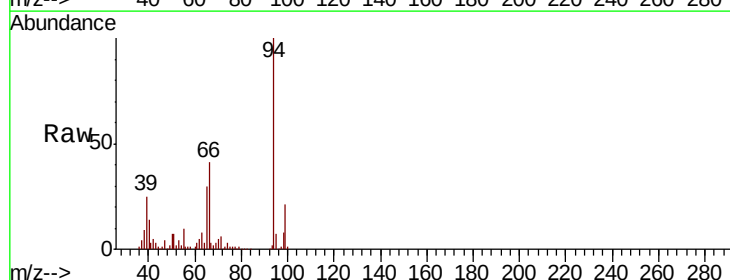
Tgt Ion: 94 Resp: 130923

Ion Ratio Lower Upper

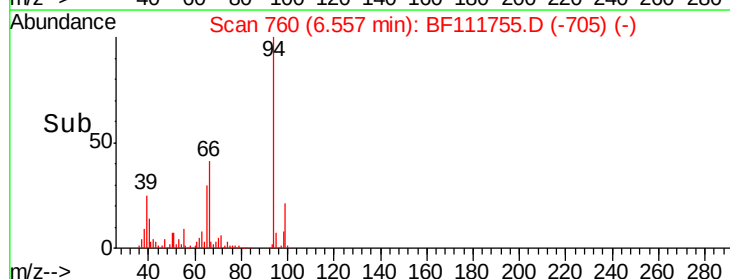
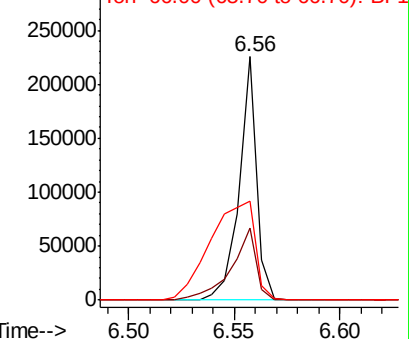
94 100

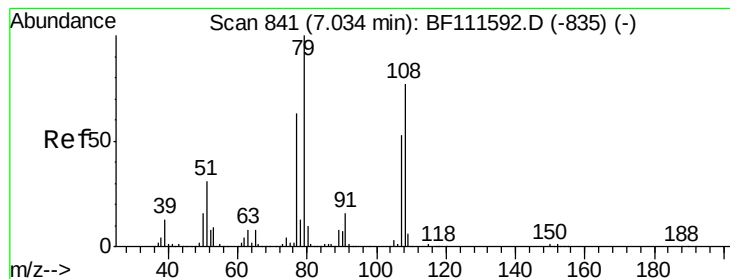
65 29.6 11.7 51.7

66 40.7 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





#15

Benzyl Alcohol

Concen: 2.202 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.03 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Instrument :

BNA_F

ClientSampleId :

P001-SS026-1218-01

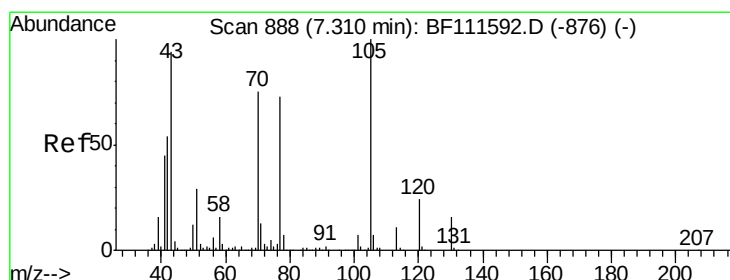
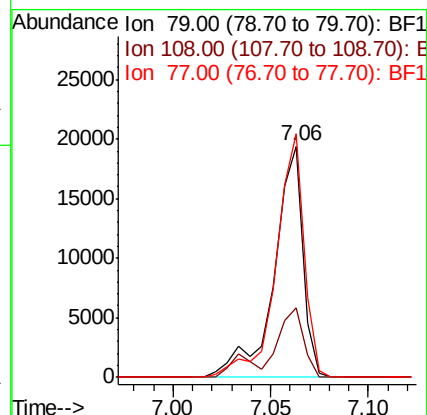
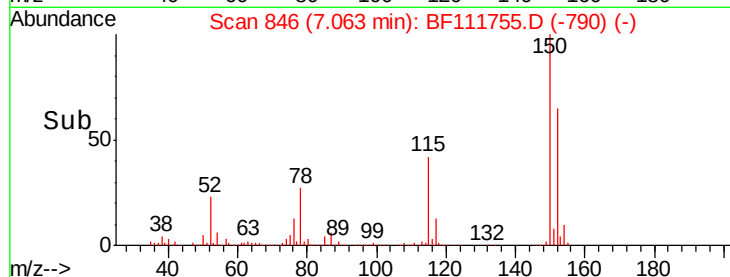
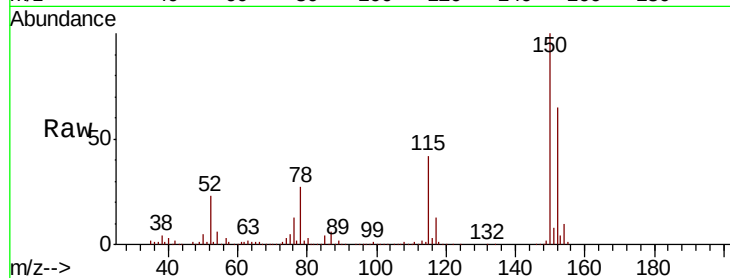
Tgt Ion: 79 Resp: 19984

Ion Ratio Lower Upper

79 100

108 30.0 69.4 104.2#

77 105.3 49.7 74.5#



#19

n-Nitroso-di-n-propylamine

Concen: 18.165 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Tgt Ion: 70 Resp: 137853

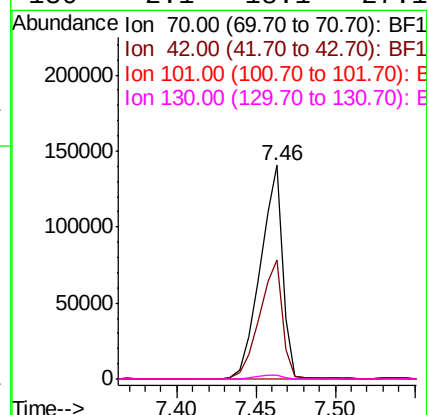
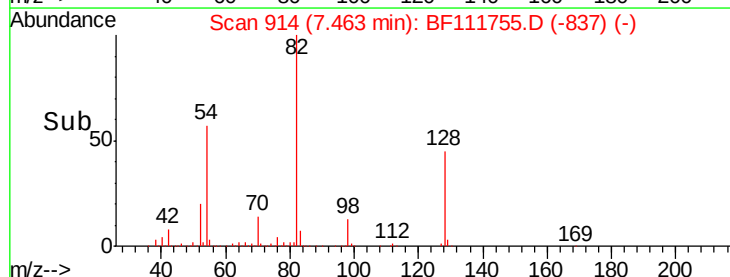
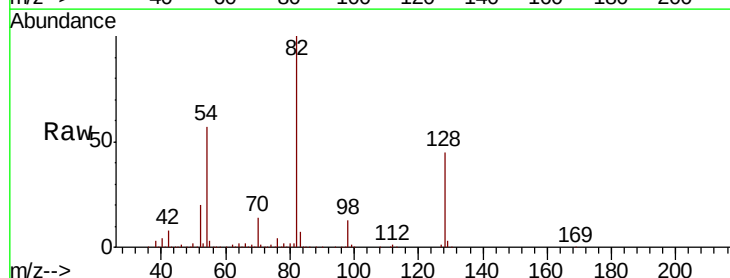
Ion Ratio Lower Upper

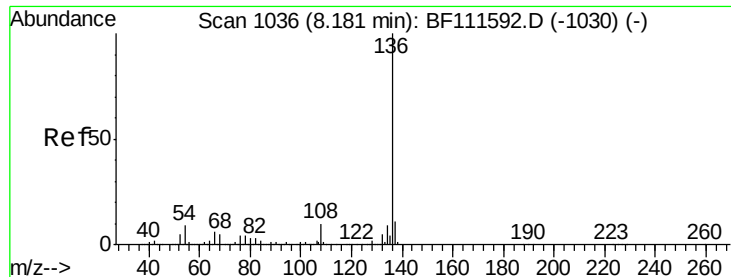
70 100

42 55.7 53.2 79.8

101 0.0 8.2 12.4#

130 2.1 18.1 27.1#

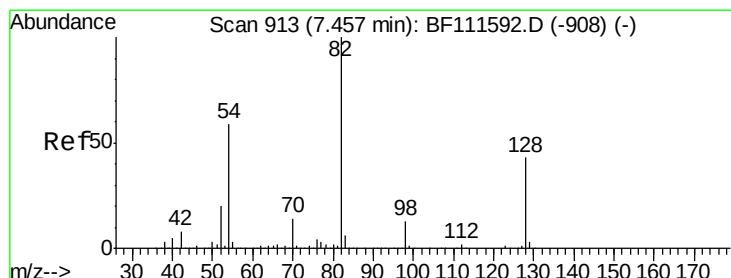
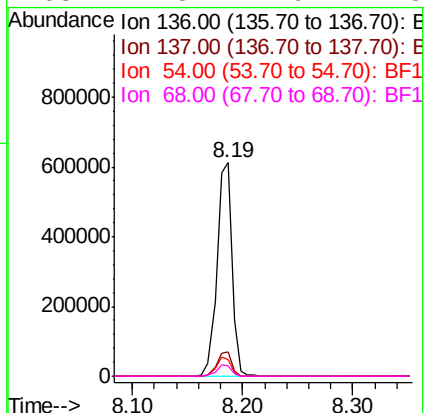
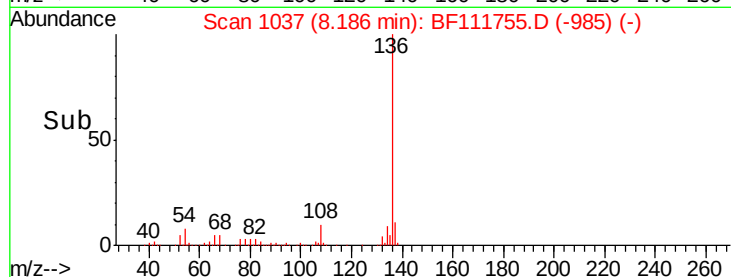
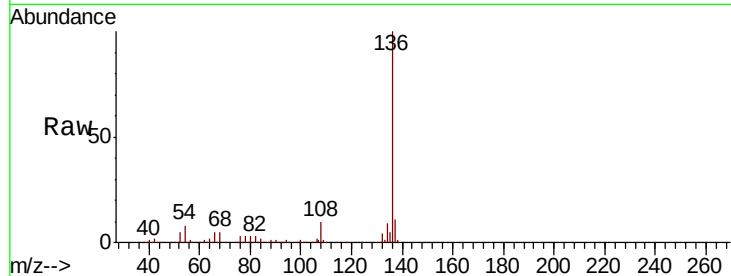




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111755.D
Acq: 27 Dec 2018 11:58

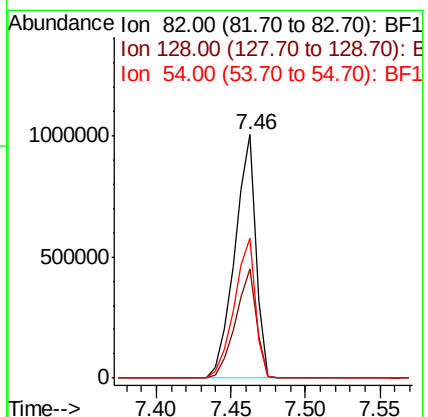
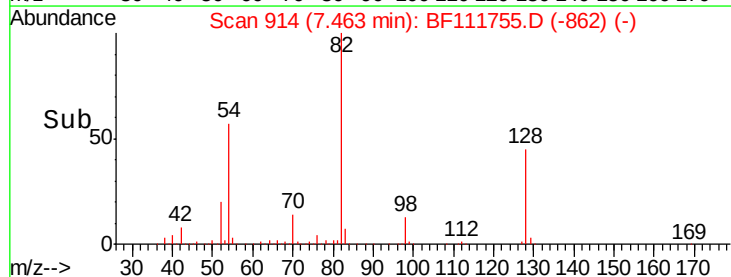
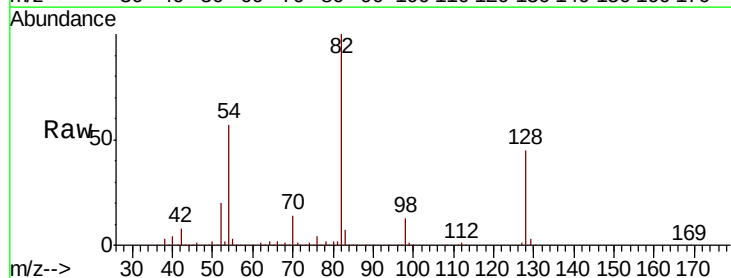
Instrument :
BNA_F
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P001-SS026-1218-01

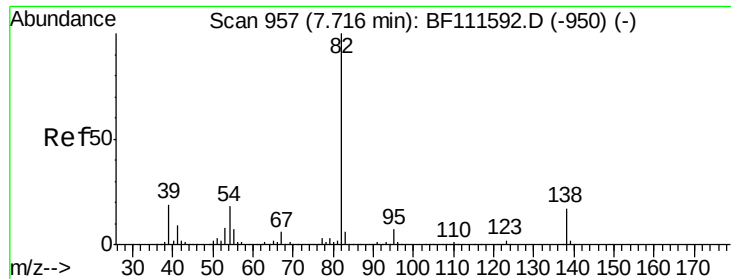
Tgt Ion:	136	Resp:	578941
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.6	7.7	11.5#
68	4.8	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 100.661 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111755.D
Acq: 27 Dec 2018 11:58

Tgt Ion:	82	Resp:	1001191
Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.4	56.2
54	57.3	47.6	71.4





#25

Isophorone

Concen: 56.447 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Instrument :

BNA_F

ClientSampleId :

P001-SS026-1218-01

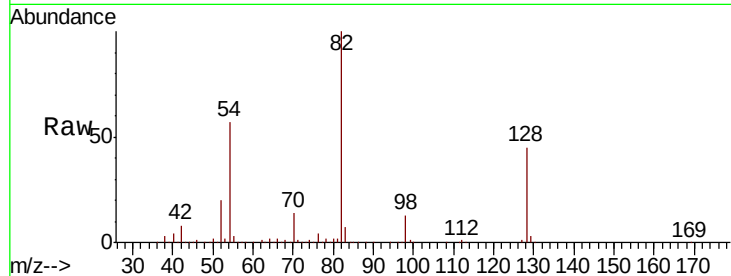
Tgt Ion: 82 Resp: 996699

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

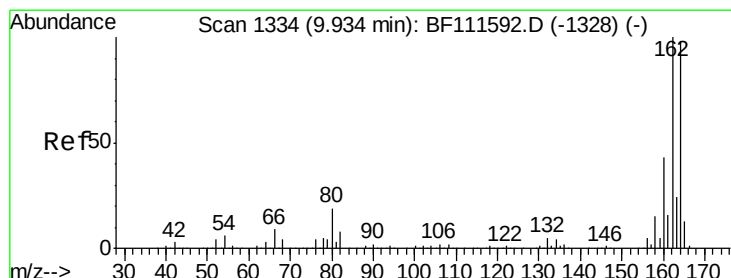
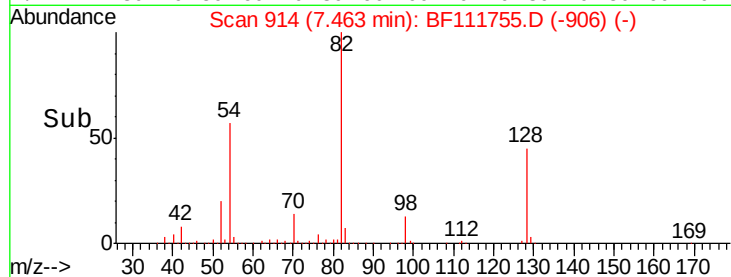
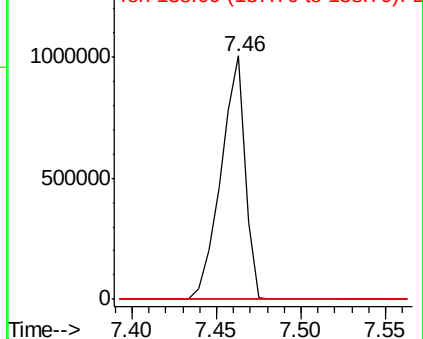
138 0.0 15.1 22.7#



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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

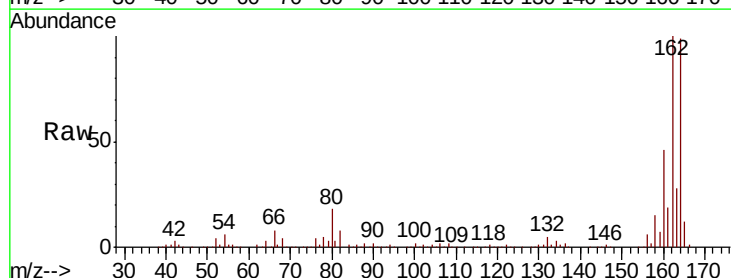
Tgt Ion: 164 Resp: 291008

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

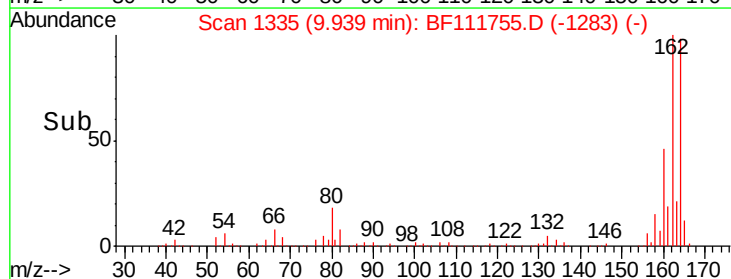
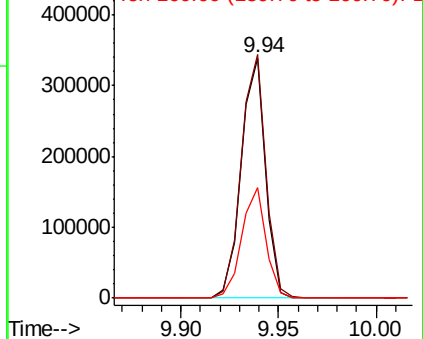
160 46.2 35.7 53.5

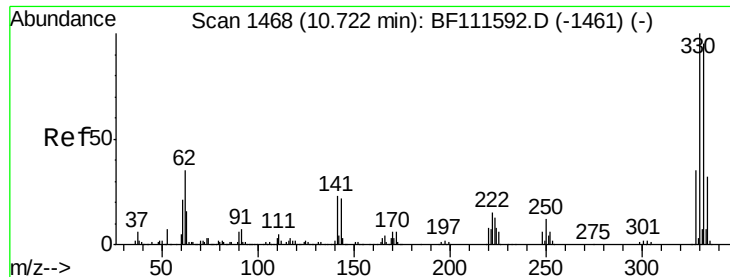


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

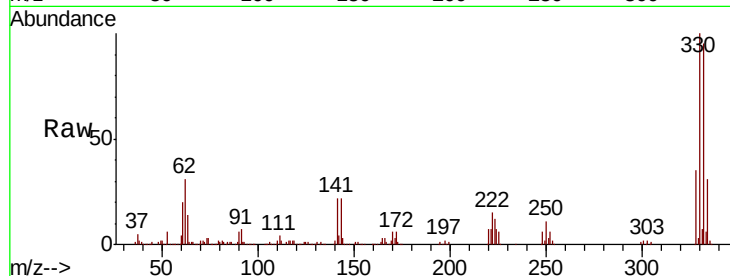




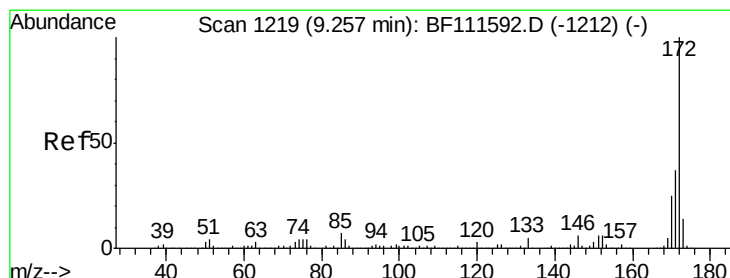
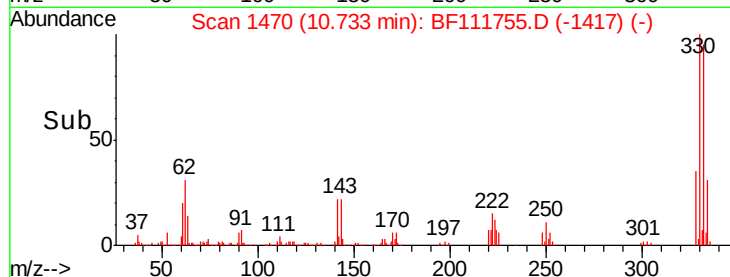
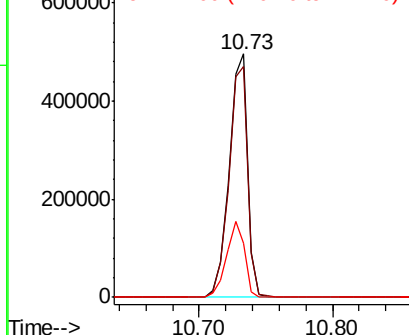
#42
 2,4,6-Tribromophenol
 Concen: 140.656 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111755.D
 Acq: 27 Dec 2018 11:58

Instrument :
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 ClientSampleId :
 P001-SS026-1218-01

Tgt Ion:330 Resp: 483643
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 30.9 31.0 46.6#

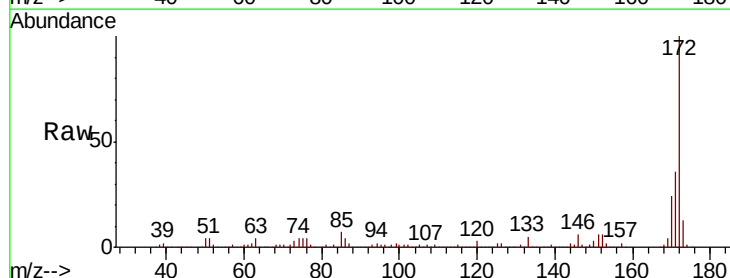


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

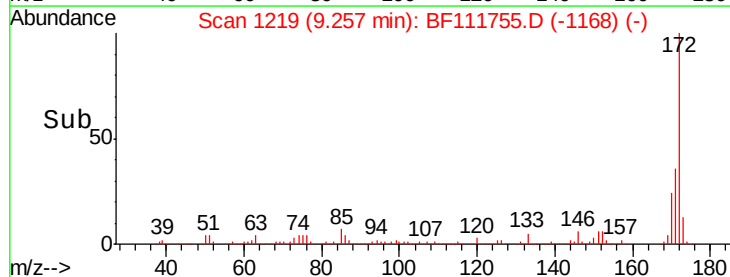
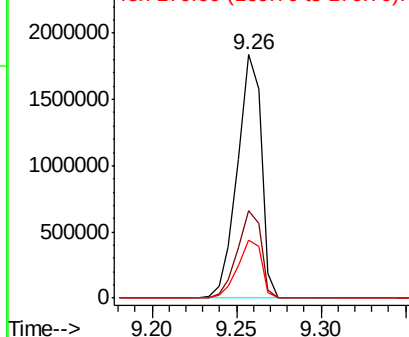


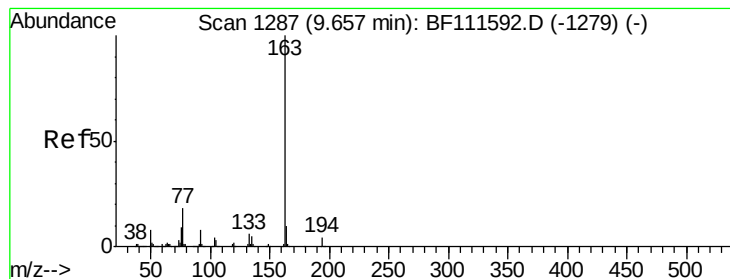
#45
 2-Fluorobiphenyl
 Concen: 91.252 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111755.D
 Acq: 27 Dec 2018 11:58

Tgt Ion:172 Resp: 1821867
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 6.888 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Instrument :

BNA_F

ClientSampleId :

P001-SS026-1218-01

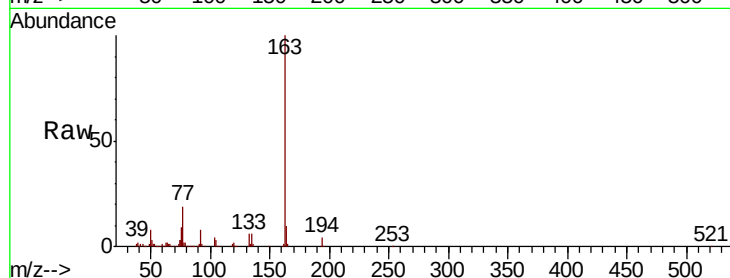
Tgt Ion:163 Resp: 146591

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

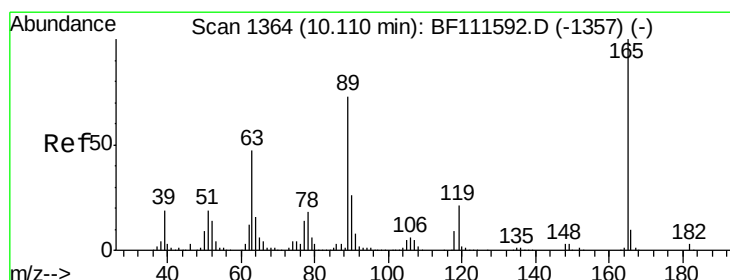
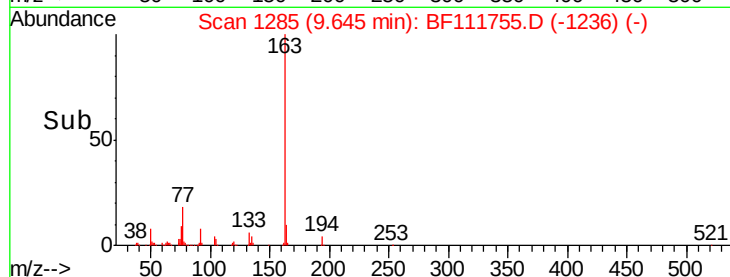
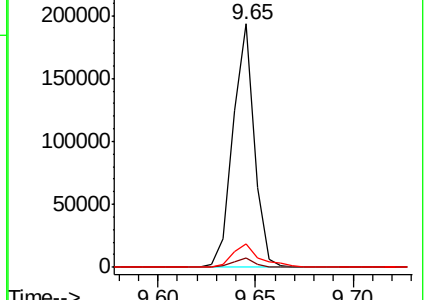
164 9.8 8.9 13.3



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: 7.336 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.17 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Tgt Ion:165 Resp: 37413

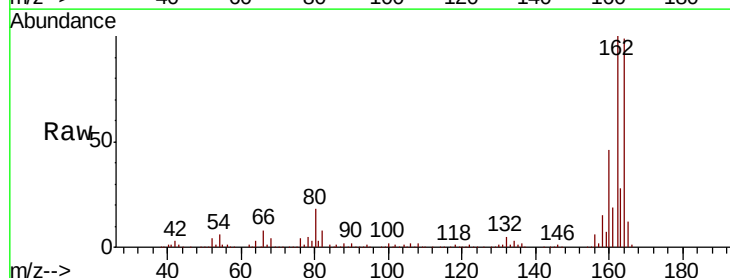
Ion Ratio Lower Upper

165 100

63 1.6 34.6 52.0#

89 1.8 56.2 84.4#

182 0.0 1.8 2.6#

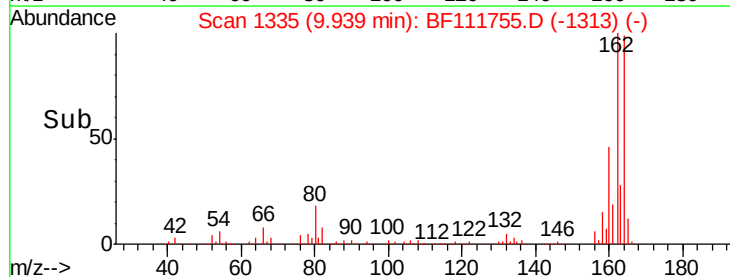
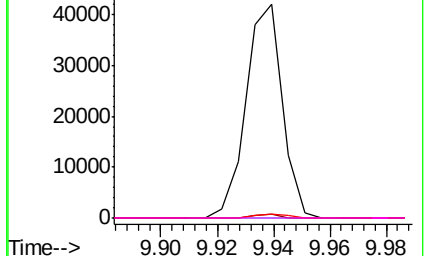


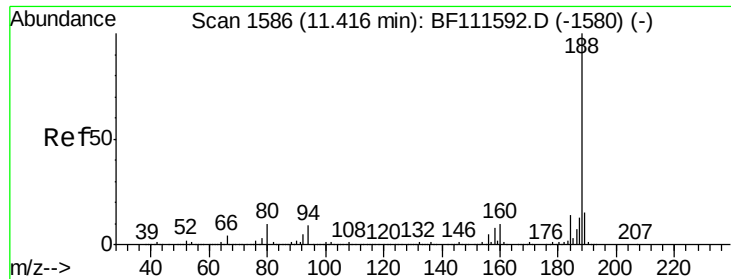
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1587

Delta R.T. 0.01 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Instrument :

BNA_F

ClientSampleId :

P001-SS026-1218-01

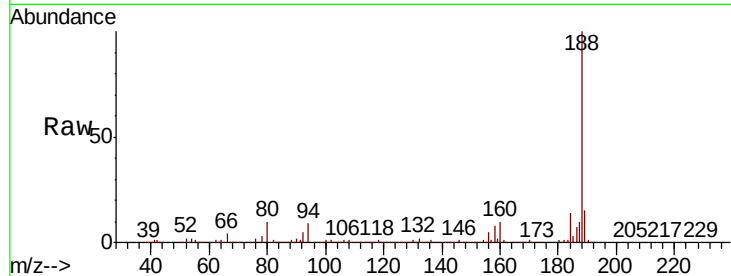
Tgt Ion:188 Resp: 511085

Ion Ratio Lower Upper

188 100

94 8.9 9.6 14.4#

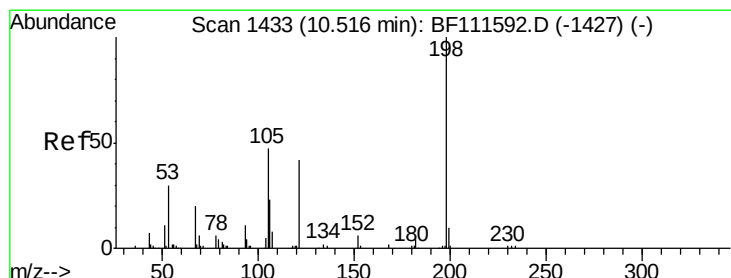
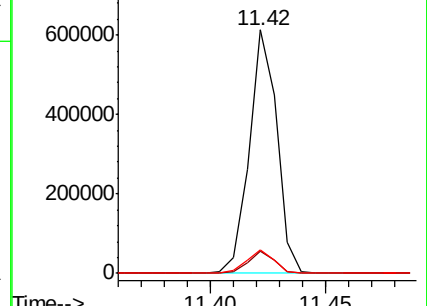
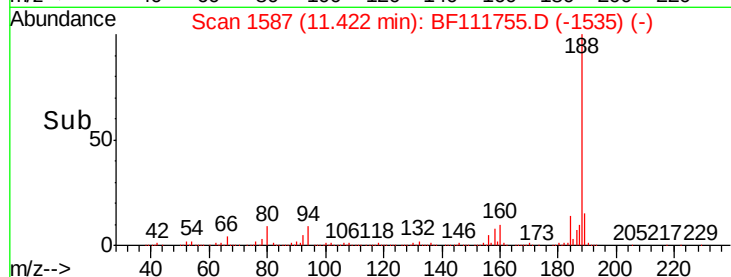
80 9.6 9.8 14.6#



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: 7.083 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.22 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

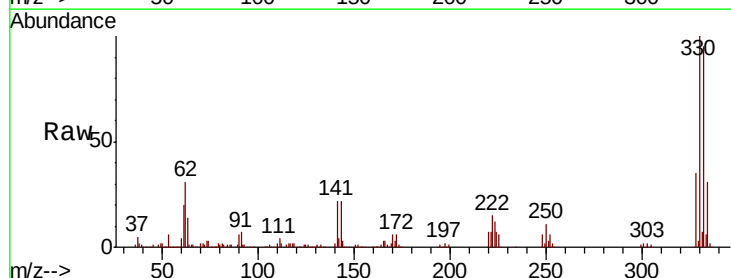
Tgt Ion:198 Resp: 957

Ion Ratio Lower Upper

198 100

51 138.7 48.0 88.0#

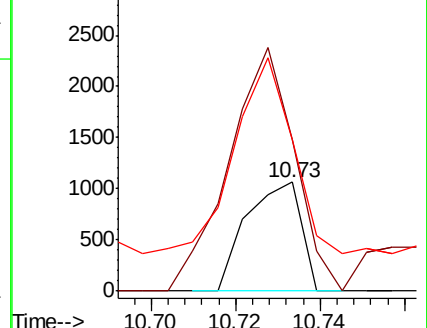
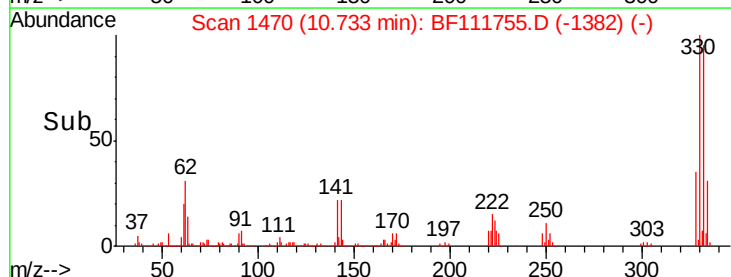
105 138.6 34.0 74.0#

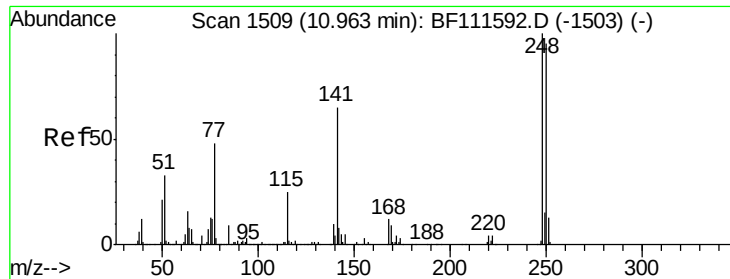


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

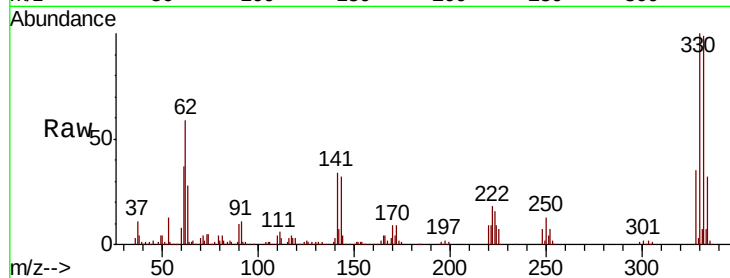




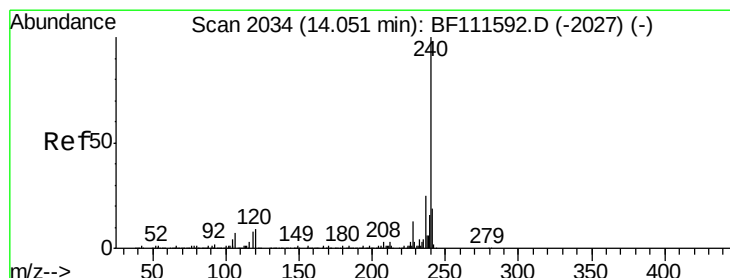
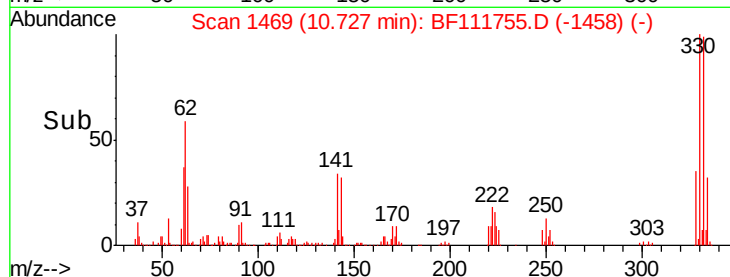
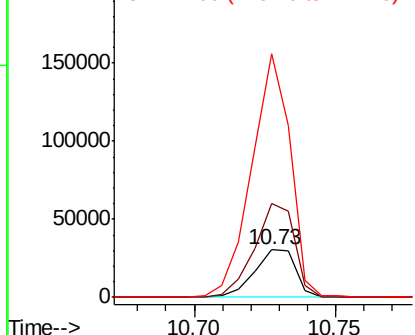
#67
4-Bromophenyl-phenylether
Concen: 4.891 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111755.D
Acq: 27 Dec 2018 11:58

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:248 Resp: 31004
Ion Ratio Lower Upper
248 100
250 199.0 77.0 115.4#
141 513.7 63.0 94.6#

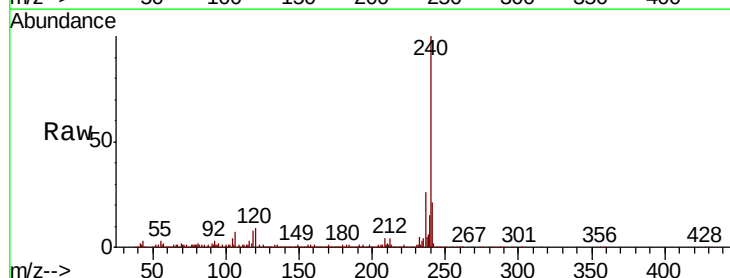


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

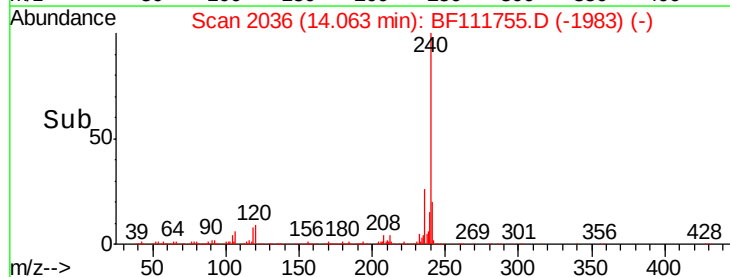
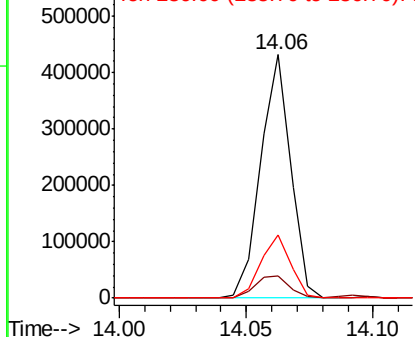


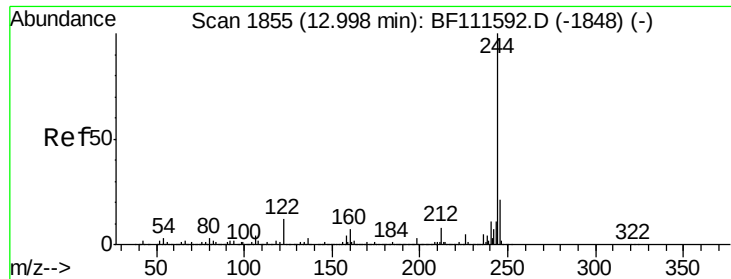
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111755.D
Acq: 27 Dec 2018 11:58

Tgt Ion:240 Resp: 359944
Ion Ratio Lower Upper
240 100
120 9.3 12.2 18.2#
236 26.2 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: 82.024 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

Instrument :

BNA_F

ClientSampleId :

P001-SS026-1218-01

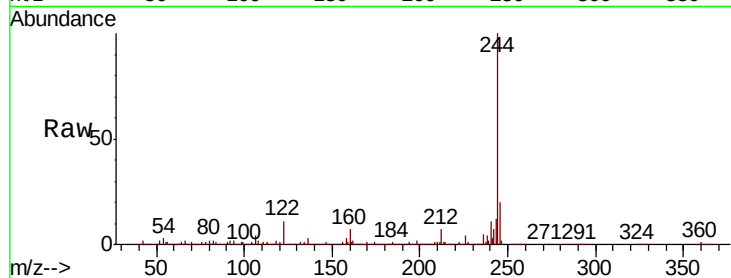
Tgt Ion:244 Resp: 1556828

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

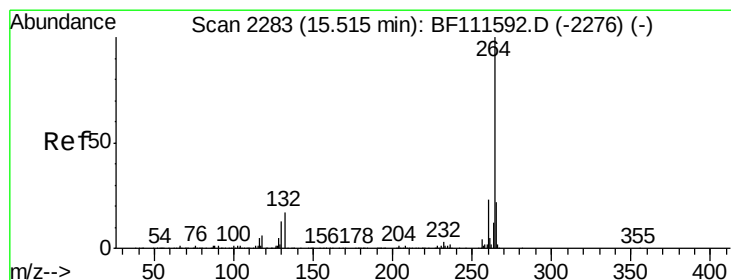
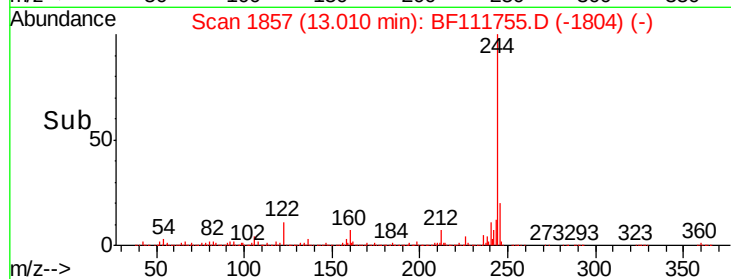
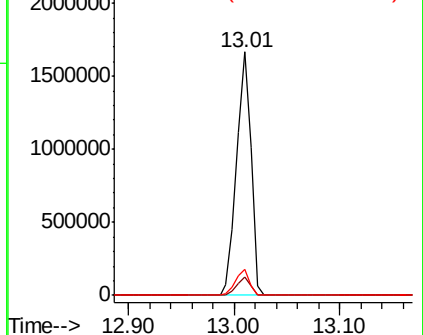
122 10.8 13.1 19.7#



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: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111755.D

Acq: 27 Dec 2018 11:58

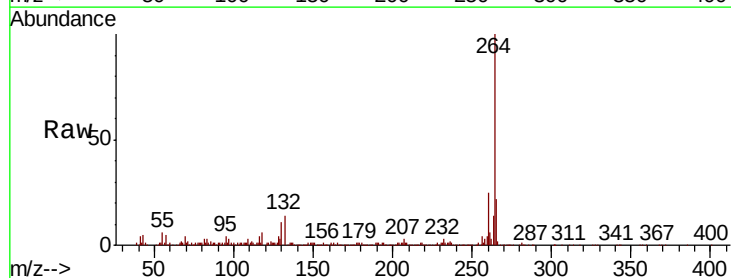
Tgt Ion:264 Resp: 356789

Ion Ratio Lower Upper

264 100

260 24.9 18.3 27.5

265 22.5 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

