

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090956.D
 Acq On : 1 Nov 2016 17:43
 Operator : UM/SJ
 Sample : H5478-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD-3

Quant Time: Nov 01 23:54:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

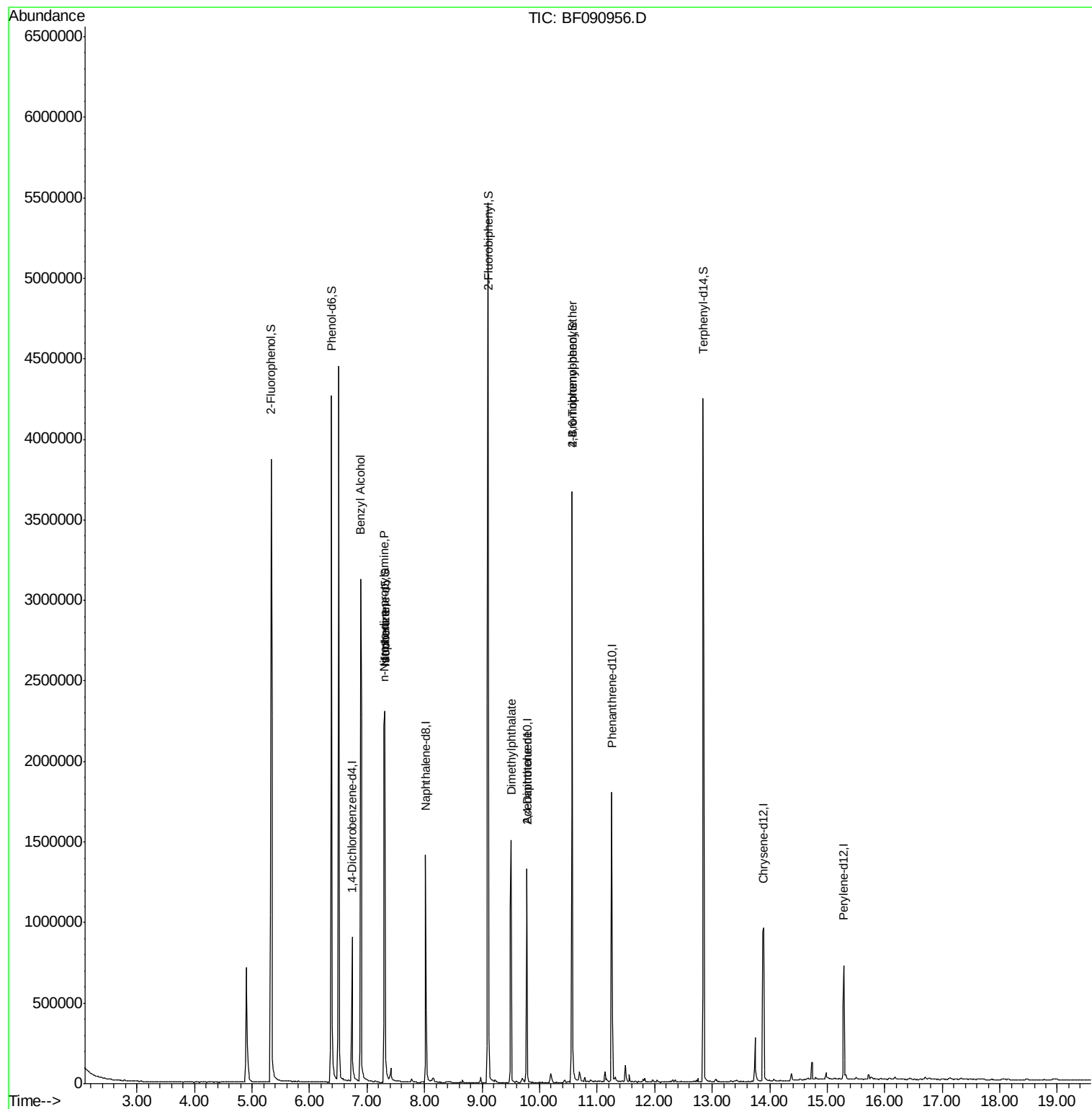
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164077	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	689546	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	383241	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	629714	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	478111	20.00	ng	-0.01
86) Perylene-d12	15.29	264	322959	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1511758	161.09	ng	0.00
7) Phenol-d6	6.38	99	1835002	144.94	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1334981	126.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	498656	126.61	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1869864	85.68	ng	-0.01
78) Terphenyl-d14	12.84	244	1764420	92.98	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	20750	2.50	ng	# 30
19) n-Nitroso-di-n-propylamine	7.30	70	181136	24.75	ng	# 54
25) Isophorone	7.31	82	1210302	56.62	ng	# 58
49) Dimethylphthalate	9.50	163	839509	32.79	ng	# 97
56) 2,4-Dinitrotoluene	9.78	165	49022	6.98	ng	# 33
66) 4-Bromophenyl-phenylether	10.57	248	36470	5.29	ng	# 1

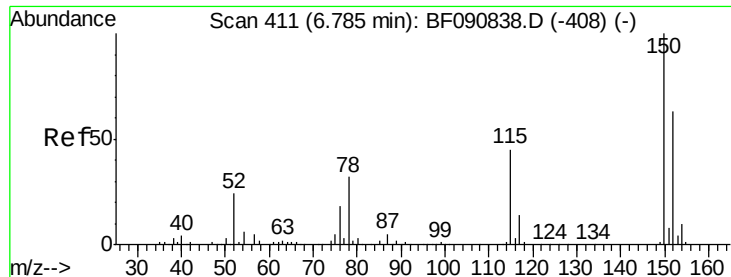
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

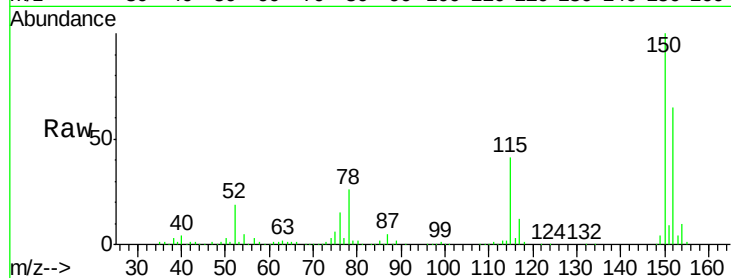
Tgt Ion:152 Resp: 164077

Ion Ratio Lower Upper

152 100

150 153.1 124.7 187.1

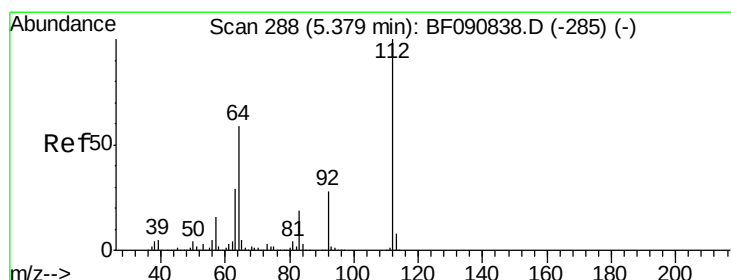
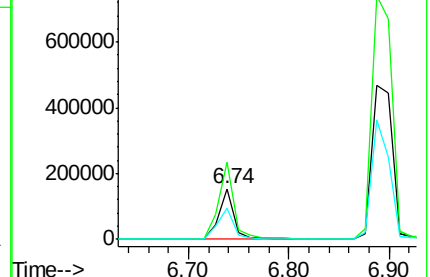
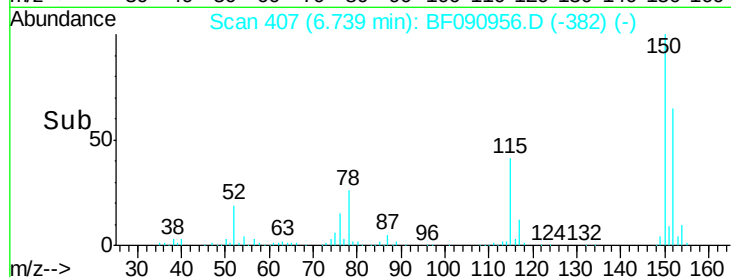
115 62.2 39.0 58.4#



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: 161.09 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

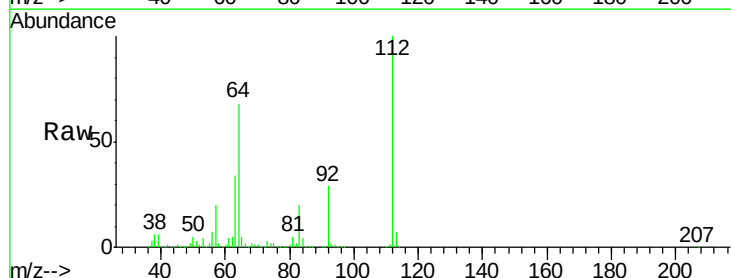
Tgt Ion:112 Resp: 1511758

Ion Ratio Lower Upper

112 100

64 67.7 39.7 59.5#

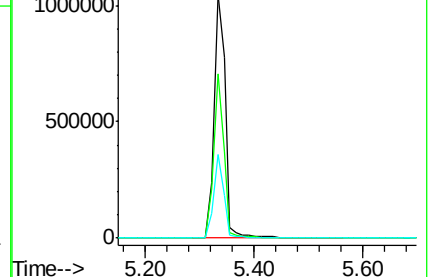
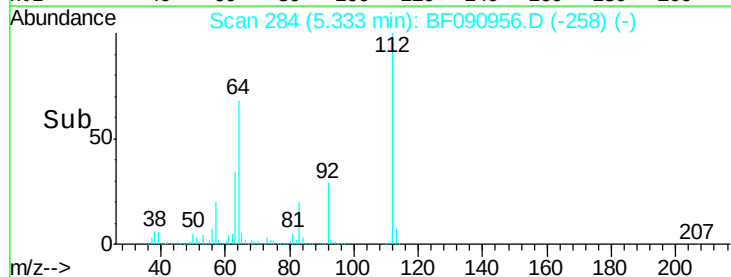
63 34.1 17.4 26.0#

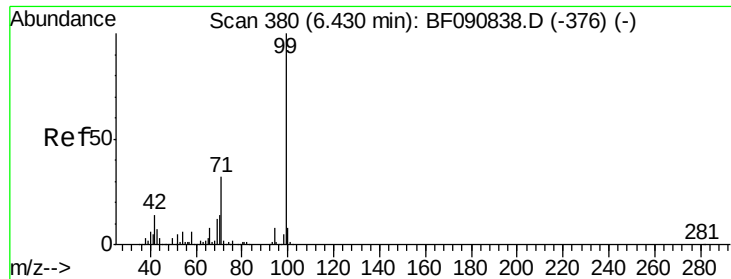


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.94 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

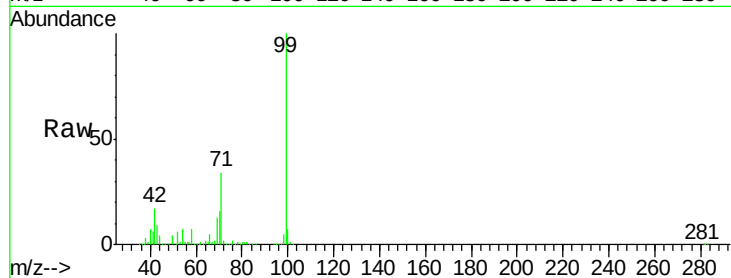
Tgt Ion: 99 Resp: 1835002

Ion Ratio Lower Upper

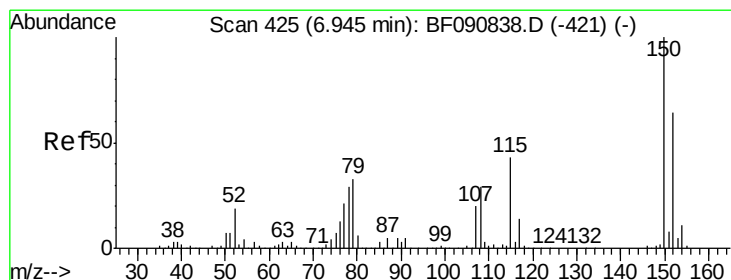
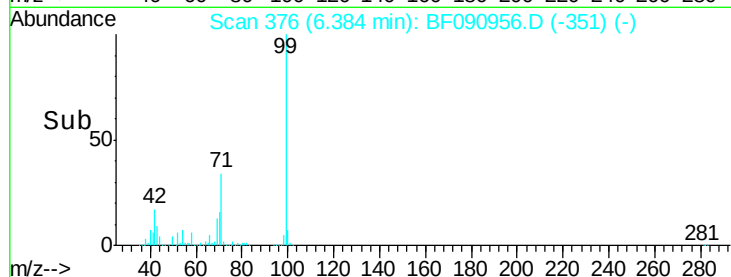
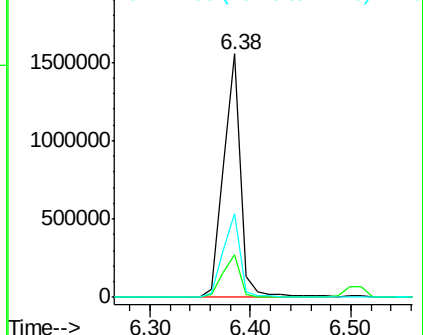
99 100

42 17.3 13.7 20.5

71 34.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.50 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

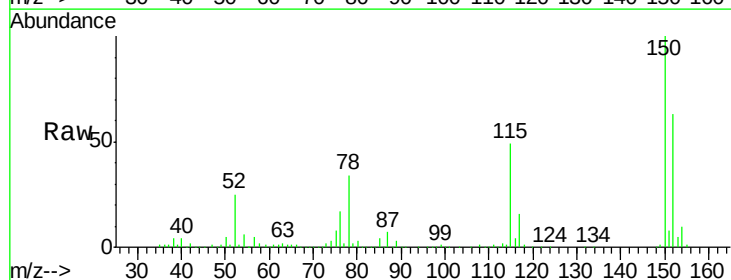
Tgt Ion: 79 Resp: 20750

Ion Ratio Lower Upper

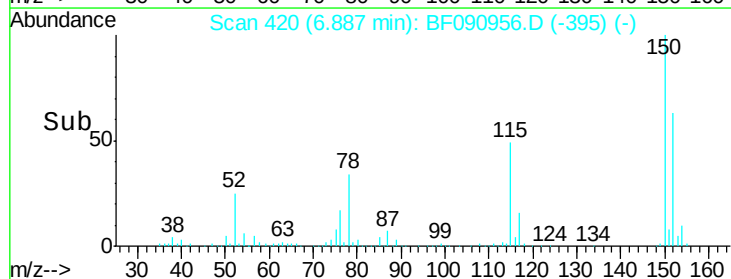
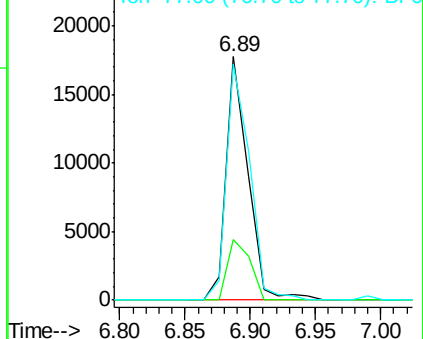
79 100

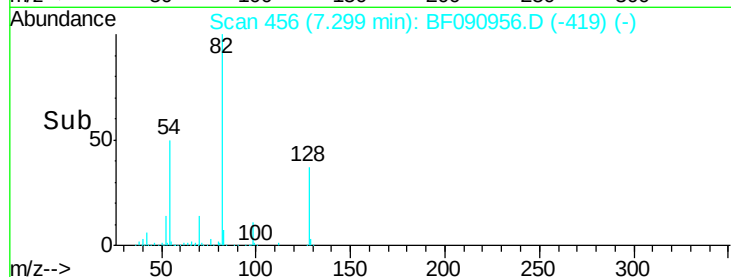
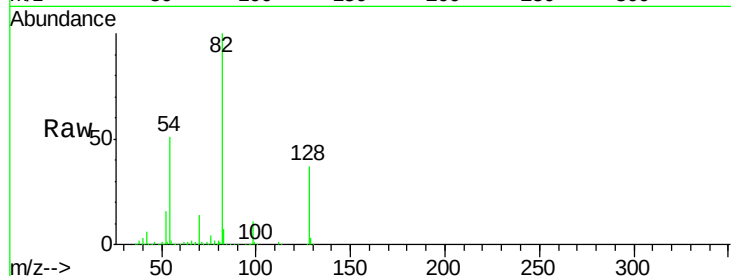
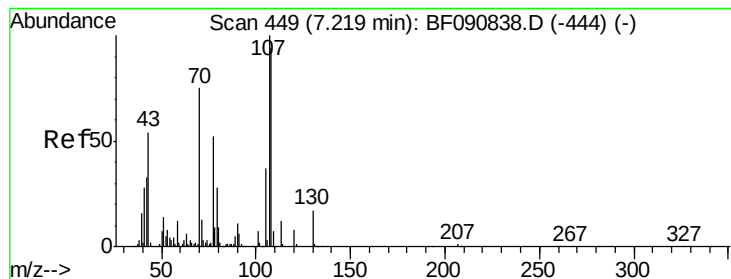
108 25.1 88.6 132.8#

77 96.8 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 24.75 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

Tgt Ion: 70 Resp: 181136

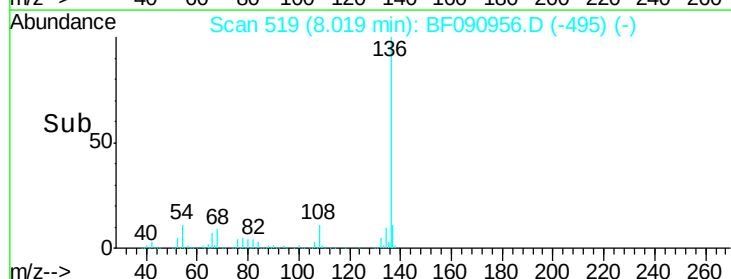
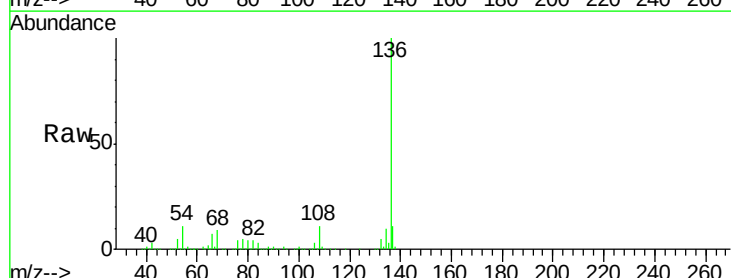
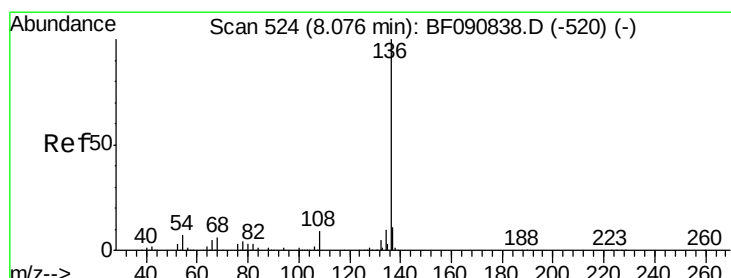
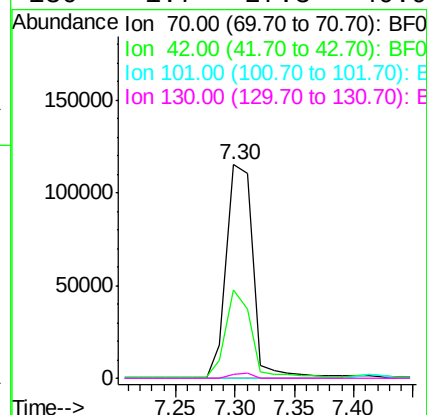
Ion Ratio Lower Upper

70 100

42 41.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Tgt Ion: 136 Resp: 689546

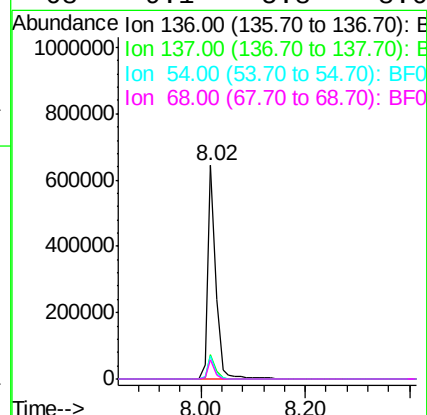
Ion Ratio Lower Upper

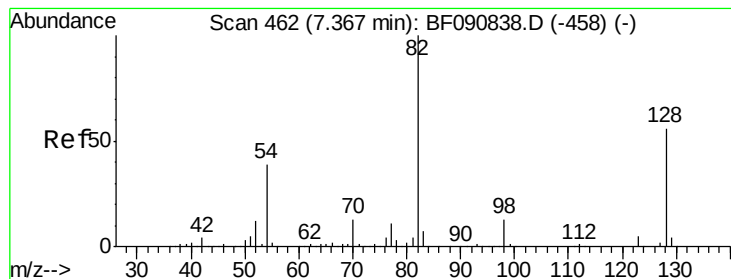
136 100

137 11.2 9.0 13.6

54 10.9 8.2 12.2

68 9.1 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 126.74 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

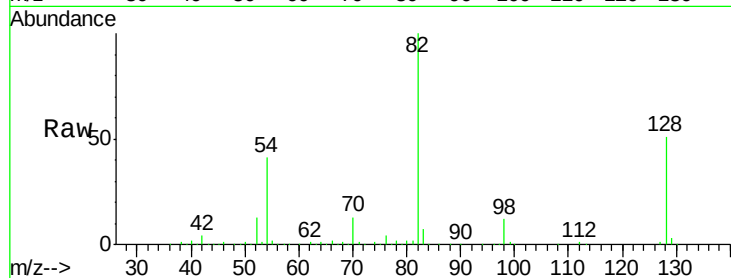
Tgt Ion: 82 Resp: 1334981

Ion Ratio Lower Upper

82 100

128 50.8 51.0 76.6#

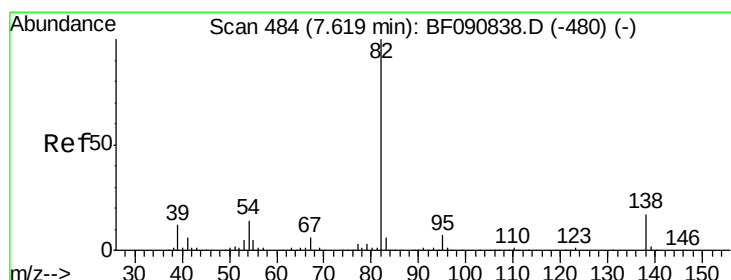
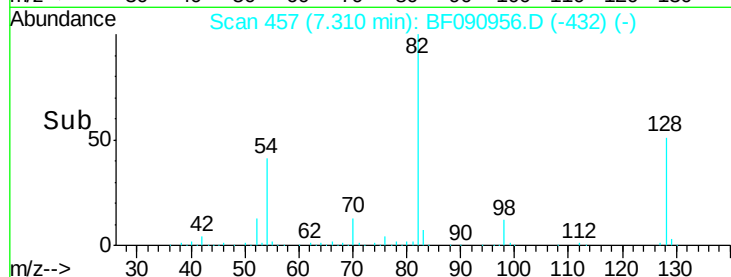
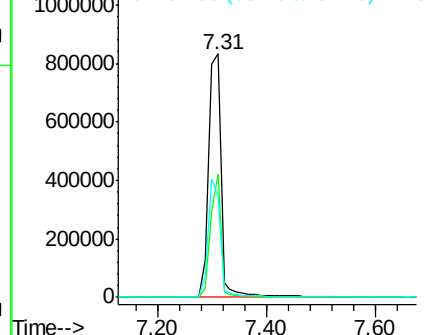
54 41.5 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 56.62 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.27 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

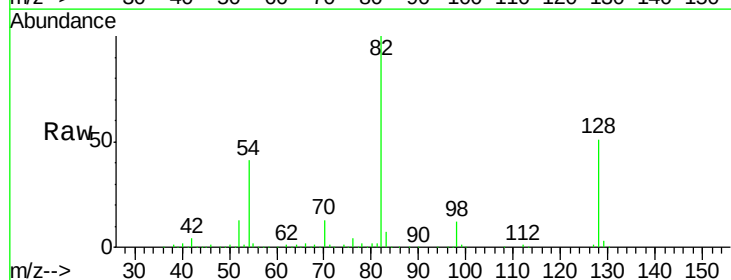
Tgt Ion: 82 Resp: 1210302

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

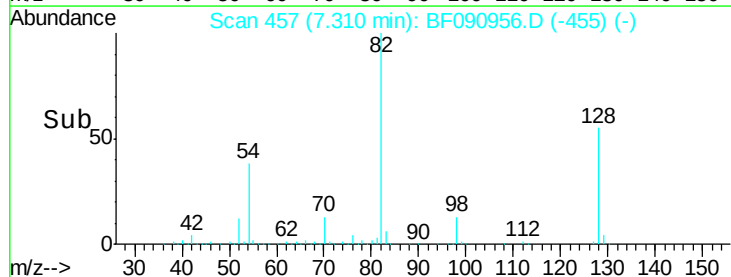
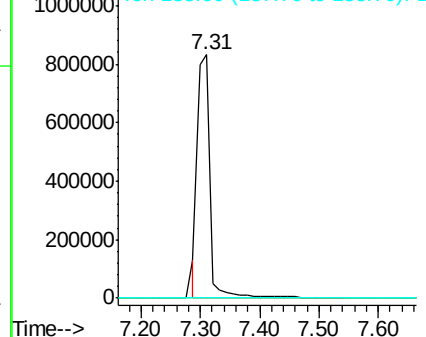
138 0.0 18.3 27.5#

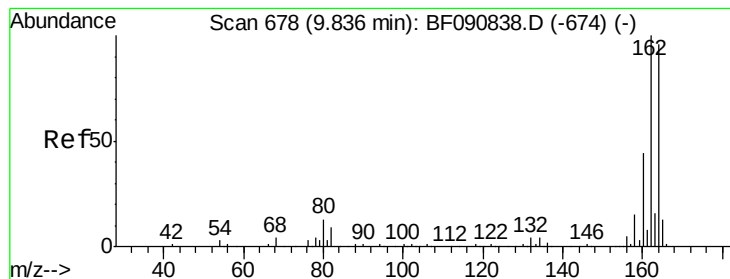


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

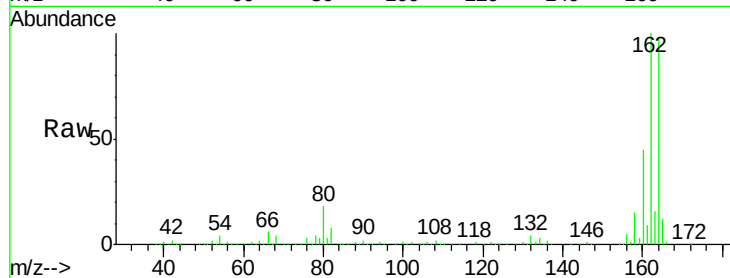
Tgt Ion:164 Resp: 383241

Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

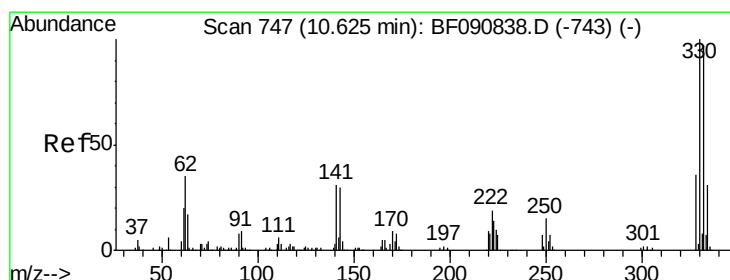
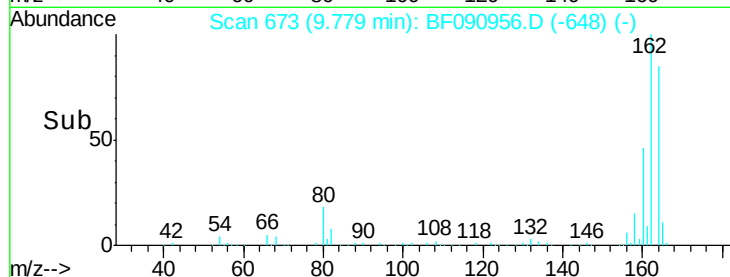
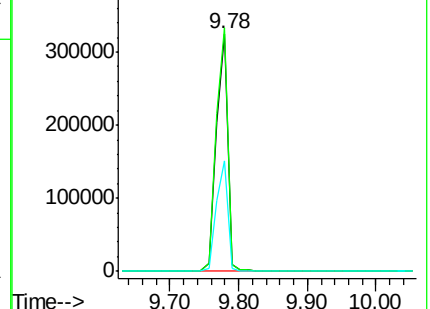
160 46.6 31.5 47.3



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



#41

2,4,6-Tribromophenol

Concen: 126.61 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

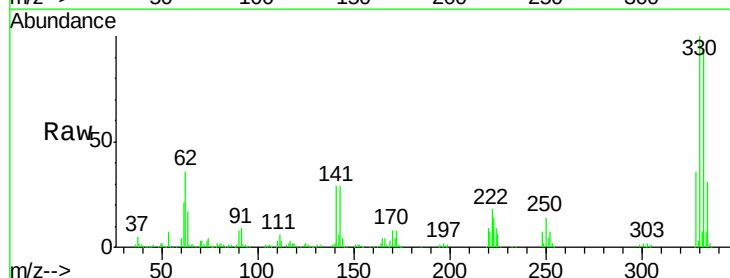
Tgt Ion:330 Resp: 498656

Ion Ratio Lower Upper

330 100

332 94.1 76.6 114.8

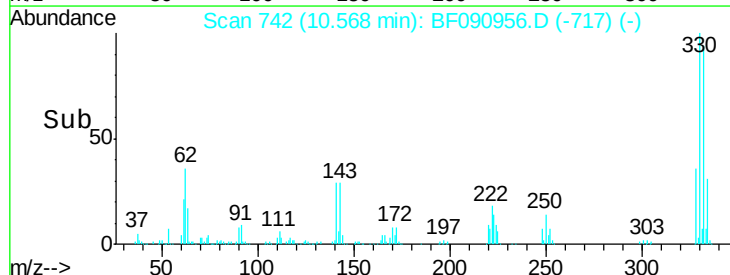
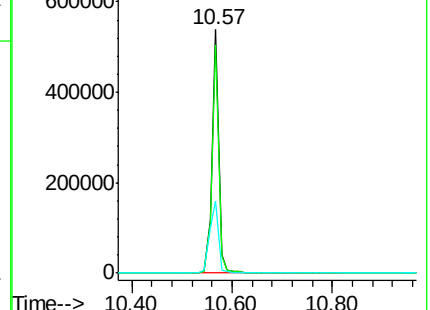
141 38.9 29.7 44.5

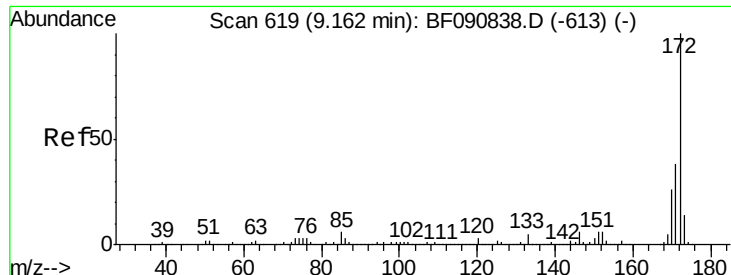


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

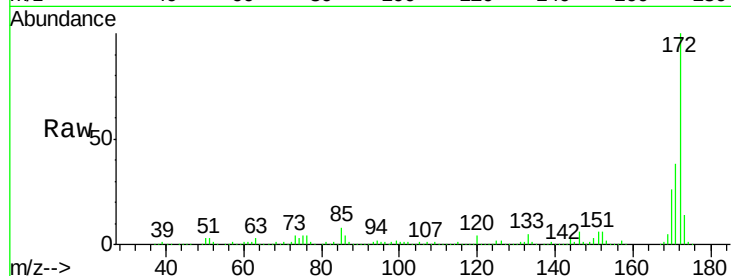




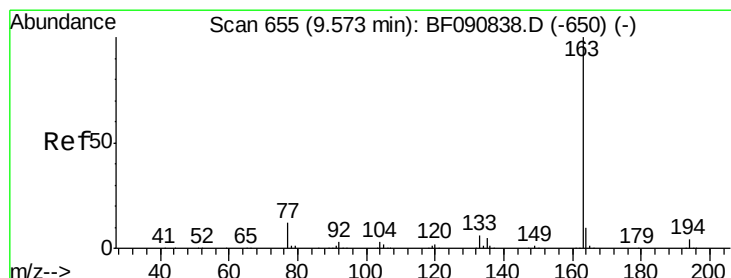
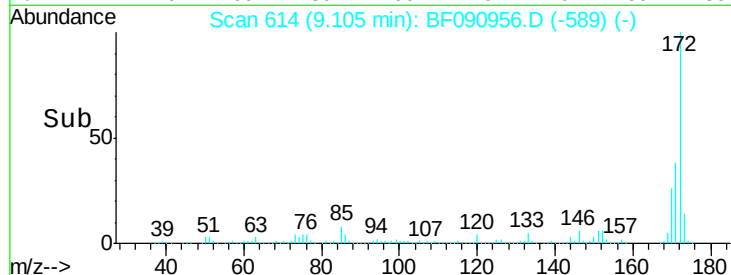
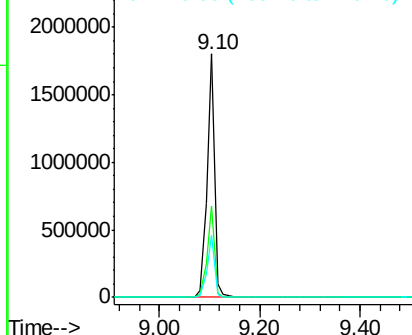
#44
2-Fluorobiphenyl
Concen: 85.68 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090956.D
Acq: 1 Nov 2016 17:43

Instrument :
BNA_F
ClientSampled :
SD-3

Tgt Ion:172 Resp: 1869864
Ion Ratio Lower Upper
172 100
171 37.6 26.1 39.1
170 25.6 17.4 26.2

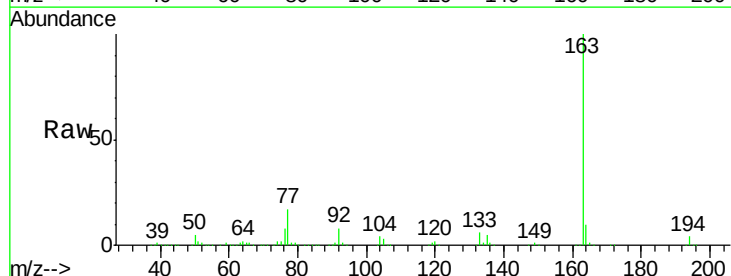


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

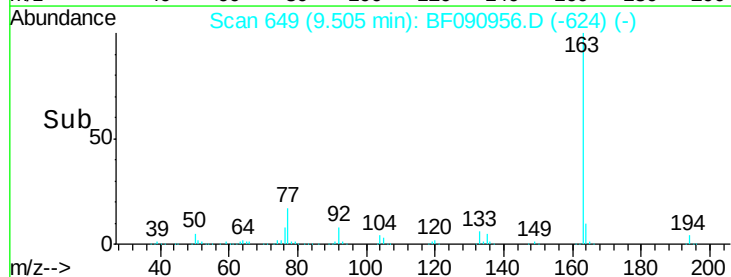
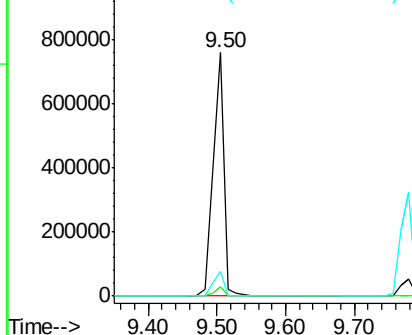


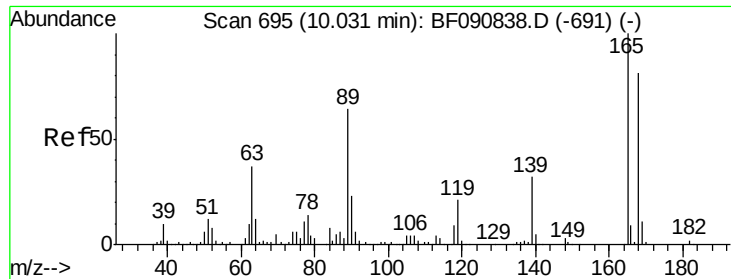
#49
Dimethylphthalate
Concen: 32.79 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090956.D
Acq: 1 Nov 2016 17:43

Tgt Ion:163 Resp: 839509
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.0 8.3 12.5



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

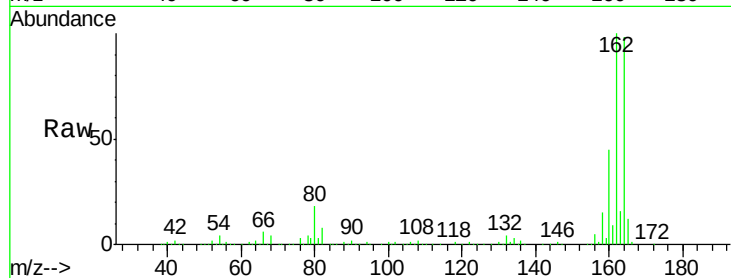




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF090956.D
 Acq: 1 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SD-3

Tgt Ion:	165	Resp:	49022
Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.6#
89	0.8	44.5	66.7#
182	0.0	3.0	4.4#

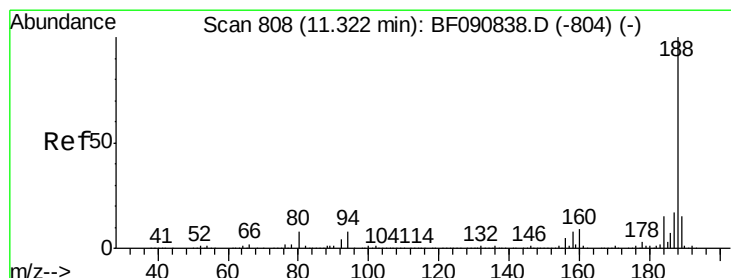
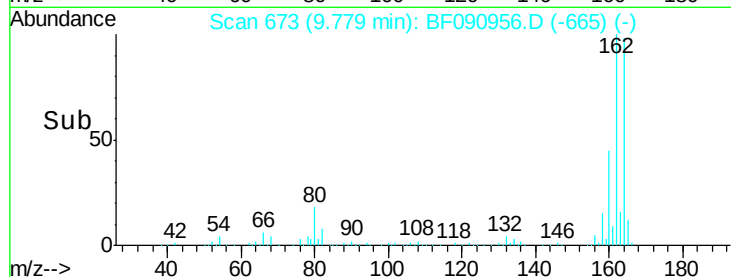
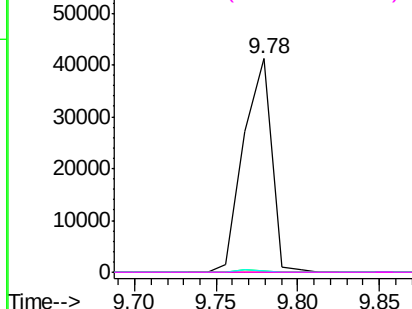


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

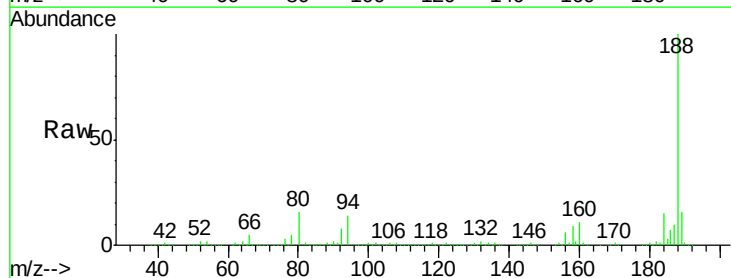
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090956.D
 Acq: 1 Nov 2016 17:43

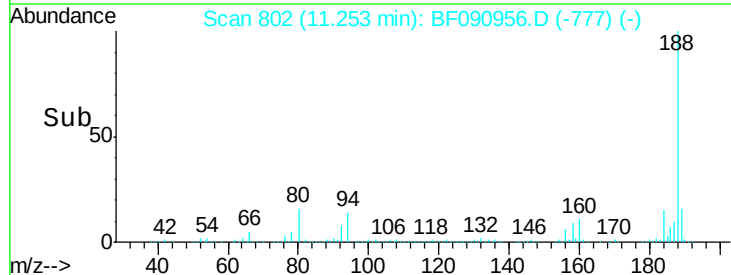
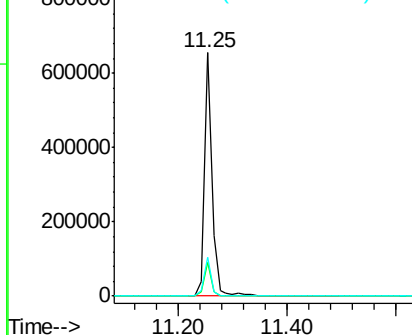
Tgt Ion:	188	Resp:	629714
Ion	Ratio	Lower	Upper
188	100		
94	14.0	11.1	16.7
80	16.1	11.0	16.4

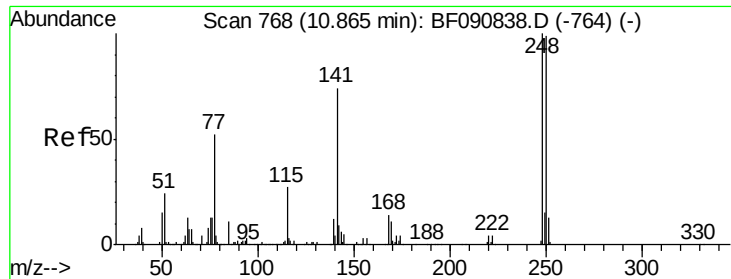


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

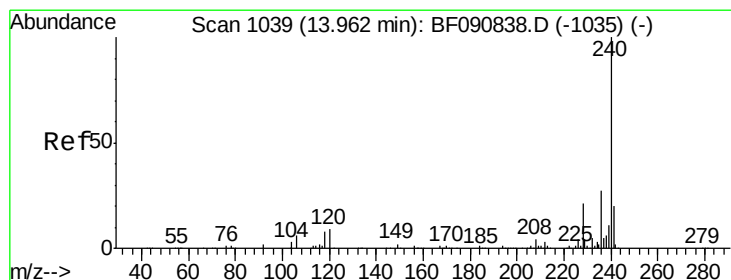
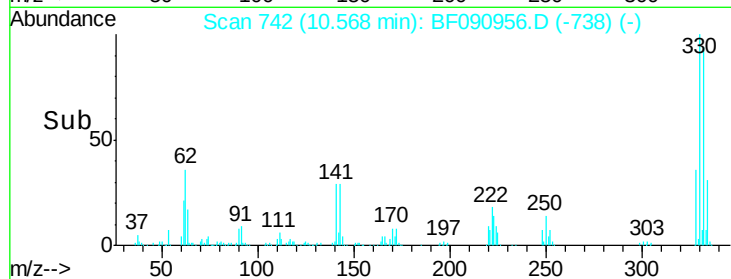
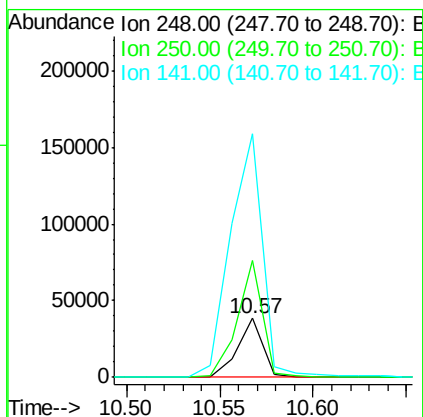
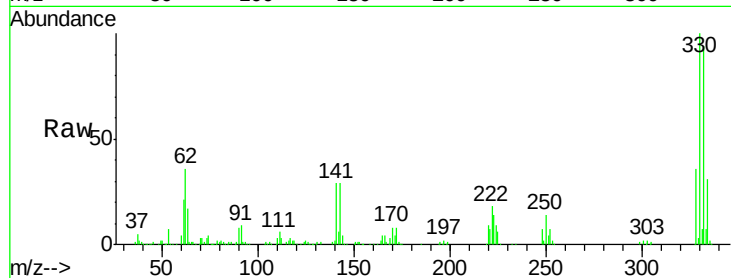




#66
4-Bromophenyl-phenylether
Concen: 5.29 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090956.D
Acq: 1 Nov 2016 17:43

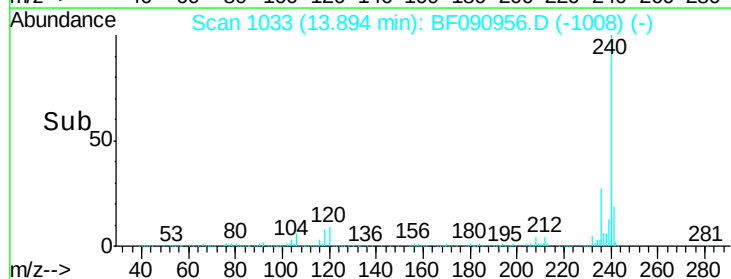
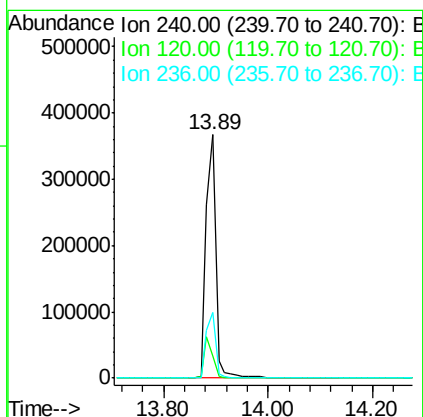
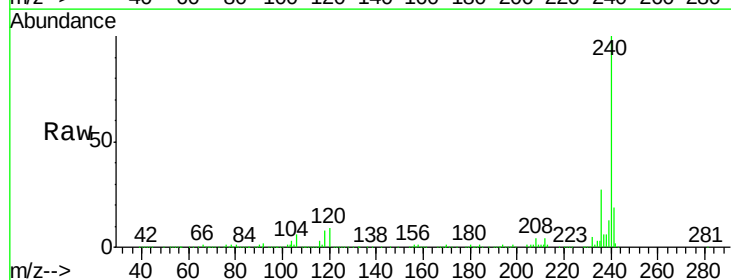
Instrument :
BNA_F
ClientSampleId :
SD-3

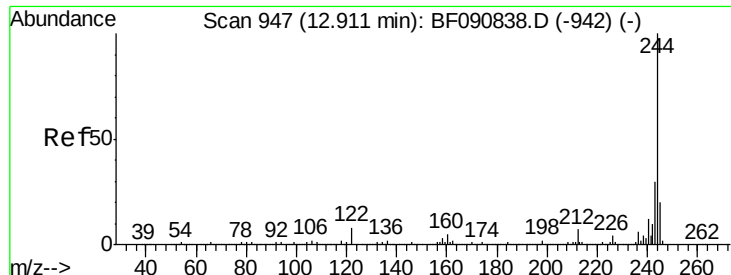
Tgt Ion:248 Resp: 36470
Ion Ratio Lower Upper
248 100
250 198.8 78.5 117.7#
141 412.3 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090956.D
Acq: 1 Nov 2016 17:43

Tgt Ion:240 Resp: 478111
Ion Ratio Lower Upper
240 100
120 9.1 16.2 24.2#
236 27.1 18.4 27.6





#78

Terphenyl-d14

Concen: 92.98 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

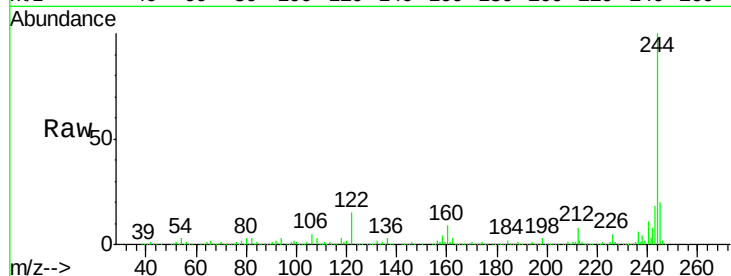
Tgt Ion:244 Resp: 1764420

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

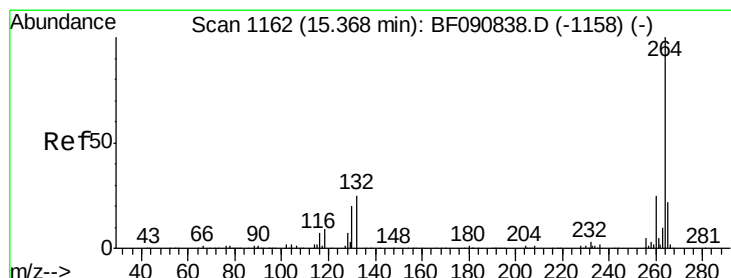
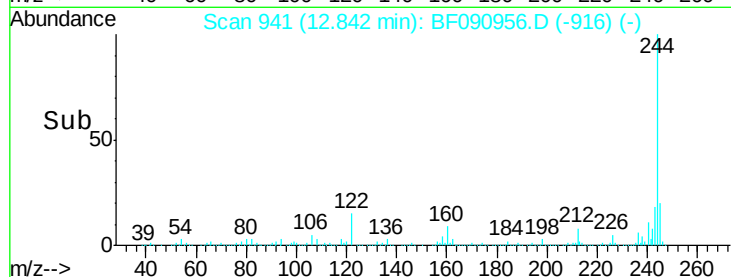
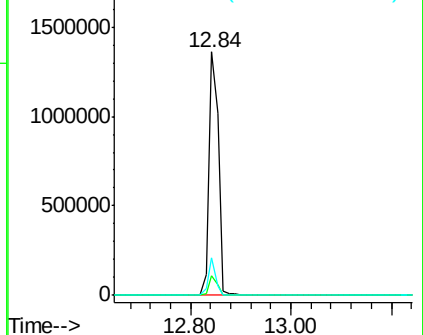
122 15.4 17.4 26.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

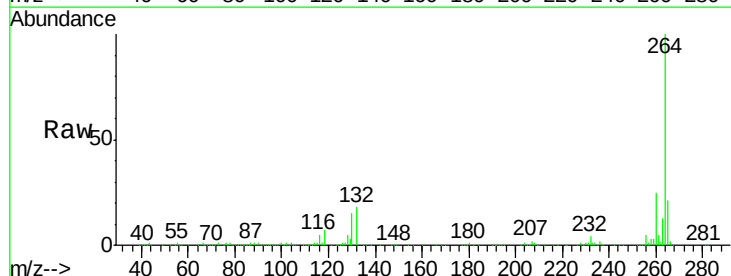
Tgt Ion:264 Resp: 322959

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 21.3 17.2 25.8



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

