

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090012.D
 Acq On : 7 Sep 2016 18:39
 Operator : UM/SJ
 Sample : H4676-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-11

Quant Time: Sep 08 07:16:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

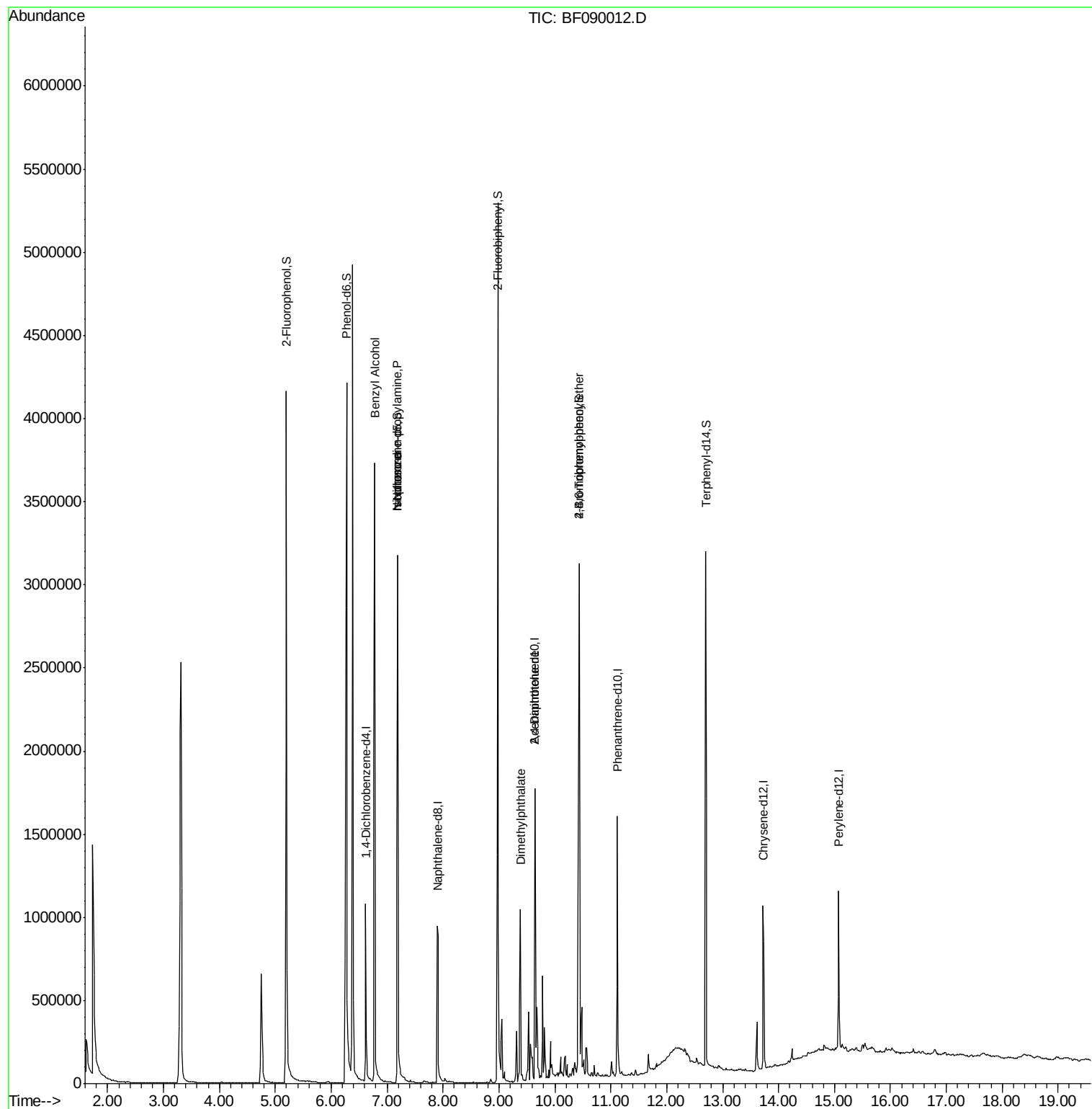
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	192814	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	759446	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	384616	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	674513	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	465780	20.00	ng	-0.03
86) Perylene-d12	15.07	264	397876	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1561438	129.62	ng	-0.01
7) Phenol-d6	6.27	99	2258246	154.28	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1270475	97.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	432603	114.01	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1910367	81.53	ng	-0.02
78) Terphenyl-d14	12.70	244	1243173	65.93	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.78	79	20022	2.18	ng	# 42
19) n-Nitroso-di-n-propylamine	7.19	70	170335	17.86	ng	# 83
25) Isophorone	7.19	82	963155	36.17	ng	# 65
49) Dimethylphthalate	9.38	163	553550	19.91	ng	98
56) 2,4-Dinitrotoluene	9.64	165	48959	6.24	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	30086	4.43	ng	# 1

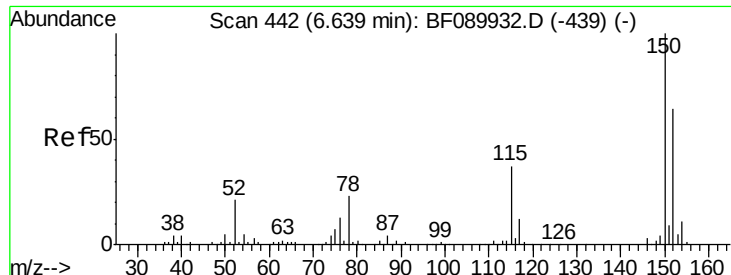
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090012.D

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Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-11

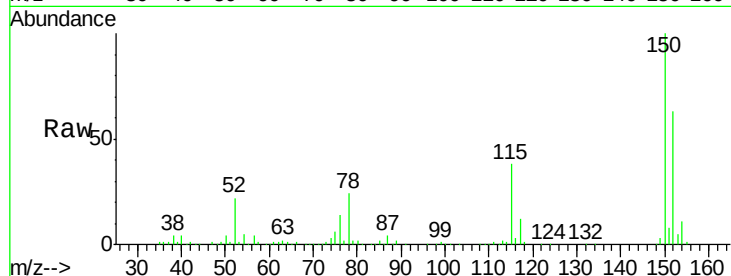
Tgt Ion:152 Resp: 192814

Ion Ratio Lower Upper

152 100

150 159.4 127.4 191.2

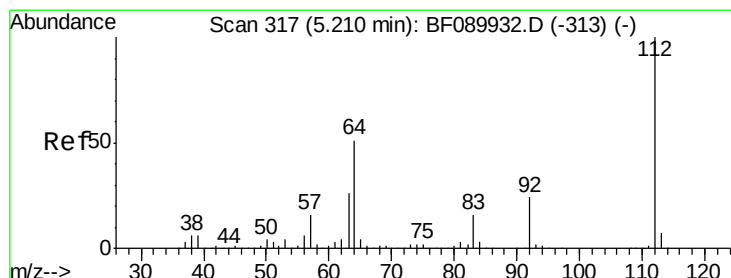
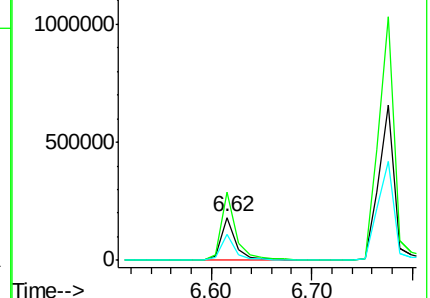
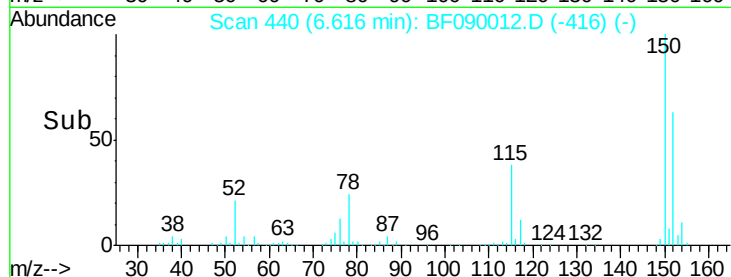
115 59.9 46.3 69.5



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: 129.62 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090012.D

Acq: 7 Sep 2016 18:39

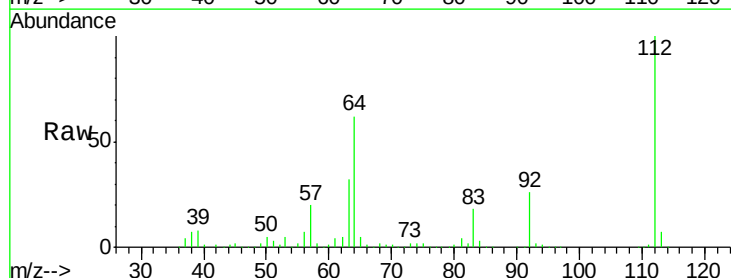
Tgt Ion:112 Resp: 1561438

Ion Ratio Lower Upper

112 100

64 61.5 41.1 61.7

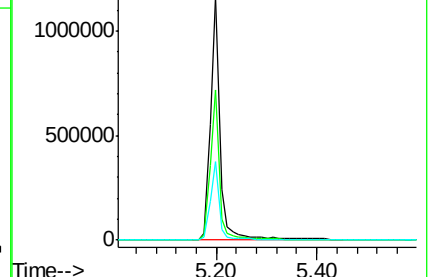
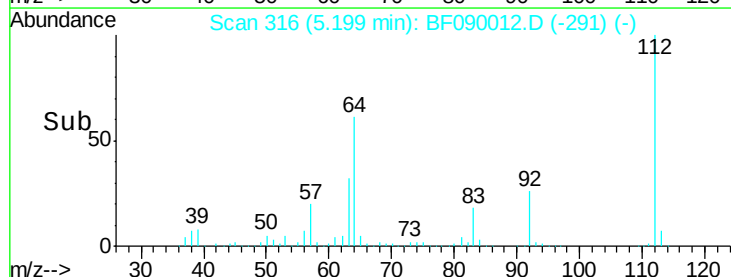
63 32.0 21.2 31.8#

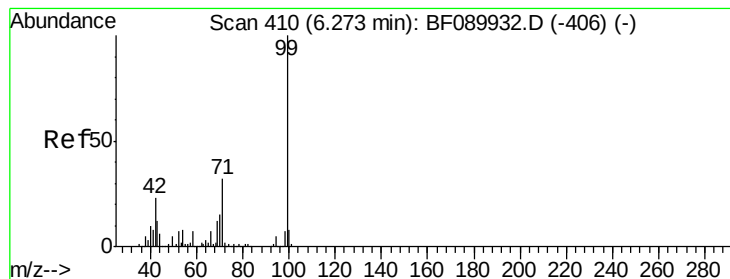


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.28 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090012.D

Acq: 7 Sep 2016 18:39

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-11

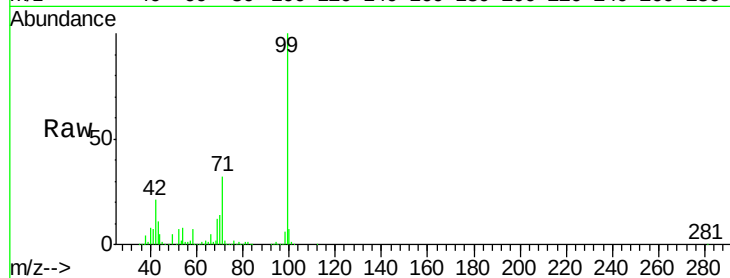
Tgt Ion: 99 Resp: 2258246

Ion Ratio Lower Upper

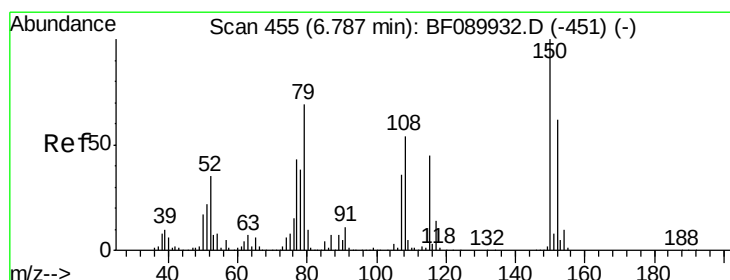
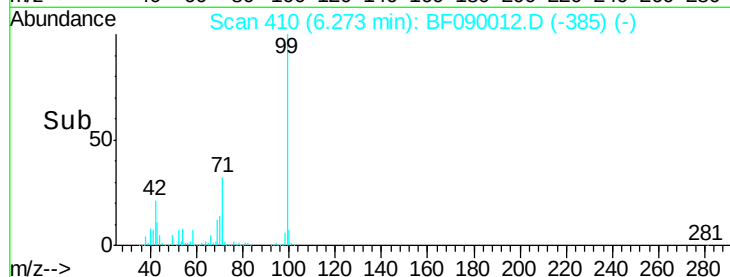
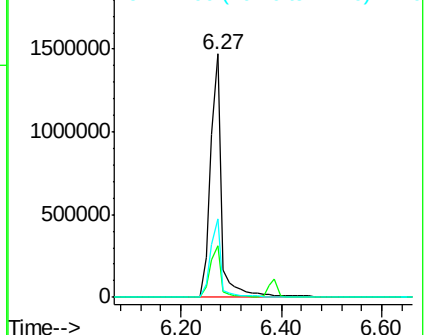
99 100

42 21.4 18.6 27.8

71 32.2 25.8 38.6



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: 2.18 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF090012.D

Acq: 7 Sep 2016 18:39

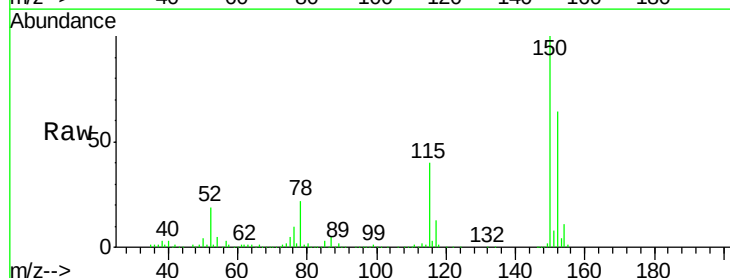
Tgt Ion: 79 Resp: 20022

Ion Ratio Lower Upper

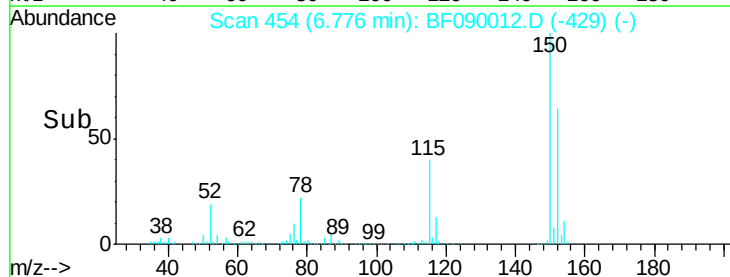
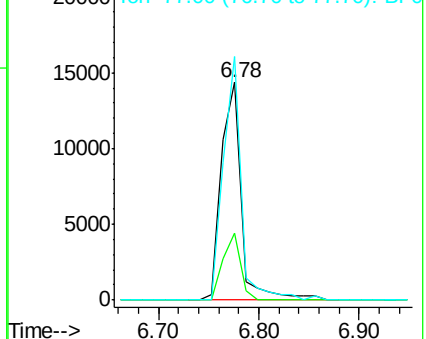
79 100

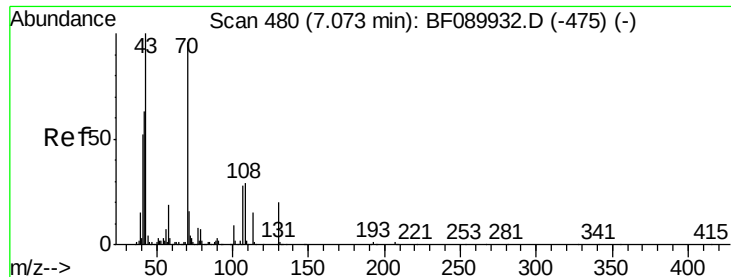
108 30.7 62.1 93.1#

77 111.9 50.1 75.1#



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

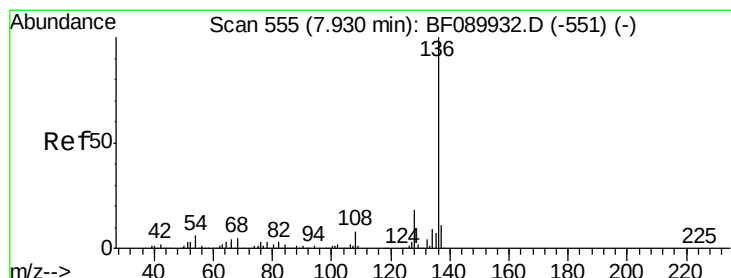
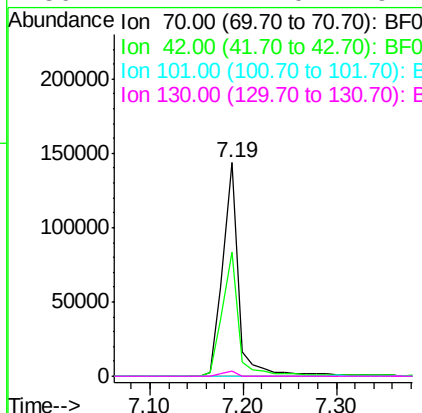
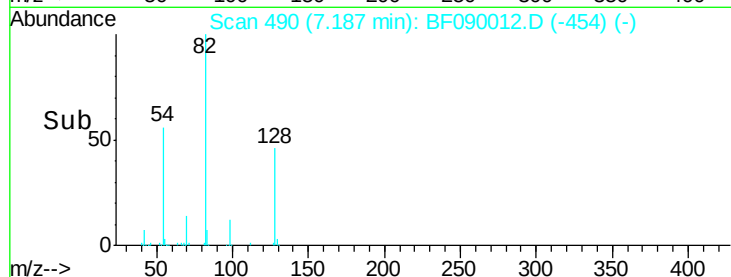
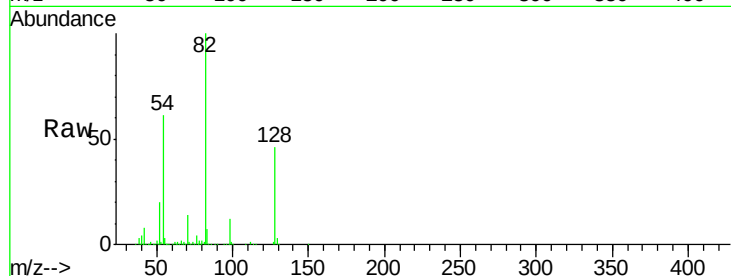




#19
n-Nitroso-di-n-propylamine
Concen: 17.86 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.11 min
Lab File: BF090012.D
Acq: 7 Sep 2016 18:39

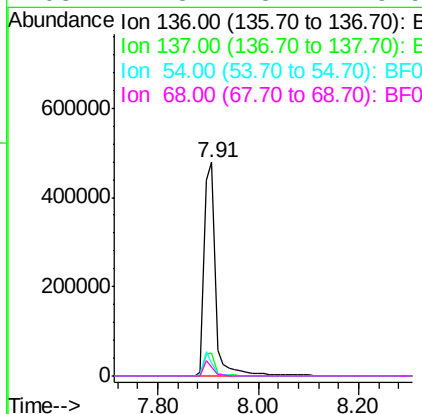
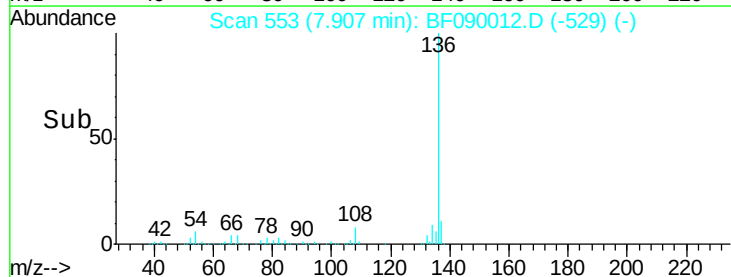
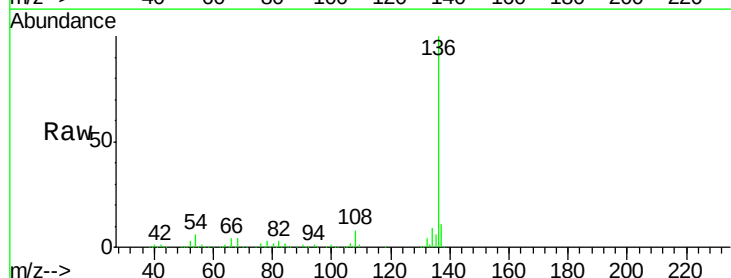
Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-11

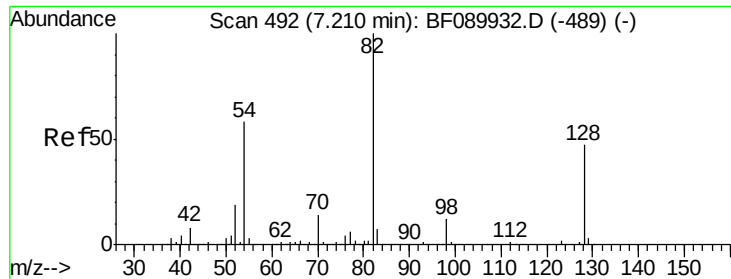
Tgt Ion: 70 Resp: 170335
Ion Ratio Lower Upper
70 100
42 58.3 52.1 78.1
101 0.0 7.4 11.2#
130 2.4 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF090012.D
Acq: 7 Sep 2016 18:39

Tgt Ion: 136 Resp: 759446
Ion Ratio Lower Upper
136 100
137 10.5 8.3 12.5
54 6.2 4.8 7.2
68 4.3 3.7 5.5

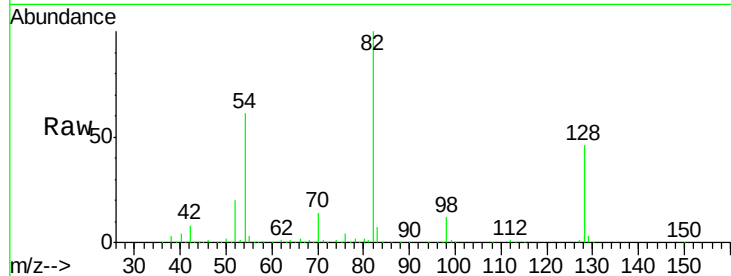




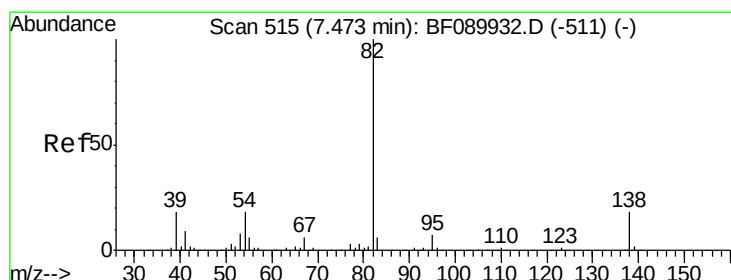
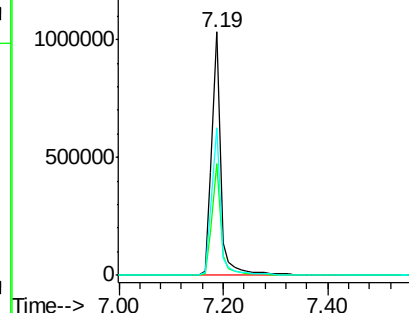
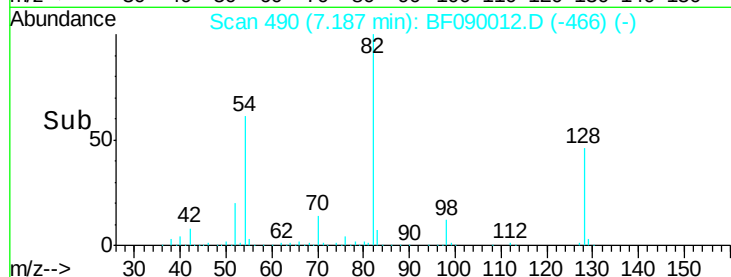
#23
 Nitrobenzene-d5
 Concen: 97.02 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090012.D
 Acq: 7 Sep 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-11

Tgt Ion: 82 Resp: 1270475
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.8 56.8
 54 60.6 46.9 70.3

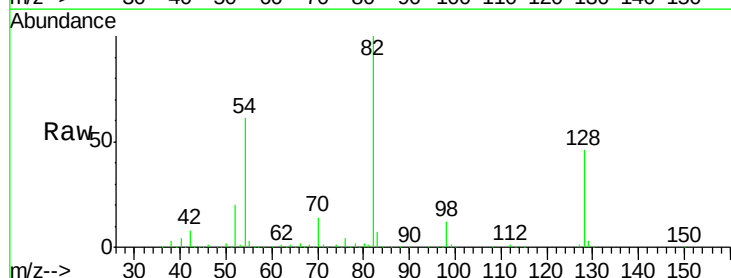


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

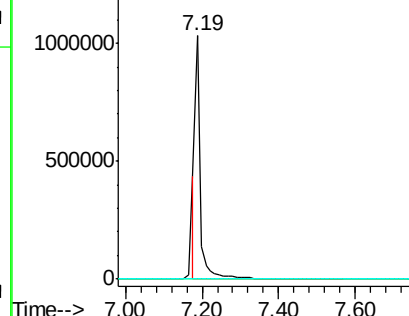
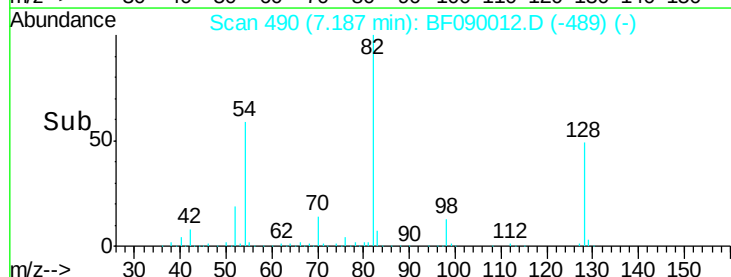


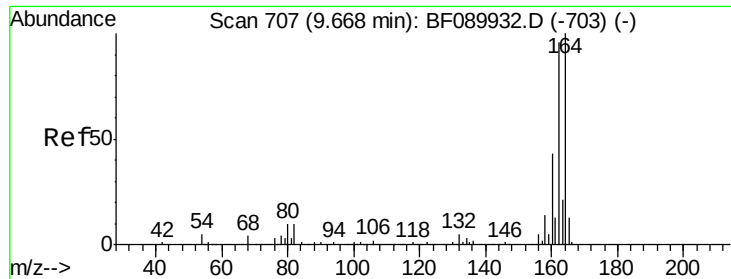
#25
 Isophorone
 Concen: 36.17 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.29 min
 Lab File: BF090012.D
 Acq: 7 Sep 2016 18:39

Tgt Ion: 82 Resp: 963155
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090012.D

Acq: 7 Sep 2016 18:39

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-11

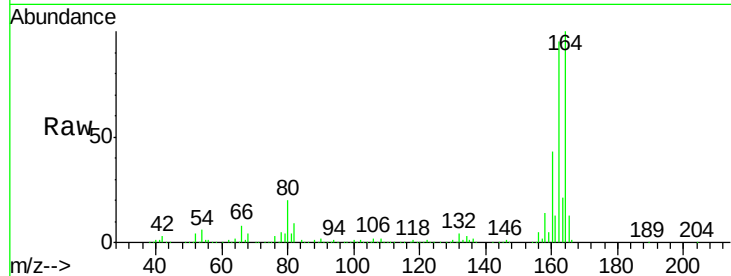
Tgt Ion:164 Resp: 384616

Ion Ratio Lower Upper

164 100

162 94.7 77.1 115.7

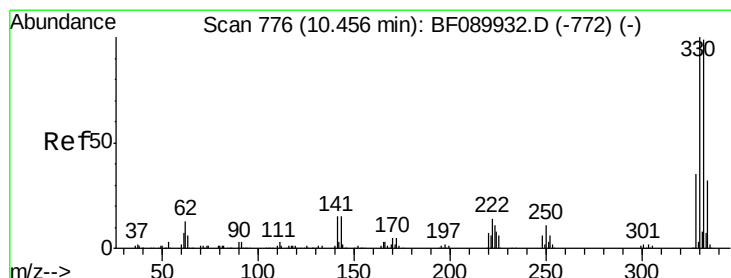
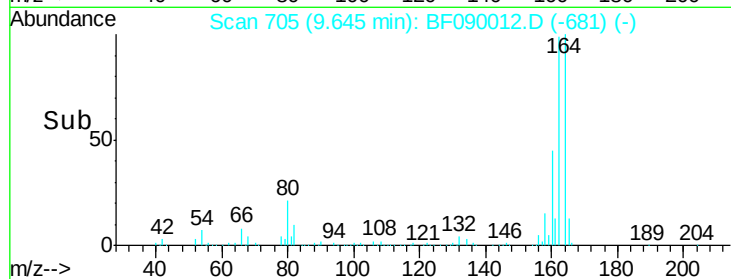
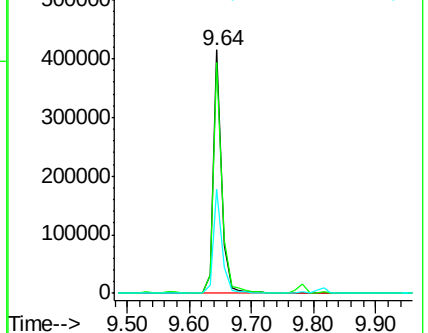
160 42.8 35.3 52.9



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: 114.01 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF090012.D

Acq: 7 Sep 2016 18:39

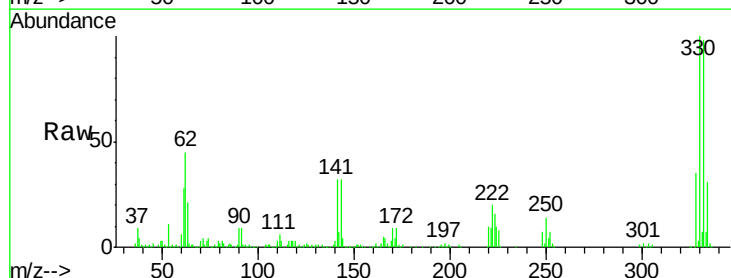
Tgt Ion:330 Resp: 432603

Ion Ratio Lower Upper

330 100

332 97.2 78.6 117.8

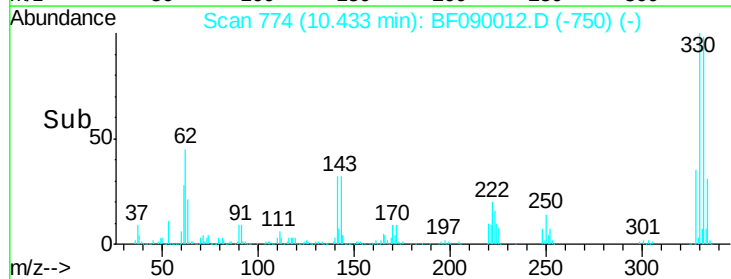
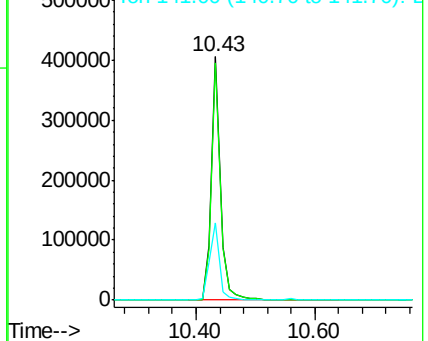
141 35.0 23.3 34.9#

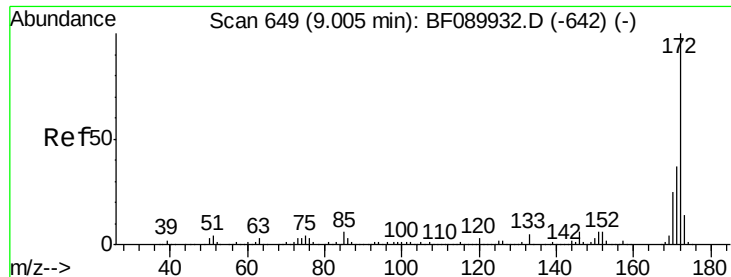


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

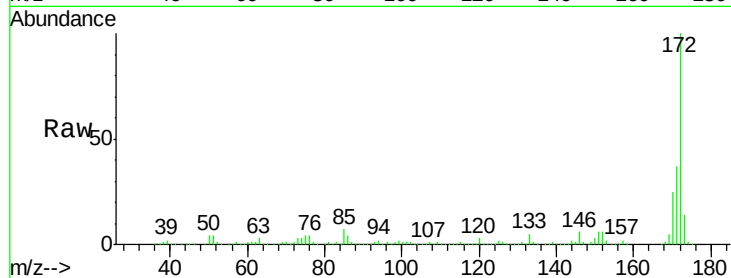




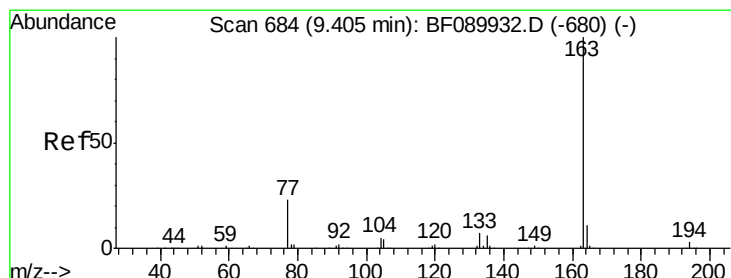
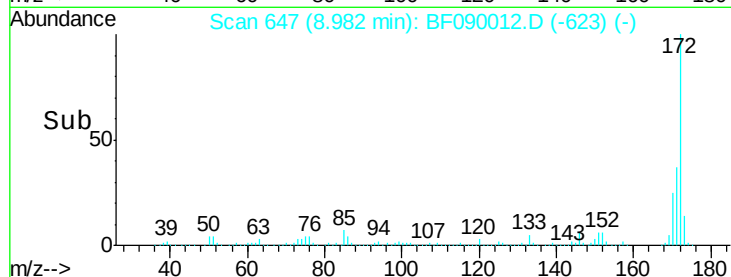
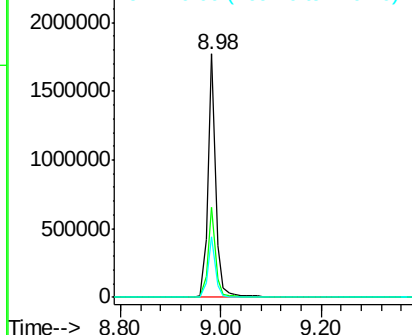
#44
2-Fluorobiphenyl
Concen: 81.53 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090012.D
Acq: 7 Sep 2016 18:39

Instrument :
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Tgt Ion:172 Resp: 1910367
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 25.1 20.1 30.1

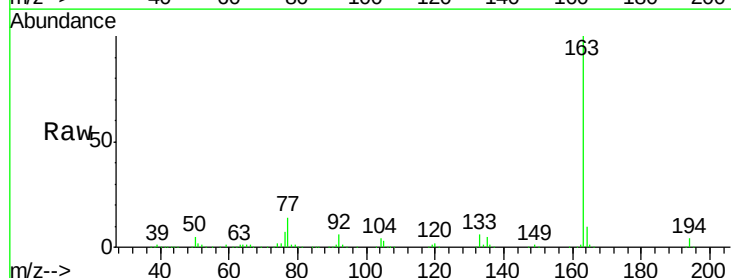


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

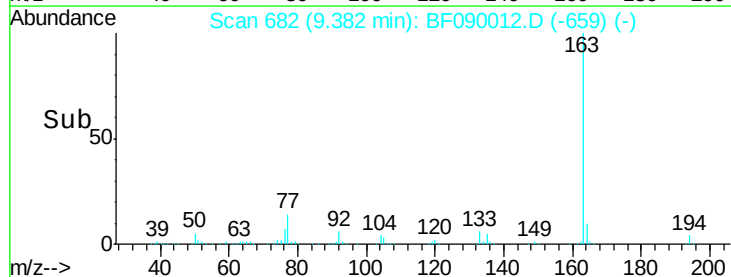
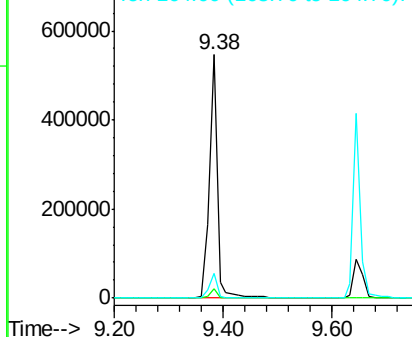


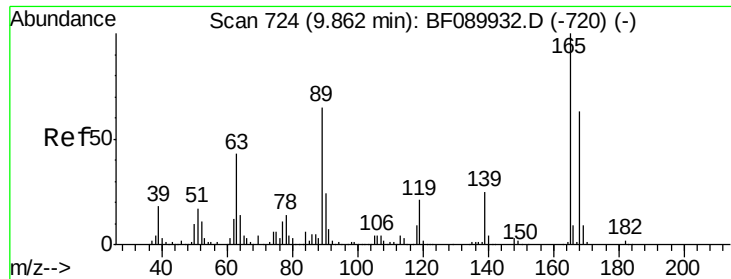
#49
Dimethylphthalate
Concen: 19.91 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090012.D
Acq: 7 Sep 2016 18:39

Tgt Ion:163 Resp: 553550
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 9.0 13.4



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

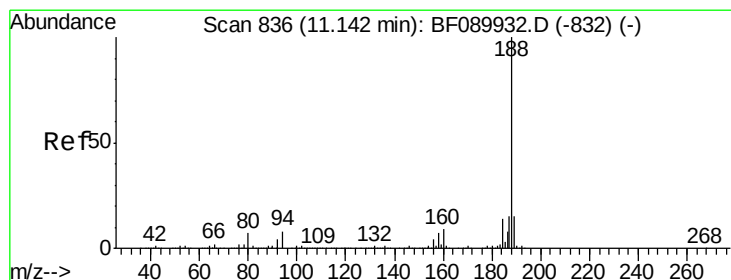
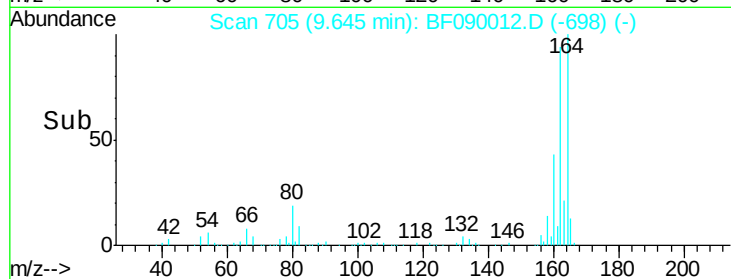
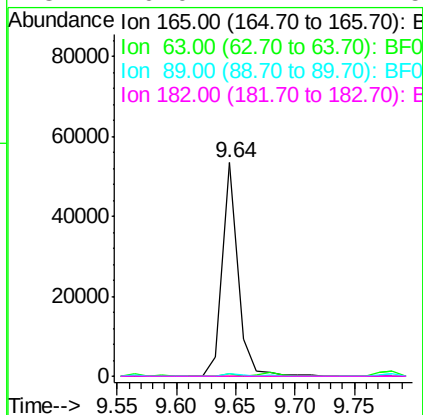
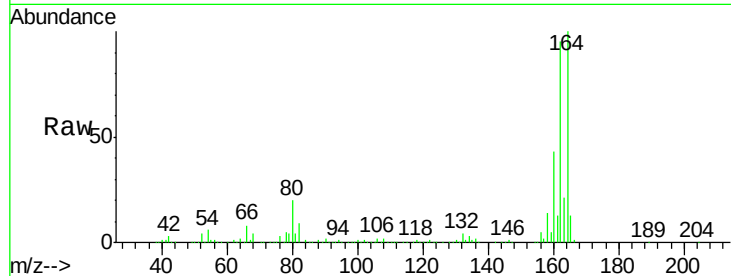




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF090012.D
 Acq: 7 Sep 2016 18:39

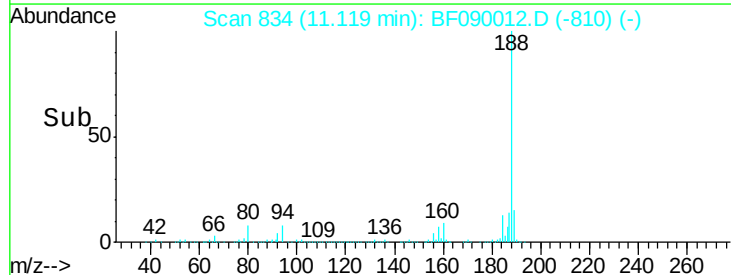
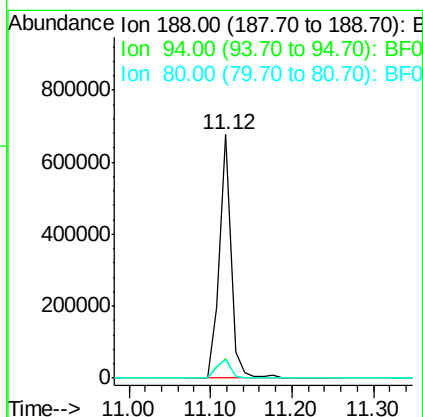
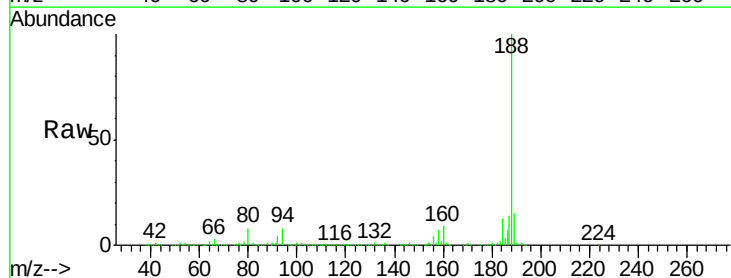
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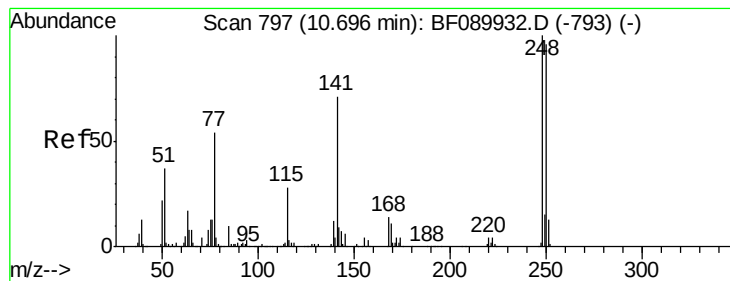
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF090012.D
 Acq: 7 Sep 2016 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.9	8.9
80	7.7	5.8	8.8





#66

4-Bromophenyl-phenylether

Concen: 4.43 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF090012.D

Acq: 7 Sep 2016 18:39

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-11

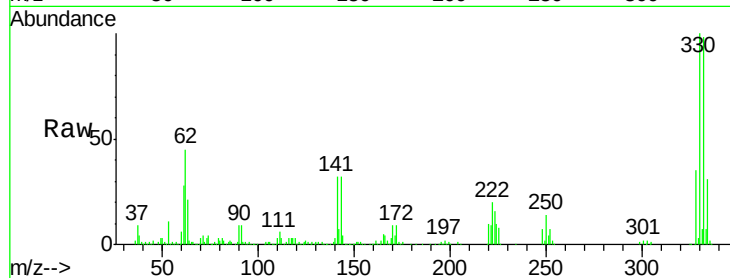
Tgt Ion:248 Resp: 30086

Ion Ratio Lower Upper

248 100

250 197.6 77.3 115.9#

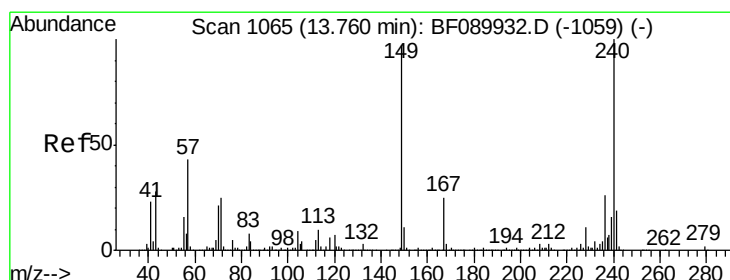
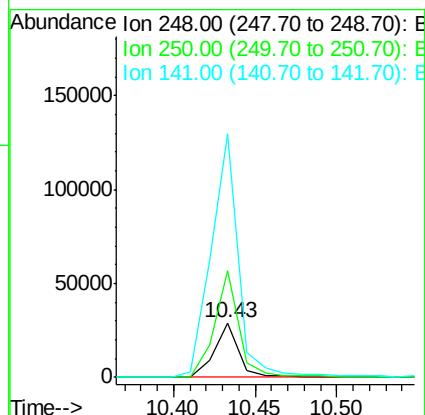
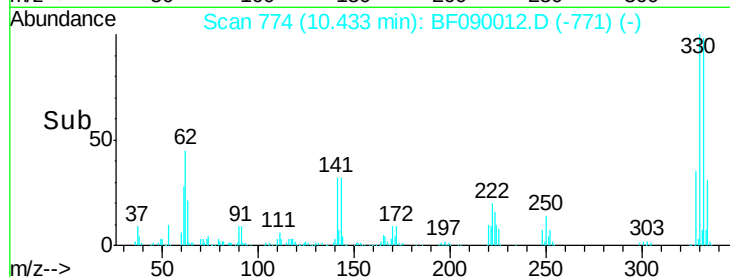
141 448.9 55.8 83.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF090012.D

Acq: 7 Sep 2016 18:39

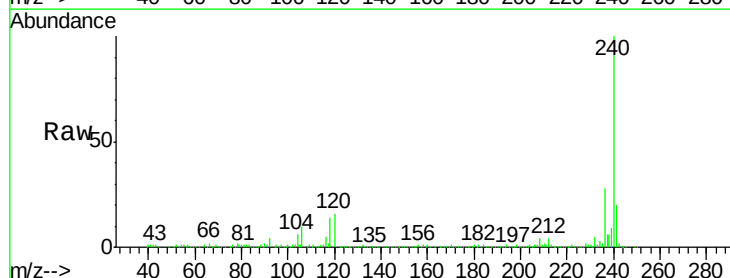
Tgt Ion:240 Resp: 465780

Ion Ratio Lower Upper

240 100

120 16.4 5.7 8.5#

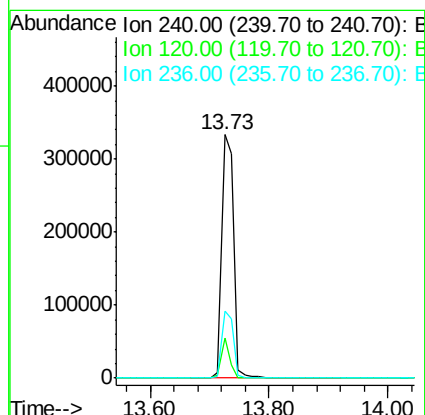
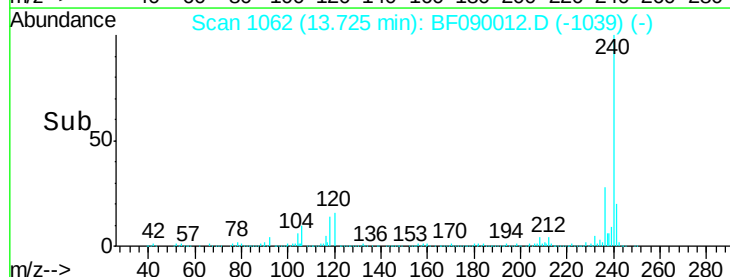
236 27.5 21.3 31.9

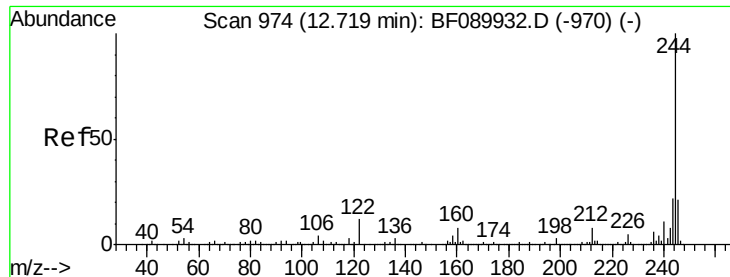


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

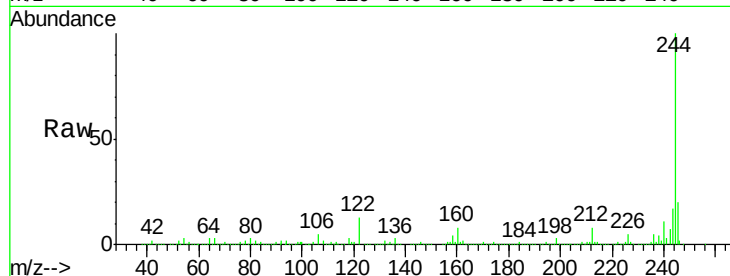




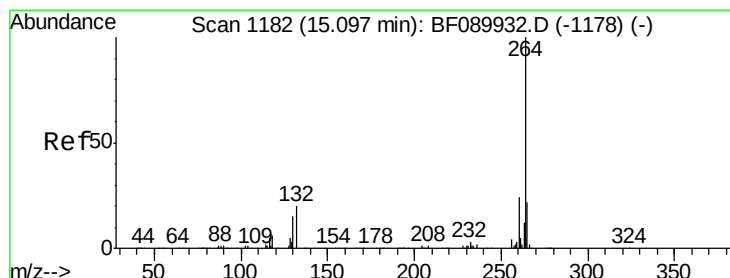
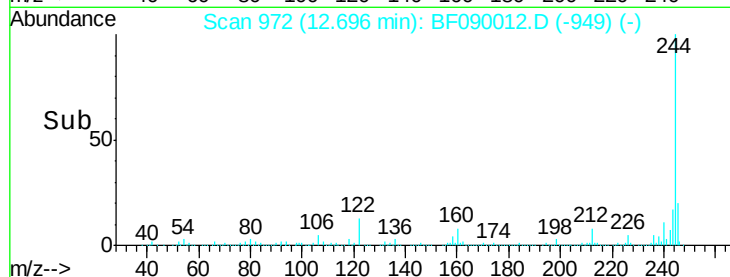
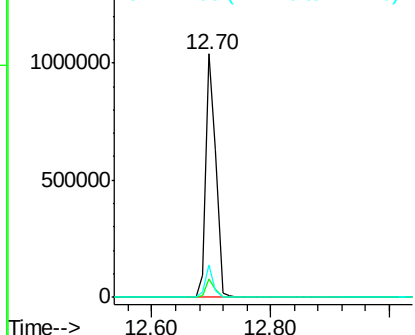
#78
 Terphenyl-d14
 Concen: 65.93 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.03 min
 Lab File: BF090012.D
 Acq: 7 Sep 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-11

Tgt Ion:244 Resp: 1243173
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.4 9.6 14.4

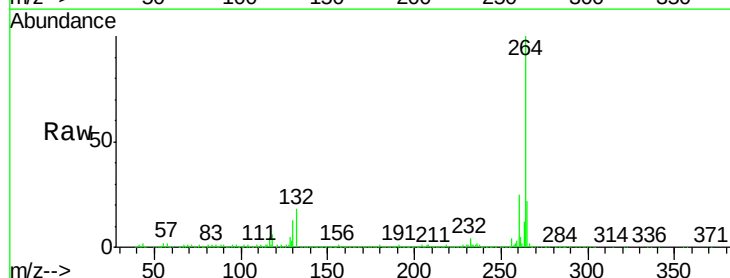


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF090012.D
 Acq: 7 Sep 2016 18:39

Tgt Ion:264 Resp: 397876
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 21.6 17.4 26.2



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

