

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090116.D
 Acq On : 16 Sep 2016 19:54
 Operator : UM/SJ
 Sample : H4813-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-14-15

Quant Time: Sep 16 22:59:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

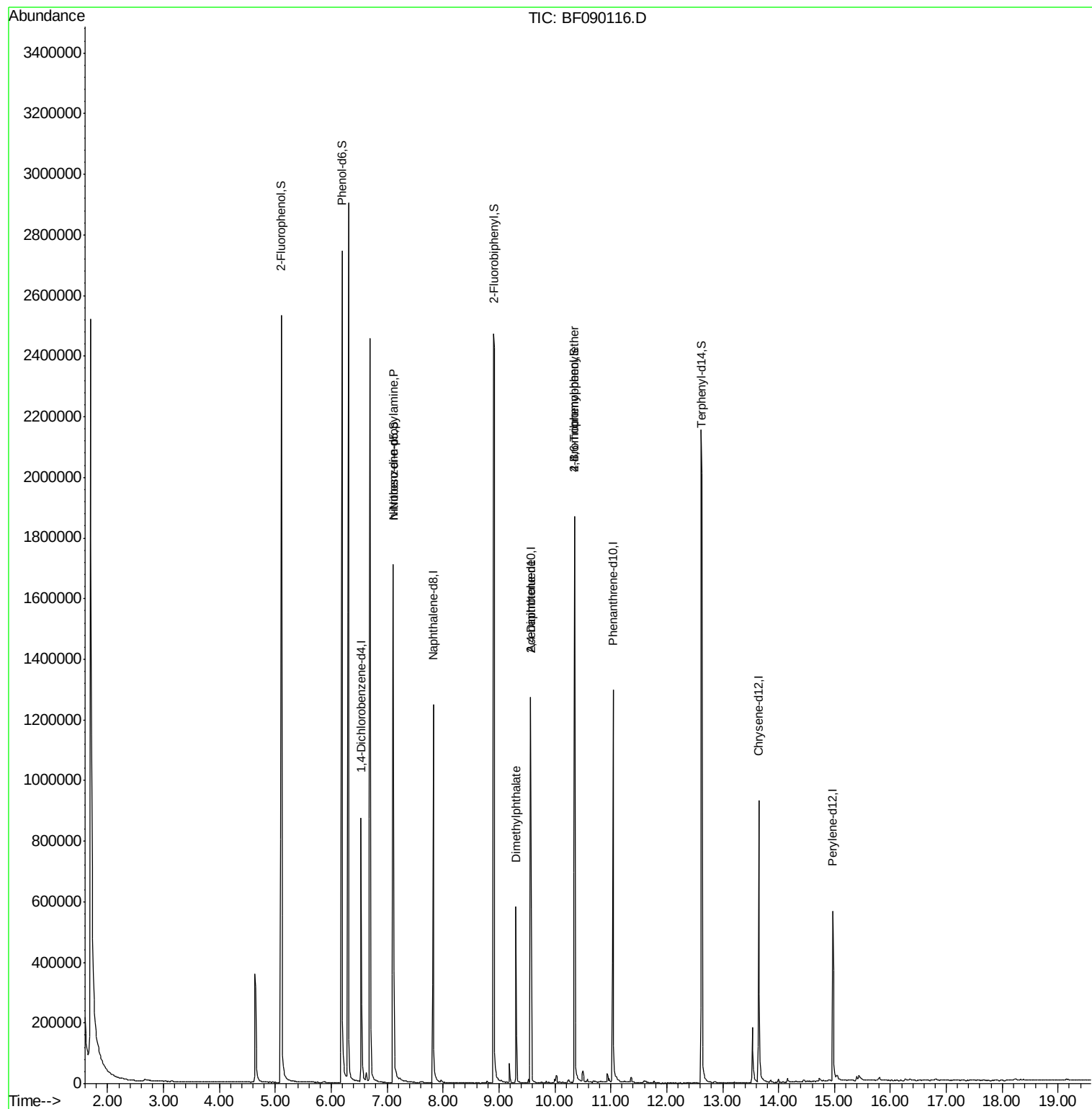
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	155512	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	652525	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	327583	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	540197	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	389084	20.00	ng	-0.02
86) Perylene-d12	14.97	264	296505	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	948565	98.10	ng	-0.01
7) Phenol-d6	6.19	99	1401253	110.69	ng	-0.01
23) Nitrobenzene-d5	7.11	82	723448	62.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	260034	79.02	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1351088	64.77	ng	-0.01
78) Terphenyl-d14	12.63	244	1109547	67.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	86864	11.04	ng	# 80
49) Dimethylphthalate	9.30	163	261929	10.77	ng	# 99
56) 2,4-Dinitrotoluene	9.56	165	41905	6.32	ng	# 15
66) 4-Bromophenyl-phenylether	10.35	248	15661	3.01	ng	# 1

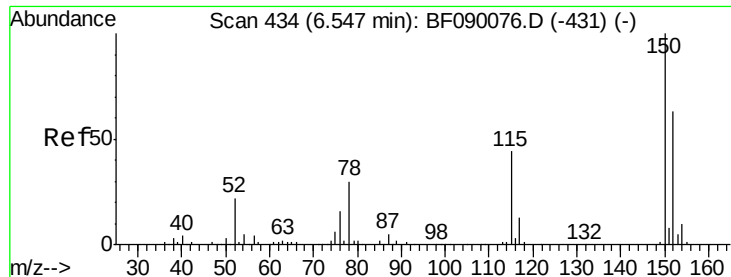
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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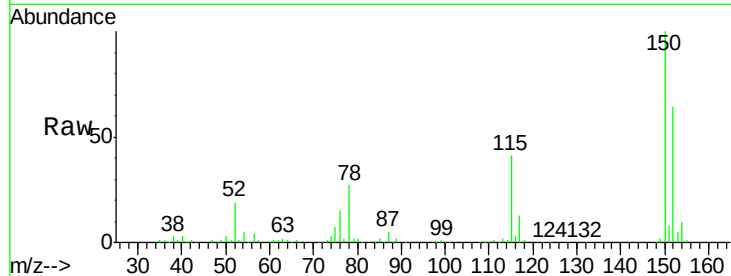


#1

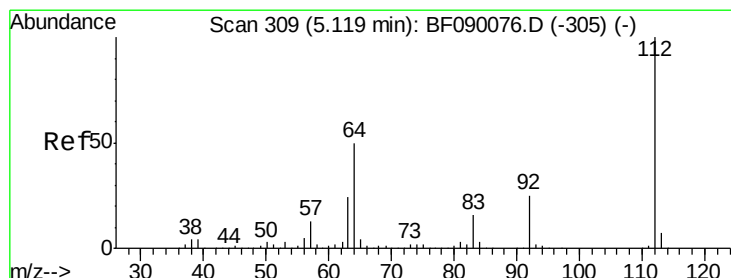
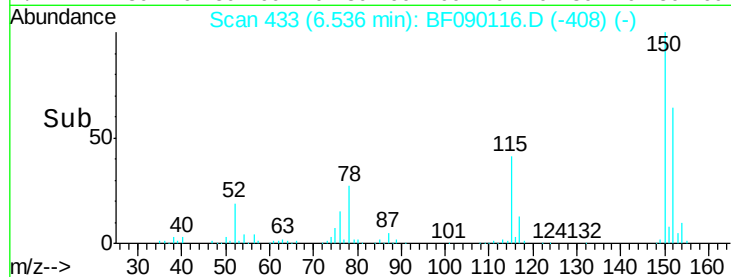
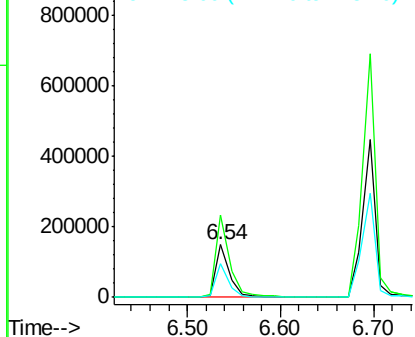
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-14-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.9	193.3
115	64.6	55.5	83.3



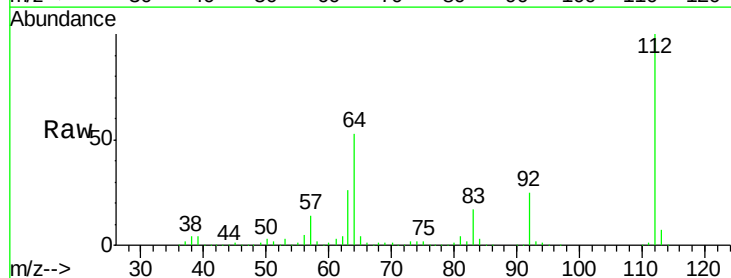
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



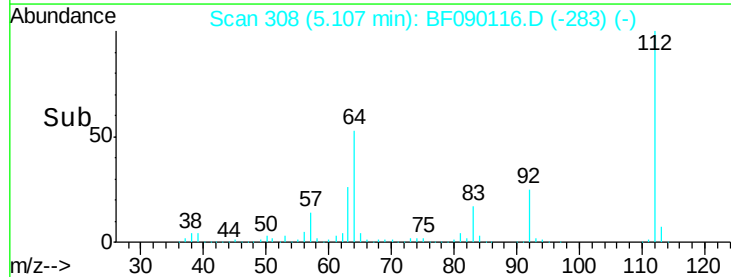
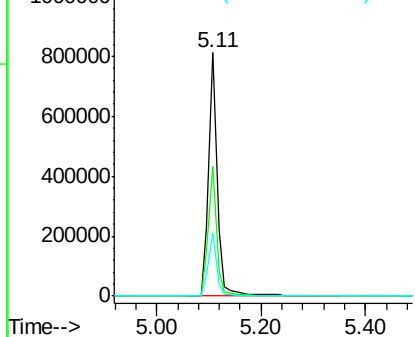
#5

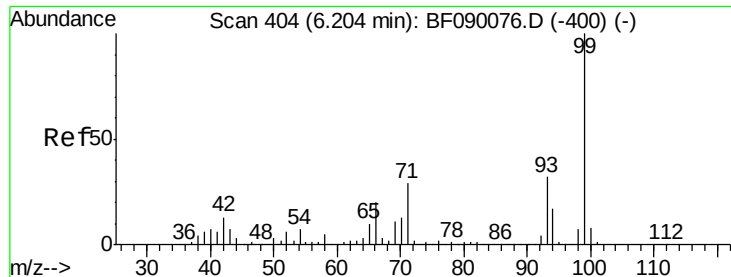
2-Fluorophenol
 Concen: 98.10 ng
 RT: 5.11 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	39.8	59.6
63	25.9	18.9	28.3



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: 110.69 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090116.D

Acq: 16 Sep 2016 19:54

Instrument :

BNA_F

ClientSampleId :

SB-5-14-15

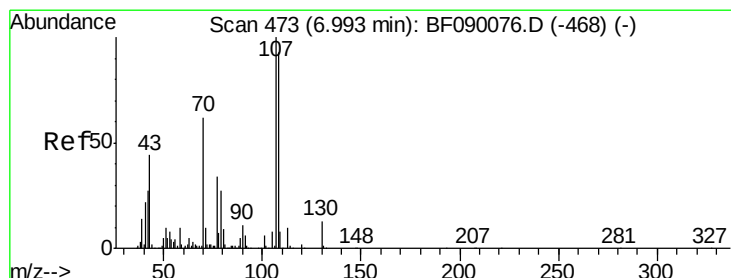
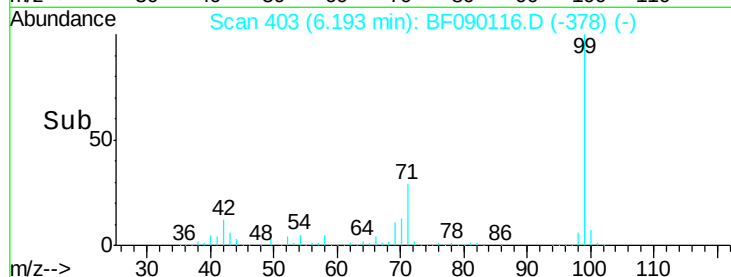
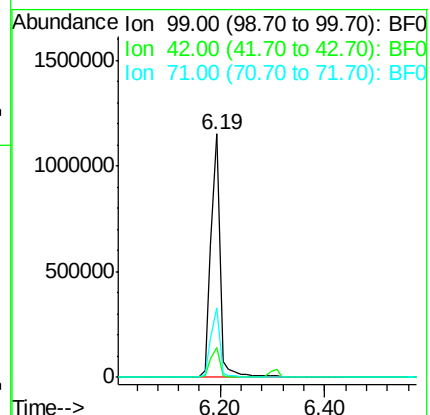
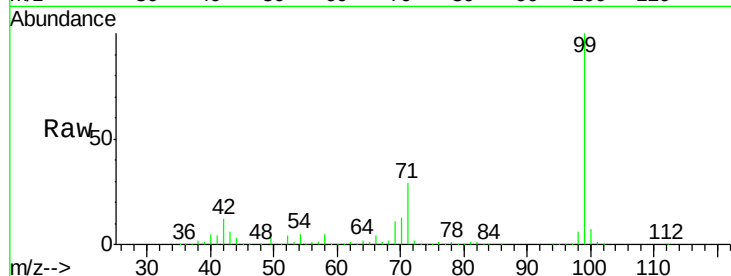
Tgt Ion: 99 Resp: 1401253

Ion Ratio Lower Upper

99 100

42 12.2 10.6 15.8

71 28.8 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.04 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF090116.D

Acq: 16 Sep 2016 19:54

Tgt Ion: 70 Resp: 86864

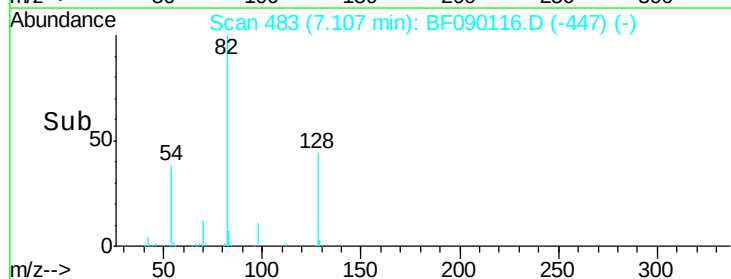
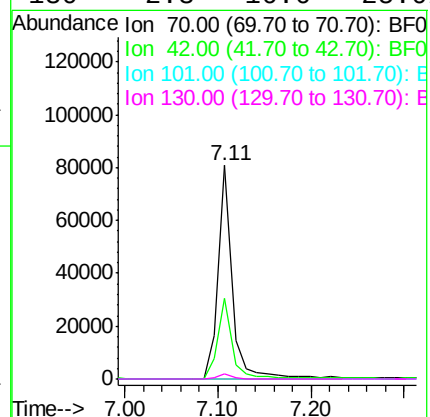
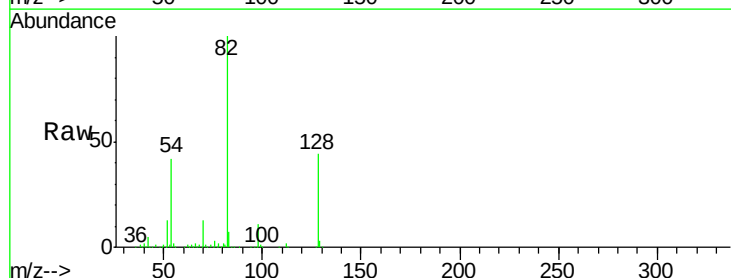
Ion Ratio Lower Upper

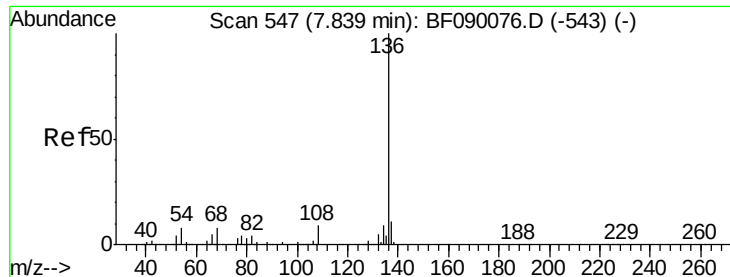
70 100

42 37.8 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

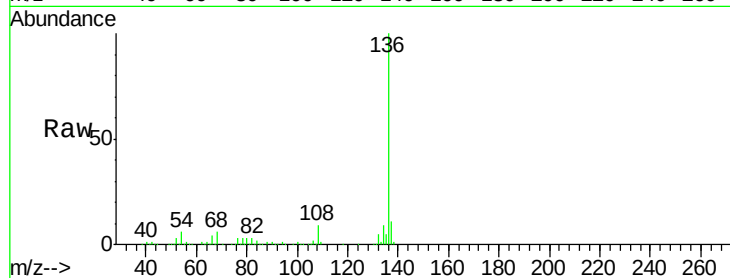




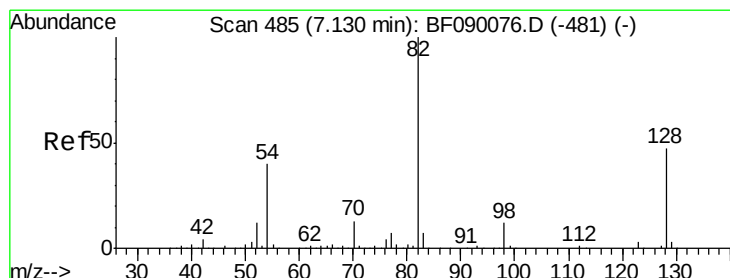
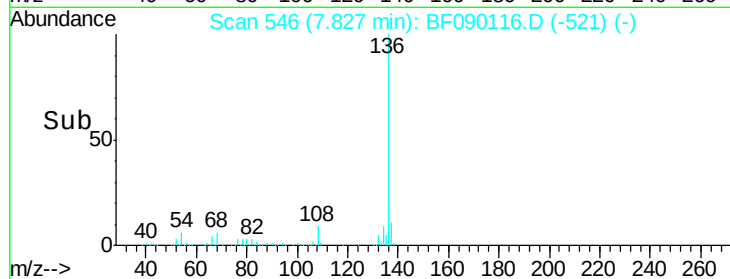
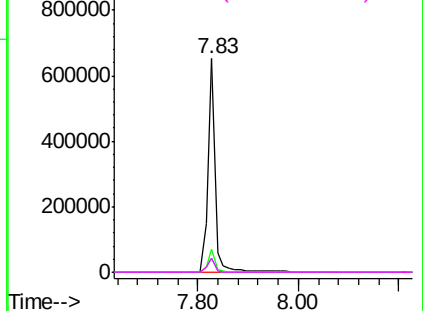
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF090116.D
Acq: 16 Sep 2016 19:54

Instrument :
BNA_F
ClientSampled :
SB-5-14-15

Tgt Ion:	136	Resp:	652525
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.4	6.4	9.6#
68	6.5	6.3	9.5

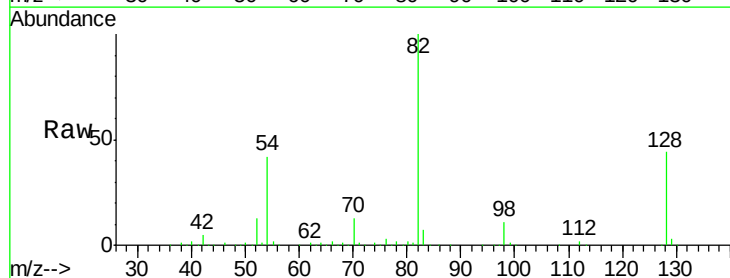


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

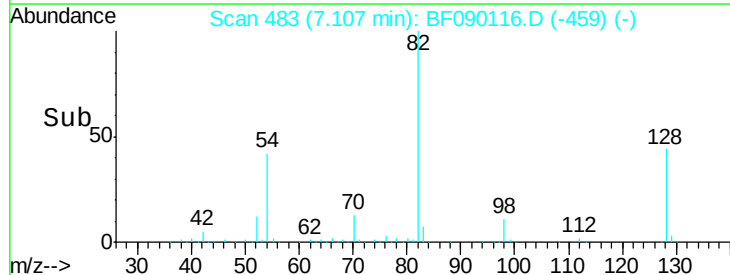
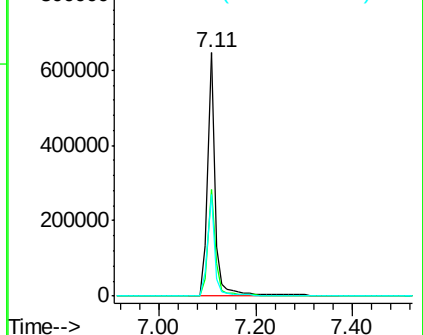


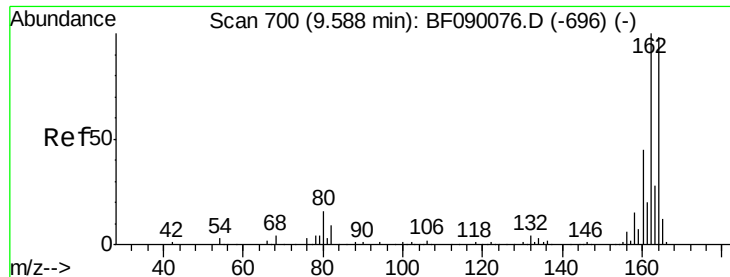
#23
Nitrobenzene-d5
Concen: 62.34 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF090116.D
Acq: 16 Sep 2016 19:54

Tgt Ion:	82	Resp:	723448
Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.5	56.3
54	41.7	31.9	47.9



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

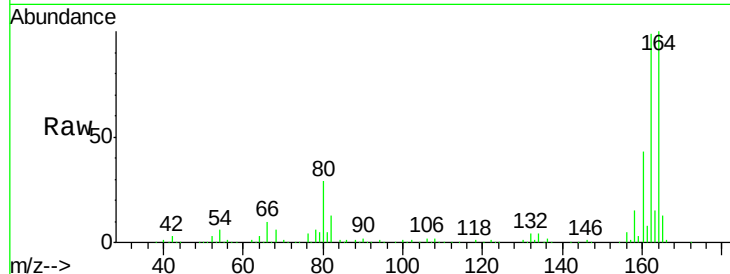




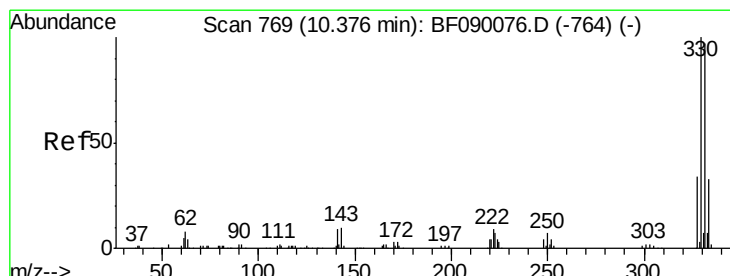
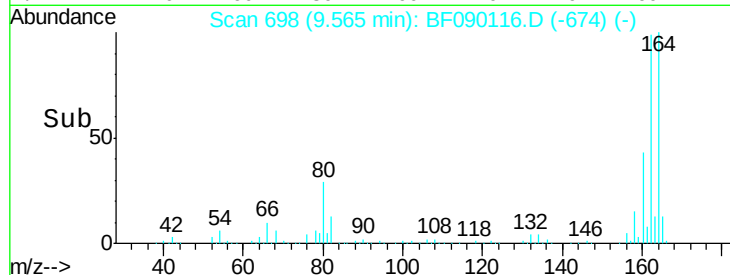
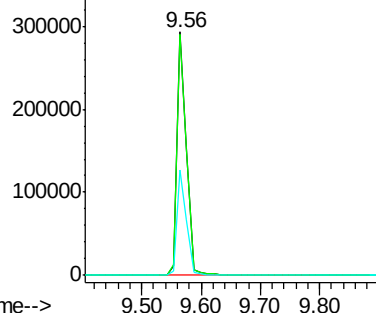
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-14-15

Tgt Ion:164 Resp: 327583
 Ion Ratio Lower Upper
 164 100
 162 98.8 81.4 122.2
 160 43.3 36.6 54.8

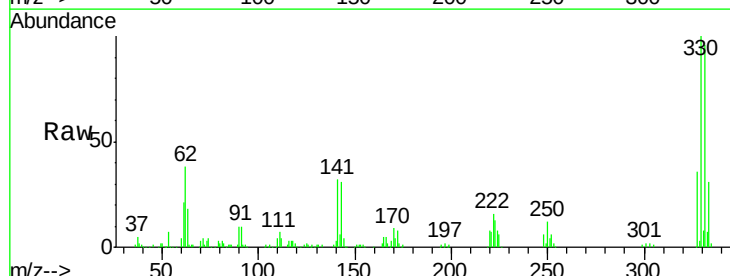


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

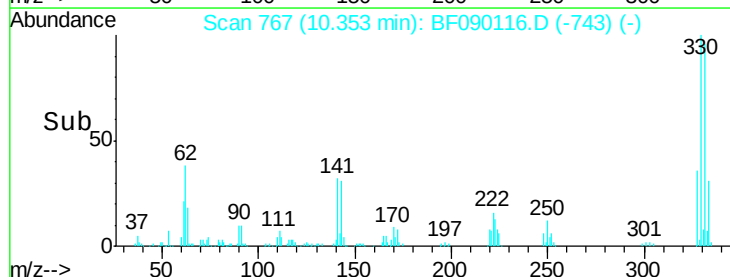
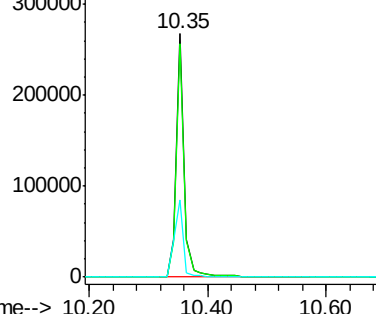


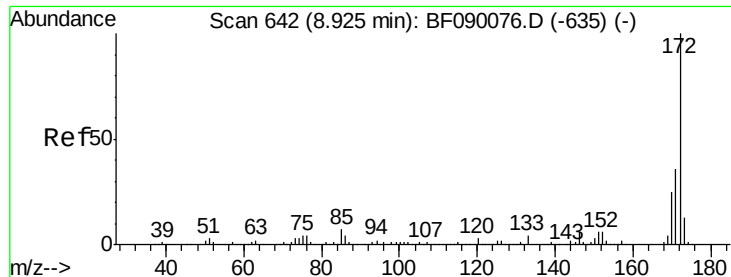
#41
 2,4,6-Tribromophenol
 Concen: 79.02 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

Tgt Ion:330 Resp: 260034
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.1 117.1
 141 36.6 23.9 35.9#



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

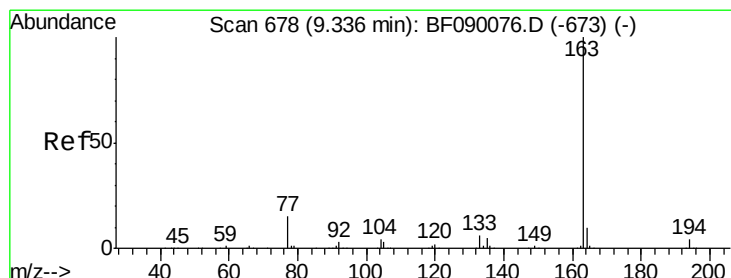
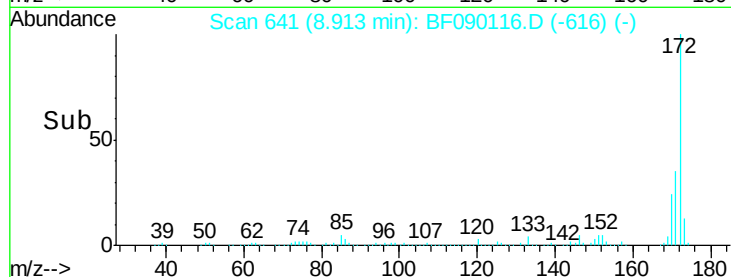
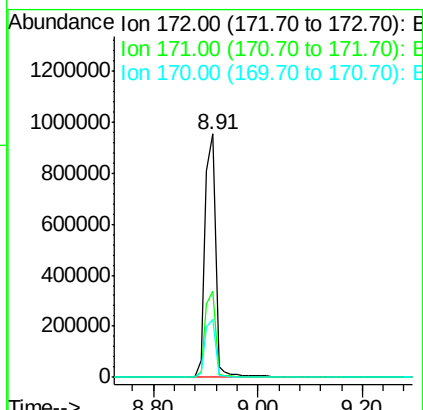
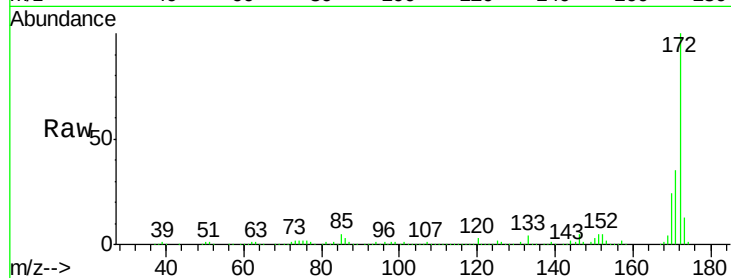




#44
 2-Fluorobiphenyl
 Concen: 64.77 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

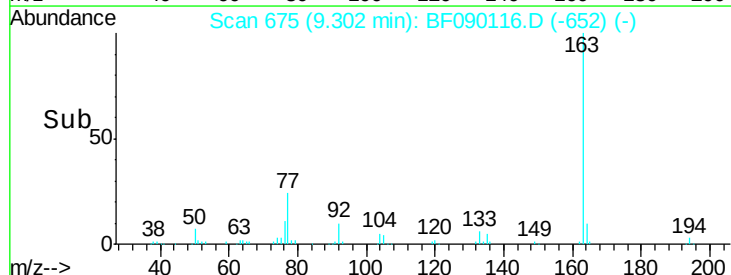
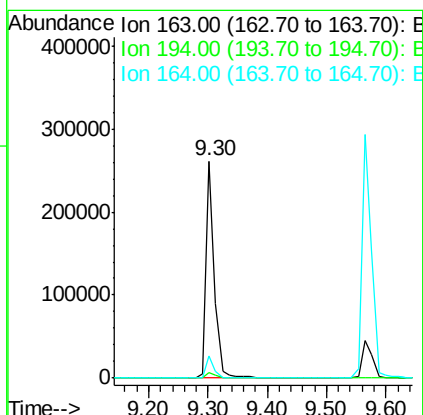
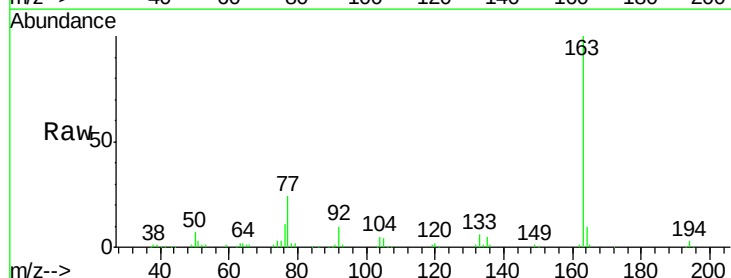
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-14-15

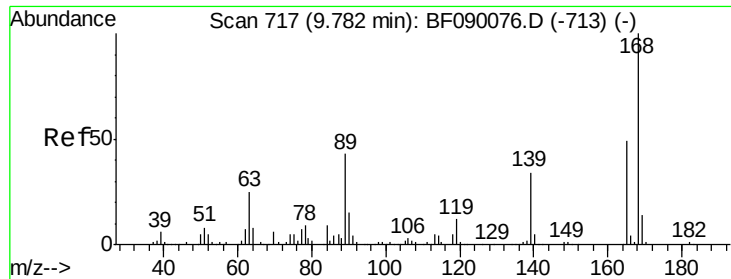
Tgt Ion:172 Resp: 1351088
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 23.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 10.77 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

Tgt Ion:163 Resp: 261929
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.8 4.2#
 164 10.4 8.1 12.1

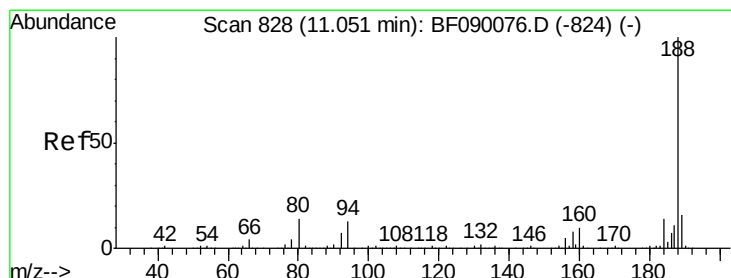
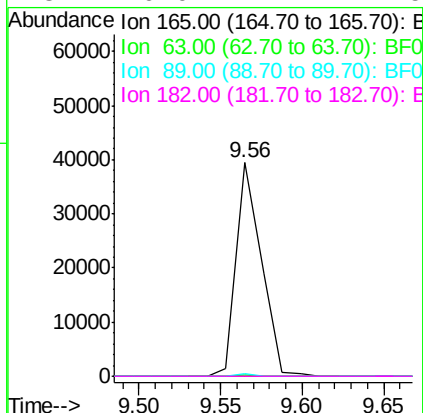
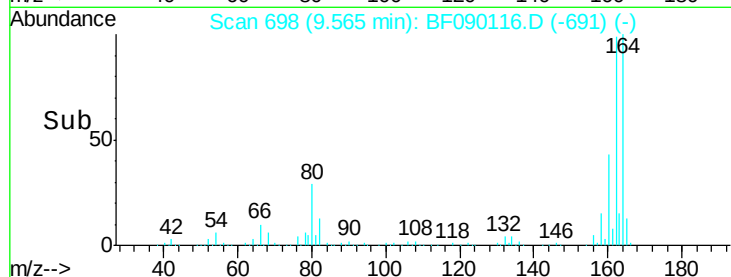
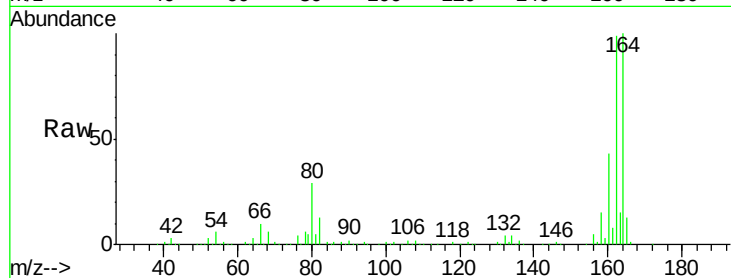




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.22 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

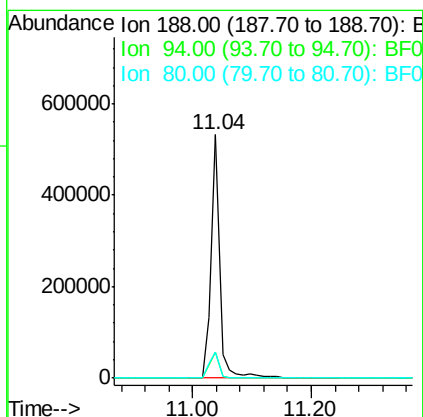
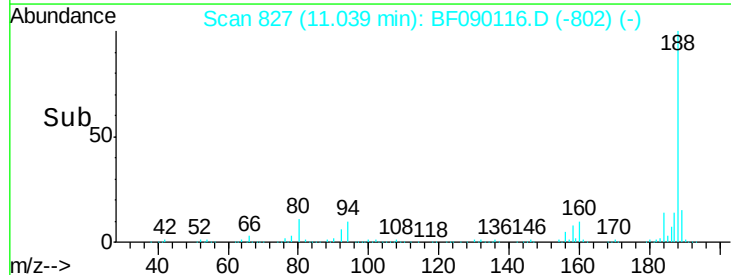
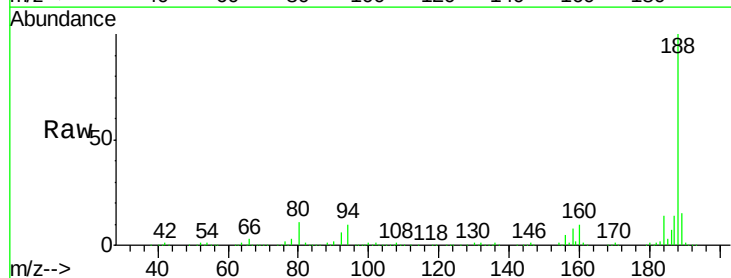
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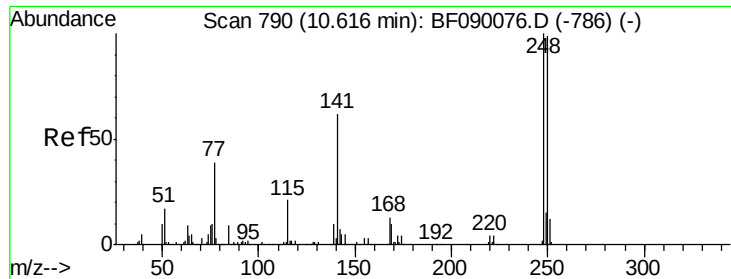
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	44.4	66.6#
89	1.2	70.1	105.1#
182	0.0	1.7	2.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090116.D
 Acq: 16 Sep 2016 19:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.5	15.7#
80	10.6	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.01 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.26 min

Lab File: BF090116.D

Acq: 16 Sep 2016 19:54

Instrument :

BNA_F

ClientSampleId :

SB-5-14-15

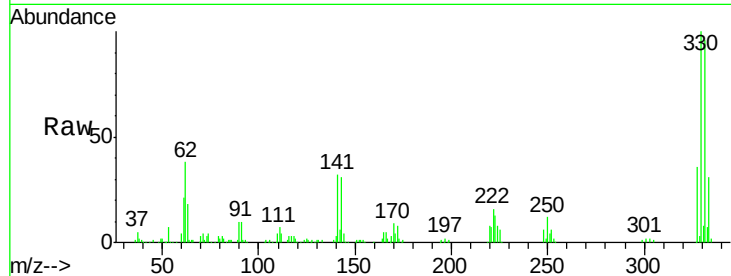
Tgt Ion:248 Resp: 15661

Ion Ratio Lower Upper

248 100

250 198.9 79.4 119.2#

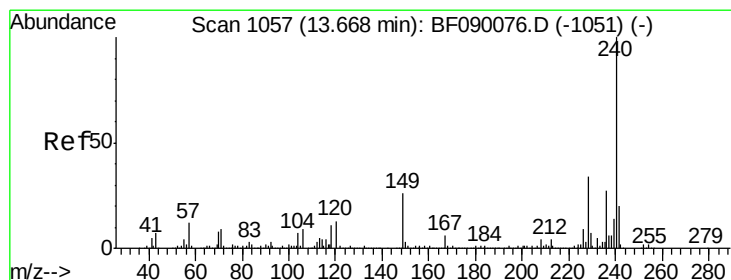
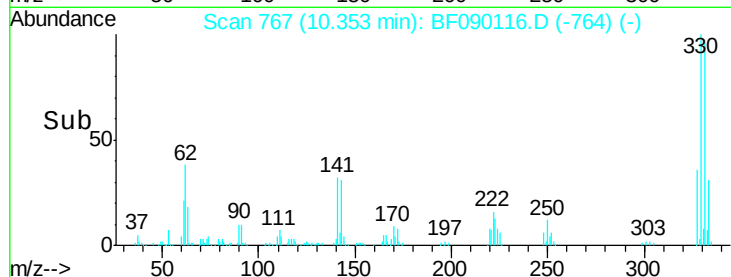
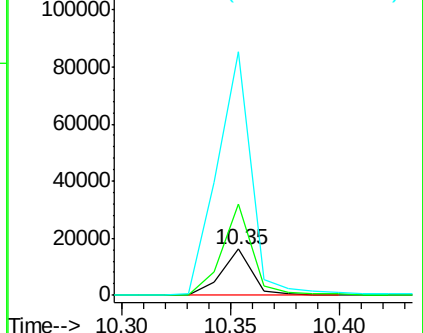
141 527.5 49.3 73.9#



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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090116.D

Acq: 16 Sep 2016 19:54

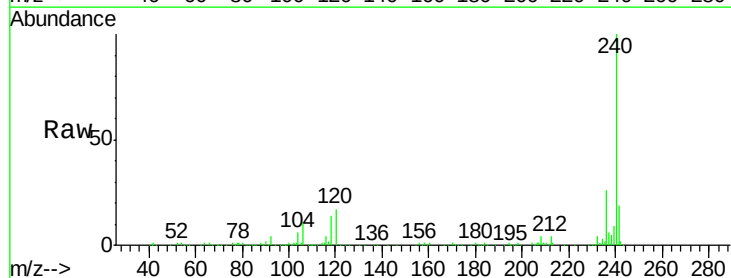
Tgt Ion:240 Resp: 389084

Ion Ratio Lower Upper

240 100

120 16.8 10.6 16.0#

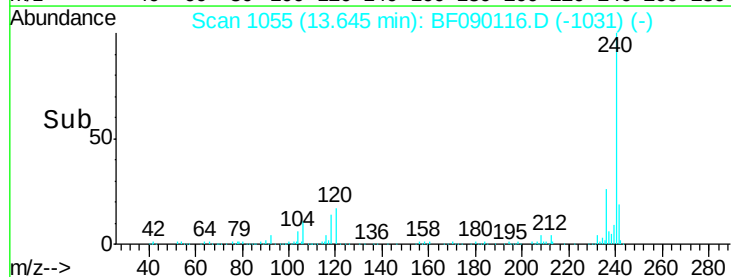
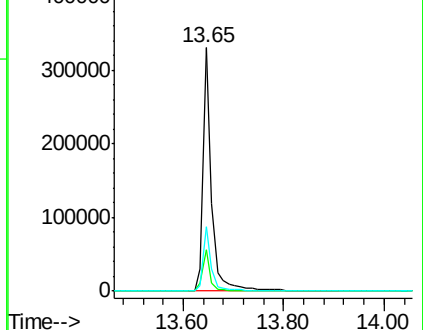
236 26.2 21.6 32.4

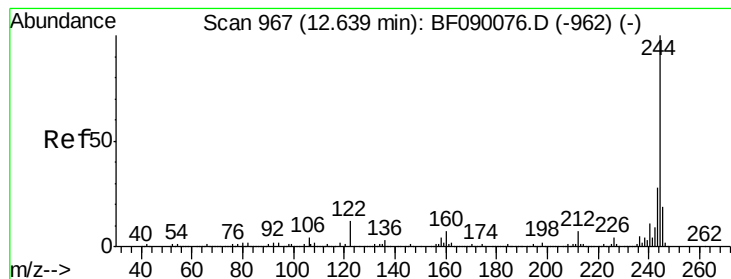


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.72 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090116.D

Acq: 16 Sep 2016 19:54

Instrument :

BNA_F

ClientSampleId :

SB-5-14-15

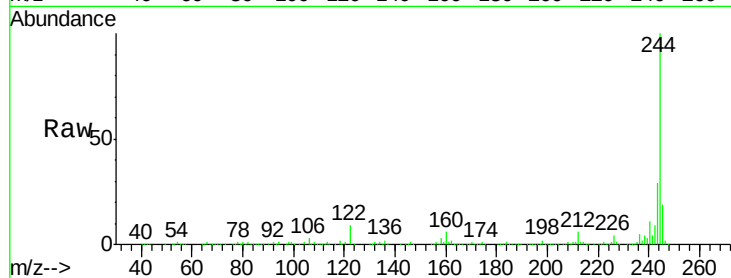
Tgt Ion:244 Resp: 1109547

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

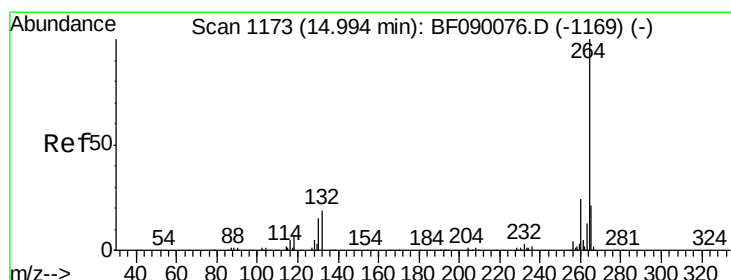
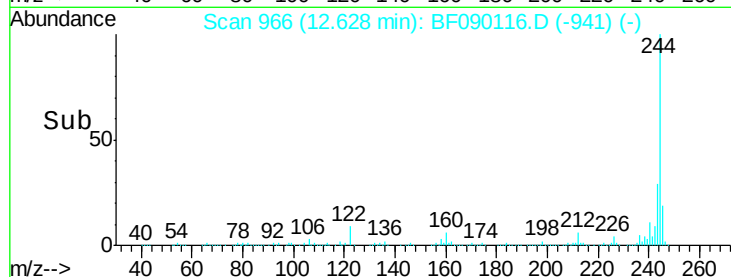
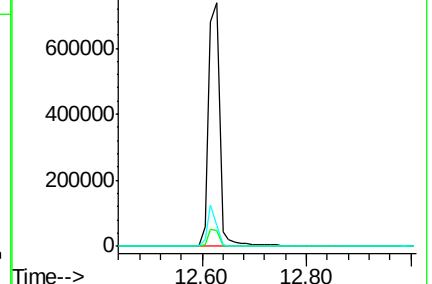
122 8.8 9.4 14.0#



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: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF090116.D

Acq: 16 Sep 2016 19:54

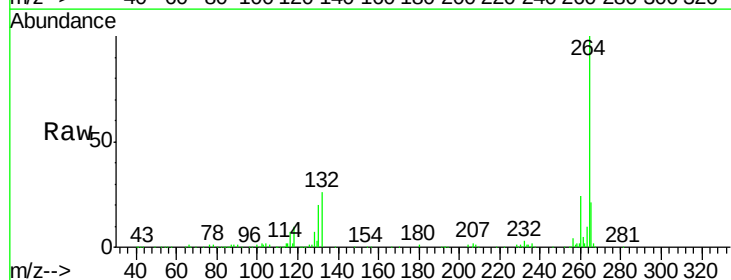
Tgt Ion:264 Resp: 296505

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.3 17.0 25.4



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

