

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090589.D
 Acq On : 15 Oct 2016 6:14
 Operator : UM/SJ
 Sample : H5263-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-D

Quant Time: Oct 15 06:41:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

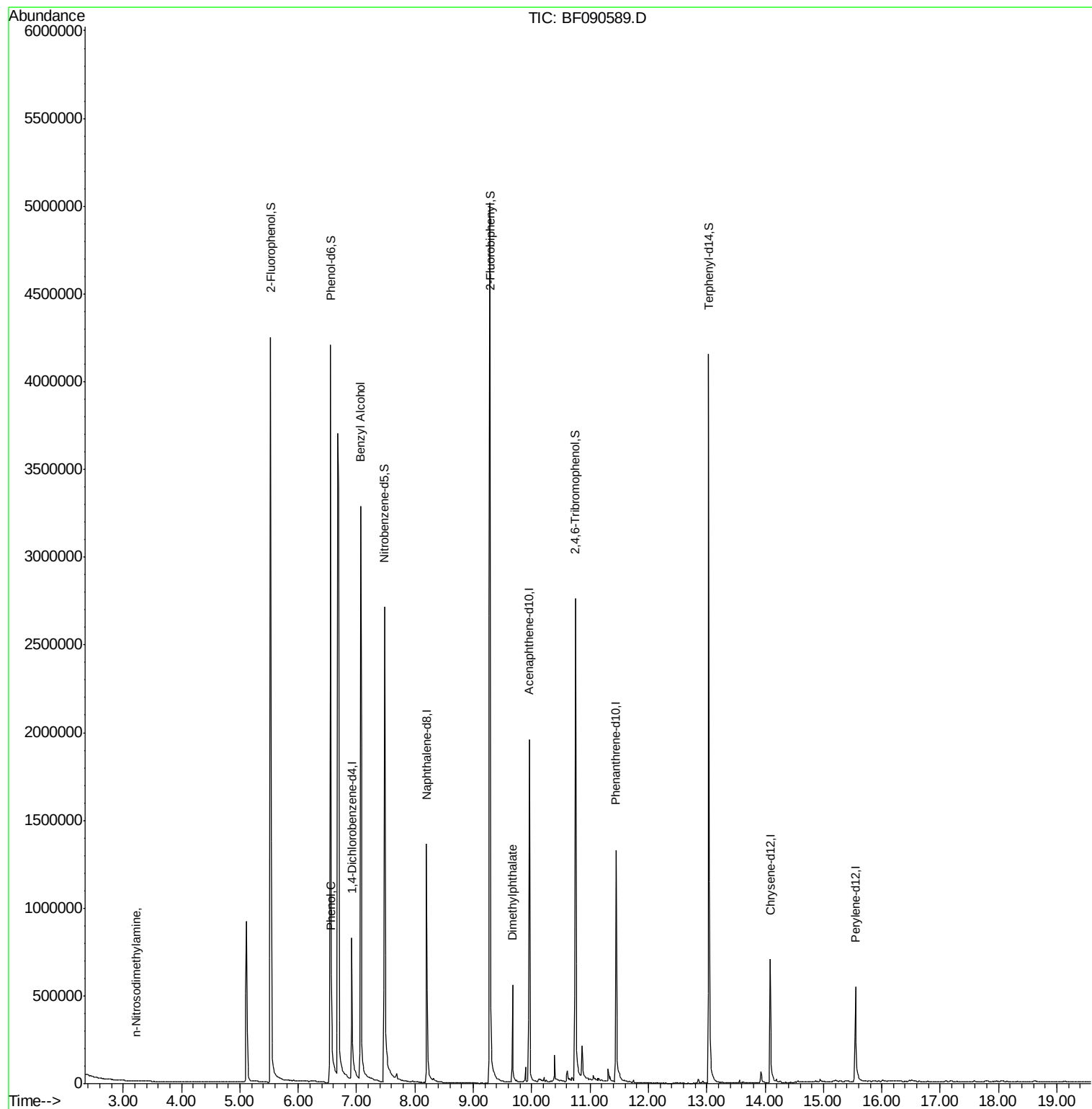
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	178893	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	768541	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	408004	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	566381	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	315565	20.00	ng	-0.01
86) Perylene-d12	15.55	264	291617	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1341917	137.52	ng	0.00
7) Phenol-d6	6.55	99	2048376	141.27	ng	0.00
23) Nitrobenzene-d5	7.48	82	1254379	90.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	326264	89.69	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	2027482	81.88	ng	0.00
78) Terphenyl-d14	13.03	244	1423418	105.03	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.23	42	272	7.22	ng	Qvalue # 1
10) Phenol	6.57	94	40122	2.42	ng	85
15) Benzyl Alcohol	7.07	79	20864	2.11	ng	# 52
49) Dimethylphthalate	9.67	163	228451	8.63	ng	98

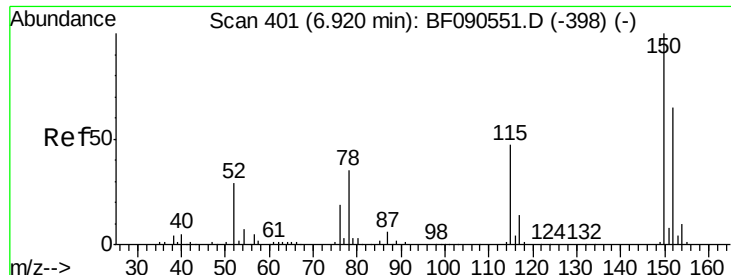
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

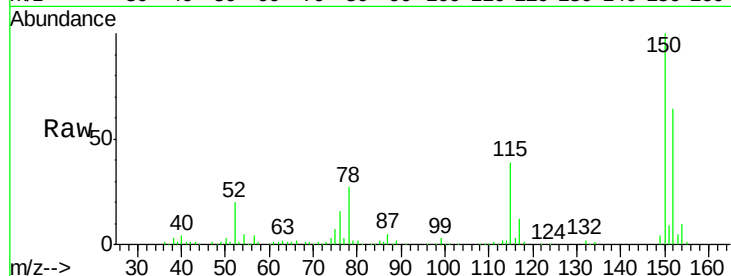
Tgt Ion: 152 Resp: 178893

Ion Ratio Lower Upper

152 100

150 155.4 127.2 190.8

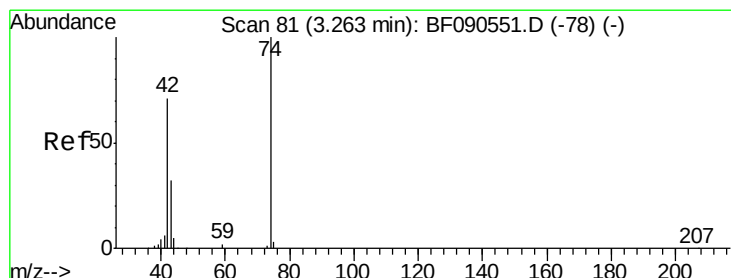
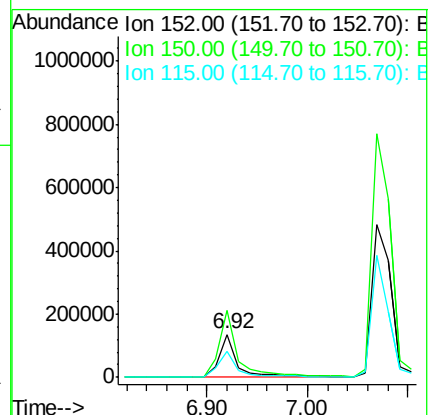
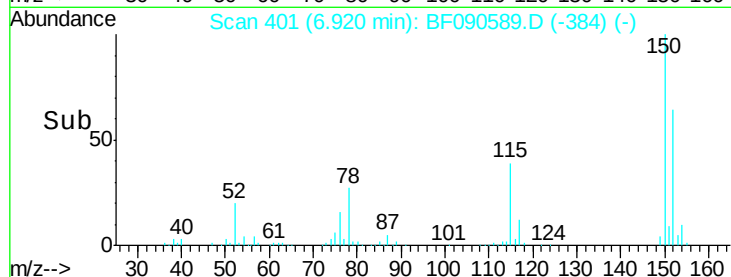
115 61.3 58.6 88.0



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



#4

n-Nitrosodimethylamine

Concen: 7.22 ng

RT: 3.23 min Scan# 78

Delta R.T. -0.03 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

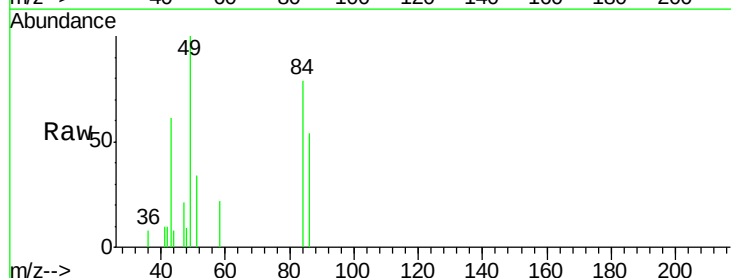
Tgt Ion: 42 Resp: 272

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

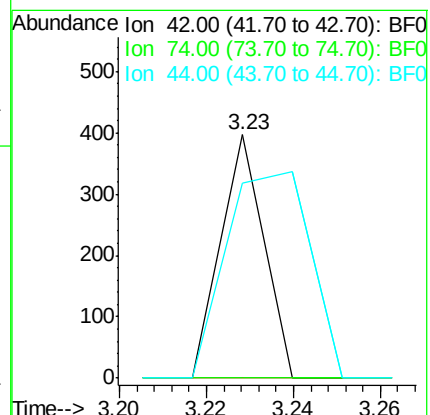
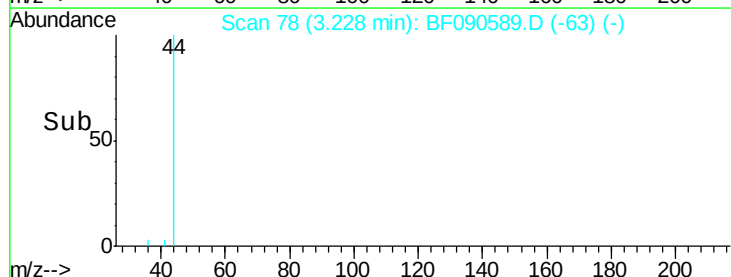
44 80.1 6.0 9.0#

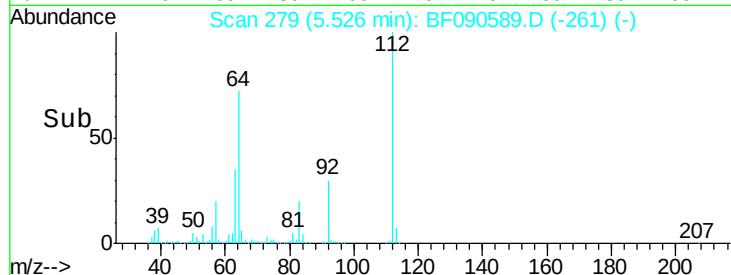
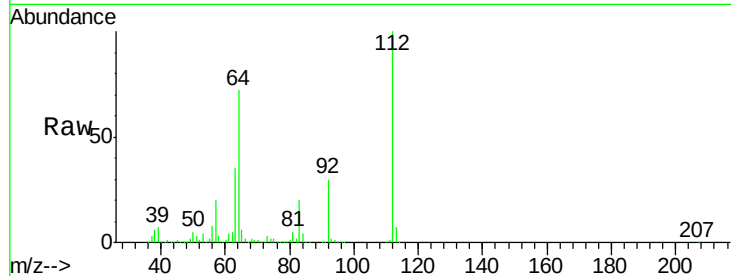
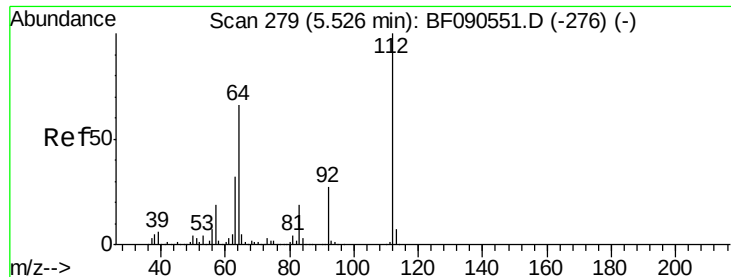


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.52 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

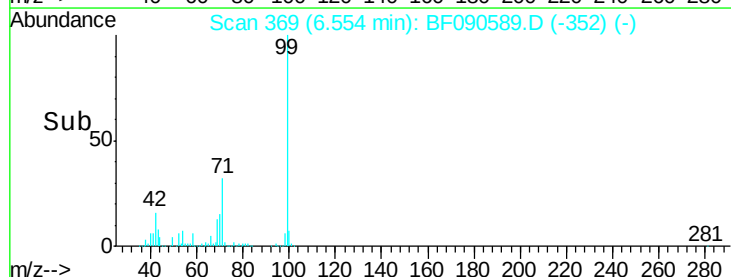
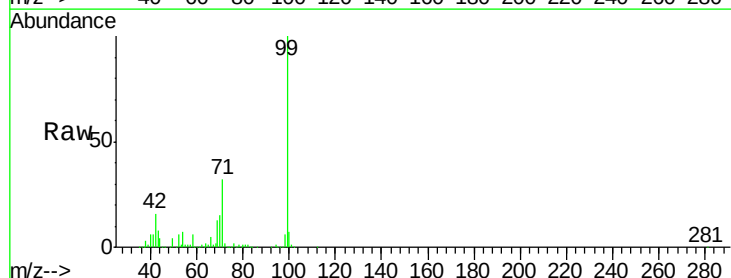
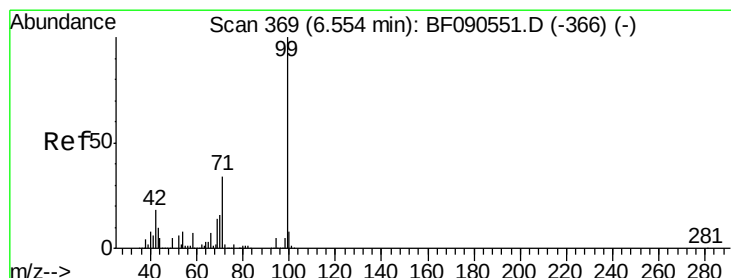
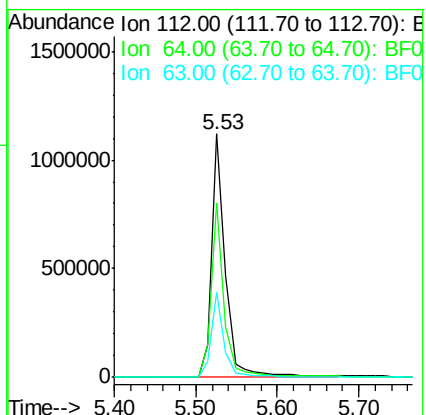
Tgt Ion:112 Resp: 1341917

Ion Ratio Lower Upper

112 100

64 71.7 52.6 78.8

63 34.9 26.0 39.0



#7

Phenol-d6

Concen: 141.27 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

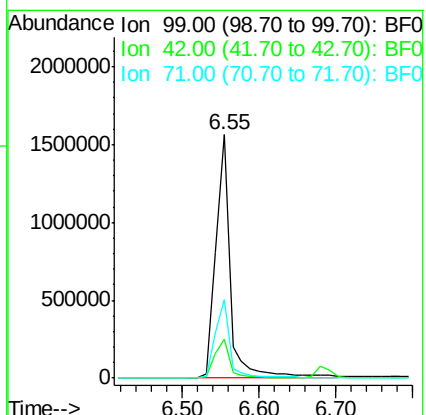
Tgt Ion: 99 Resp: 2048376

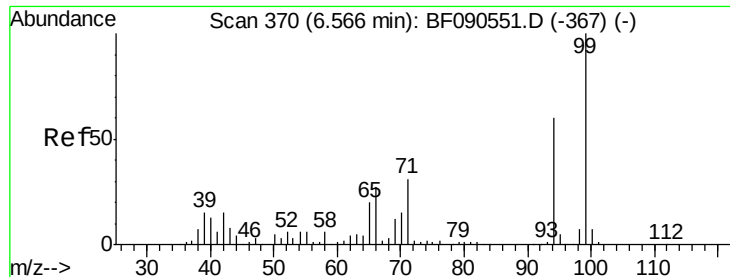
Ion Ratio Lower Upper

99 100

42 15.9 14.7 22.1

71 32.4 27.6 41.4





#10

Phenol

Concen: 2.42 ng

RT: 6.57 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

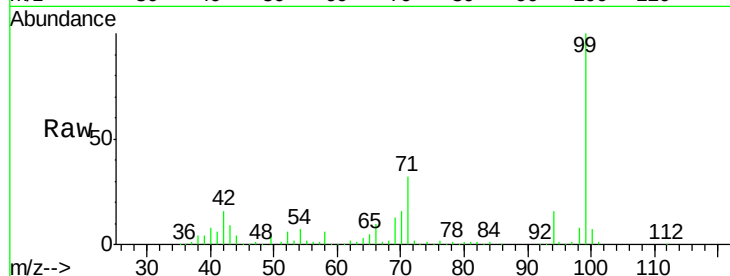
Tgt Ion: 94 Resp: 40122

Ion Ratio Lower Upper

94 100

65 32.7 12.5 52.5

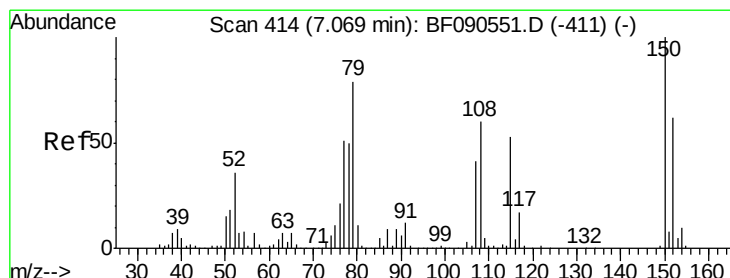
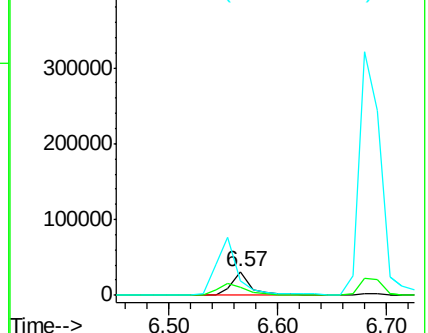
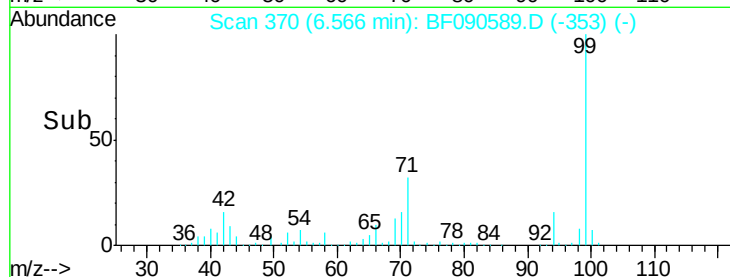
66 62.8 25.5 65.5



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.07 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

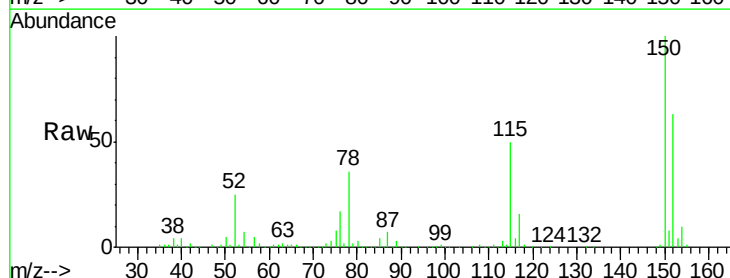
Tgt Ion: 79 Resp: 20864

Ion Ratio Lower Upper

79 100

108 25.7 60.2 90.4#

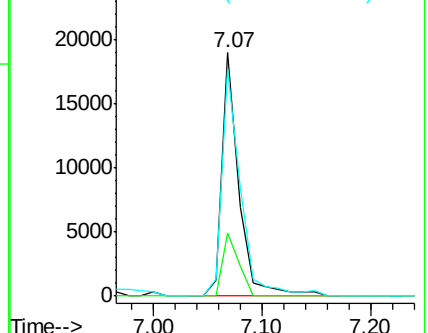
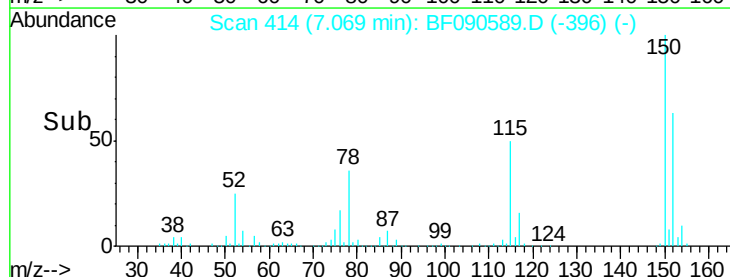
77 93.2 52.0 78.0#

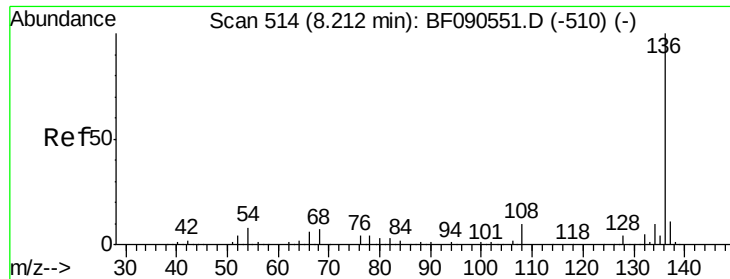


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

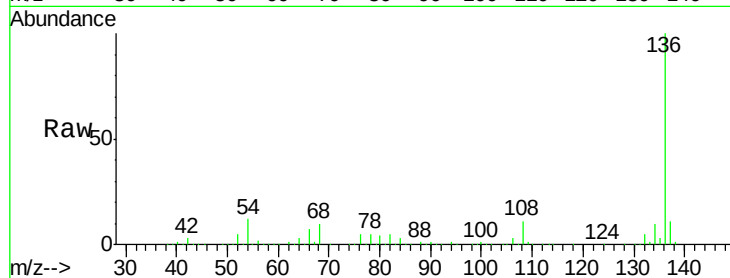




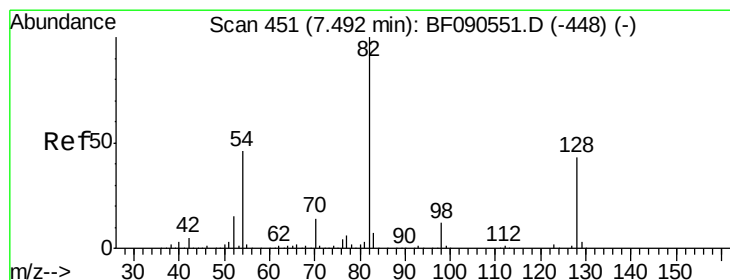
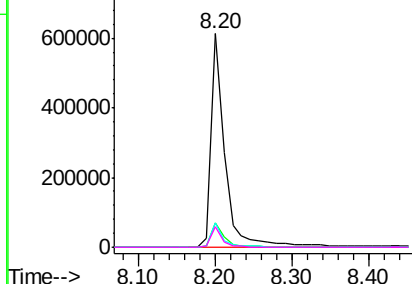
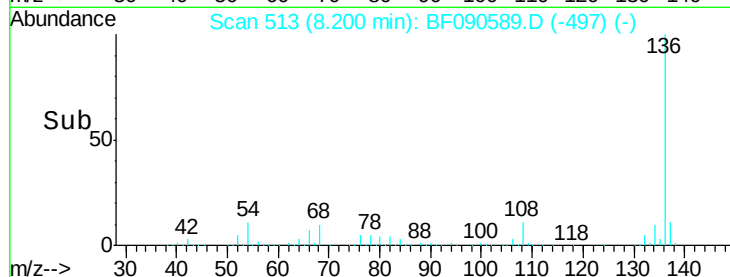
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090589.D
Acq: 15 Oct 2016 6:14

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FK-BPM-02-001-D

Tgt Ion:	136	Resp:	768541
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.6	6.8	10.2#
68	9.5	6.0	9.0#

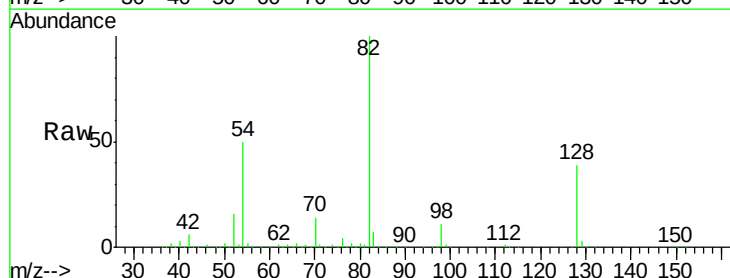


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

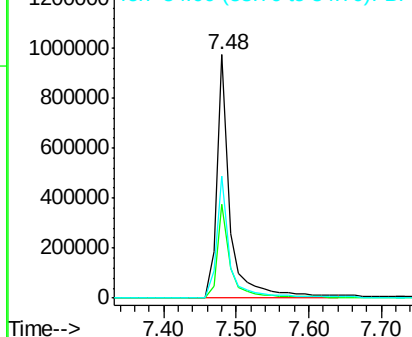
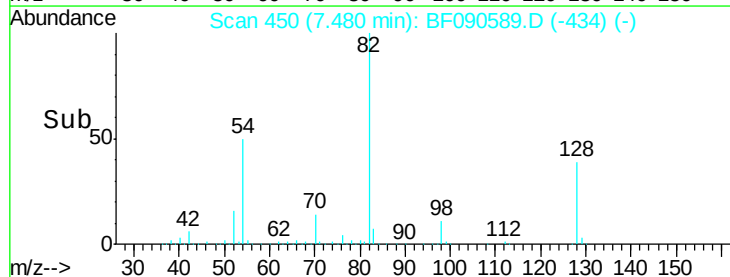


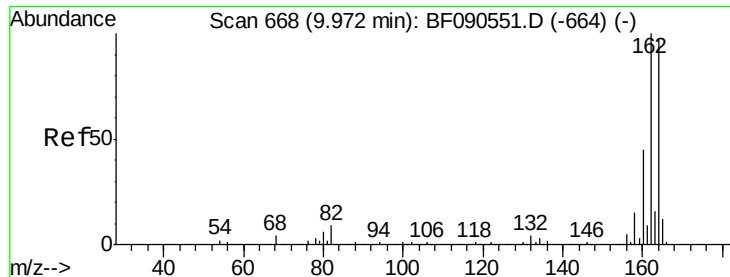
#23
Nitrobenzene-d5
Concen: 90.67 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090589.D
Acq: 15 Oct 2016 6:14

Tgt Ion:	82	Resp:	1254379
Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.3	51.5
54	49.9	37.0	55.6



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

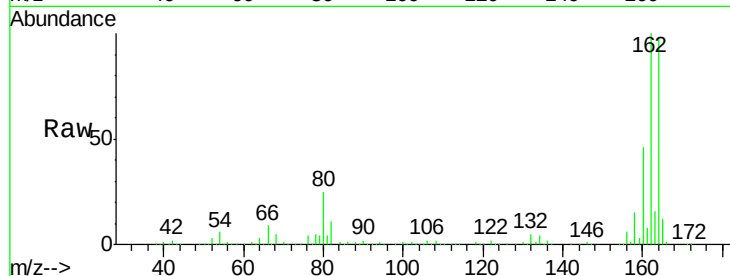




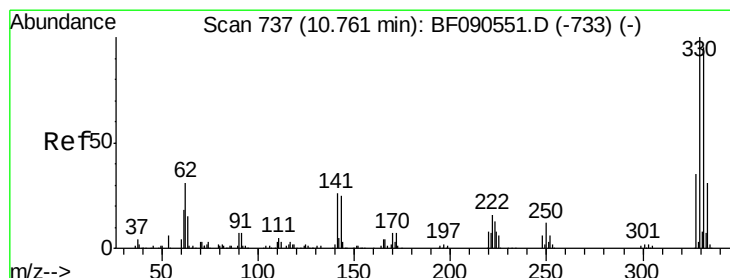
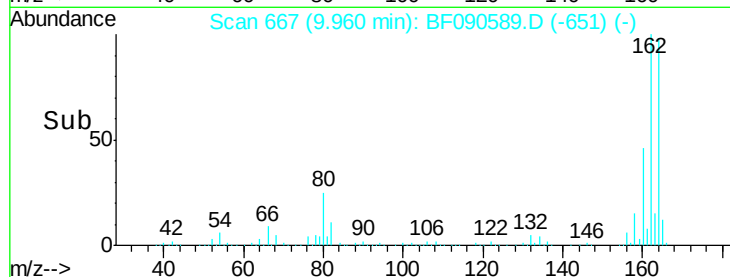
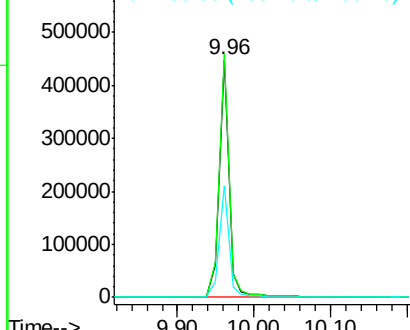
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090589.D
 Acq: 15 Oct 2016 6:14

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-D

Tgt Ion:164 Resp: 408004
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.2 123.4
 160 47.1 36.6 55.0

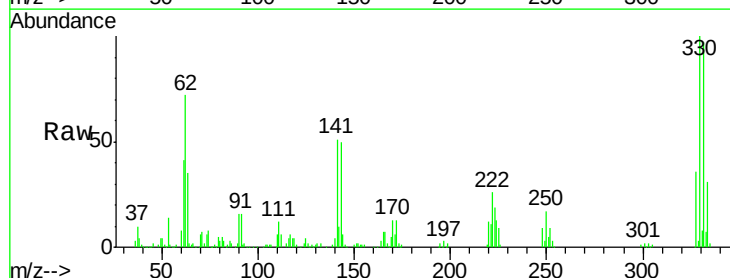


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

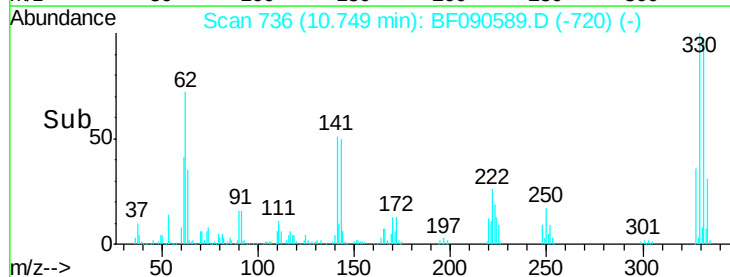
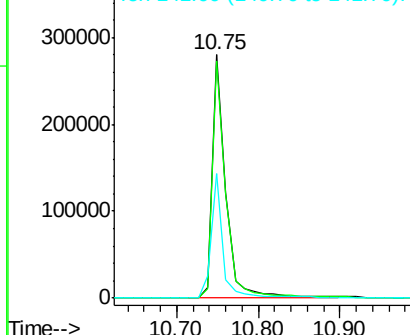


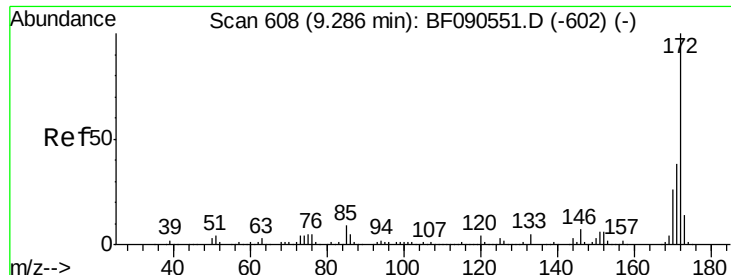
#41
 2,4,6-Tribromophenol
 Concen: 89.69 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090589.D
 Acq: 15 Oct 2016 6:14

Tgt Ion:330 Resp: 326264
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.2
 141 46.3 31.4 47.2



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

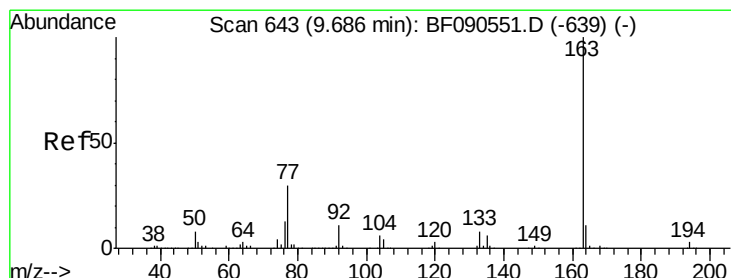
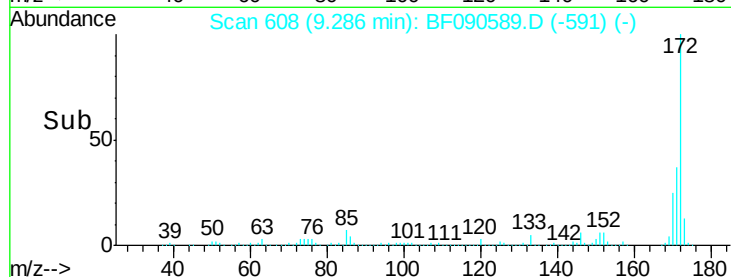
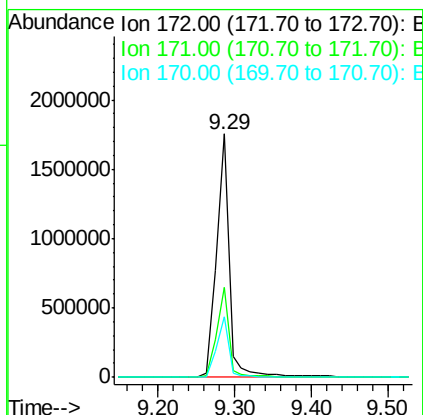
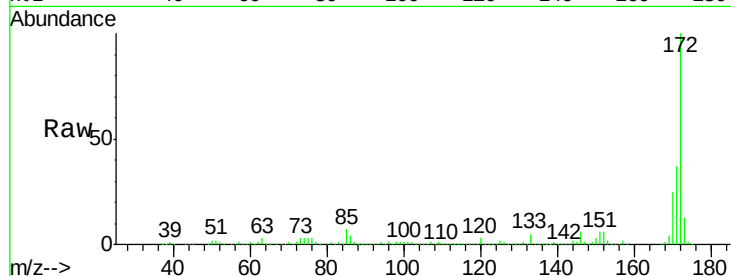




#44
2-Fluorobiphenyl
Concen: 81.88 ng
RT: 9.29 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF090589.D
Acq: 15 Oct 2016 6:14

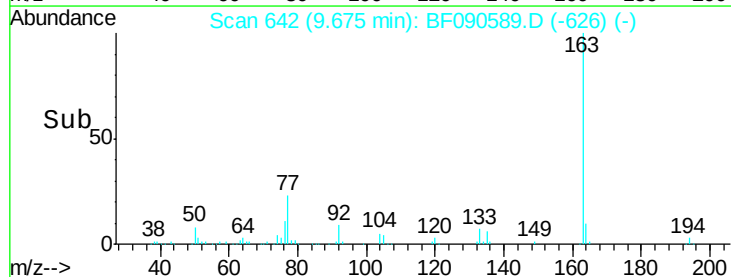
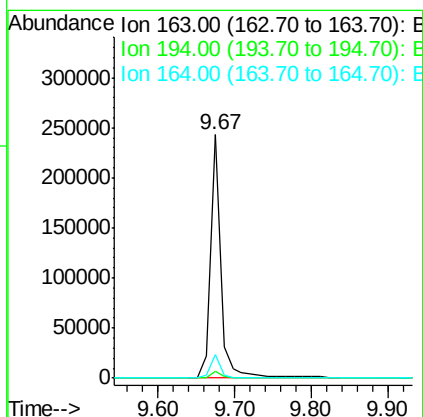
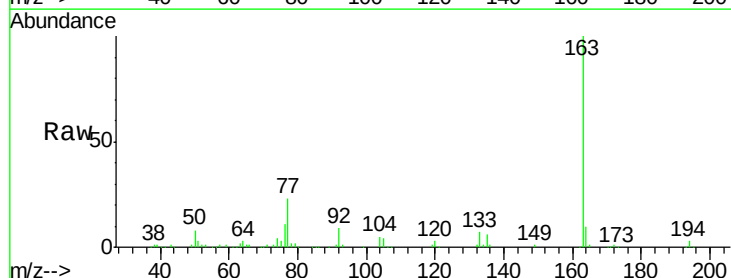
Instrument :
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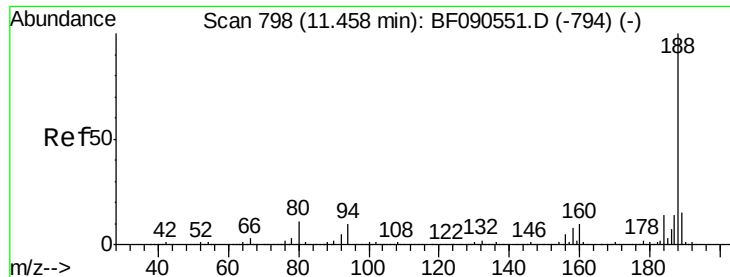
Tgt Ion:172 Resp: 2027482
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 25.1 20.6 30.8



#49
Dimethylphthalate
Concen: 8.63 ng
RT: 9.67 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF090589.D
Acq: 15 Oct 2016 6:14

Tgt Ion:163 Resp: 228451
Ion Ratio Lower Upper
163 100
194 3.0 2.3 3.5
164 9.9 8.6 13.0

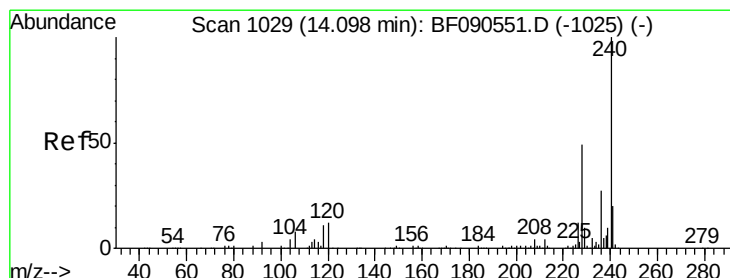
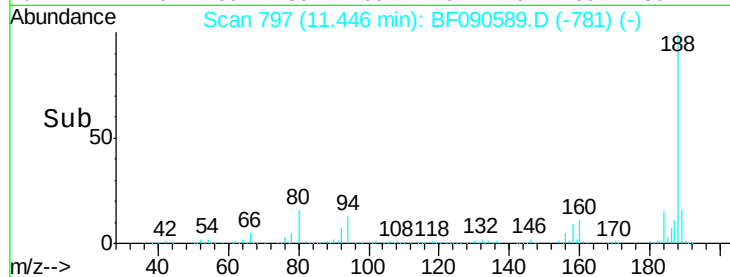
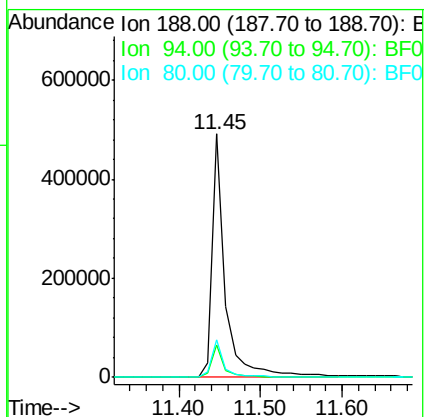
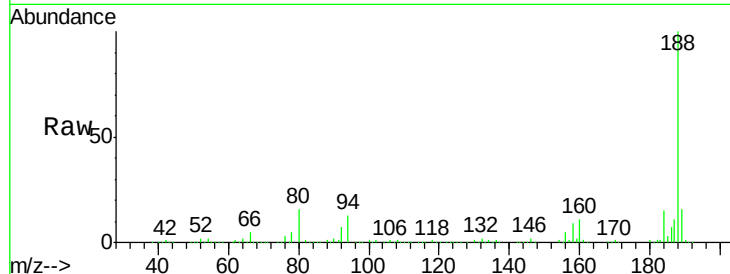




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090589.D
Acq: 15 Oct 2016 6:14

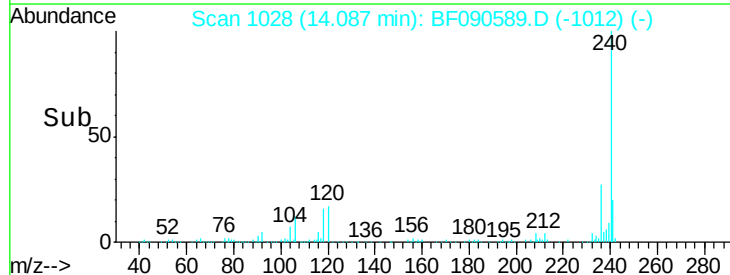
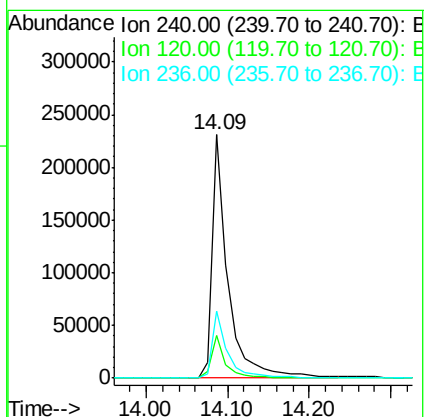
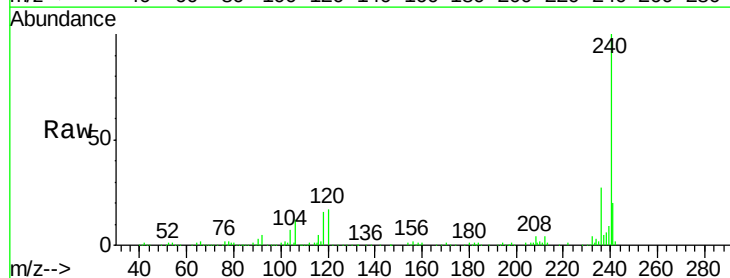
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-D

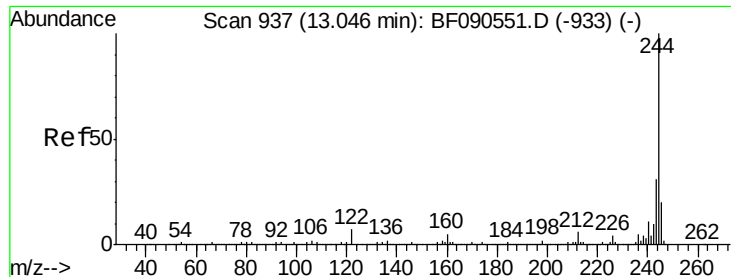
Tgt Ion:188 Resp: 566381
Ion Ratio Lower Upper
188 100
94 13.5 7.7 11.5#
80 15.6 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF090589.D
Acq: 15 Oct 2016 6:14

Tgt Ion:240 Resp: 315565
Ion Ratio Lower Upper
240 100
120 17.5 9.8 14.8#
236 27.5 21.7 32.5





#78

Terphenyl-d14

Concen: 105.03 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-D

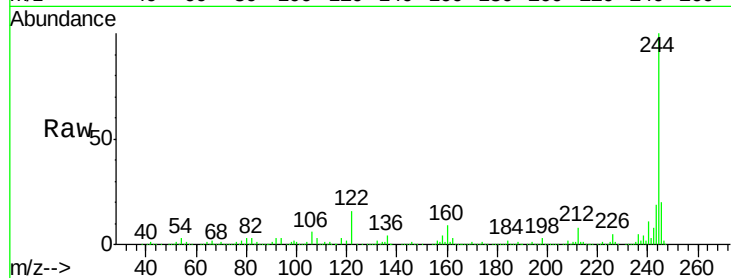
Tgt Ion:244 Resp: 1423418

Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

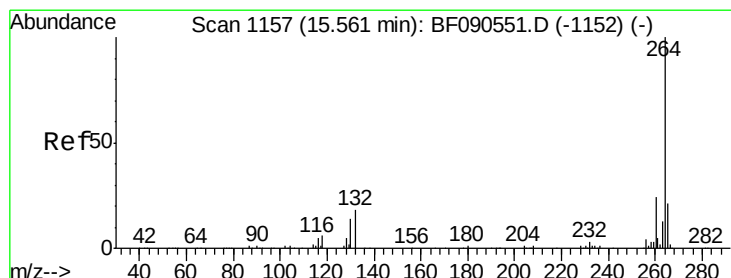
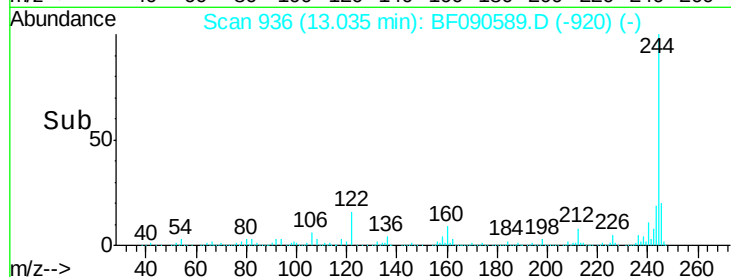
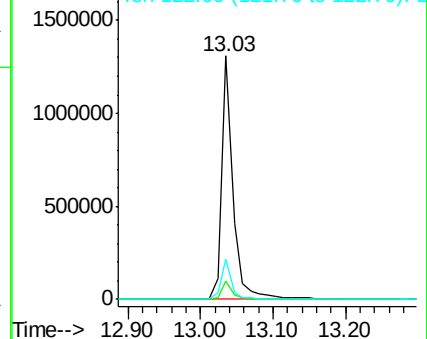
122 16.4 5.6 8.4#



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: 15.55 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF090589.D

Acq: 15 Oct 2016 6:14

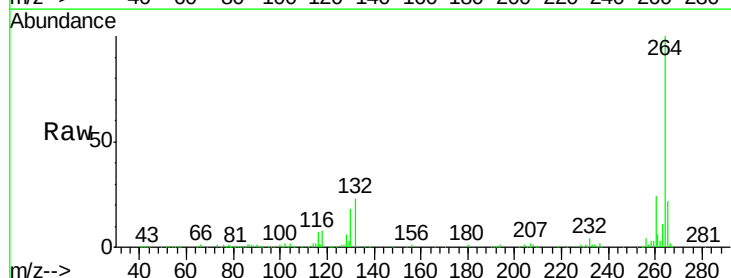
Tgt Ion:264 Resp: 291617

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.0 16.7 25.1



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

