

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090439.D
 Acq On : 7 Oct 2016 12:12
 Operator : UM/SJ
 Sample : H5121-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Quant Time: Oct 07 13:55:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 13:55:49 2016
 Response via : Initial Calibration

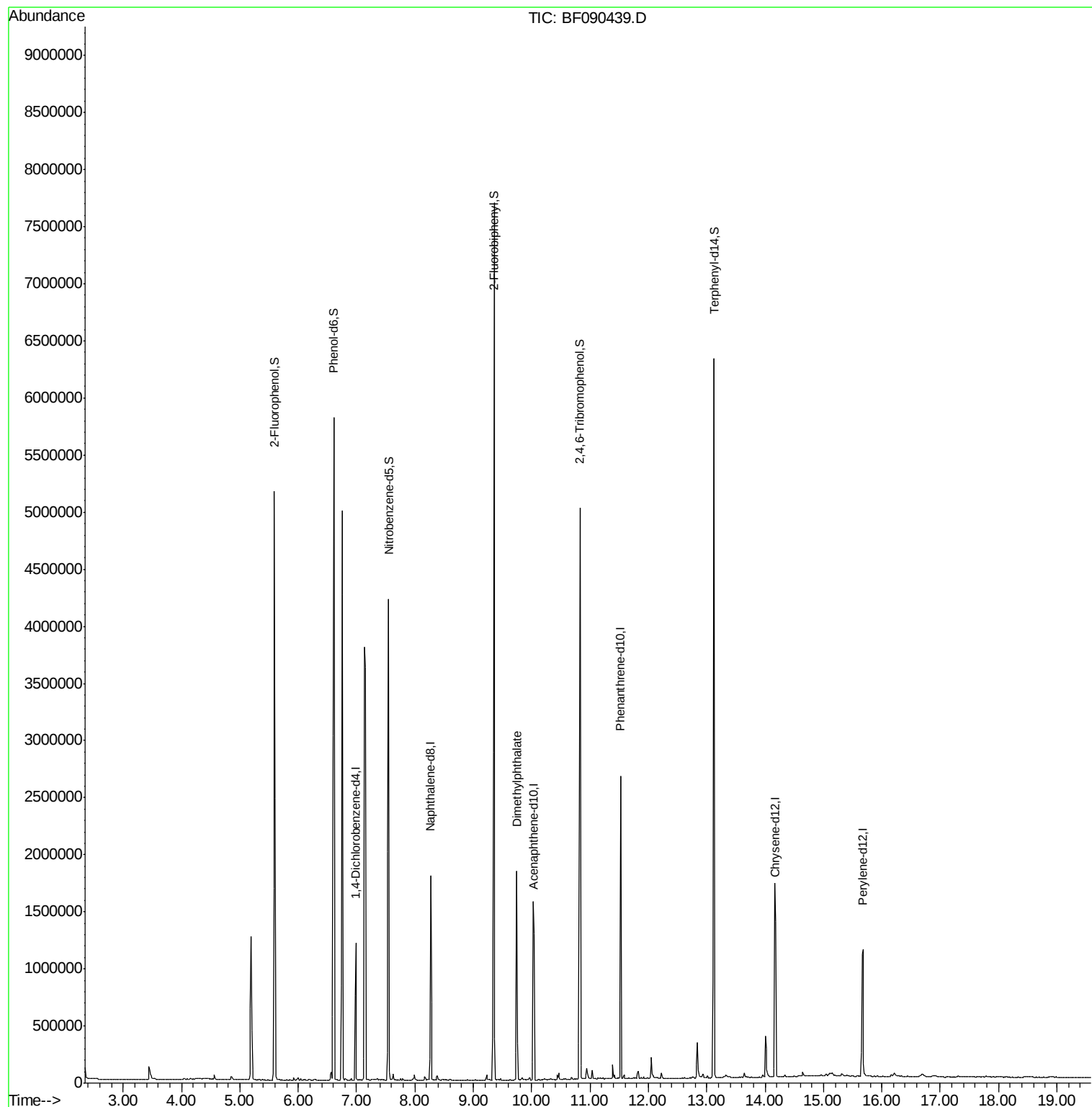
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	221458	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	879380	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	463576	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	884477	20.00	ng	0.00
75) Chrysene-d12	14.18	240	748426	20.00	ng	0.00
86) Perylene-d12	15.68	264	584261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1882207	126.85	ng	0.01
7) Phenol-d6	6.61	99	2382559	122.60	ng	0.00
23) Nitrobenzene-d5	7.55	82	1613230	89.24	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	656840	174.25	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2455691	88.26	ng	0.00
78) Terphenyl-d14	13.13	244	3087135	92.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	711520	23.97	ng	Qvalue 99

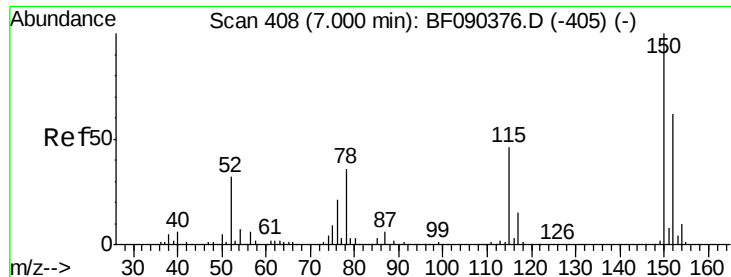
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

Instrument :

BNA_F

ClientSampled :

T-1

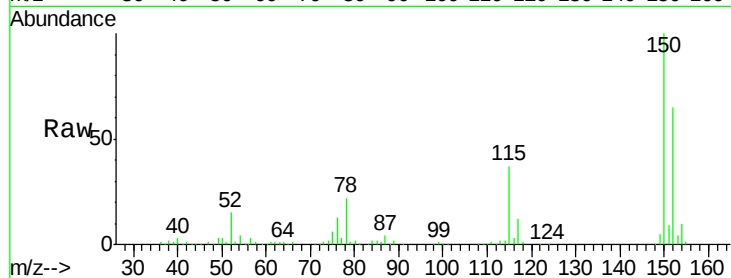
Tgt Ion:152 Resp: 221458

Ion Ratio Lower Upper

152 100

150 154.1 124.6 186.8

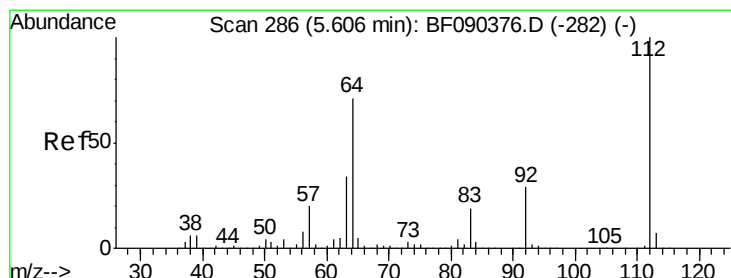
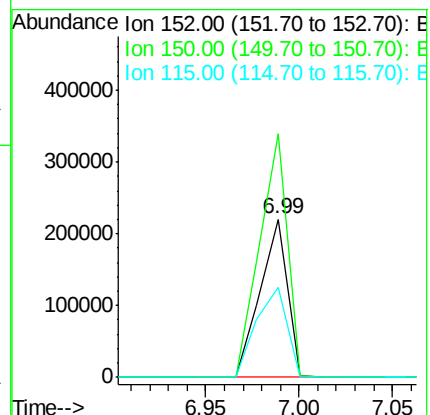
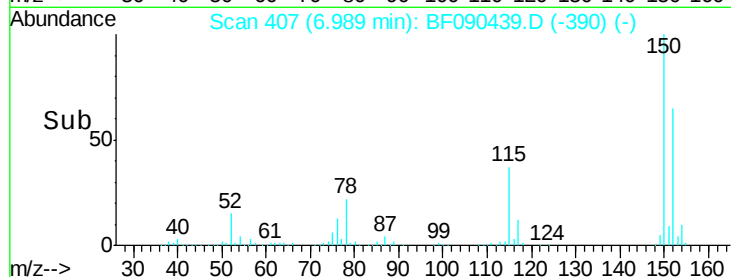
115 56.8 46.2 69.4



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: 126.85 ng

RT: 5.59 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

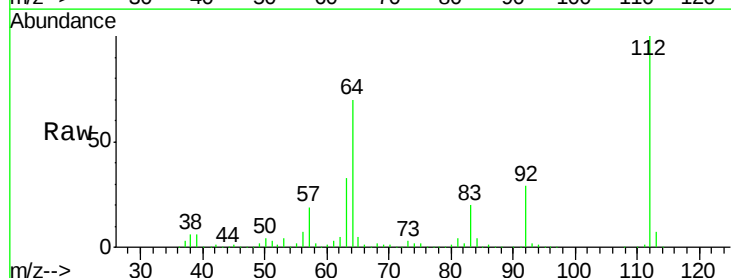
Tgt Ion:112 Resp: 1882207

Ion Ratio Lower Upper

112 100

64 69.6 57.9 86.9

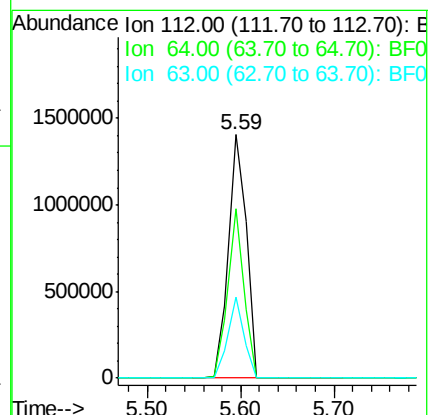
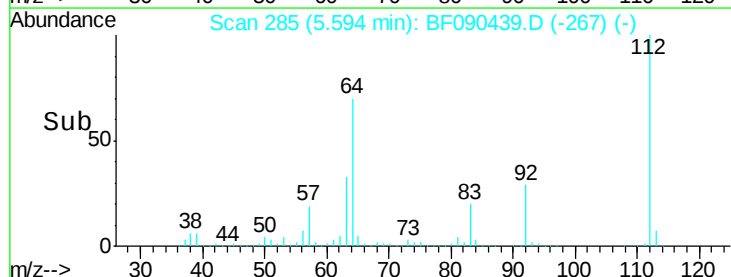
63 33.4 29.6 44.4

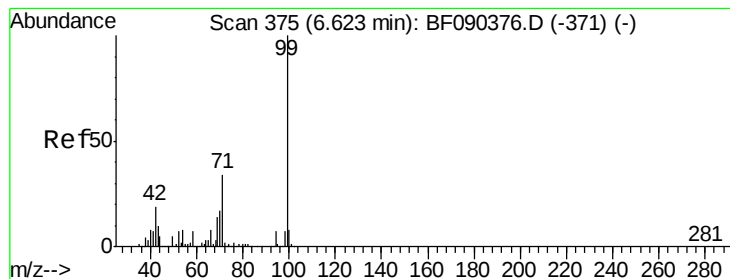


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.60 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

Instrument :

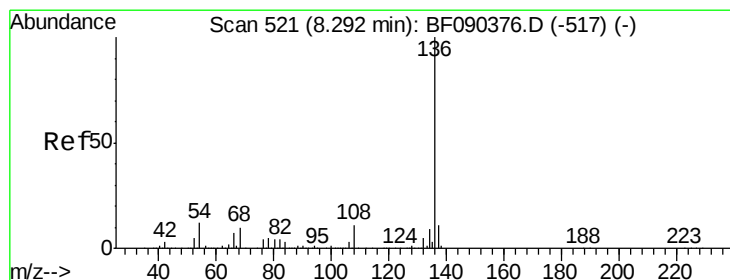
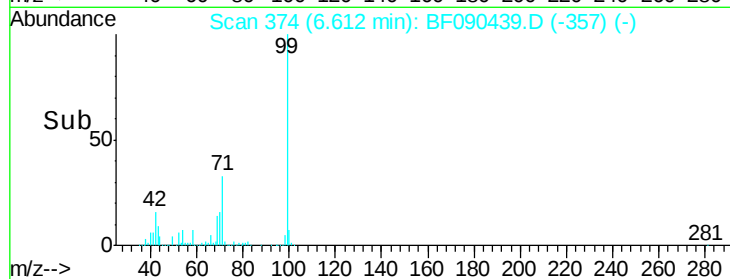
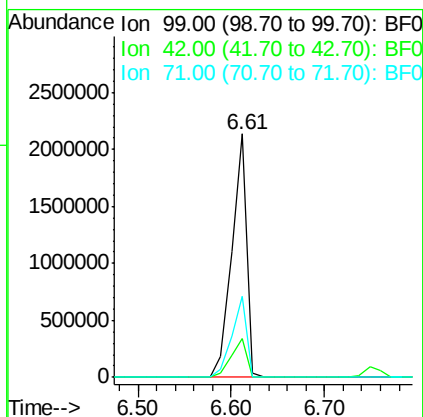
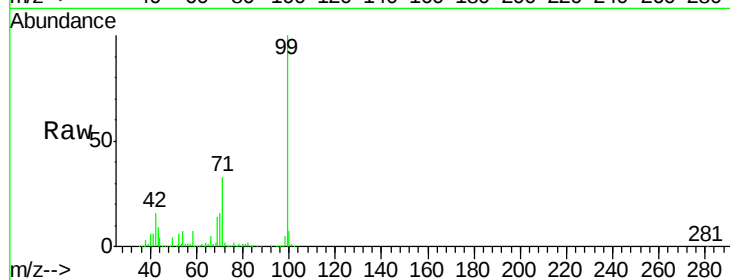
BNA_F

ClientSampled :

T-1

Tgt Ion: 99 Resp: 2382559

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.0	30.0#
71	33.4	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 519

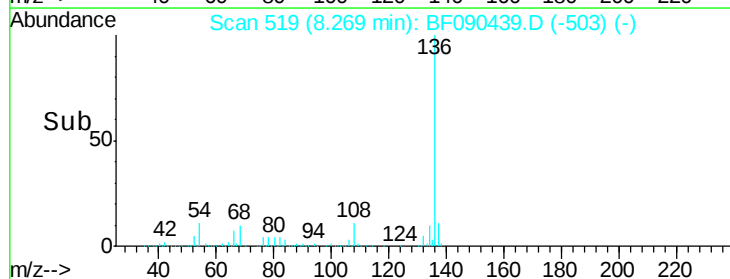
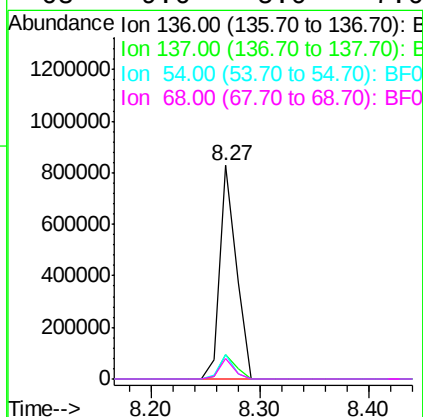
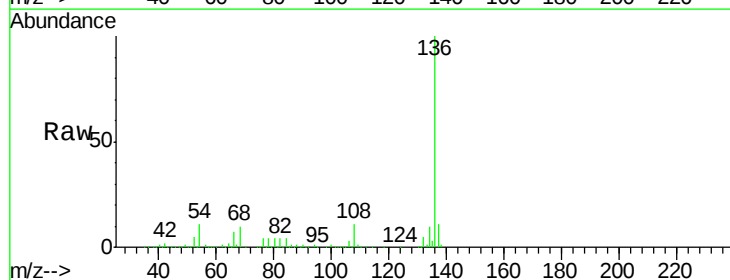
Delta R.T. -0.01 min

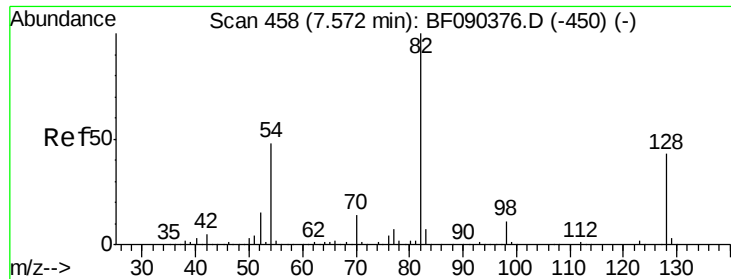
Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

Tgt Ion: 136 Resp: 879380

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.3	6.6	10.0#
68	9.6	5.0	7.6#

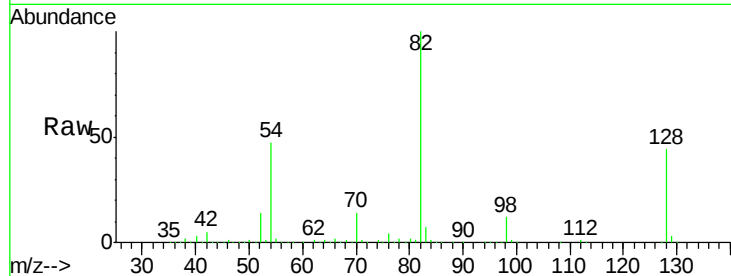




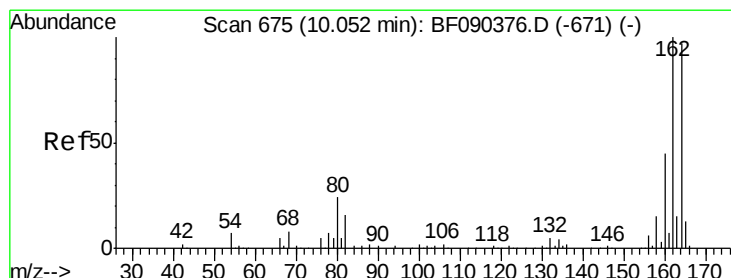
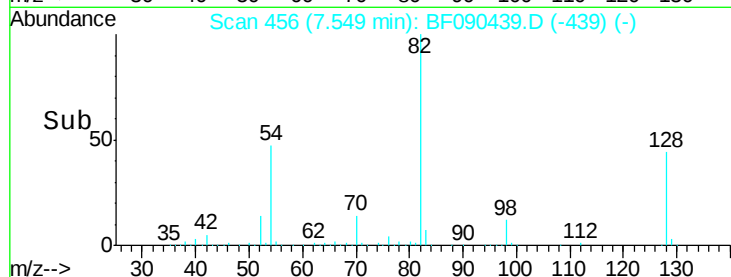
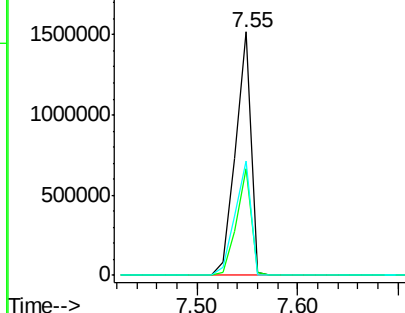
#23
 Nitrobenzene-d5
 Concen: 89.24 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

Instrument :
 BNA_F
 ClientSampled :
 T-1

Tgt Ion: 82 Resp: 1613230
 Ion Ratio Lower Upper
 82 100
 128 43.6 40.0 60.0
 54 47.0 42.6 64.0

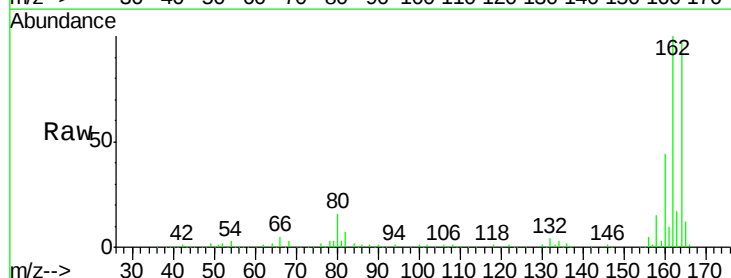


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

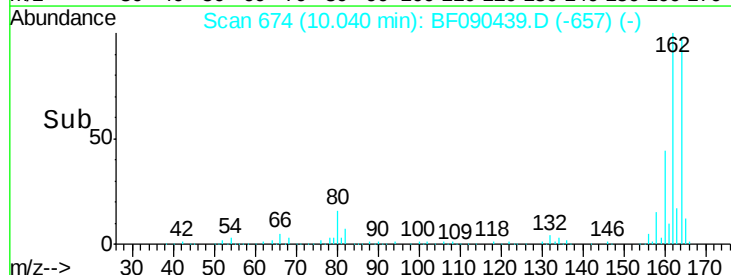
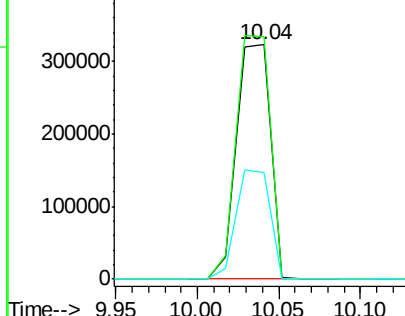


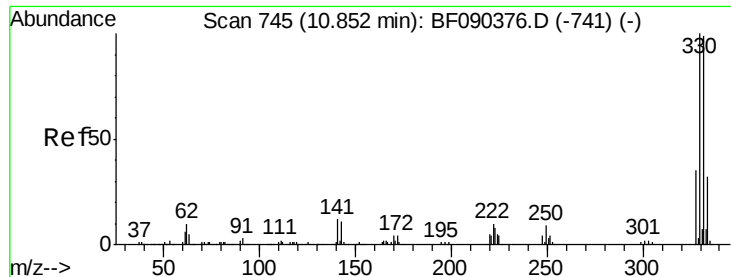
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

Tgt Ion: 164 Resp: 463576
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.1 120.1
 160 45.5 36.3 54.5



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

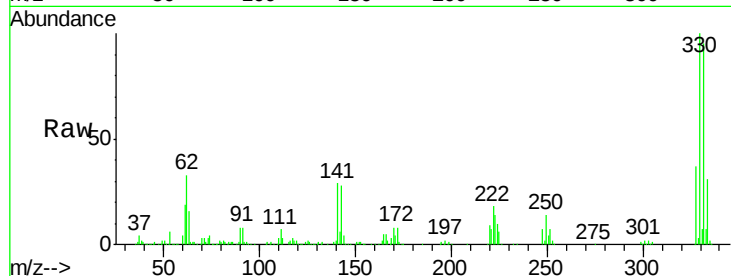




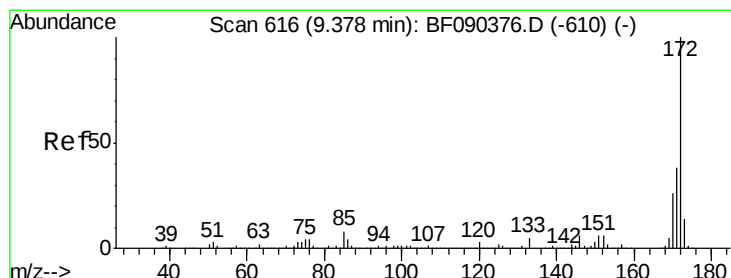
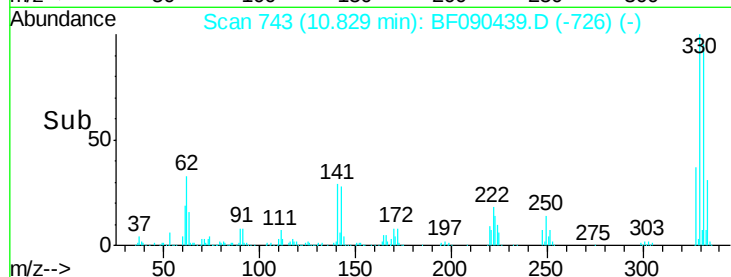
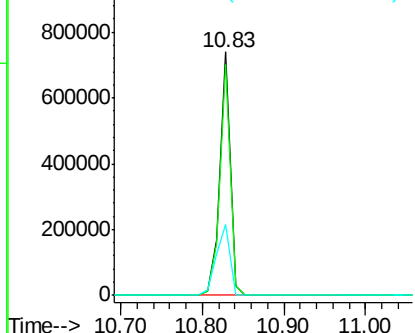
#41
 2,4,6-Tribromophenol
 Concen: 174.25 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

Instrument :
 BNA_F
 ClientSampled :
 T-1

Tgt Ion:330 Resp: 656840
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.4 113.0
 141 37.9 26.9 40.3

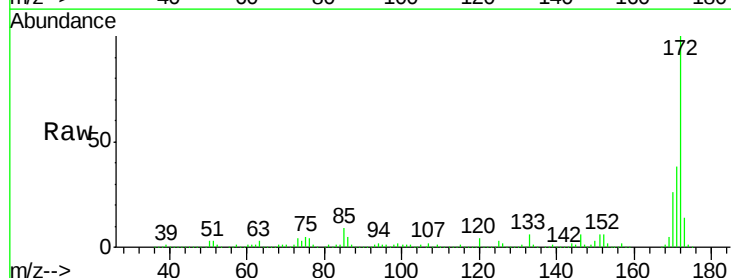


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

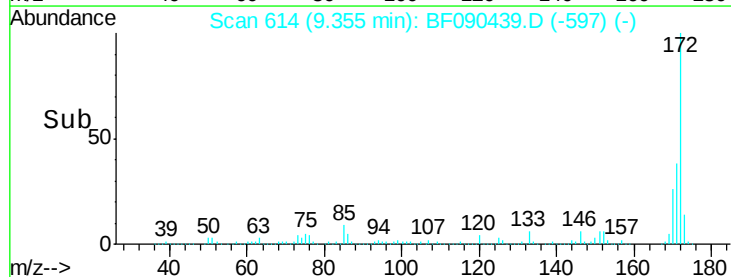
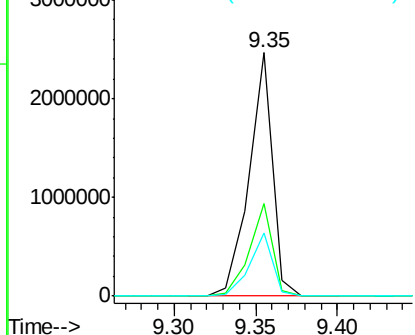


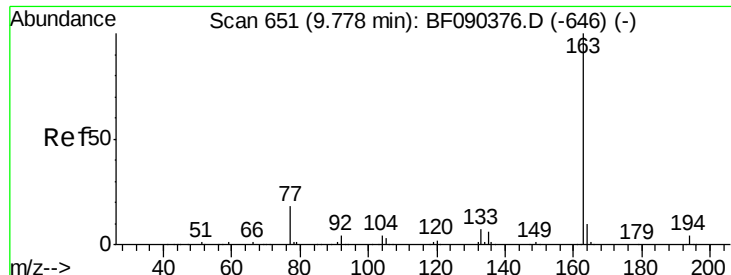
#44
 2-Fluorobiphenyl
 Concen: 88.26 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

Tgt Ion:172 Resp: 2455691
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.8 47.8
 170 26.1 21.7 32.5



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

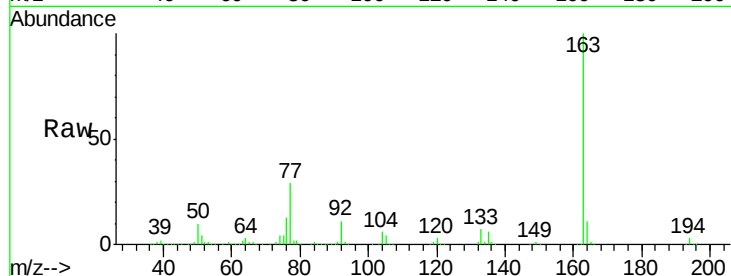




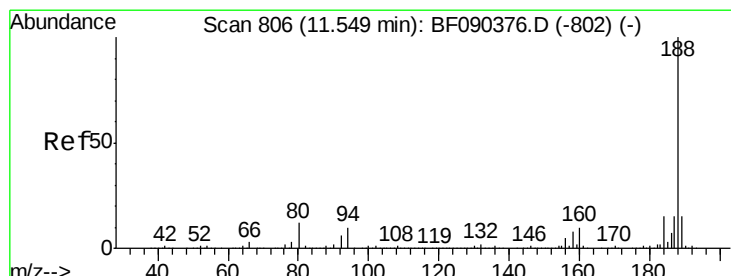
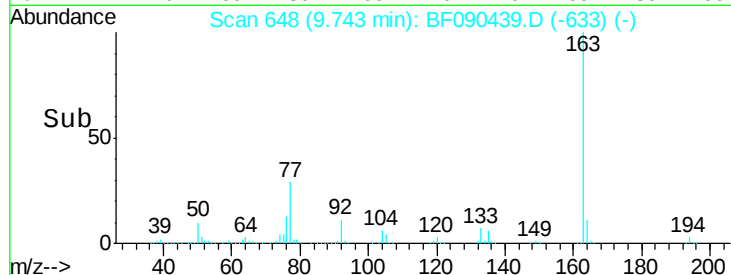
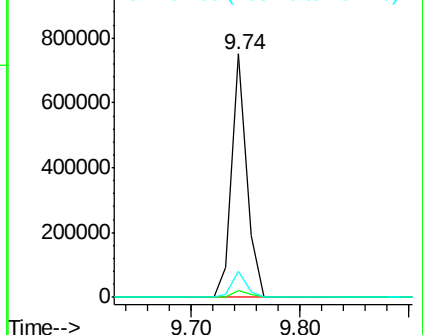
#49
Dimethylphthalate
Concen: 23.97 ng
RT: 9.74 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090439.D
Acq: 7 Oct 2016 12:12

Instrument :
BNA_F
ClientSampleId :
T-1

Tgt Ion:163 Resp: 711520
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.7 9.0 13.4

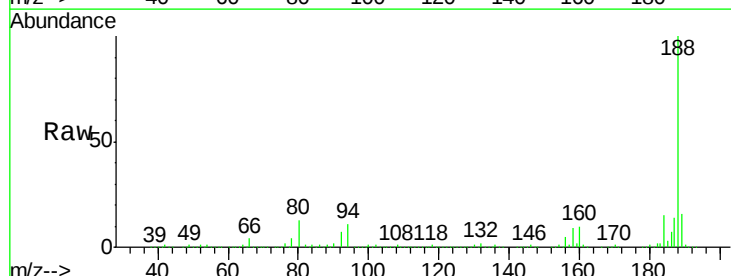


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

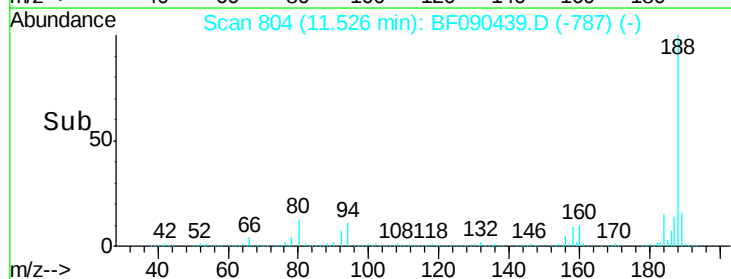
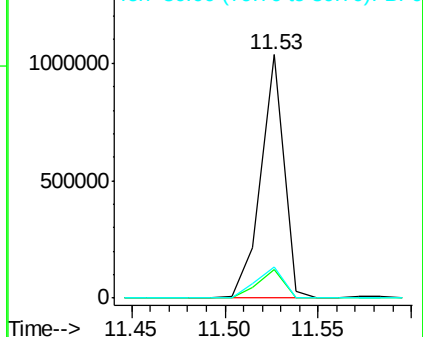


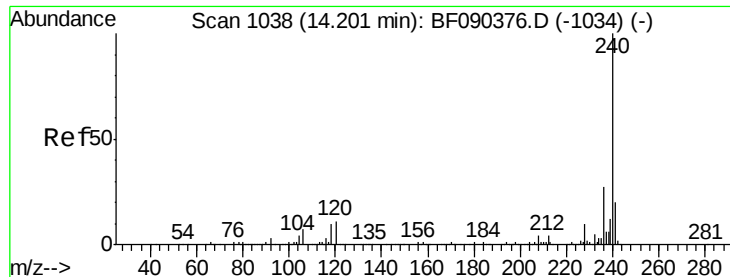
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF090439.D
Acq: 7 Oct 2016 12:12

Tgt Ion:188 Resp: 884477
Ion Ratio Lower Upper
188 100
94 11.5 8.2 12.2
80 12.9 8.8 13.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

Instrument :

BNA_F

ClientSampleId :

T-1

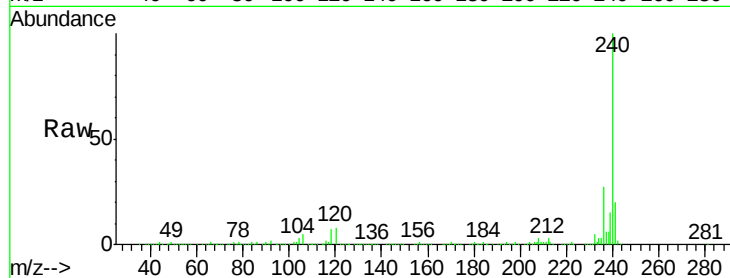
Tgt Ion:240 Resp: 748426

Ion Ratio Lower Upper

240 100

120 7.6 8.6 13.0#

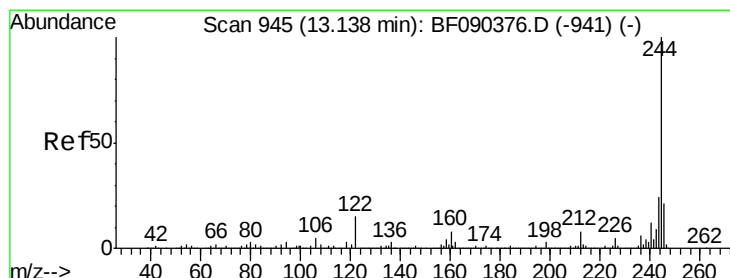
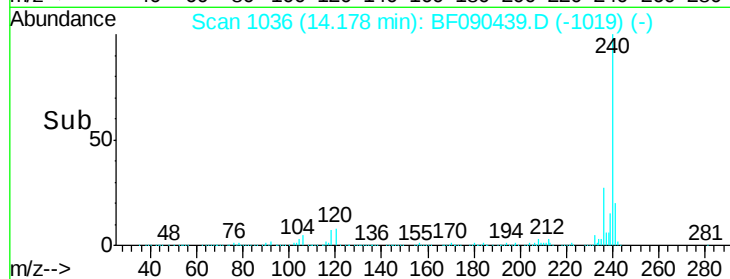
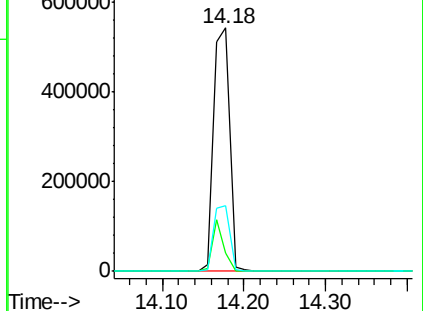
236 26.8 21.6 32.4



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: 92.73 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

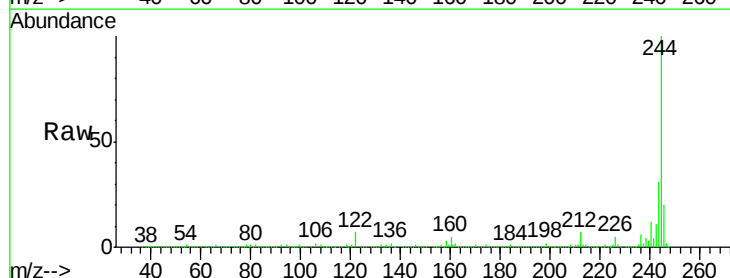
Tgt Ion:244 Resp: 3087135

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

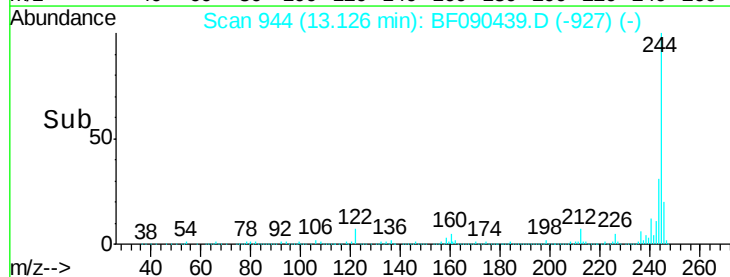
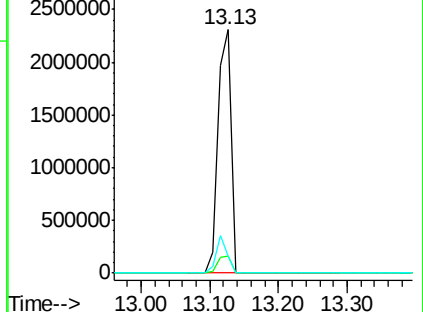
122 6.9 13.3 19.9#

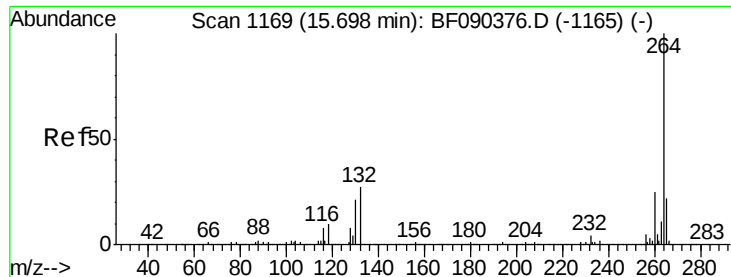


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

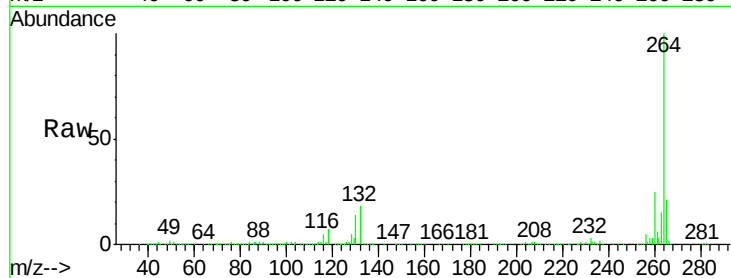




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF090439.D
Acq: 7 Oct 2016 12:12

Instrument :
BNA_F
ClientSampleId :
T-1

Tgt Ion: 264 Resp: 584261
Ion Ratio Lower Upper
264 100
260 25.5 19.3 28.9
265 21.4 17.4 26.0



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

