

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101016\
 Data File : BF090490.D
 Acq On : 10 Oct 2016 20:08
 Operator : UM/SJ
 Sample : H5140-02DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6DL

Quant Time: Oct 11 11:29:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

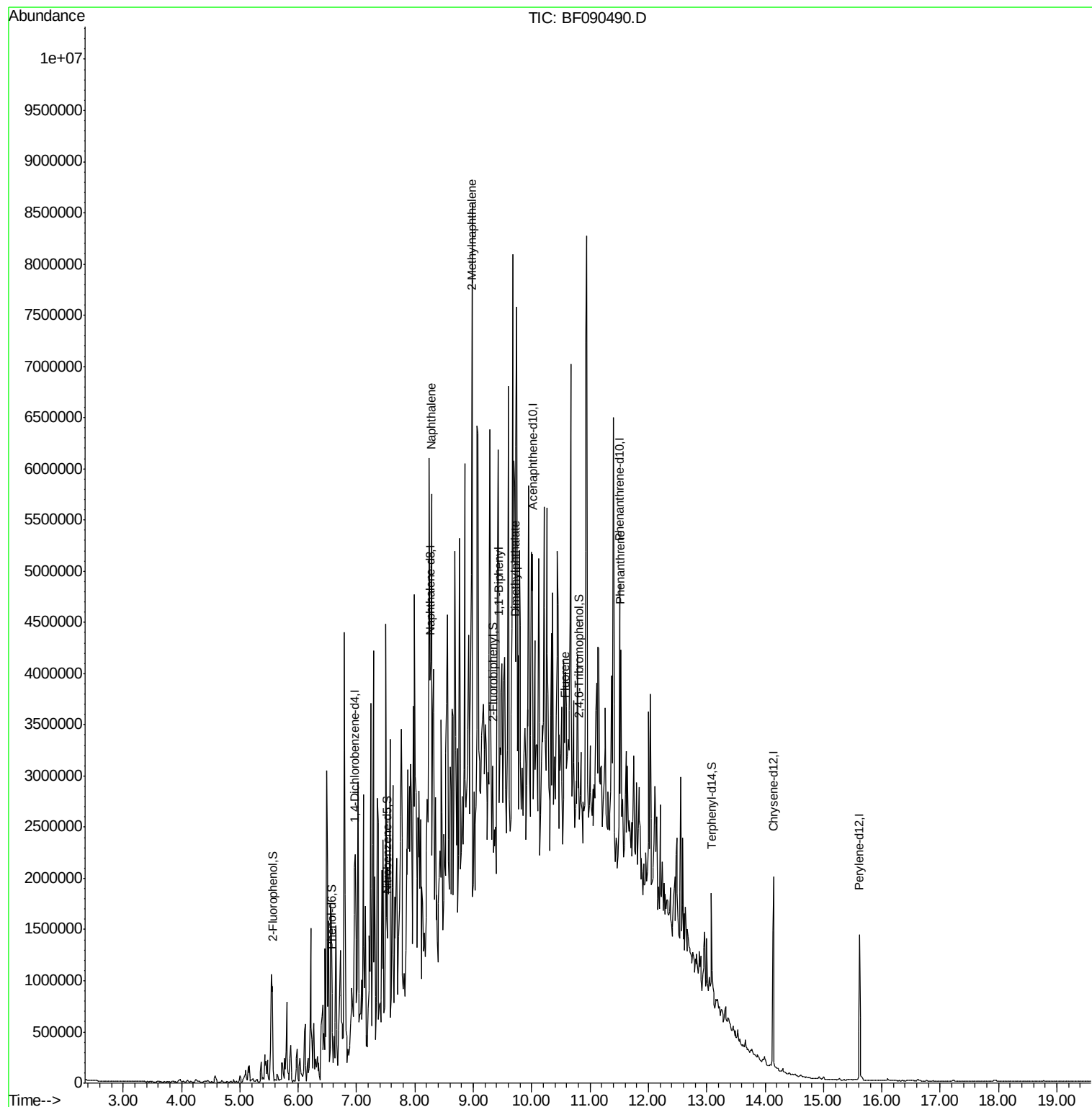
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	256115	20.00	ng	-0.03
21) Naphthalene-d8	8.26	136	1002406	20.00	ng	-0.03
38) Acenaphthene-d10	10.02	164	564243	20.00	ng	-0.03
63) Phenanthrene-d10	11.50	188	912711	20.00	ng	-0.05
75) Chrysene-d12	14.14	240	812029	20.00	ng	-0.06
86) Perylene-d12	15.62	264	614838	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	176689	10.30	ng	-0.04
7) Phenol-d6	6.58	99	232479	10.34	ng	-0.05
23) Nitrobenzene-d5	7.53	82	196295	9.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.81	330	49942	10.89	ng	-0.05
44) 2-Fluorobiphenyl	9.33	172	276354	8.16	ng	-0.05
78) Terphenyl-d14	13.08	244	244256	6.76	ng	-0.06
Target Compounds						Qvalue
31) Naphthalene	8.28	128	1688464	34.91	ng	98
37) 2-Methylnaphthalene	8.98	142	2388585	81.60	ng	98
45) 1,1'-Biphenyl	9.43	154	405260	9.69	ng	94
49) Dimethylphthalate	9.72	163	107213	2.97	ng	# 90
57) Fluorene	10.57	166	253000	7.32	ng	# 91
70) Phenanthrene	11.53	178	747214	15.99	ng	97

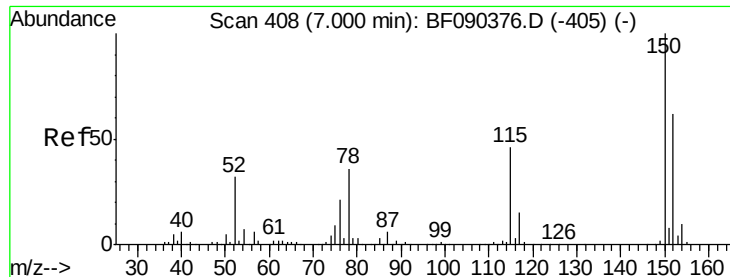
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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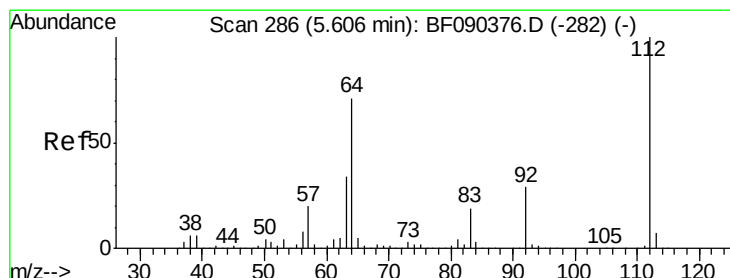
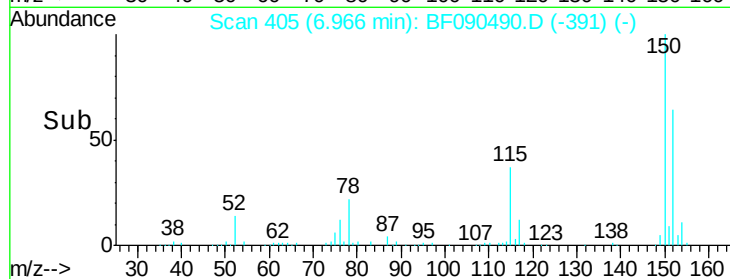
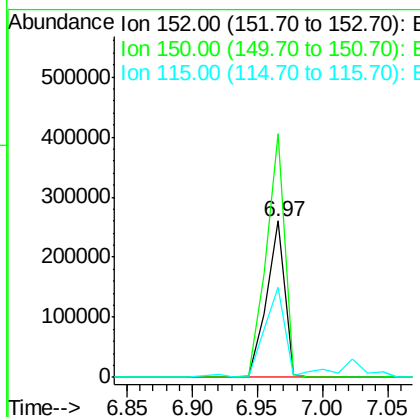
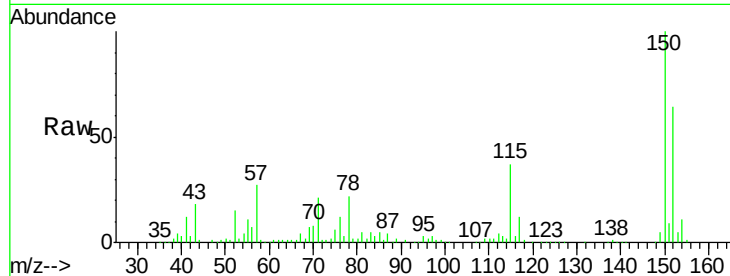




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 405
 Delta R.T. -0.03 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

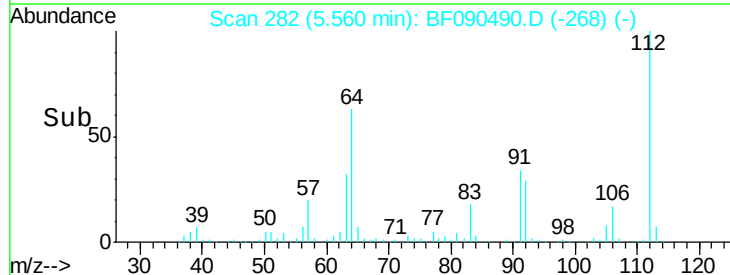
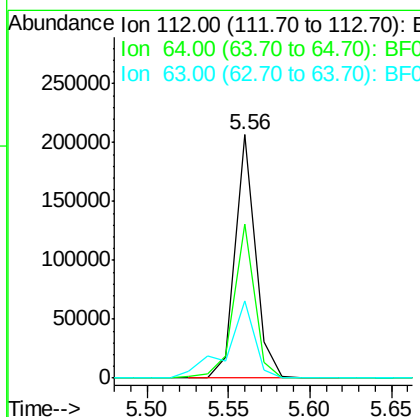
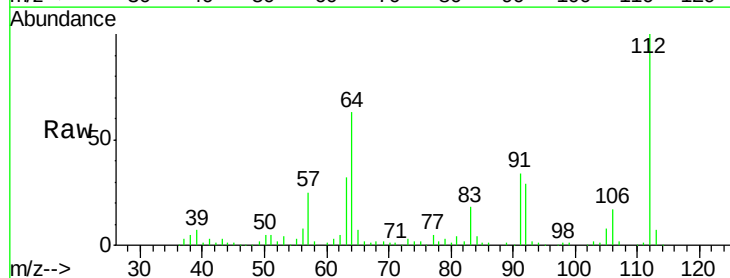
Instrument :
 BNA_F
 ClientSampled :
 T-6DL

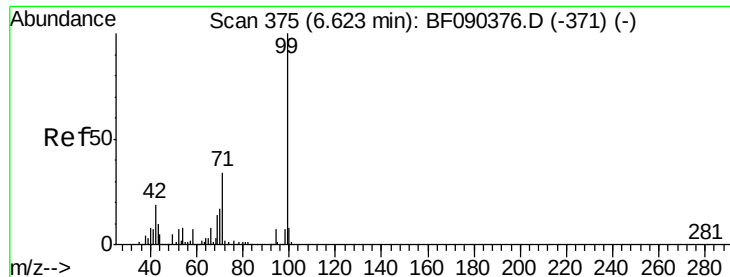
Tot Ion:152 Resp: 256115
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 57.6 46.2 69.4



#5
 2-Fluorophenol
 Concen: 10.30 ng
 RT: 5.56 min Scan# 282
 Delta R.T. -0.04 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

Tgt Ion:112 Resp: 176689
 Ion Ratio Lower Upper
 112 100
 64 63.2 57.9 86.9
 63 31.8 29.6 44.4





#7

Phenol-d6

Concen: 10.34 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.05 min

Lab File: BF090490.D

Acq: 10 Oct 2016 20:08

Instrument :

BNA_F

ClientSampled :

T-6DL

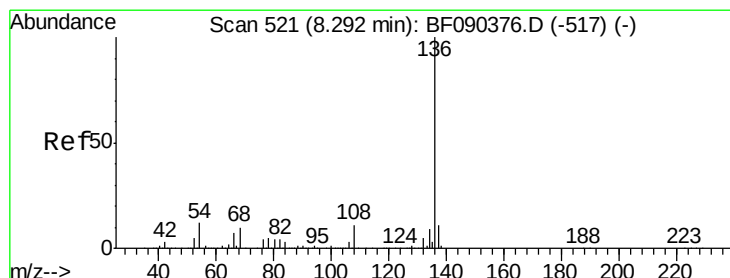
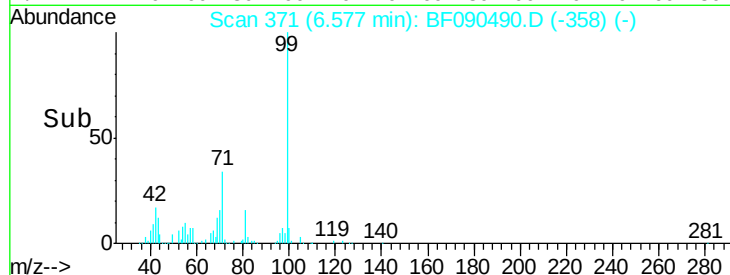
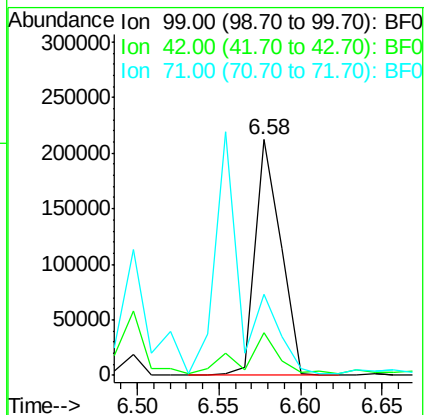
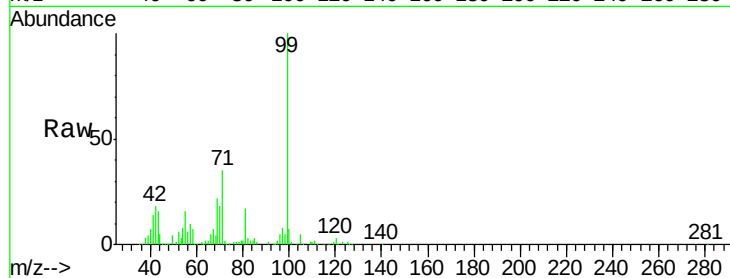
Tot Ion: 99 Resp: 232479

Ion Ratio Lower Upper

99 100

42 18.2 20.0 30.0#

71 34.6 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090490.D

Acq: 10 Oct 2016 20:08

Tgt Ion: 136 Resp: 1002406

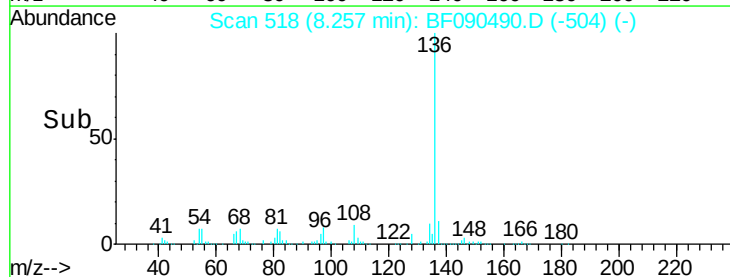
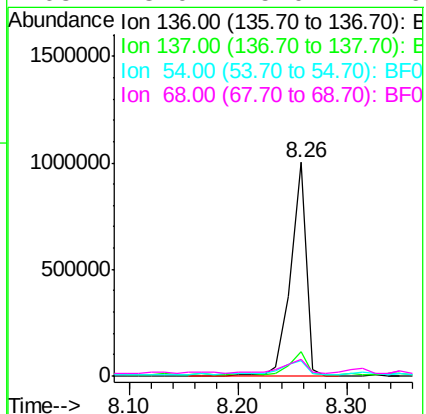
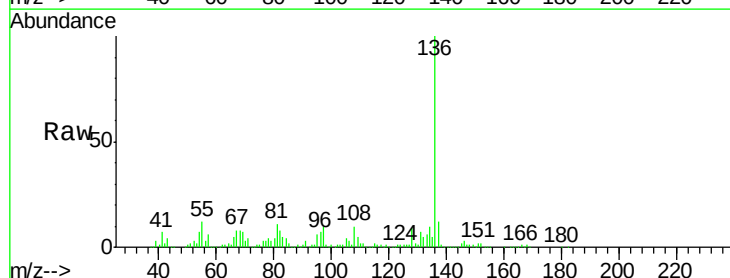
Ion Ratio Lower Upper

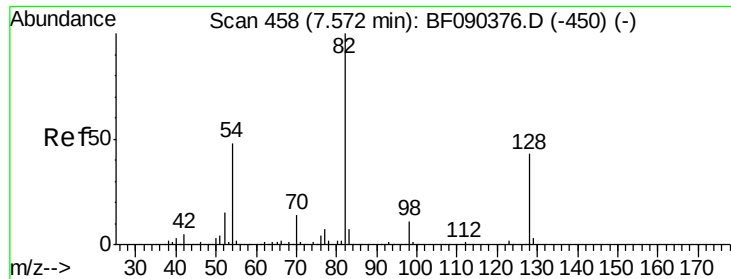
136 100

137 11.7 9.0 13.6

54 7.4 6.6 10.0

68 8.0 5.0 7.6#

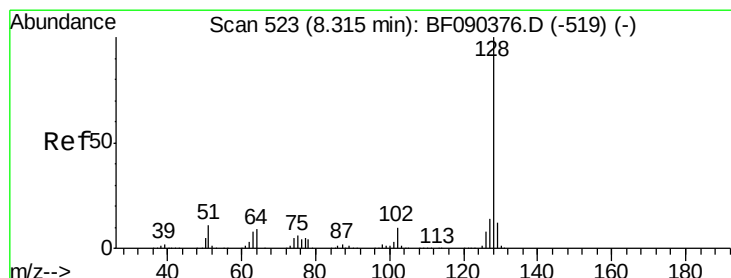
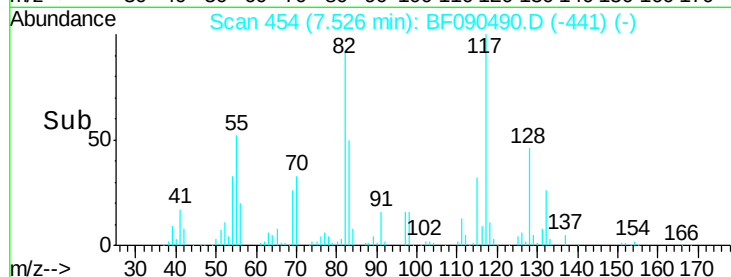
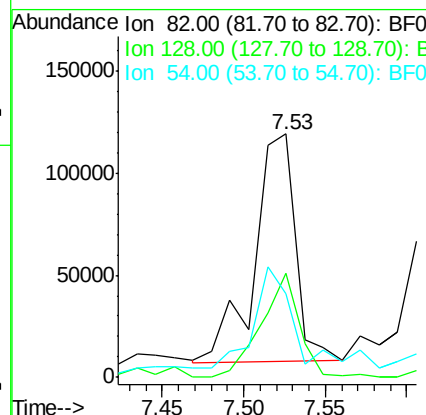
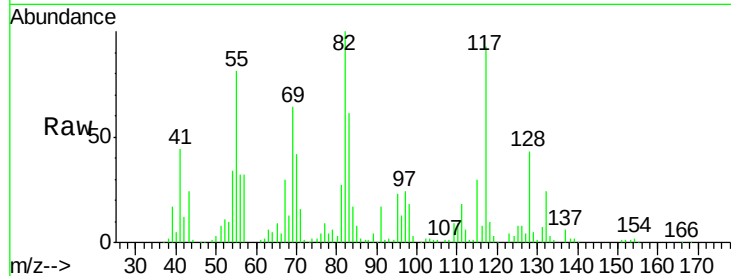




#23
Nitrobenzene-d5
Concen: 9.53 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF090490.D
Acq: 10 Oct 2016 20:08

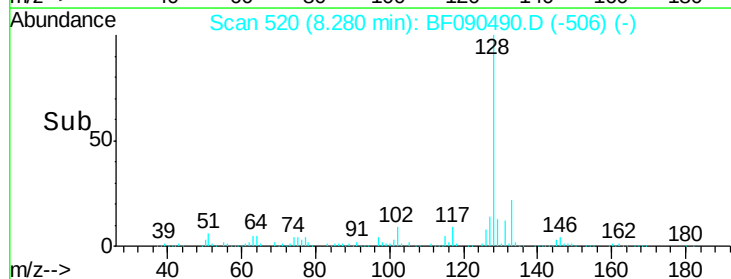
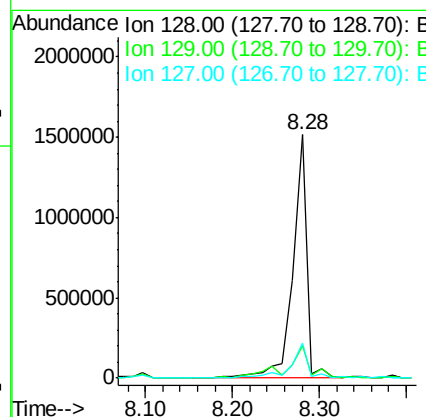
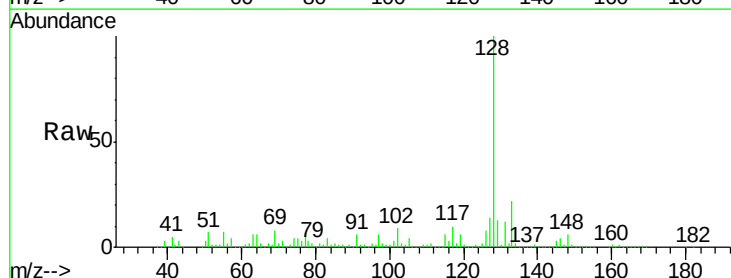
Instrument :
BNA_F
ClientSampleId :
T-6DL

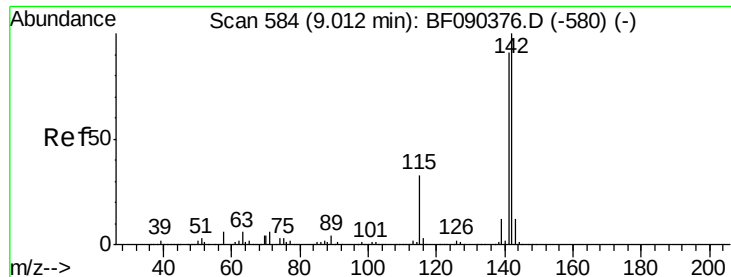
Tot Ion: 82 Resp: 196295
Ion Ratio Lower Upper
82 100
128 43.0 40.0 60.0
54 34.5 42.6 64.0#



#31
Naphthalene
Concen: 34.91 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF090490.D
Acq: 10 Oct 2016 20:08

Tgt Ion:128 Resp: 1688464
Ion Ratio Lower Upper
128 100
129 13.1 9.7 14.5
127 14.1 11.7 17.5

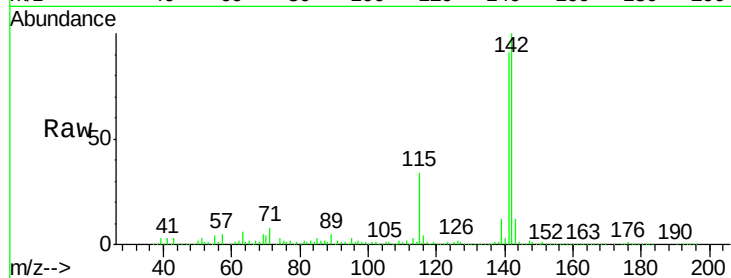




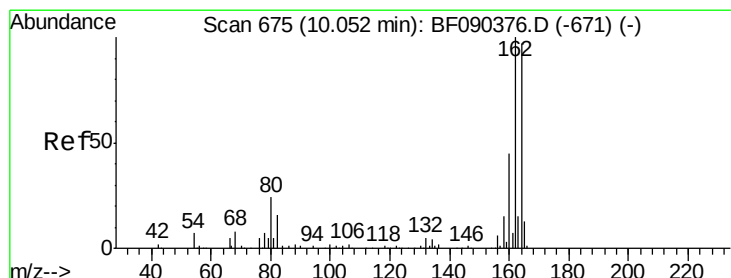
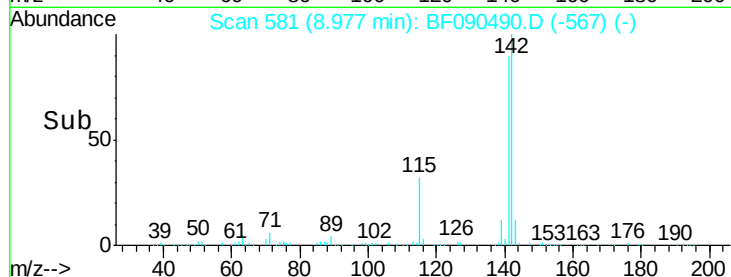
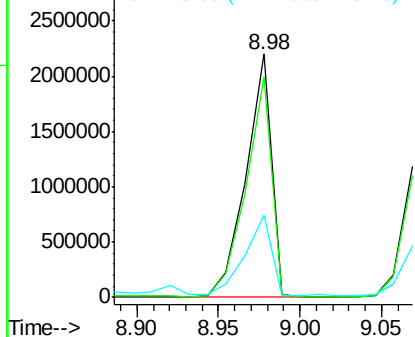
#37
2-Methylnaphthalene
Concen: 81.60 ng
RT: 8.98 min Scan# 581
Delta R.T. -0.03 min
Lab File: BF090490.D
Acq: 10 Oct 2016 20:08

Instrument :
BNA_F
ClientSampled :
T-6DL

Tot Ion:142 Resp: 2388585
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.8
115 34.0 28.8 43.2

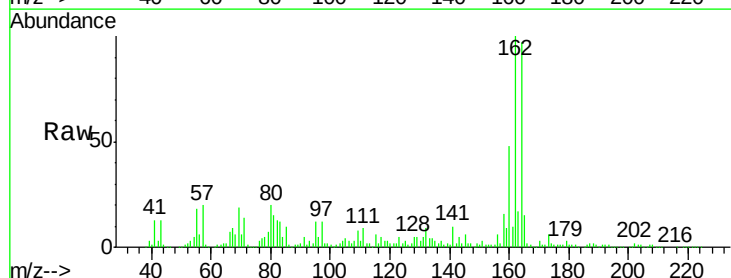


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

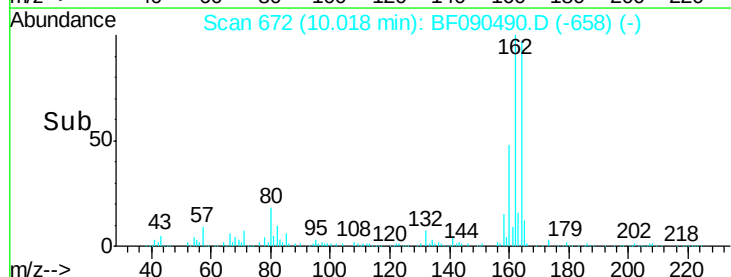
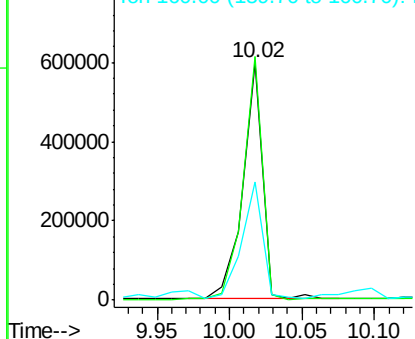


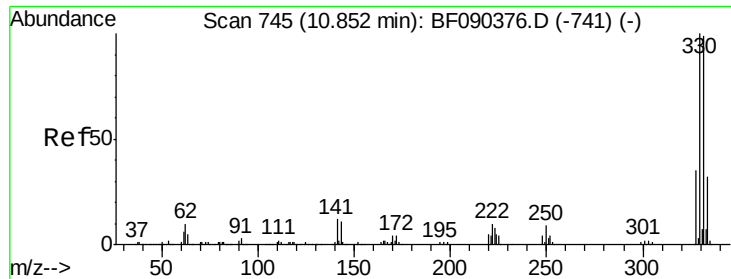
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF090490.D
Acq: 10 Oct 2016 20:08

Tgt Ion:164 Resp: 564243
Ion Ratio Lower Upper
164 100
162 102.6 80.1 120.1
160 49.7 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

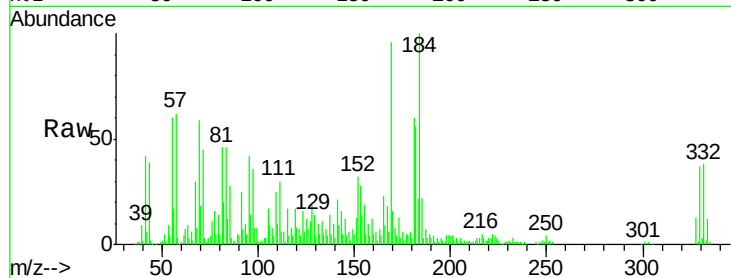




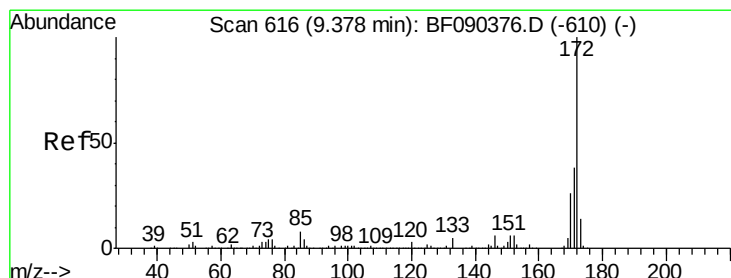
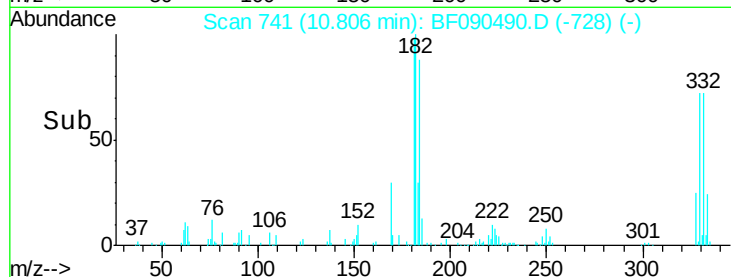
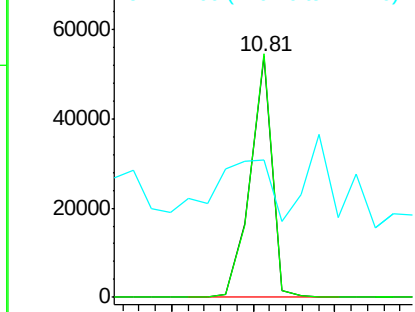
#41
 2,4,6-Tribromophenol
 Concen: 10.89 ng
 RT: 10.81 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 T-6DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.4	75.4	113.0
141	67.1	26.9	40.3#

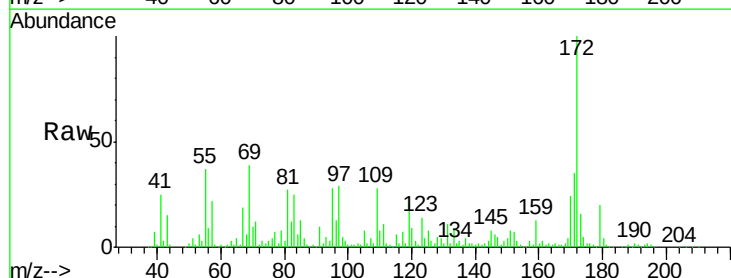


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

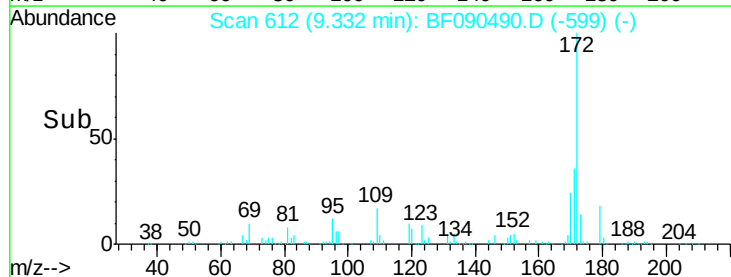
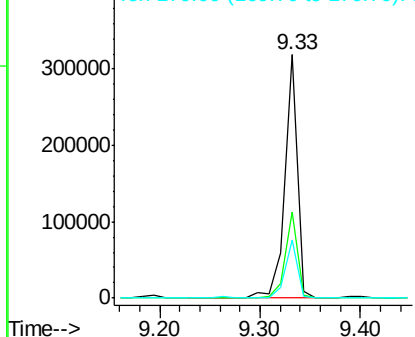


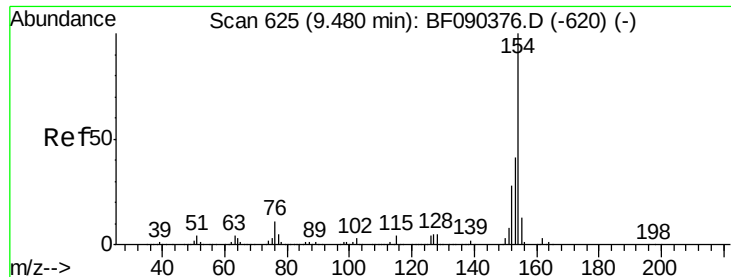
#44
 2-Fluorobiphenyl
 Concen: 8.16 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.8	47.8
170	23.6	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

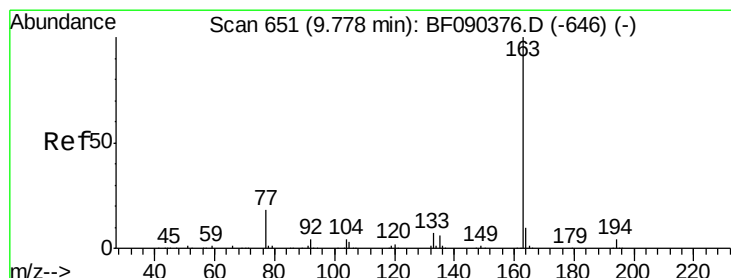
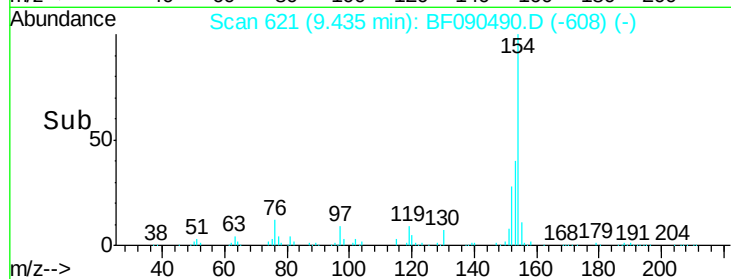
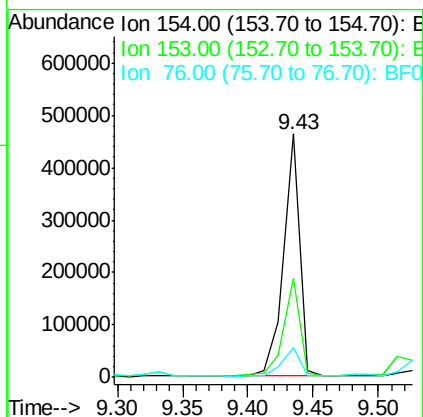
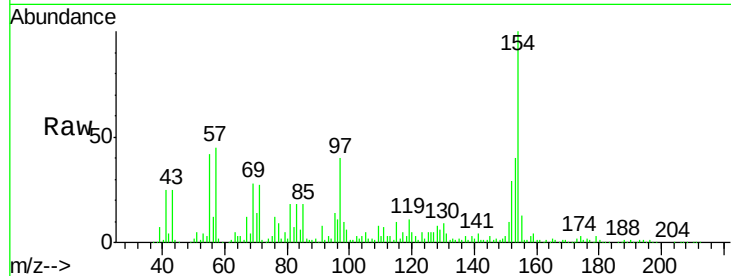




#45
1,1'-Biphenyl
Concen: 9.69 ng
RT: 9.43 min Scan# 621
Delta R.T. -0.05 min
Lab File: BF090490.D
Acq: 10 Oct 2016 20:08

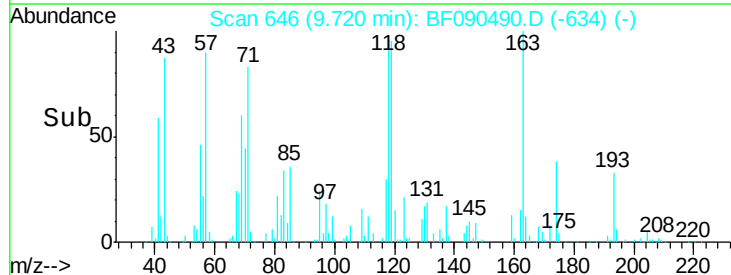
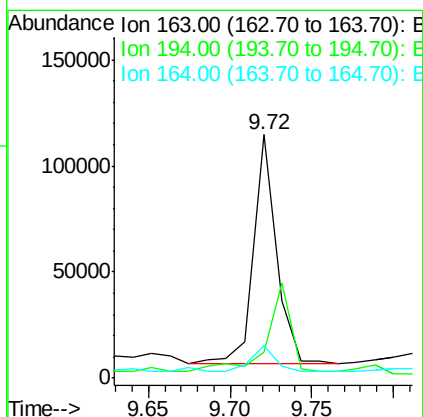
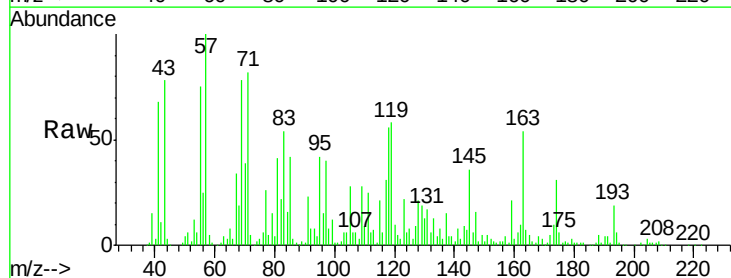
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T-6DL

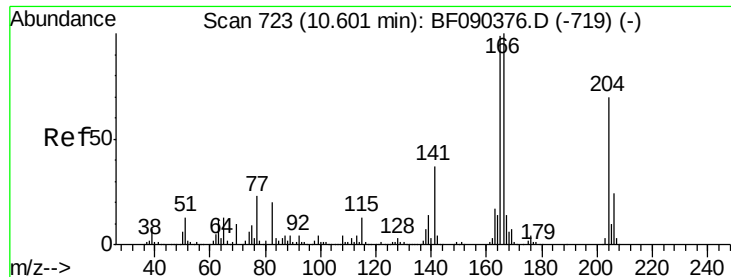
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	23.8	63.8
76	12.1	0.0	35.8



#49
Dimethylphthalate
Concen: 2.97 ng
RT: 9.72 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF090490.D
Acq: 10 Oct 2016 20:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	10.5	2.8	4.2#
164	13.6	9.0	13.4#

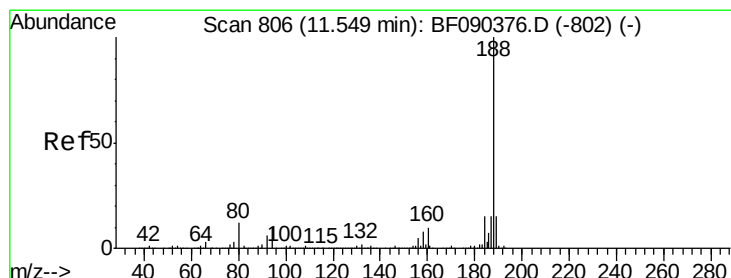
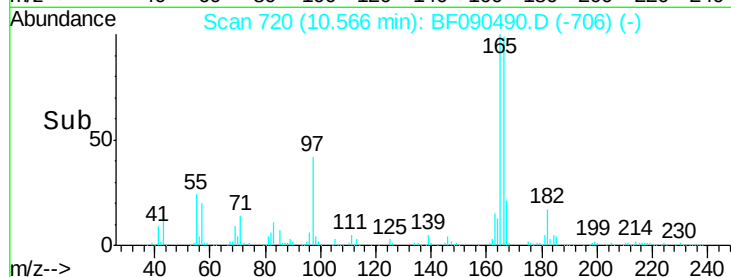
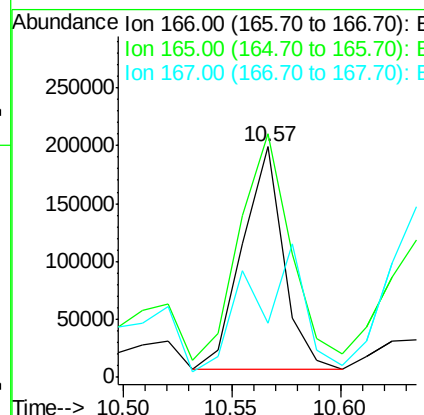
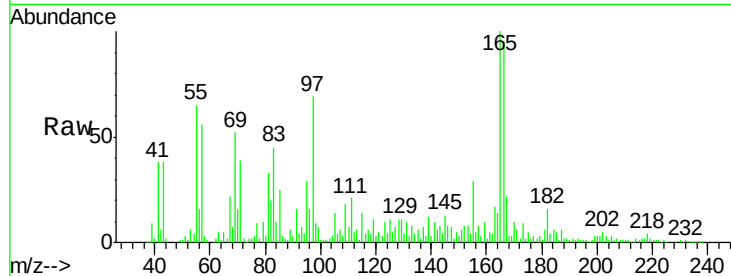




#57
 Fluorene
 Concen: 7.32 ng
 RT: 10.57 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

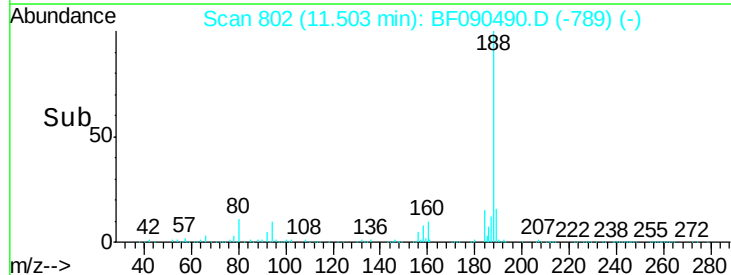
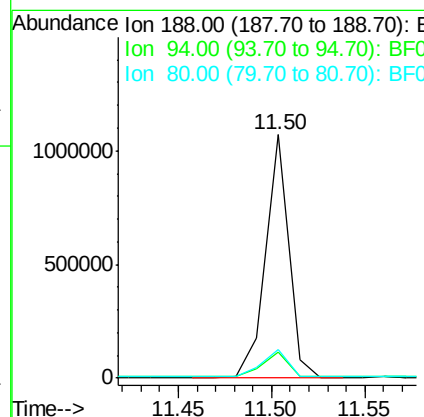
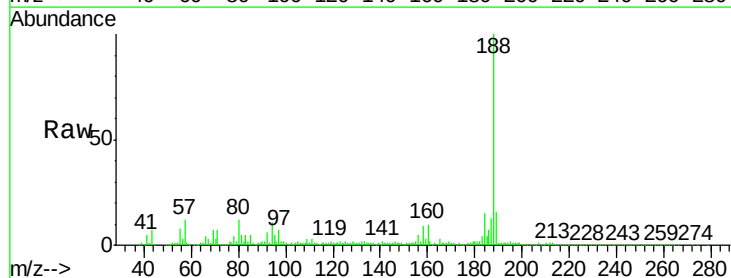
Instrument :
 BNA_F
 ClientSampleId :
 T-6DL

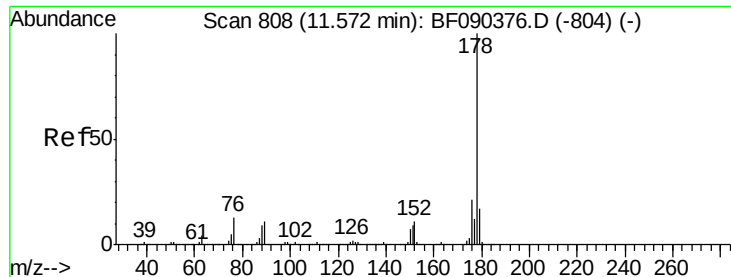
Tot Ion:166 Resp: 253000
 Ion Ratio Lower Upper
 166 100
 165 105.7 79.2 118.8
 167 23.6 11.1 16.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

Tgt Ion:188 Resp: 912711
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.2 12.2
 80 11.6 8.8 13.2





#70

Phenanthrene

Concen: 15.99 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF090490.D

Acq: 10 Oct 2016 20:08

Instrument :

BNA_F

ClientSampled :

T-6DL

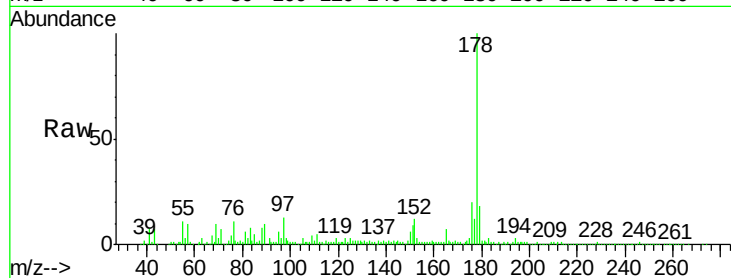
Tot Ion:178 Resp: 747214

Ion Ratio Lower Upper

178 100

176 19.8 17.3 25.9

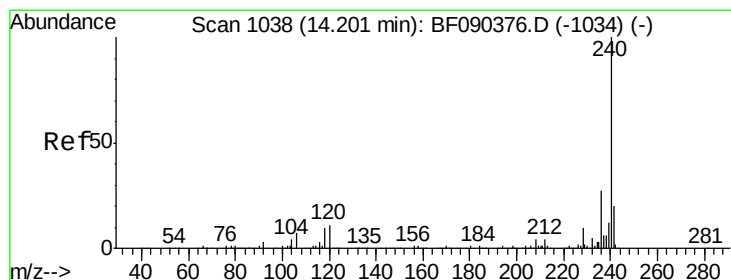
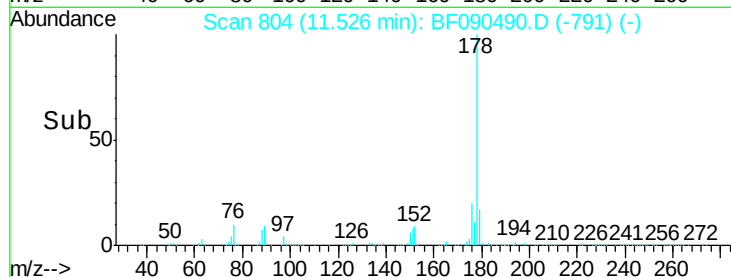
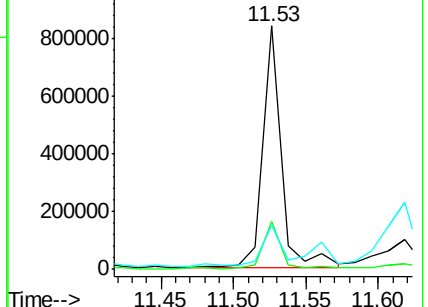
179 18.2 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF090490.D

Acq: 10 Oct 2016 20:08

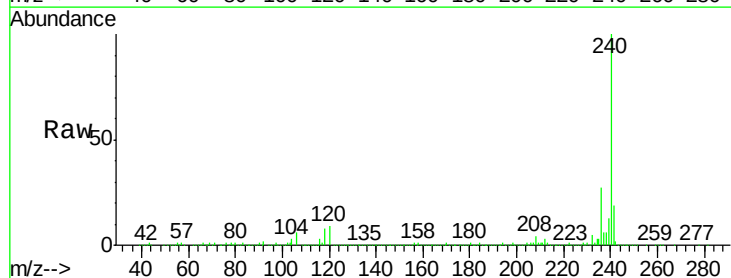
Tgt Ion:240 Resp: 812029

Ion Ratio Lower Upper

240 100

120 9.2 8.6 13.0

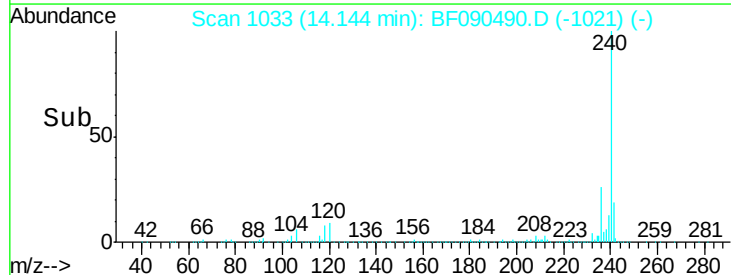
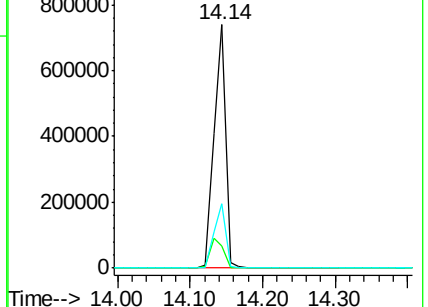
236 26.5 21.6 32.4

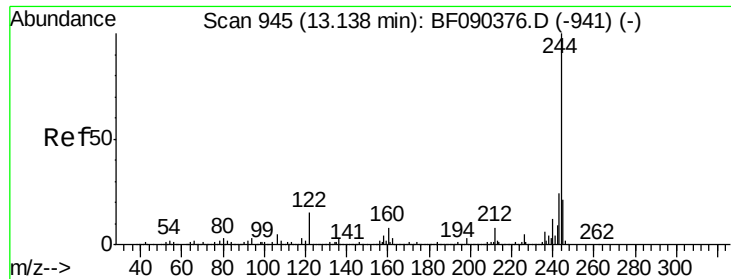


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

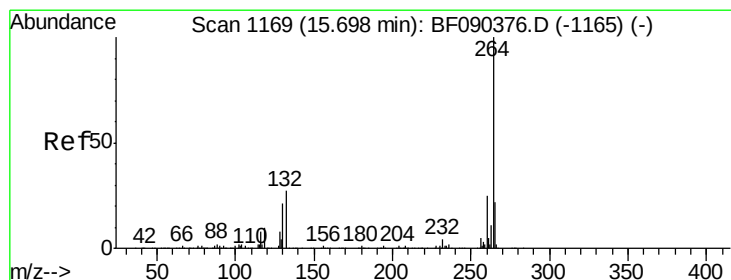
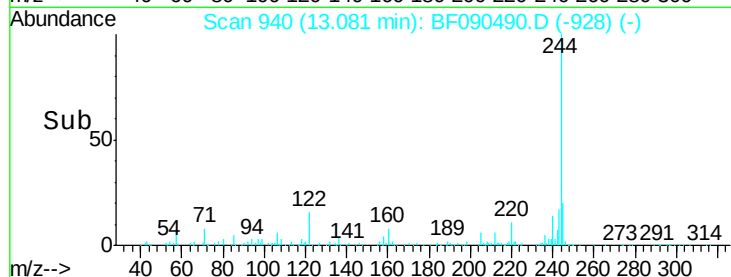
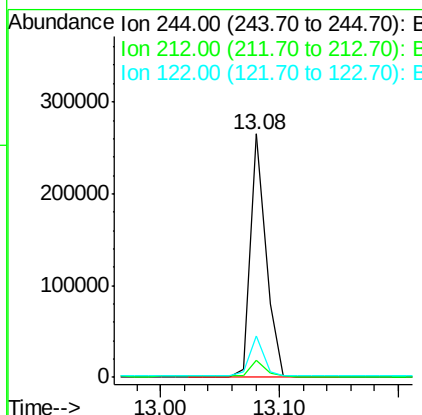
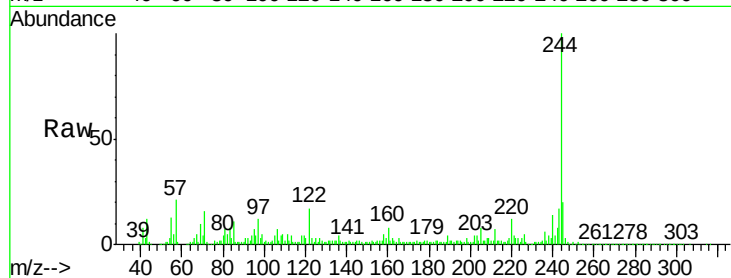




#78
 Terphenyl-d14
 Concen: 6.76 ng
 RT: 13.08 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 T-6DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.8	10.2
122	17.0	13.3	19.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1162
 Delta R.T. -0.08 min
 Lab File: BF090490.D
 Acq: 10 Oct 2016 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.5	17.4	26.0

