

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090518.D
 Acq On : 11 Oct 2016 22:41
 Operator : UM/SJ
 Sample : H5146-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0616

Quant Time: Oct 12 01:41:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

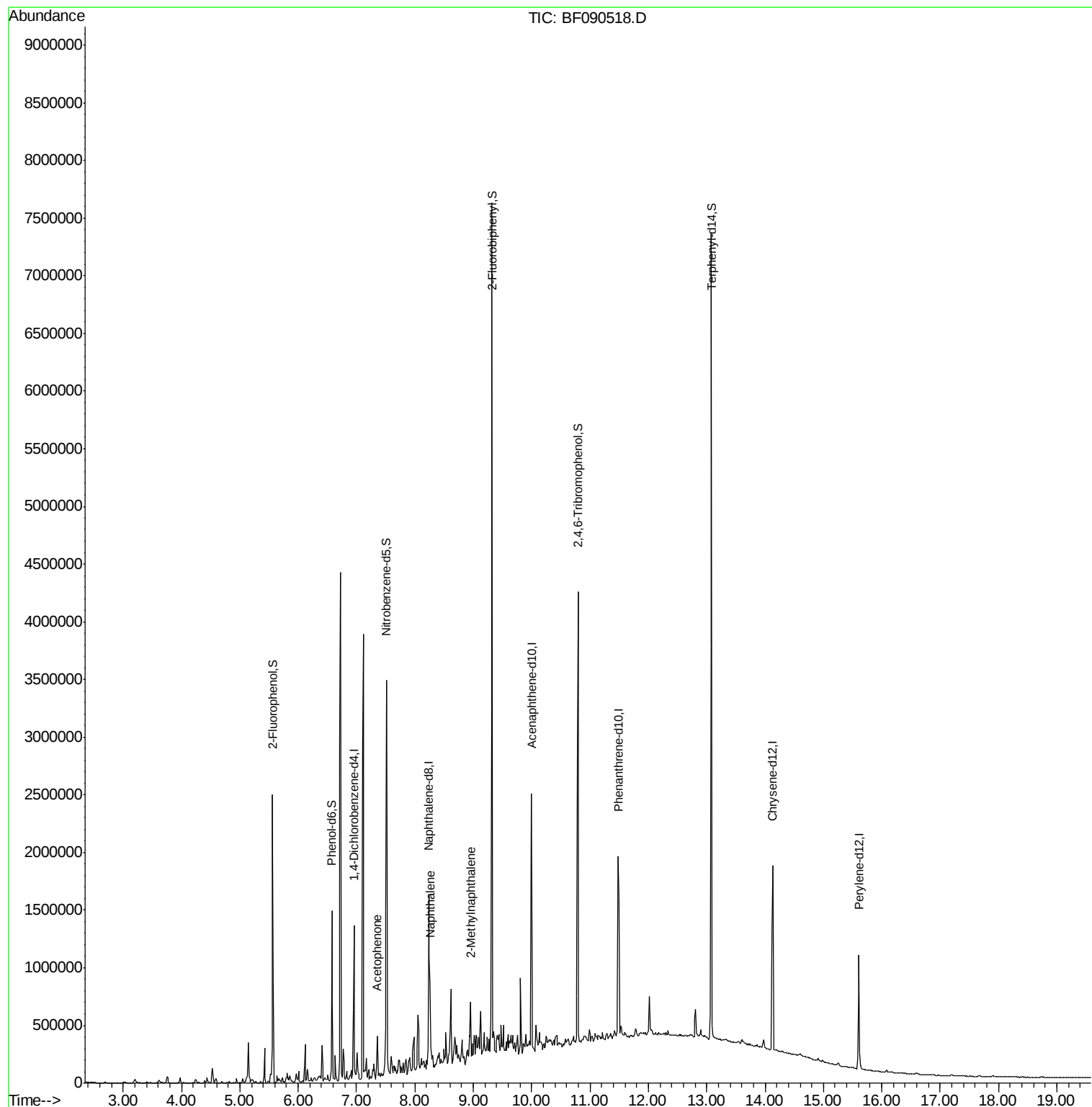
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	221165	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	837597	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	458911	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	769160	20.00	ng	0.00
75) Chrysene-d12	14.13	240	679098	20.00	ng	0.00
86) Perylene-d12	15.61	264	454979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	745557	52.44	ng	0.00
7) Phenol-d6	6.58	99	607732	33.88	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1261424	81.68	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	713110	156.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2481877	90.88	ng	0.00
78) Terphenyl-d14	13.08	244	2482380	89.33	ng	0.00
Target Compounds						
22) Acetophenone	7.35	105	100028	5.42	ng	Qvalue # 85
31) Naphthalene	8.26	128	301585	7.23	ng	98
37) 2-Methylnaphthalene	8.95	142	121435	4.34	ng	97

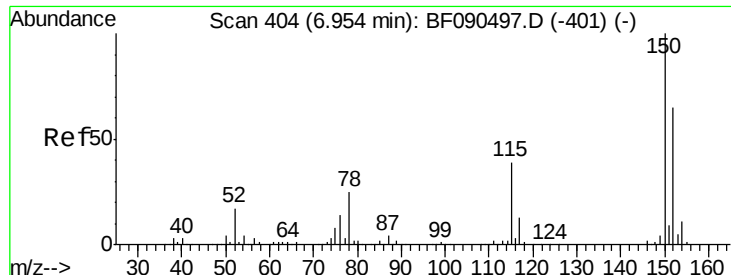
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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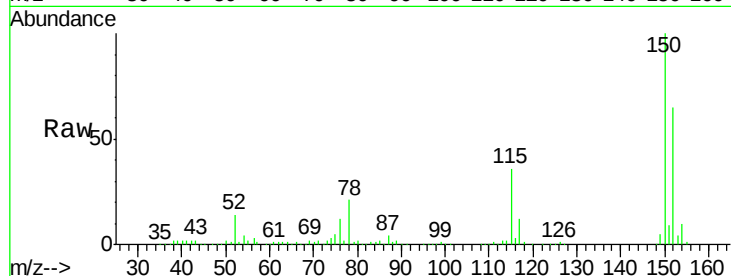


#1

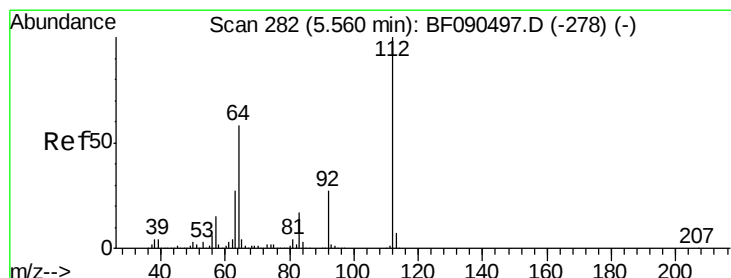
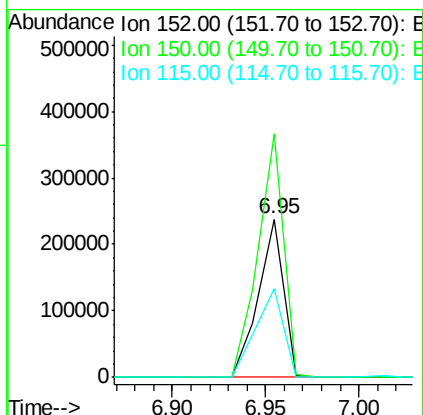
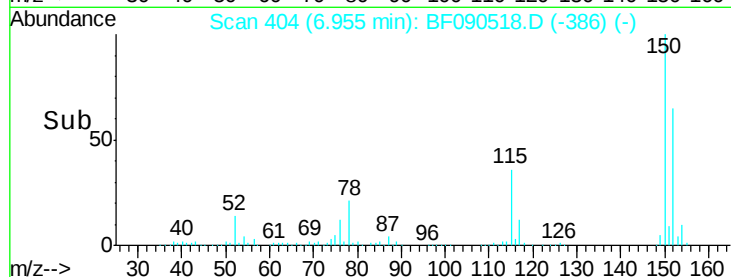
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090518.D
Acq: 11 Oct 2016 22:41

Instrument :
BNA_F
ClientSampleId :
S8-0616

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	56.0	46.2	69.4



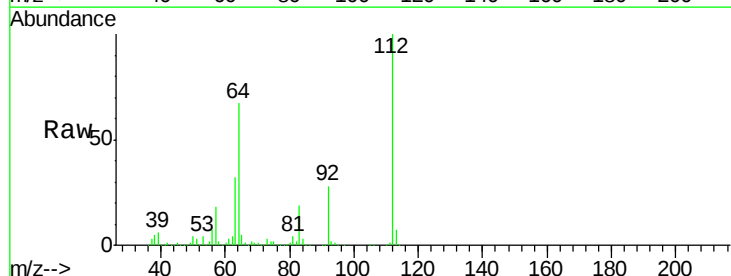
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



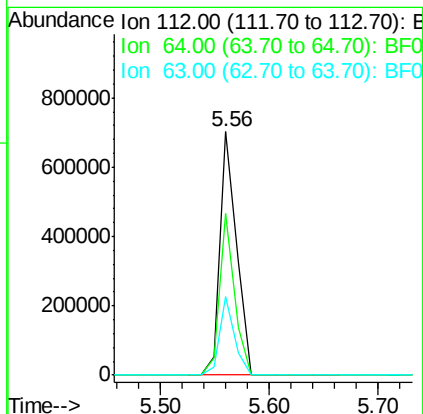
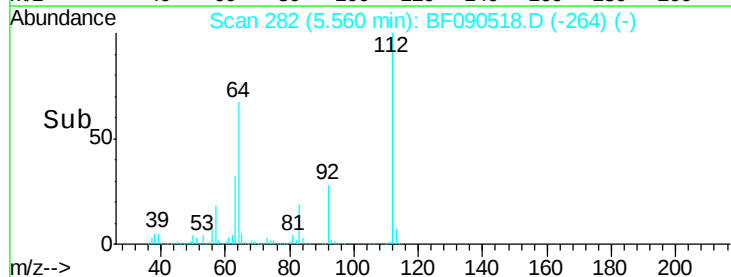
#5

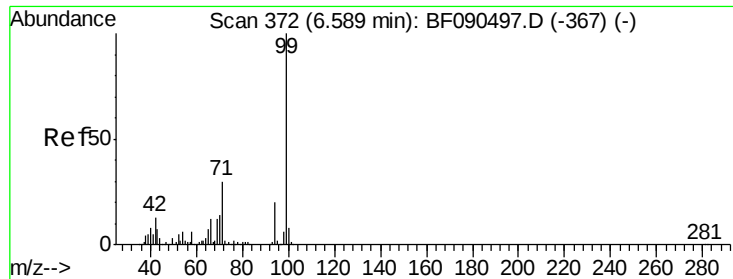
2-Fluorophenol
Concen: 52.44 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090518.D
Acq: 11 Oct 2016 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.9	86.9
63	32.0	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: 33.88 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

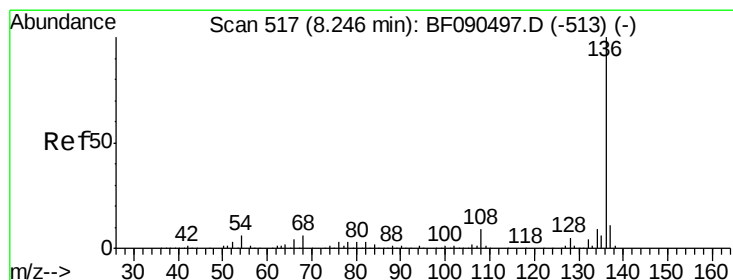
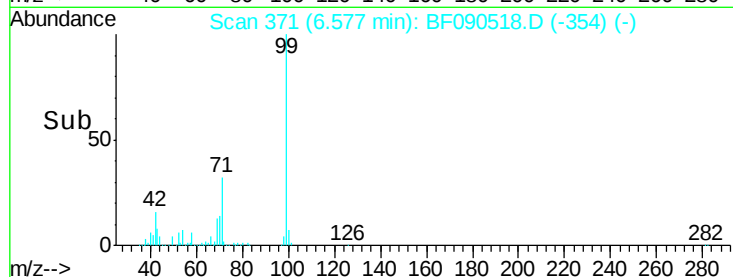
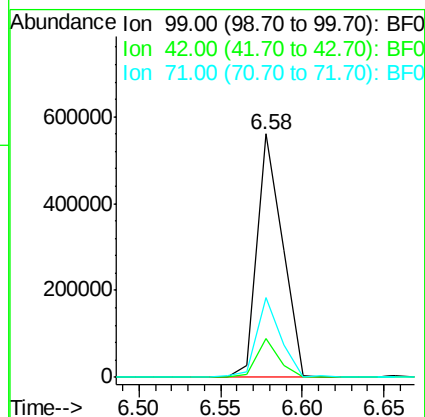
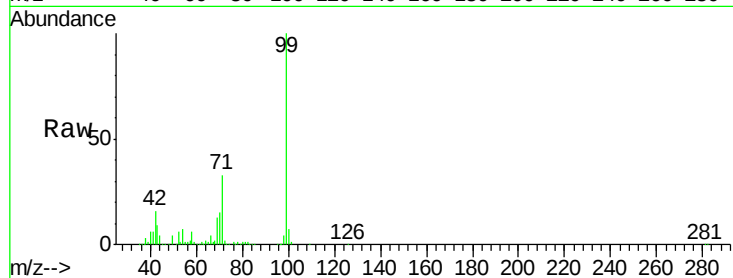
BNA_F

ClientSampleId :

S8-0616

Tot Ion: 99 Resp: 607732

Ion	Ratio	Lower	Upper
99	100		
42	16.0	20.0	30.0#
71	32.8	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

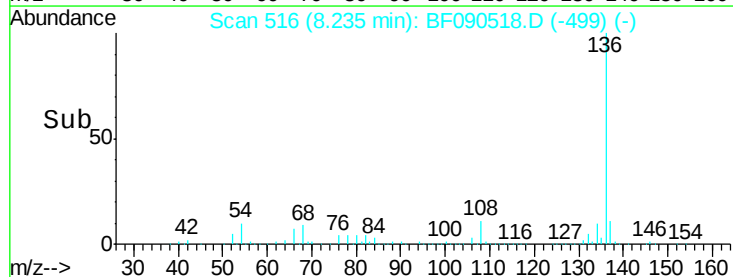
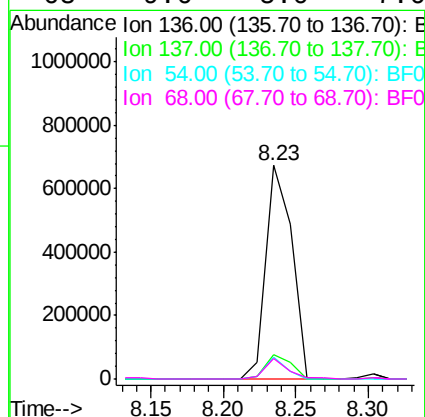
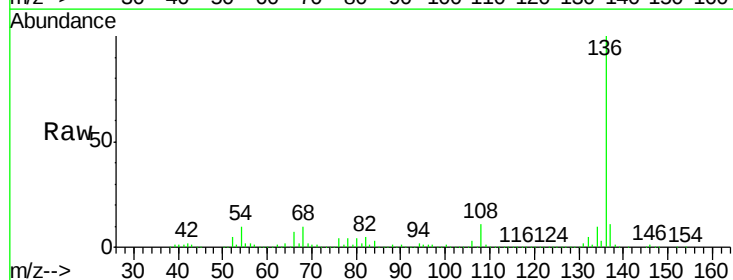
Delta R.T. -0.01 min

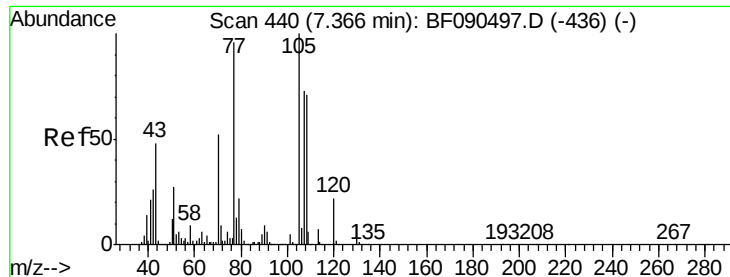
Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Tgt Ion: 136 Resp: 837597

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.5	6.6	10.0#
68	9.6	5.0	7.6#





#22

Acetophenone

Concen: 5.42 ng

RT: 7.35 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

Tot Ion:105 Resp: 100028

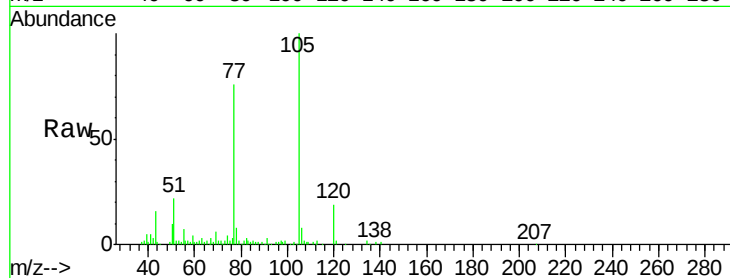
Ion Ratio Lower Upper

105 100

71 1.7 3.8 5.6#

51 22.3 28.2 42.4#

120 19.1 17.4 26.2

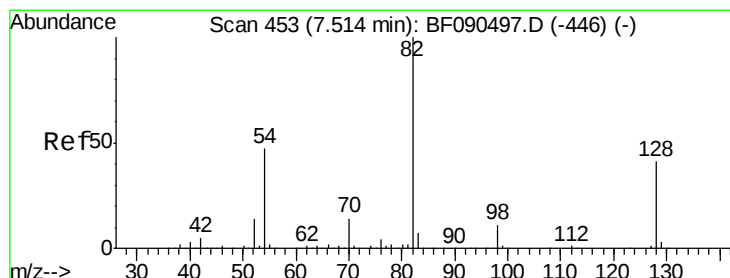
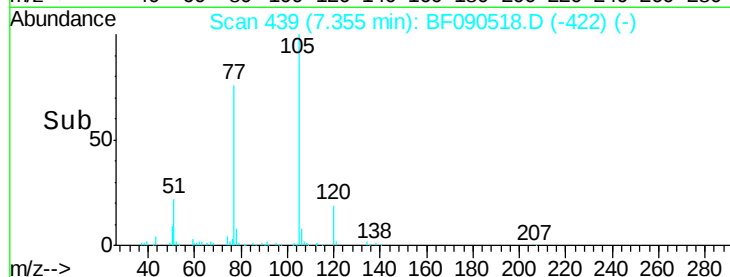
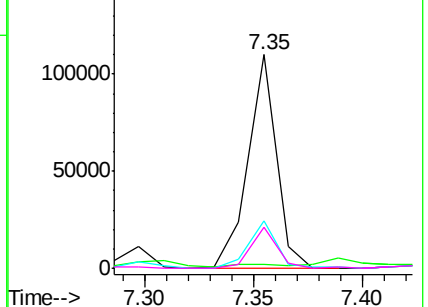


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 81.68 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

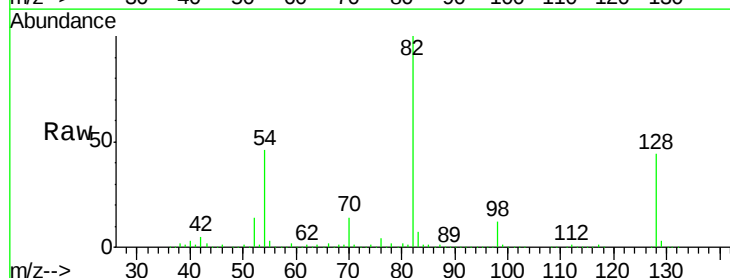
Tgt Ion: 82 Resp: 1261424

Ion Ratio Lower Upper

82 100

128 44.5 40.0 60.0

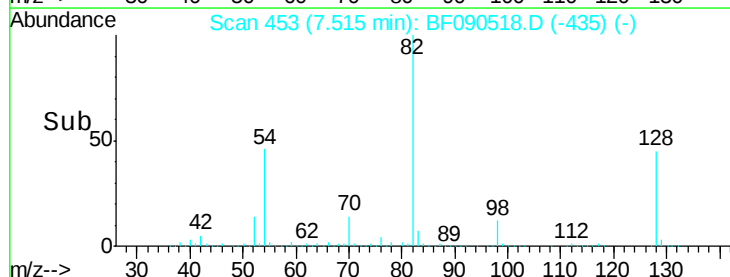
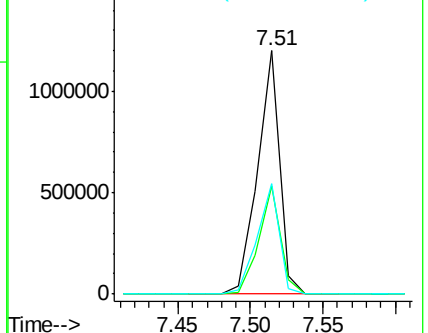
54 45.6 42.6 64.0

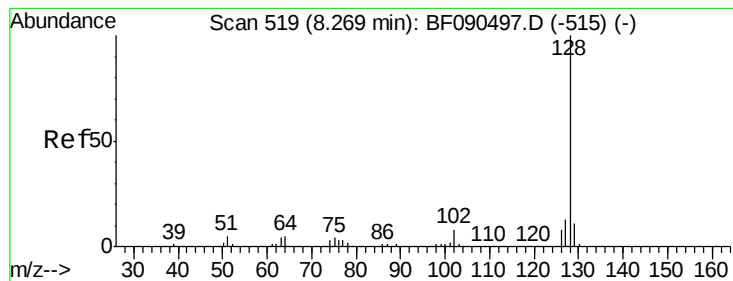


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 7.23 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

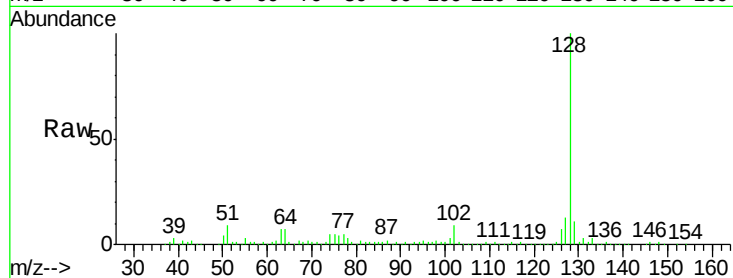
Tot Ion:128 Resp: 301585

Ion Ratio Lower Upper

128 100

129 11.4 9.7 14.5

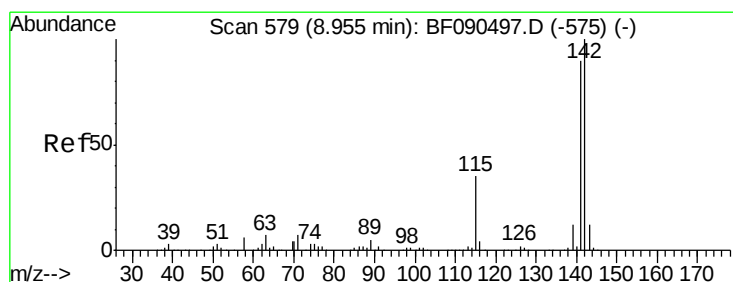
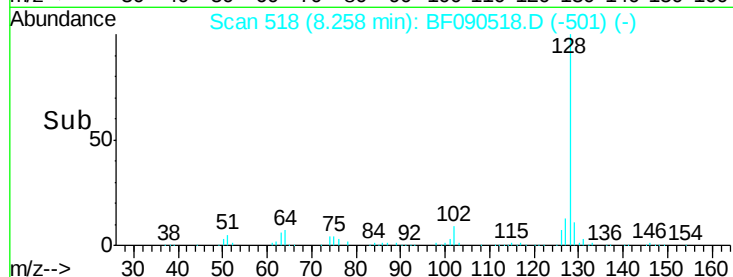
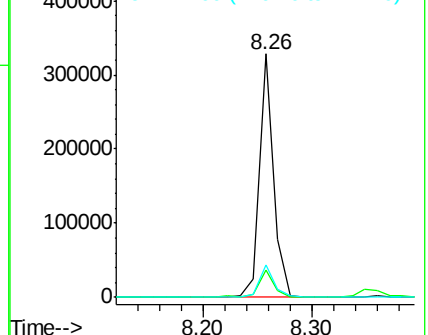
127 13.5 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 4.34 ng

RT: 8.95 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

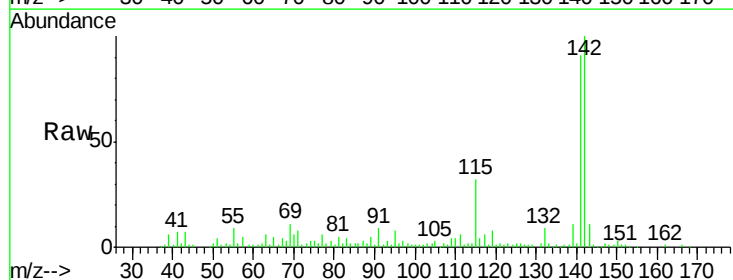
Tgt Ion:142 Resp: 121435

Ion Ratio Lower Upper

142 100

141 90.9 71.8 107.8

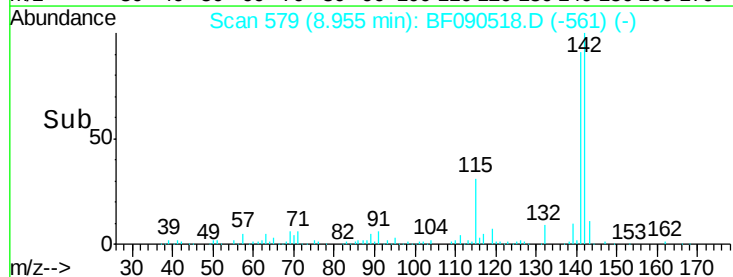
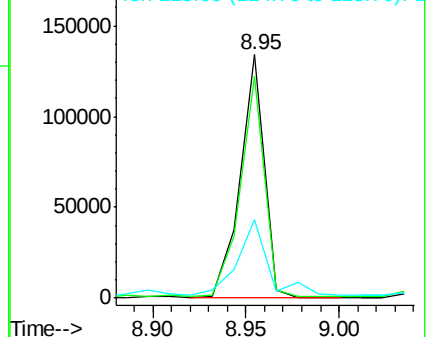
115 32.1 28.8 43.2

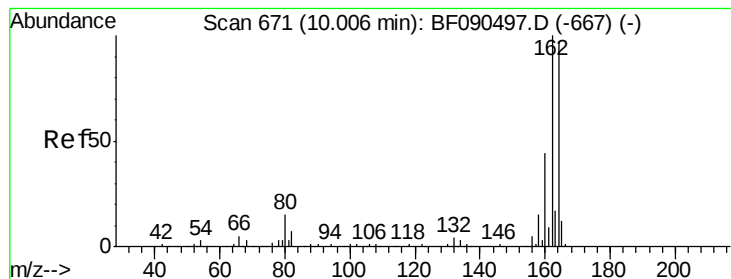


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

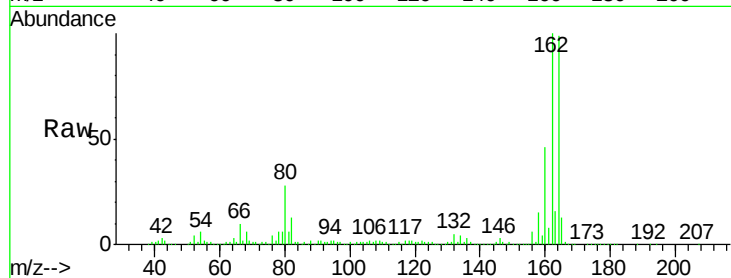
Tot Ion:164 Resp: 458911

Ion Ratio Lower Upper

164 100

162 101.4 80.1 120.1

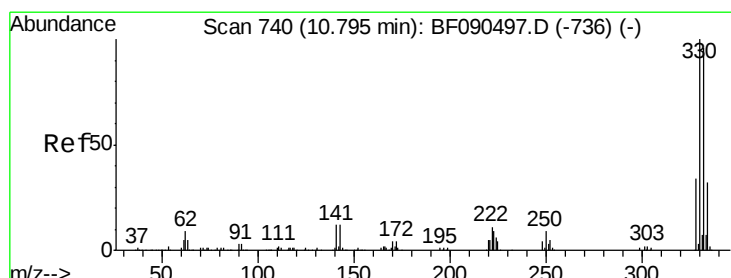
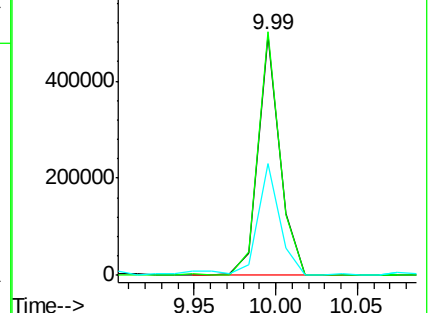
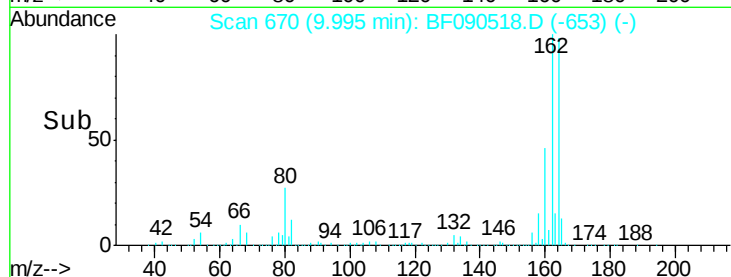
160 46.5 36.3 54.5



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: 156.76 ng

RT: 10.79 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

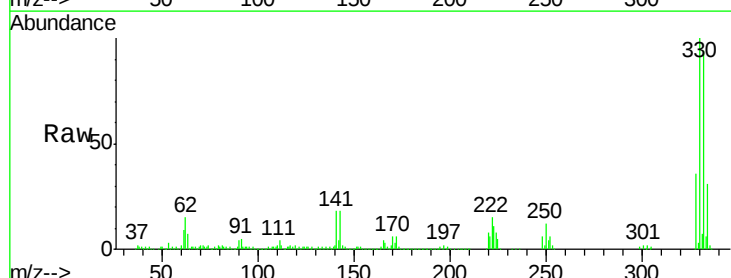
Tgt Ion:330 Resp: 713110

Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.0

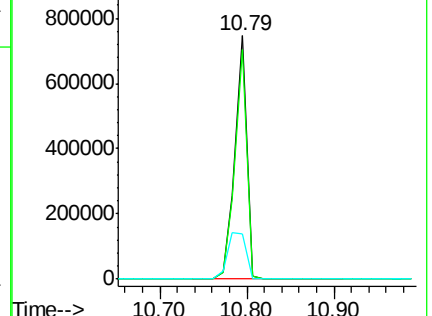
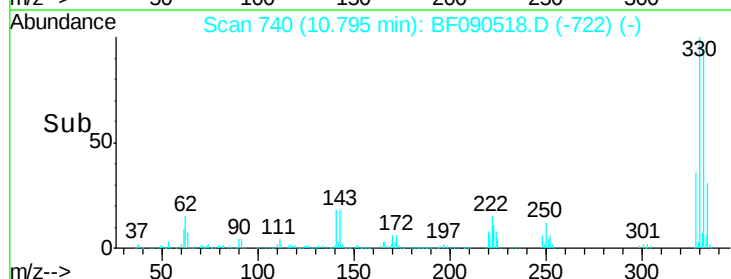
141 29.3 26.9 40.3

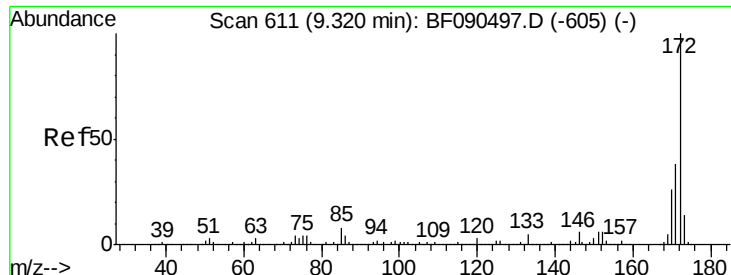


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



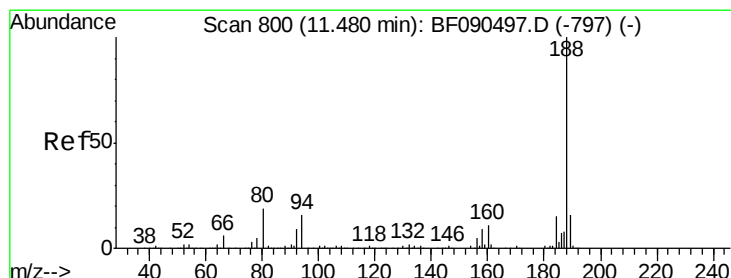
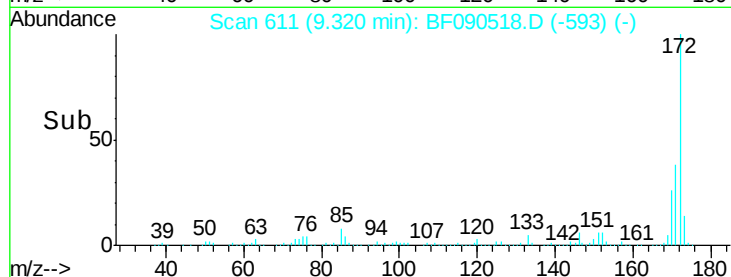
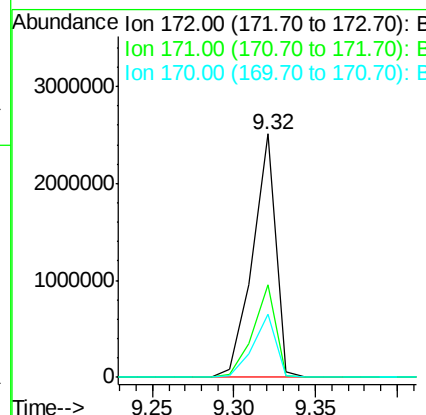
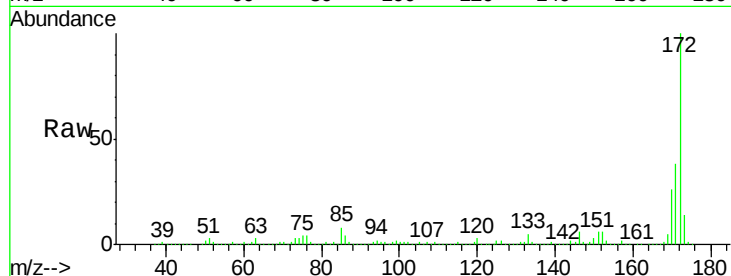


#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090518.D
 Acq: 11 Oct 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 S8-0616

Tot Ion:172 Resp: 2481877

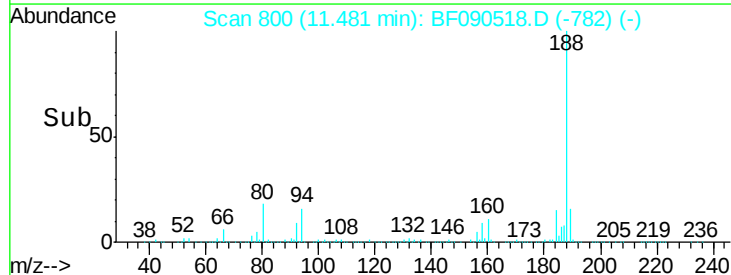
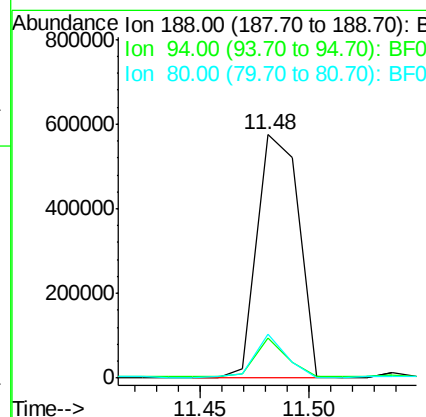
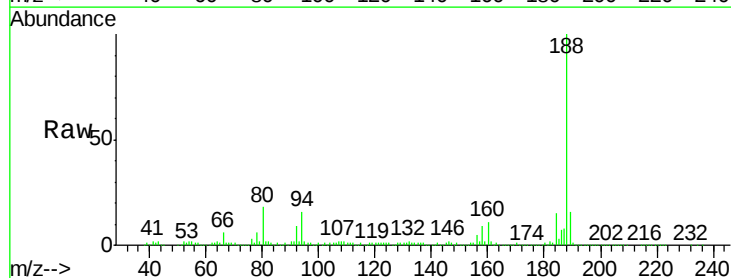
Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.8	47.8
170	25.9	21.7	32.5

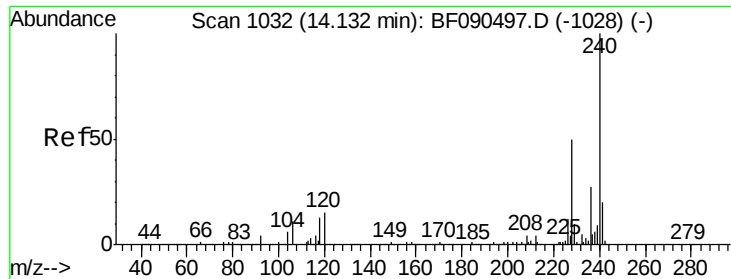


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090518.D
 Acq: 11 Oct 2016 22:41

Tgt Ion:188 Resp: 769160

Ion	Ratio	Lower	Upper
188	100		
94	16.3	8.2	12.2#
80	18.2	8.8	13.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

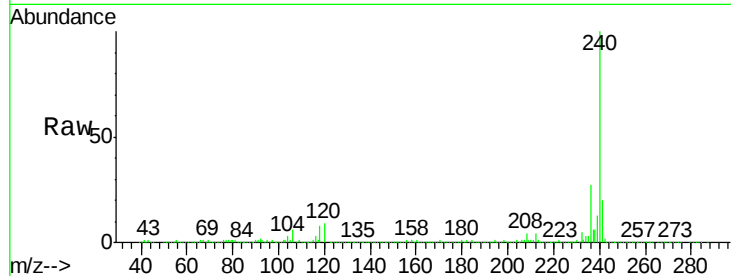
Tot Ion:240 Resp: 679098

Ion Ratio Lower Upper

240 100

120 9.2 8.6 13.0

236 26.8 21.6 32.4

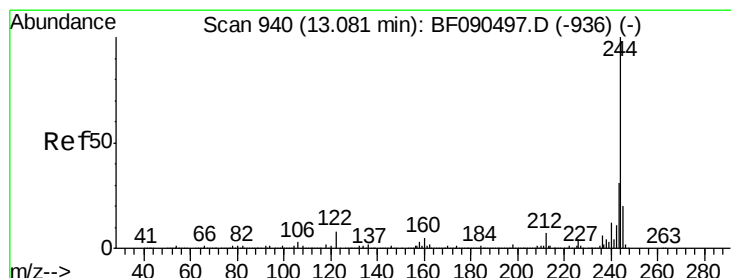
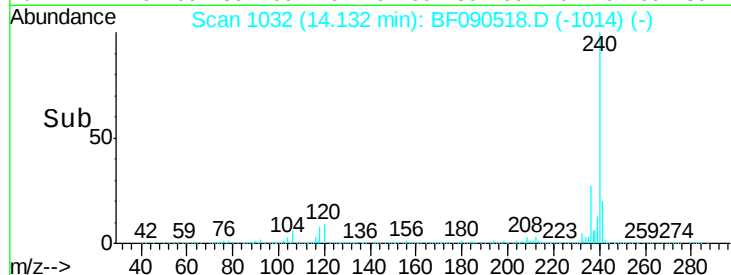
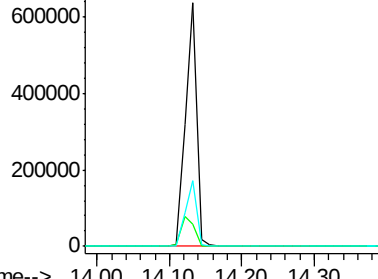


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.13



#78

Terphenyl-d14

Concen: 89.33 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

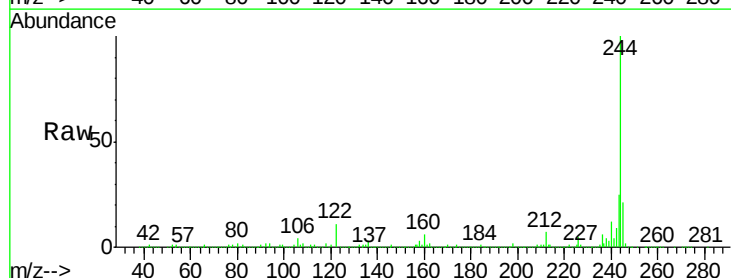
Tgt Ion:244 Resp: 2482380

Ion Ratio Lower Upper

244 100

212 7.3 6.8 10.2

122 10.7 13.3 19.9#

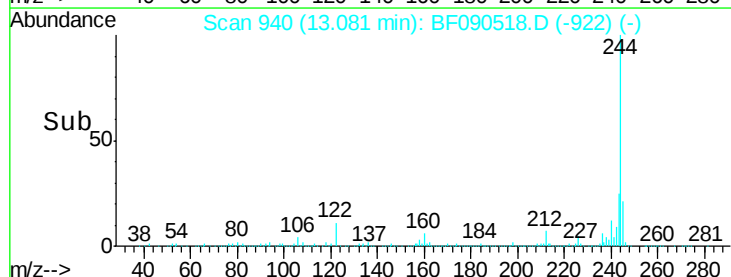
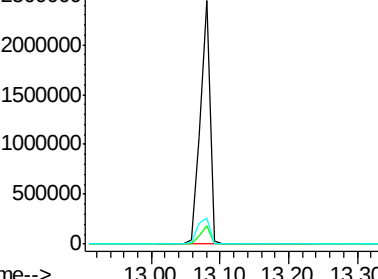


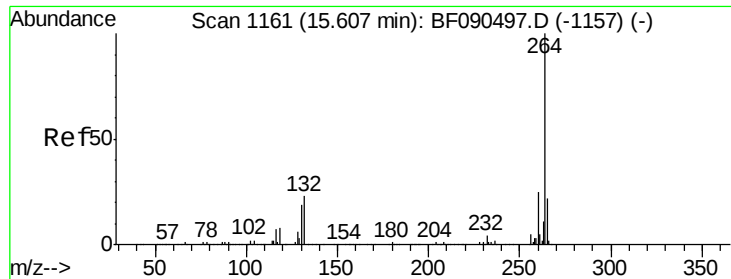
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.08





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090518.D
Acq: 11 Oct 2016 22:41

Instrument :
BNA_F
ClientSampleId :
S8-0616

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.2	17.4	26.0

