

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090568.D
 Acq On : 14 Oct 2016 14:17
 Operator : UM/SJ
 Sample : H5180-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 15:18:20 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 02:03:28 2016
 Response via : Initial Calibration

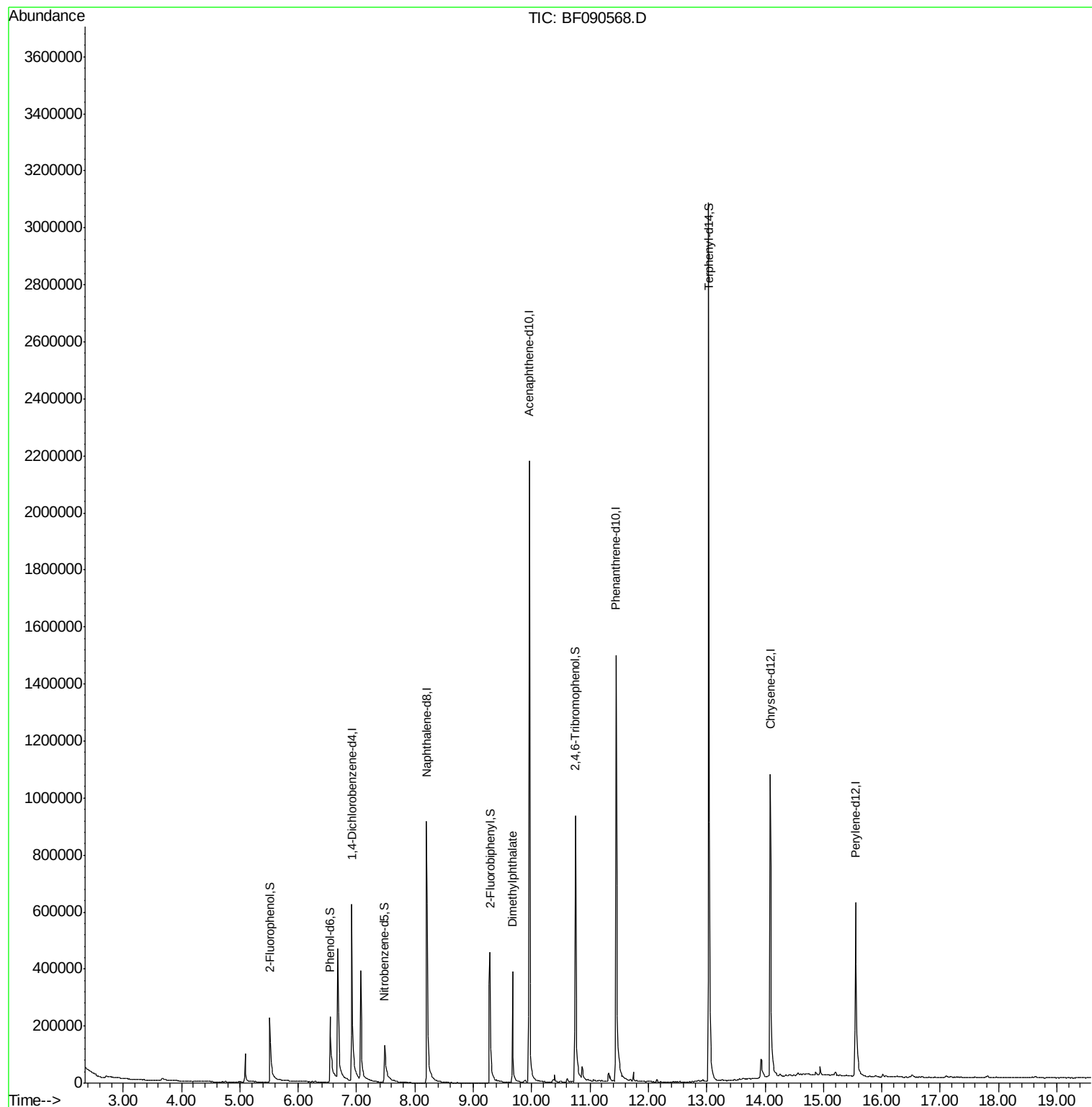
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	171962m	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	769904m	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	479301	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	748436	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	566964	20.00	ng	-0.01
86) Perylene-d12	15.55	264	366847	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	167124	17.82	ng	-0.01
7) Phenol-d6	6.54	99	267593	19.20	ng	-0.01
23) Nitrobenzene-d5	7.48	82	133994	9.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	129798	30.38	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	303458	10.43	ng	0.00
78) Terphenyl-d14	13.04	244	1084831	44.55	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.67	163	189196	6.08	ng	Qvalue 99

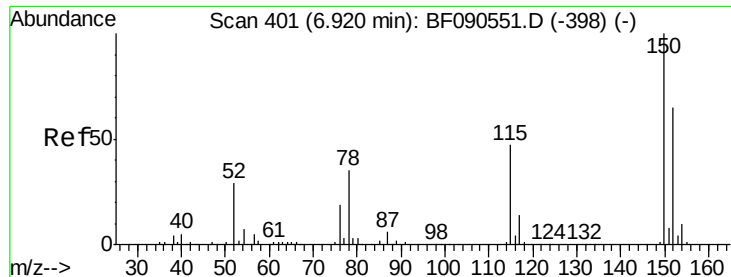
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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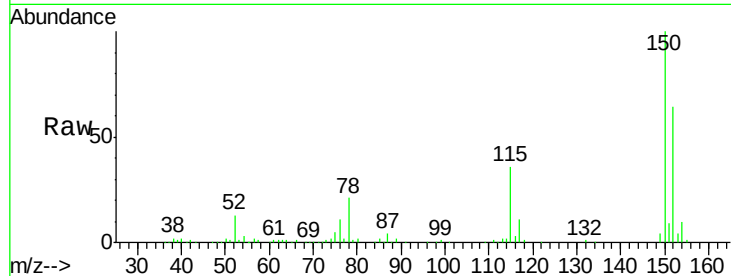


#1

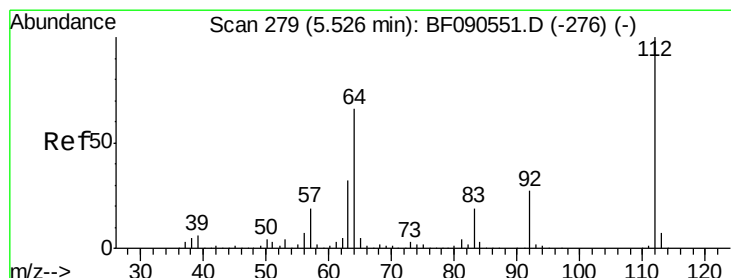
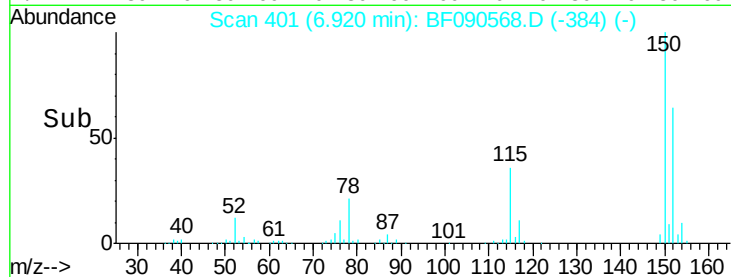
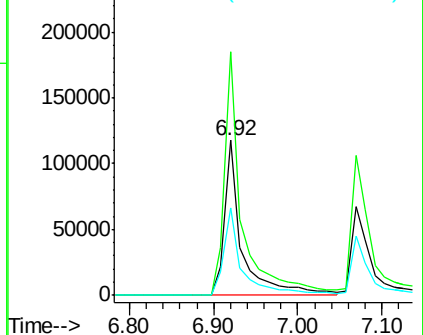
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.2	190.8
115	56.8	58.6	88.0



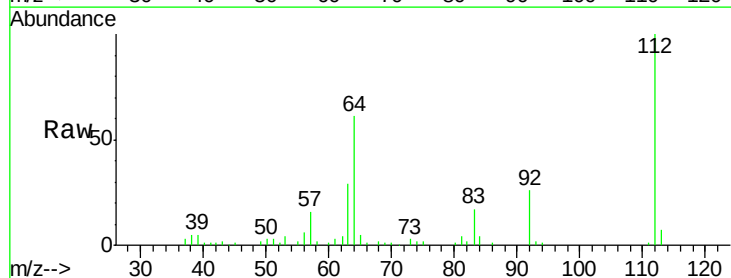
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



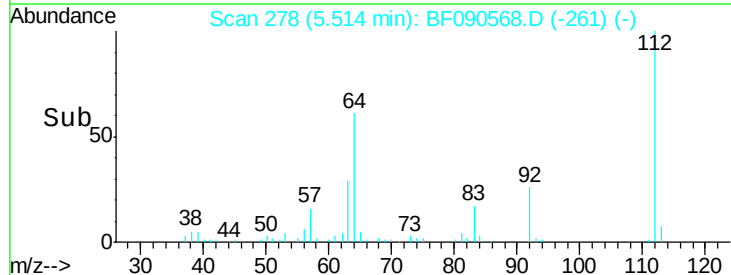
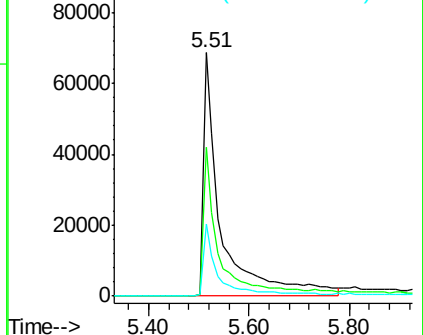
#5

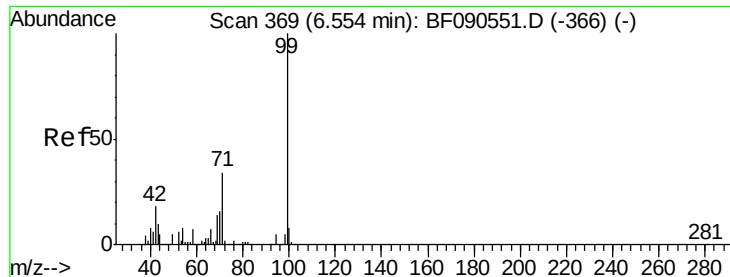
2-Fluorophenol
Concen: 17.82 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	52.6	78.8
63	29.4	26.0	39.0



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: 19.20 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

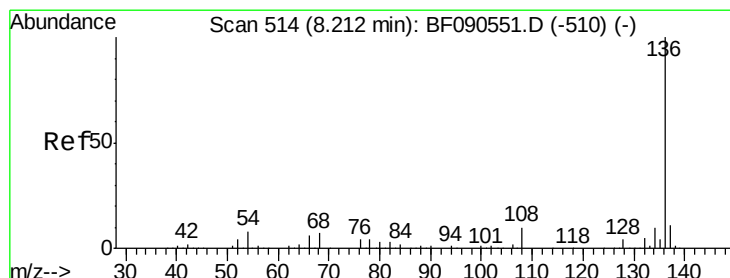
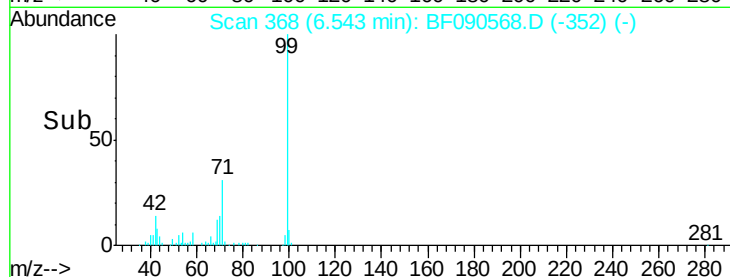
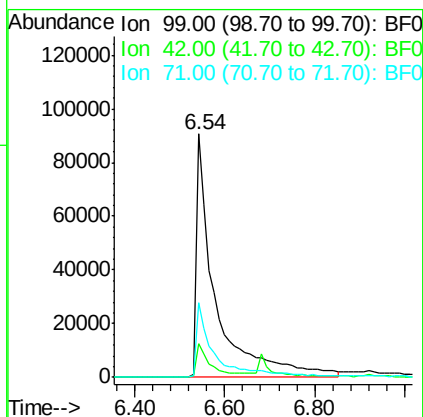
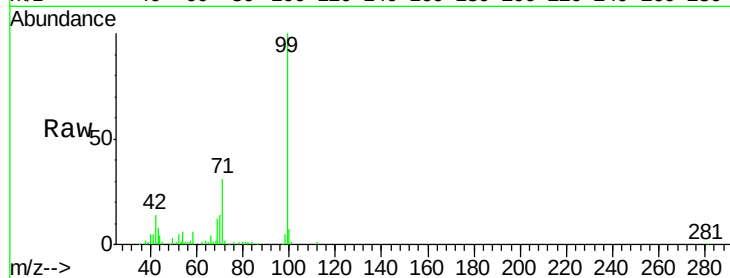
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 267593

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.7	22.1#
71	30.7	27.6	41.4



#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 8.20 min Scan# 513

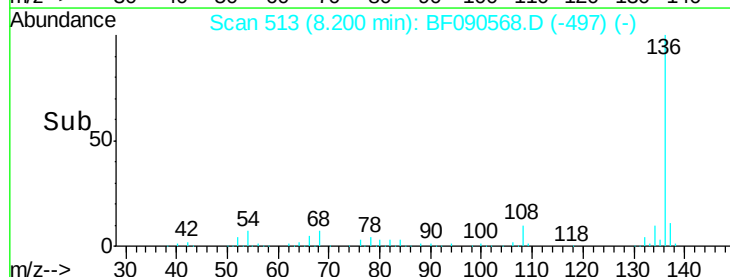
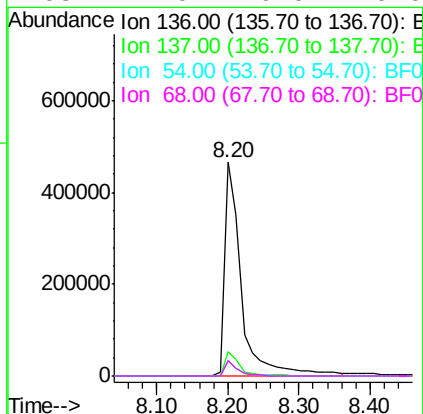
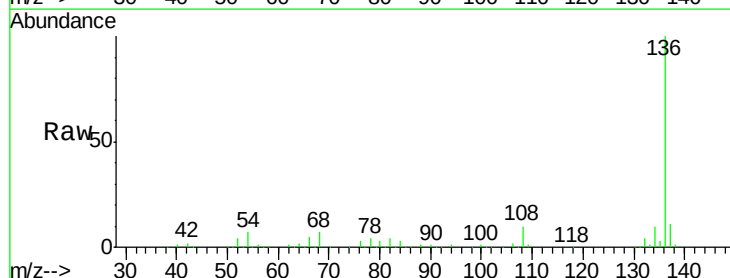
Delta R.T. -0.01 min

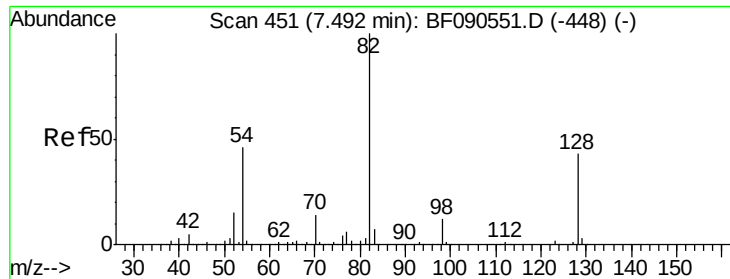
Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Tgt Ion: 136 Resp: 769904

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.4	6.8	10.2
68	7.0	6.0	9.0

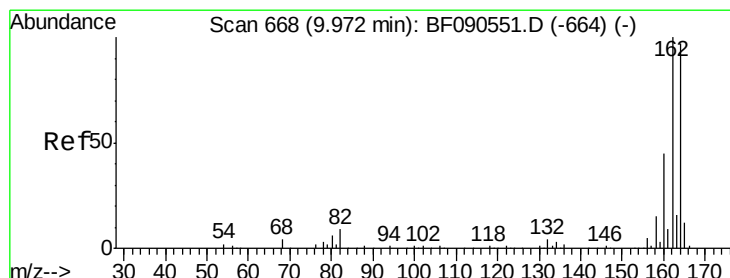
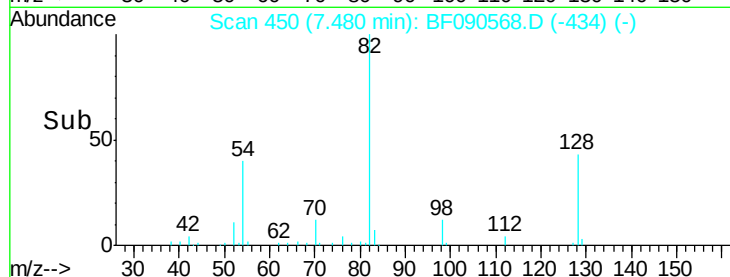
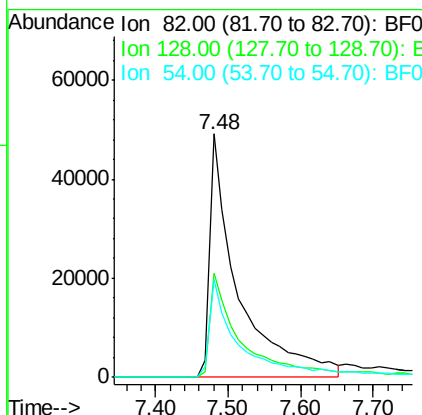
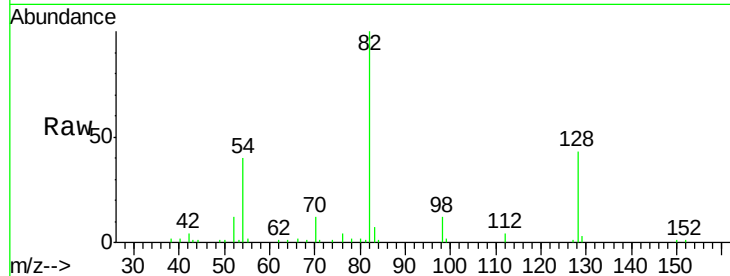




#23
Nitrobenzene-d5
Concen: 9.67 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

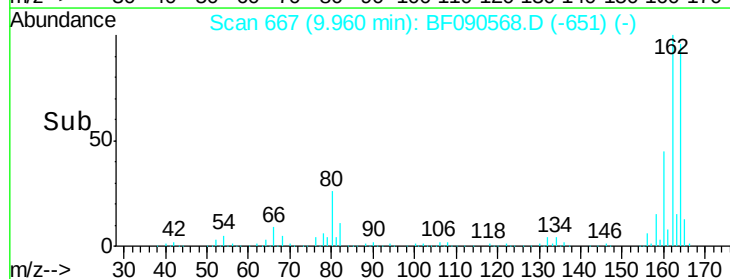
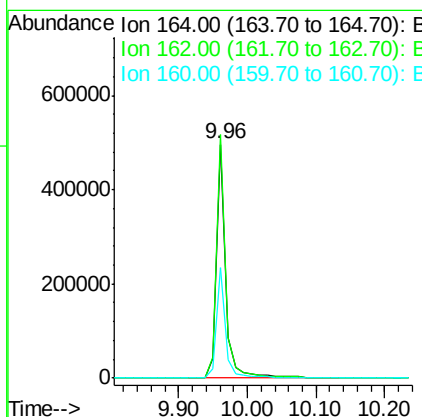
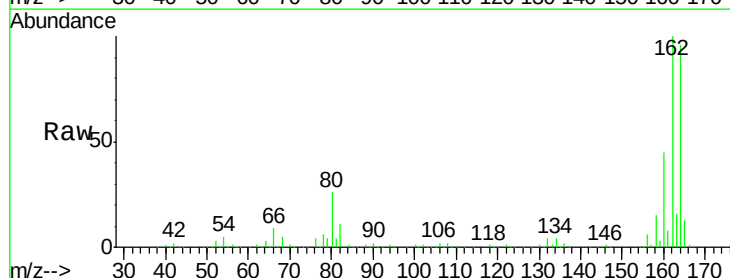
Instrument :
BNA_F
ClientSampleId :

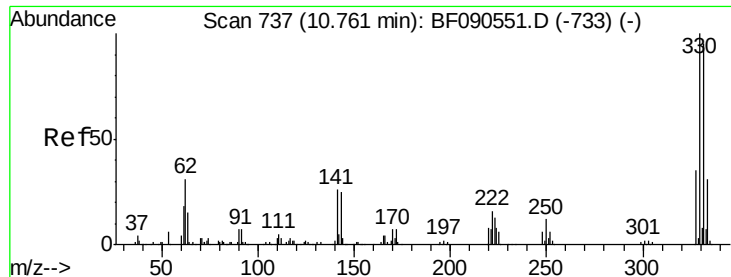
Tot Ion	82	Resp	133994
Ion Ratio	Lower	Upper	
82	100		
128	42.5	34.3	51.5
54	40.4	37.0	55.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

Tgt Ion	164	Resp	479301
Ion Ratio	Lower	Upper	
164	100		
162	104.2	82.2	123.4
160	47.4	36.6	55.0

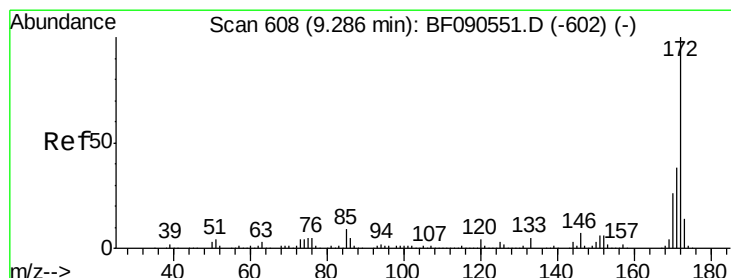
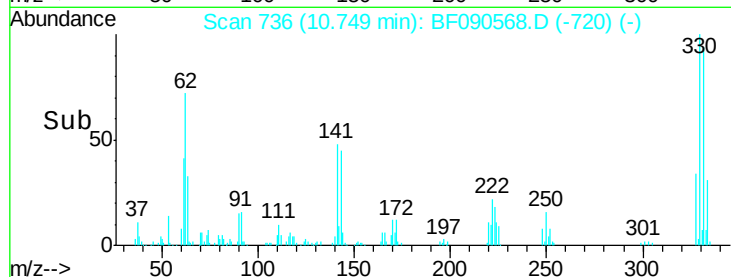
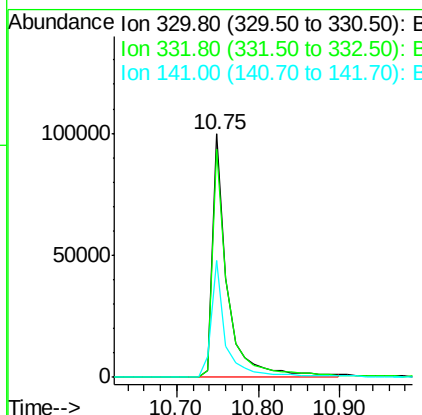
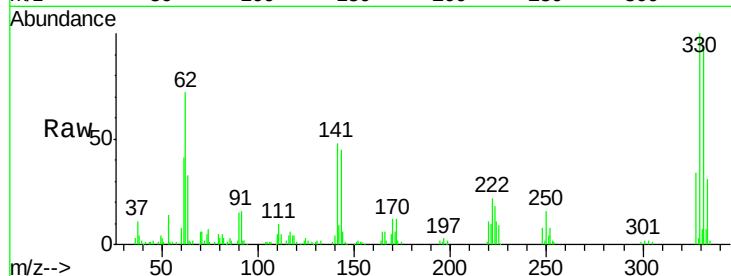




#41
 2,4,6-Tribromophenol
 Concen: 30.38 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090568.D
 Acq: 14 Oct 2016 14:17

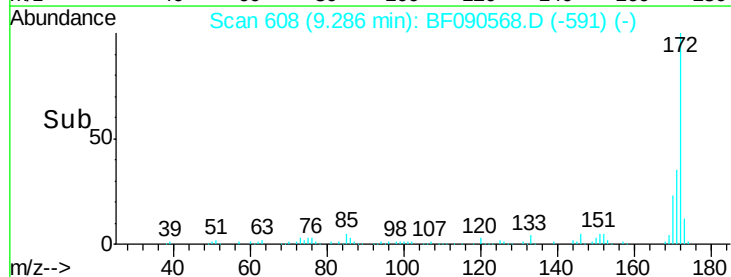
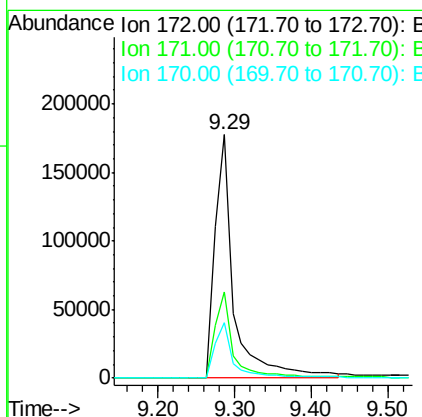
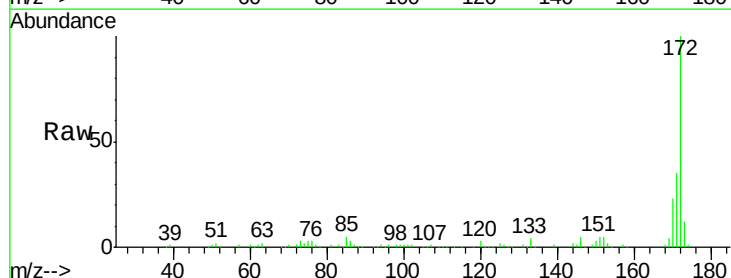
Instrument :
 BNA_F
 ClientSampled :

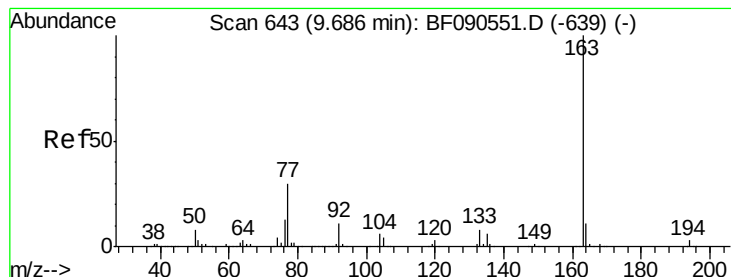
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.2
141	47.8	31.4	47.2#



#44
 2-Fluorobiphenyl
 Concen: 10.43 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090568.D
 Acq: 14 Oct 2016 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.1	45.1
170	23.0	20.6	30.8





#49

Dimethylphthalate

Concen: 6.08 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Instrument :

BNA_F

ClientSampled :

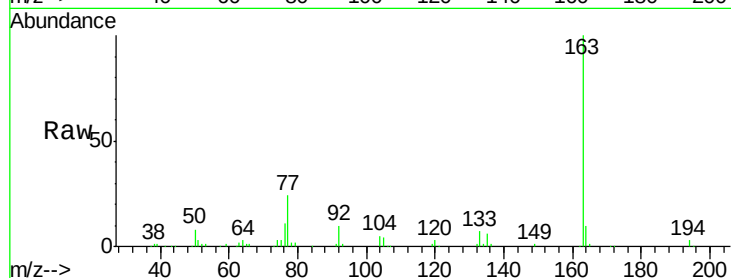
Tot Ion:163 Resp: 189196

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

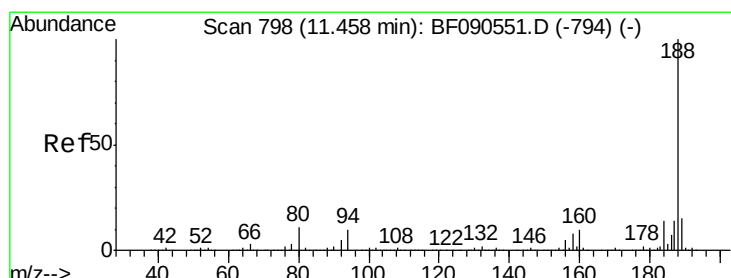
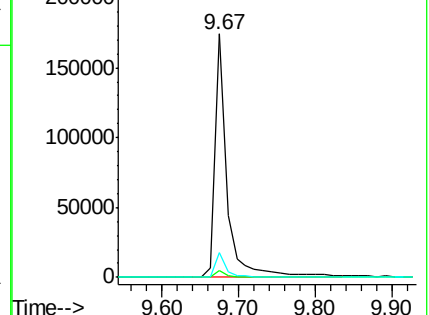
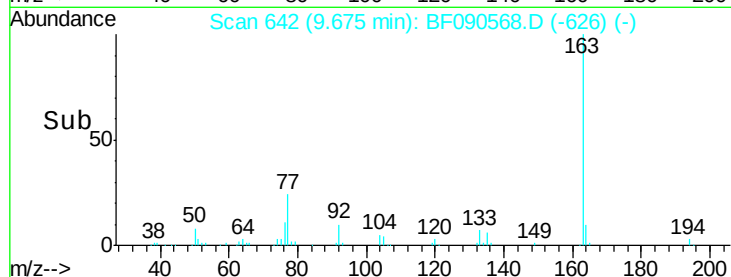
164 10.2 8.6 13.0



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: 11.45 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

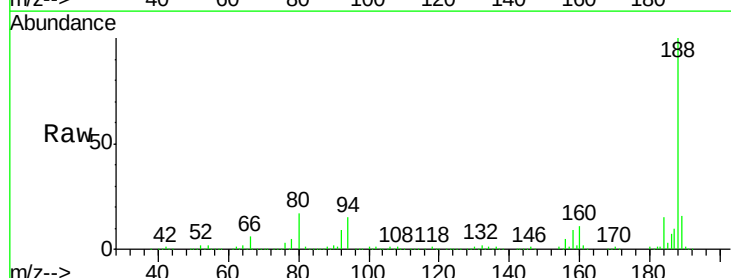
Tgt Ion:188 Resp: 748436

Ion Ratio Lower Upper

188 100

94 14.8 7.7 11.5#

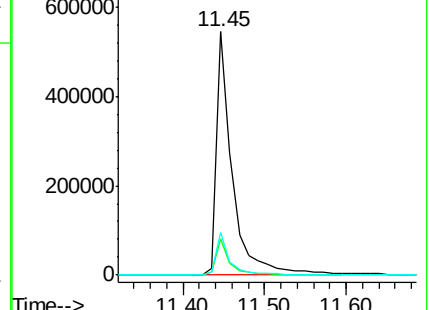
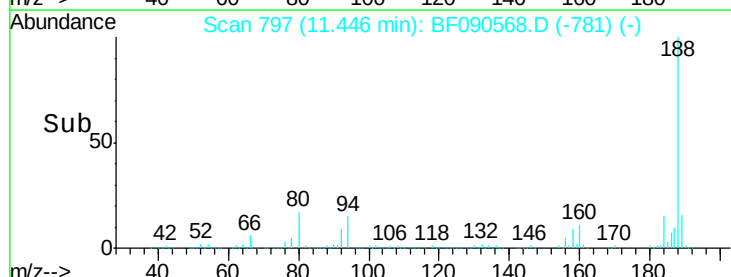
80 17.3 8.6 12.8#

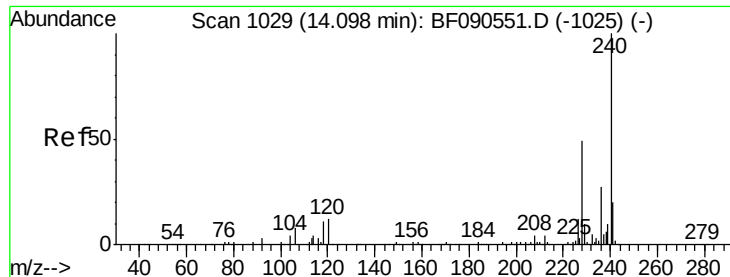


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Instrument :

BNA_F

ClientSampleId :

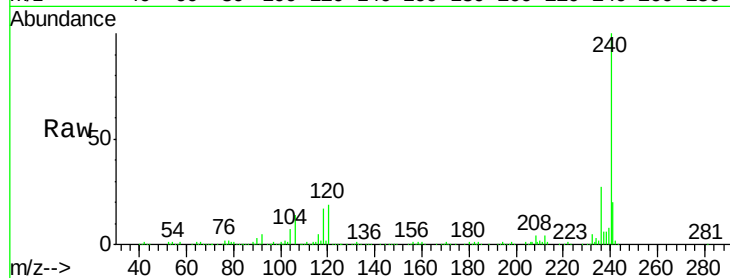
Tot Ion:240 Resp: 566964

Ion Ratio Lower Upper

240 100

120 19.0 9.8 14.8#

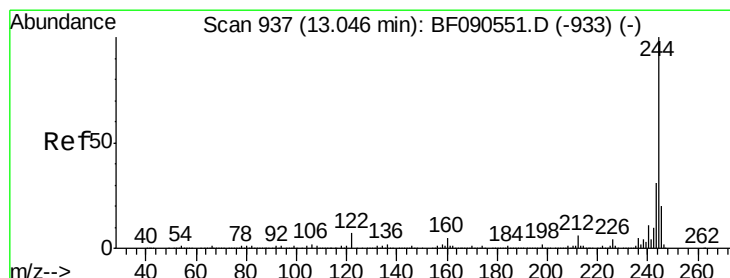
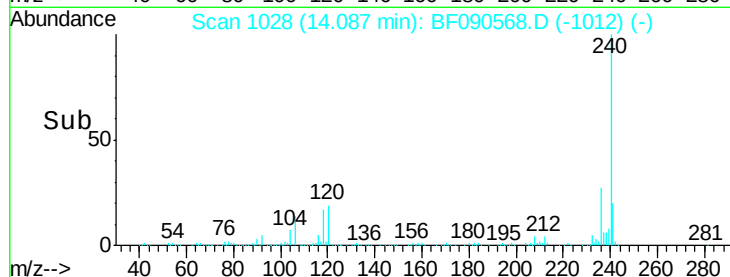
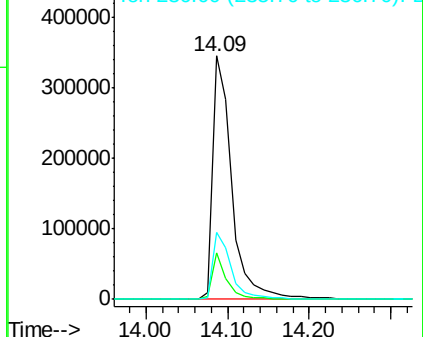
236 27.4 21.7 32.5



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: 44.55 ng

RT: 13.04 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

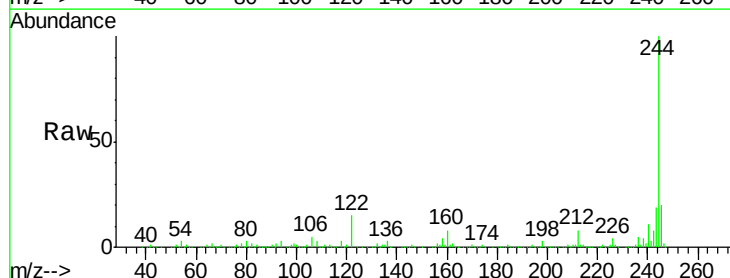
Tgt Ion:244 Resp: 1084831

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

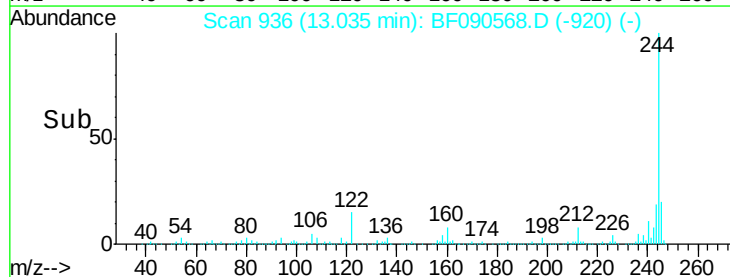
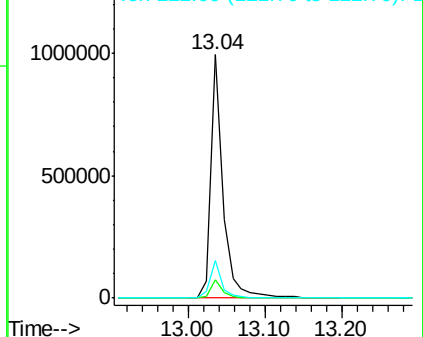
122 15.5 5.6 8.4#

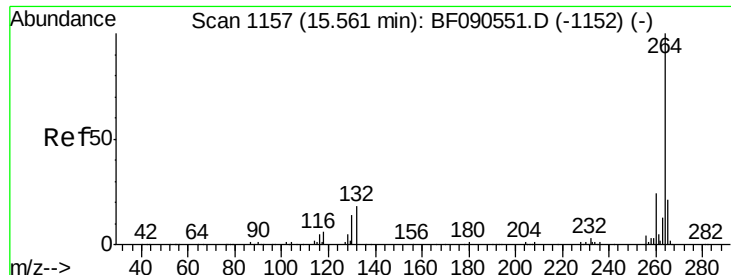


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.2	16.7	25.1

