

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090513.D
 Acq On : 11 Oct 2016 20:24
 Operator : UM/SJ
 Sample : H5146-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617

Quant Time: Oct 12 00:58:29 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	202858	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	831774	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	461466	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	770369	20.00	ng	0.00
75) Chrysene-d12	14.12	240	690520	20.00	ng	-0.01
86) Perylene-d12	15.60	264	556803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	718480	55.10	ng	0.00
7) Phenol-d6	6.58	99	599828	36.45	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1317606	85.92	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	451239	98.64	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2443913	89.00	ng	0.00
78) Terphenyl-d14	13.08	244	2946981	104.30	ng	0.00

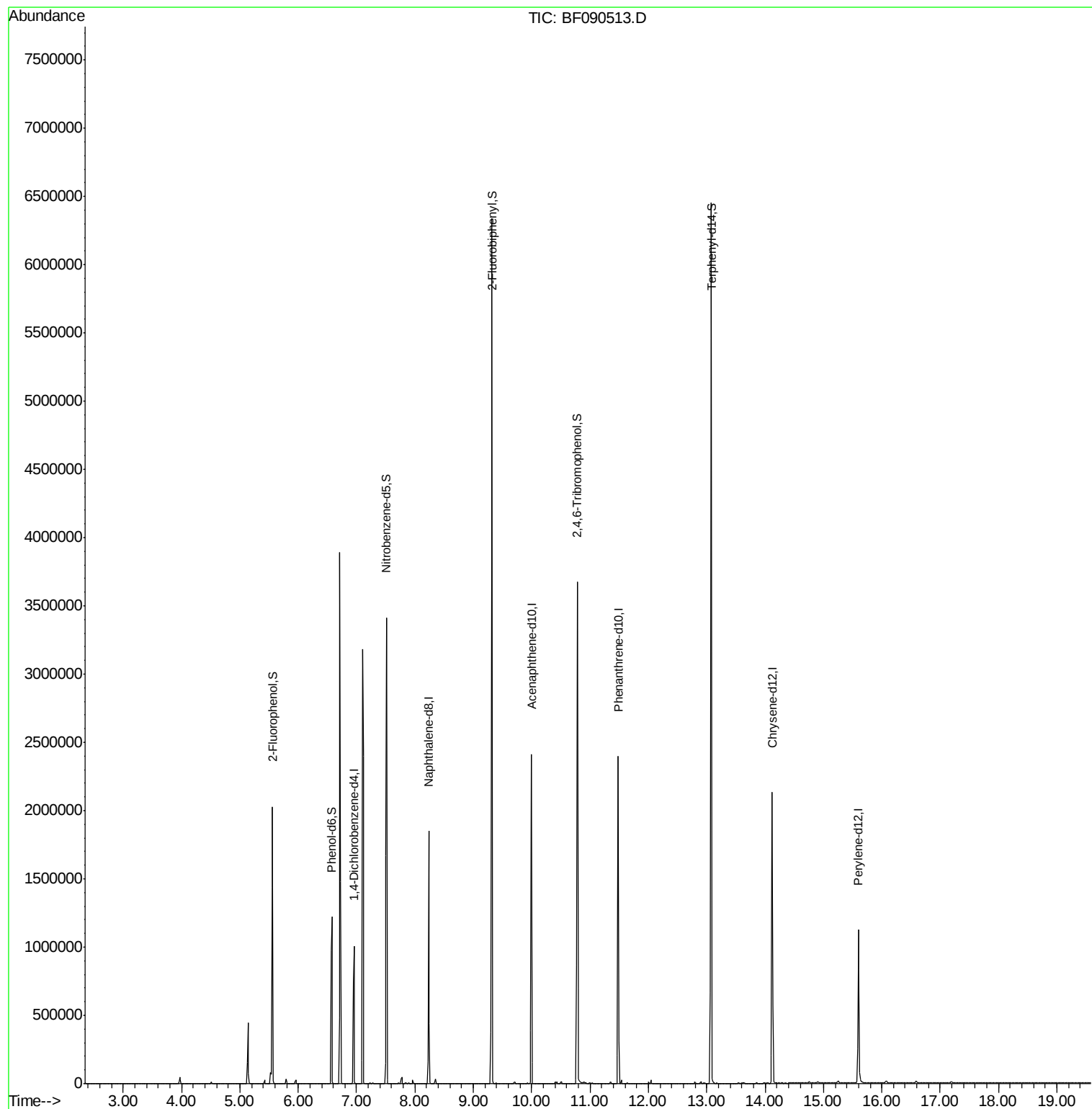
Target Compounds Qvalue

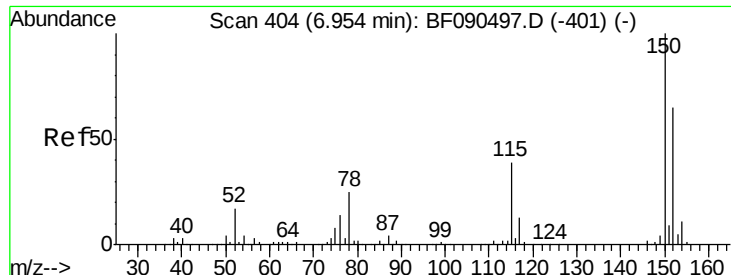
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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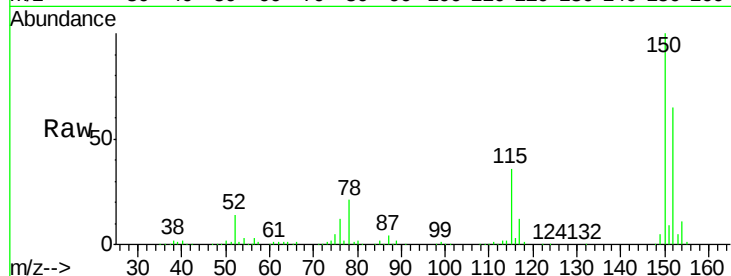


#1

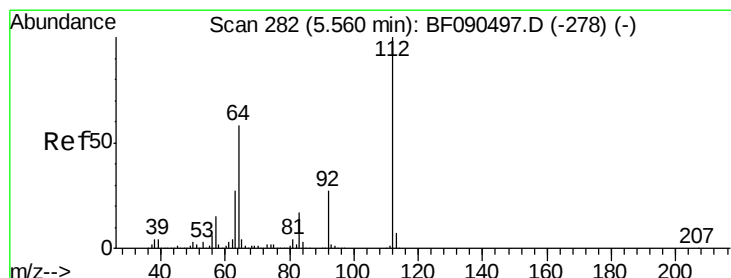
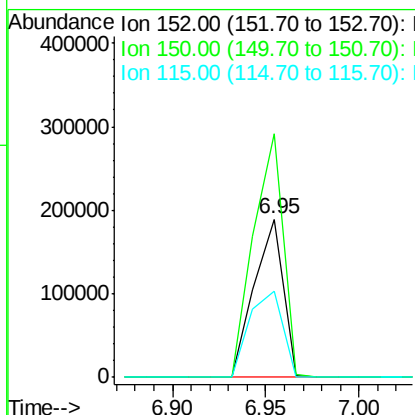
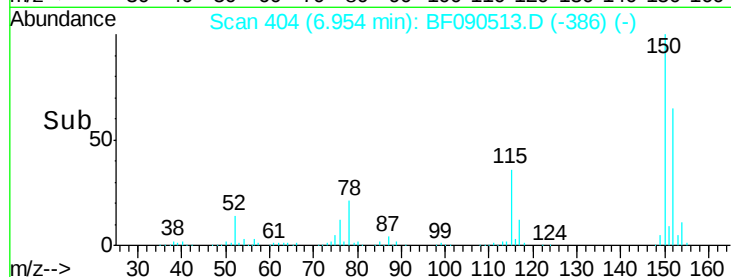
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	54.8	46.2	69.4



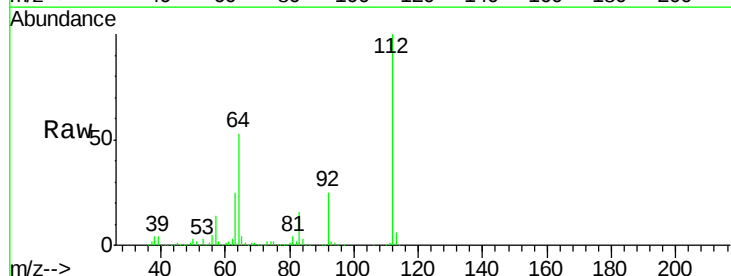
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



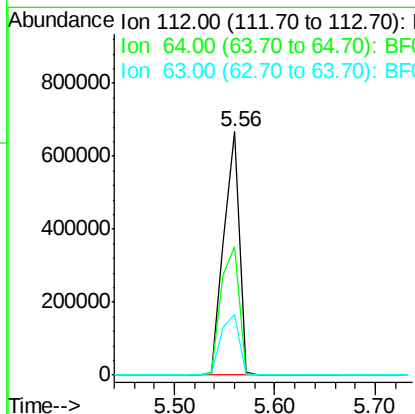
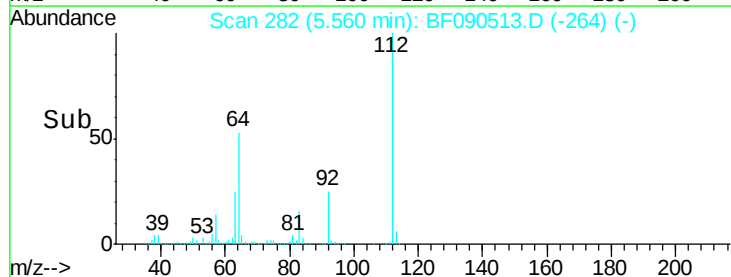
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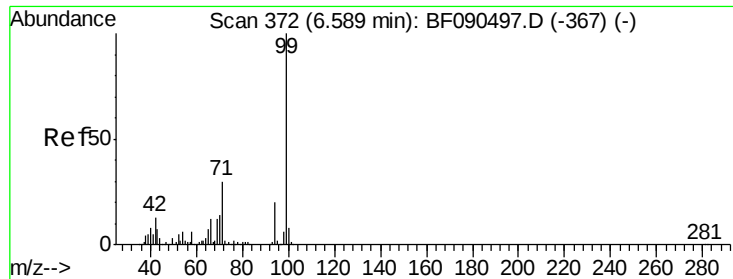
2-Fluorophenol
Concen: 55.10 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	57.9	86.9#
63	25.0	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: 36.45 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090513.D

Acq: 11 Oct 2016 20:24

Instrument :

BNA_F

ClientSampleId :

S8-0617

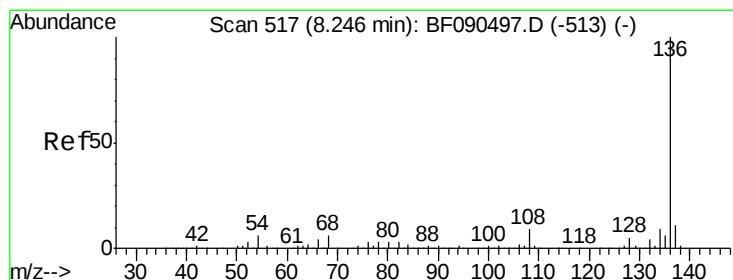
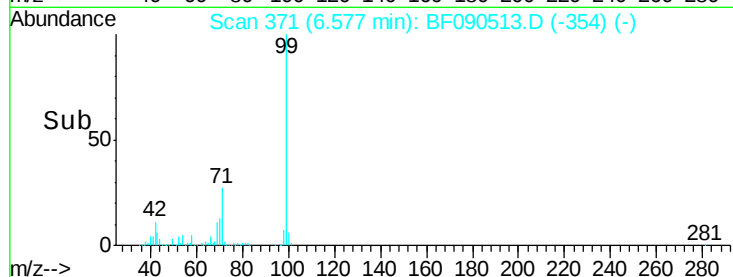
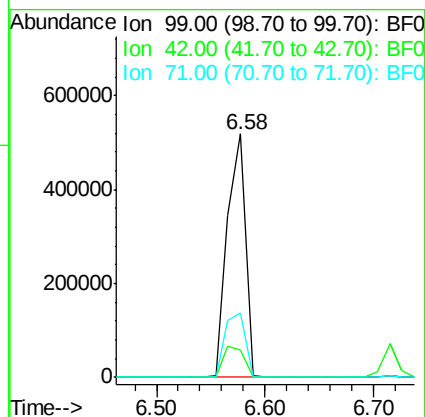
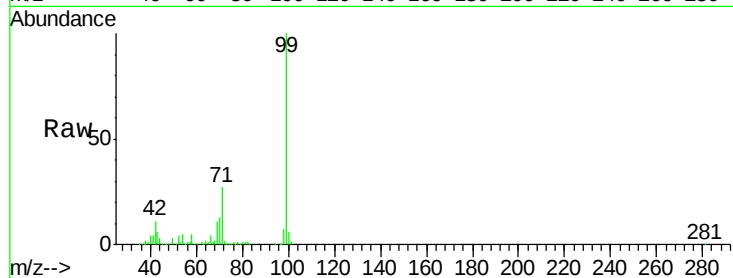
Tot Ion: 99 Resp: 599828

Ion Ratio Lower Upper

99 100

42 11.1 20.0 30.0#

71 26.6 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: BF090513.D

Acq: 11 Oct 2016 20:24

Tgt Ion: 136 Resp: 831774

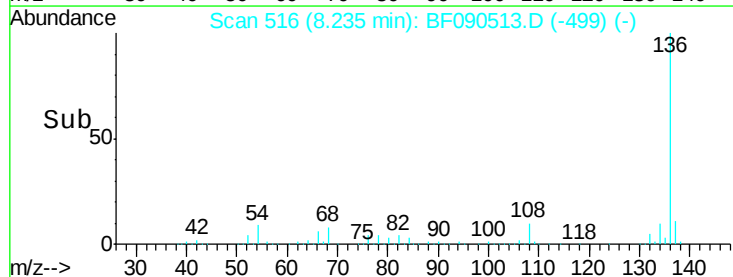
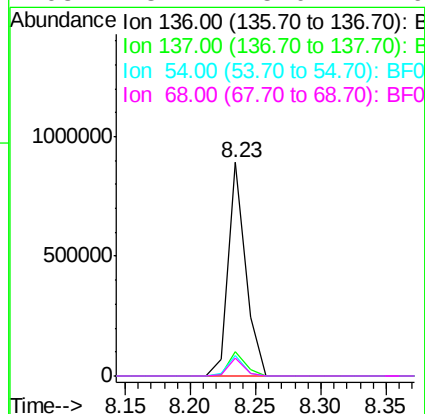
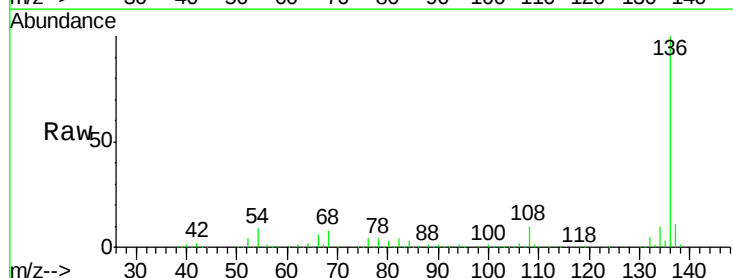
Ion Ratio Lower Upper

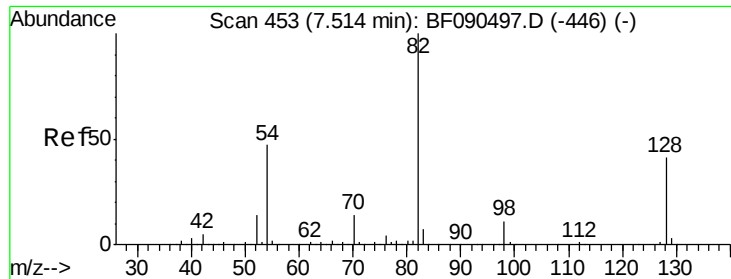
136 100

137 11.3 9.0 13.6

54 9.4 6.6 10.0

68 8.4 5.0 7.6#

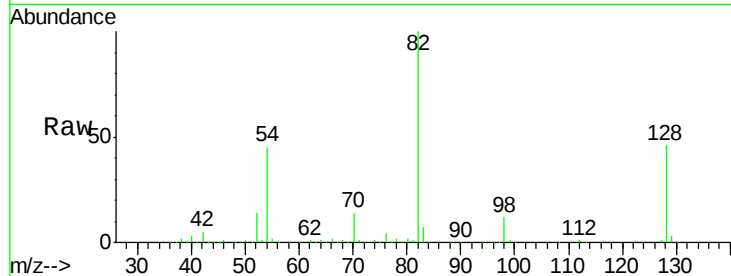




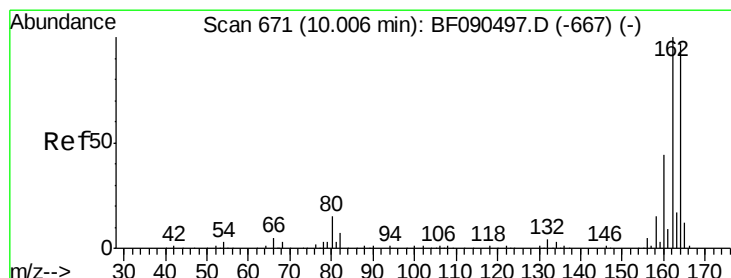
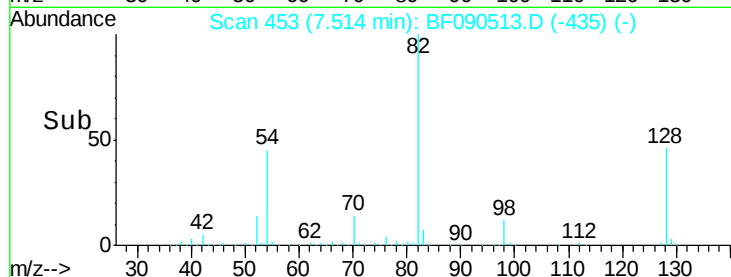
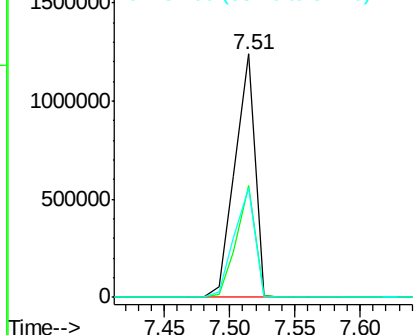
#23
 Nitrobenzene-d5
 Concen: 85.92 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090513.D
 Acq: 11 Oct 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617

Tot Ion: 82 Resp: 1317606
 Ion Ratio Lower Upper
 82 100
 128 45.7 40.0 60.0
 54 44.7 42.6 64.0

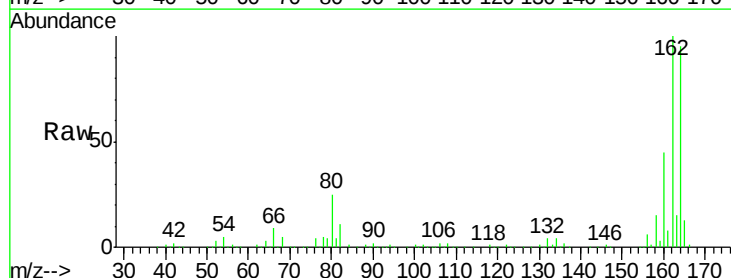


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

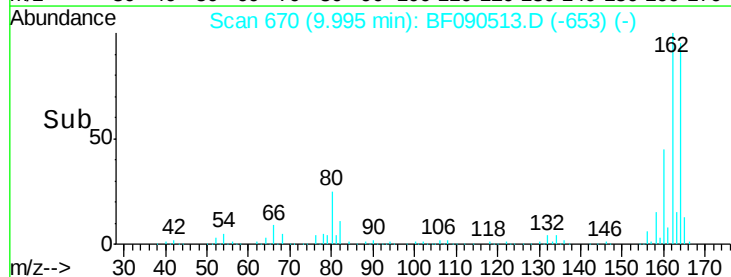
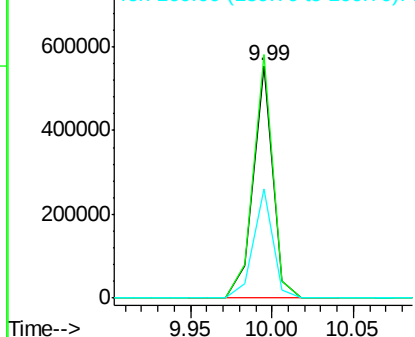


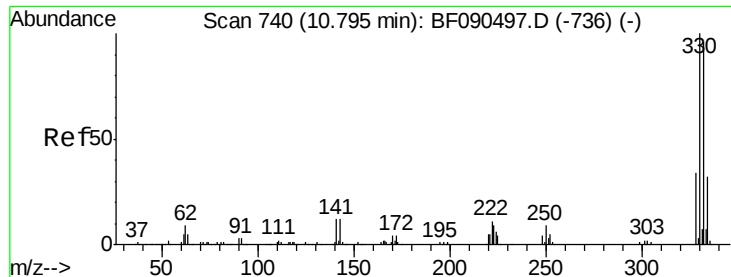
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090513.D
 Acq: 11 Oct 2016 20:24

Tgt Ion:164 Resp: 461466
 Ion Ratio Lower Upper
 164 100
 162 104.9 80.1 120.1
 160 47.1 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

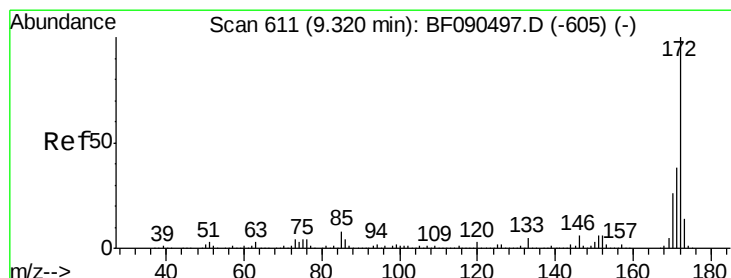
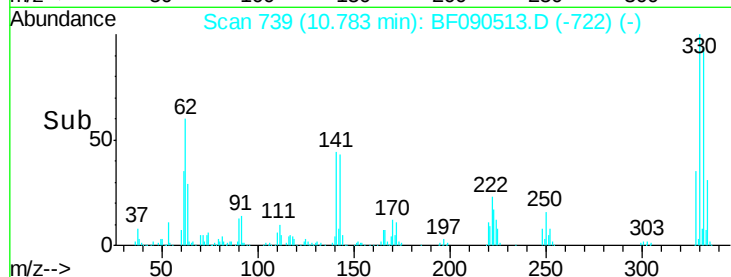
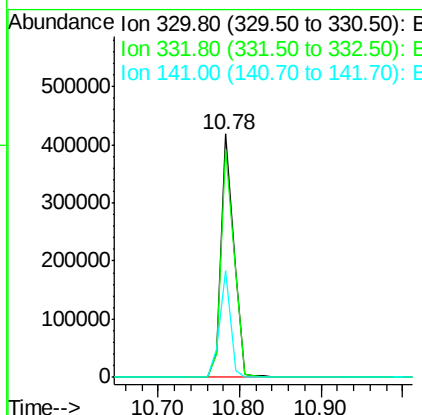
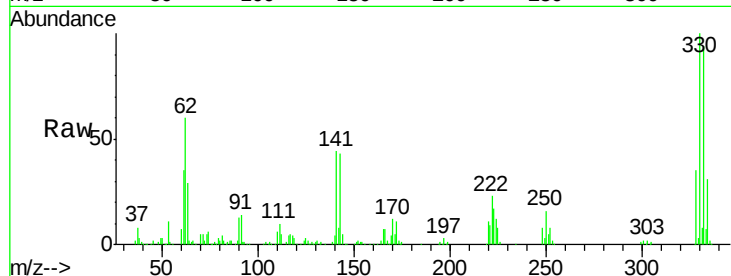




#41
 2,4,6-Tribromophenol
 Concen: 98.64 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090513.D
 Acq: 11 Oct 2016 20:24

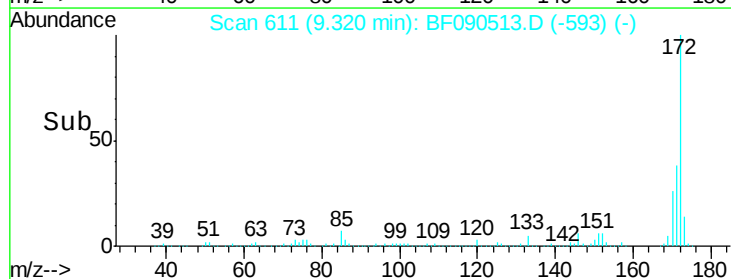
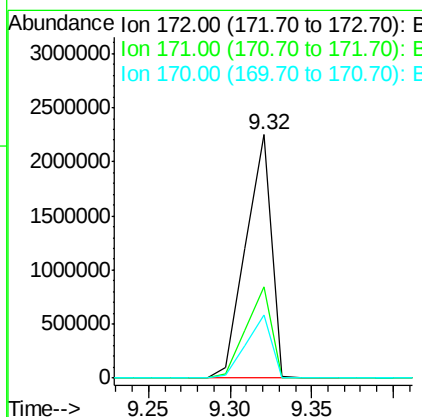
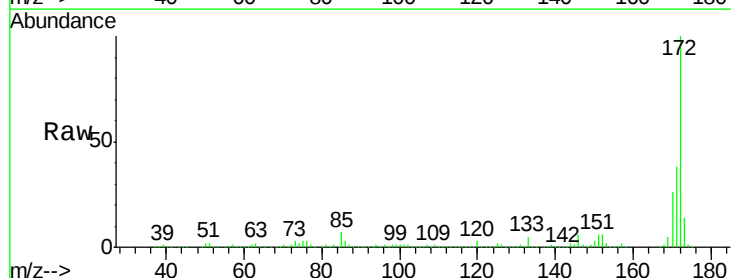
Instrument :
 BNA_F
 ClientSampled :
 S8-0617

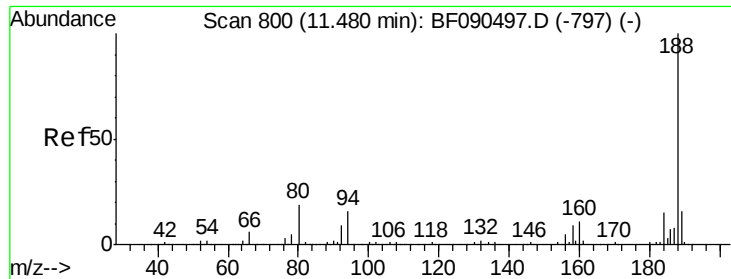
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.0
141	38.3	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 89.00 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090513.D
 Acq: 11 Oct 2016 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.8
170	25.7	21.7	32.5

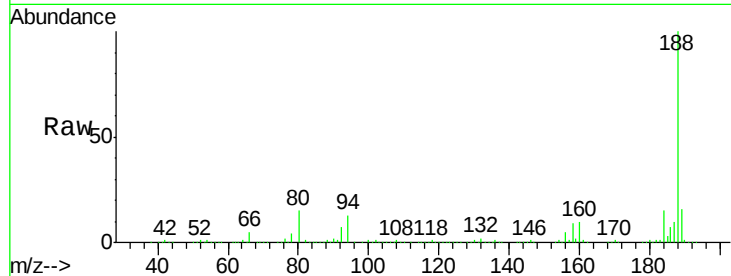




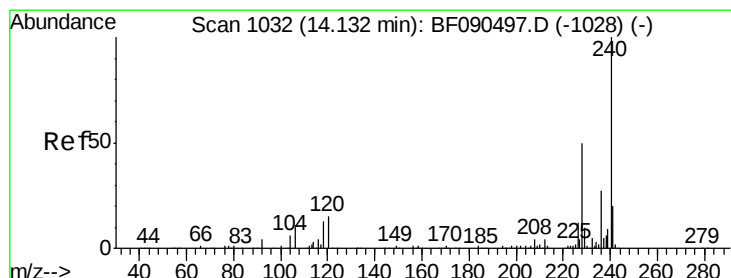
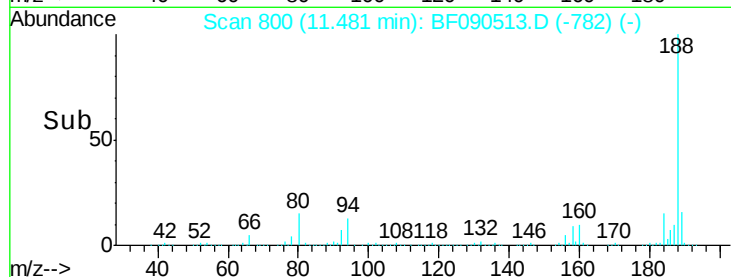
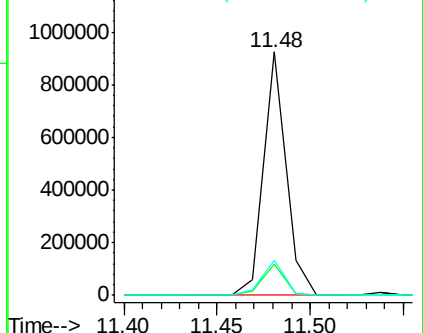
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Instrument :
BNA_F
ClientSampleId :
S8-0617

Tot Ion:188 Resp: 770369
Ion Ratio Lower Upper
188 100
94 12.9 8.2 12.2#
80 14.5 8.8 13.2#

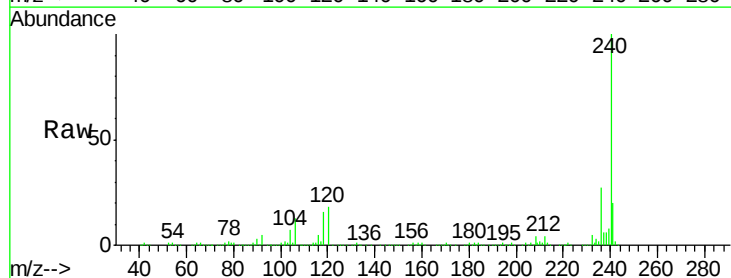


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

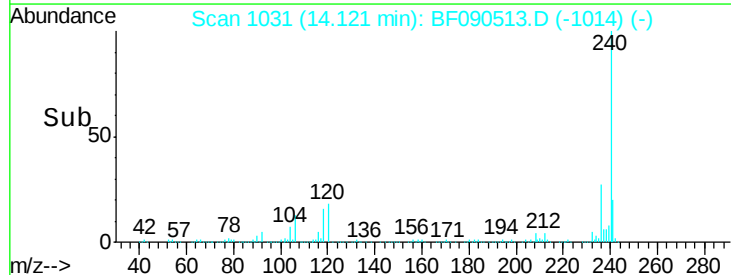
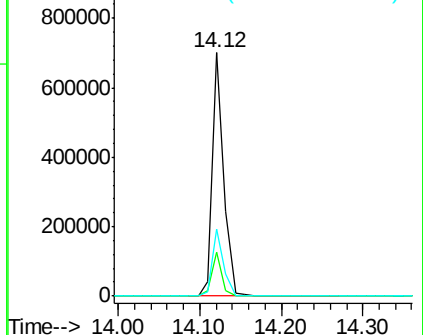


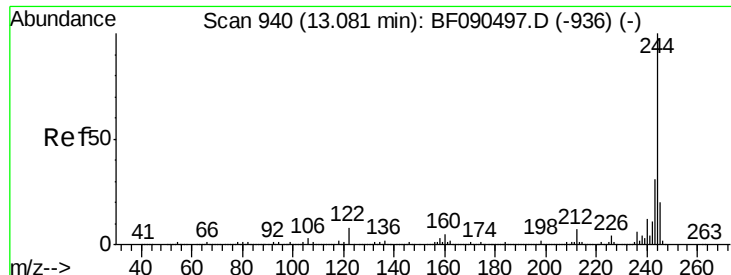
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090513.D
Acq: 11 Oct 2016 20:24

Tgt Ion:240 Resp: 690520
Ion Ratio Lower Upper
240 100
120 18.0 8.6 13.0#
236 27.4 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

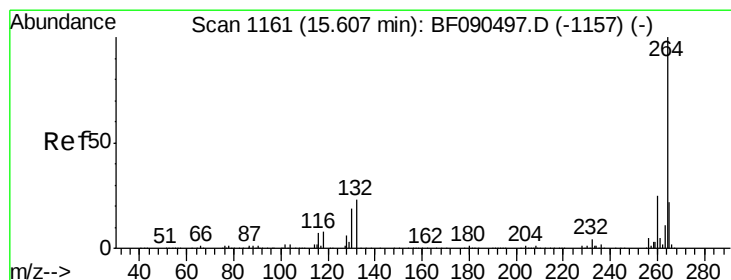
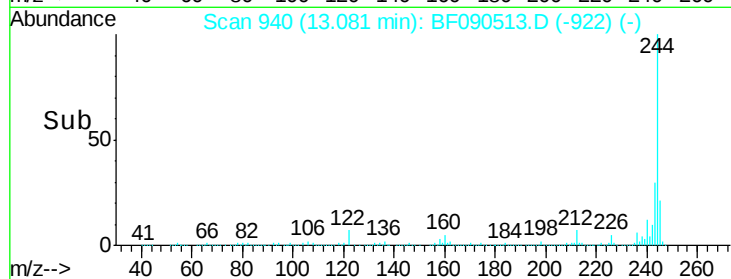
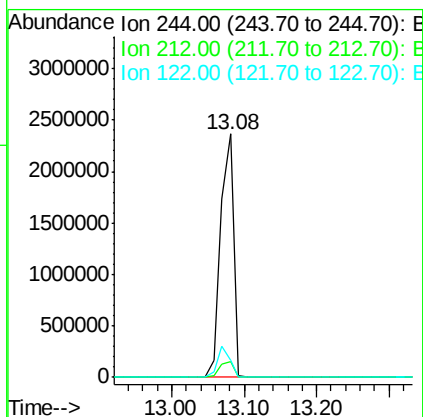
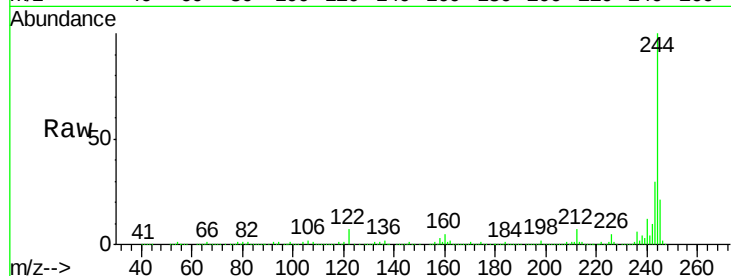




#78
 Terphenyl-d14
 Concen: 104.30 ng
 RT: 13.08 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF090513.D
 Acq: 11 Oct 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617

Tot Ion:244 Resp: 2946981
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.8 10.2#
 122 7.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF090513.D
 Acq: 11 Oct 2016 20:24

Tgt Ion:264 Resp: 556803
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.9 17.4 26.0

