

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : BF090544.D
 Acq On : 12 Oct 2016 19:16
 Operator : UM/SJ
 Sample : PB93974TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93974TB

Quant Time: Oct 13 00:53:14 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	6.94	152	214570	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	897053	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	471629	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	841789	20.00	ng	0.00
75) Chrysene-d12	14.12	240	658039	20.00	ng	-0.01
86) Perylene-d12	15.60	264	463323	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1337133	96.95	ng	0.01
7) Phenol-d6	6.59	99	1942539	111.61	ng	0.00
23) Nitrobenzene-d5	7.51	82	1144360	69.19	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	493865	105.64	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2066192	73.62	ng	-0.01
78) Terphenyl-d14	13.07	244	2110240	78.37	ng	-0.01

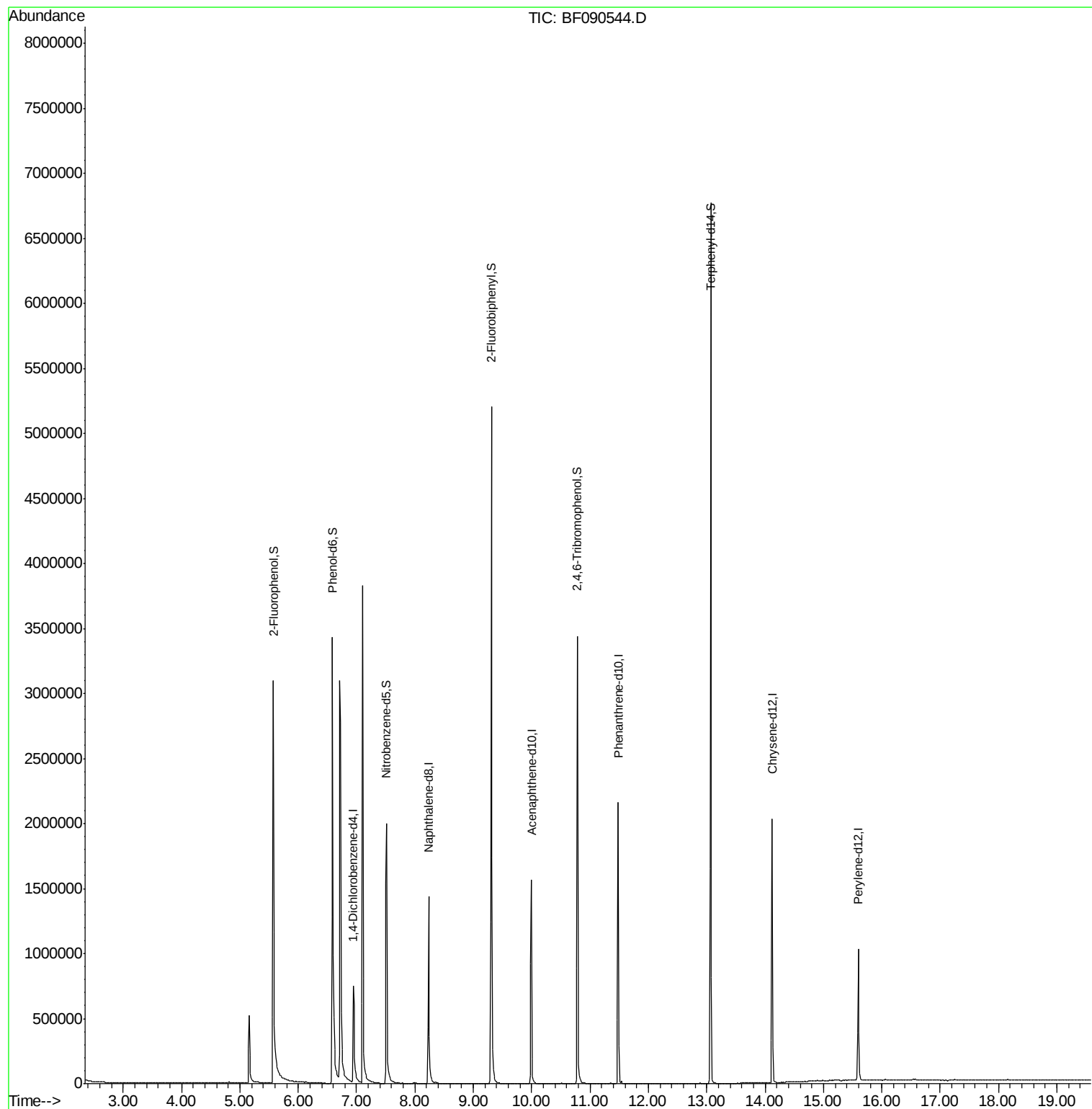
Target Compounds	Qvalue
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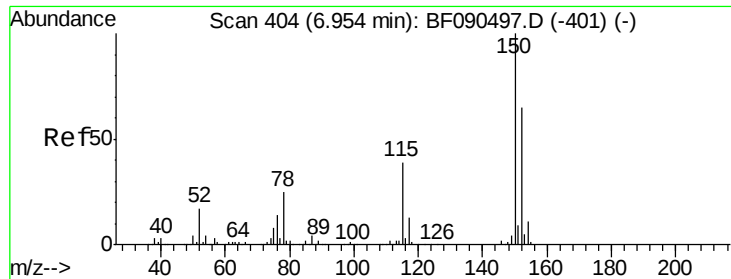
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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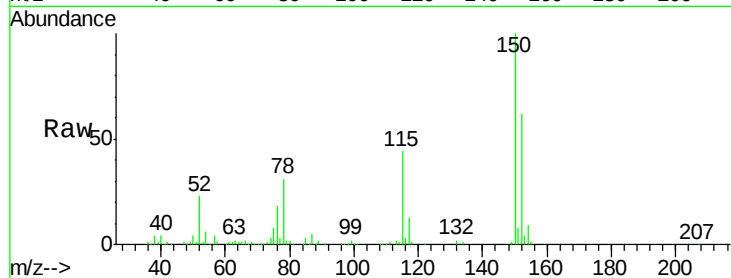


#1

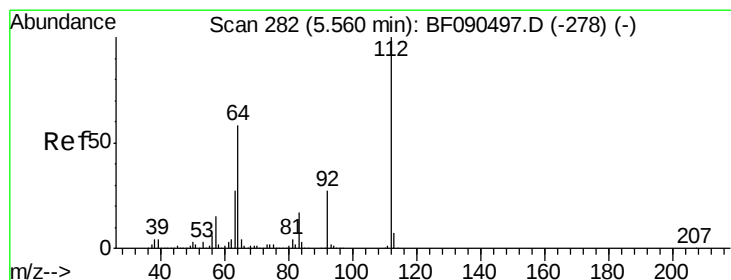
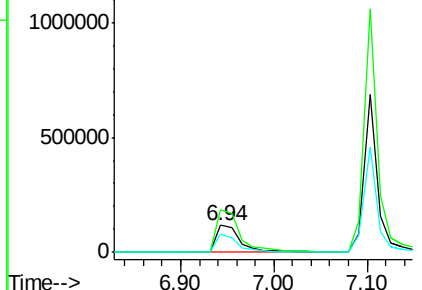
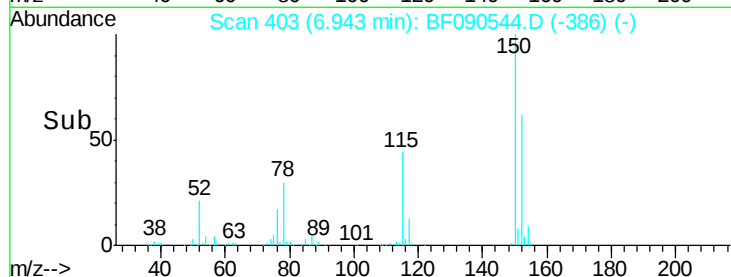
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB93974TB

Tgt Ion:152 Resp: 214570
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 70.6 46.2 69.4#



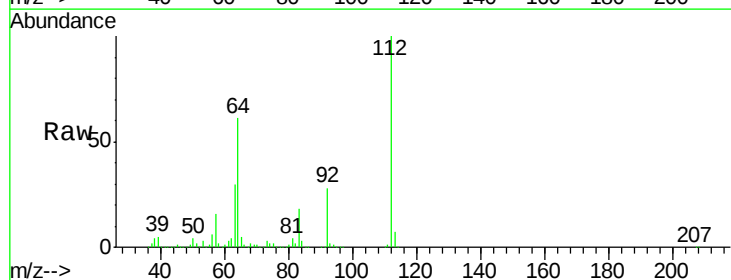
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



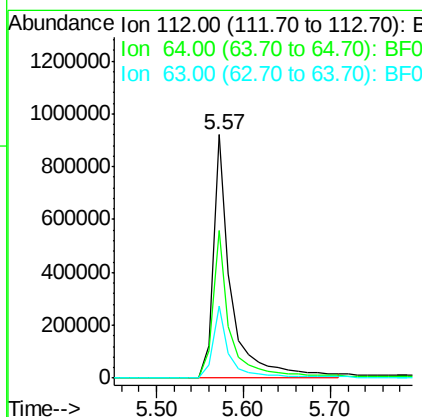
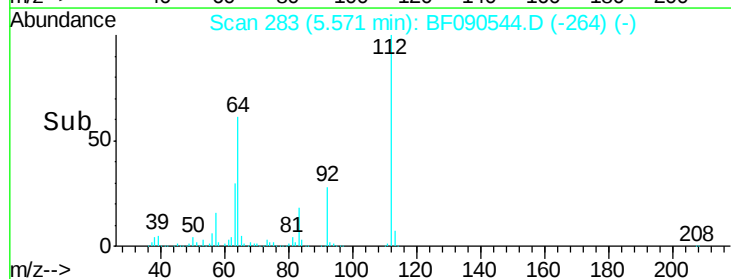
#5

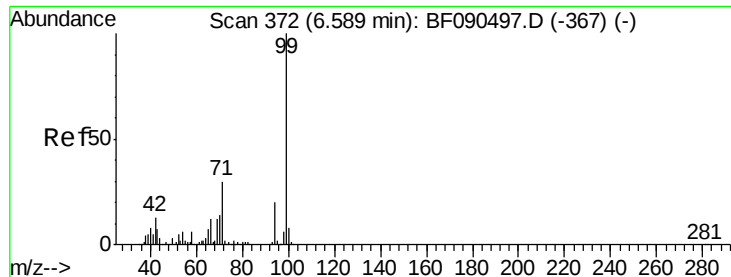
2-Fluorophenol
Concen: 96.95 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Tgt Ion:112 Resp: 1337133
Ion Ratio Lower Upper
112 100
64 60.8 57.9 86.9
63 29.6 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: 111.61 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

Instrument :

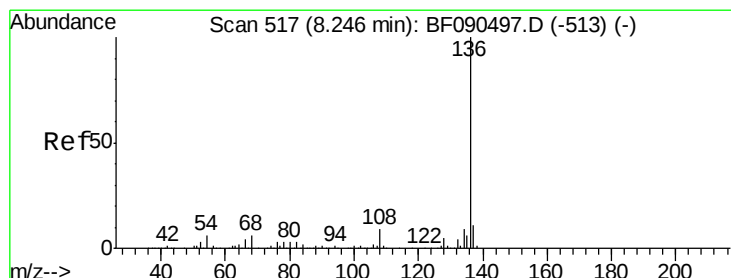
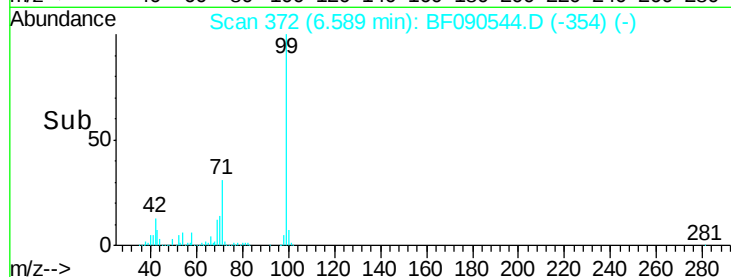
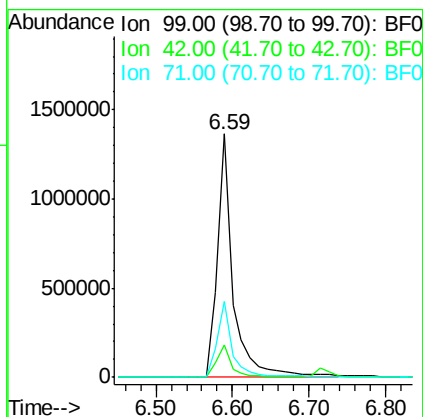
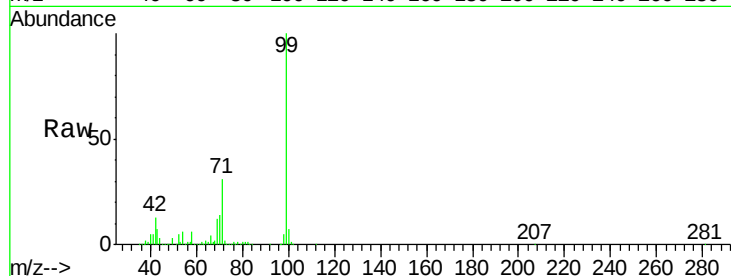
BNA_F

ClientSampleId :

PB93974TB

Tgt Ion: 99 Resp: 1942539

Ion	Ratio	Lower	Upper
99	100		
42	13.4	20.0	30.0#
71	31.1	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

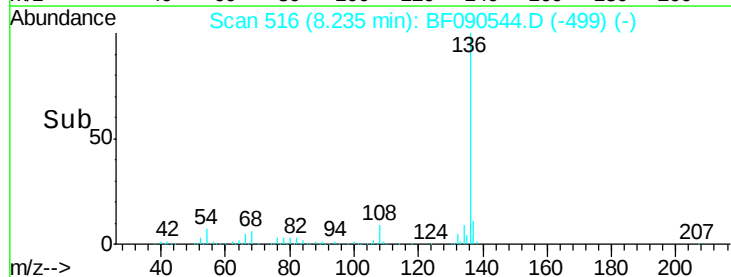
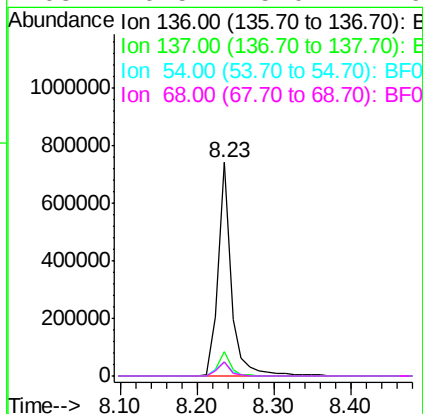
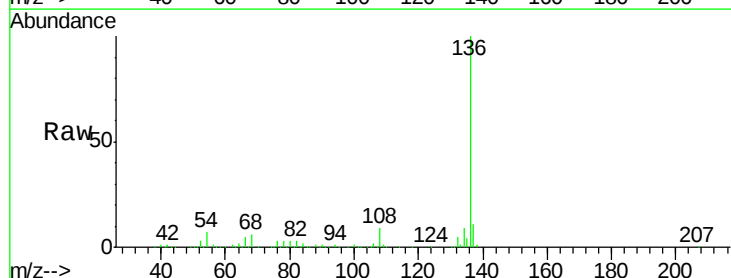
Delta R.T. -0.01 min

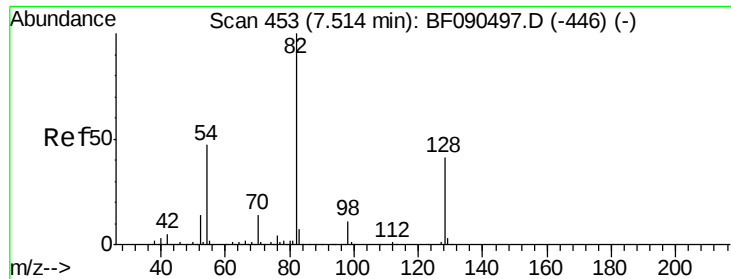
Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

Tgt Ion: 136 Resp: 897053

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.7	6.6	10.0
68	6.5	5.0	7.6

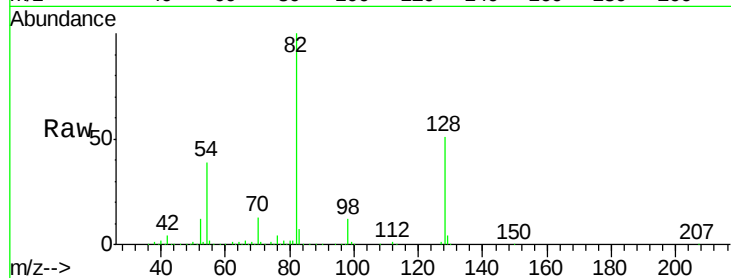




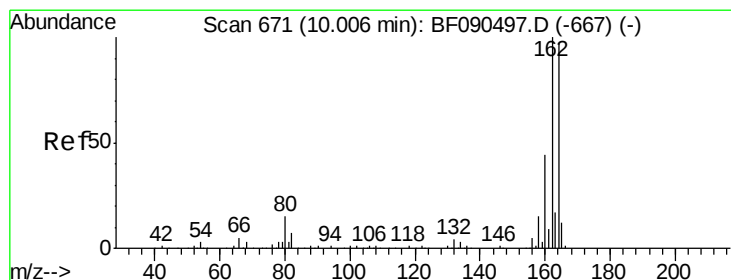
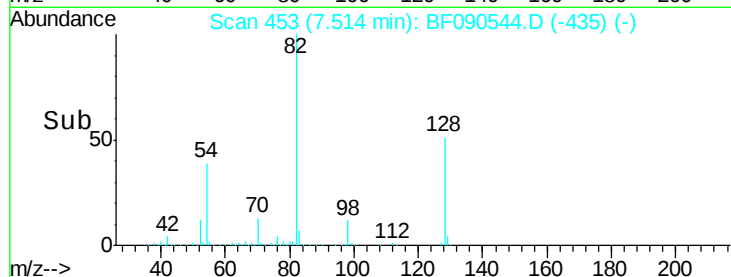
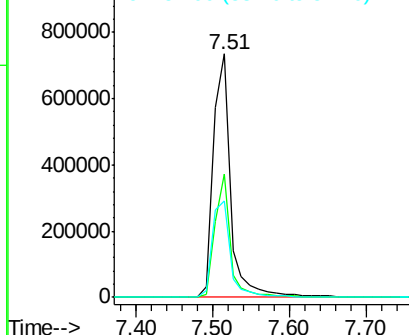
#23
 Nitrobenzene-d5
 Concen: 69.19 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090544.D
 Acq: 12 Oct 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB93974TB

Tgt Ion: 82 Resp: 1144360
 Ion Ratio Lower Upper
 82 100
 128 50.7 40.0 60.0
 54 39.5 42.6 64.0#

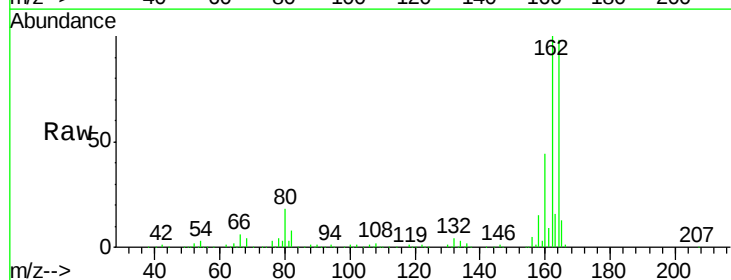


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

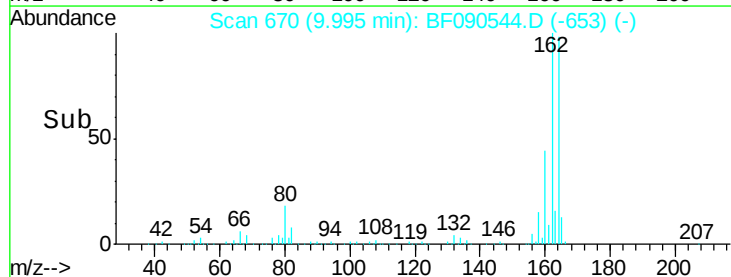
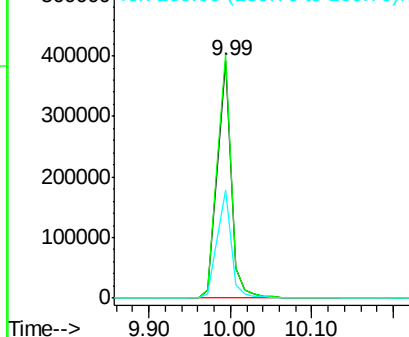


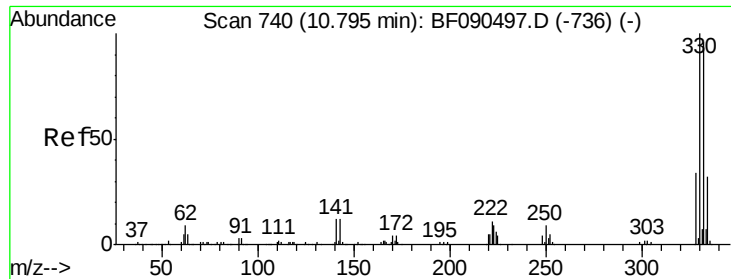
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090544.D
 Acq: 12 Oct 2016 19:16

Tgt Ion: 164 Resp: 471629
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.1 120.1
 160 45.6 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

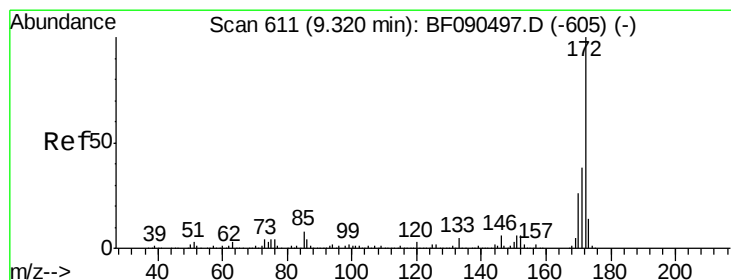
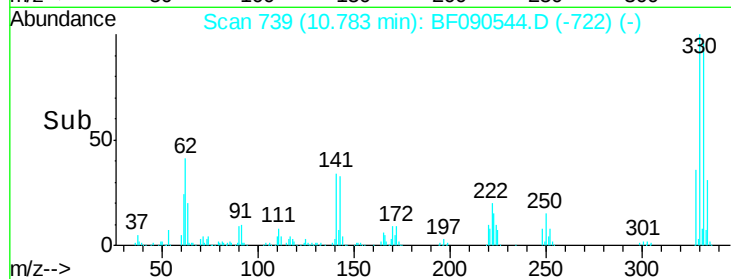
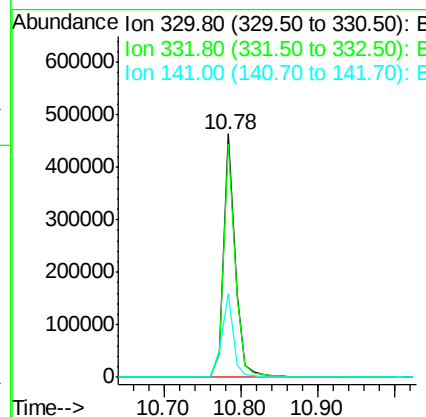
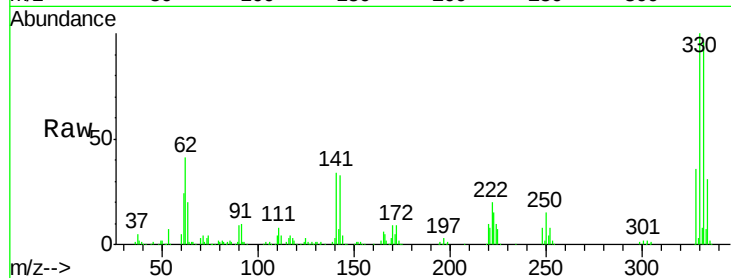




#41
 2,4,6-Tribromophenol
 Concen: 105.64 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090544.D
 Acq: 12 Oct 2016 19:16

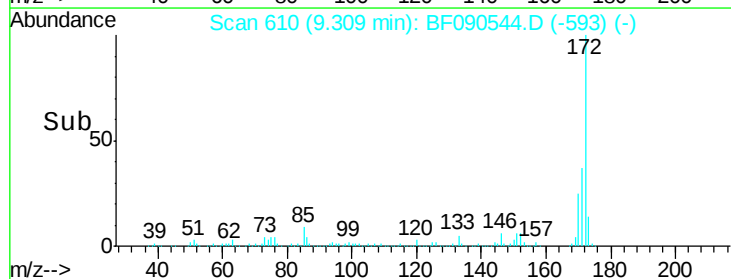
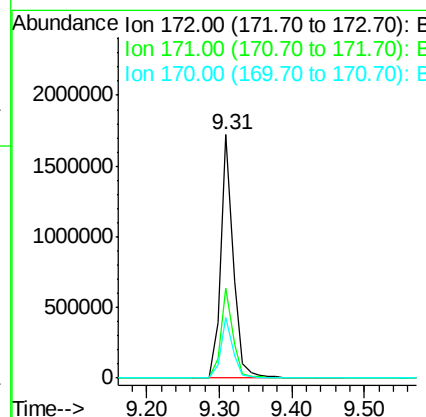
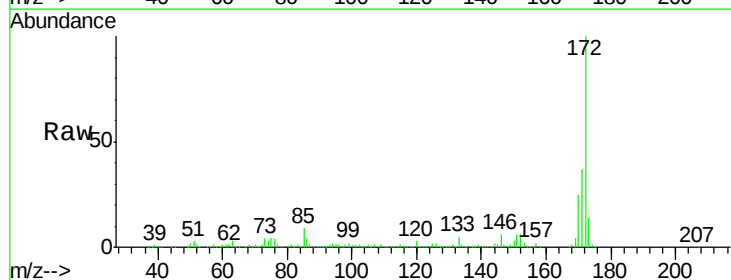
Instrument :
 BNA_F
 ClientSampleId :
 PB93974TB

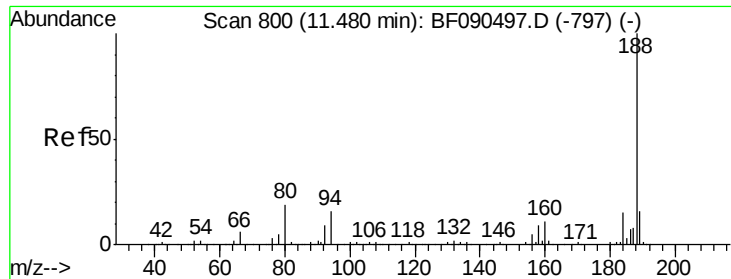
Tgt Ion:330 Resp: 493865
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 34.8 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 73.62 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090544.D
 Acq: 12 Oct 2016 19:16

Tgt Ion:172 Resp: 2066192
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.8 47.8
 170 25.0 21.7 32.5

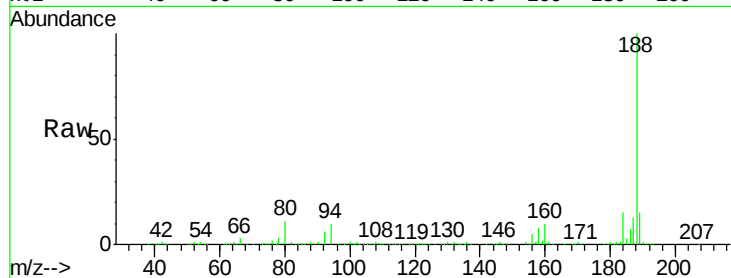




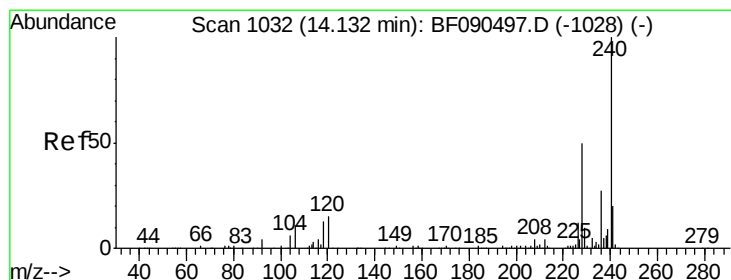
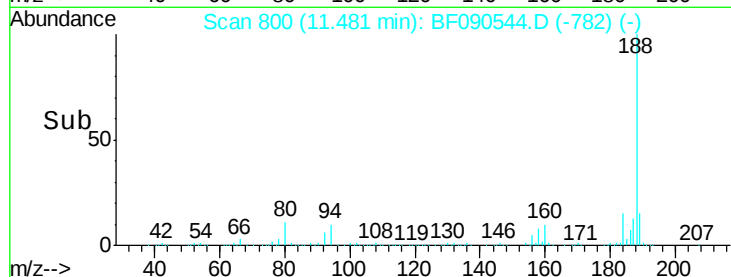
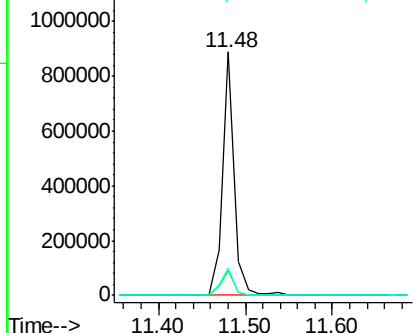
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB93974TB

Tgt Ion:188 Resp: 841789
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.0 8.8 13.2

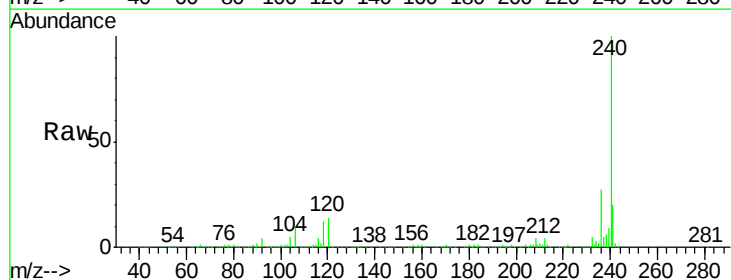


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

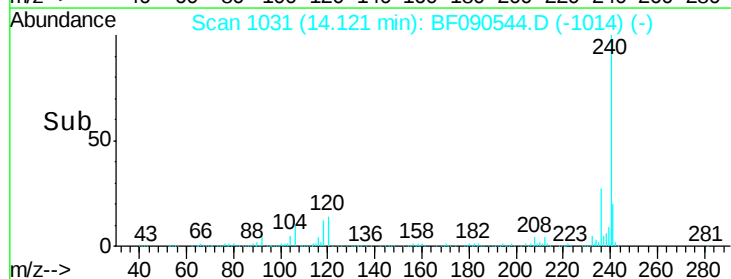
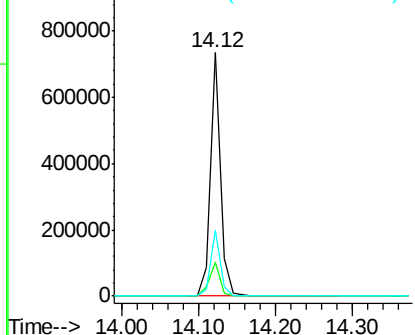


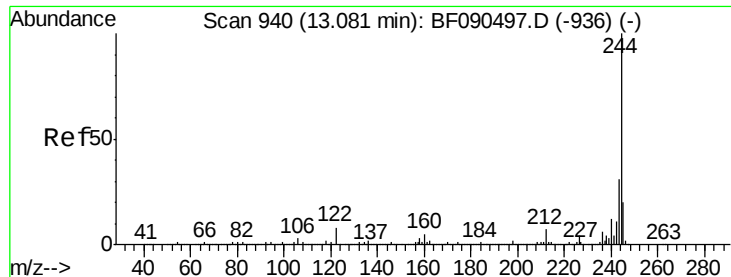
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Tgt Ion:240 Resp: 658039
Ion Ratio Lower Upper
240 100
120 13.9 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

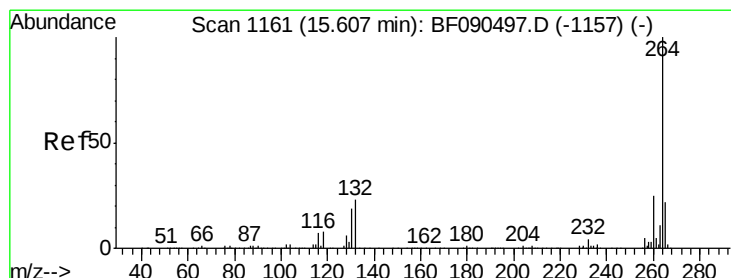
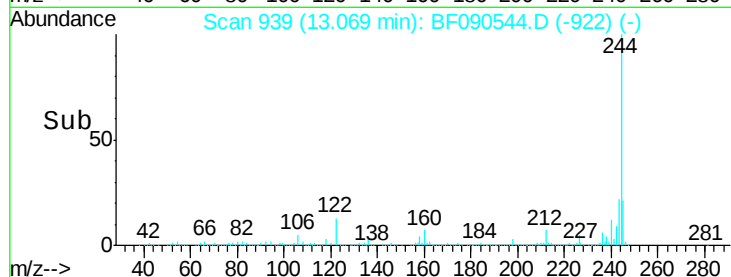
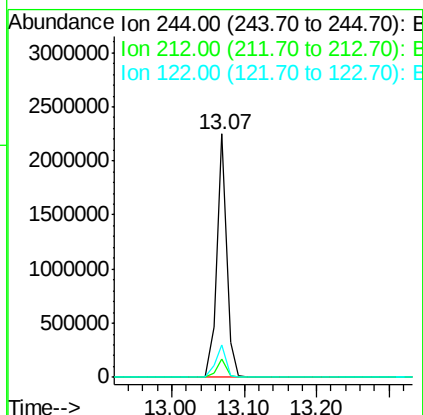
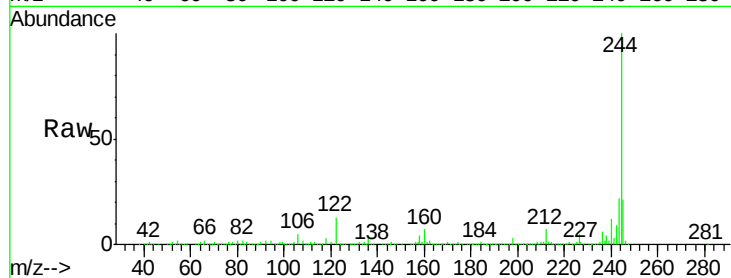




#78
 Terphenyl-d14
 Concen: 78.37 ng
 RT: 13.07 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF090544.D
 Acq: 12 Oct 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB93974TB

Tgt Ion:244 Resp: 2110240
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.8 10.2
 122 13.4 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: BF090544.D
 Acq: 12 Oct 2016 19:16

Tgt Ion:264 Resp: 463323
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.6 17.4 26.0

