

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087941.D
 Acq On : 12 Jun 2016 11:13
 Operator : UM/SJ
 Sample : H3425-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Quant Time: Jun 13 02:25:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111335	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	446767	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	215120	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	424588	20.00	ng	0.00
75) Chrysene-d12	13.95	240	317537	20.00	ng	-0.01
86) Perylene-d12	15.37	264	238103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	417840	64.16	ng	0.00
7) Phenol-d6	6.43	99	353376	44.77	ng	-0.01
23) Nitrobenzene-d5	7.37	82	696019	90.97	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	249769	109.96	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1200565	87.86	ng	-0.01
78) Terphenyl-d14	12.91	244	1001338	71.76	ng	-0.01

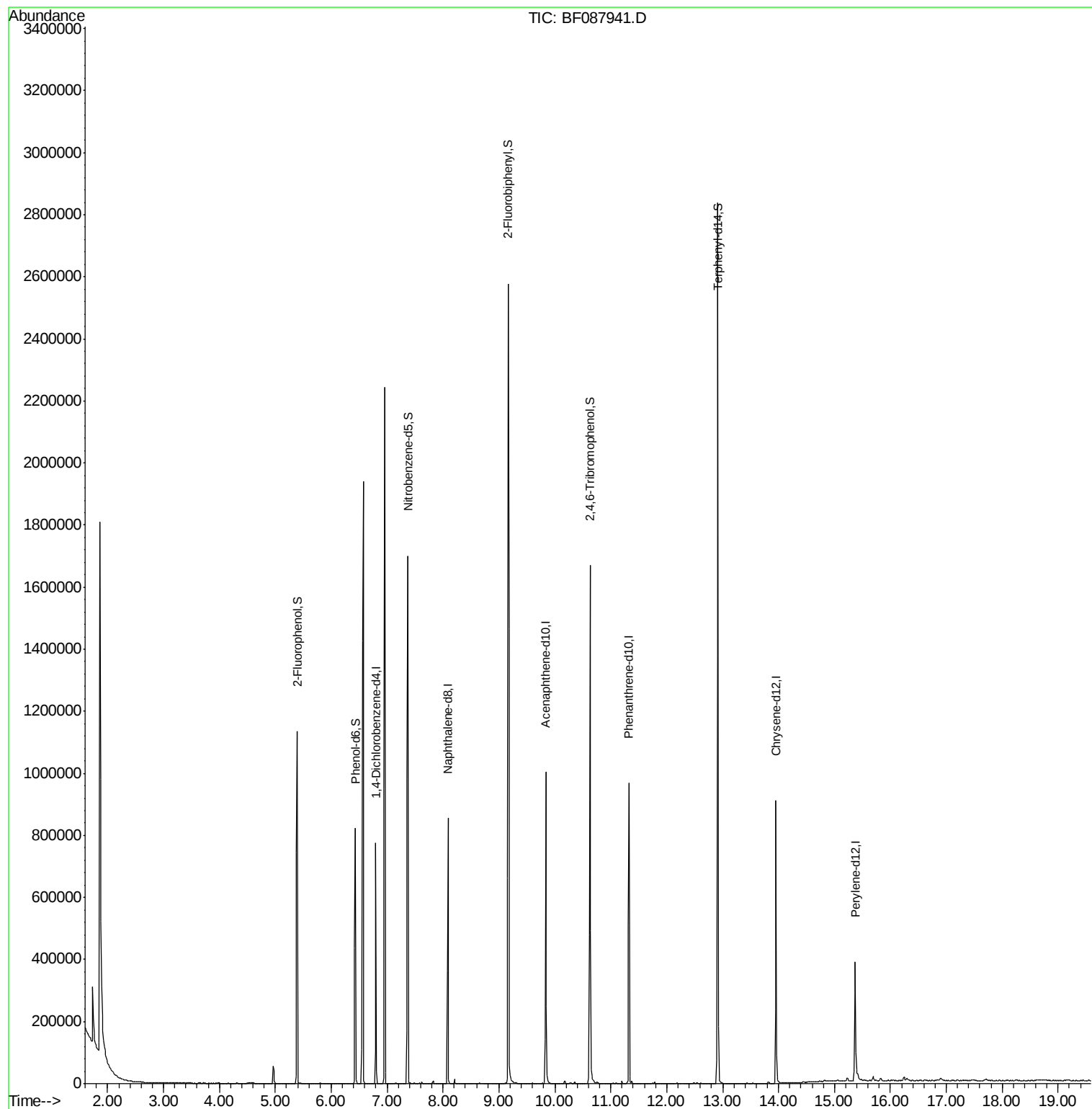
Target Compounds Qvalue

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

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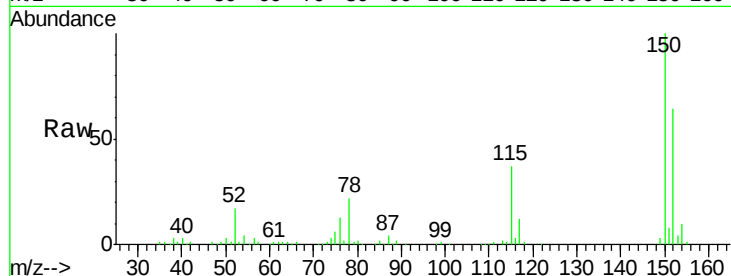


#1

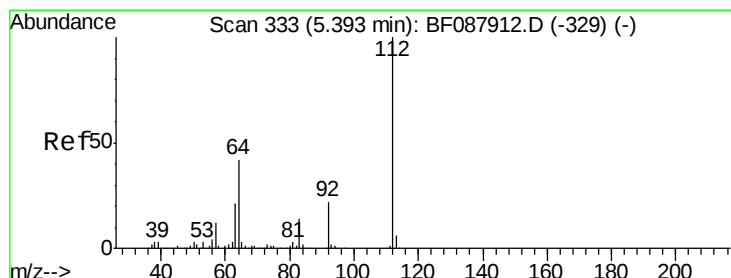
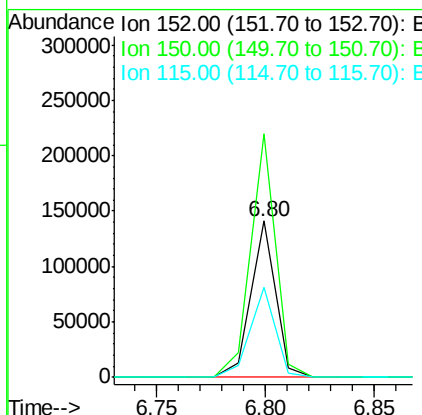
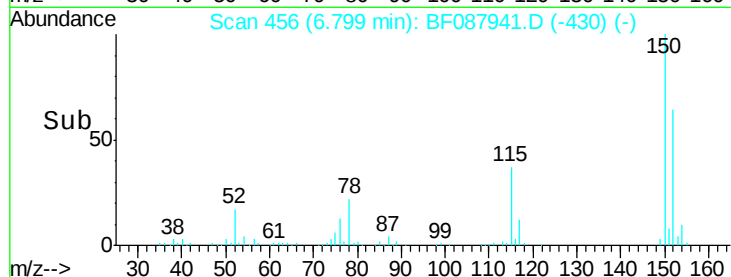
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	57.9	39.6	59.4



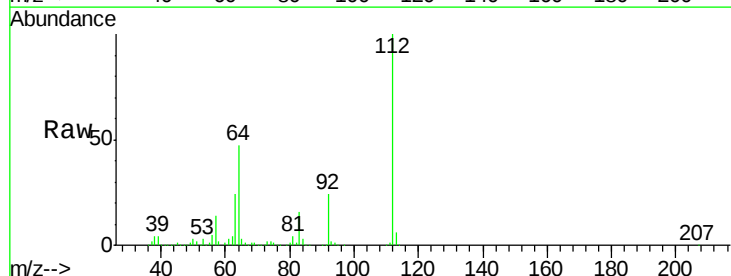
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



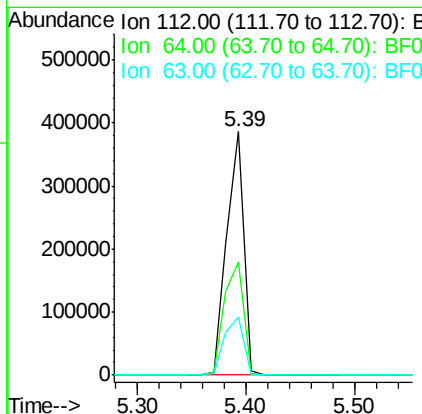
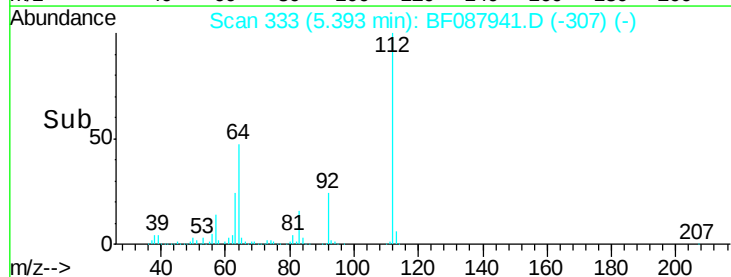
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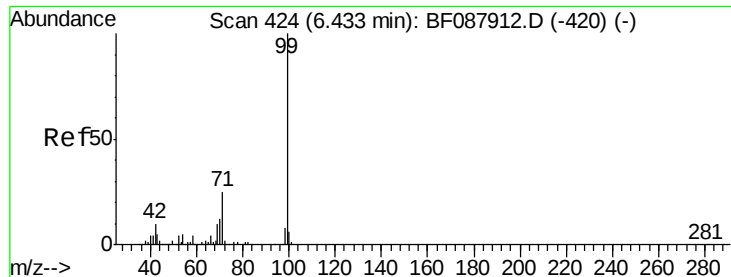
2-Fluorophenol
Concen: 64.16 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.6	42.2	63.2
63	23.8	21.8	32.8



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: 44.77 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW6

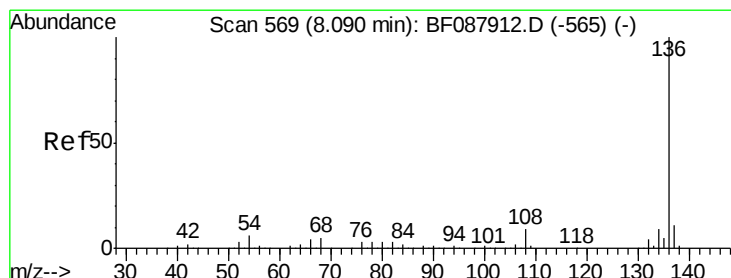
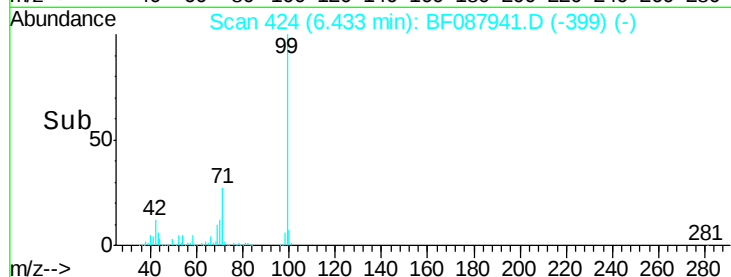
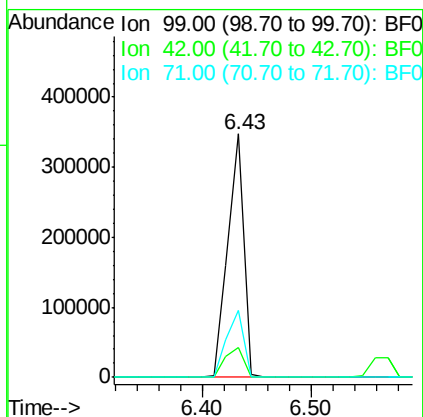
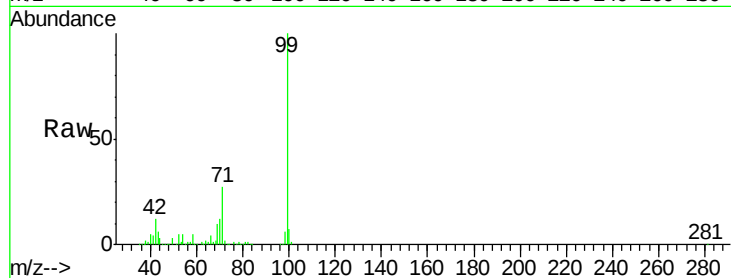
Tot Ion: 99 Resp: 353376

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

71 27.4 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF087941.D

Acq: 12 Jun 2016 11:13

Tgt Ion: 136 Resp: 446767

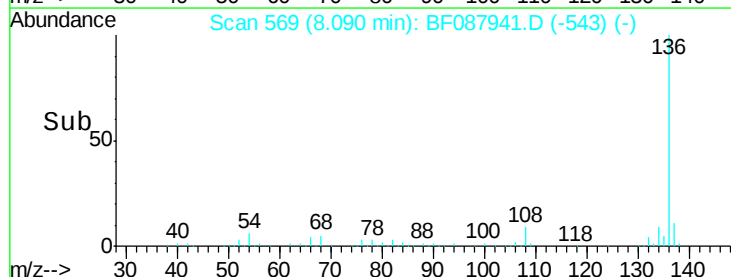
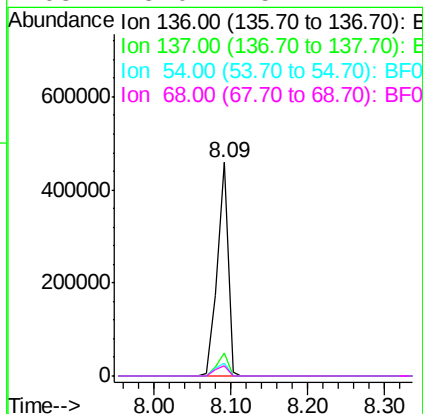
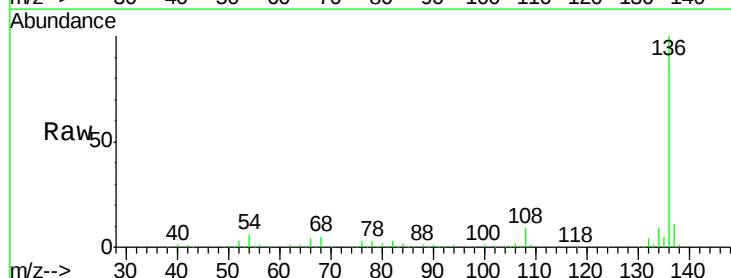
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 6.6 10.0#

68 5.0 5.1 7.7#

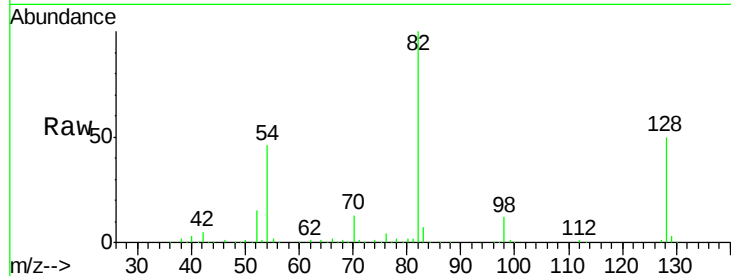




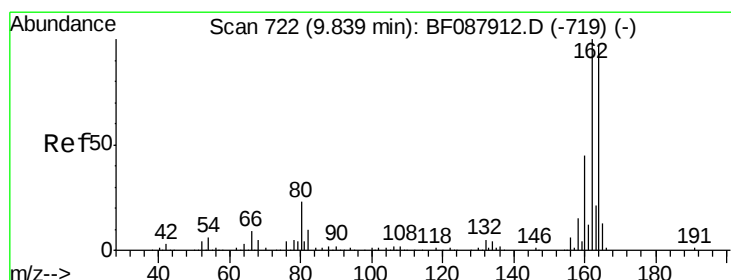
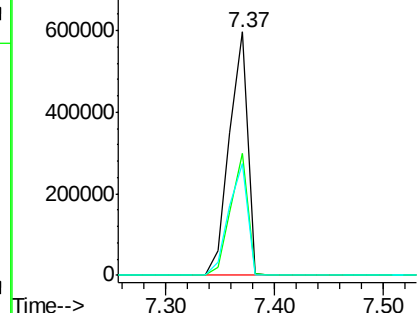
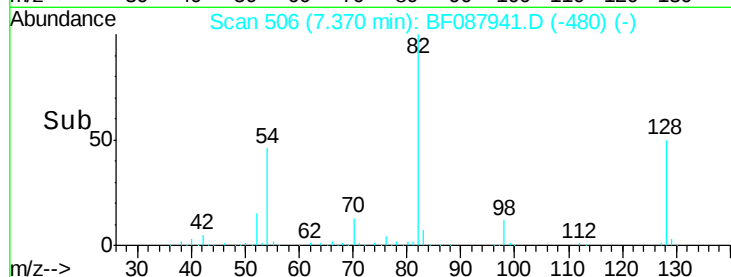
#23
Nitrobenzene-d5
Concen: 90.97 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW6

Tot Ion: 82 Resp: 696019
Ion Ratio Lower Upper
82 100
128 50.1 35.9 53.9
54 46.0 40.9 61.3

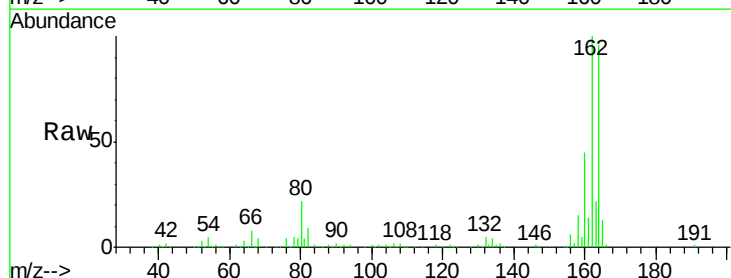


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

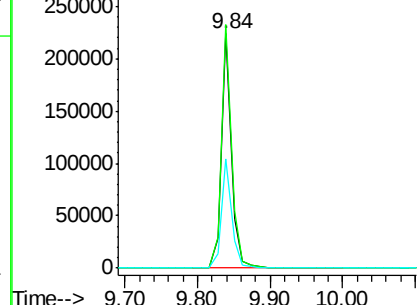
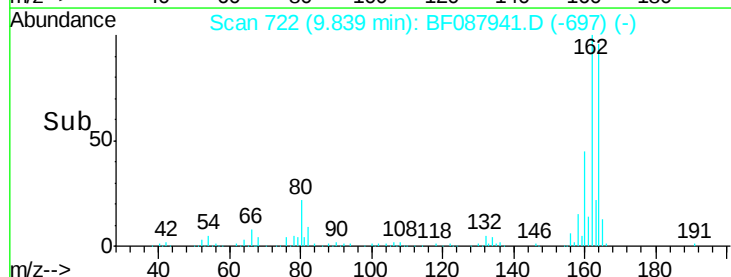


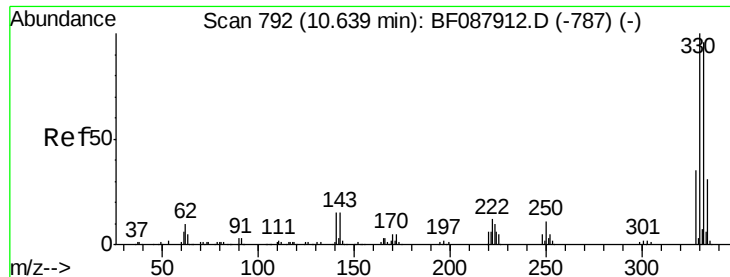
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Tgt Ion:164 Resp: 215120
Ion Ratio Lower Upper
164 100
162 103.9 85.4 128.2
160 46.6 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

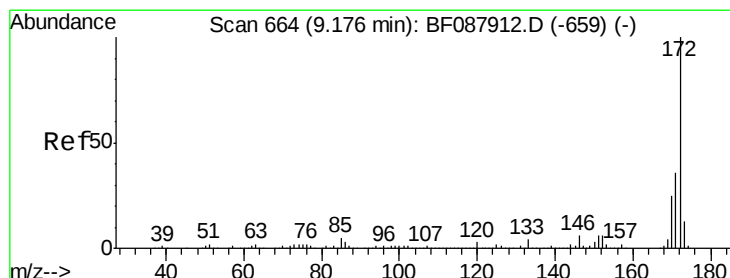
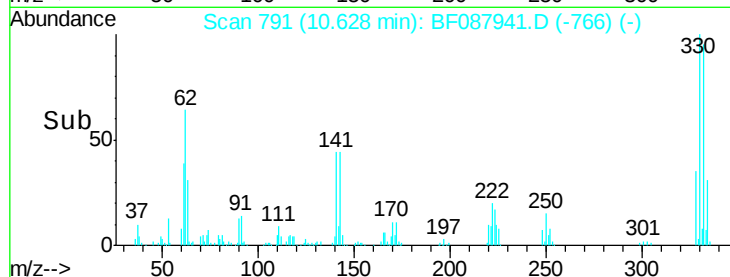
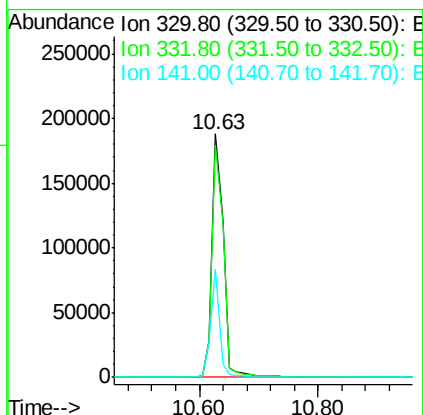
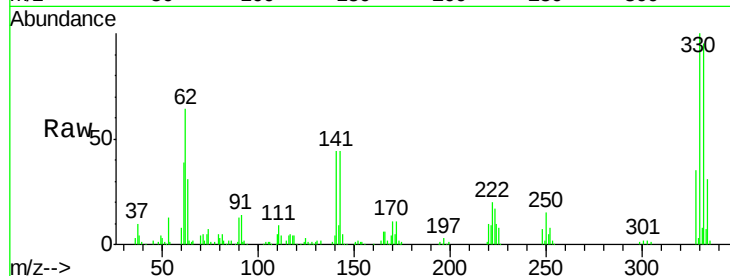




#41
 2,4,6-Tribromophenol
 Concen: 109.96 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

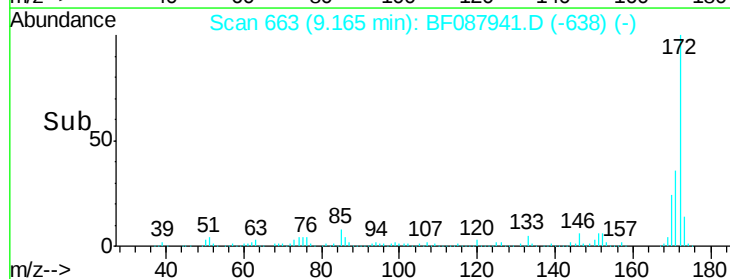
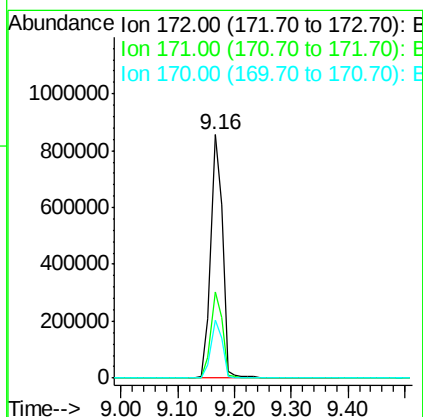
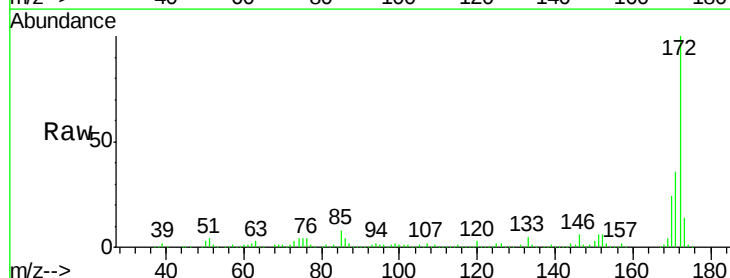
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

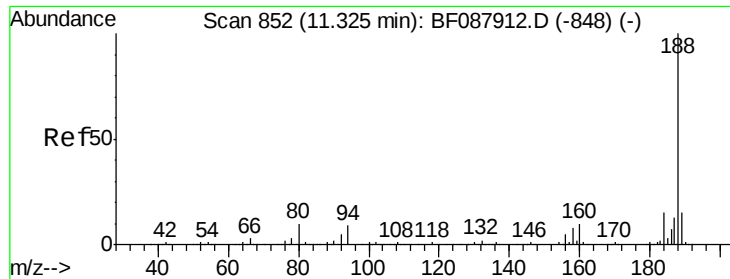
Tot Ion:330 Resp: 249769
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 35.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Tgt Ion:172 Resp: 1200565
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 24.0 19.2 28.8

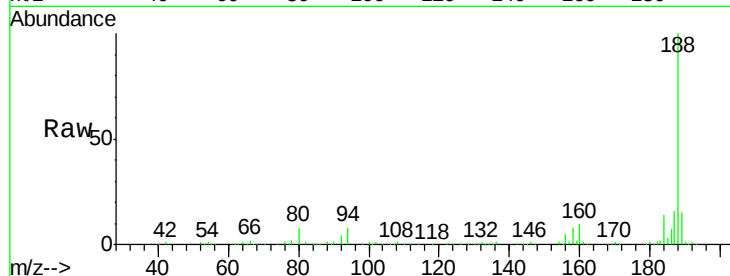




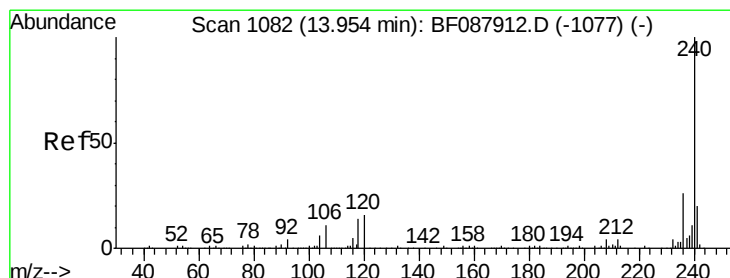
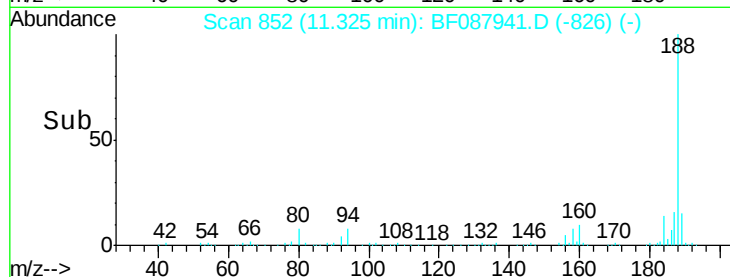
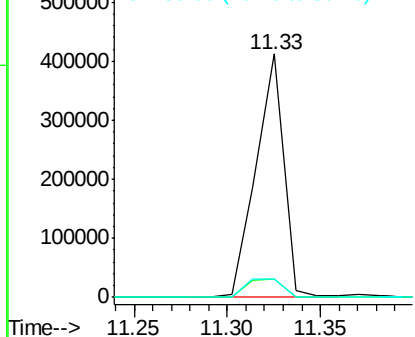
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW6

Tot Ion:188 Resp: 424588
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.6#
80 7.7 10.0 15.0#

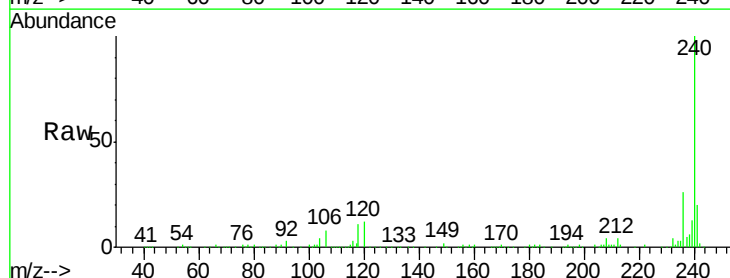


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

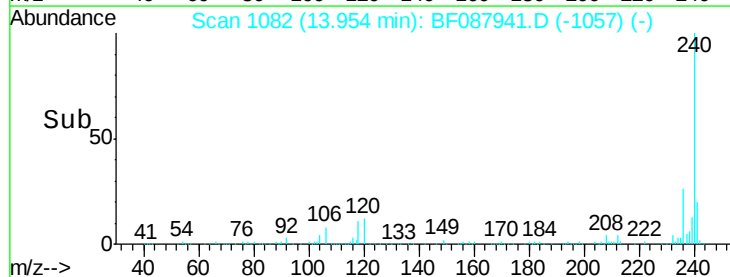
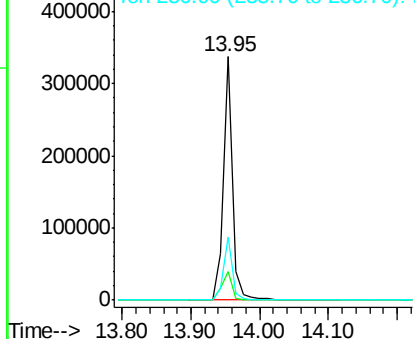


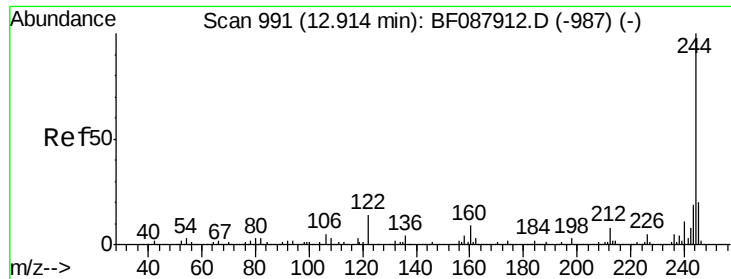
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087941.D
Acq: 12 Jun 2016 11:13

Tgt Ion:240 Resp: 317537
Ion Ratio Lower Upper
240 100
120 11.7 6.8 10.2#
236 25.7 20.2 30.2



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

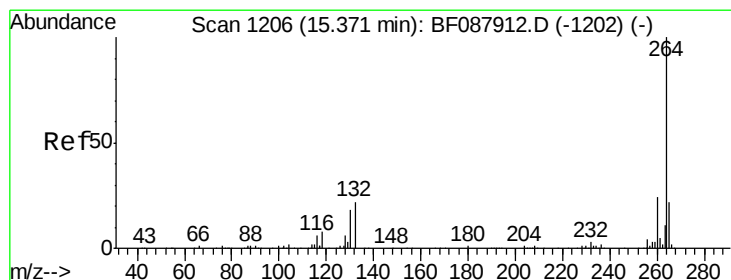
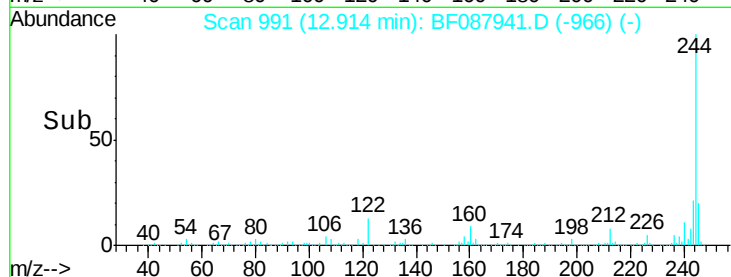
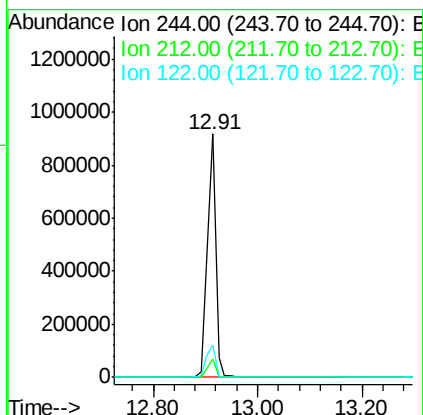
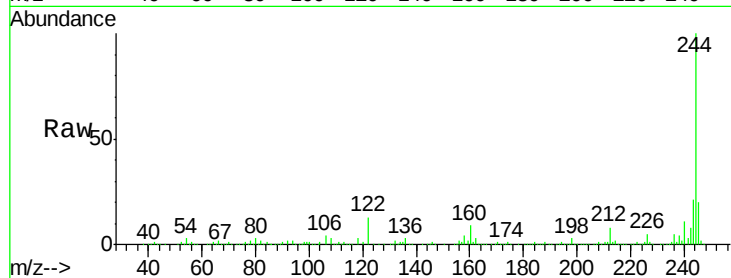




#78
 Terphenyl-d14
 Concen: 71.76 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW6

Tot Ion:244 Resp: 1001338
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087941.D
 Acq: 12 Jun 2016 11:13

Tgt Ion:264 Resp: 238103
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.8 16.9 25.3

