

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088892.D
 Acq On : 10 Jul 2016 1:53
 Operator : UM/SJ
 Sample : H3813-20MSD 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Manual Integrations

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Quant Time: Jul 11 16:07:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	74517	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	282252	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	136134	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	267088	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	152679	20.00	ng	-0.02
86) Perylene-d12	15.22	264	141477	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	213	0.04	ng	-0.15
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.28	82	11014	2.04	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	21563	2.50	ng	-0.02
78) Terphenyl-d14	12.81	244	19247	2.81	ng	-0.01

Target Compounds Qvalue

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

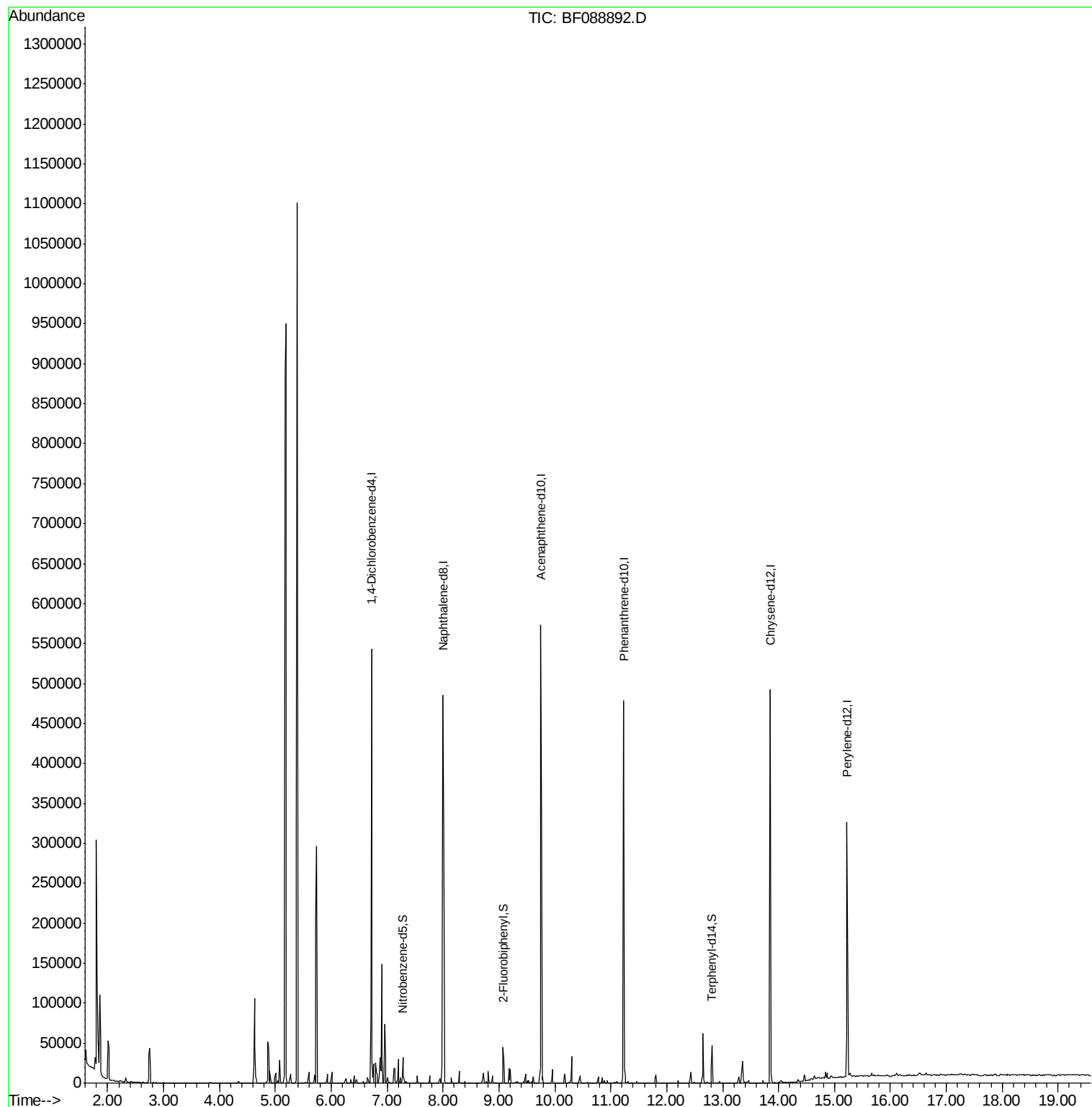
Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
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#1

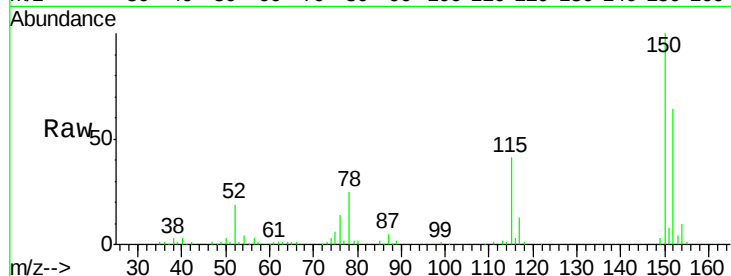
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088892.D
Acq: 10 Jul 2016 1:53

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

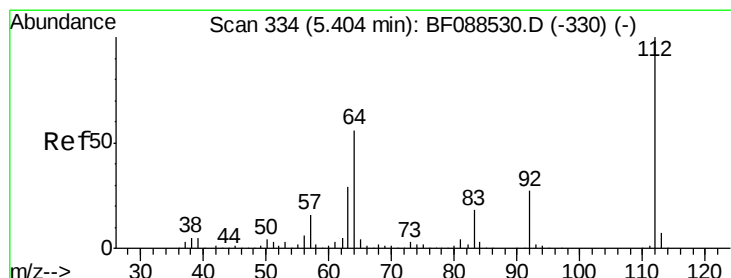
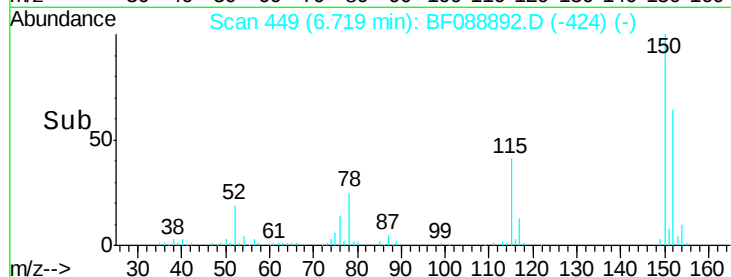
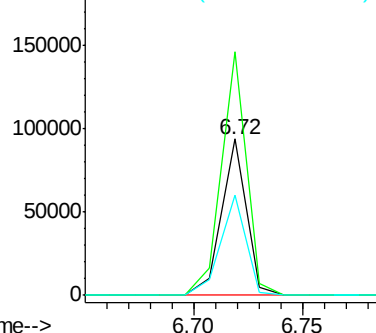
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.8	185.6
115	63.8	39.6	59.4

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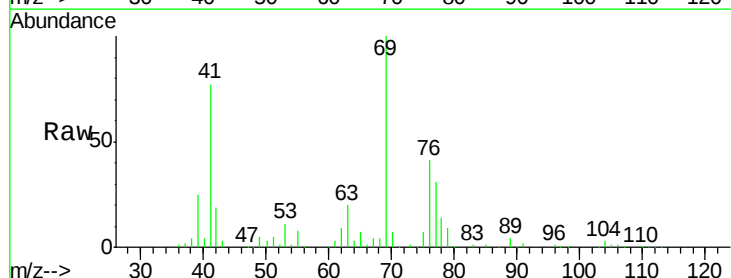
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



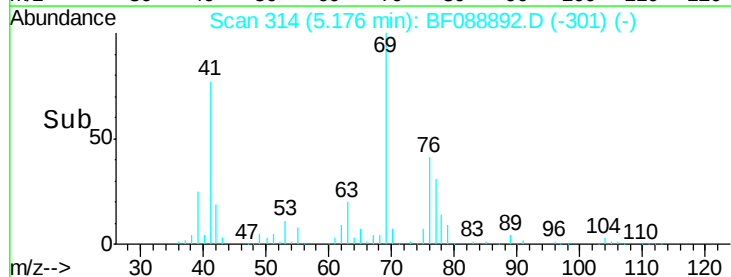
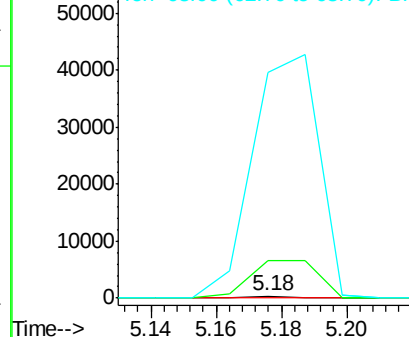
#5

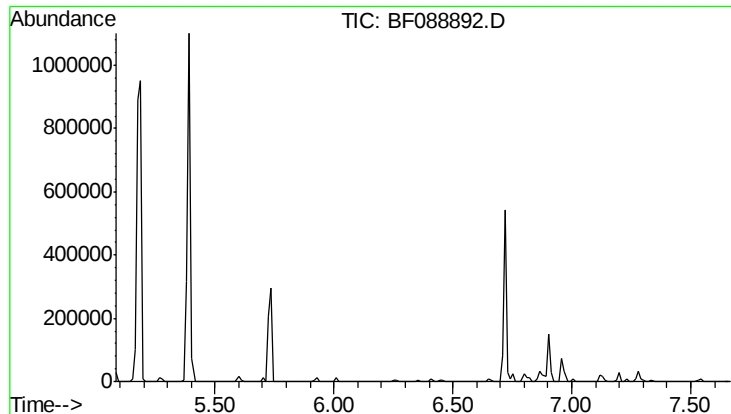
2-Fluorophenol
Concen: 0.04 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.15 min
Lab File: BF088892.D
Acq: 10 Jul 2016 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	2083.0	42.2	63.2
63	12746.0	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: 0.00 ng

Expected RT: 6.38 min

Lab File: BF088892.D

Acq: 10 Jul 2016 1:53

Tot Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 29.2

Instrument :

BNA_F

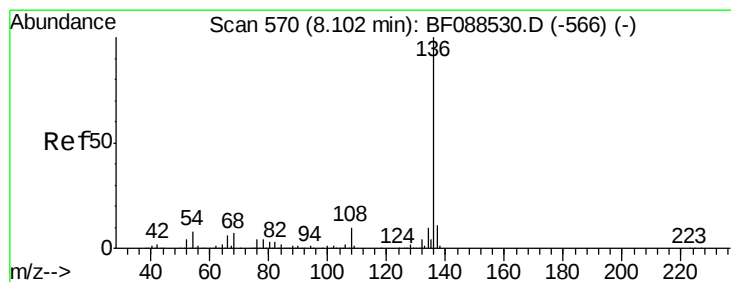
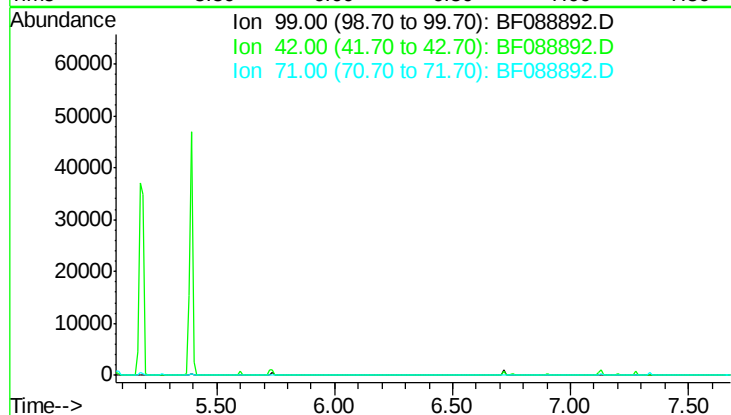
ClientSampleId :

P001-TL001-01MSD

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088892.D

Acq: 10 Jul 2016 1:53

Tgt Ion:136 Resp: 282252

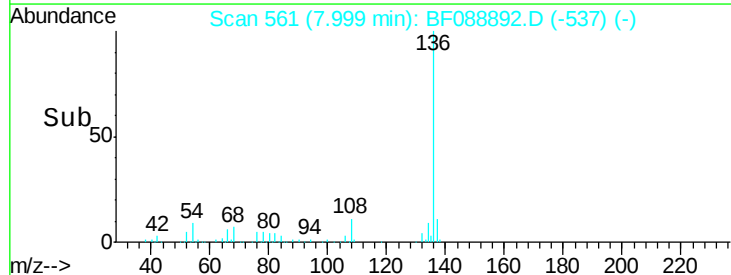
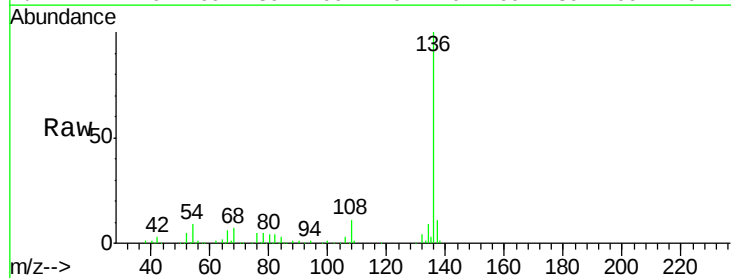
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.4 6.6 10.0

68 7.3 5.1 7.7

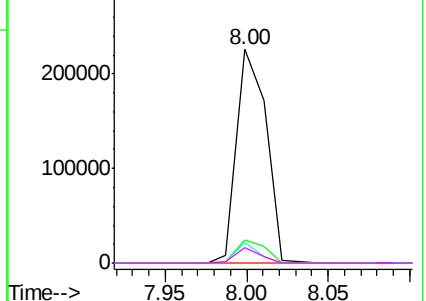


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





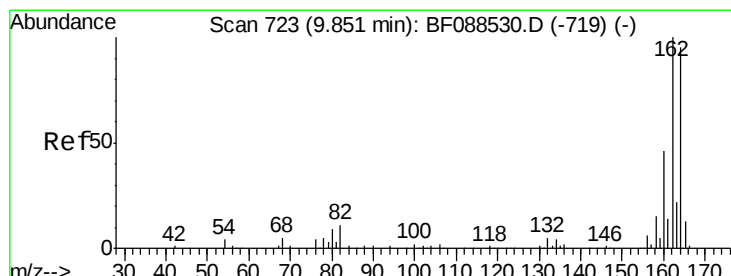
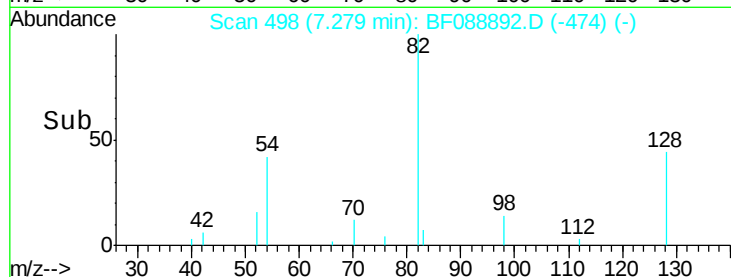
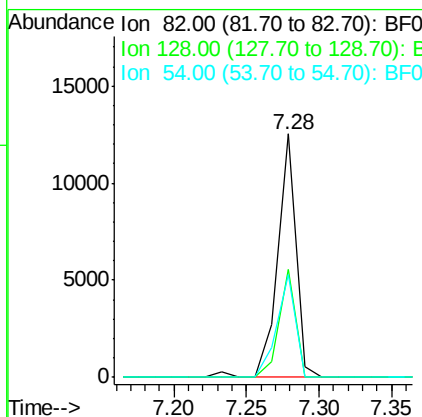
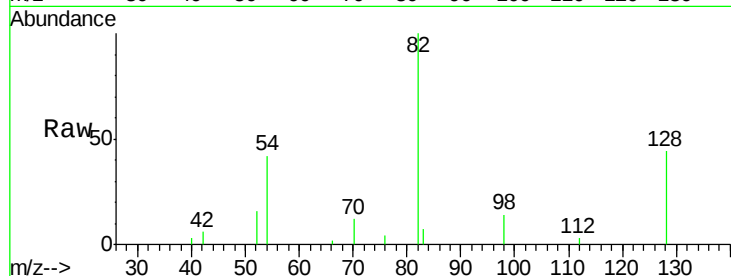
#23
 Nitrobenzene-d5
 Concen: 2.04 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion:	82	Resp:	11014
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.9	53.9
54	42.3	40.9	61.3

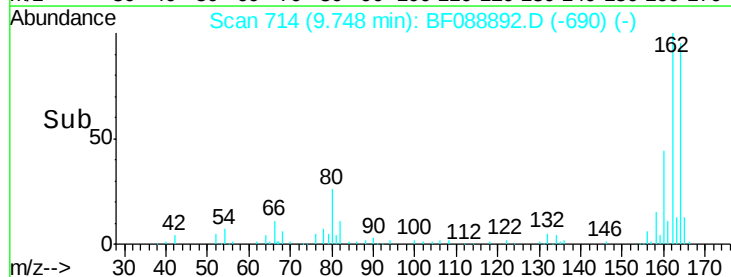
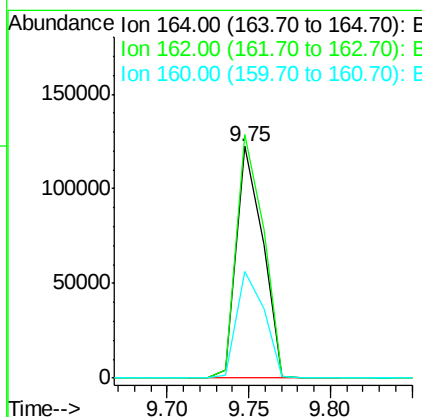
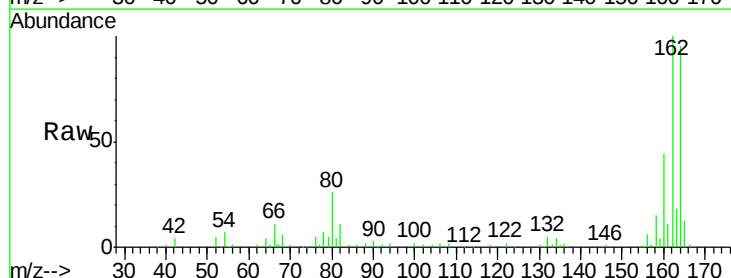
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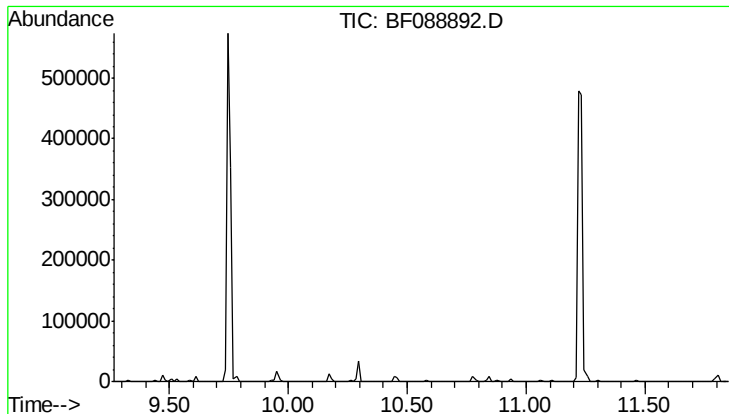
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Tgt Ion:	164	Resp:	136134
Ion Ratio	Lower	Upper	
164	100		
162	105.0	85.4	128.2
160	46.1	39.5	59.3





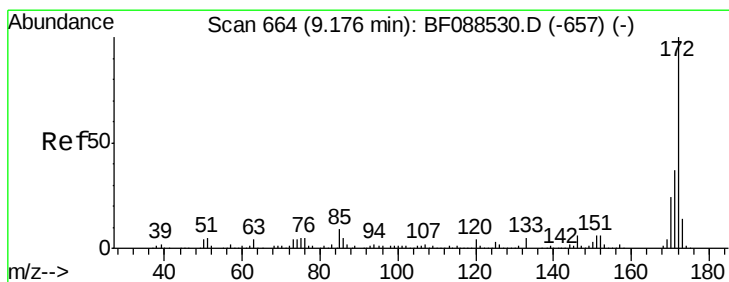
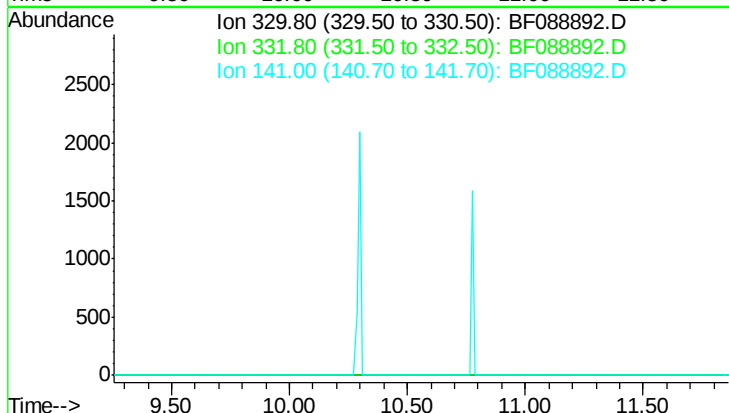
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.56 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0

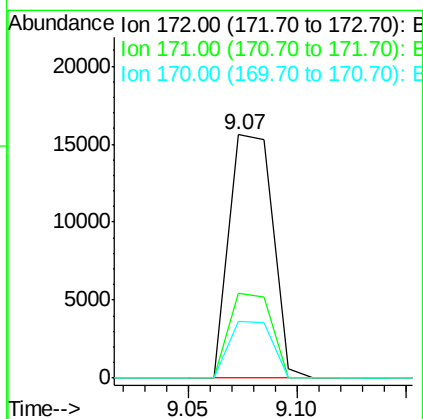
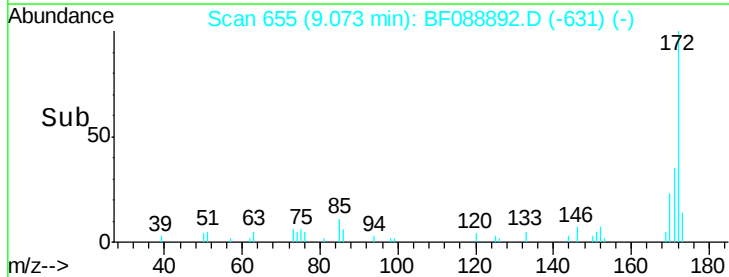
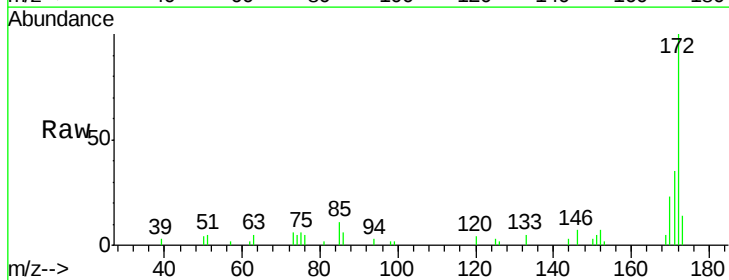
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 2.50 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Tgt Ion: 172 Resp: 21563
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.5 19.2 28.8





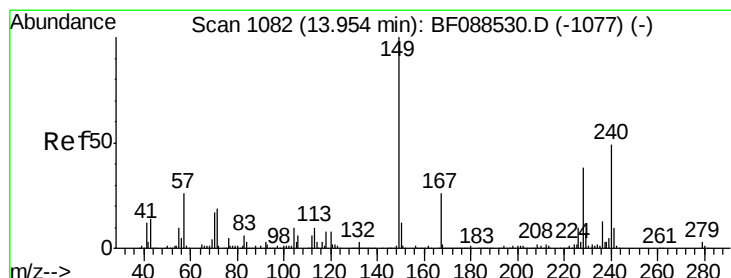
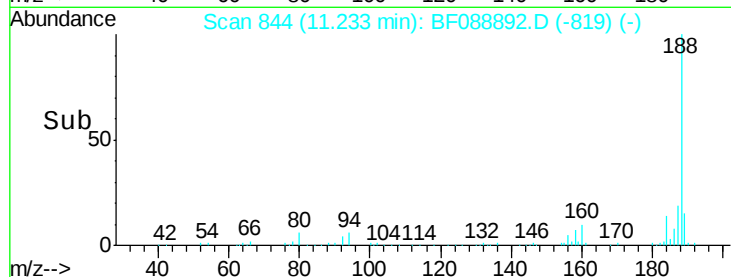
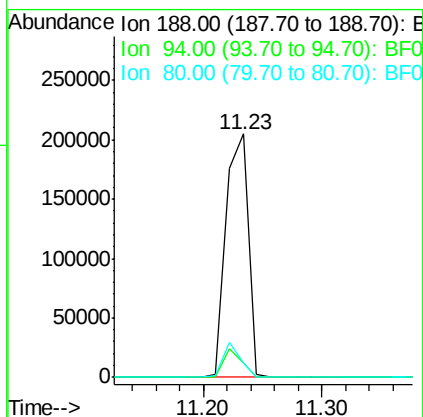
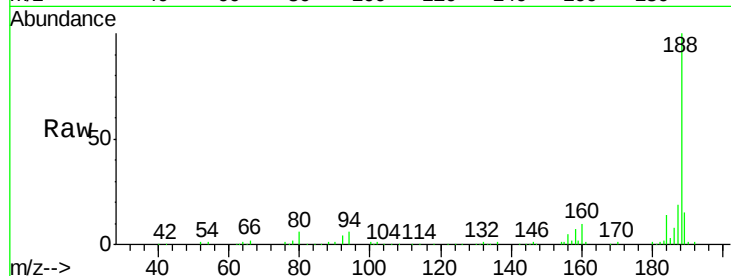
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088892.D
Acq: 10 Jul 2016 1:53

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	9.0	13.6#
80	6.1	10.0	15.0#

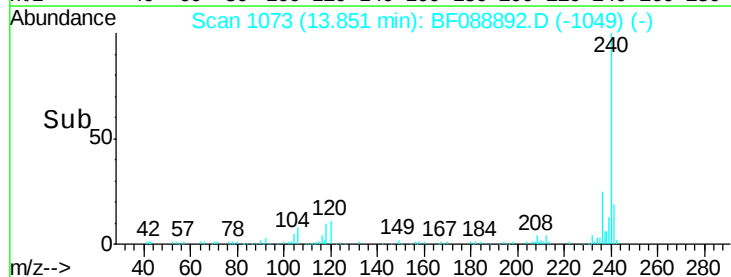
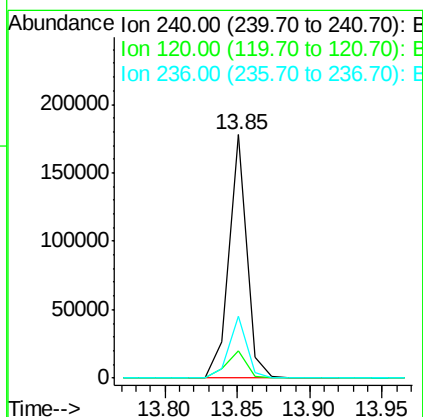
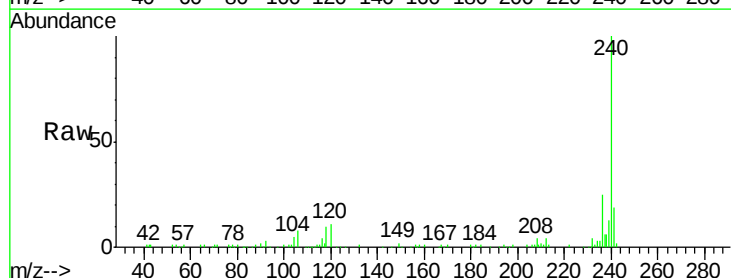
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088892.D
Acq: 10 Jul 2016 1:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	6.8	10.2#
236	25.5	20.2	30.2





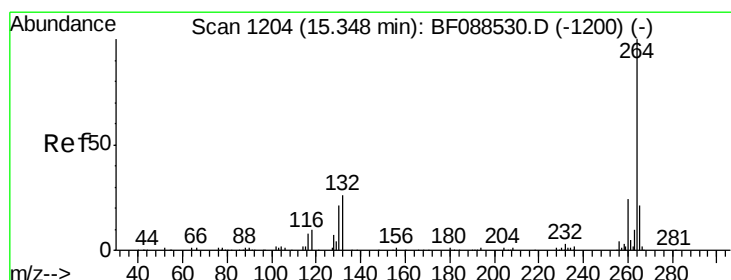
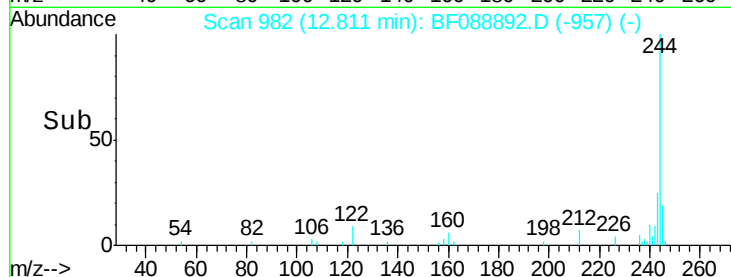
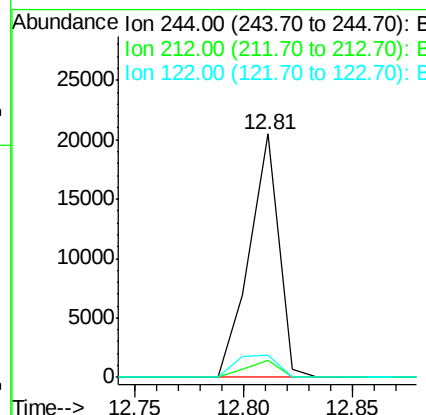
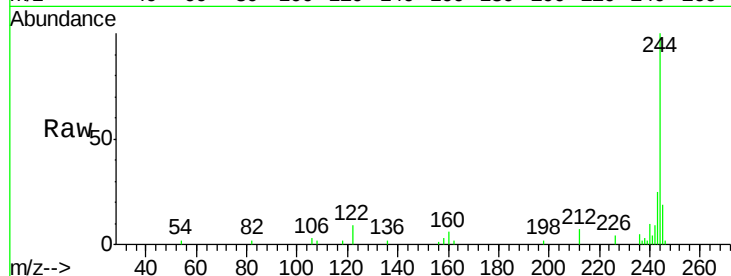
#78
 Terphenyl-d14
 Concen: 2.81 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	8.9	11.2	16.8

Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088892.D
 Acq: 10 Jul 2016 1:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	16.9	25.3

