

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088891.D
 Acq On : 10 Jul 2016 1:24
 Operator : UM/SJ
 Sample : H3813-19MS 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

Manual Integrations

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Quant Time: Jul 11 16:04:48 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	71849	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	277453	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	130087	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	257903	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	153409	20.00	ng	-0.02
86) Perylene-d12	15.22	264	142512	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	209	0.04	ng	-0.14
7) Phenol-d6	6.35	99	233	0.04	ng	-0.02
23) Nitrobenzene-d5	7.28	82	11100	2.10	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	22415	2.72	ng	-0.02
78) Terphenyl-d14	12.81	244	22139	3.21	ng	-0.01

Target Compounds Qvalue

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

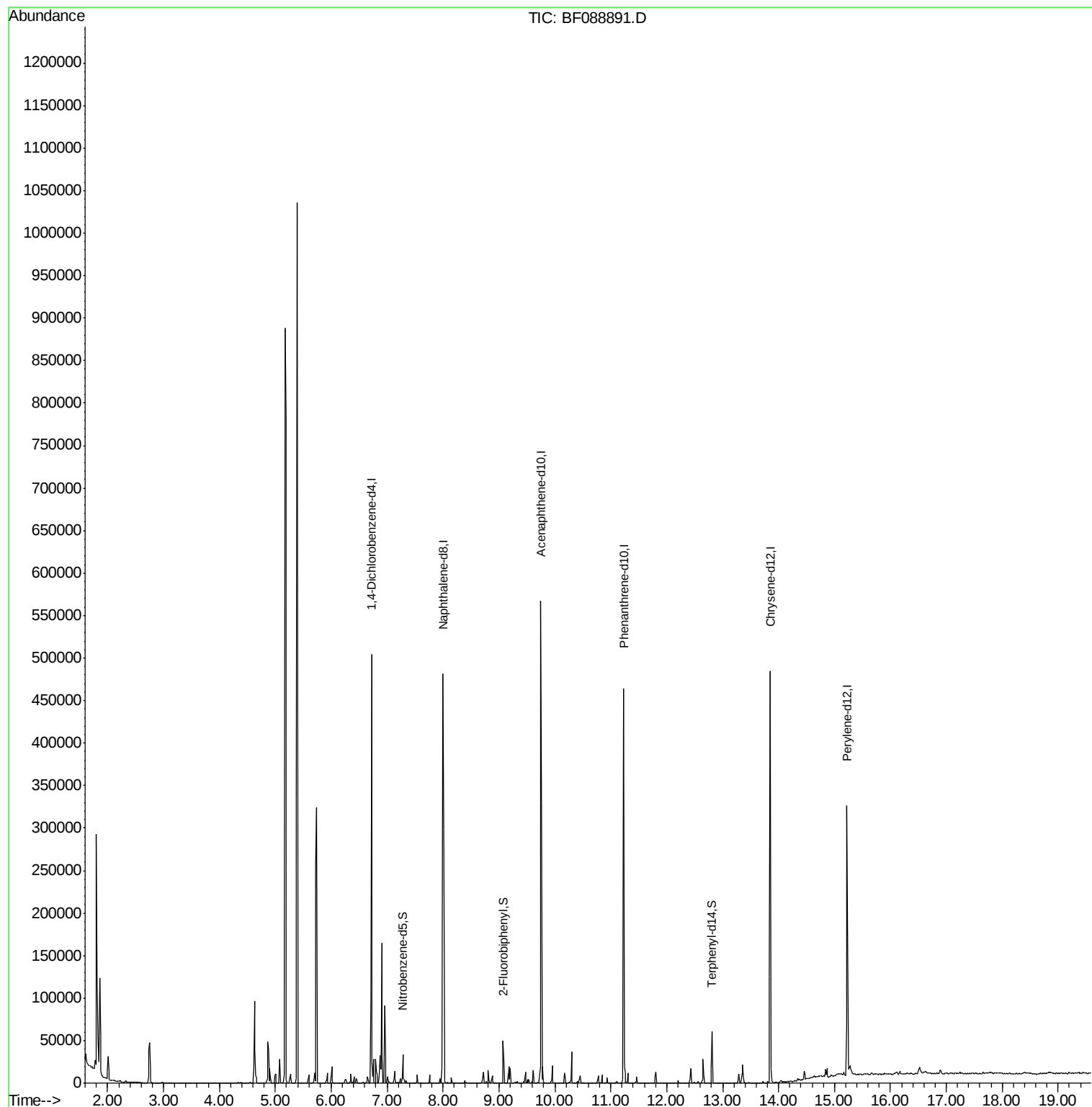
Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
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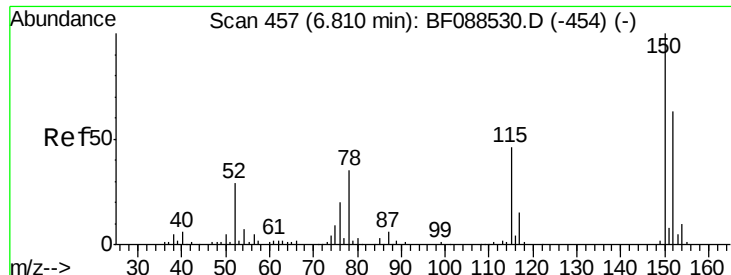
Instrument :
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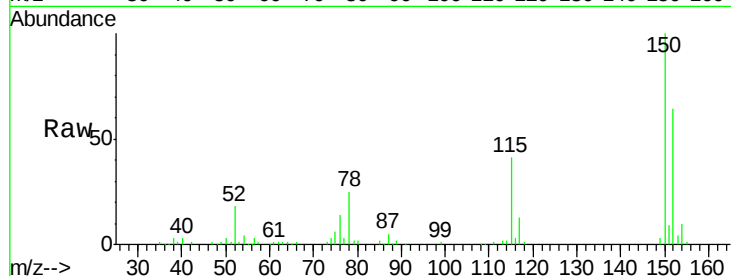
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

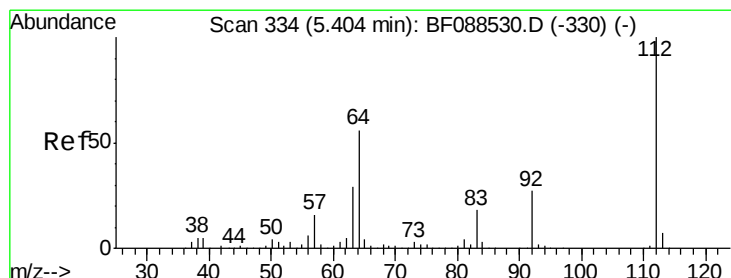
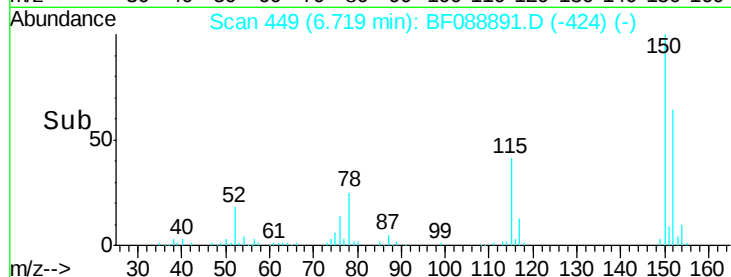
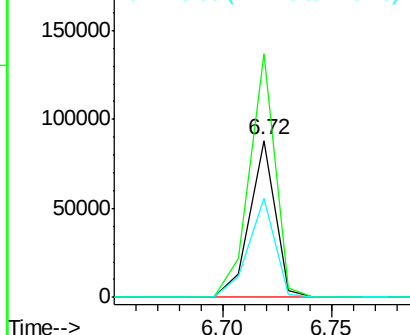
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	63.6	39.6	59.4

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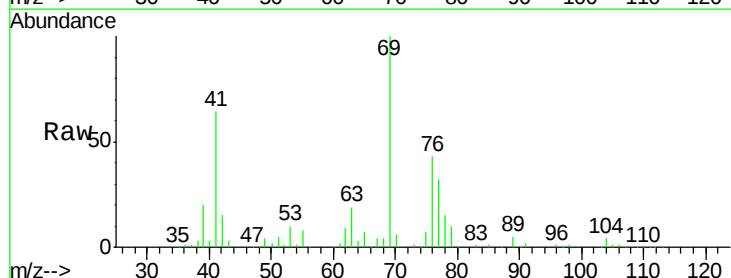


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

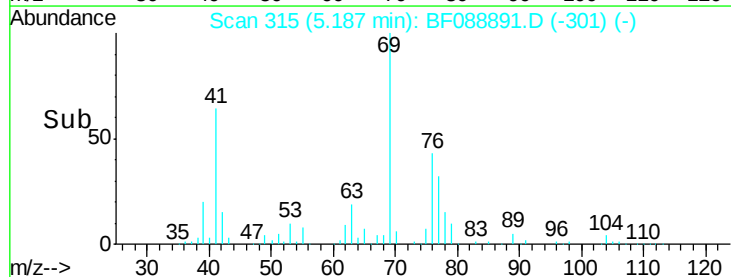
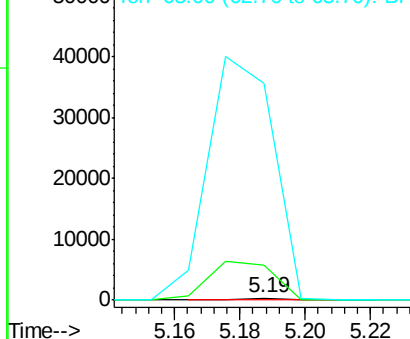


#5
 2-Fluorophenol
 Concen: 0.04 ng
 RT: 5.19 min Scan# 315
 Delta R.T. -0.14 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	1854.4	42.2	63.2
63	11708.9	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: 0.04 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088891.D

Acq: 10 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

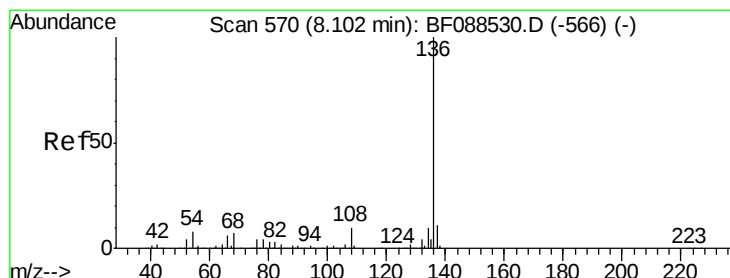
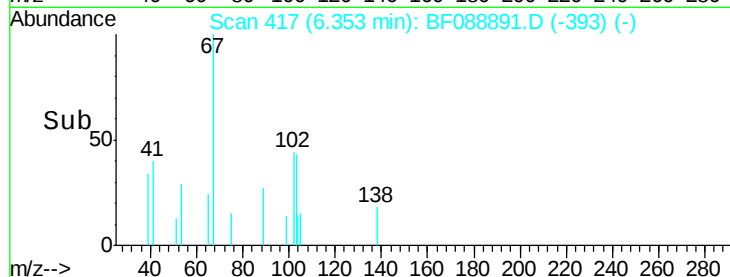
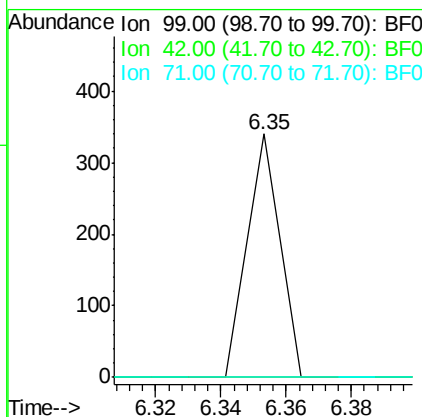
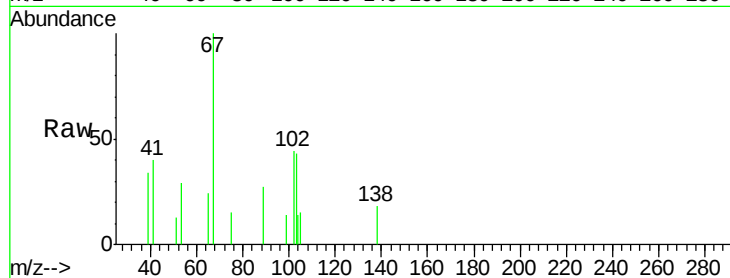
P001-TL001-01MS

Tot Ion:	99	Resp:	233
Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.2	18.2#
71	0.0	23.4	35.0#

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#21

Naphthalene-d8

Concen: 20.00 ng

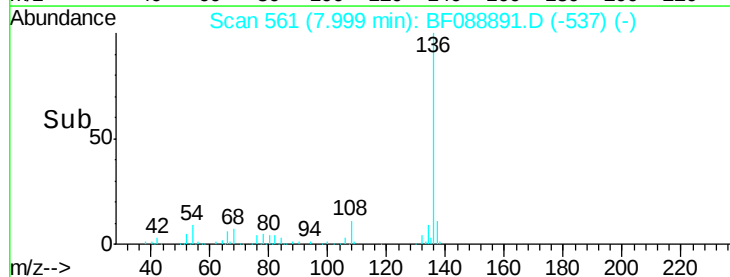
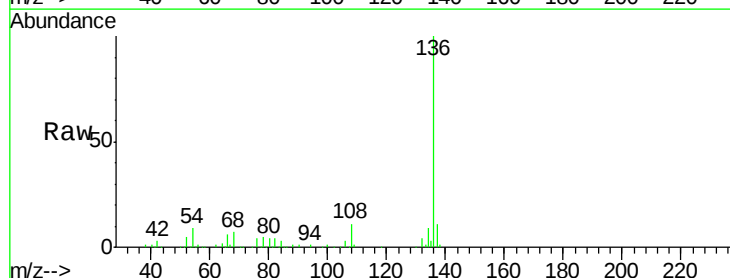
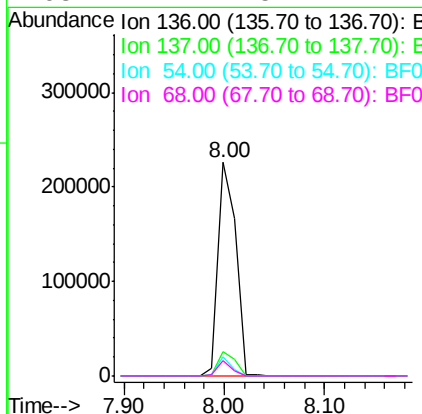
RT: 8.00 min Scan# 561

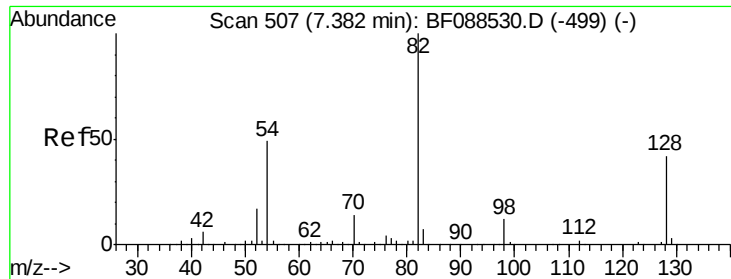
Delta R.T. -0.02 min

Lab File: BF088891.D

Acq: 10 Jul 2016 1:24

Tgt Ion:	136	Resp:	277453
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.9	6.6	10.0
68	7.2	5.1	7.7





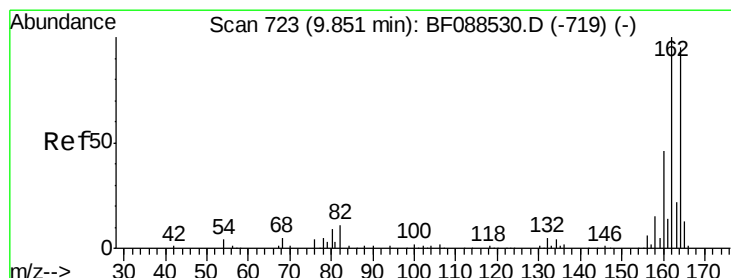
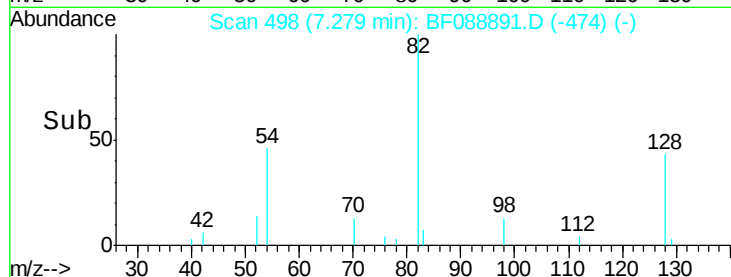
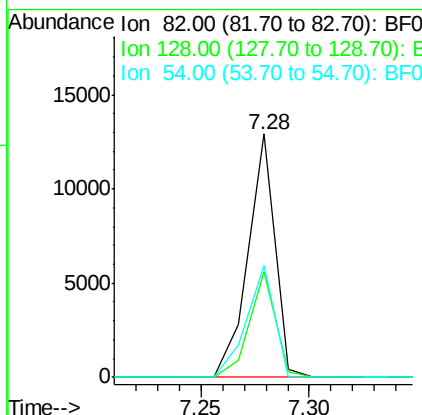
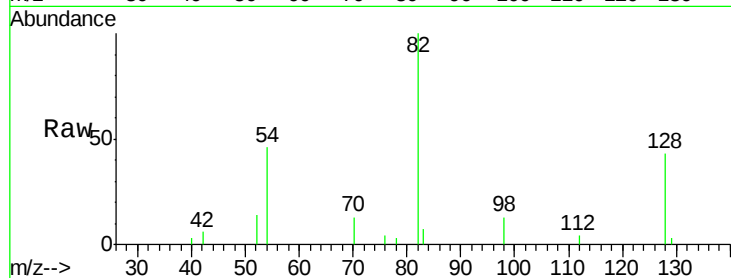
#23
 Nitrobenzene-d5
 Concen: 2.10 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

Tot Ion	82	Resp	11100
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.9	53.9
54	45.7	40.9	61.3

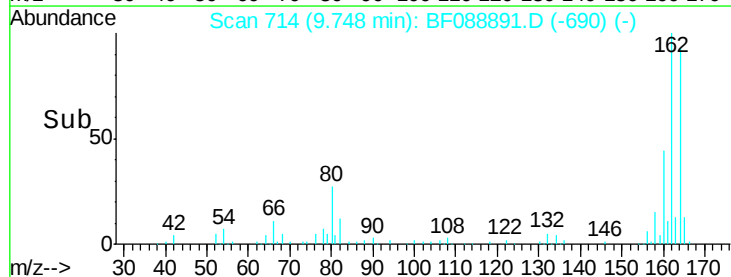
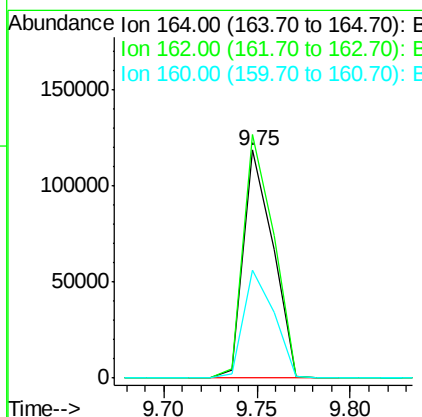
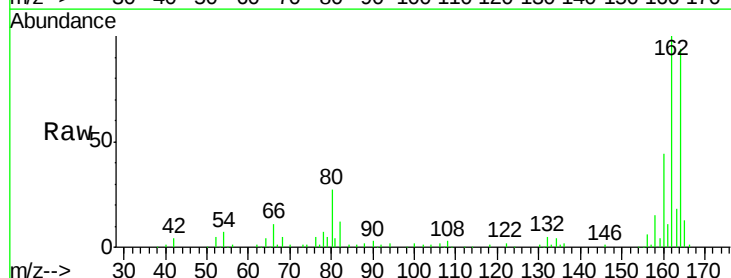
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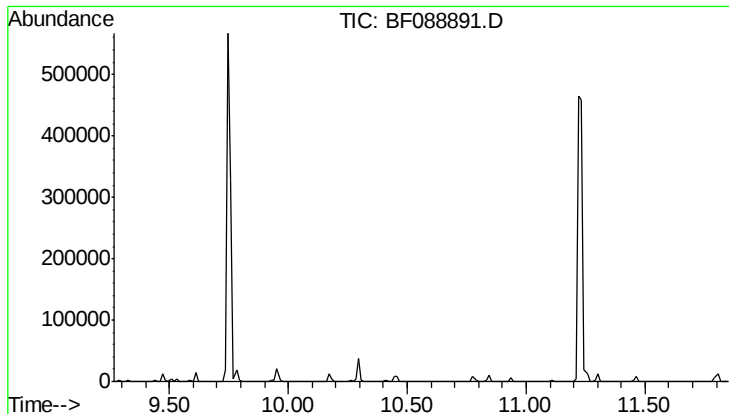
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Tgt Ion	164	Resp	130087
Ion Ratio	Lower	Upper	
164	100		
162	106.7	85.4	128.2
160	47.2	39.5	59.3





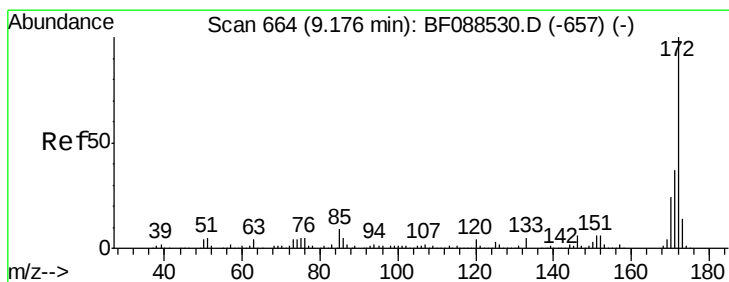
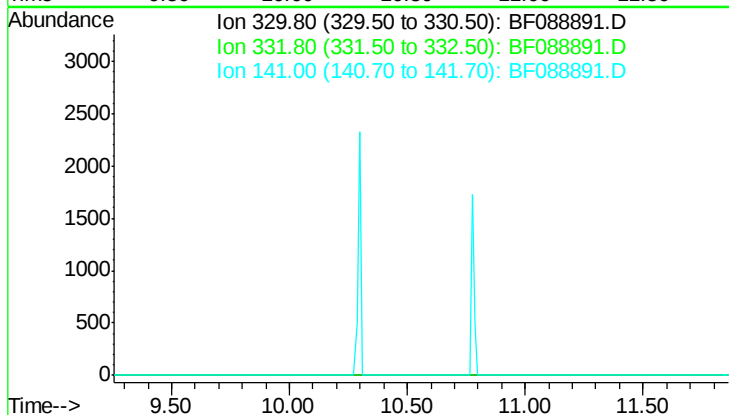
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.56 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

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

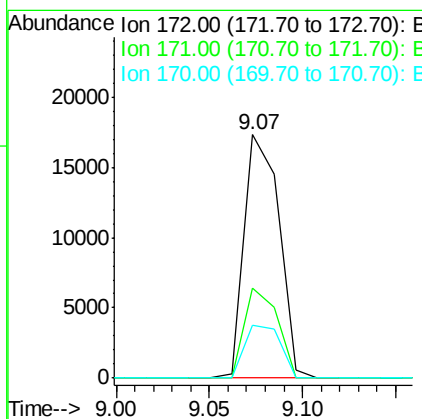
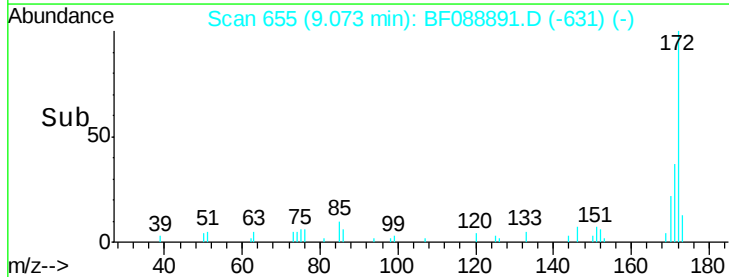
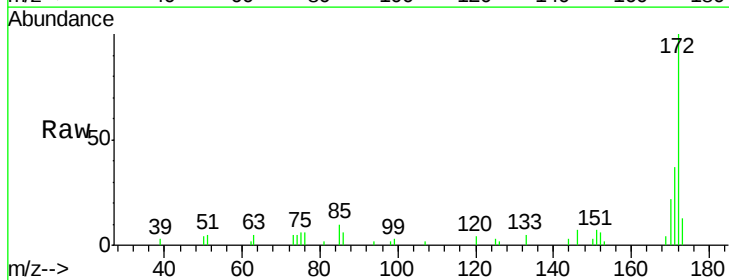
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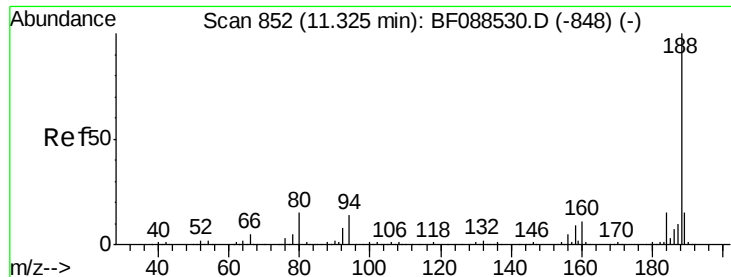
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#44
 2-Fluorobiphenyl
 Concen: 2.72 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Tgt Ion: 172 Resp: 22415
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 21.8 19.2 28.8





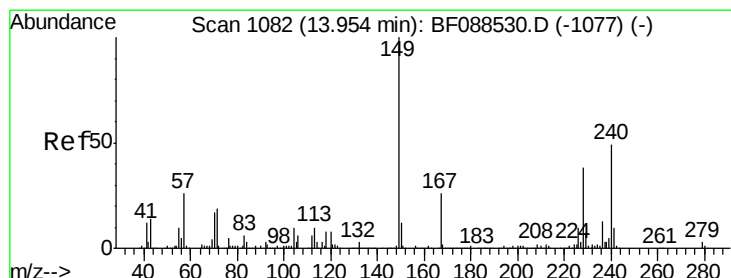
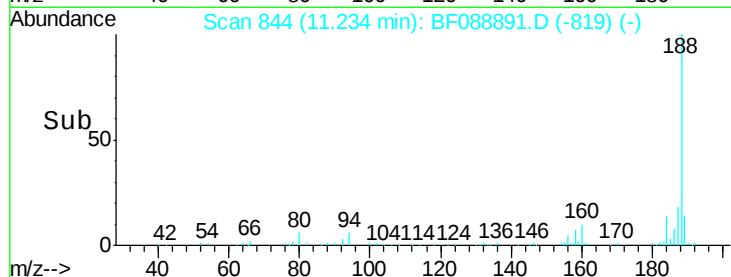
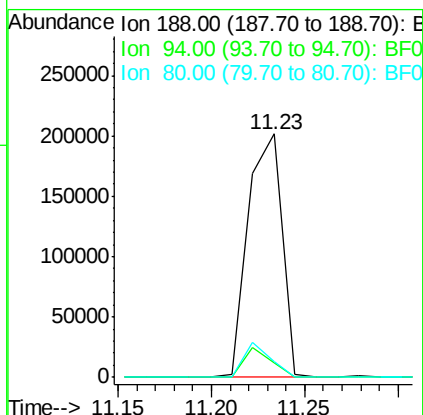
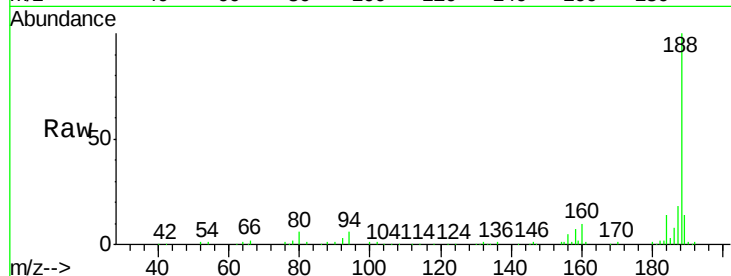
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088891.D
Acq: 10 Jul 2016 1:24

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MS

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.0	13.6#
80	6.3	10.0	15.0#

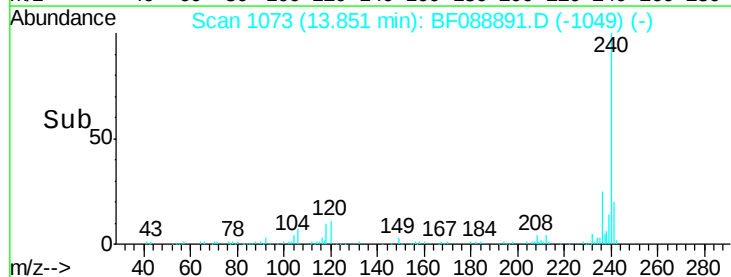
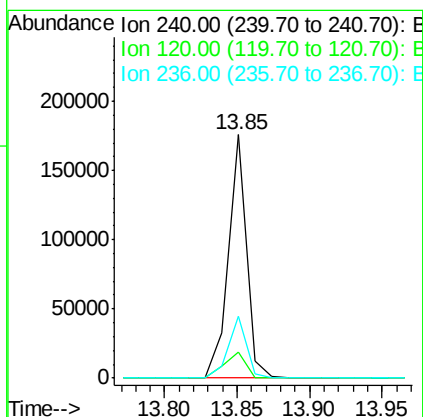
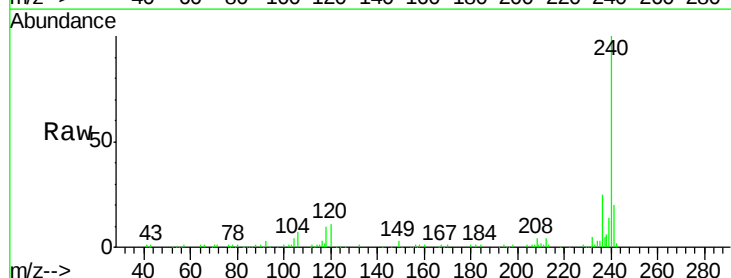
Manual Integrations

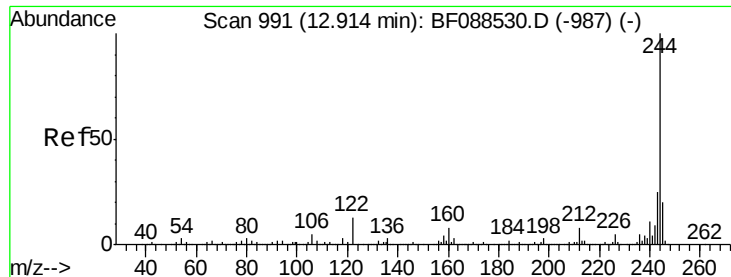
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088891.D
Acq: 10 Jul 2016 1:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	6.8	10.2#
236	25.5	20.2	30.2





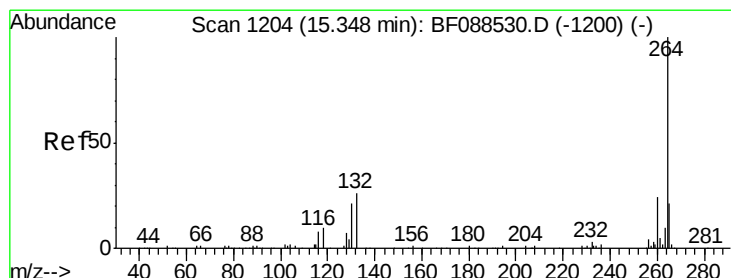
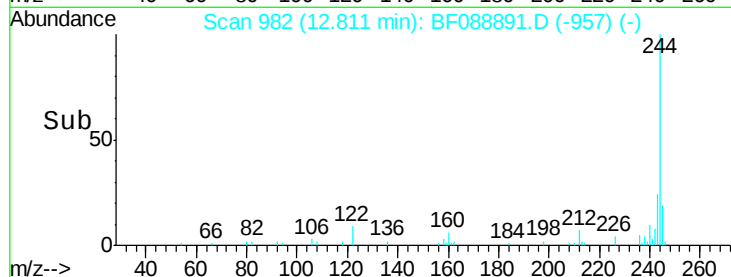
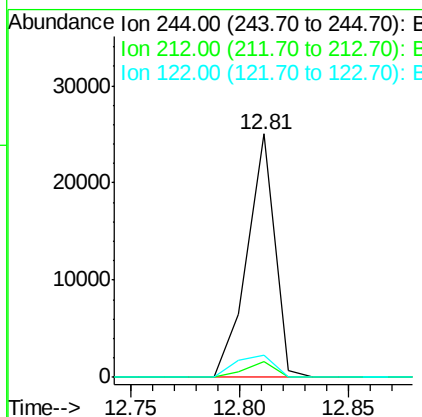
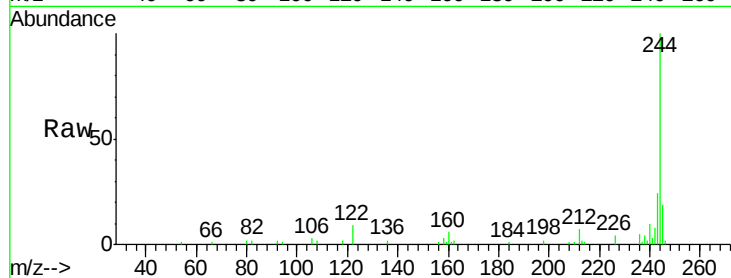
#78
 Terphenyl-d14
 Concen: 3.21 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088891.D
 Acq: 10 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	9.0	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: BF088891.D
 Acq: 10 Jul 2016 1:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	16.9	25.3

