

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090791.D
 Acq On : 24 Oct 2016 16:59
 Operator : UM/SJ
 Sample : PB94262TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94262TB

Manual Integrations
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Quant Time: Oct 24 19:12:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	211069	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	888476	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	475268	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	810291	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	697052	20.00	ng	-0.02
86) Perylene-d12	15.42	264	520794	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1288492	98.45	ng	-0.01
7) Phenol-d6	6.47	99	1746149	98.50	ng	-0.02
23) Nitrobenzene-d5	7.40	82	954549	58.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	486140	129.23	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1820352	59.46	ng	-0.03
78) Terphenyl-d14	12.94	244	1971576	64.82	ng	-0.02

Target Compounds Qvalue

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

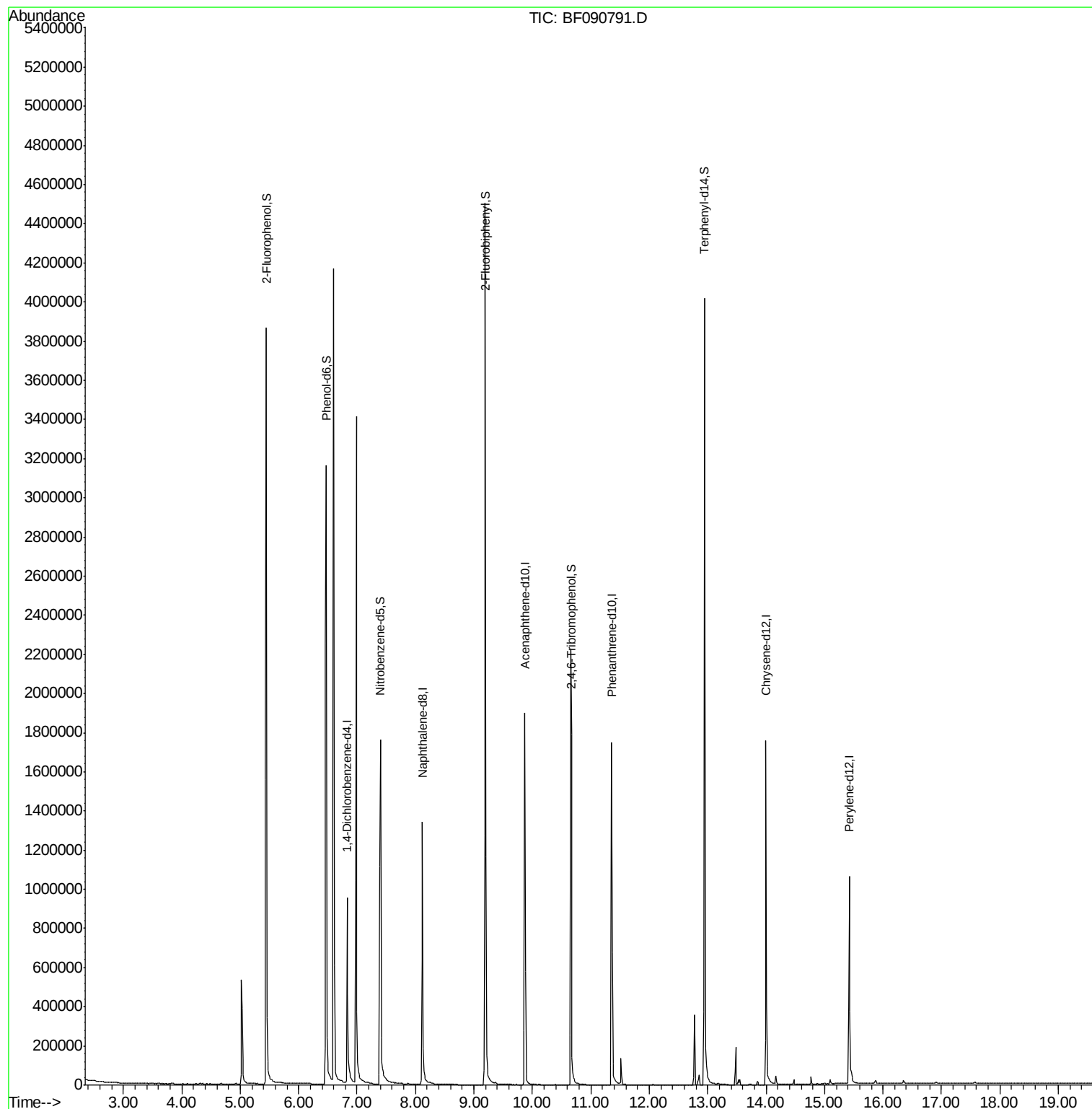
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
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Acq On : 24 Oct 2016 16:59
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ALS Vial : 5 Sample Multiplier: 1

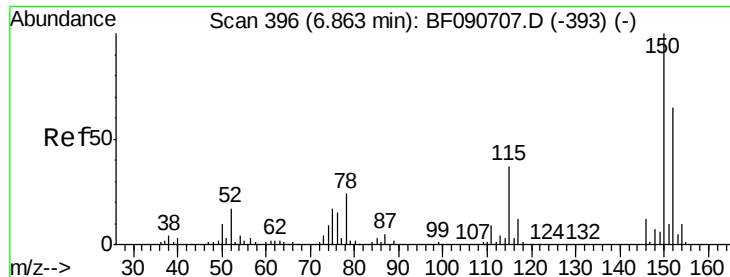
Instrument :
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ClientSampleId :
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Response via : Initial Calibration





#1

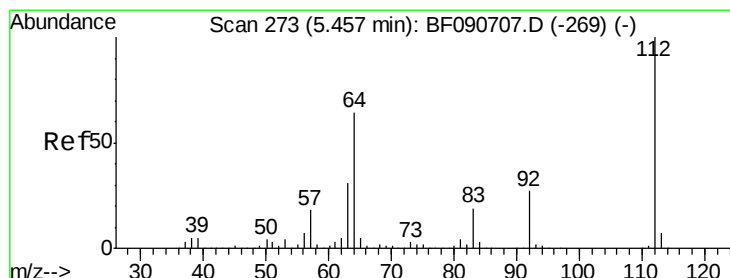
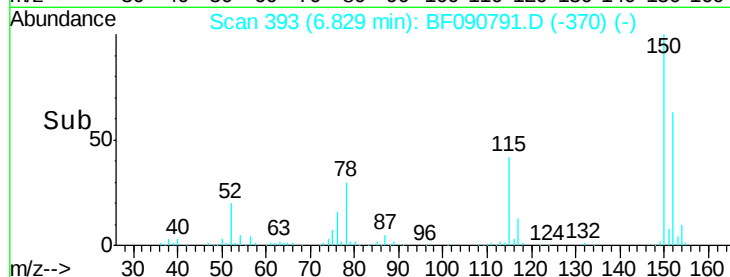
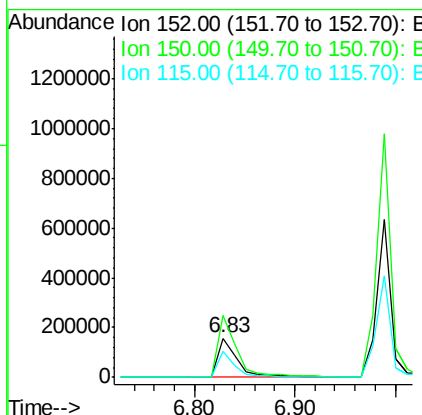
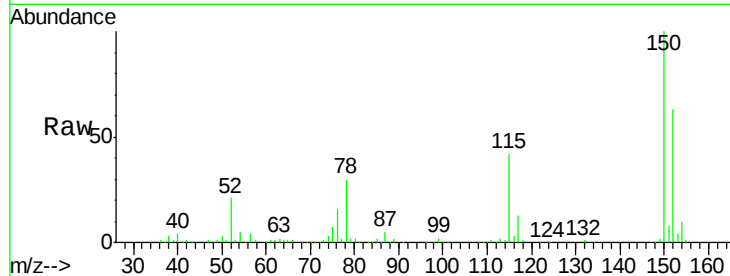
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 393
Delta R.T. -0.03 min
Lab File: BF090791.D
Acq: 24 Oct 2016 16:59

Instrument :
BNA_F
ClientSampleId :
PB94262TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	67.3	39.0	58.4

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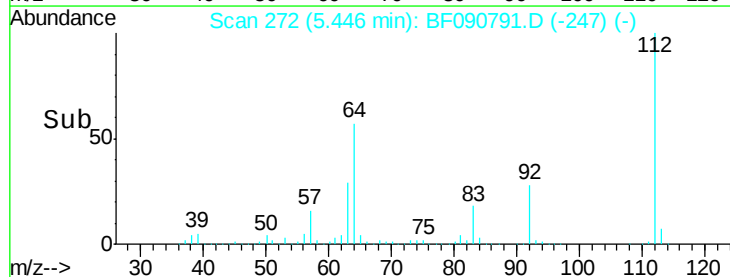
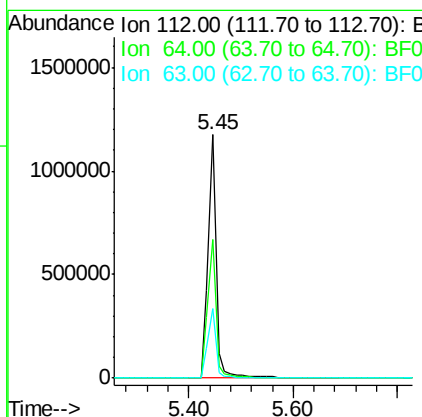
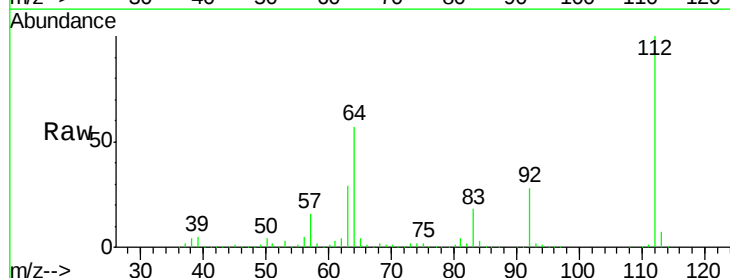
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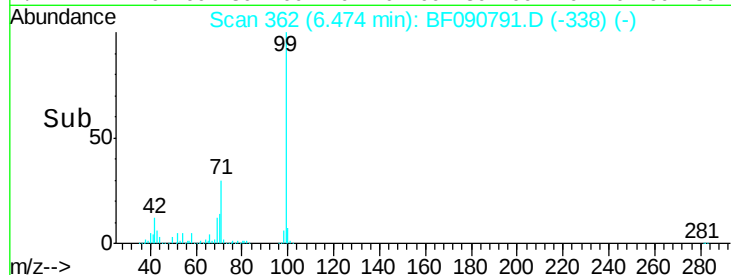
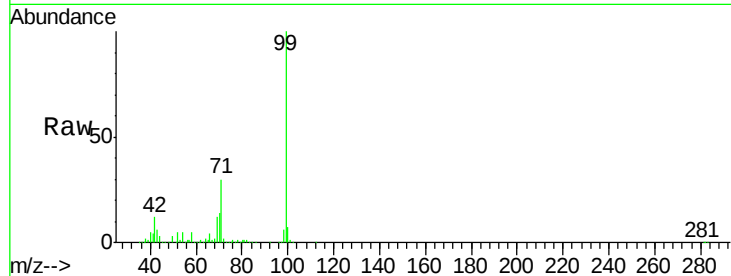
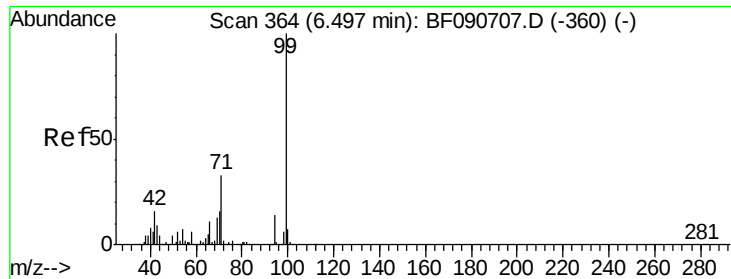


#5

2-Fluorophenol
Concen: 98.45 ng
RT: 5.45 min Scan# 272
Delta R.T. -0.01 min
Lab File: BF090791.D
Acq: 24 Oct 2016 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.7	59.5
63	28.8	17.4	26.0





#7

Phenol-d6

Concen: 98.50 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Tot Ion: 99 Resp: 1746149

Ion Ratio Lower Upper

99 100

42 12.3 13.7 20.5#

71 29.9 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

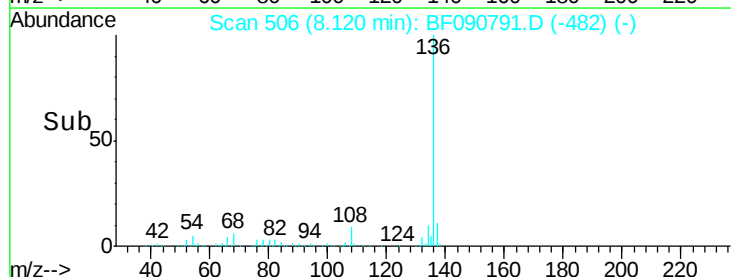
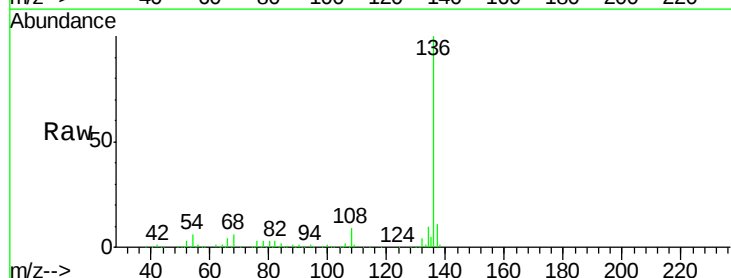
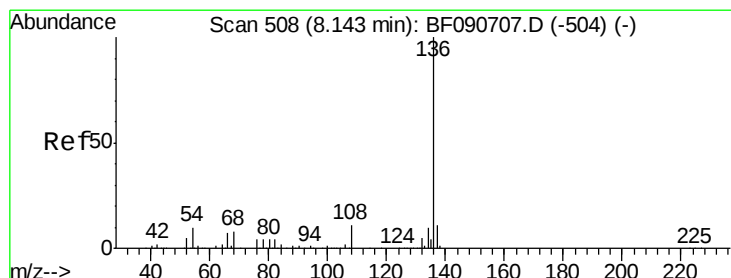
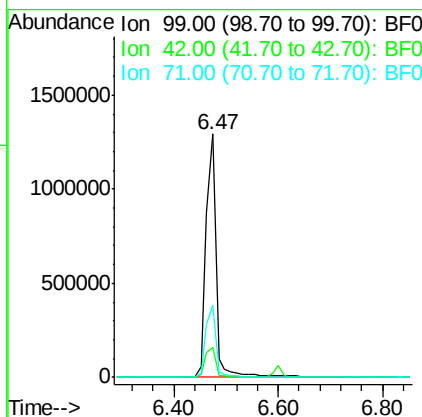
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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Tgt Ion: 136 Resp: 888476

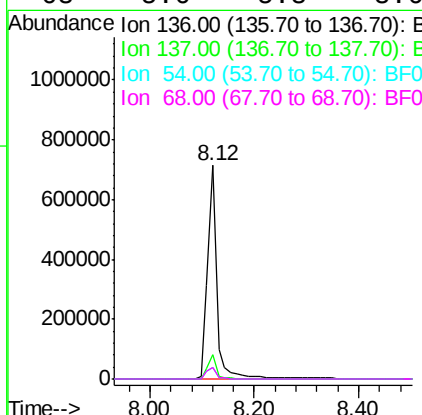
Ion Ratio Lower Upper

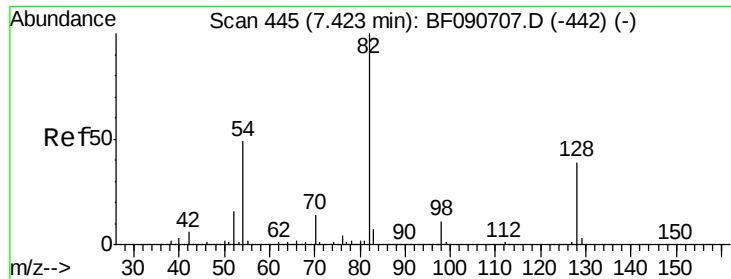
136 100

137 11.3 9.0 13.6

54 5.6 8.2 12.2#

68 5.6 5.8 8.6#





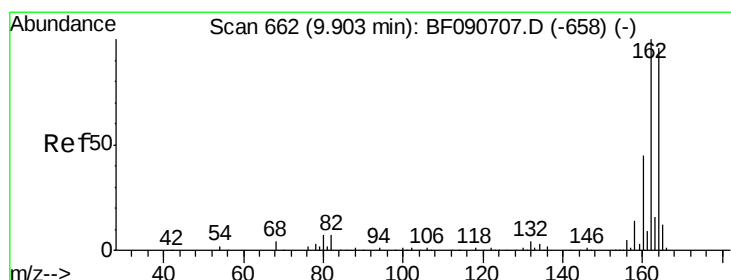
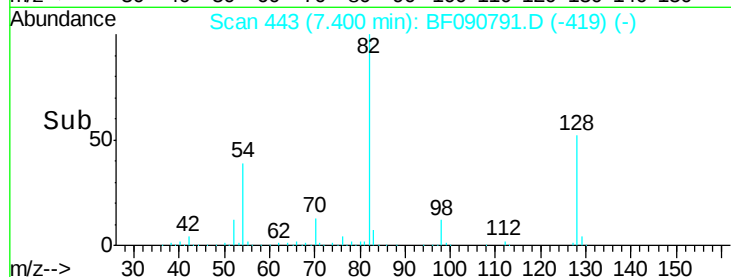
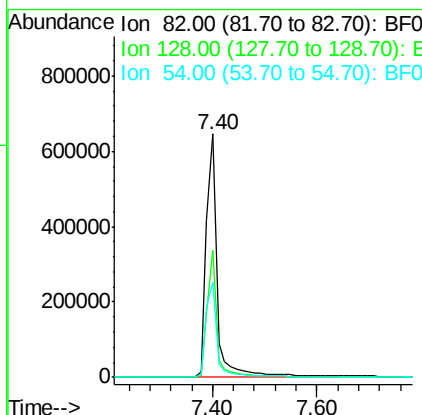
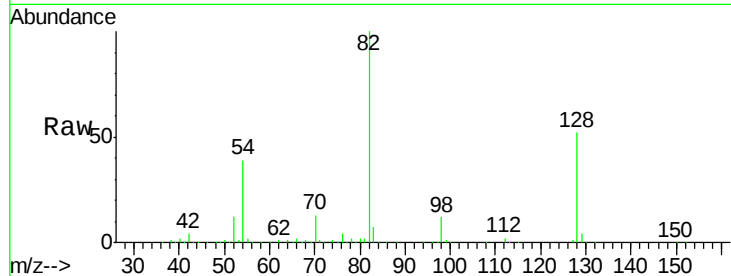
#23
 Nitrobenzene-d5
 Concen: 58.93 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94262TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.4	51.0	76.6
54	39.2	47.5	71.3

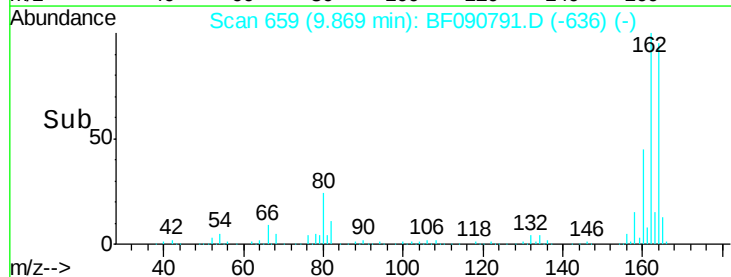
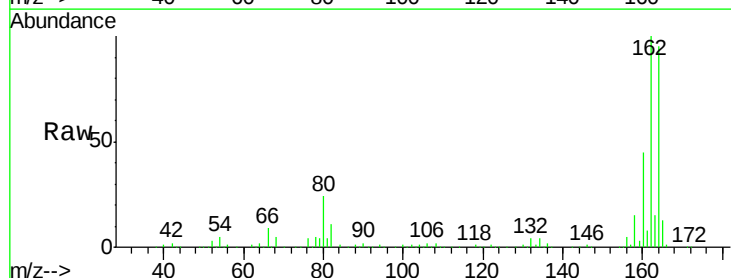
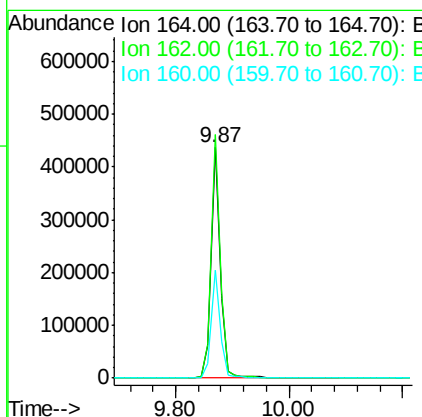
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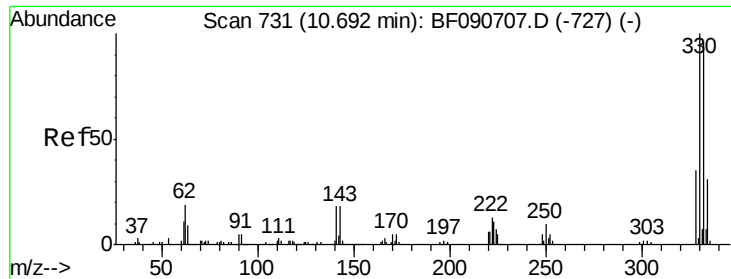
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	75.2	112.8
160	47.0	31.5	47.3





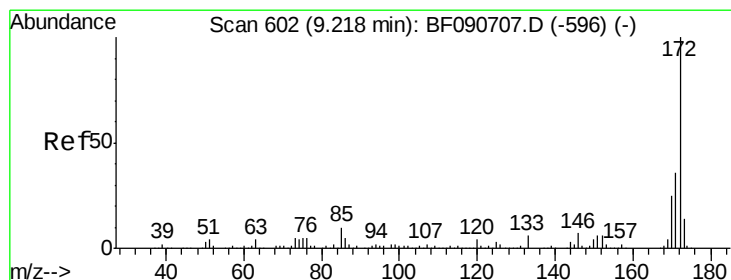
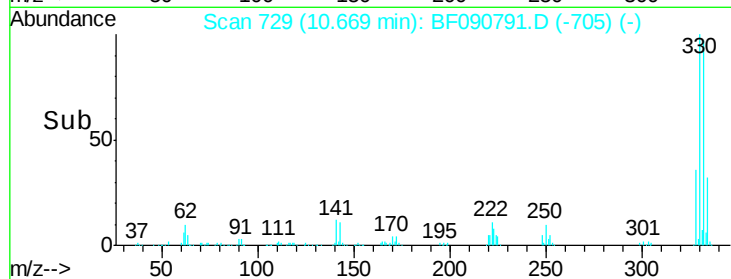
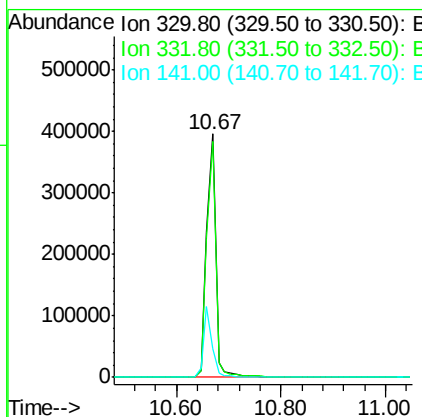
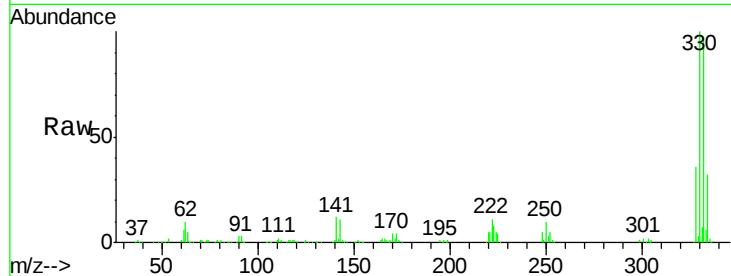
#41
 2,4,6-Tribromophenol
 Concen: 129.23 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94262TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	486140		
332	96.5	76.6	114.8	
141	27.7	29.7	44.5#	

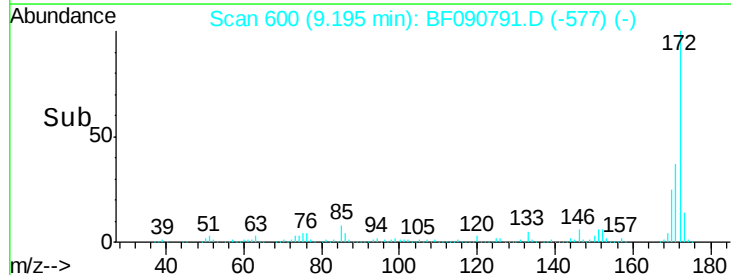
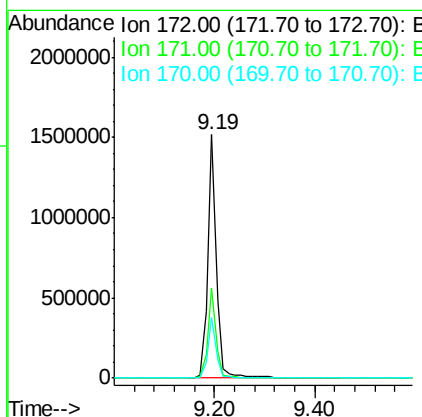
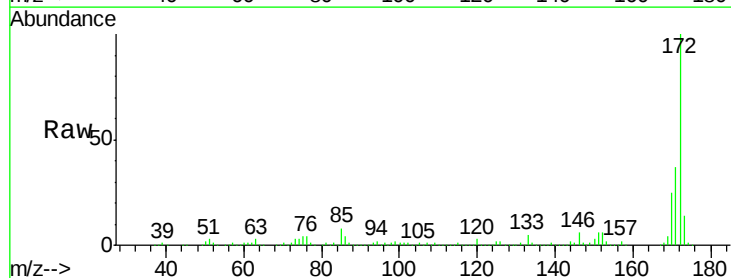
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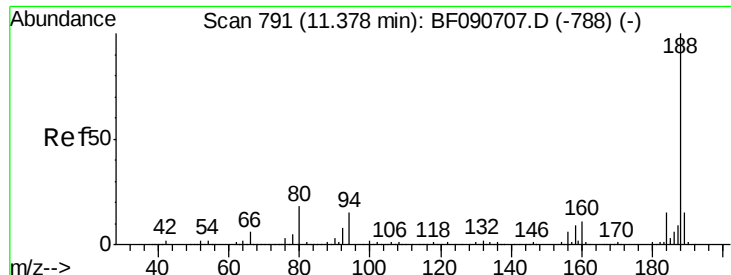
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#44
 2-Fluorobiphenyl
 Concen: 59.46 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1820352		
171	36.9	26.1	39.1	
170	24.9	17.4	26.2	





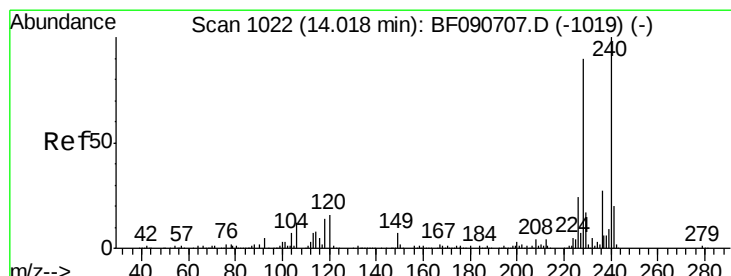
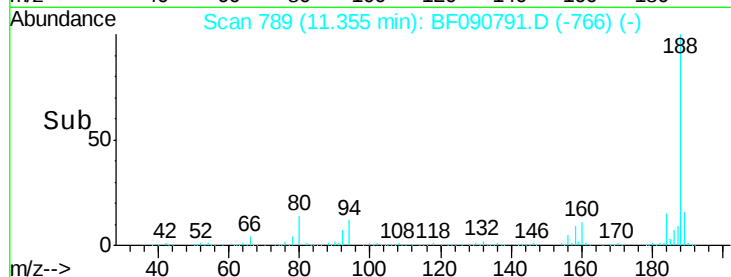
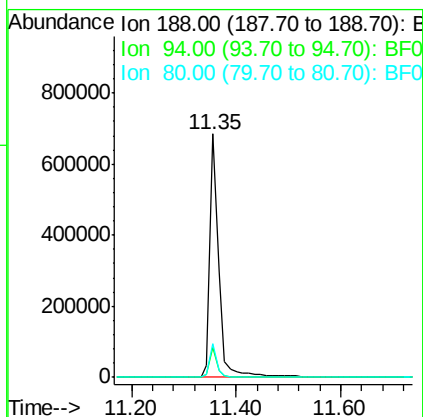
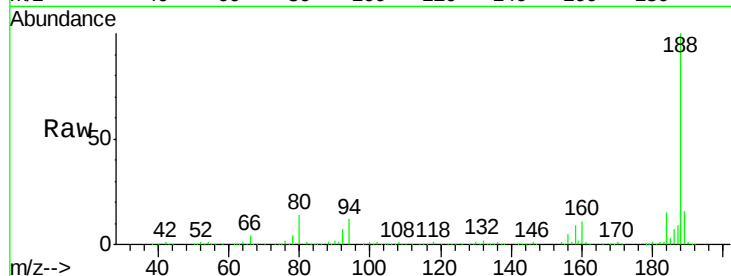
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090791.D
Acq: 24 Oct 2016 16:59

Instrument :
BNA_F
ClientSampleId :
PB94262TB

Tot Ion	Ratio	Resp	Lower	Upper
188	100	810291		
94	12.4		11.1	16.7
80	13.9		11.0	16.4

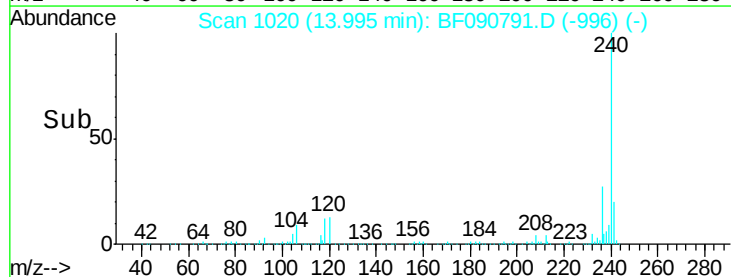
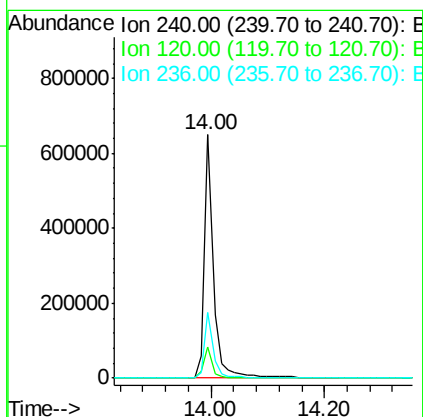
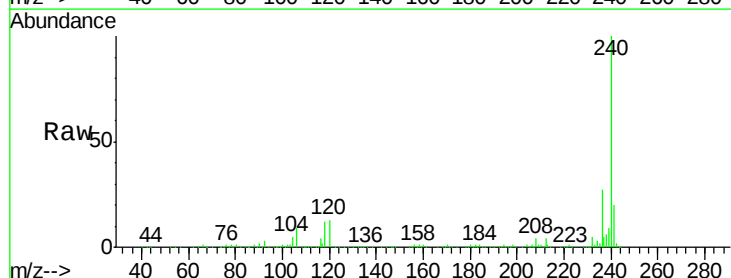
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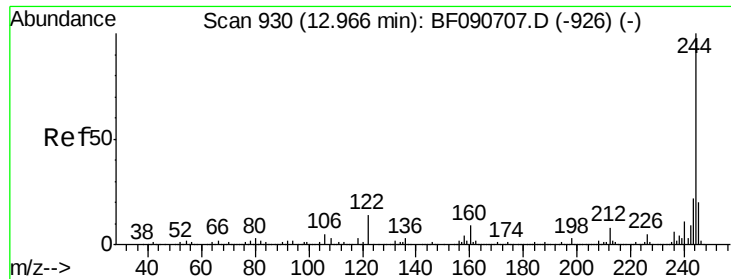
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF090791.D
Acq: 24 Oct 2016 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	697052		
120	13.0		16.2	24.2#
236	27.0		18.4	27.6





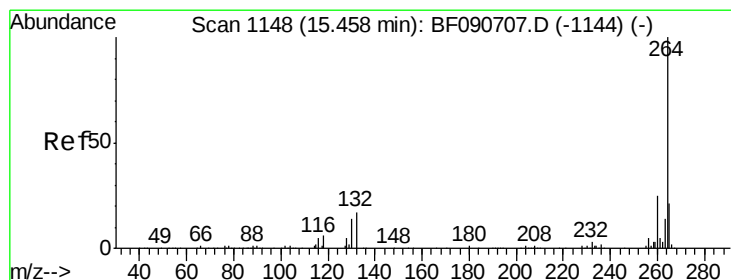
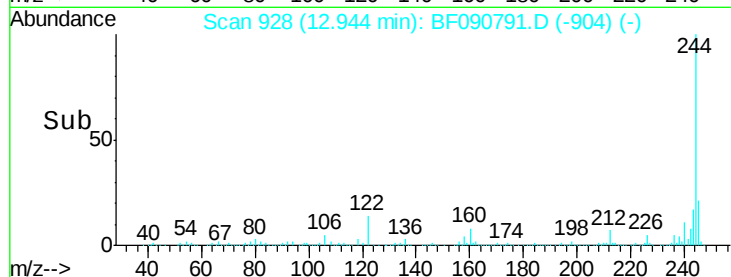
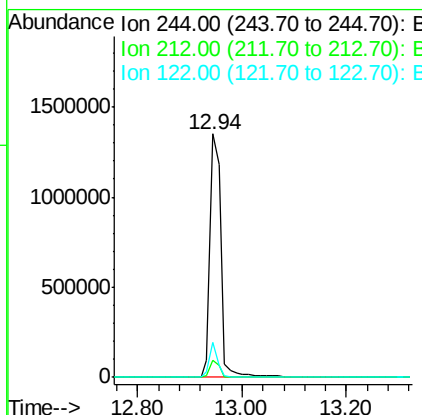
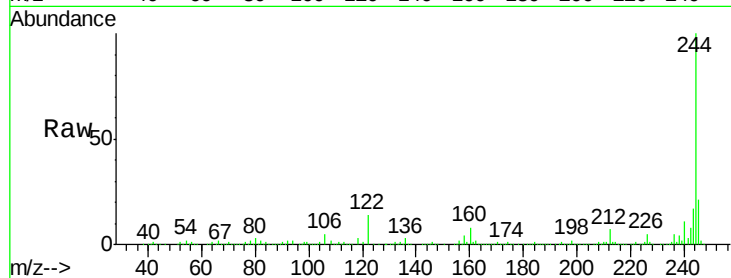
#78
 Terphenyl-d14
 Concen: 64.82 ng
 RT: 12.94 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB94262TB

Tot Ion:244 Resp: 1971576
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 14.4 17.4 26.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Tgt Ion:264 Resp: 520794
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.7 17.2 25.8

