

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088011.D
 Acq On : 14 Jun 2016 21:27
 Operator : UM/SJ
 Sample : H3474-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7-B4(0-6)C

Manual Integrations
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Quant Time: Jun 15 04:47:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110210	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	446973	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	187450	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	277361	20.00	ng	0.00
75) Chrysene-d12	13.93	240	235840	20.00	ng	-0.01
86) Perylene-d12	15.35	264	224017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	336373	52.18	ng	0.00
7) Phenol-d6	6.41	99	399737	51.16	ng	-0.01
23) Nitrobenzene-d5	7.35	82	243922	31.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	65222	32.95	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	439993	33.52	ng	0.00
78) Terphenyl-d14	12.89	244	282534	27.26	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	64444	4.75	ng	99
70) Phenanthrene	11.32	178	49778	3.42	ng	98
74) Fluoranthene	12.51	202	83353	5.43	ng	96
77) Pyrene	12.74	202	70857	4.05	ng	98
80) Benzo(a)anthracene	13.93	228	45820	3.41	ng	96
82) Chrysene	13.97	228	35434m	2.80	ng	
87) Benzo(b)fluoranthene	14.95	252	55933m	3.58	ng	
89) Benzo(a)pyrene	15.28	252	36698	2.91	ng	# 90

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

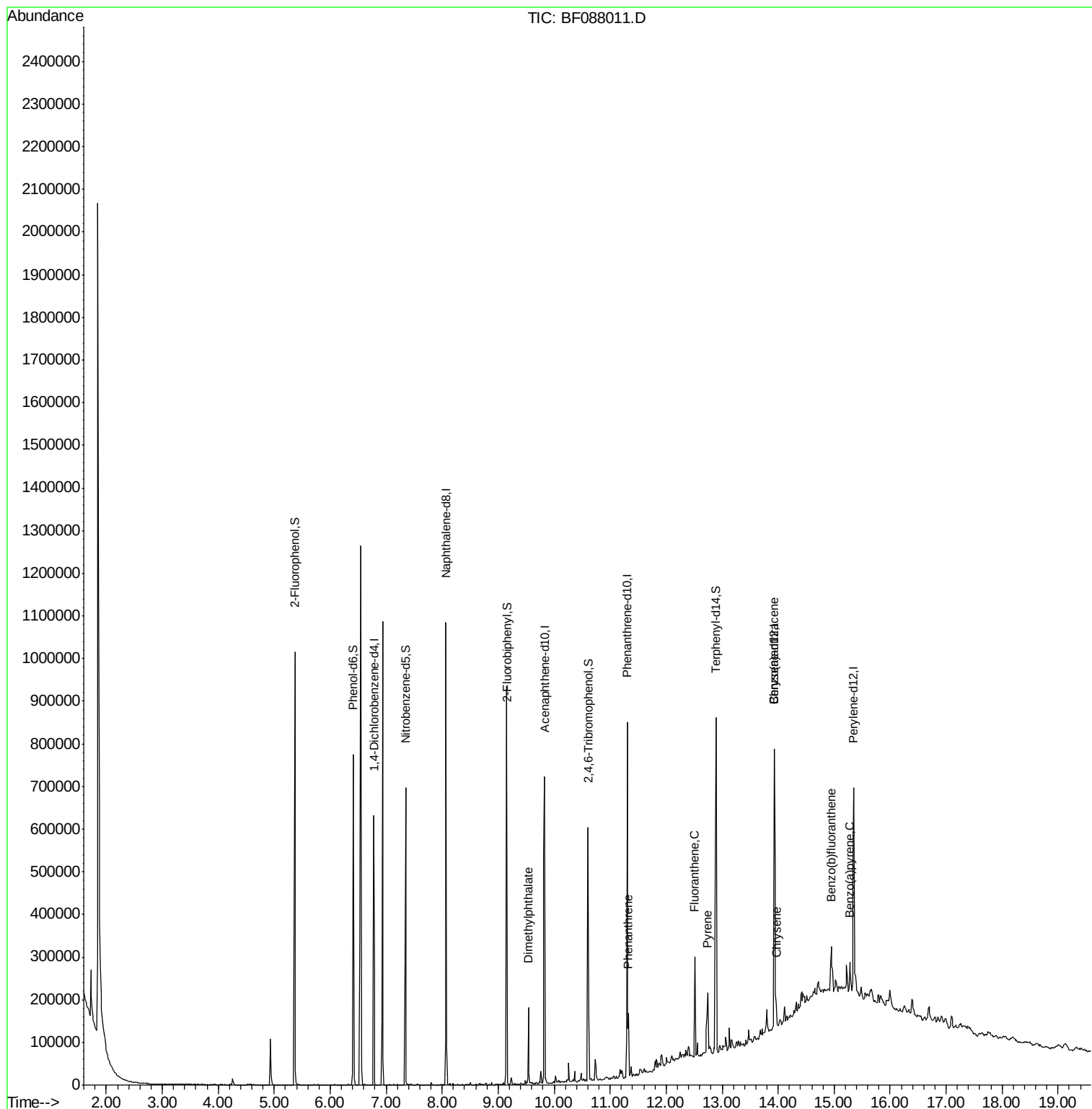
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088011.D
Acq On : 14 Jun 2016 21:27
Operator : UM/SJ
Sample : H3474-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

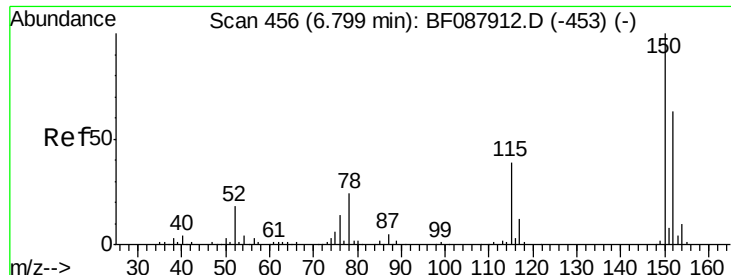
Instrument :
BNA_F
ClientSampleId :
S7-B4(0-6)C

Manual Integrations
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Quant Time: Jun 15 04:47:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

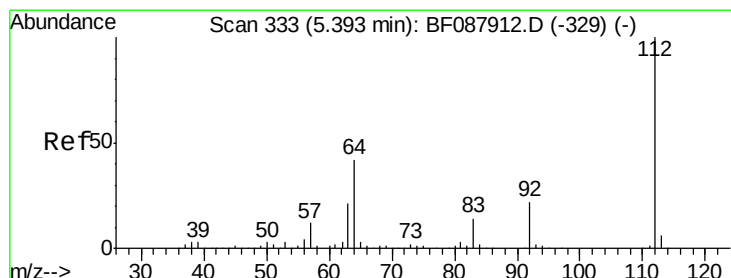
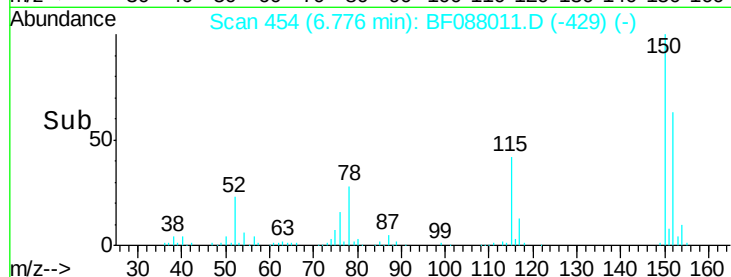
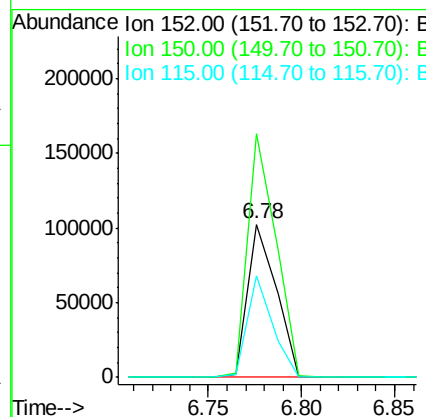
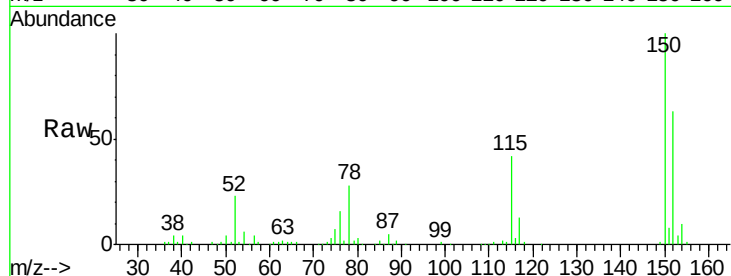
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
S7-B4(0-6)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	66.1	39.6	59.4

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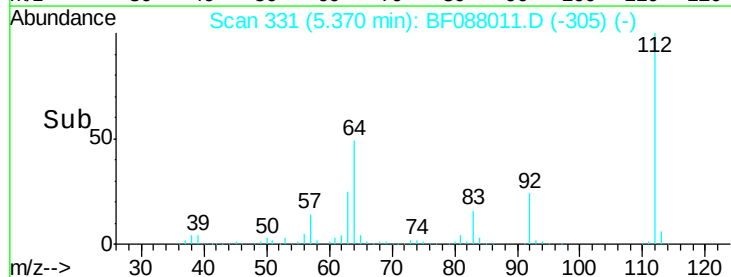
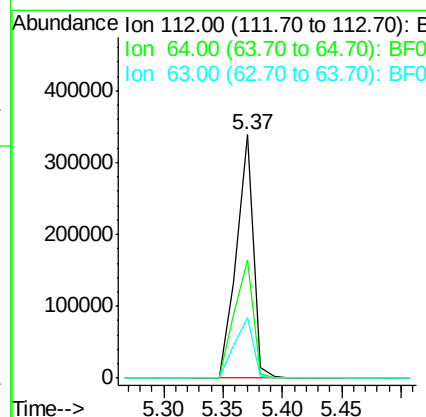
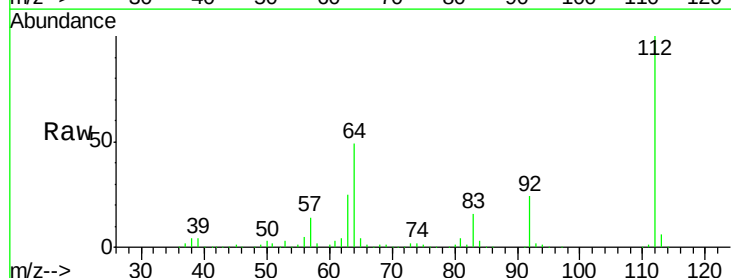
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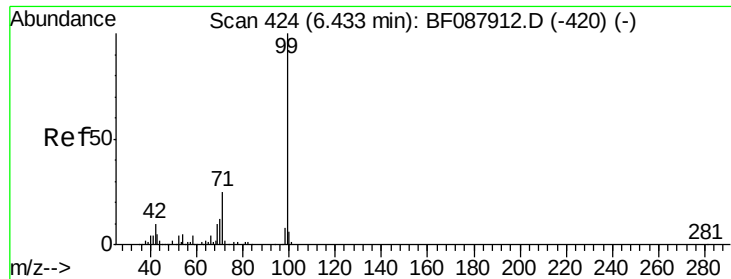


#5

2-Fluorophenol
Concen: 52.18 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.6	42.2	63.2
63	24.8	21.8	32.8





#7

Phenol-d6

Concen: 51.16 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088011.D

Acq: 14 Jun 2016 21:27

Instrument :

BNA_F

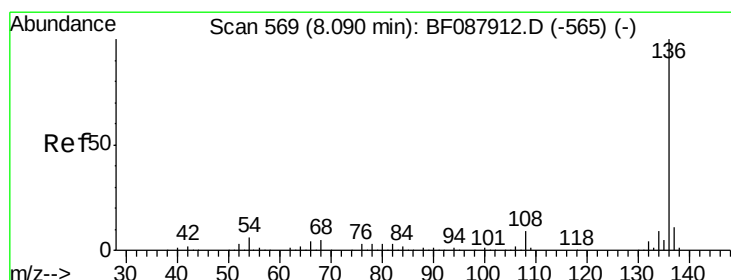
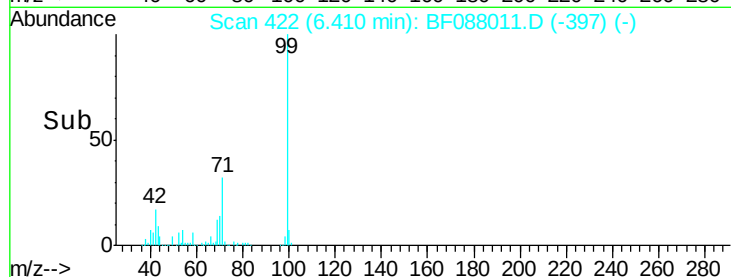
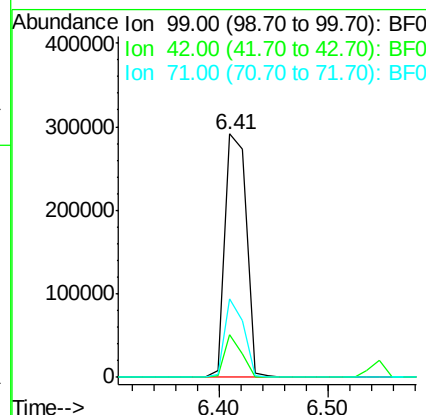
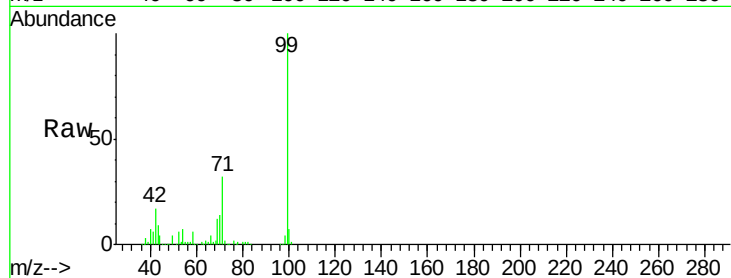
ClientSampleId :

S7-B4(0-6)C

Tot Ion:	99	Resp:	399737
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.2	18.2
71	32.1	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

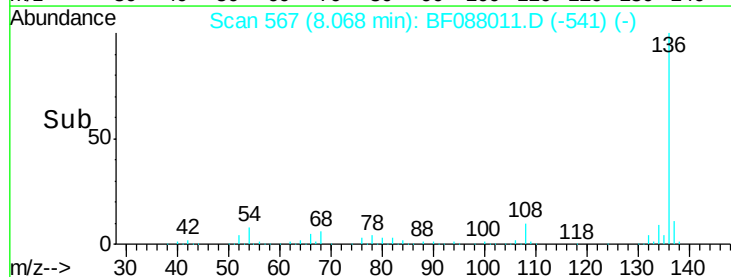
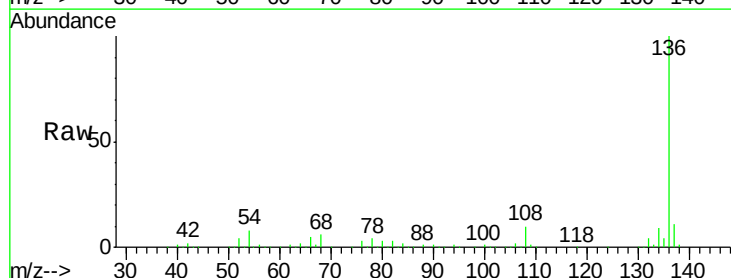
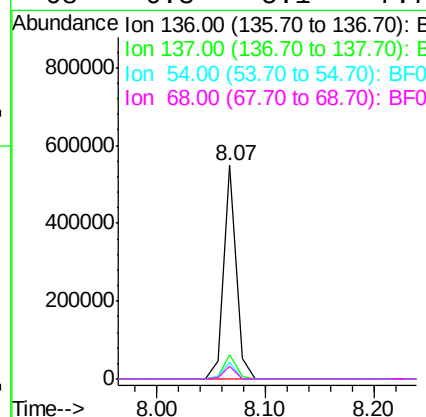
RT: 8.07 min Scan# 567

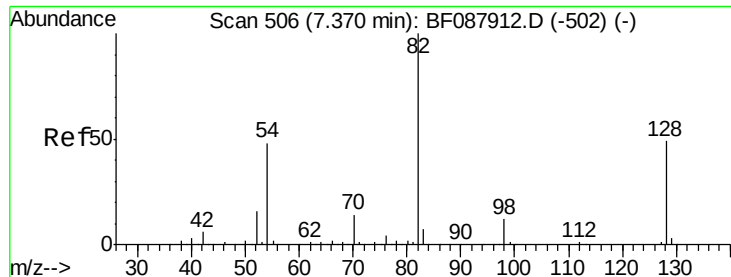
Delta R.T. 0.00 min

Lab File: BF088011.D

Acq: 14 Jun 2016 21:27

Tgt Ion:	136	Resp:	446973
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.6	6.6	10.0
68	6.3	5.1	7.7





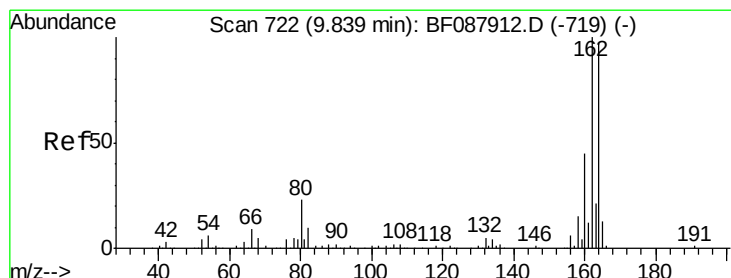
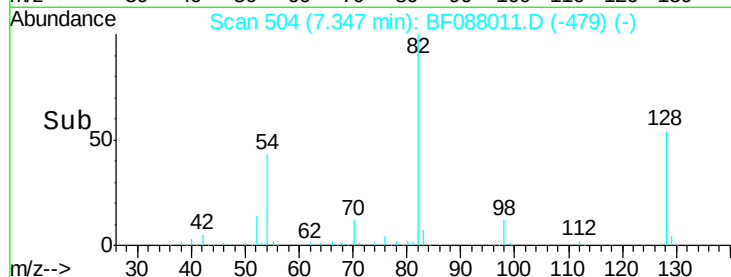
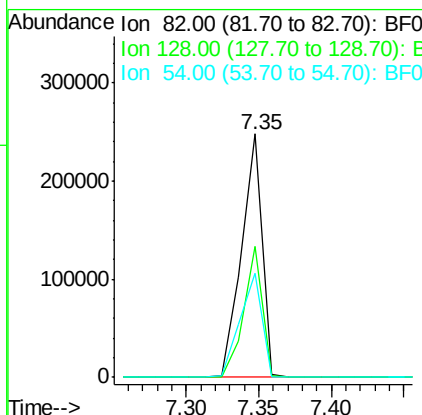
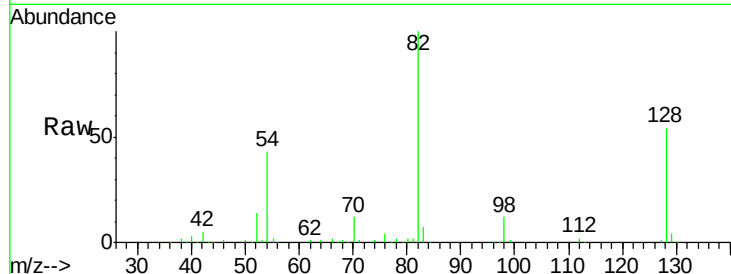
#23
Nitrobenzene-d5
Concen: 31.87 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
S7-B4(0-6)C

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.8	35.9	53.9
54	42.9	40.9	61.3

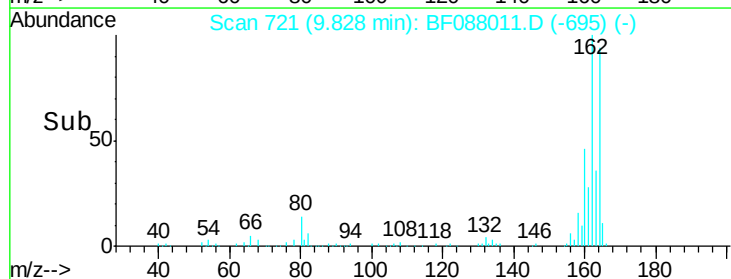
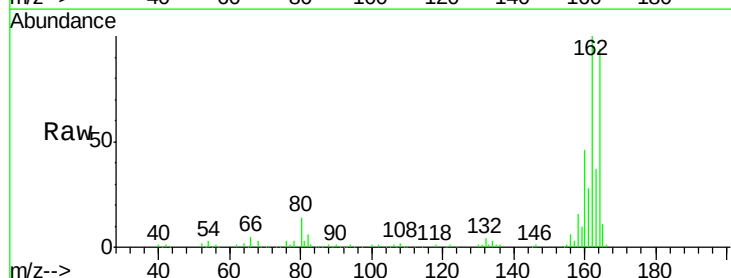
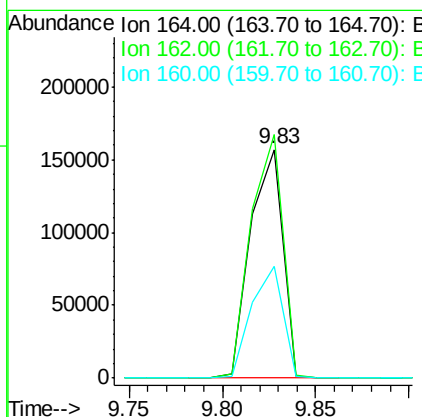
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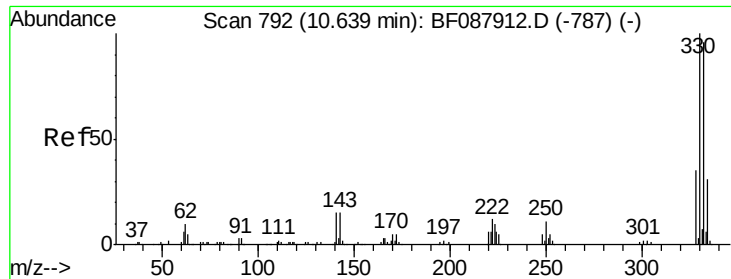
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.4	128.2
160	49.1	39.5	59.3





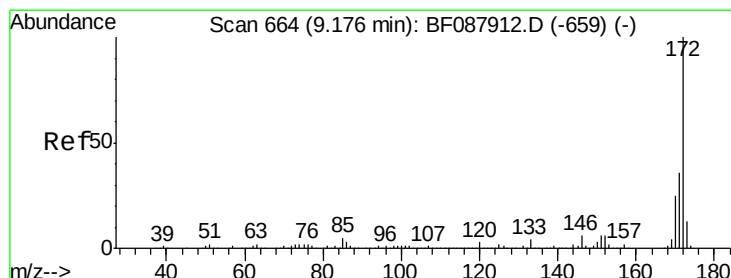
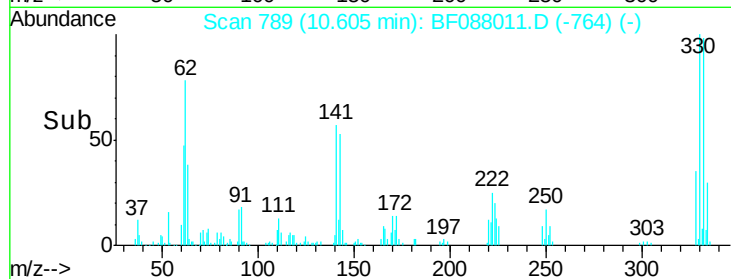
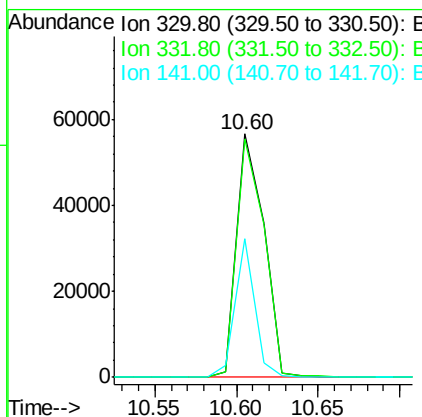
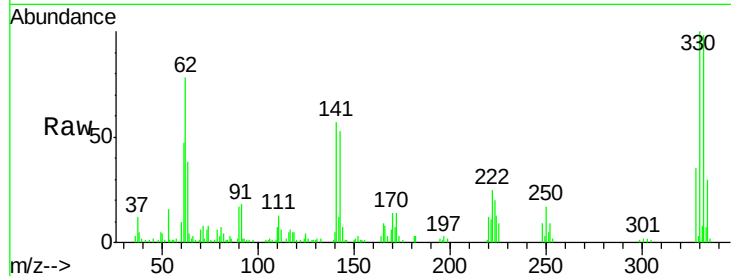
#41
 2,4,6-Tribromophenol
 Concen: 32.95 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF088011.D
 Acq: 14 Jun 2016 21:27

Instrument :
 BNA_F
 ClientSampleId :
 S7-B4(0-6)C

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	40.7	0.0	0.0#

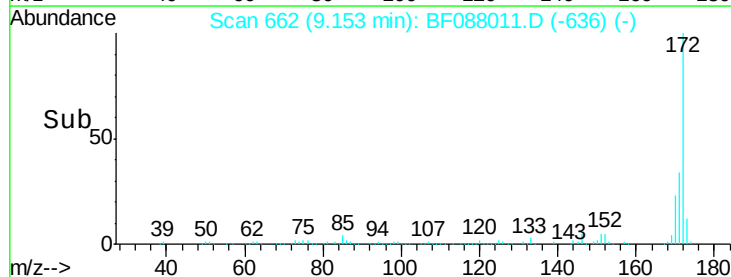
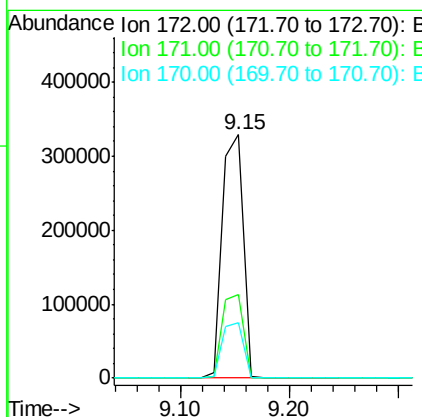
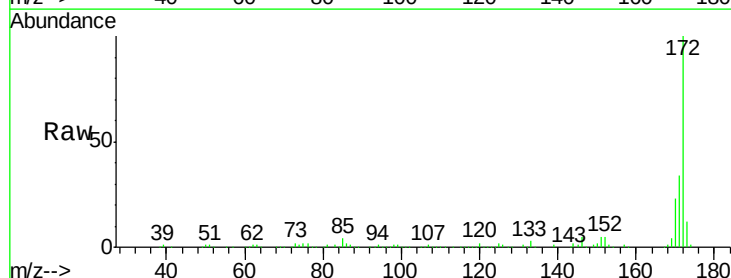
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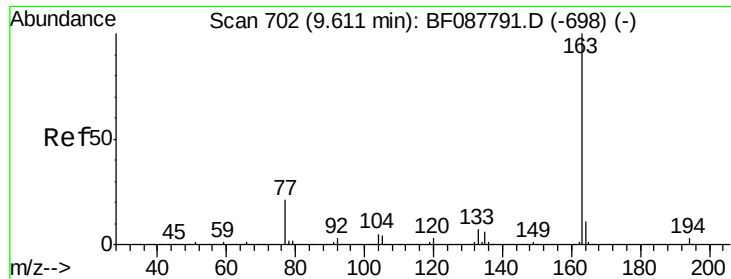
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#44
 2-Fluorobiphenyl
 Concen: 33.52 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088011.D
 Acq: 14 Jun 2016 21:27

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.6	19.2	28.8





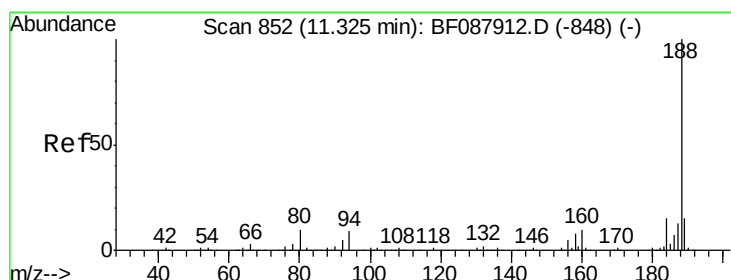
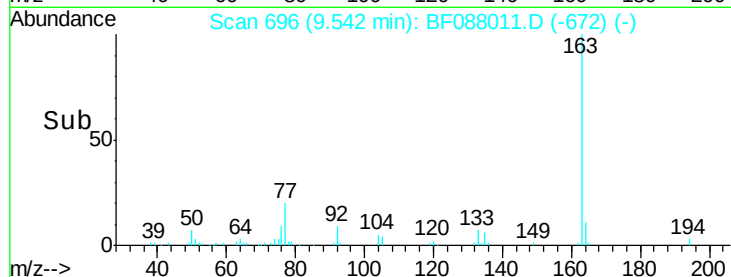
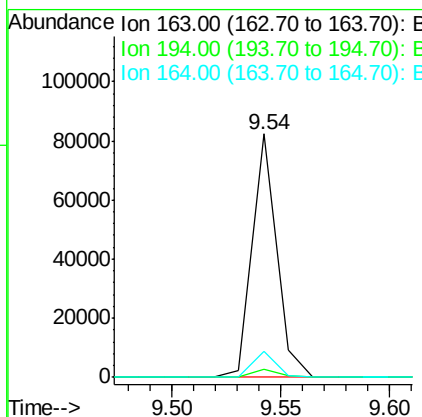
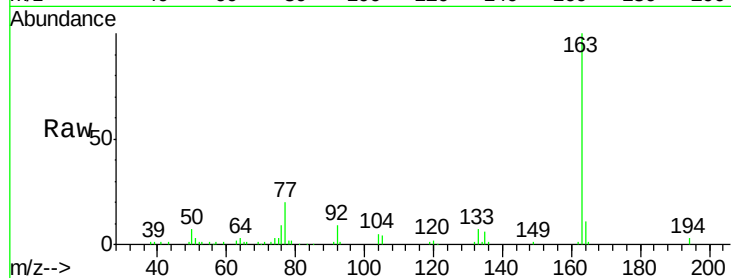
#49
Dimethylphthalate
Concen: 4.75 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Instrument :
BNA_F
ClientSampled :
S7-B4(0-6)C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	8.3	12.5

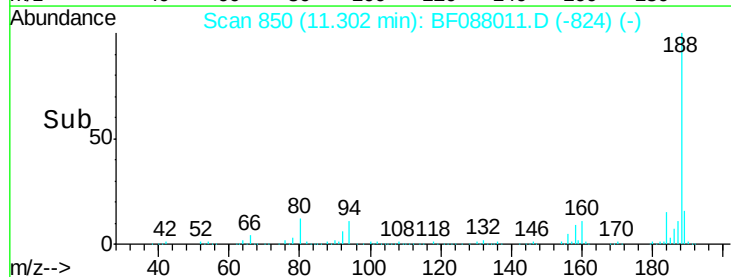
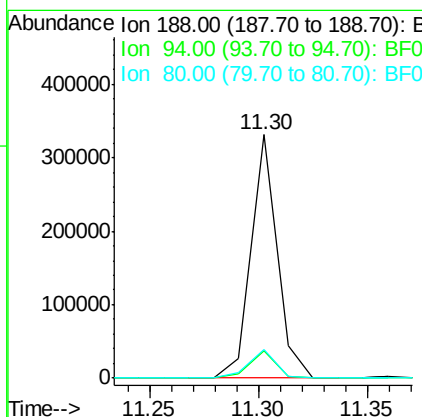
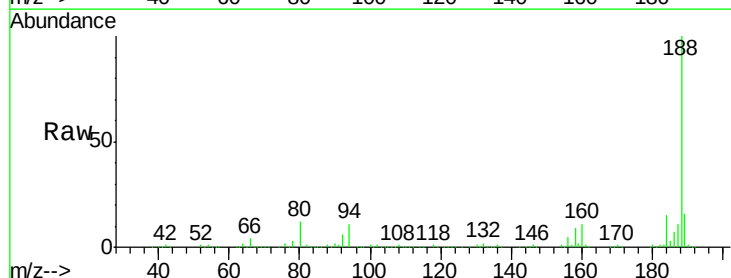
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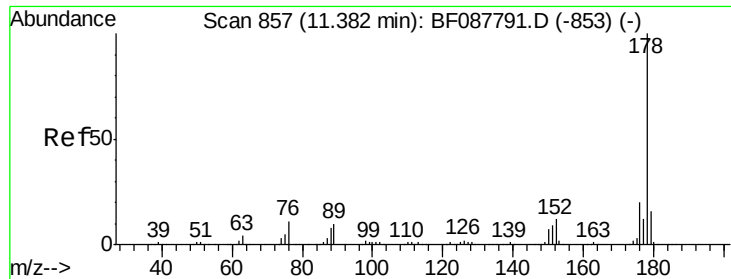
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.6
80	11.6	10.0	15.0





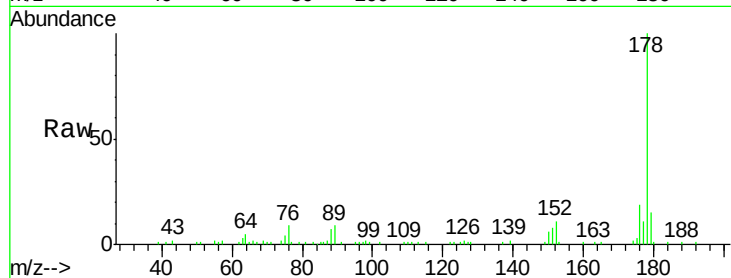
#70
Phenanthrene
Concen: 3.42 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
S7-B4(0-6)C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.3	13.0	19.4

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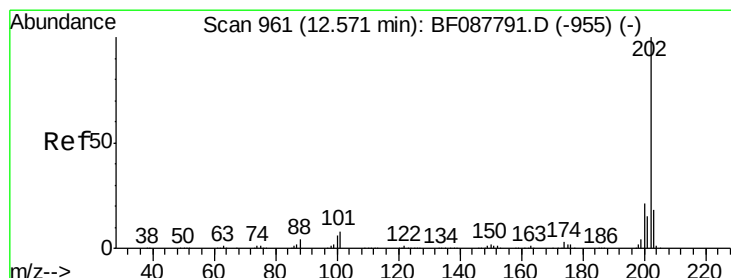
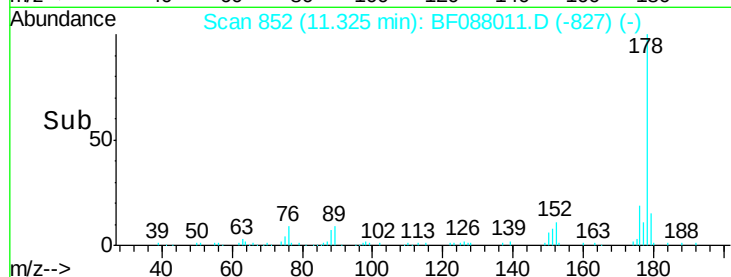
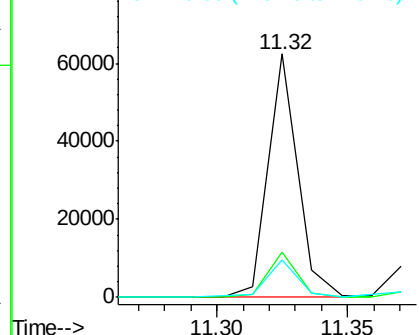


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 5.43 ng
RT: 12.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

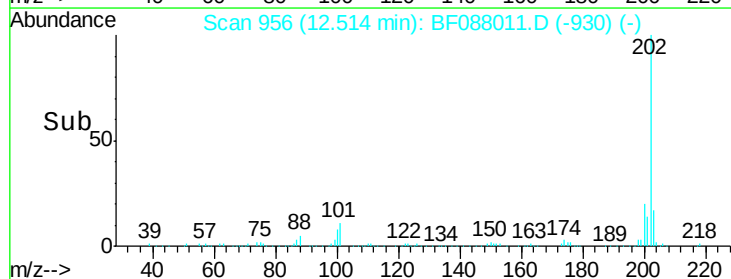
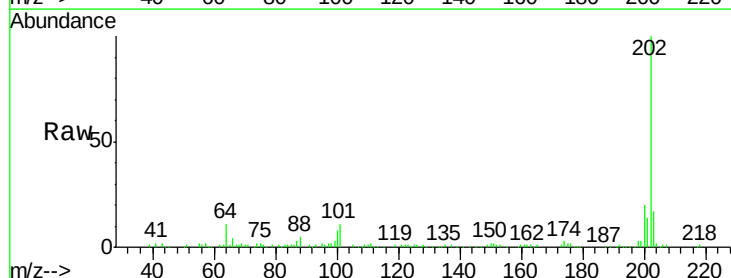
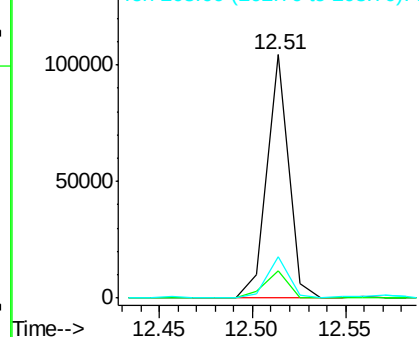
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.1
203	16.8	0.0	38.1

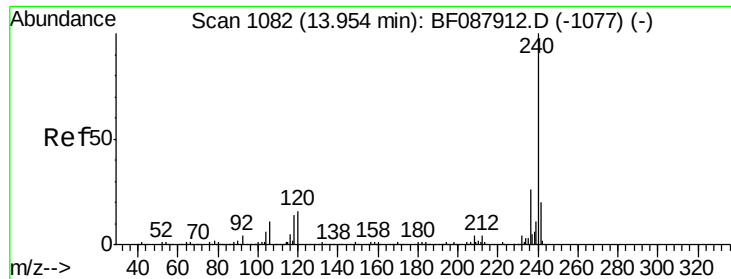
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088011.D

Acq: 14 Jun 2016 21:27

Instrument :

BNA_F

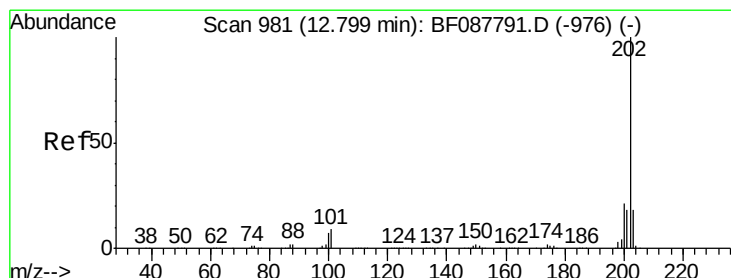
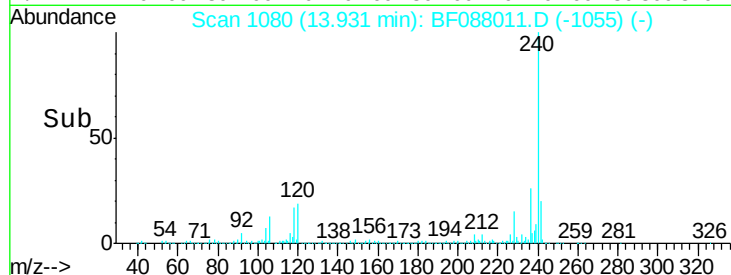
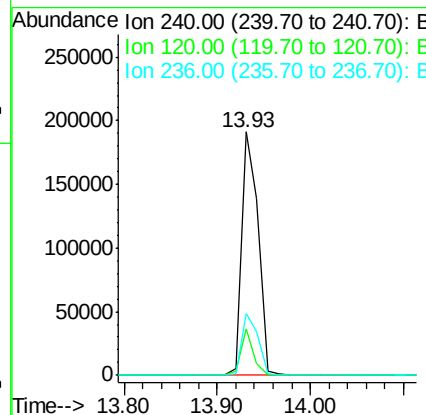
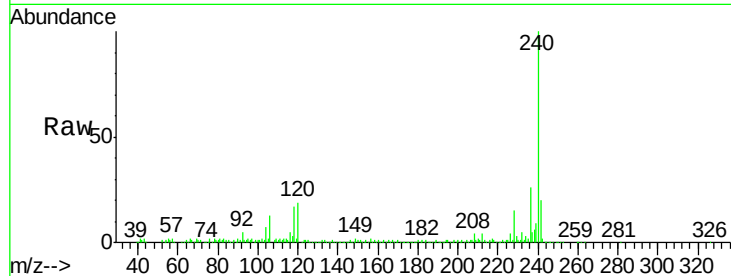
ClientSampleId :

S7-B4(0-6)C

Tot Ion:	240	Resp:	235840
Ion Ratio	Lower	Upper	
240	100		
120	19.1	6.8	10.2#
236	25.5	20.2	30.2

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#77

Pyrene

Concen: 4.05 ng

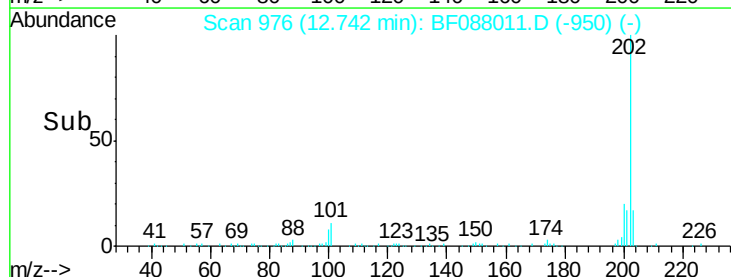
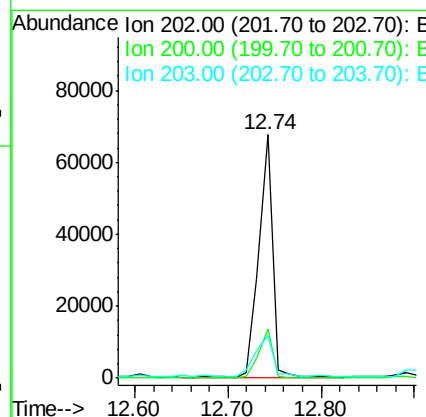
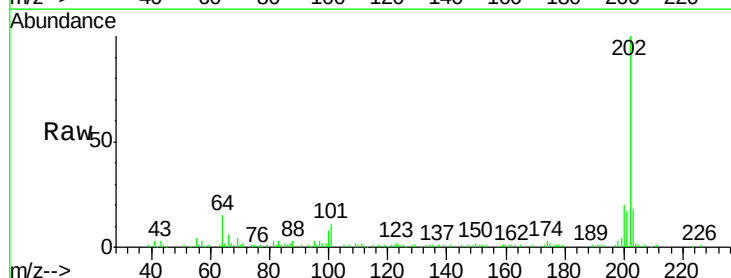
RT: 12.74 min Scan# 976

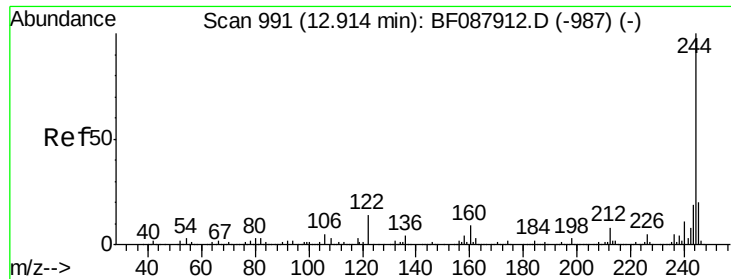
Delta R.T. 0.00 min

Lab File: BF088011.D

Acq: 14 Jun 2016 21:27

Tgt Ion:	202	Resp:	70857
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	17.6	14.5	21.7





#78

Terphenyl-d14

Concen: 27.26 ng

RT: 12.89 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF088011.D

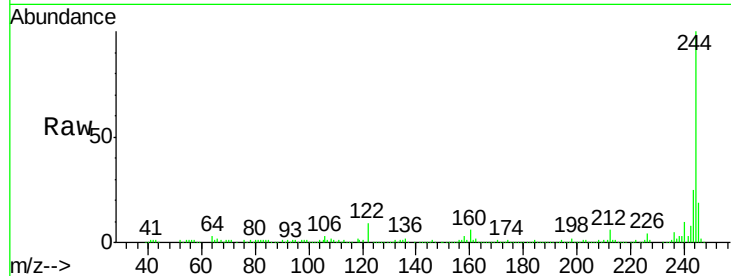
Acq: 14 Jun 2016 21:27

Instrument :

BNA_F

ClientSampleId :

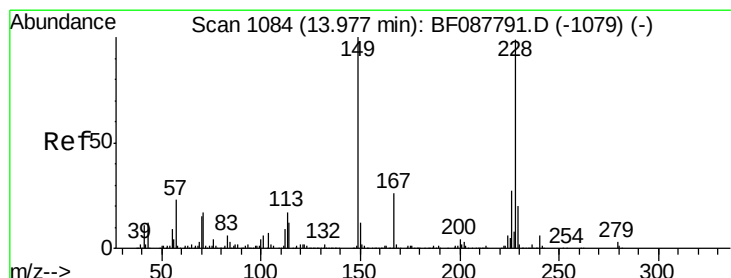
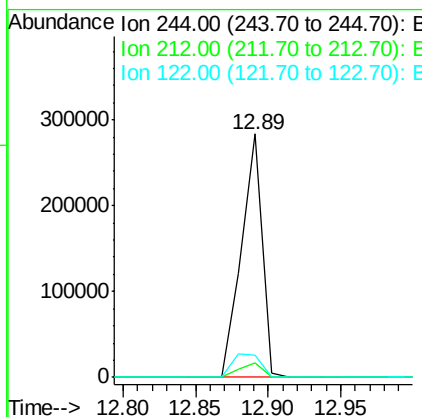
S7-B4(0-6)C



Tot Ion:	244	Resp:	282534
Ion Ratio	Lower	Upper	
244	100		
212	6.2	6.0	9.0
122	9.0	11.2	16.8#

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#80

Benzo(a)anthracene

Concen: 3.41 ng

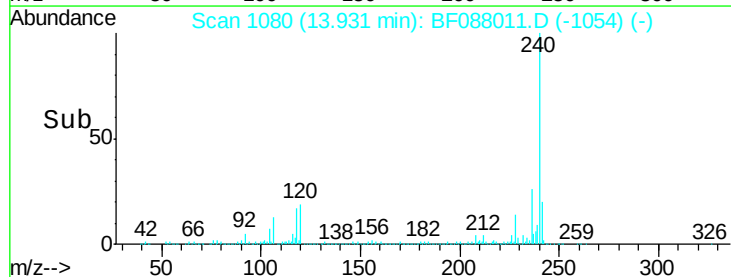
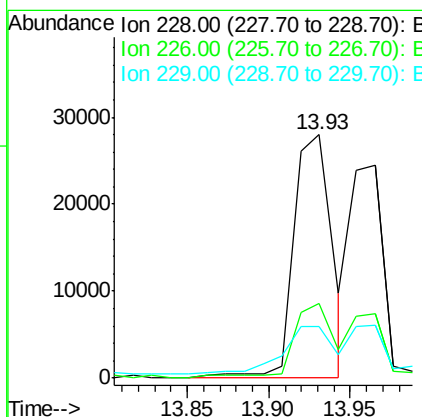
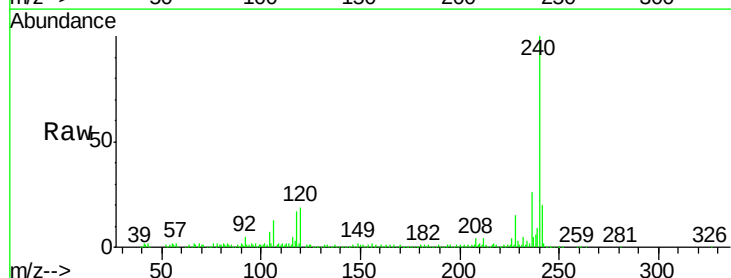
RT: 13.93 min Scan# 1080

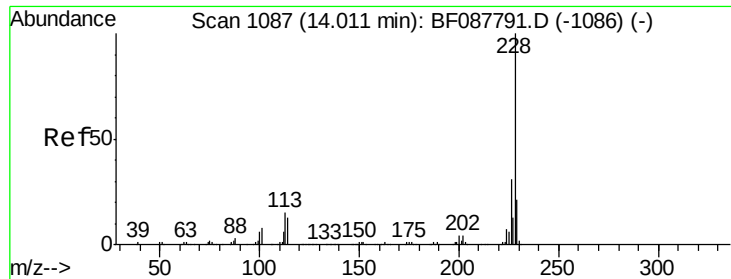
Delta R.T. 0.00 min

Lab File: BF088011.D

Acq: 14 Jun 2016 21:27

Tgt Ion:	228	Resp:	45820
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.3	33.5
229	21.2	16.0	24.0





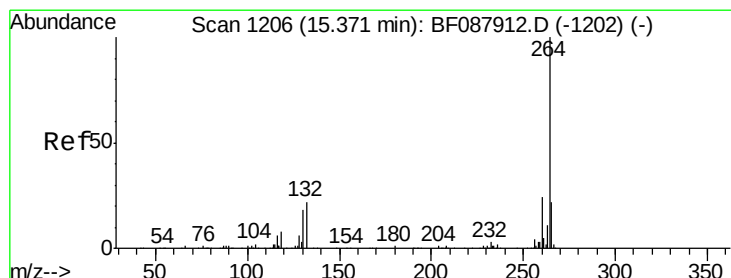
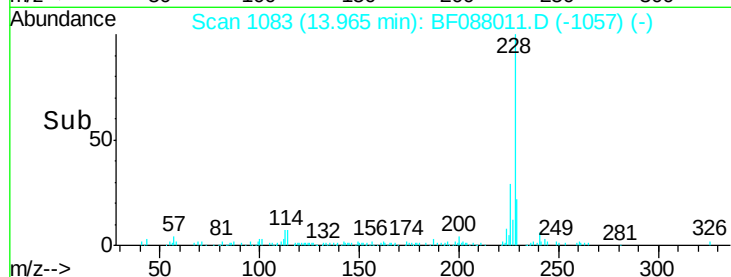
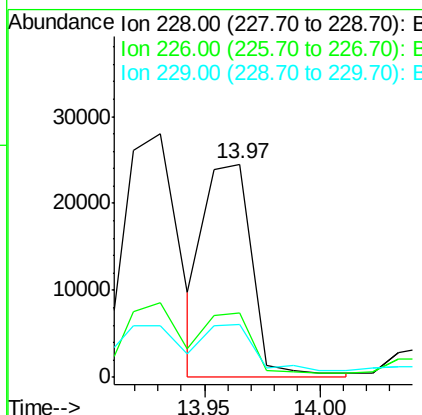
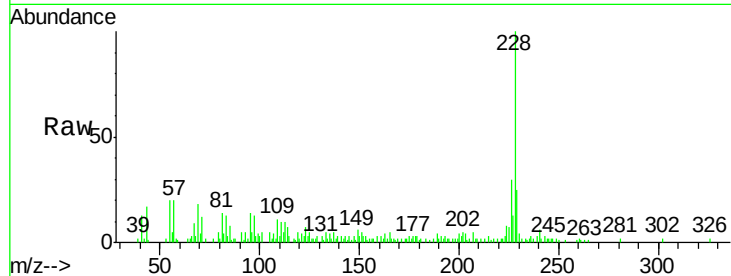
#82
Chrysene
Concen: 2.80 ng/ml
RT: 13.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
S7-B4(0-6)C

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	24.8	16.3	24.5

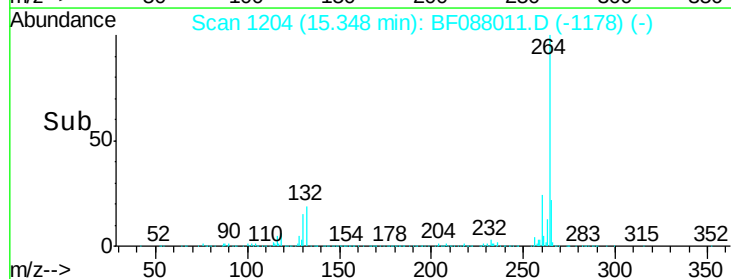
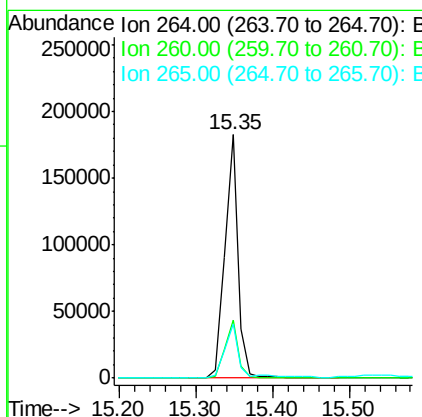
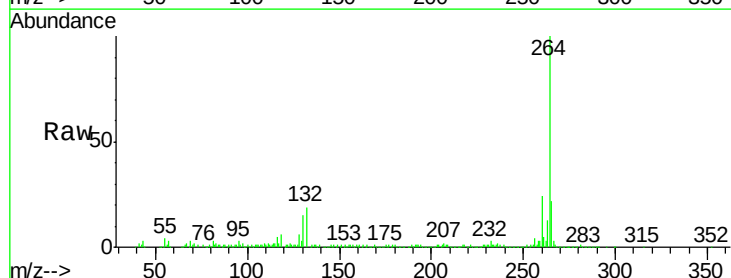
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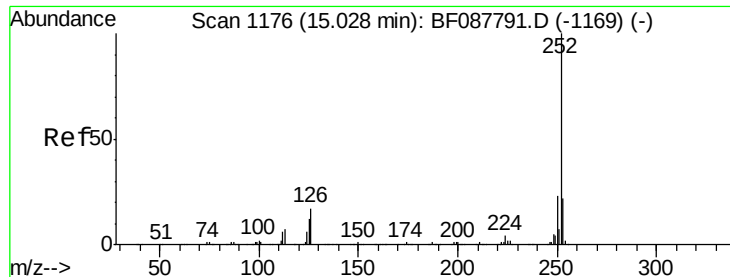
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088011.D
Acq: 14 Jun 2016 21:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 3.58 ng

RT: 14.95 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF088011.D

Acq: 14 Jun 2016 21:27

Instrument :

BNA_F

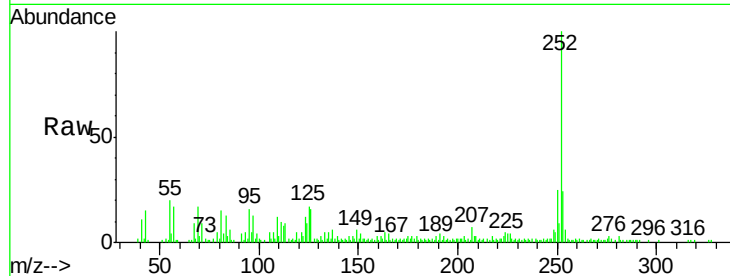
ClientSampleId :

S7-B4(0-6)C

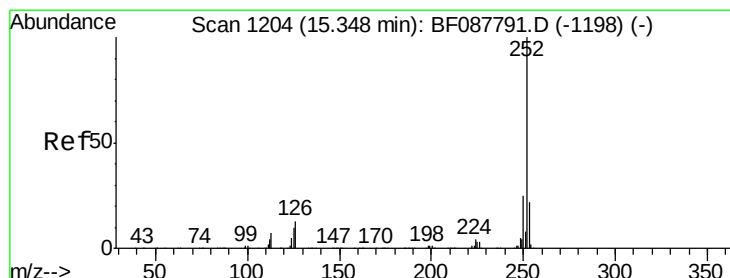
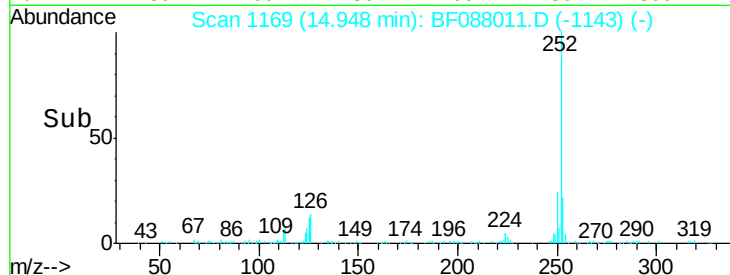
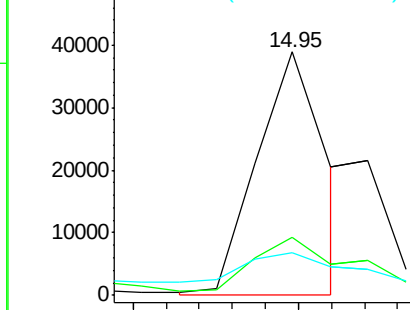
Tot Ion:	252	Resp:	55933
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.2
125	17.4	7.1	10.7#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.91 ng

RT: 15.28 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF088011.D

Acq: 14 Jun 2016 21:27

Tgt Ion:	252	Resp:	36698
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.9	26.9
125	22.2	12.5	18.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

