

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
 Data File : BF087878.D
 Acq On : 10 Jun 2016 16:56
 Operator : UM/SJ
 Sample : H3426-11 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-4

Manual Integrations
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 6/13/2016 7:13:19 PM

Quant Time: Jun 10 18:32:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132423m	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	532620	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	230458	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	314579	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	291693	20.00	ng	-0.03
86) Perylene-d12	15.36	264	244736	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	261645	33.78	ng	-0.03
7) Phenol-d6	6.44	99	360380	38.39	ng	-0.03
23) Nitrobenzene-d5	7.37	82	208228	22.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	64186	26.38	ng	-0.05
44) 2-Fluorobiphenyl	9.18	172	416759	24.46	ng	-0.03
78) Terphenyl-d14	12.90	244	214009	16.70	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	40157	2.41	ng	100
70) Phenanthrene	11.35	178	81082	4.91	ng	97
74) Fluoranthene	12.52	202	94443	5.42	ng	95
77) Pyrene	12.75	202	93095	4.30	ng	99
80) Benzo(a)anthracene	13.94	228	53574	3.22	ng	97
82) Chrysene	13.98	228	50877m	3.25	ng	
87) Benzo(b)fluoranthene	14.96	252	68762m	4.03	ng	
89) Benzo(a)pyrene	15.30	252	44211	3.20	ng	95

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

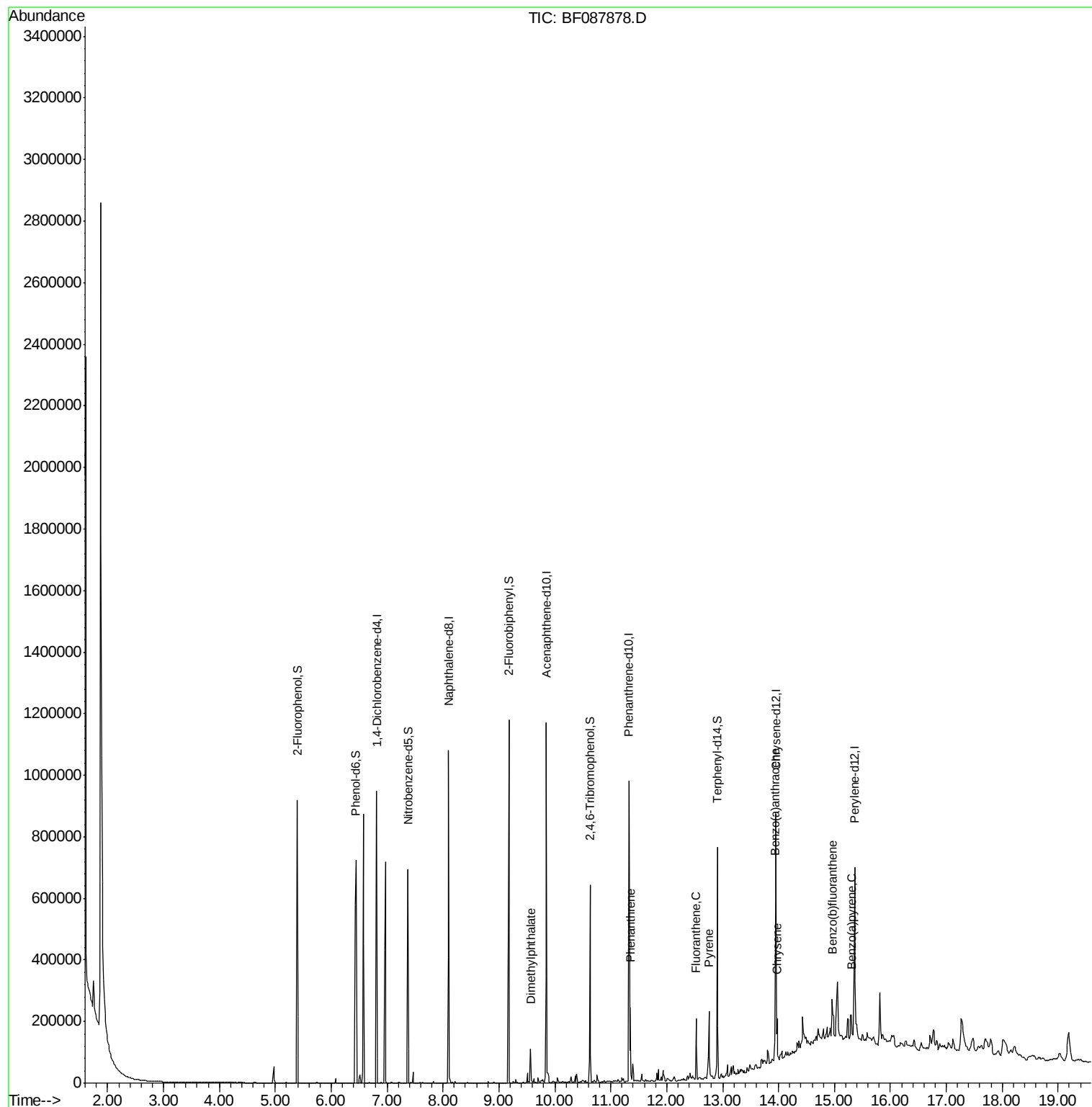
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087878.D
Acq On : 10 Jun 2016 16:56
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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DUP-4

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#1

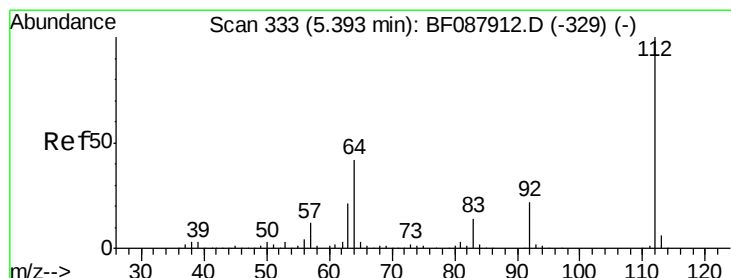
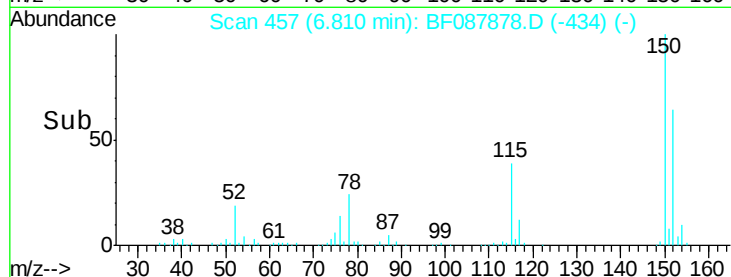
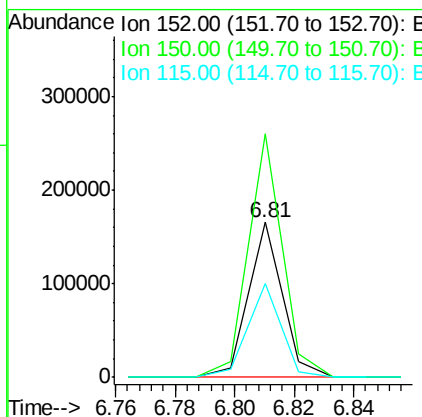
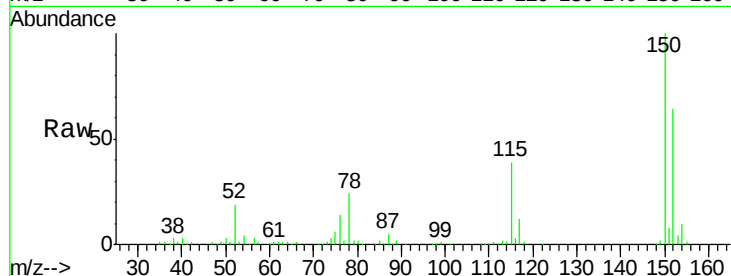
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

Instrument :
BNA_F
ClientSampleId :
DUP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.6
115	60.6	39.6	59.4

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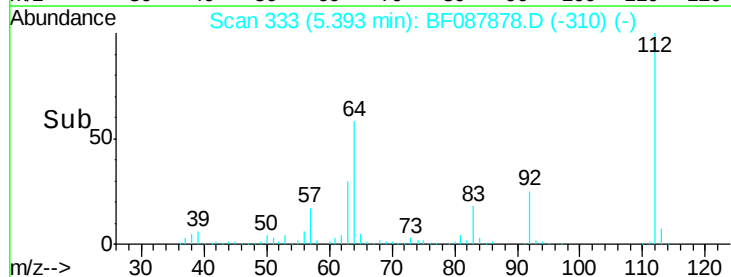
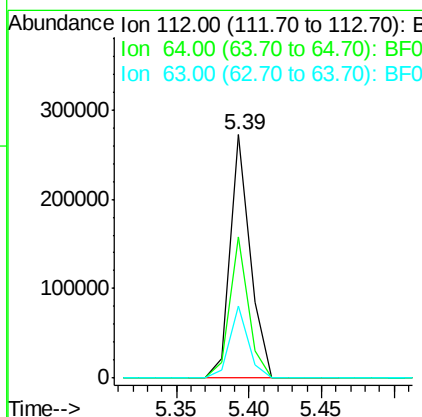
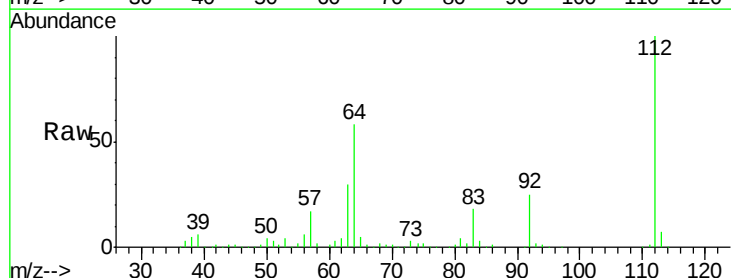
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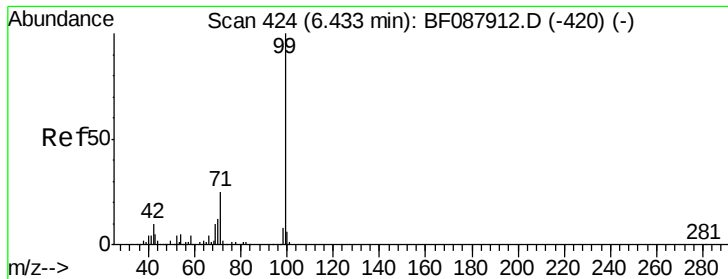


#5

2-Fluorophenol
Concen: 33.78 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	29.7	21.8	32.8





#7

Phenol-d6

Concen: 38.39 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Instrument :

BNA_F

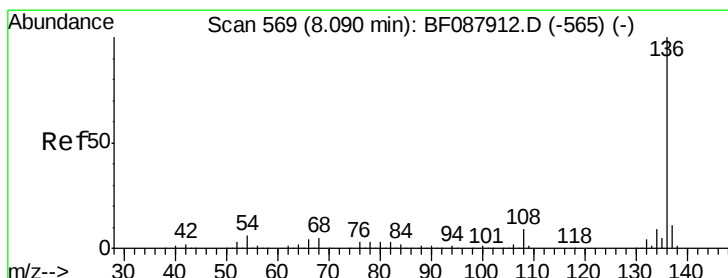
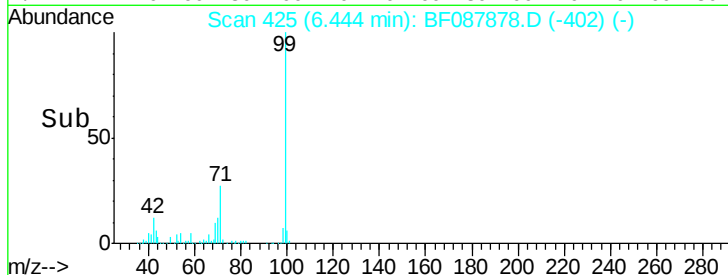
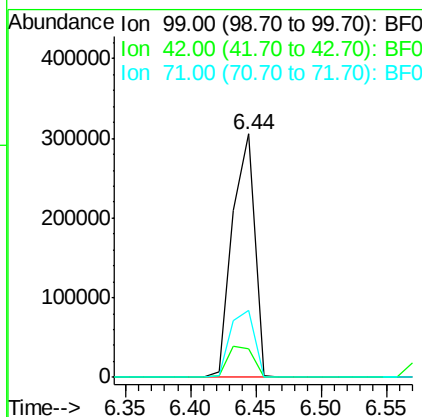
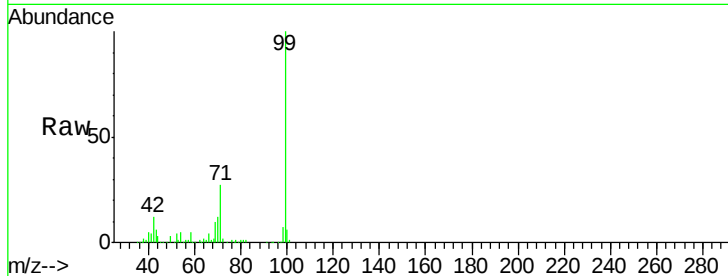
ClientSampleId :

DUP-4

Tot Ion:	99	Resp:	360380
Ion Ratio	Lower	Upper	
99	100		
42	11.7	12.2	18.2#
71	27.4	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

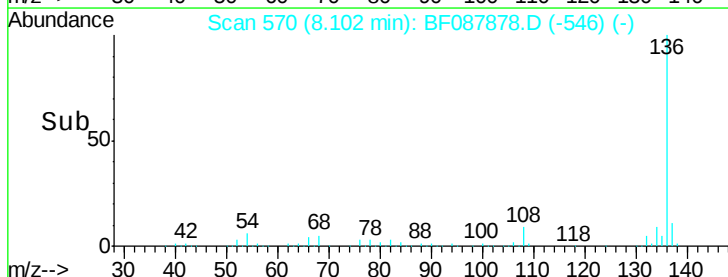
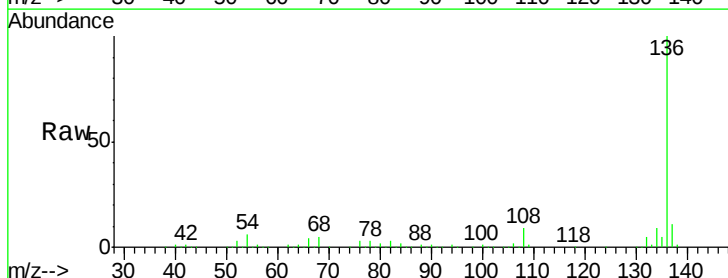
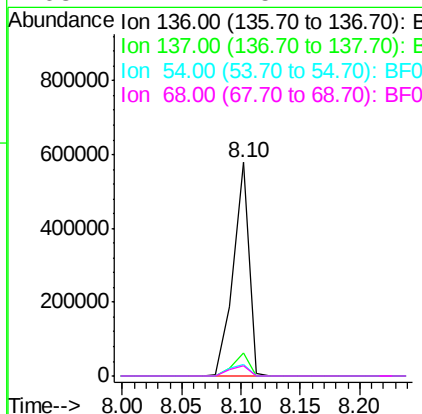
RT: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Tgt Ion:	136	Resp:	532620
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 22.83 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Instrument :

BNA_F

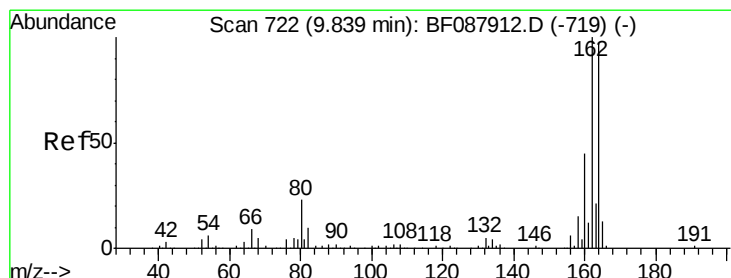
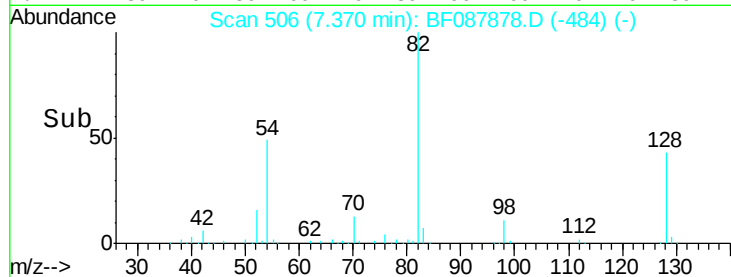
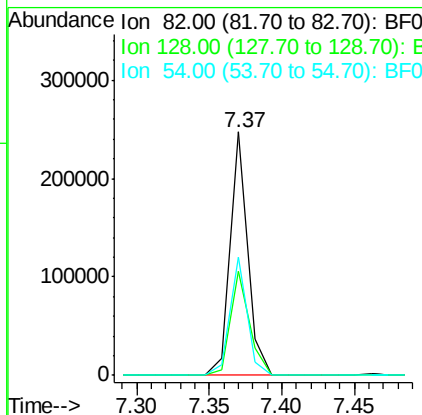
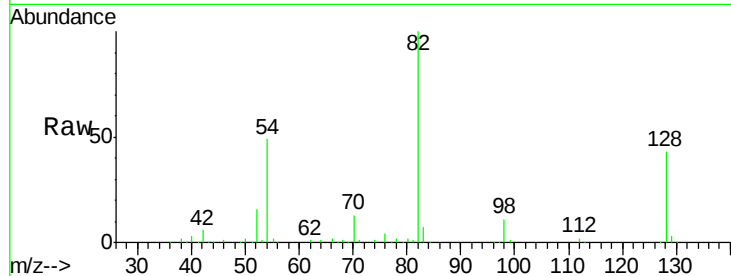
ClientSampleId :

DUP-4

Tot Ion	82	Resp	208228
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.9	53.9
54	48.7	40.9	61.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

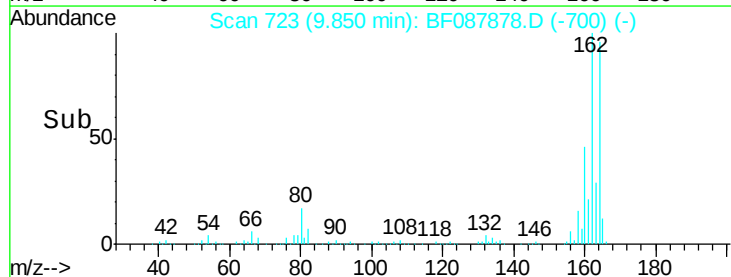
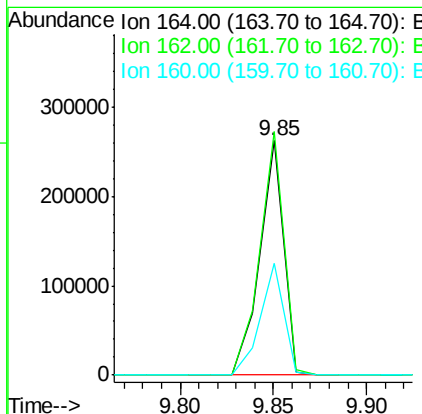
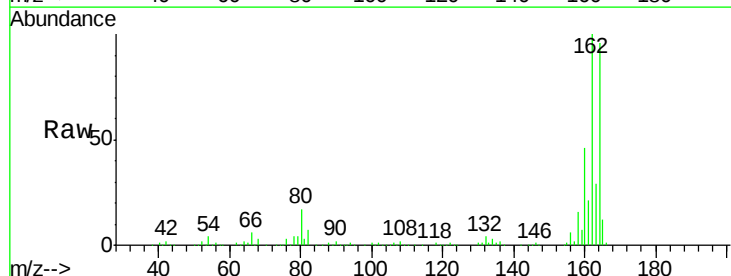
RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Tgt Ion	164	Resp	230458
Ion Ratio	Lower	Upper	
164	100		
162	104.0	85.4	128.2
160	47.6	39.5	59.3





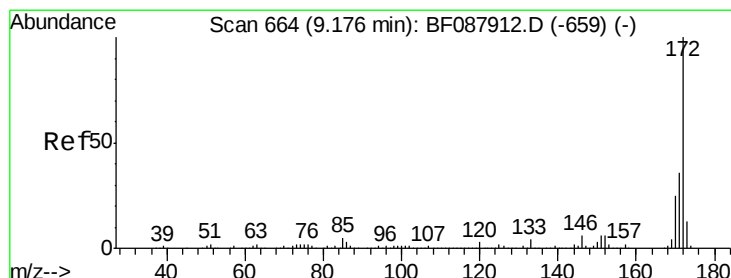
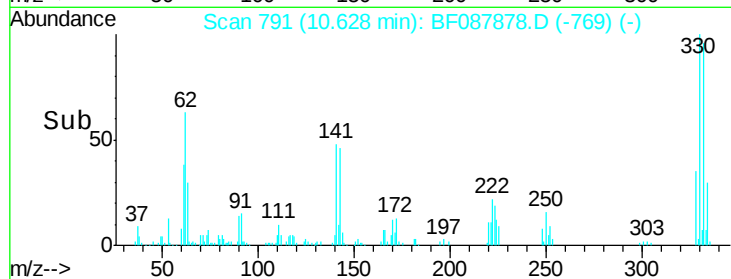
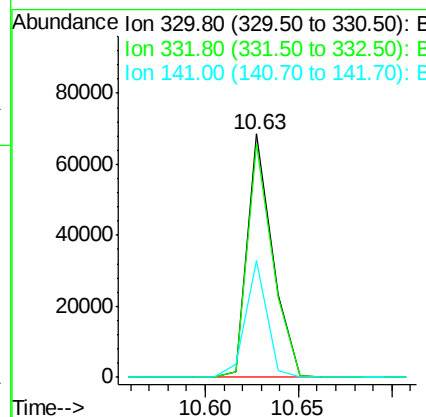
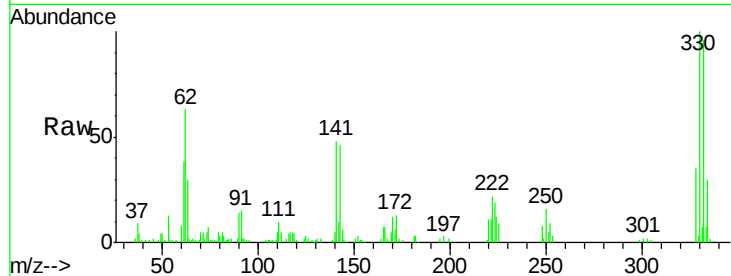
#41
 2,4,6-Tribromophenol
 Concen: 26.38 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF087878.D
 Acq: 10 Jun 2016 16:56

Instrument :
 BNA_F
 ClientSampled :
 DUP-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	64186		
332	96.3	0.0	0.0	0.0
141	41.1	0.0	0.0	0.0

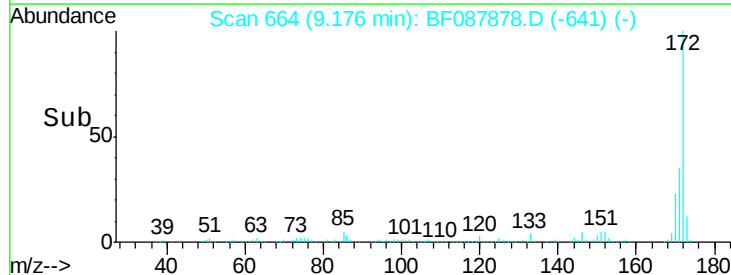
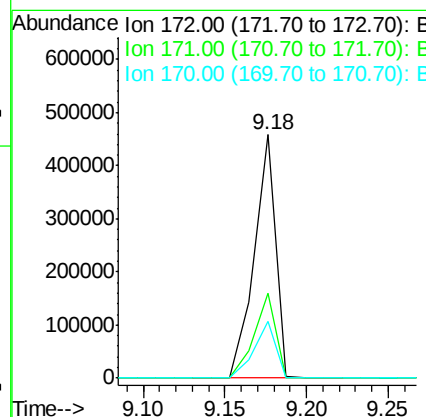
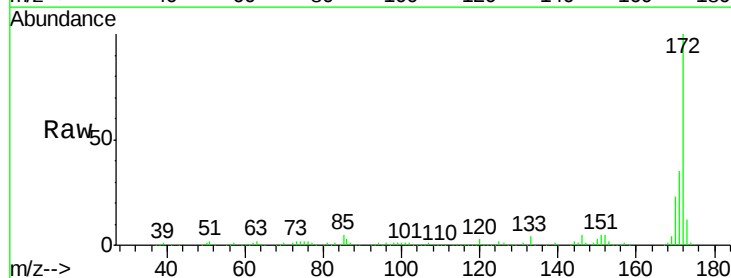
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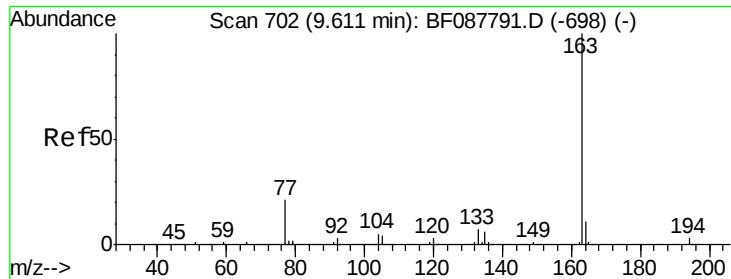
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#44
 2-Fluorobiphenyl
 Concen: 24.46 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087878.D
 Acq: 10 Jun 2016 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	416759		
171	34.8	28.6	43.0	
170	23.1	19.2	28.8	





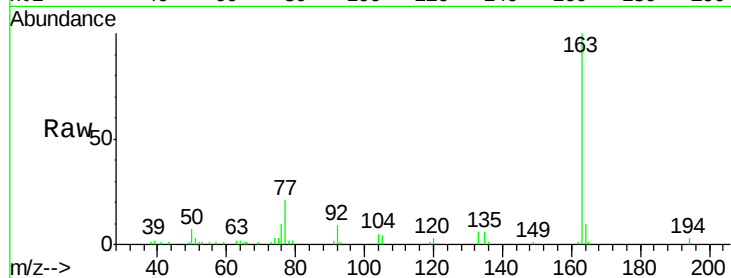
#49
Dimethylphthalate
Concen: 2.41 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

Instrument :
BNA_F
ClientSampleId :
DUP-4

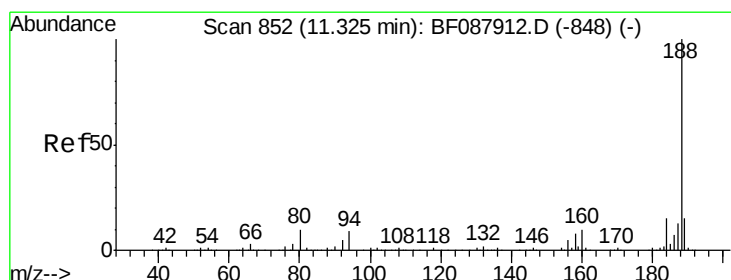
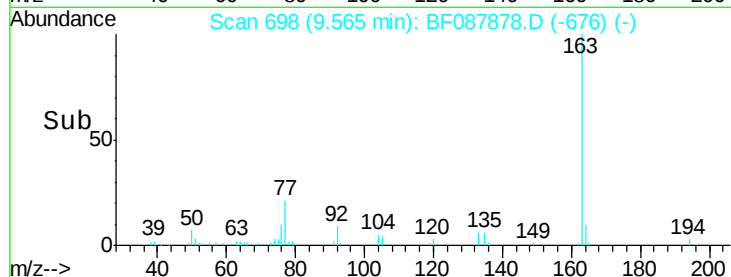
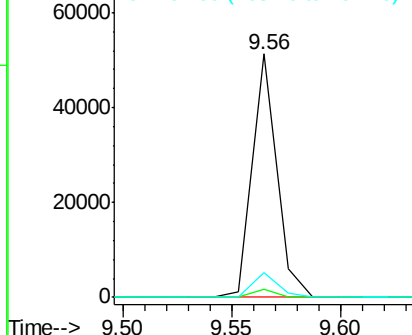
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.3	8.3	12.5

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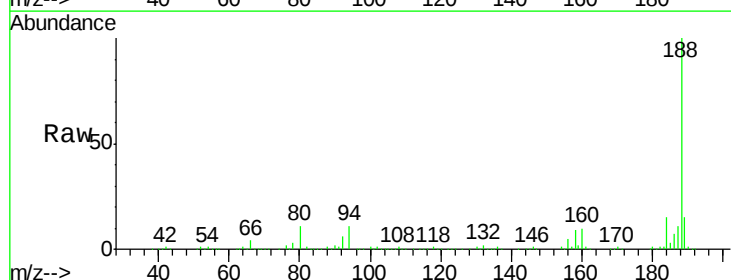


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

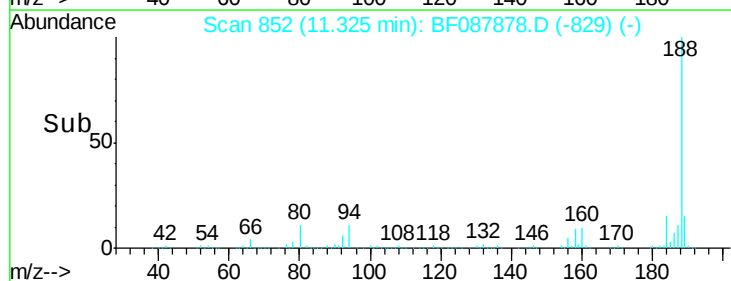
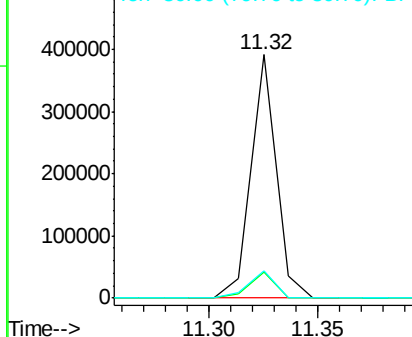


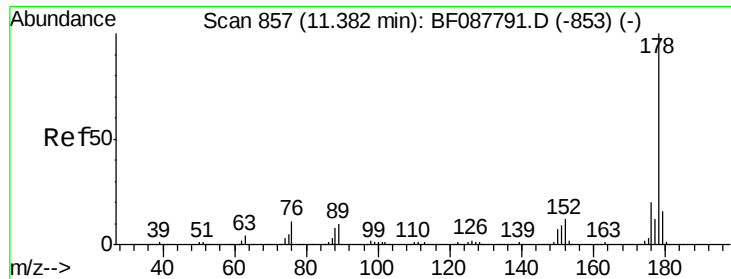
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.6
80	11.1	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





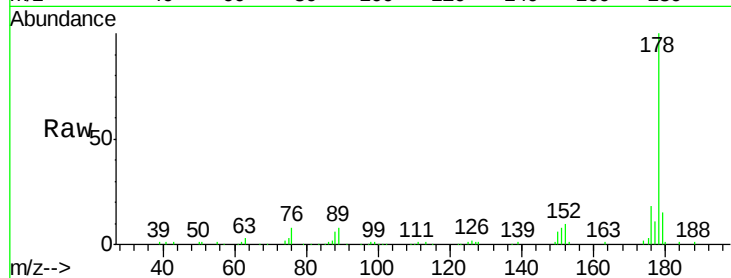
#70
Phenanthrene
Concen: 4.91 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

Instrument :
BNA_F
ClientSampled :
DUP-4

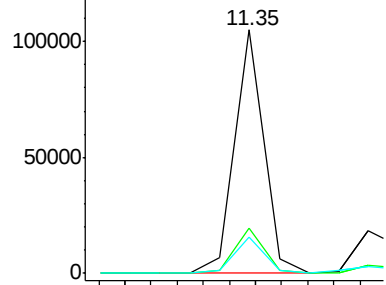
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	15.1	13.0	19.4

Manual Integrations
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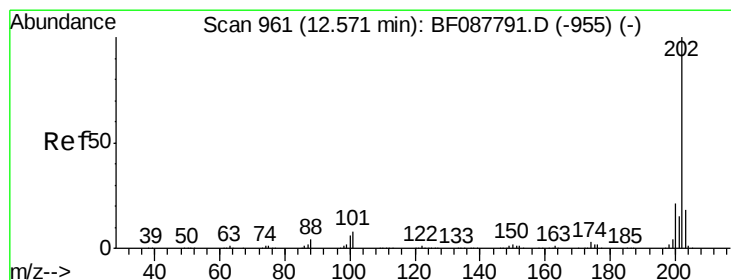
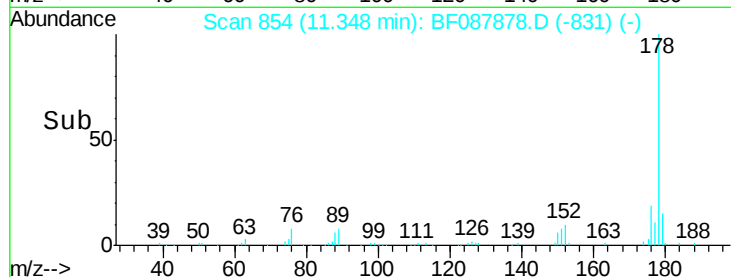
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

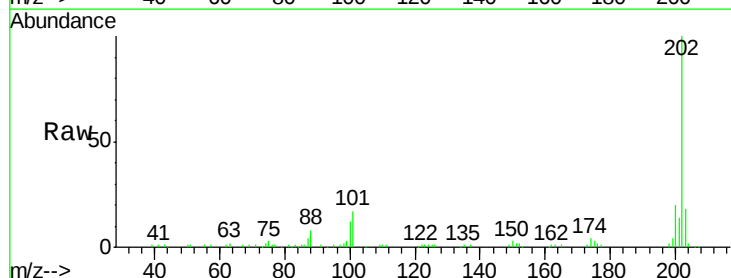


Time-->

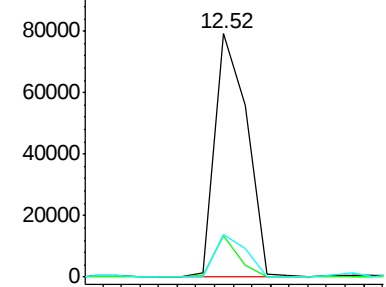


#74
Fluoranthene
Concen: 5.42 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.05 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

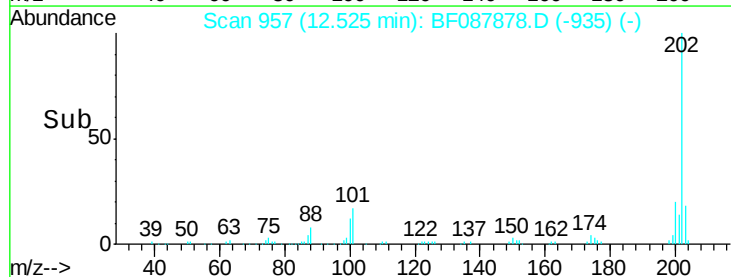
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	33.1
203	17.5	0.0	38.1

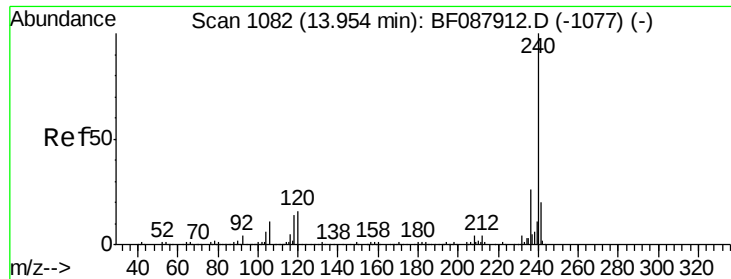


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Instrument :

BNA_F

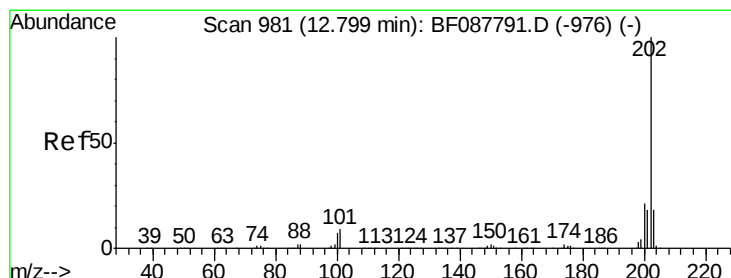
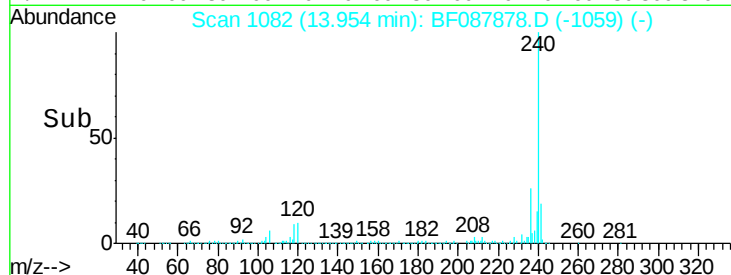
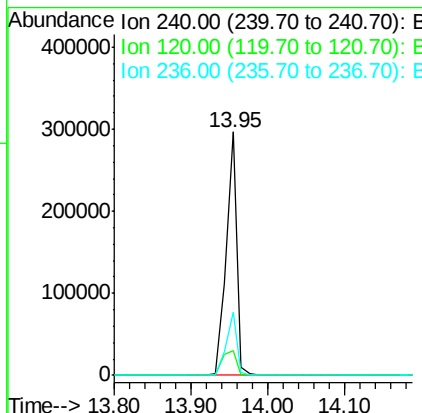
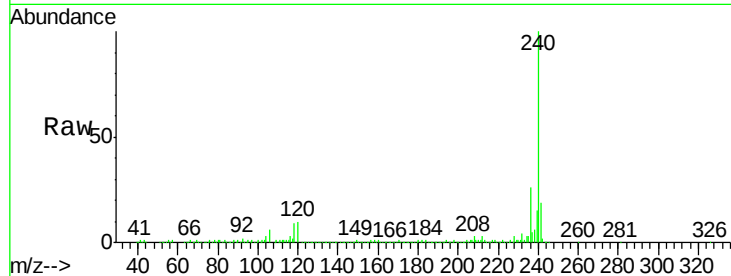
ClientSampleId :

DUP-4

Tot Ion:	240	Resp:	291693
Ion Ratio	Lower	Upper	
240	100		
120	10.0	6.8	10.2
236	25.7	20.2	30.2

Manual Integrations
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#77

Pyrene

Concen: 4.30 ng

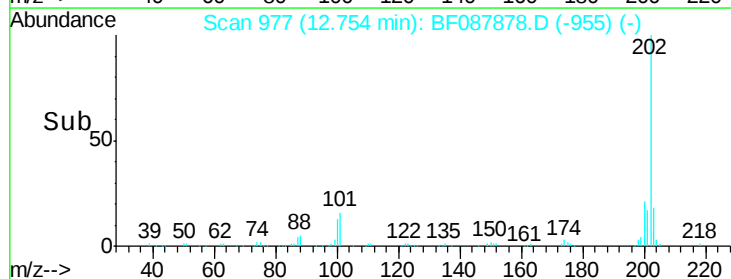
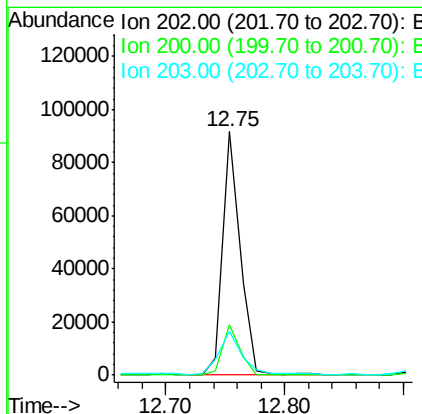
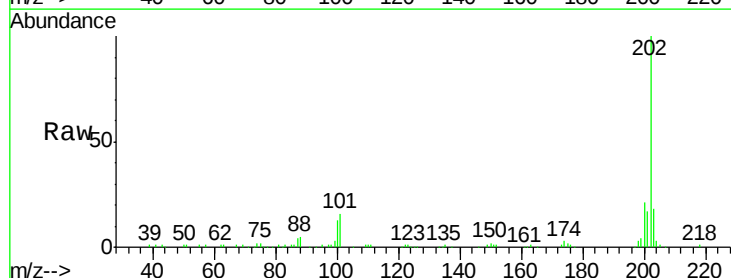
RT: 12.75 min Scan# 977

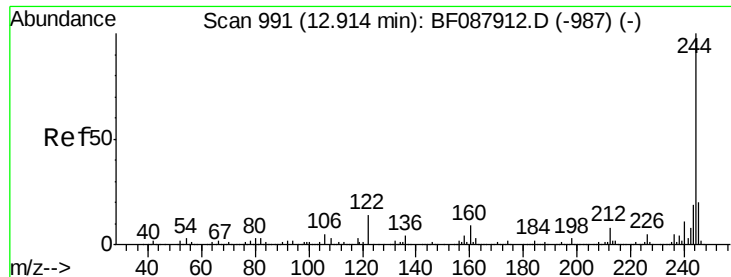
Delta R.T. -0.05 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Tgt Ion:	202	Resp:	93095
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.1	14.5	21.7





#78

Terphenyl-d14

Concen: 16.70 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.05 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Instrument :

BNA_F

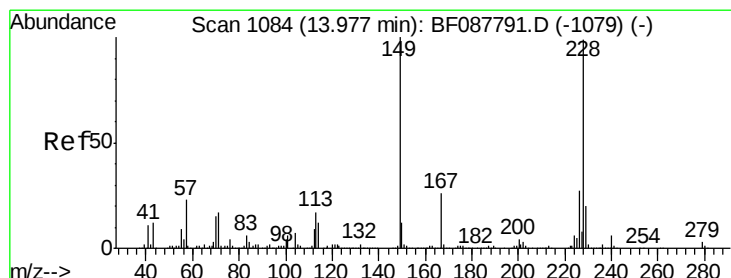
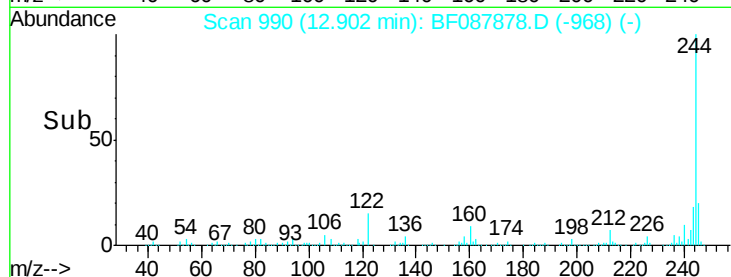
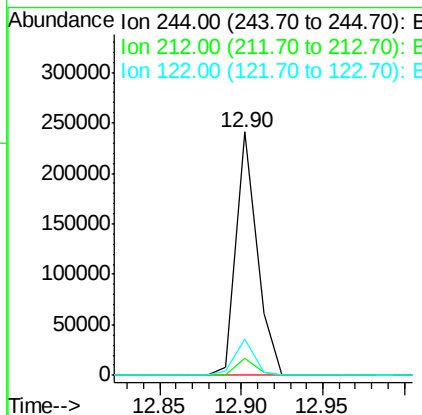
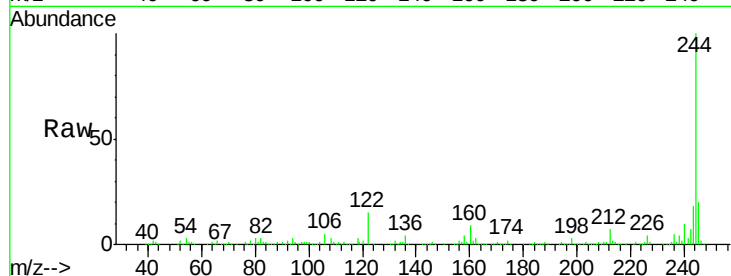
ClientSampleId :

DUP-4

Tot Ion:	244	Resp:	214009
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	15.1	11.2	16.8

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#80

Benzo(a)anthracene

Concen: 3.22 ng

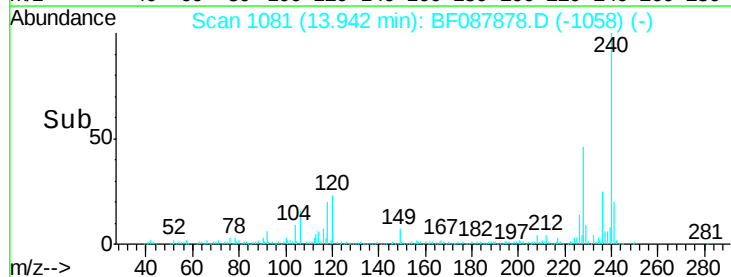
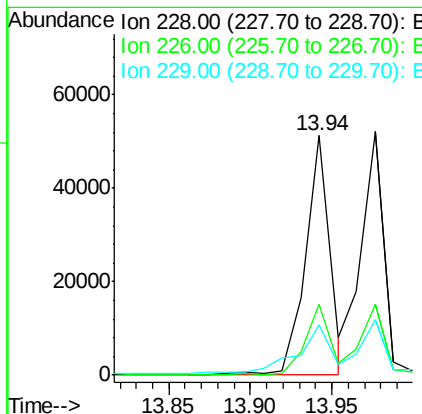
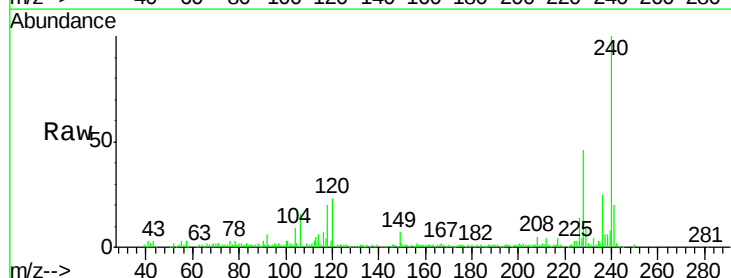
RT: 13.94 min Scan# 1081

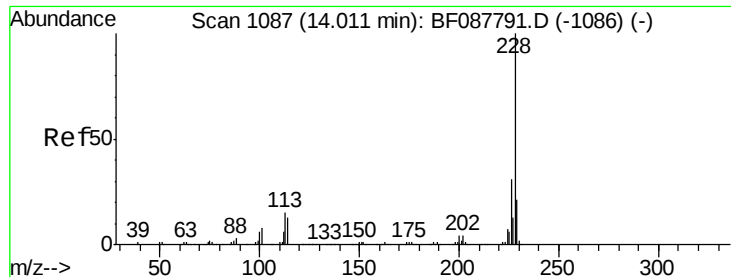
Delta R.T. -0.03 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Tgt Ion:	228	Resp:	53574
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.3	33.5
229	21.2	16.0	24.0





#82

Chrysene

Concen: 3.25 ng/mL

RT: 13.98 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Instrument :

BNA_F

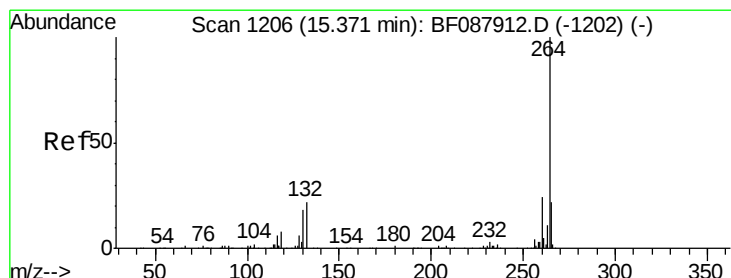
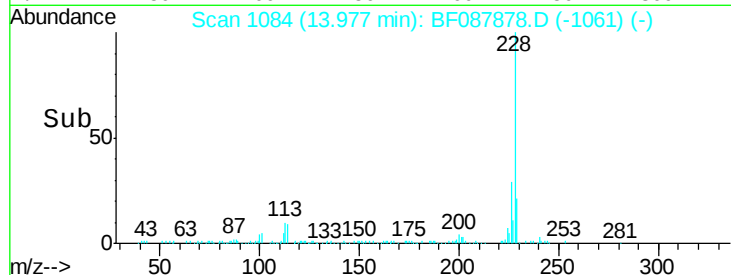
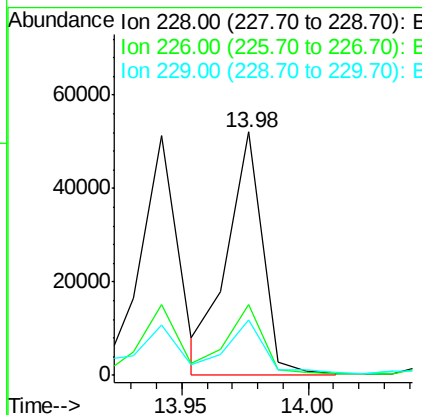
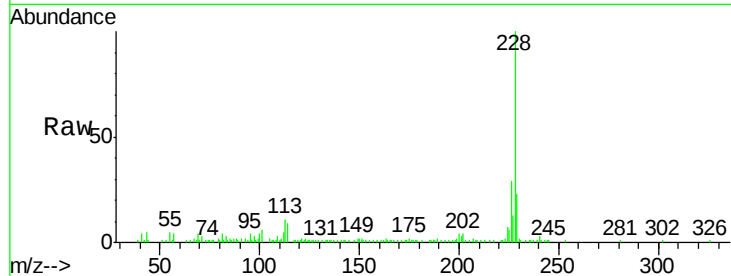
ClientSampleId :

DUP-4

Tot Ion:	228	Resp:	50877
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.4	38.2
229	22.6	16.3	24.5

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

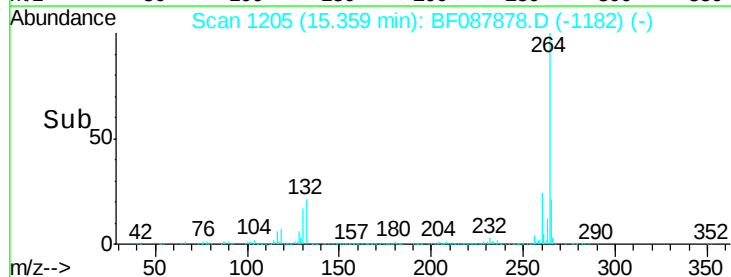
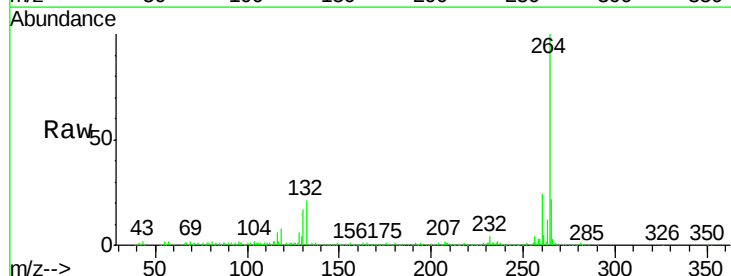
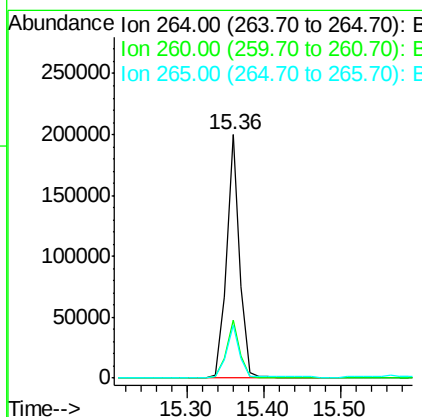
RT: 15.36 min Scan# 1205

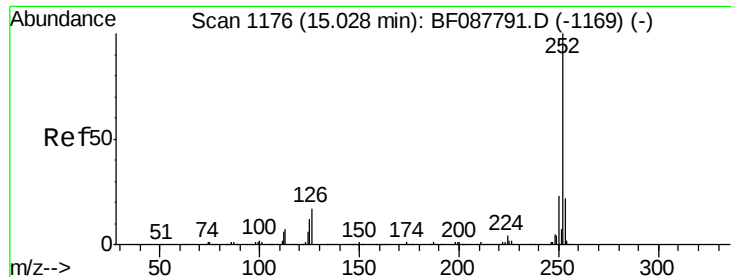
Delta R.T. -0.03 min

Lab File: BF087878.D

Acq: 10 Jun 2016 16:56

Tgt Ion:	264	Resp:	244736
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.7	16.9	25.3





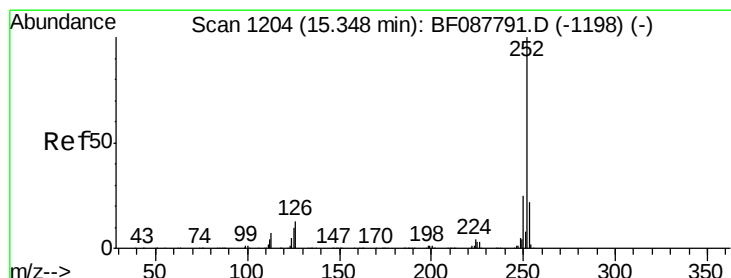
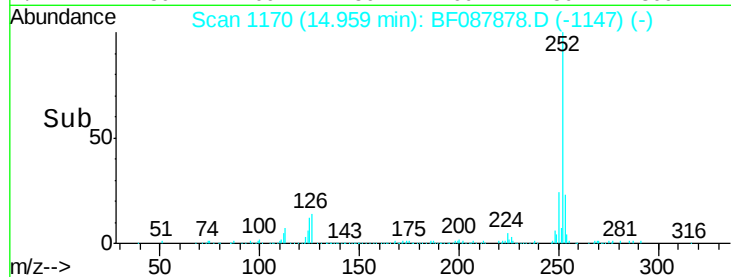
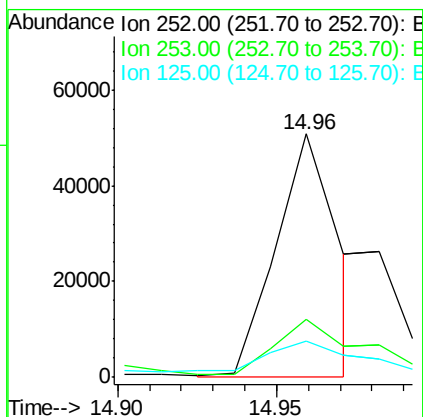
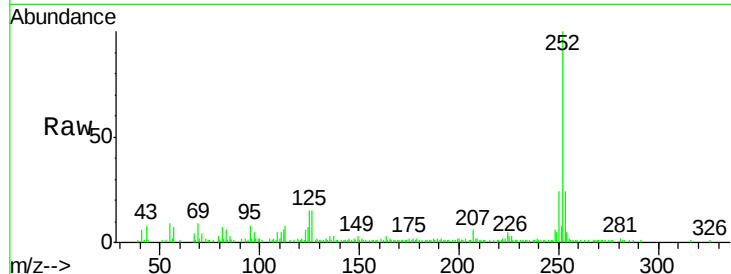
#87
Benzo(b)fluoranthene
Concen: 4.03 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

Instrument :
BNA_F
ClientSampleId :
DUP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	14.9	7.1	10.7

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 3.20 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087878.D
Acq: 10 Jun 2016 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	12.5	12.5	18.7

