

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088006.D
 Acq On : 14 Jun 2016 19:01
 Operator : UM/SJ
 Sample : H3437-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U6-B1(6-12)C

Manual Integrations
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Quant Time: Jun 15 04:13:03 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	107659	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	458392	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	209493	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	380783	20.00	ng	0.00
75) Chrysene-d12	13.93	240	292319	20.00	ng	-0.01
86) Perylene-d12	15.35	264	244561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	791716	125.72	ng	0.01
7) Phenol-d6	6.42	99	940921	123.28	ng	0.00
23) Nitrobenzene-d5	7.35	82	585796	74.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	237062	107.17	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	992974	73.73	ng	0.00
78) Terphenyl-d14	12.89	244	684668	53.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	588596	38.79	ng	98
70) Phenanthrene	11.32	178	94733	4.74	ng	98
74) Fluoranthene	12.51	202	107301	5.09	ng	96
77) Pyrene	12.74	202	89997	4.15	ng	99
80) Benzo(a)anthracene	13.92	228	45904	2.76	ng	97
82) Chrysene	13.95	228	35724m	2.28	ng	
87) Benzo(b)fluoranthene	14.95	252	44178m	2.59	ng	
89) Benzo(a)pyrene	15.28	252	27787	2.01	ng	# 94

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

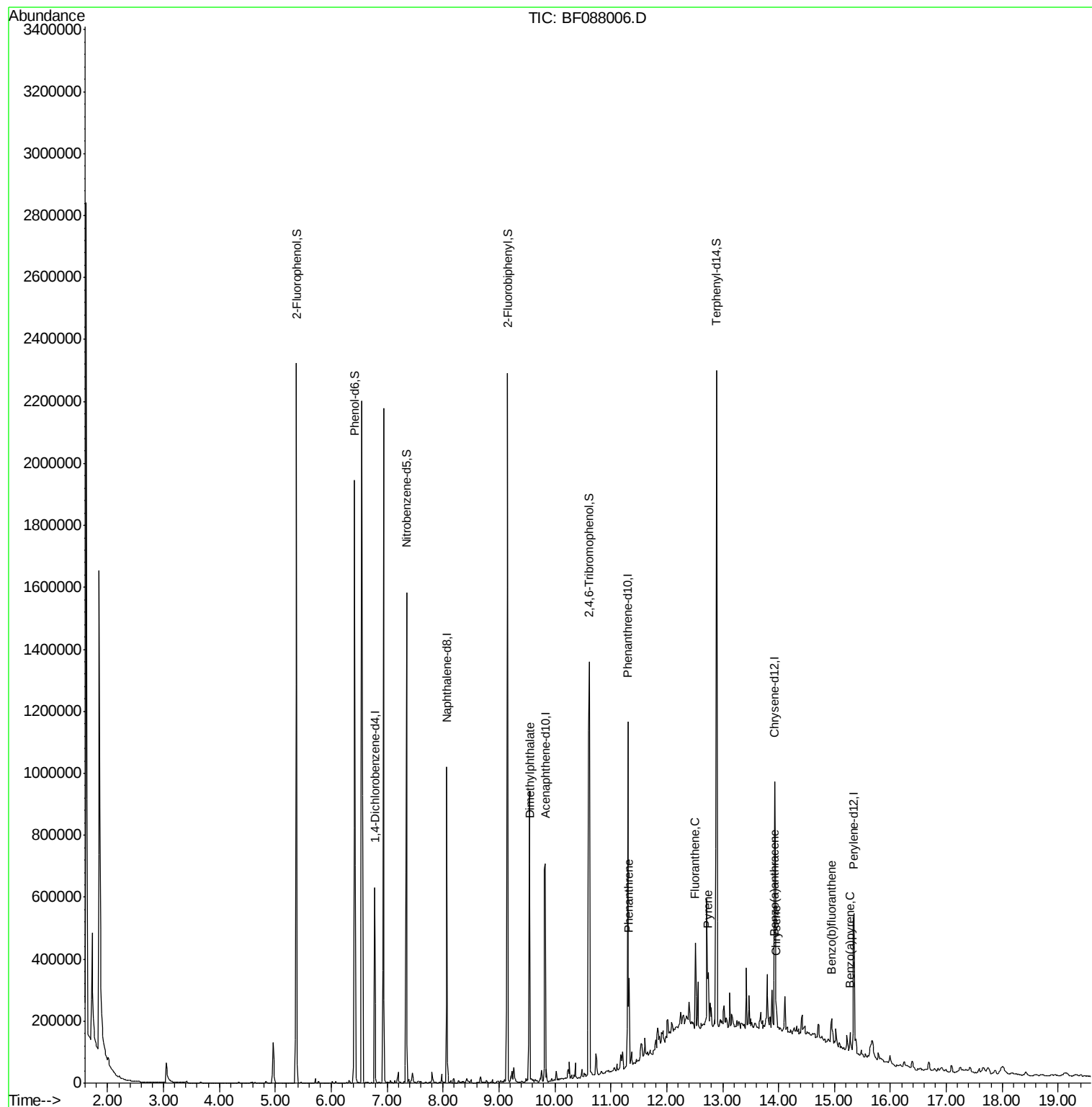
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088006.D
Acq On : 14 Jun 2016 19:01
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#1

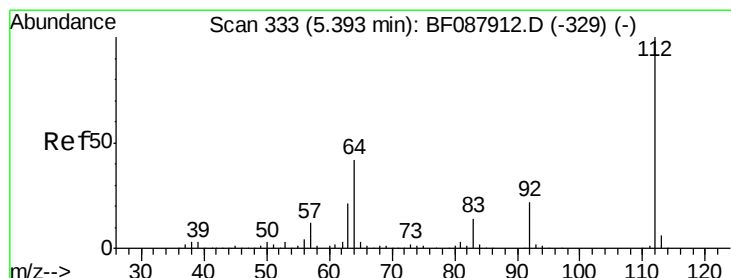
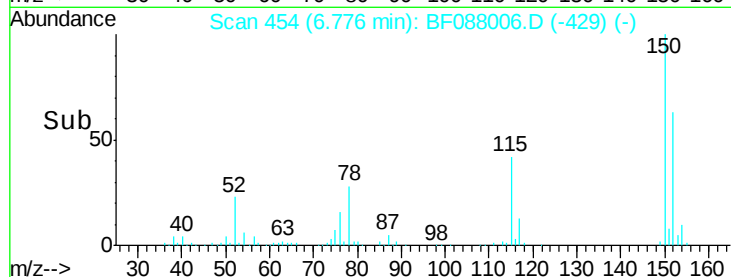
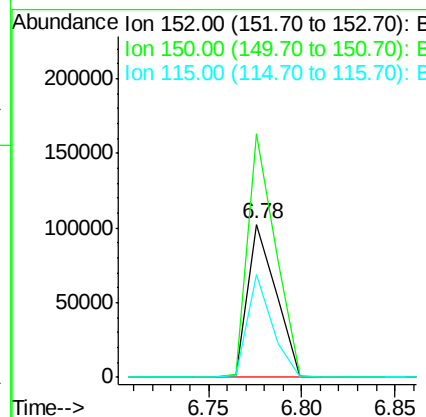
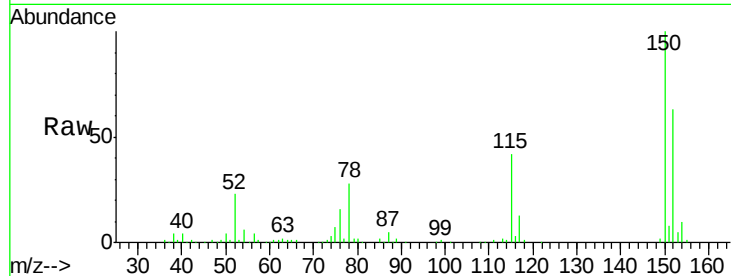
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Instrument :
BNA_F
ClientSampleId :
U6-B1(6-12)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.8	185.6
115	66.9	39.6	59.4

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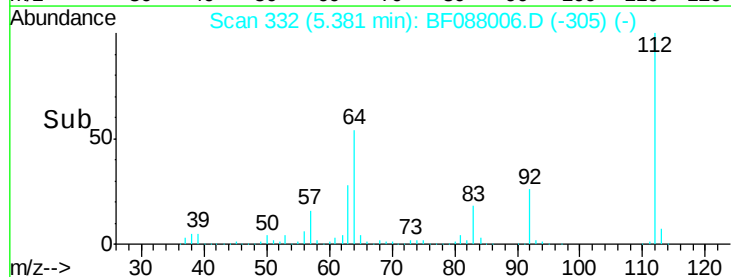
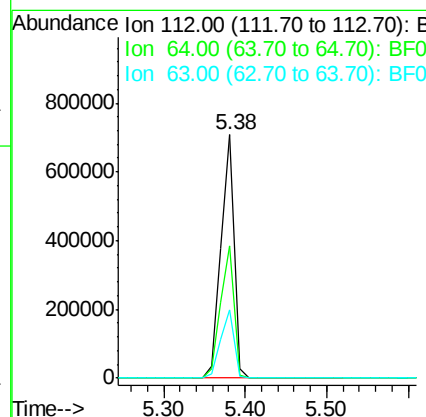
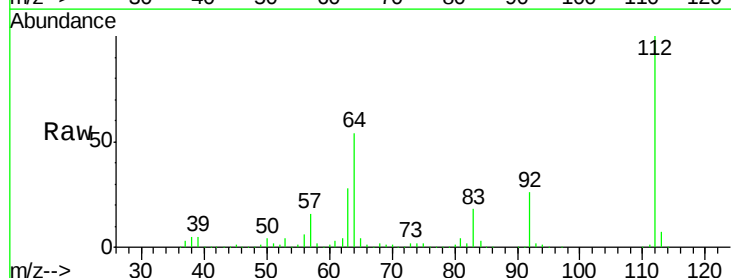
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#5

2-Fluorophenol
Concen: 125.72 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.2	63.2
63	28.2	21.8	32.8





#7

Phenol-d6

Concen: 123.28 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF088006.D

Acq: 14 Jun 2016 19:01

Instrument :

BNA_F

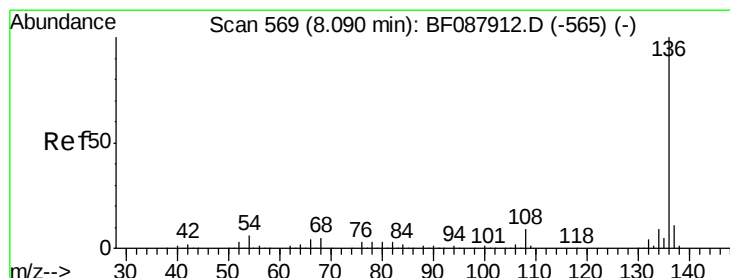
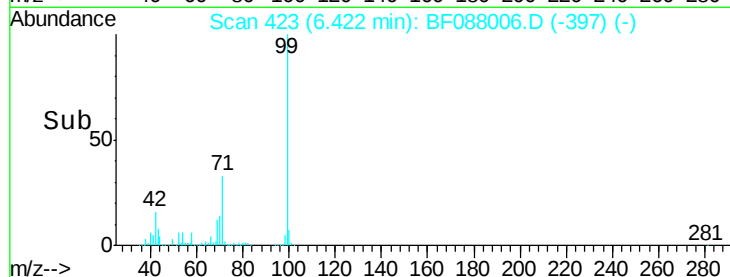
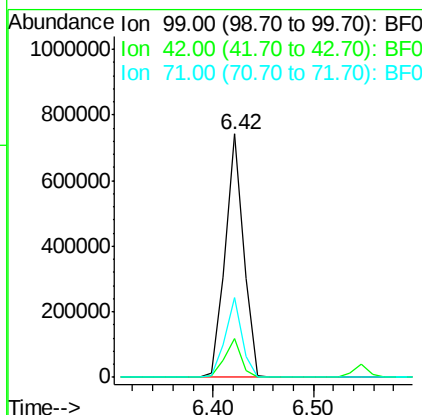
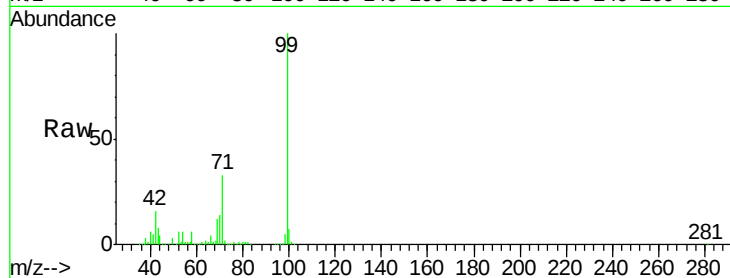
ClientSampleId :

U6-B1(6-12)C

Tot Ion:	99	Resp:	940921
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.2	18.2
71	32.7	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

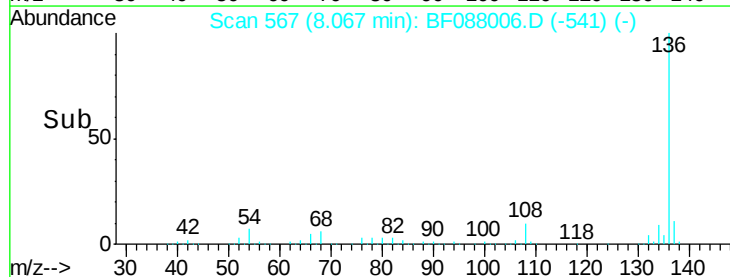
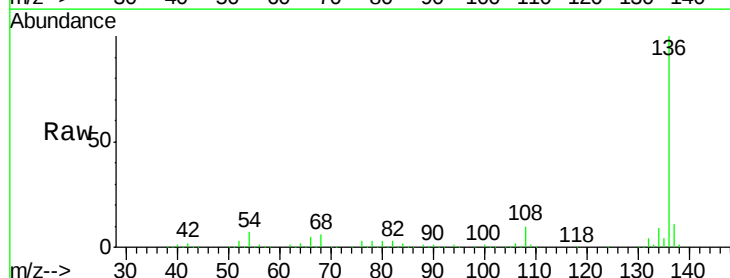
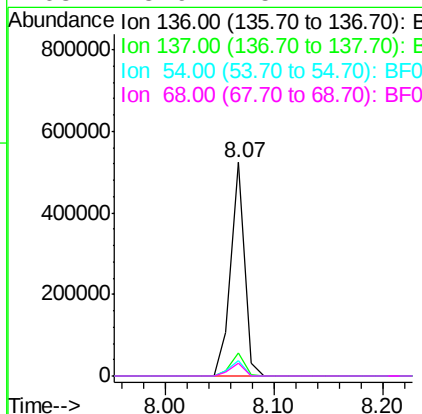
RT: 8.07 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF088006.D

Acq: 14 Jun 2016 19:01

Tgt Ion:	136	Resp:	458392
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.9	6.6	10.0
68	5.9	5.1	7.7





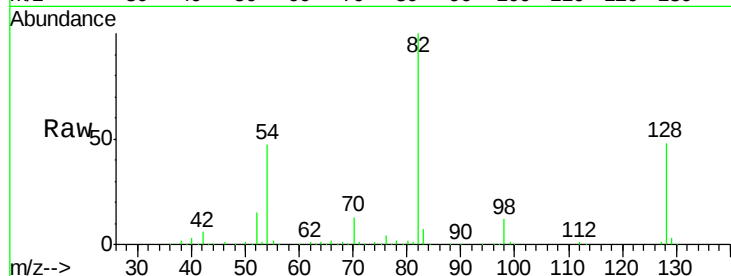
#23
Nitrobenzene-d5
Concen: 74.62 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Instrument :
BNA_F
ClientSampleId :
U6-B1(6-12)C

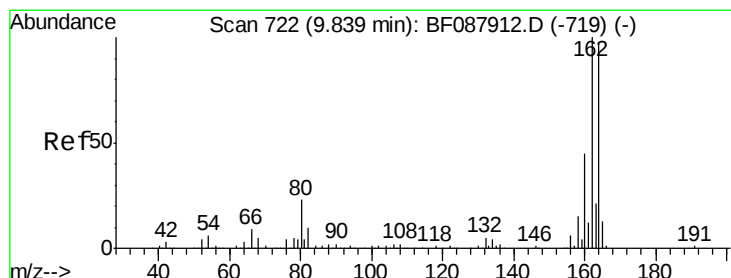
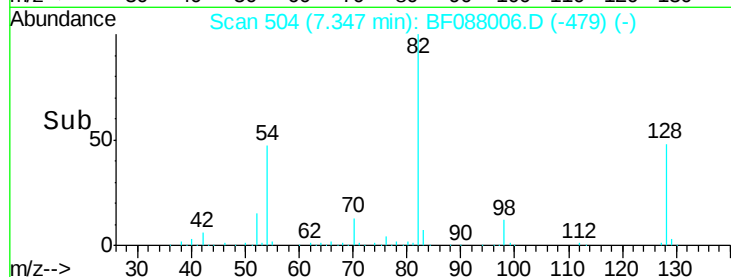
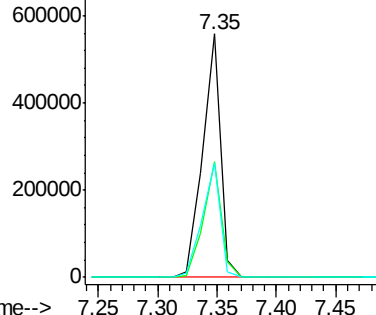
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.7	35.9	53.9	
54	46.8	40.9	61.3	

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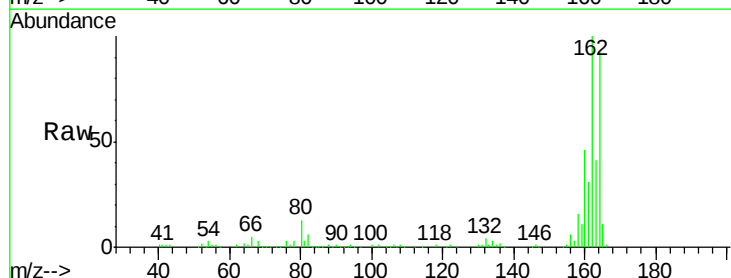


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

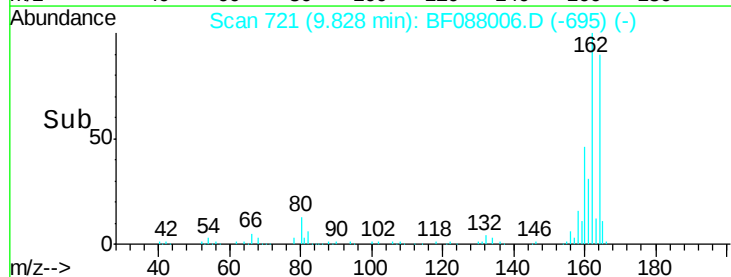
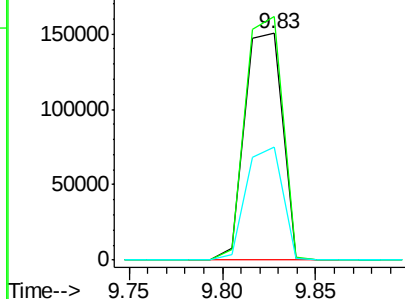


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.4	85.4	128.2	
160	49.6	39.5	59.3	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





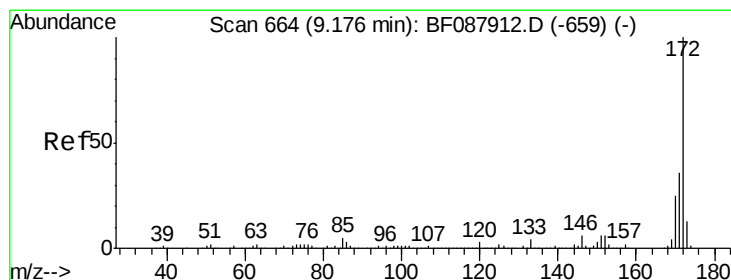
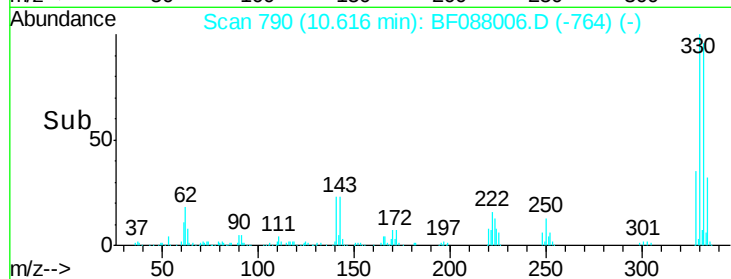
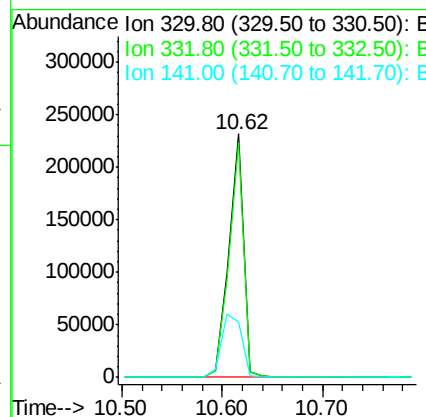
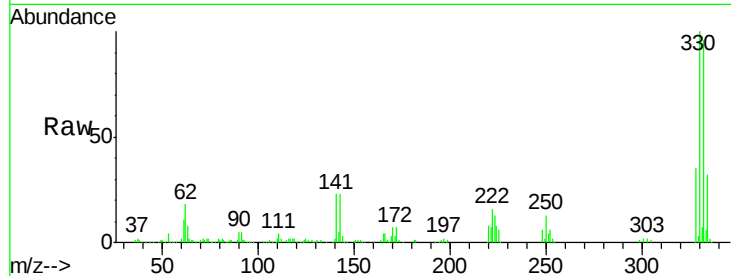
#41
 2,4,6-Tribromophenol
 Concen: 107.17 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF088006.D
 Acq: 14 Jun 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 U6-B1(6-12)C

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	35.9	0.0	0.0#

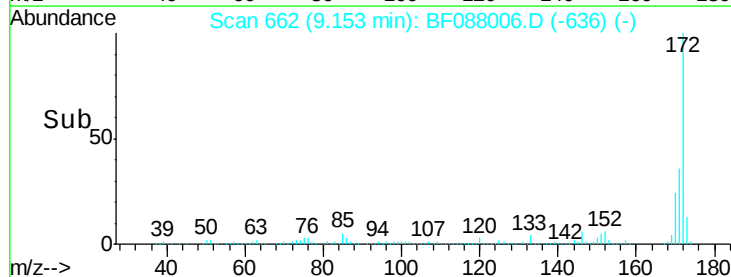
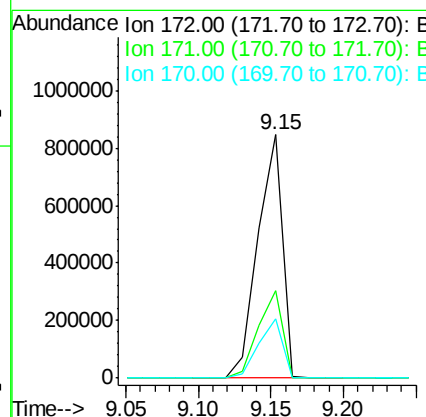
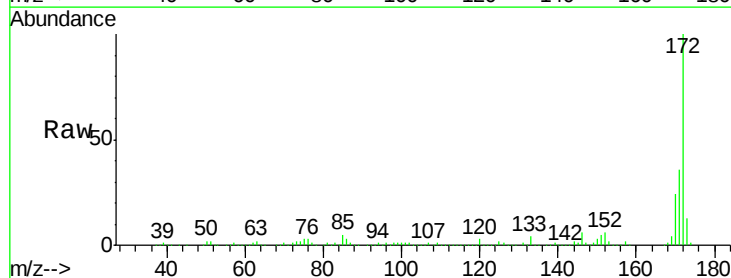
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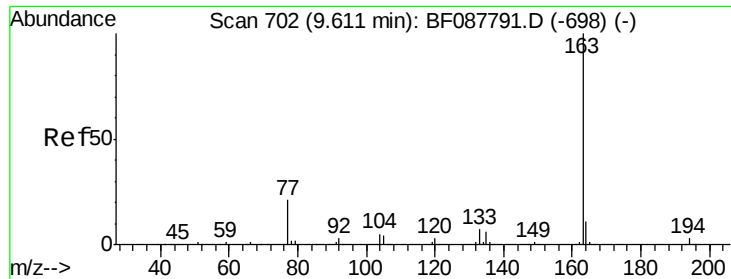
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#44
 2-Fluorobiphenyl
 Concen: 73.73 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088006.D
 Acq: 14 Jun 2016 19:01

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	19.2	28.8





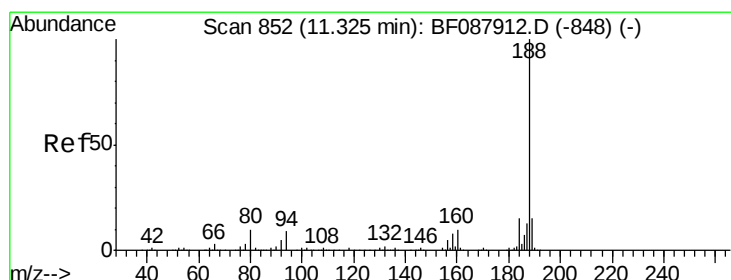
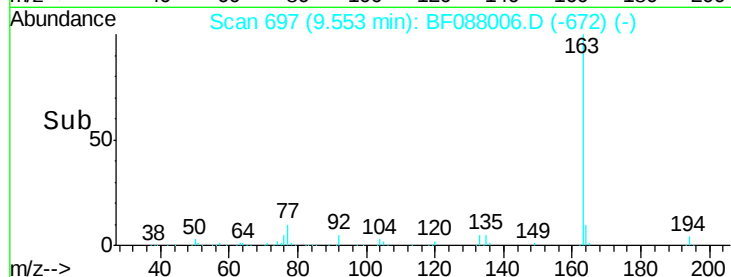
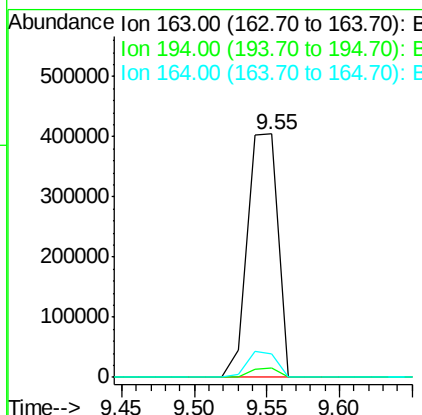
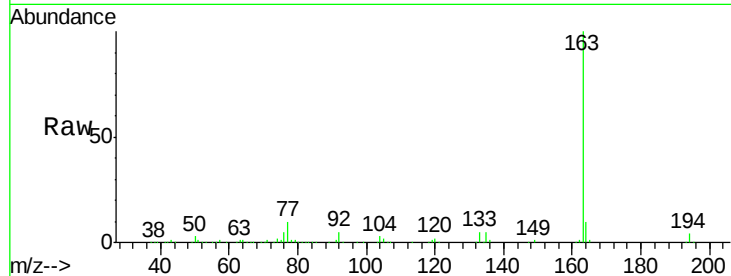
#49
Dimethylphthalate
Concen: 38.79 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Instrument :
BNA_F
ClientSampleId :
U6-B1(6-12)C

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.6	8.3	12.5

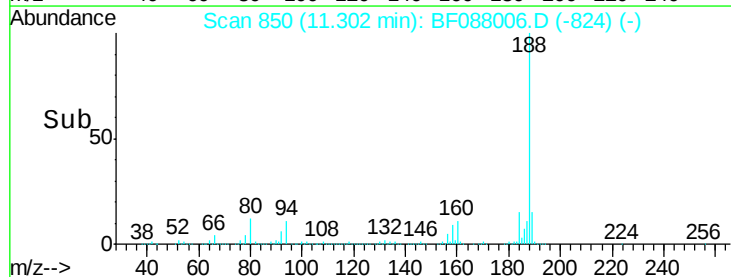
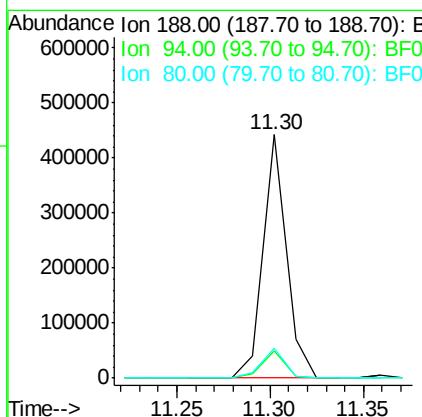
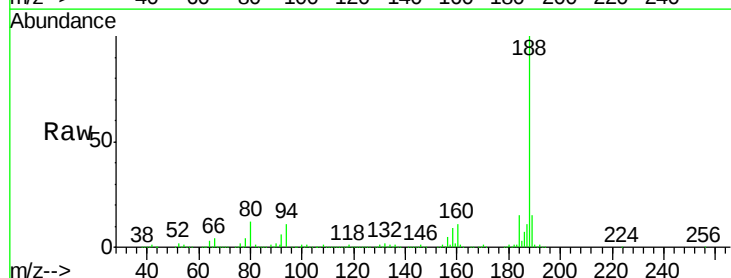
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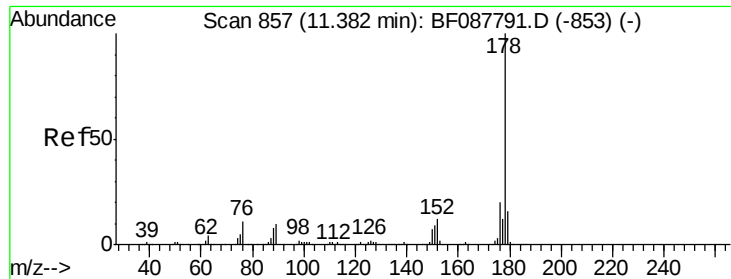
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.4	9.0	13.6
80	12.3	10.0	15.0





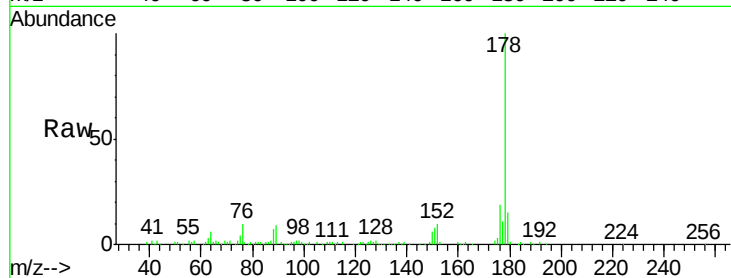
#70
Phenanthrene
Concen: 4.74 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Instrument :
BNA_F
ClientSampleId :
U6-B1(6-12)C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.1	13.0	19.4

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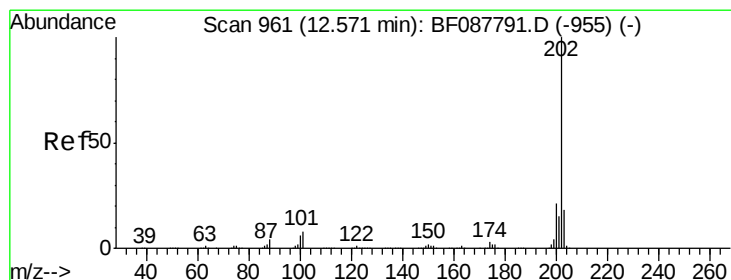
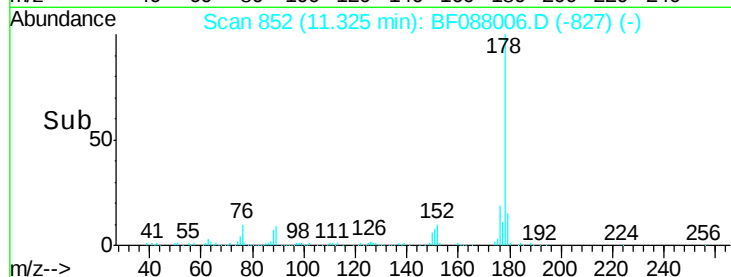
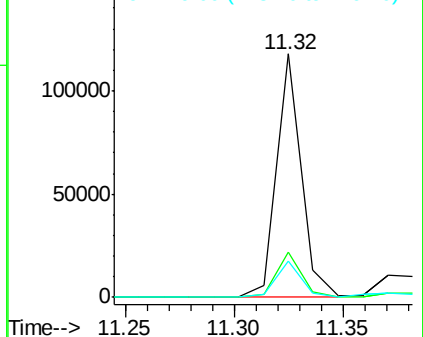


Abundance

Ion 178.00 (177.70 to 178.70): E

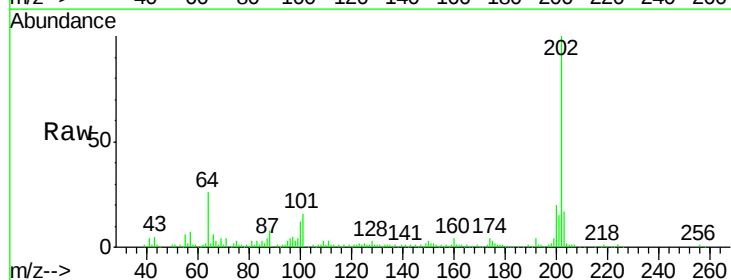
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 5.09 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF088006.D
Acq: 14 Jun 2016 19:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	33.1
203	17.4	0.0	38.1

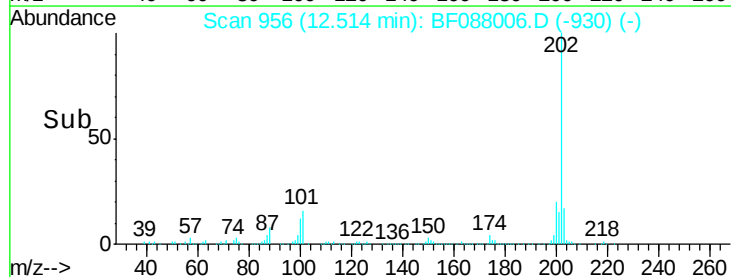
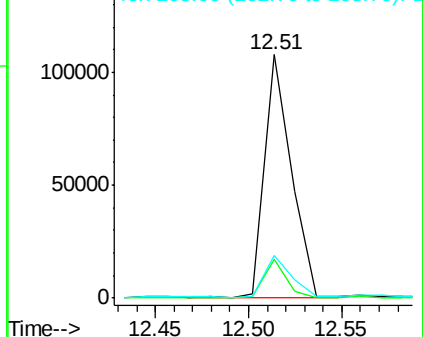


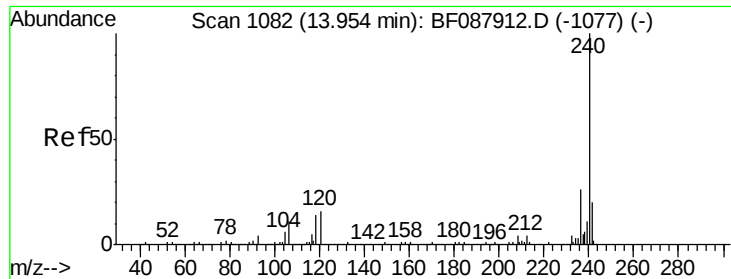
Abundance

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: BF088006.D

Acq: 14 Jun 2016 19:01

Instrument :

BNA_F

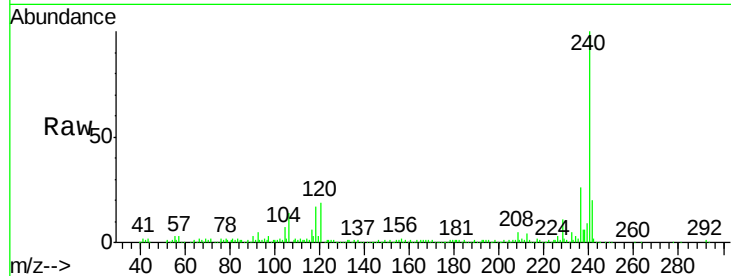
ClientSampleId :

U6-B1(6-12)C

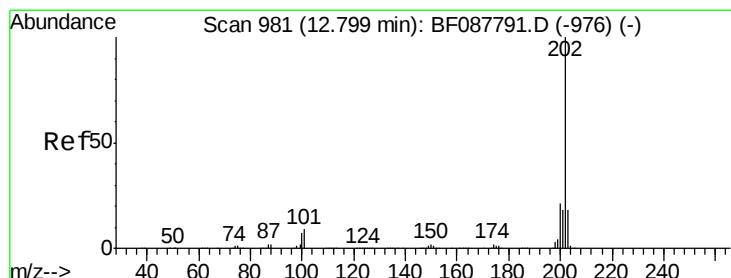
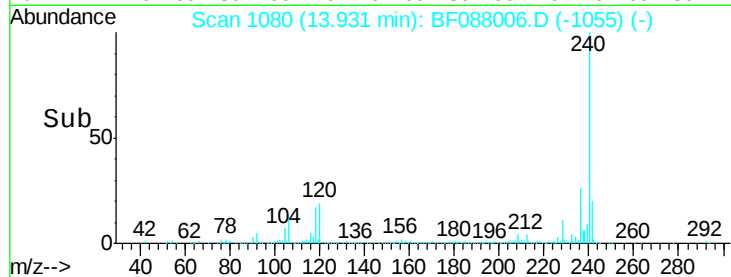
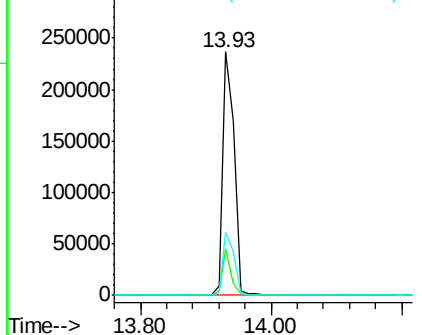
Tot Ion:	240	Resp:	292319
Ion Ratio	Lower	Upper	
240	100		
120	19.3	6.8	10.2#
236	25.9	20.2	30.2

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.15 ng

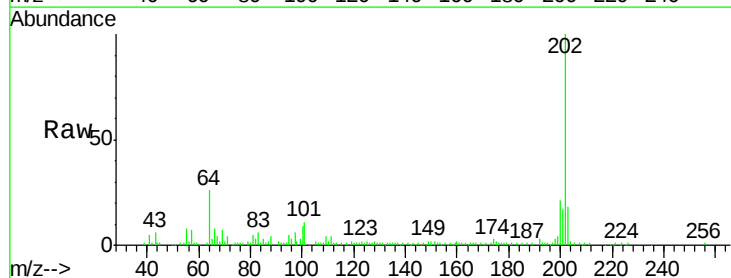
RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

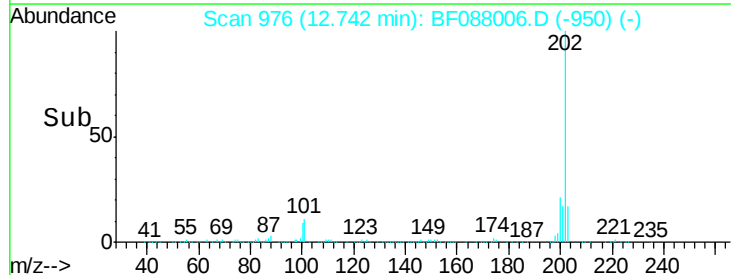
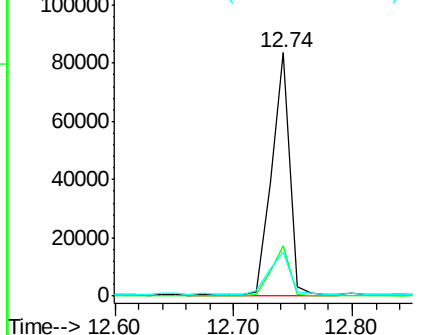
Lab File: BF088006.D

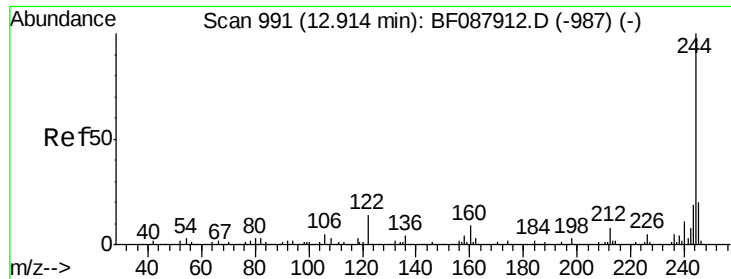
Acq: 14 Jun 2016 19:01

Tgt Ion:	202	Resp:	89997
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.0	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





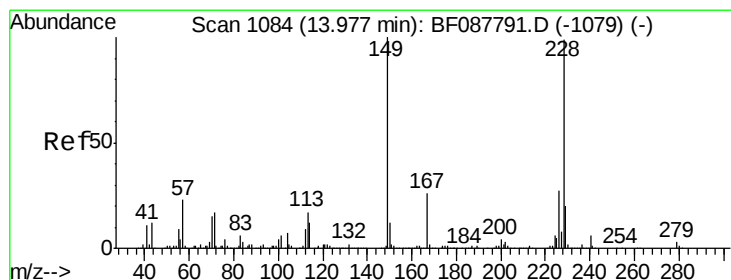
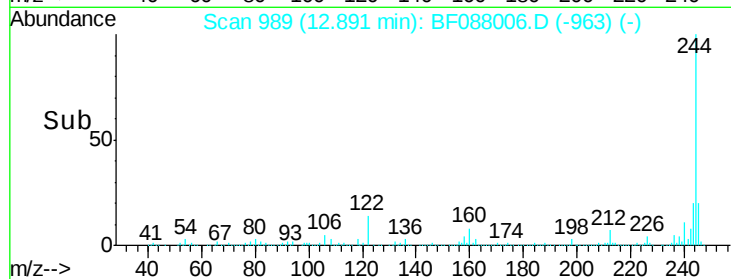
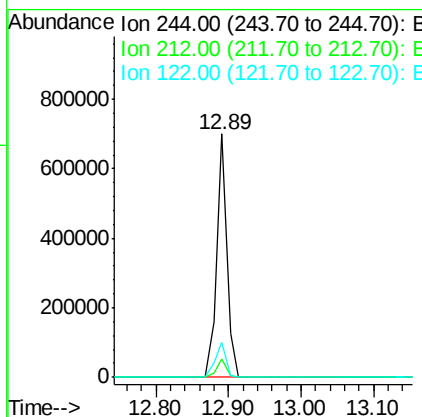
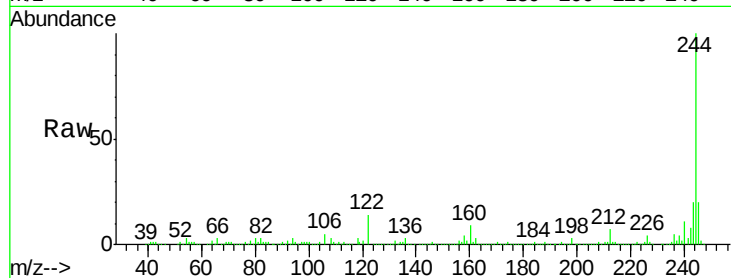
#78
 Terphenyl-d14
 Concen: 53.30 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF088006.D
 Acq: 14 Jun 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 U6-B1(6-12)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.4	11.2	16.8

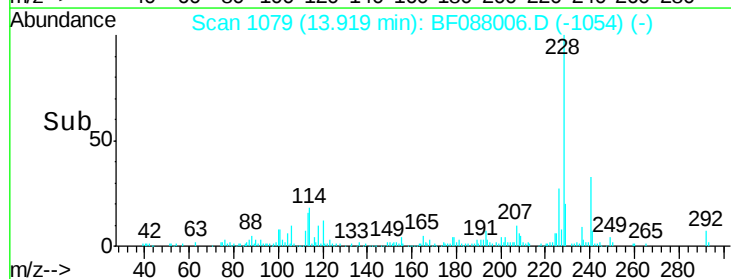
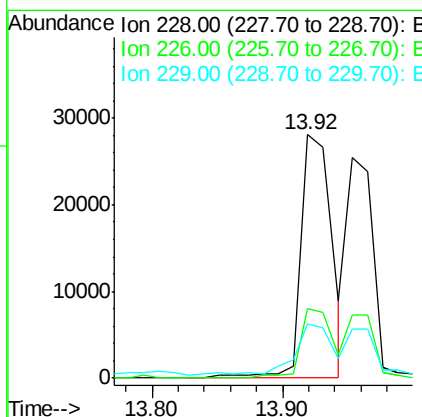
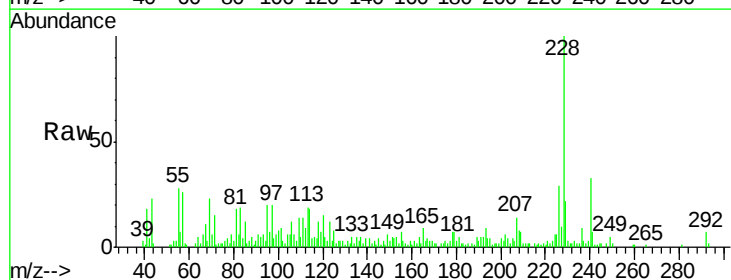
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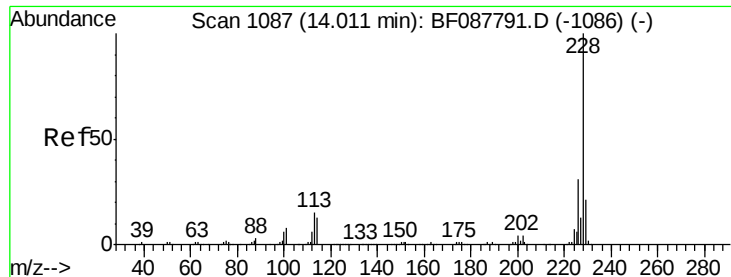
sohil
 6/15/2016 6:40:25 PM



#80
 Benzo(a)anthracene
 Concen: 2.76 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF088006.D
 Acq: 14 Jun 2016 19:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	22.3	16.0	24.0





#82

Chrysene

Concen: 2.28 ng/mL

RT: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF088006.D

Acq: 14 Jun 2016 19:01

Instrument :

BNA_F

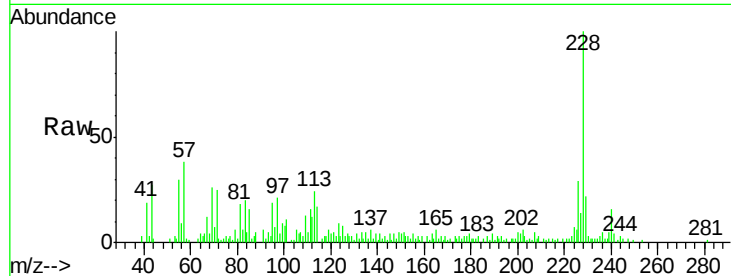
ClientSampleId :

U6-B1(6-12)C

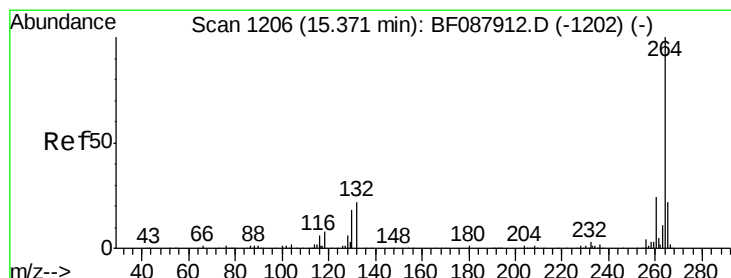
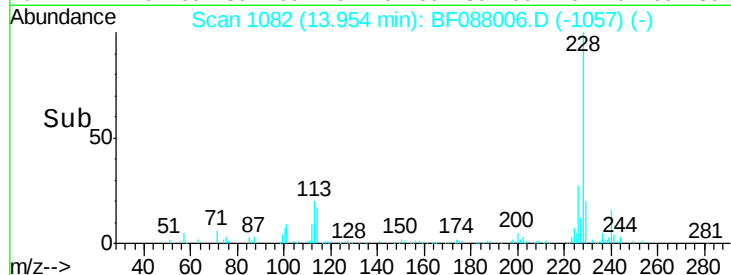
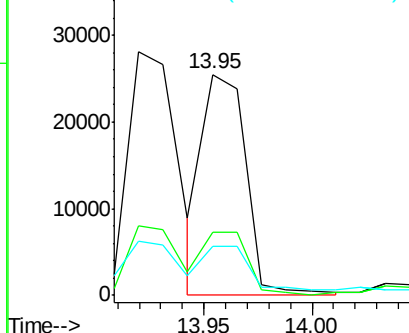
Tot Ion:	228	Resp:	35724
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.4	38.2
229	22.5	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng/mL

RT: 15.35 min Scan# 1204

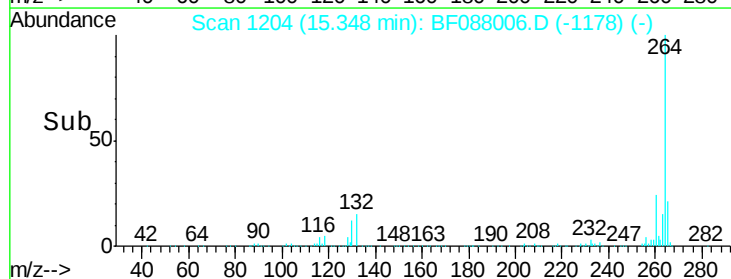
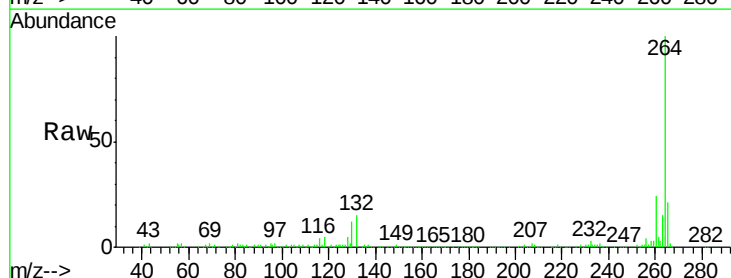
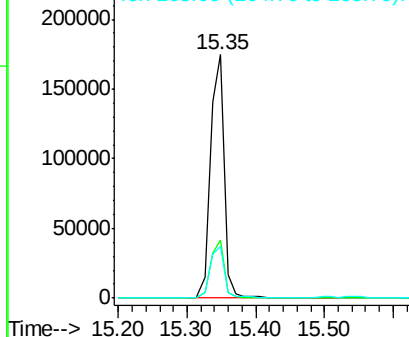
Delta R.T. -0.00 min

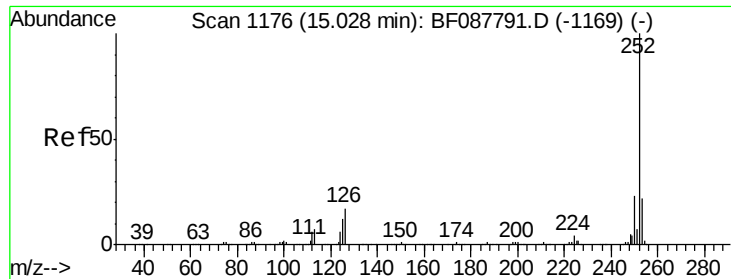
Lab File: BF088006.D

Acq: 14 Jun 2016 19:01

Tgt Ion:	264	Resp:	244561
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.59 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF088006.D

Acq: 14 Jun 2016 19:01

Instrument :

BNA_F

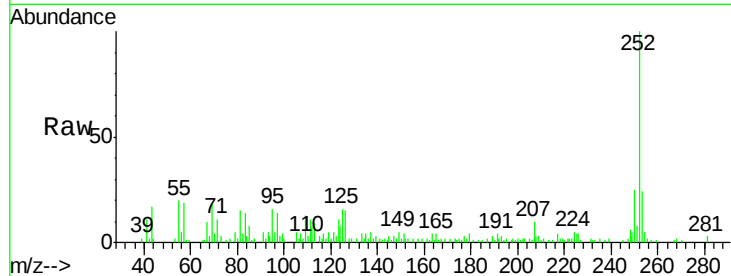
ClientSampleId :

U6-B1(6-12)C

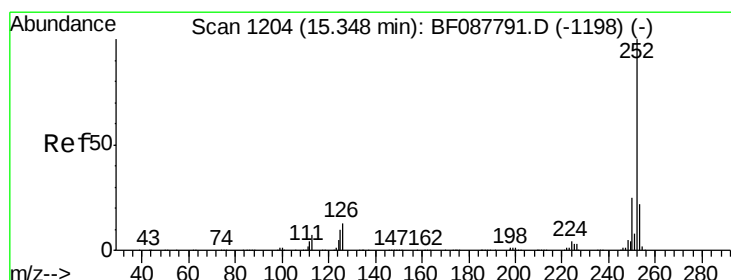
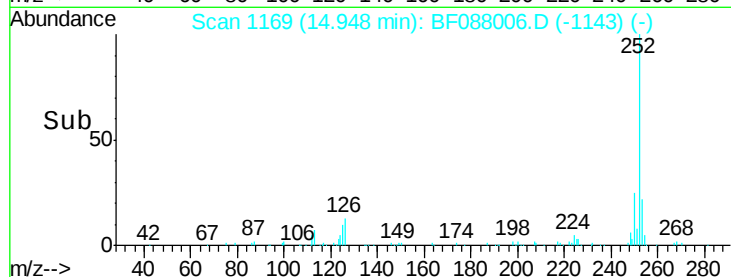
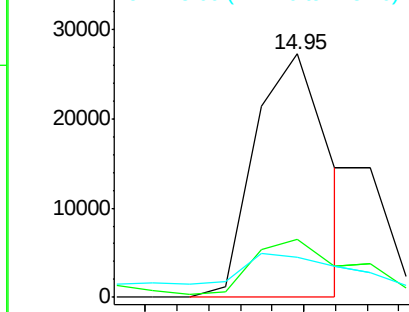
Tot Ion:	252	Resp:	44178
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	16.5	7.1	10.7#

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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: 2.01 ng

RT: 15.28 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF088006.D

Acq: 14 Jun 2016 19:01

Tgt Ion:	252	Resp:	27787
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	19.6	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

