

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088014.D
 Acq On : 14 Jun 2016 22:55
 Operator : UM/SJ
 Sample : H3419-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(0-6)C

Manual Integrations
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Quant Time: Jun 15 05:01:56 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	100401	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	407525	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	176384	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	269025	20.00	ng	0.00
75) Chrysene-d12	13.94	240	260746	20.00	ng	0.00
86) Perylene-d12	15.35	264	197902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	112497	19.16	ng	-0.01
7) Phenol-d6	6.41	99	153710	21.60	ng	-0.01
23) Nitrobenzene-d5	7.35	82	80454	11.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	15312	8.22	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	166760	9.96	ng	-0.01
78) Terphenyl-d14	12.89	244	133294	11.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	25620	2.01	ng	99
74) Fluoranthene	12.51	202	37953	2.55	ng	98
77) Pyrene	12.74	202	38909	2.01	ng	98
87) Benzo(b)fluoranthene	14.95	252	30567m	2.22	ng	

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

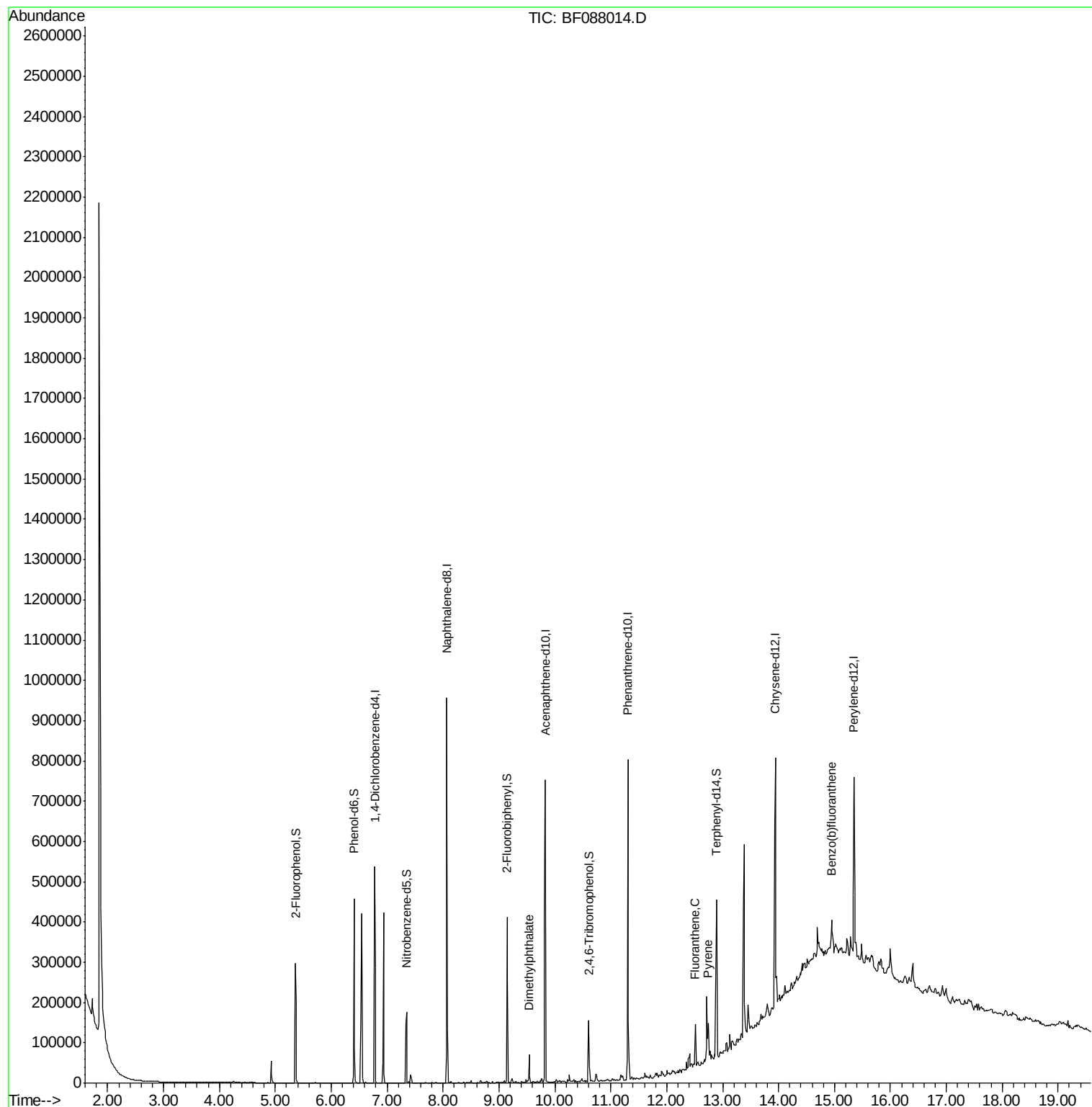
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088014.D
Acq On : 14 Jun 2016 22:55
Operator : UM/SJ
Sample : H3419-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

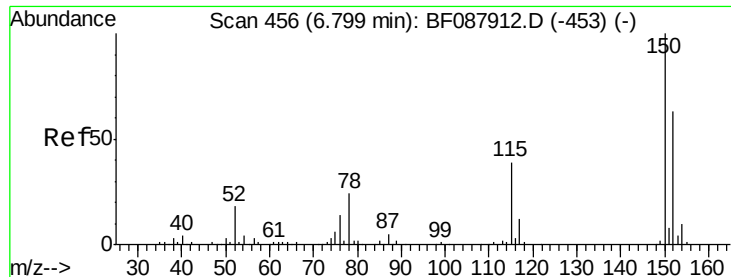
Instrument :
BNA_F
ClientSampleId :
T6-B2(0-6)C

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Quant Time: Jun 15 05:01:56 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

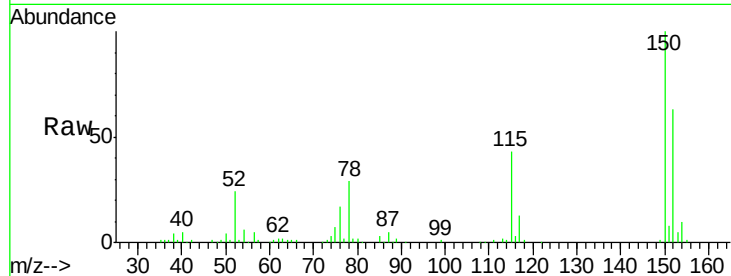
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Instrument :
BNA_F
ClientSampleId :
T6-B2(0-6)C

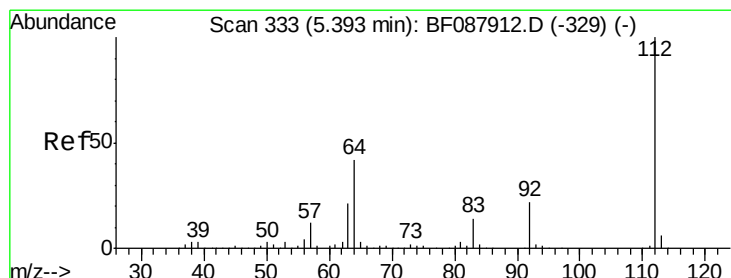
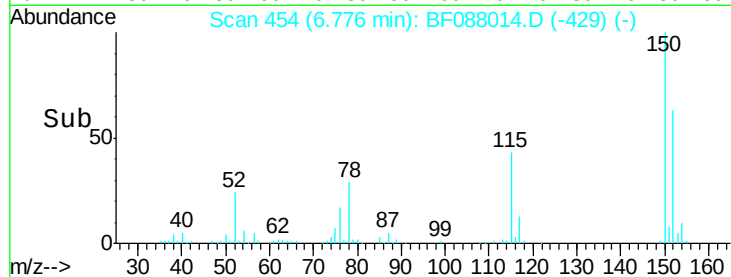
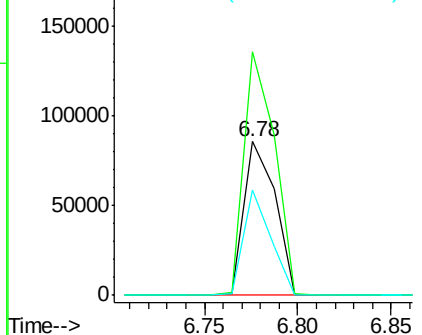
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.6
115	68.7	39.6	59.4

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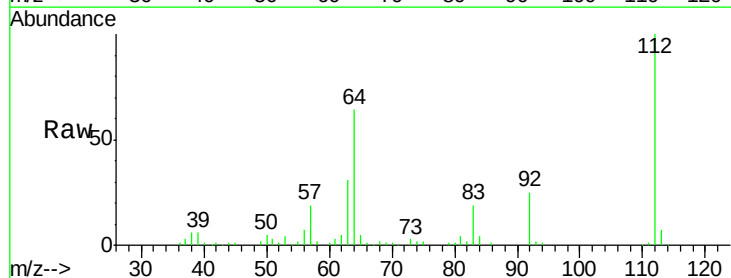
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



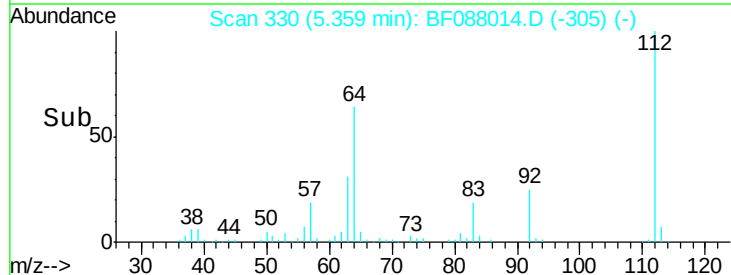
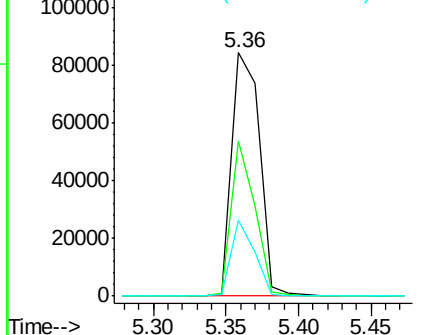
#5

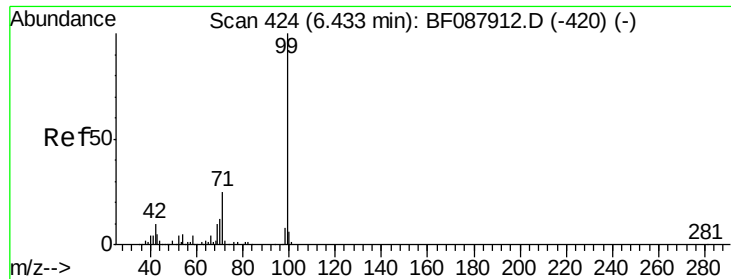
2-Fluorophenol
Concen: 19.16 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	42.2	63.2
63	31.2	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: 21.60 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088014.D

Acq: 14 Jun 2016 22:55

Instrument :

BNA_F

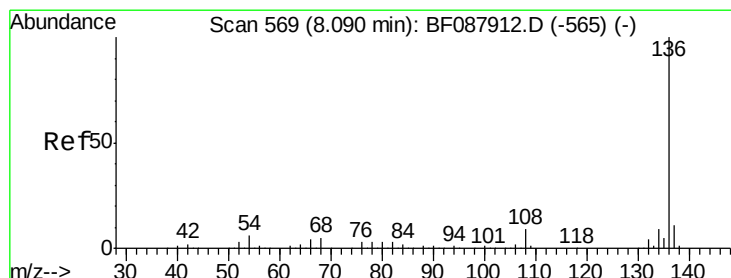
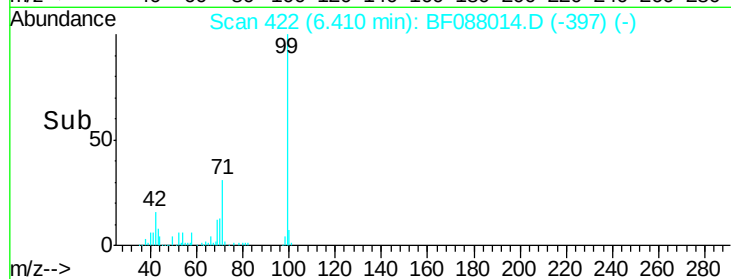
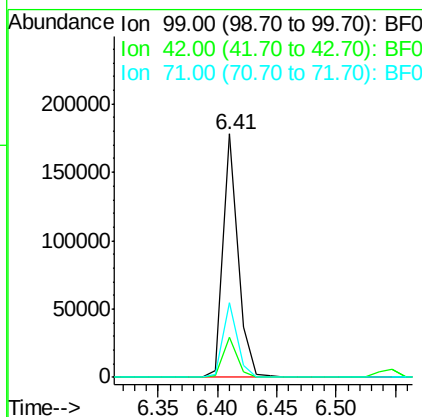
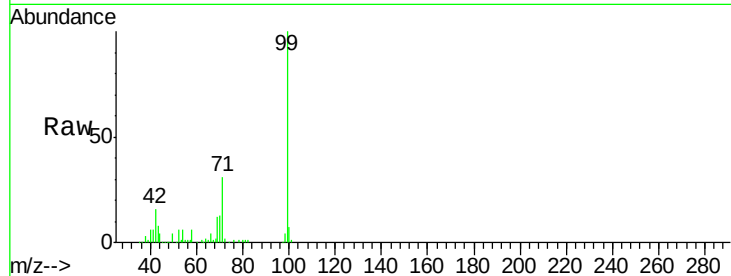
ClientSampleId :

T6-B2(0-6)C

Tot Ion:	99	Resp:	153710
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.2	18.2
71	30.9	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

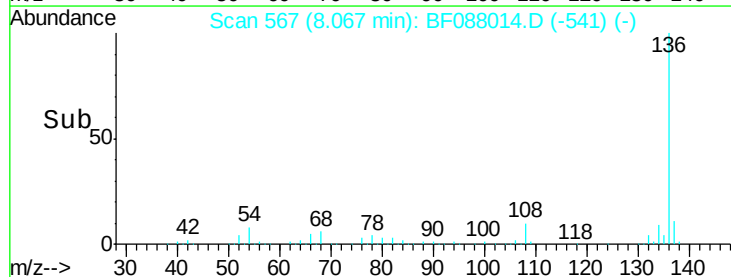
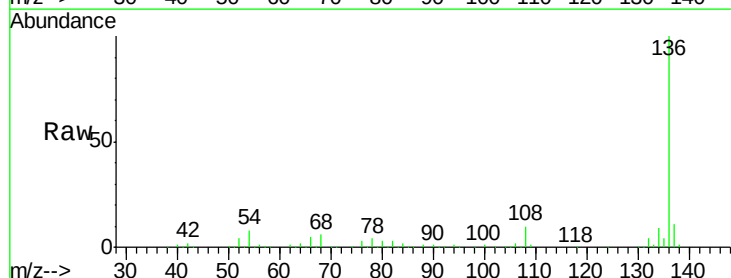
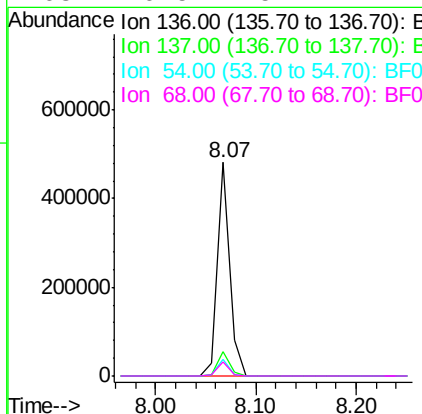
RT: 8.07 min Scan# 567

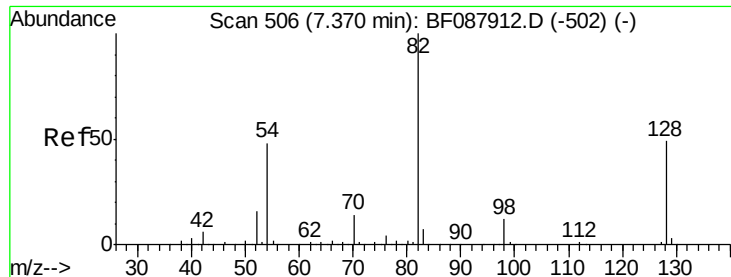
Delta R.T. -0.00 min

Lab File: BF088014.D

Acq: 14 Jun 2016 22:55

Tgt Ion:	136	Resp:	407525
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.8	6.6	10.0
68	6.5	5.1	7.7





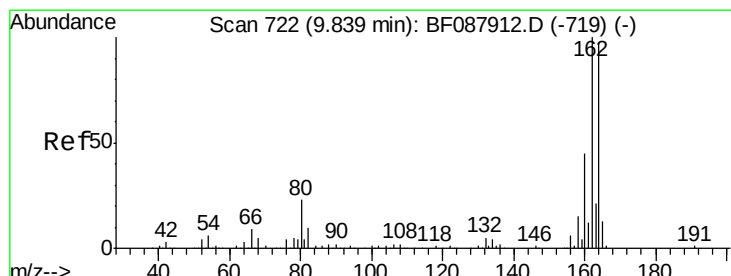
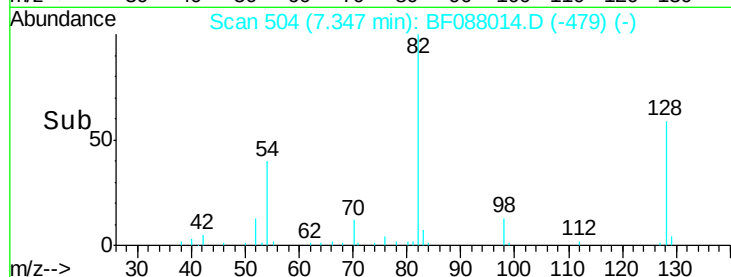
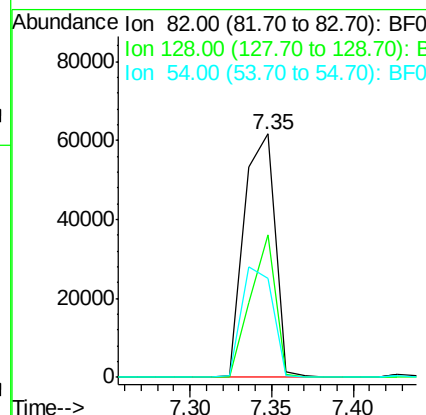
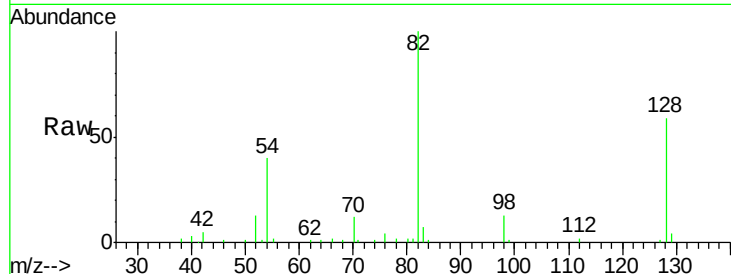
#23
Nitrobenzene-d5
Concen: 11.53 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Instrument :
BNA_F
ClientSampleId :
T6-B2(0-6)C

Tot Ion	Ratio	Lower	Upper
82	100		
128	58.6	35.9	53.9#
54	40.4	40.9	61.3#

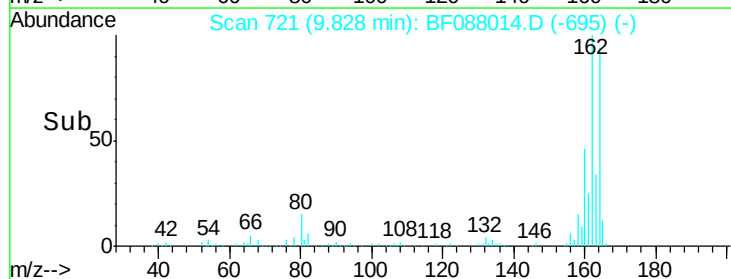
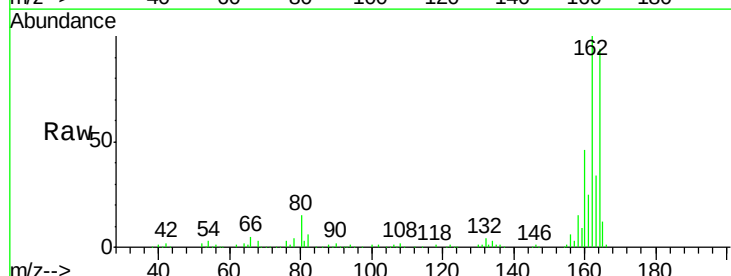
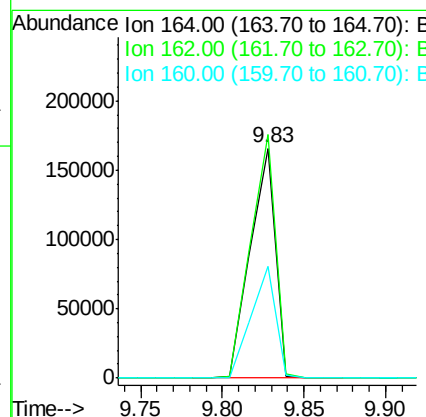
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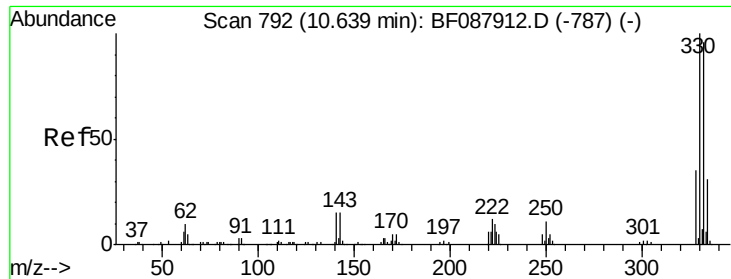
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.4	128.2
160	48.4	39.5	59.3





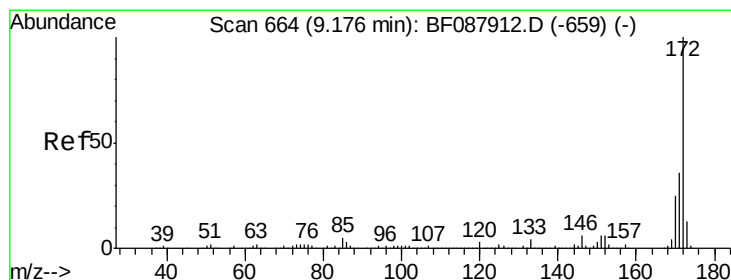
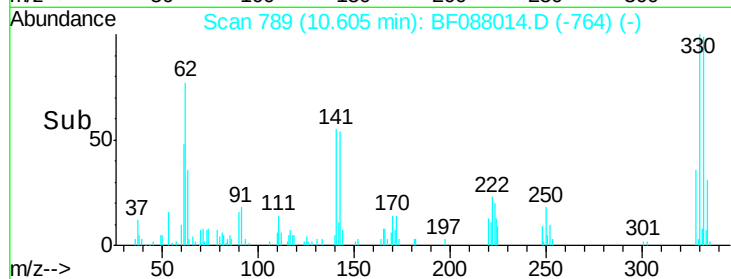
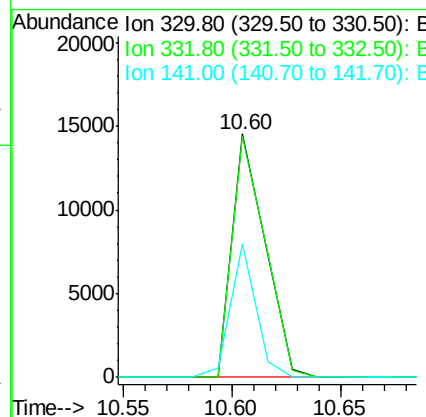
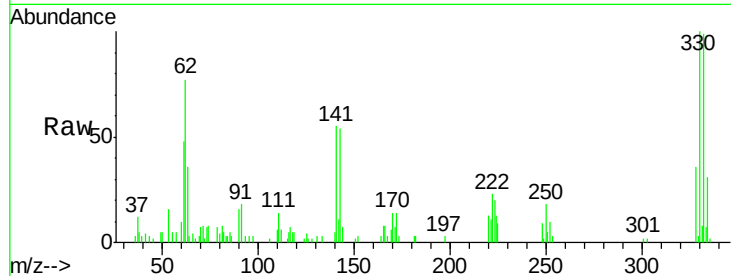
#41
 2,4,6-Tribromophenol
 Concen: 8.22 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF088014.D
 Acq: 14 Jun 2016 22:55

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(0-6)C

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	99.4	0.0	0.0#
141	42.4	0.0	0.0#

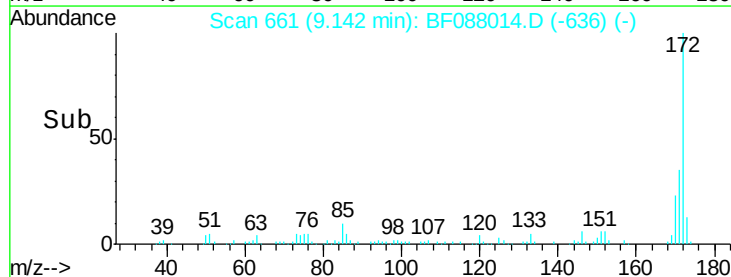
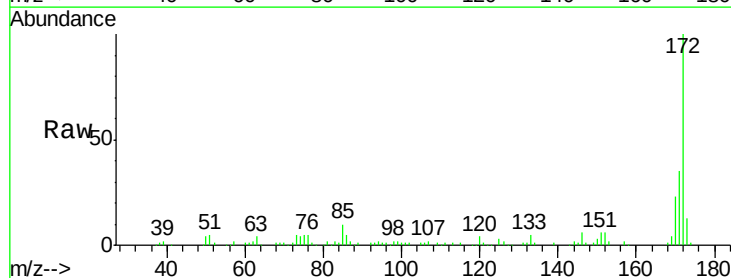
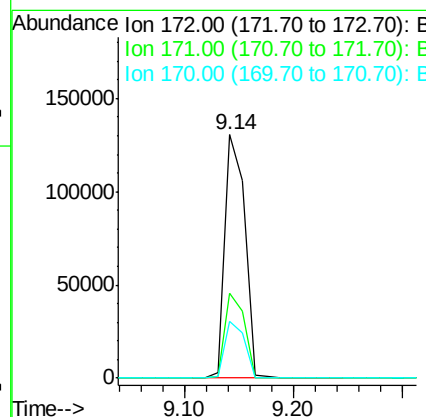
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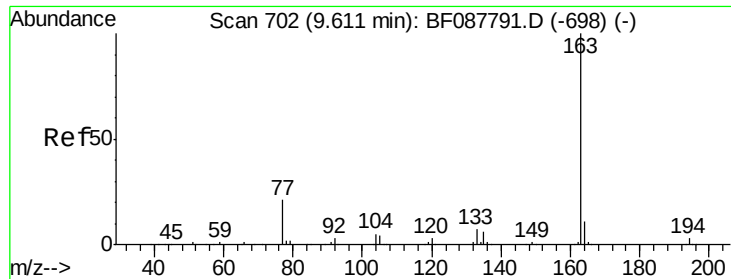
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#44
 2-Fluorobiphenyl
 Concen: 9.96 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF088014.D
 Acq: 14 Jun 2016 22:55

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.2	19.2	28.8





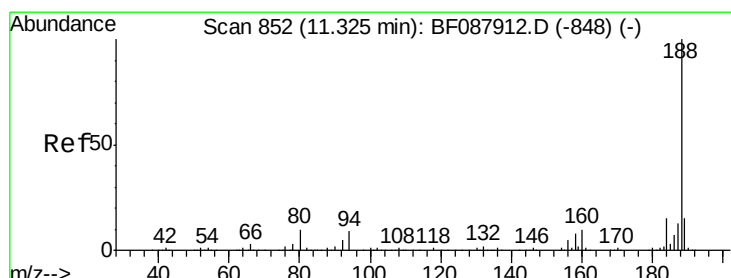
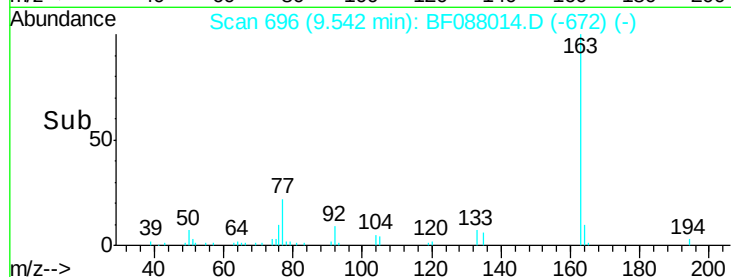
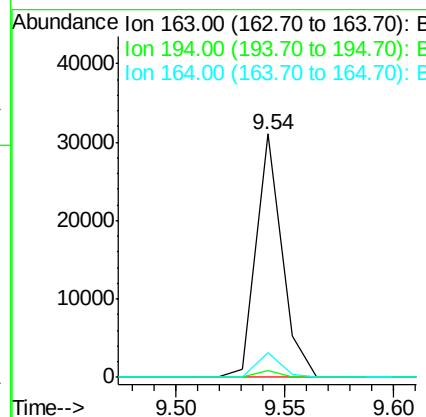
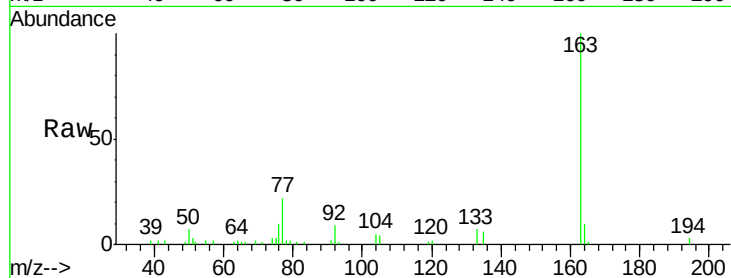
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Instrument :
BNA_F
ClientSampleId :
T6-B2(0-6)C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		25620		
194	3.0		2.8	4.2	
164	10.1		8.3	12.5	

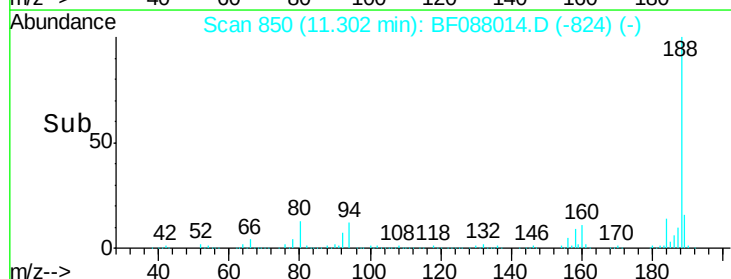
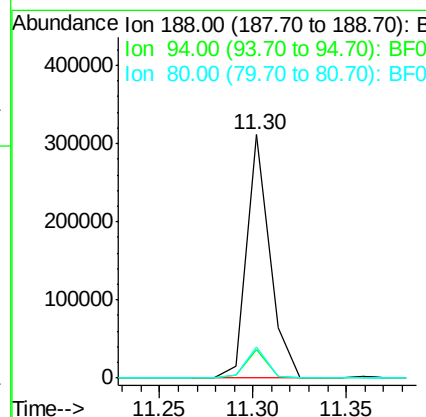
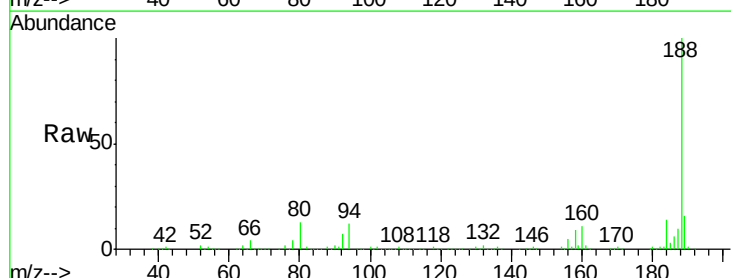
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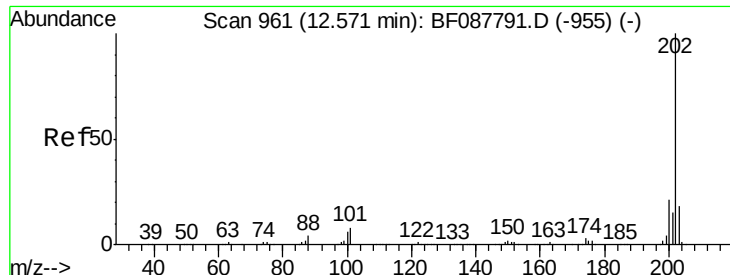
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		269025		
94	12.0		9.0	13.6	
80	12.6		10.0	15.0	





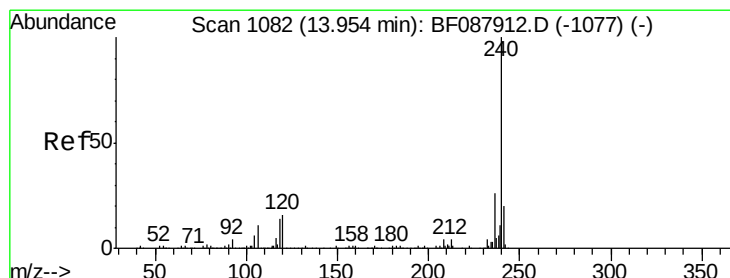
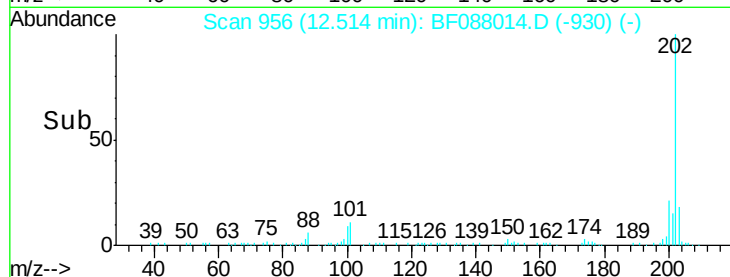
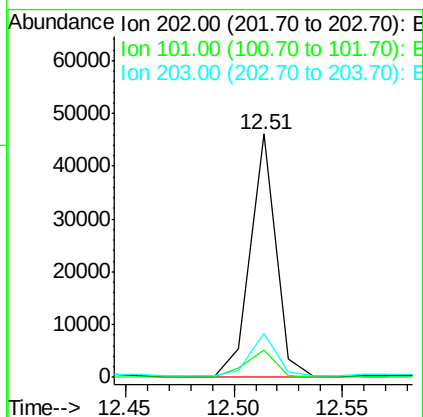
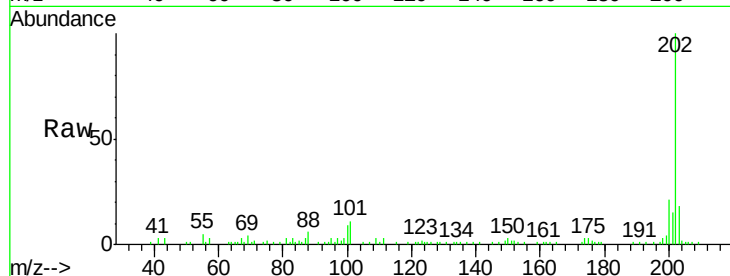
#74
Fluoranthene
Concen: 2.55 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Instrument :
BNA_F
ClientSampleId :
T6-B2(0-6)C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	33.1
203	17.9	0.0	38.1

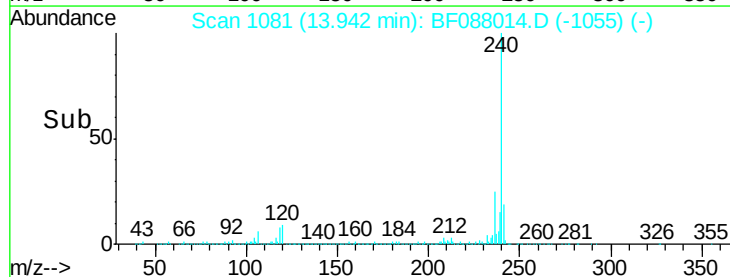
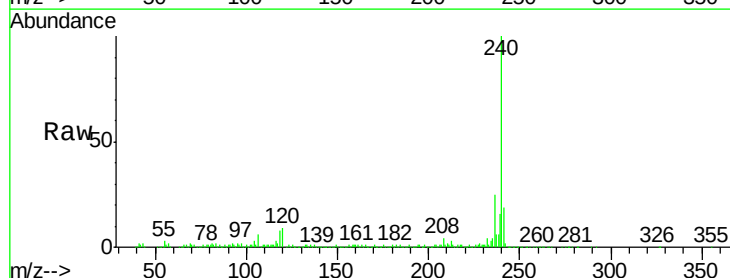
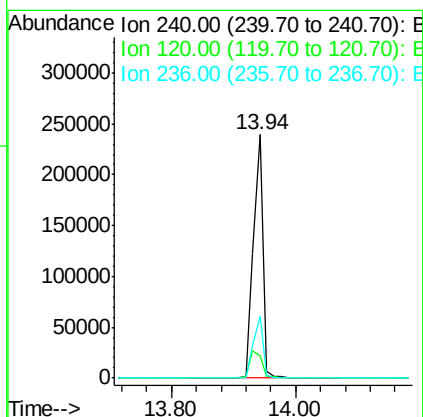
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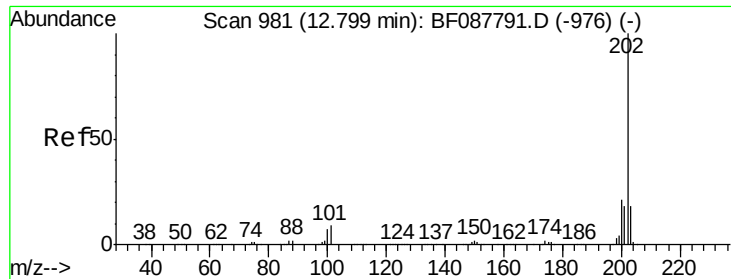
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	6.8	10.2
236	25.4	20.2	30.2





#77

Pvrene

Concen: 2.01 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF088014.D

Acq: 14 Jun 2016 22:55

Instrument :

BNA_F

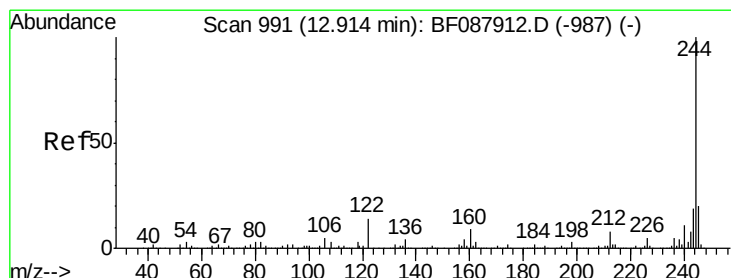
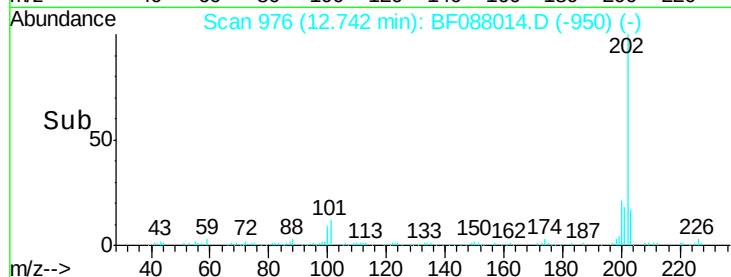
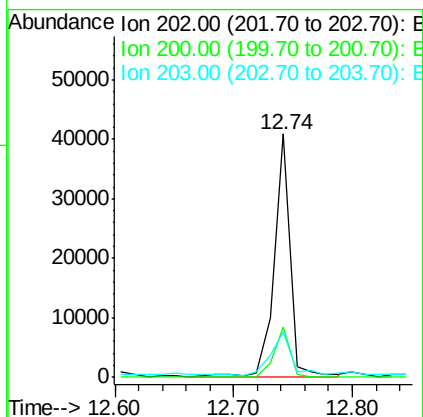
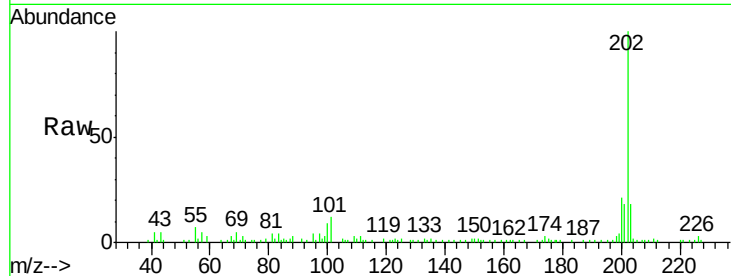
ClientSampled :

T6-B2(0-6)C

Tot Ion:	202	Resp:	38909
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.5	14.5	21.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 11.63 ng

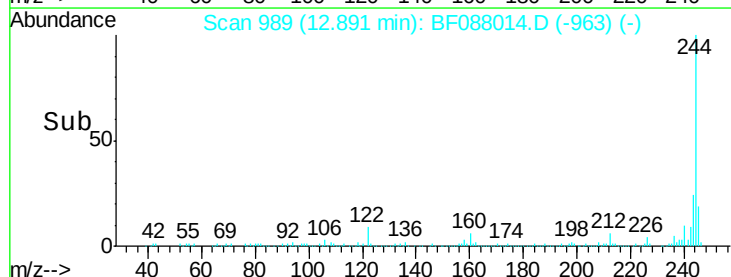
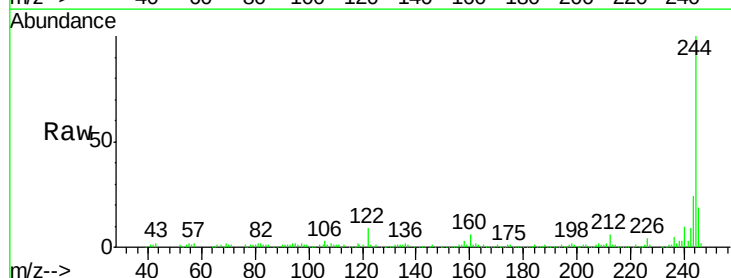
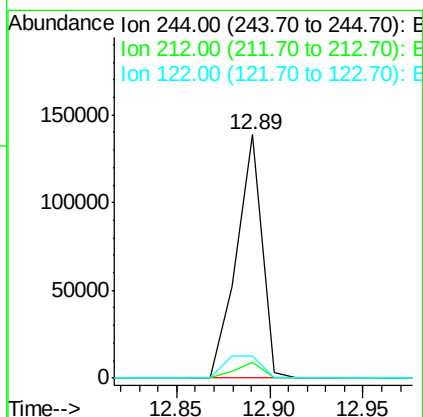
RT: 12.89 min Scan# 989

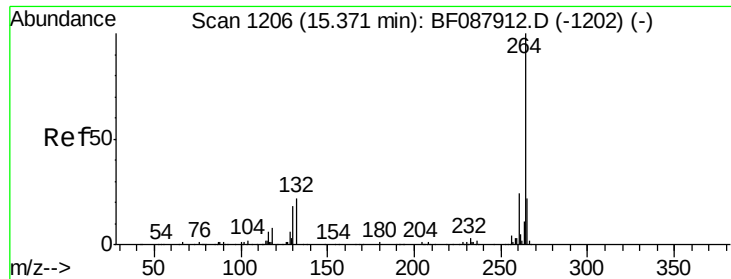
Delta R.T. -0.00 min

Lab File: BF088014.D

Acq: 14 Jun 2016 22:55

Tgt Ion:	244	Resp:	133294
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.0	9.0
122	8.9	11.2	16.8#





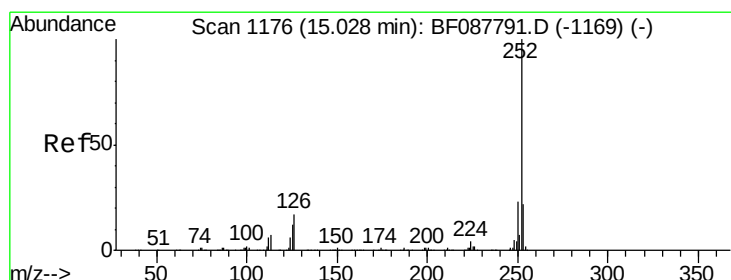
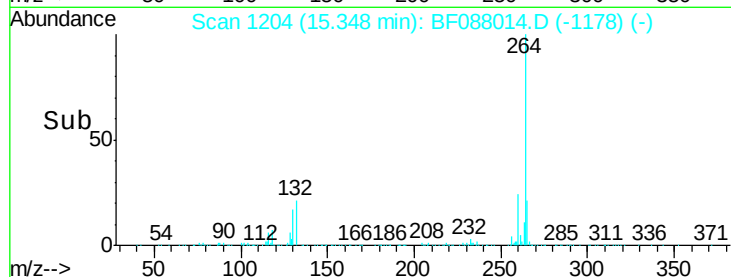
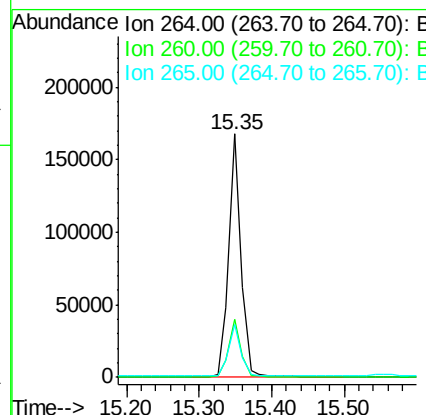
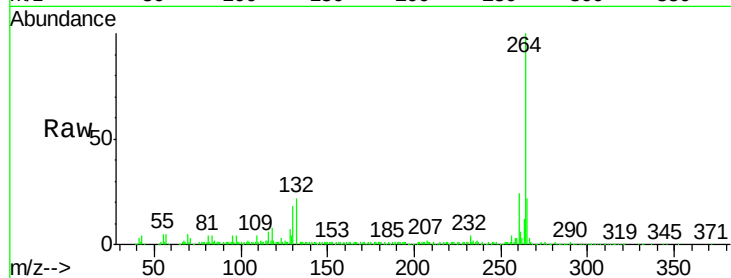
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Instrument :
BNA_F
ClientSampleId :
T6-B2(0-6)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	16.9	25.3

Manual Integrations
APPROVED

sohil
6/15/2016 6:45:40 PM



#87
Benzo(b)fluoranthene
Concen: 2.22 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF088014.D
Acq: 14 Jun 2016 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.2#
125	25.7	7.1	10.7#

