

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088424.D
 Acq On : 26 Jun 2016 17:59
 Operator : UM/SJ
 Sample : H3663-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Manual Integrations
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Quant Time: Jun 27 17:47:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	74974	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	304934	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	143472	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	256985	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	176846	20.00	ng	-0.07
86) Perylene-d12	15.03	264	156359	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	559126	127.49	ng	-0.03
7) Phenol-d6	6.22	99	670169	126.09	ng	-0.05
23) Nitrobenzene-d5	7.12	82	443275	84.89	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	145150	95.81	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	691674	75.09	ng	-0.06
78) Terphenyl-d14	12.64	244	505654	65.06	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	210873	20.29	ng	99
70) Phenanthrene	11.07	178	95666	7.09	ng	98
71) Anthracene	11.13	178	28097	2.07	ng	96
74) Fluoranthene	12.26	202	198372	13.94	ng	94
77) Pyrene	12.48	202	184824	14.08	ng	98
80) Benzo(a)anthracene	13.67	228	119336	11.84	ng	99
82) Chrysene	13.70	228	95024	10.02	ng	97
85) Indeno(1,2,3-cd)pyrene	16.26	276	75735	8.60	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	156215m	14.33	ng	
88) Benzo(k)fluoranthene	14.69	252	54167m	6.59	ng	
89) Benzo(a)pyrene	14.98	252	103651m	11.76	ng	
91) Benzo(a,h,i)perylene	16.62	276	72941	8.66	ng	94

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

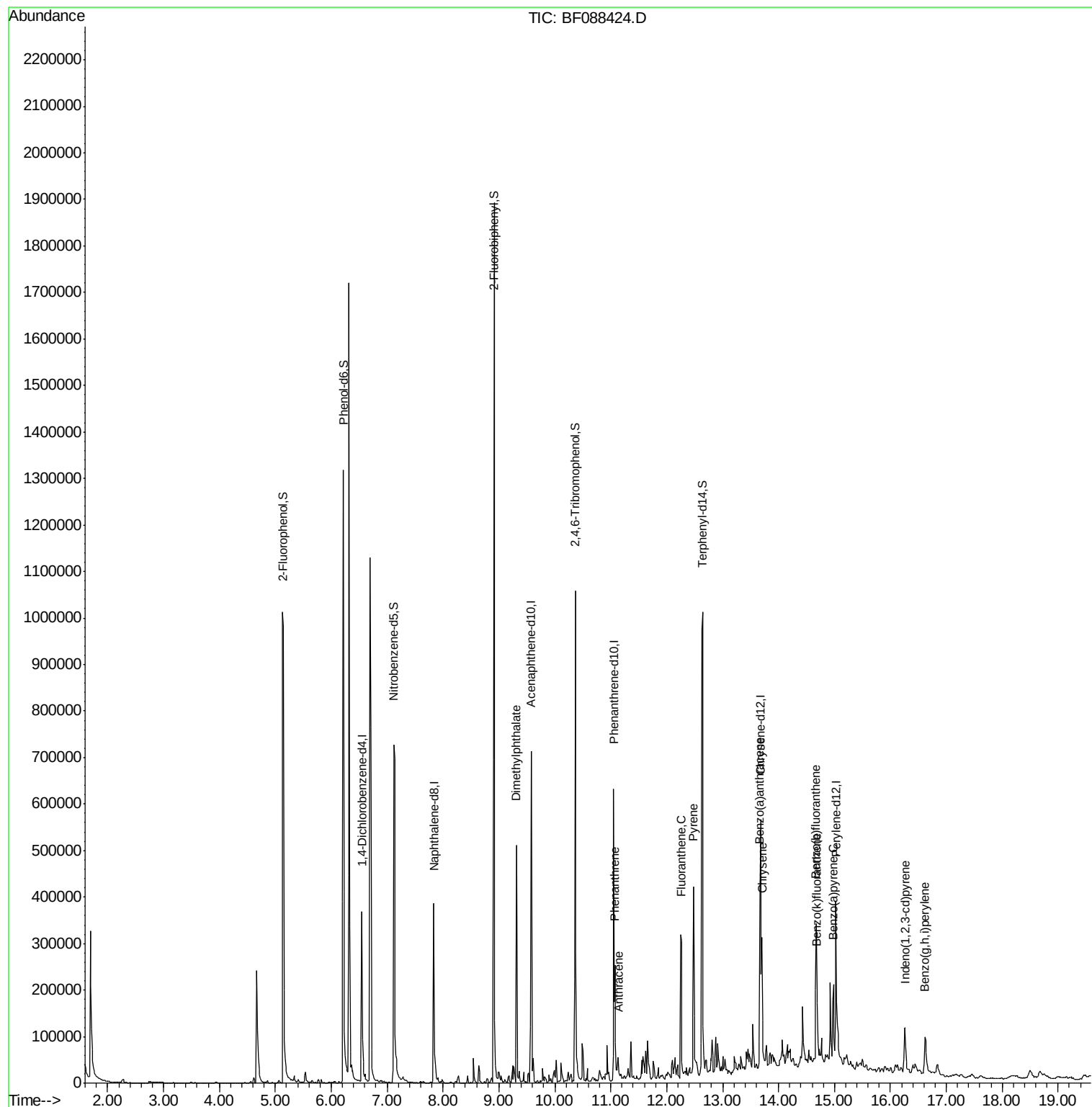
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088424.D
Acq On : 26 Jun 2016 17:59
Operator : UM/SJ
Sample : H3663-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

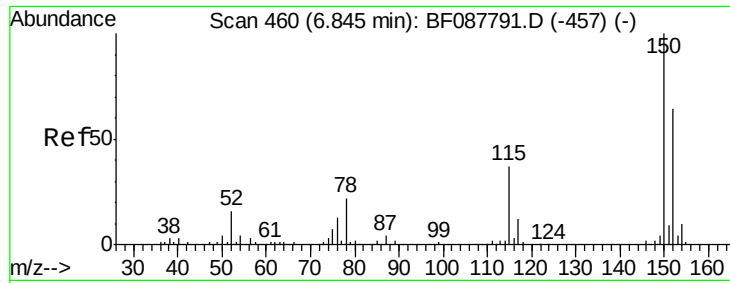
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 27 17:47:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

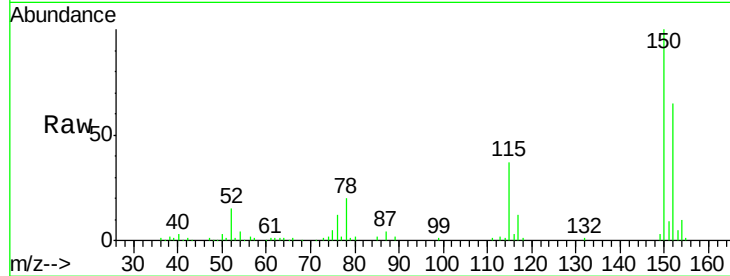
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Instrument :
BNA_F
ClientSampled :
TP-18

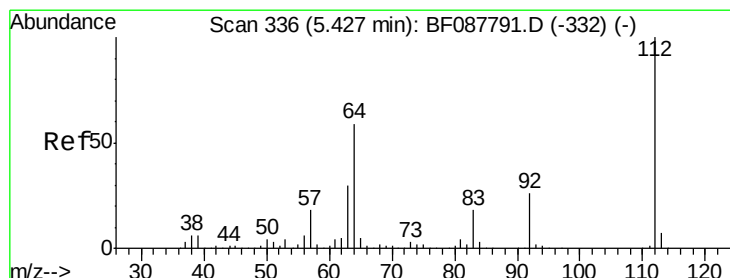
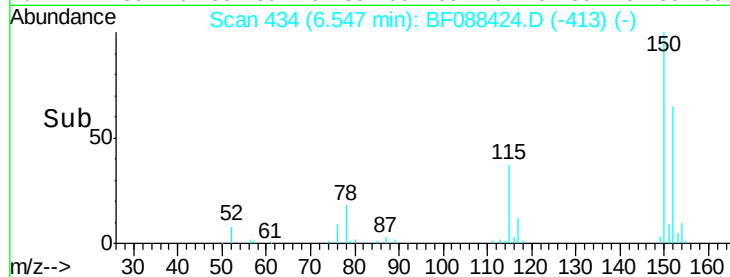
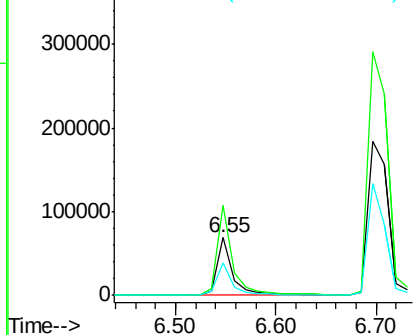
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	56.8	39.6	59.4

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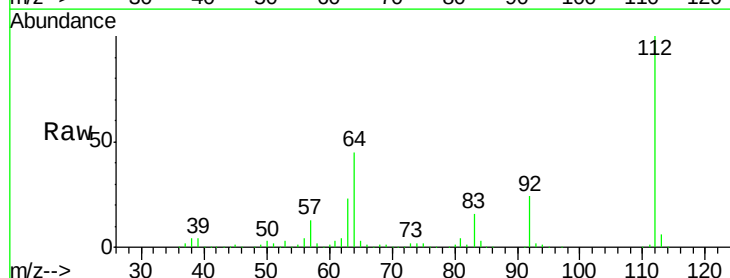
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



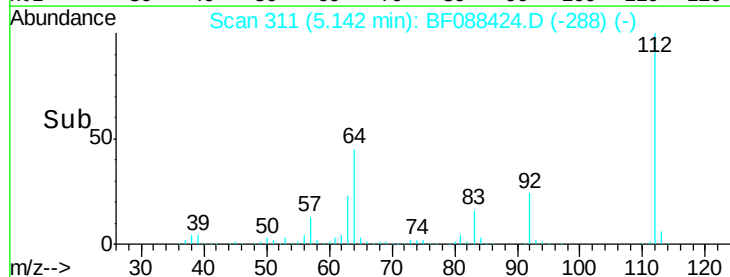
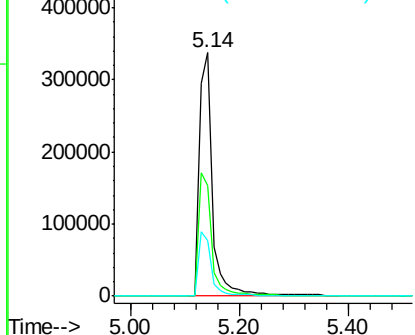
#5

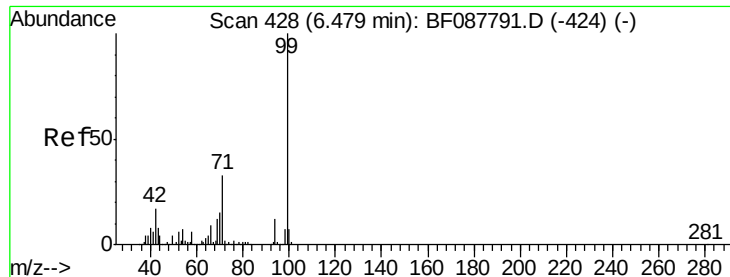
2-Fluorophenol
Concen: 127.49 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	42.2	63.2
63	23.0	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: 126.09 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088424.D

Acq: 26 Jun 2016 17:59

Instrument :

BNA_F

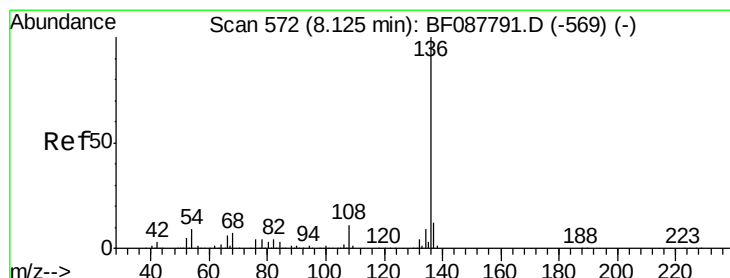
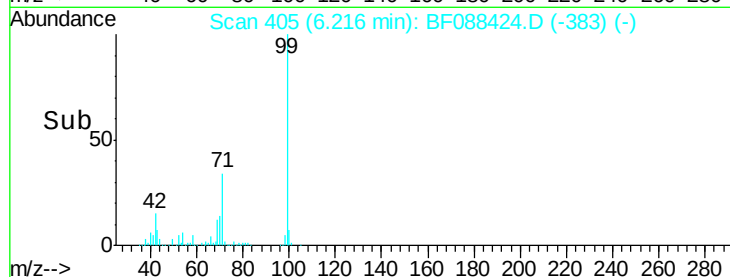
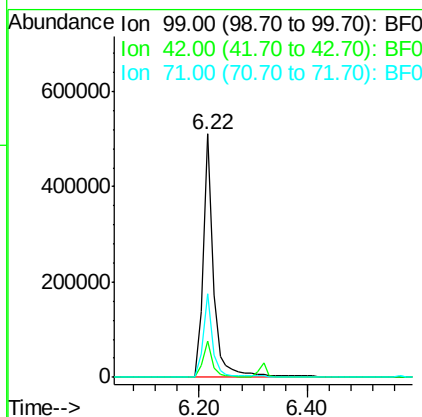
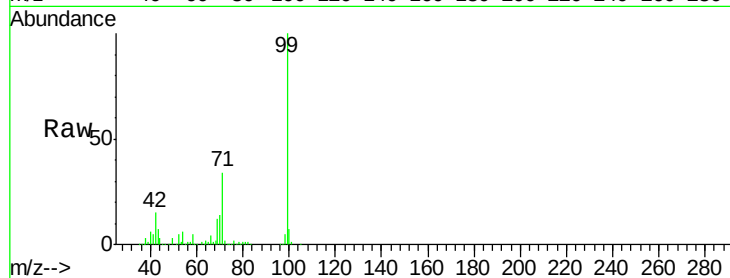
ClientSampleId :

TP-18

Tot Ion:	99	Resp:	670169
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.2
71	34.3	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

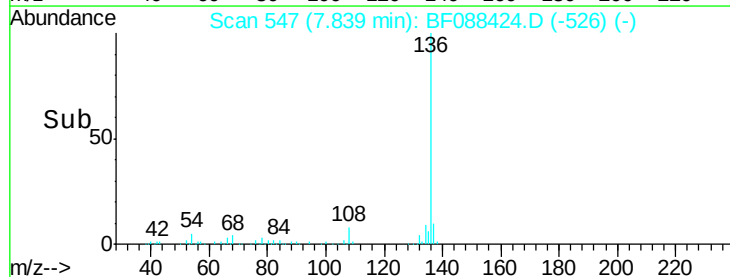
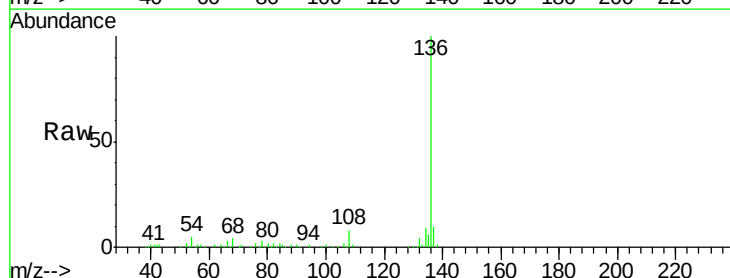
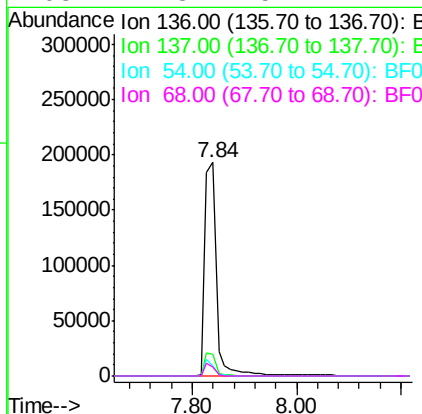
RT: 7.84 min Scan# 547

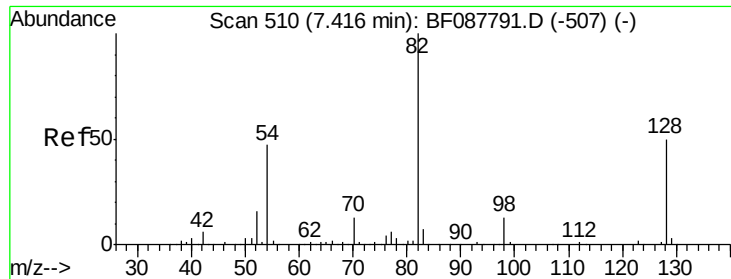
Delta R.T. -0.06 min

Lab File: BF088424.D

Acq: 26 Jun 2016 17:59

Tgt Ion:	136	Resp:	304934
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.8	6.6	10.0#
68	4.3	5.1	7.7#





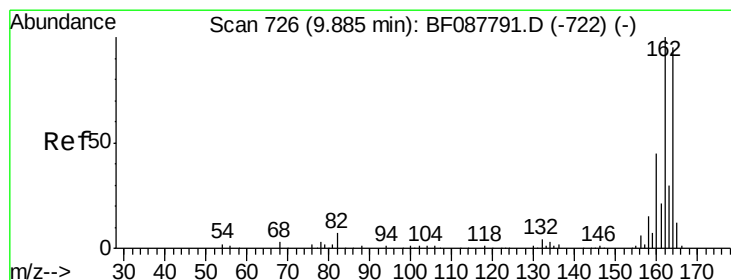
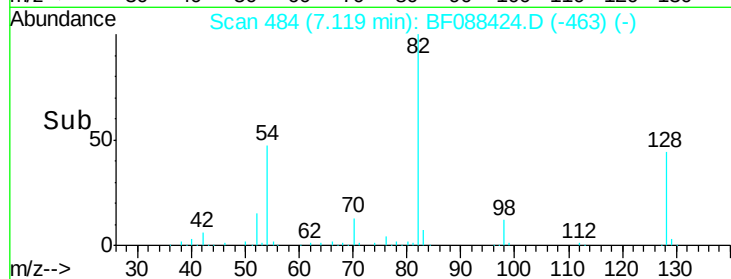
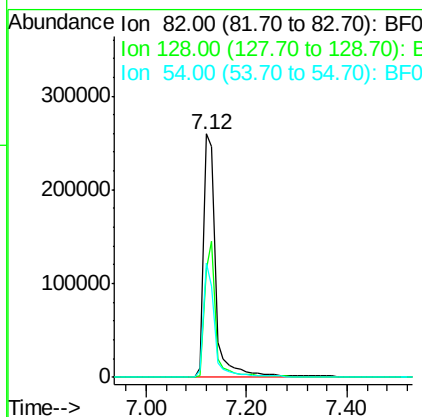
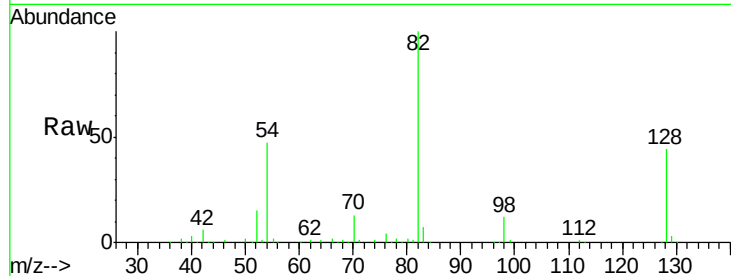
#23
 Nitrobenzene-d5
 Concen: 84.89 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.06 min
 Lab File: BF088424.D
 Acq: 26 Jun 2016 17:59

Instrument :
 BNA_F
 ClientSampled :
 TP-18

Tot Ion	82	Resp	443275
Ion Ratio	100	Lower	Upper
82	100		
128	44.1	35.9	53.9
54	47.2	40.9	61.3

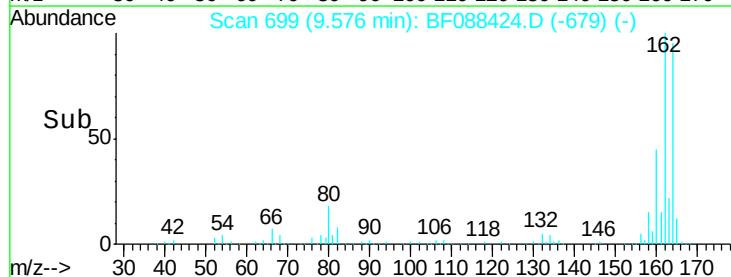
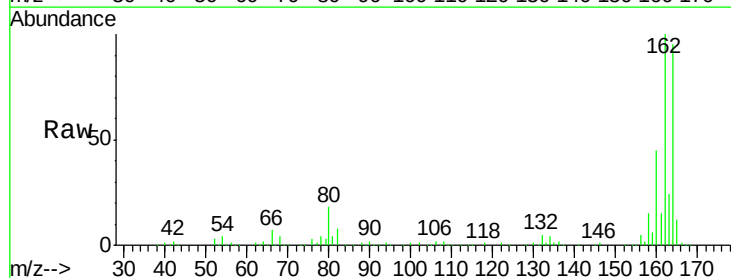
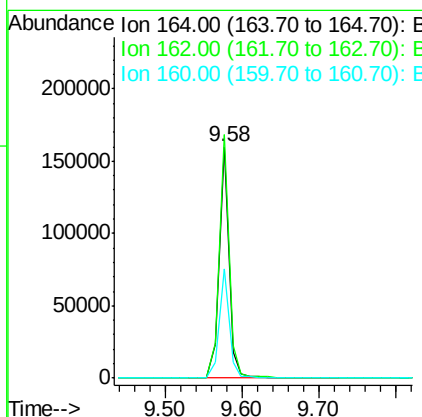
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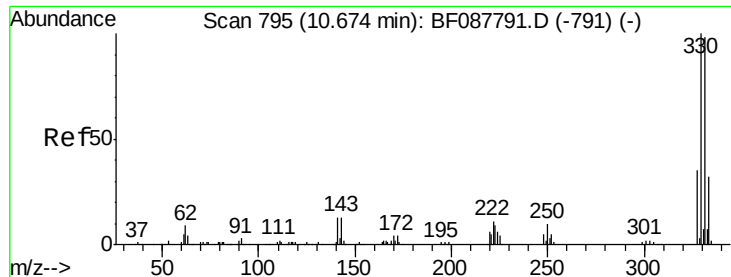
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.07 min
 Lab File: BF088424.D
 Acq: 26 Jun 2016 17:59

Tgt Ion	164	Resp	143472
Ion Ratio	100	Lower	Upper
164	100		
162	105.2	85.4	128.2
160	47.1	39.5	59.3





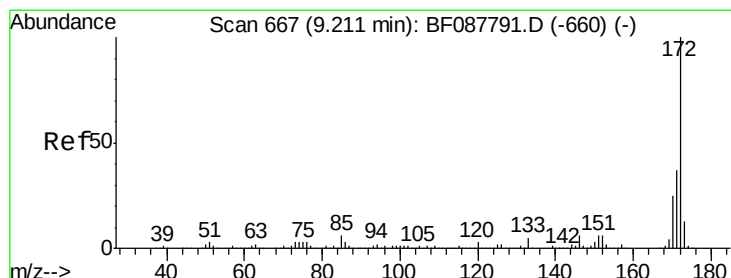
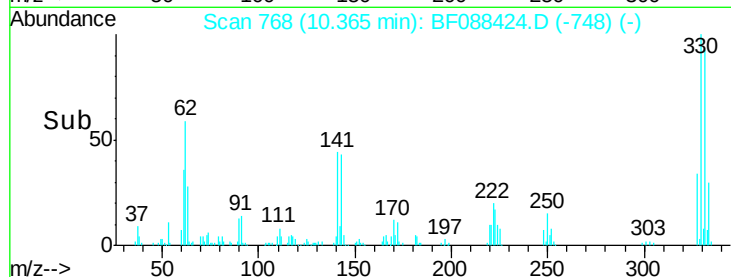
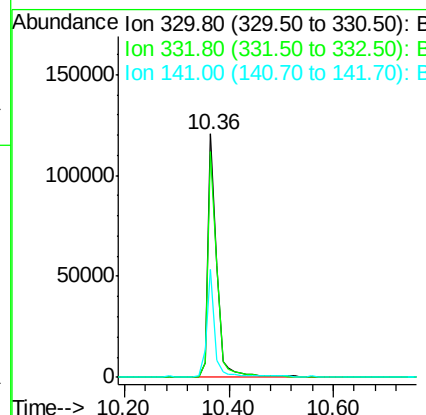
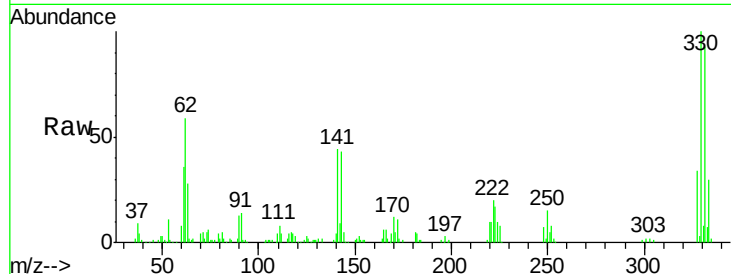
#41
 2,4,6-Tribromophenol
 Concen: 95.81 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088424.D
 Acq: 26 Jun 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	40.3	0.0	0.0#

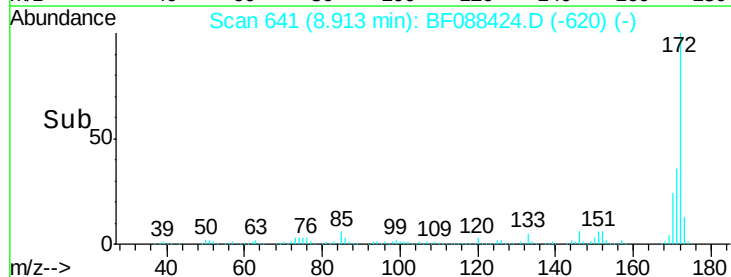
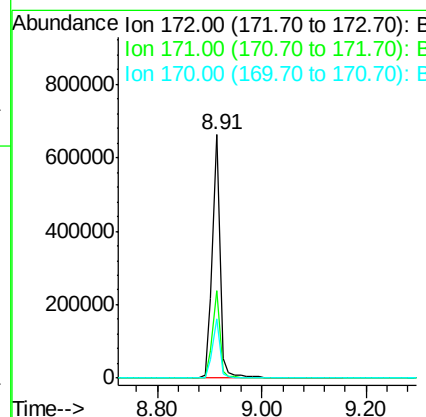
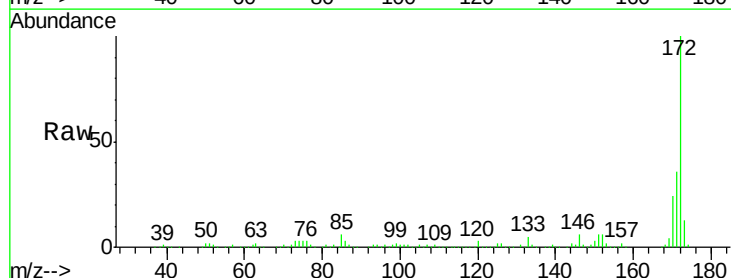
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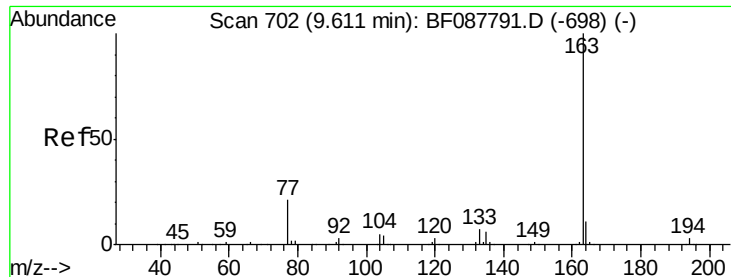
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#44
 2-Fluorobiphenyl
 Concen: 75.09 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088424.D
 Acq: 26 Jun 2016 17:59

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.4	19.2	28.8





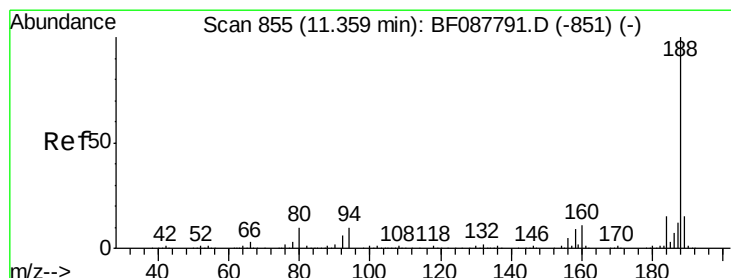
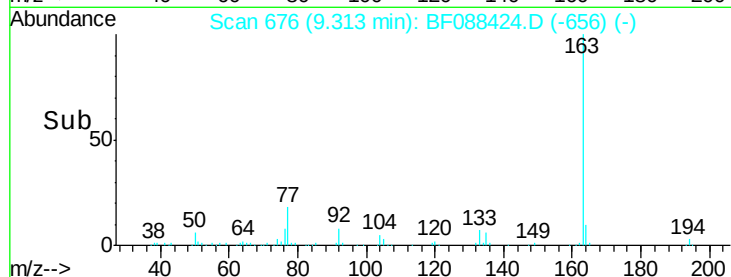
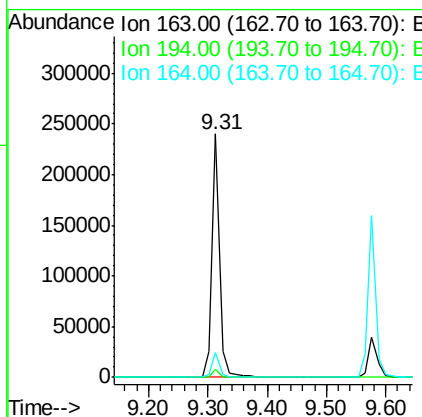
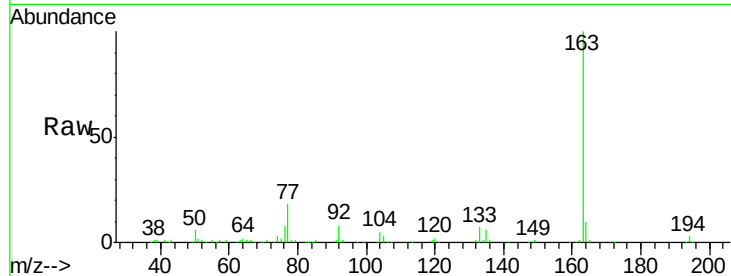
#49
Dimethylphthalate
Concen: 20.29 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.1	8.3	12.5

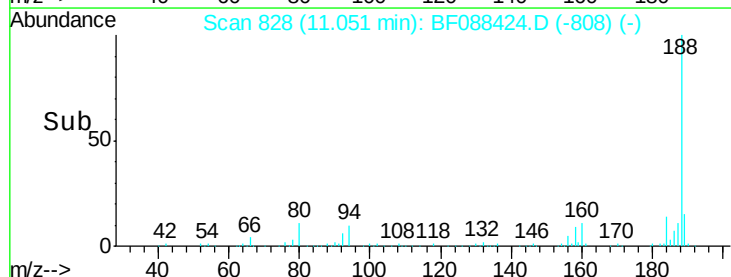
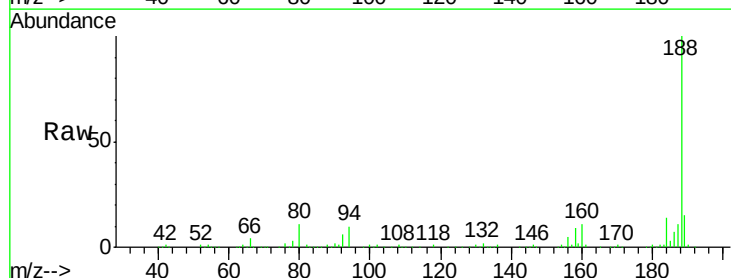
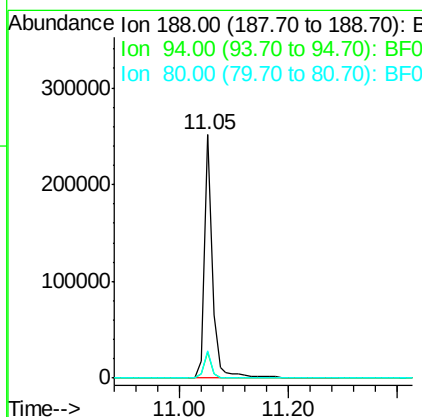
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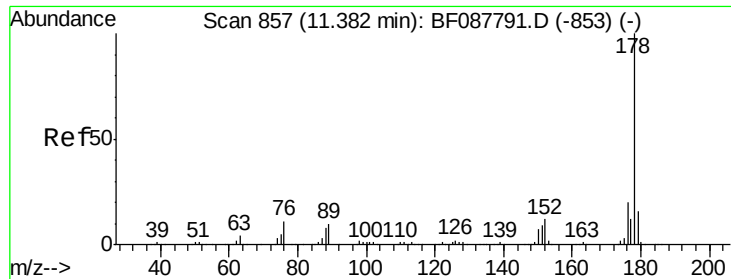
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.6
80	11.1	10.0	15.0





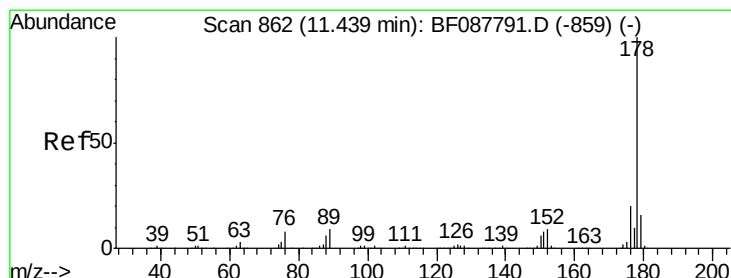
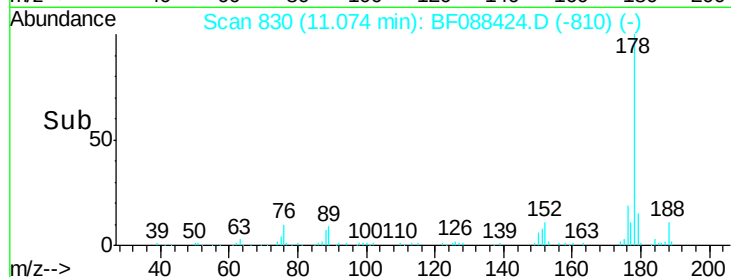
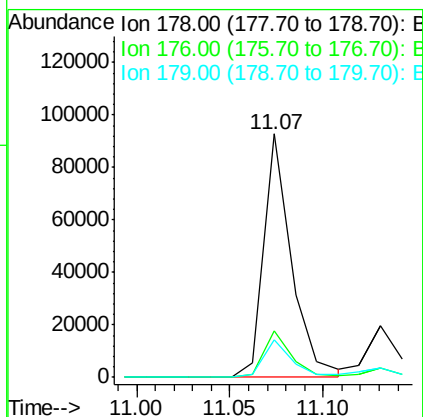
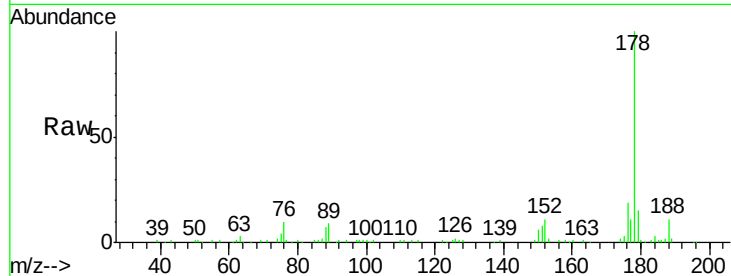
#70
Phenanthrene
Concen: 7.09 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.07 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Instrument :
BNA_F
ClientSampleId :
TP-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.4	13.0	19.4

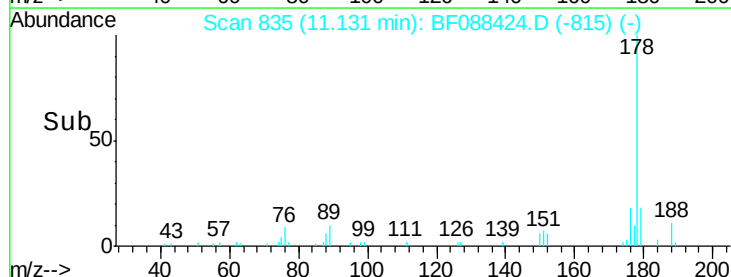
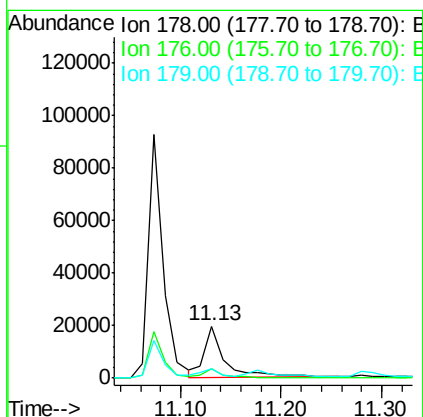
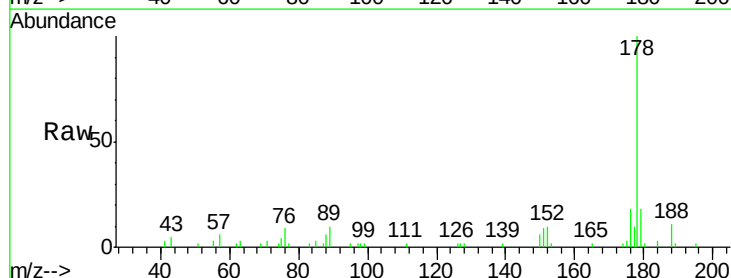
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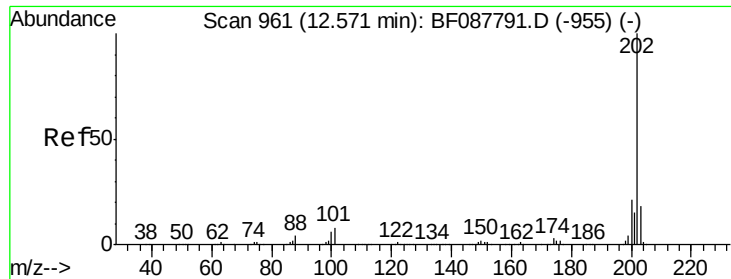
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#71
Anthracene
Concen: 2.07 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	17.8	12.8	19.2





#74

Fluoranthene

Concen: 13.94 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088424.D

Acq: 26 Jun 2016 17:59

Instrument :

BNA_F

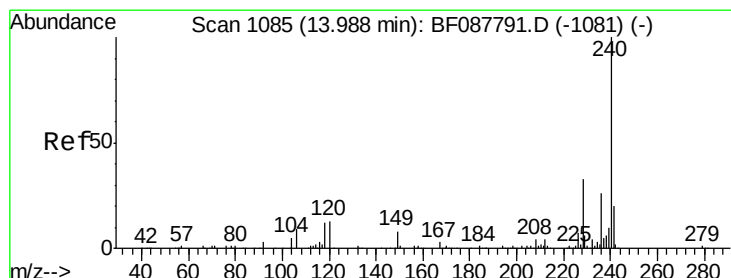
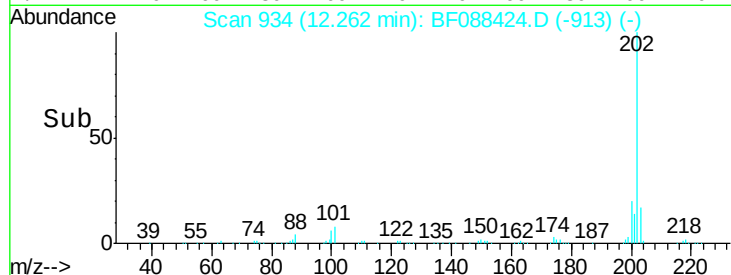
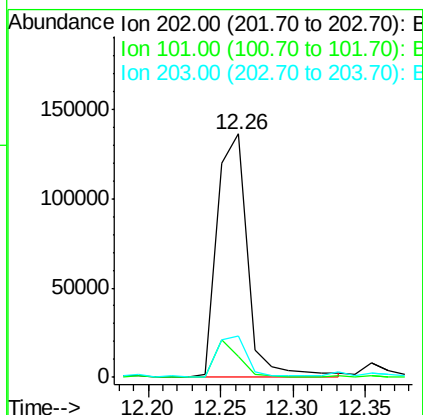
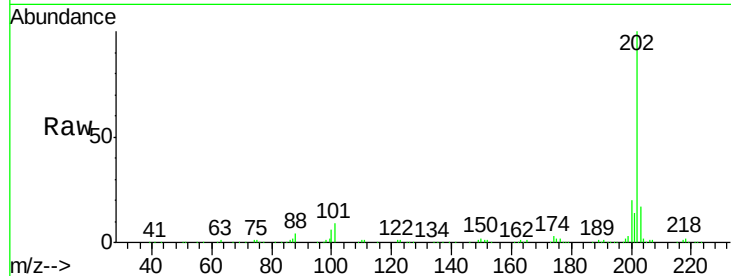
ClientSampled :

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Tot Ion:	202	Resp:	198372
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	33.1
203	17.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

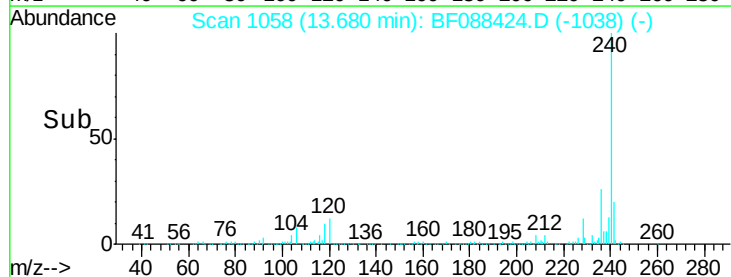
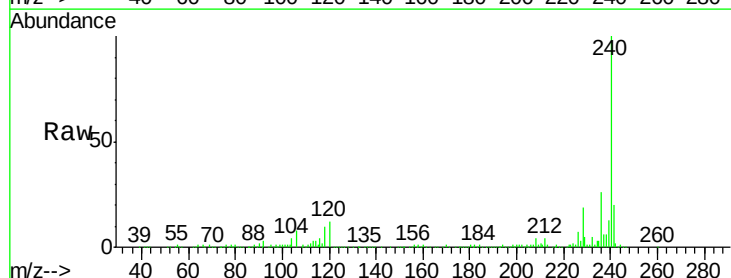
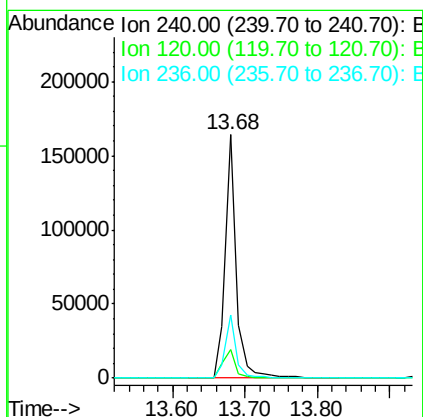
RT: 13.68 min Scan# 1058

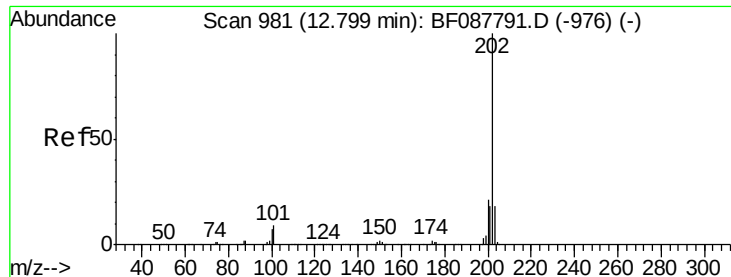
Delta R.T. -0.07 min

Lab File: BF088424.D

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Tgt Ion:	240	Resp:	176846
Ion Ratio	Lower	Upper	
240	100		
120	11.8	6.8	10.2#
236	25.8	20.2	30.2





#77

Pvrene

Concen: 14.08 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF088424.D

Acq: 26 Jun 2016 17:59

Instrument :

BNA_F

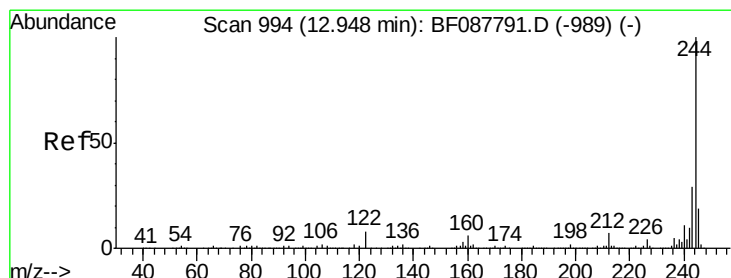
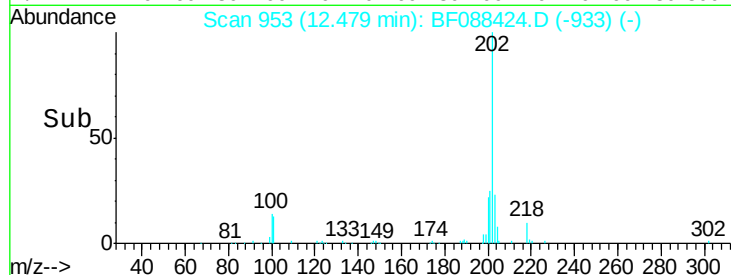
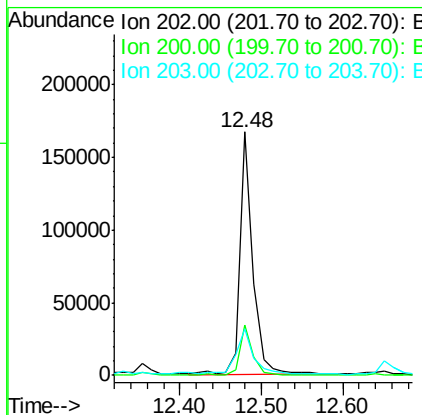
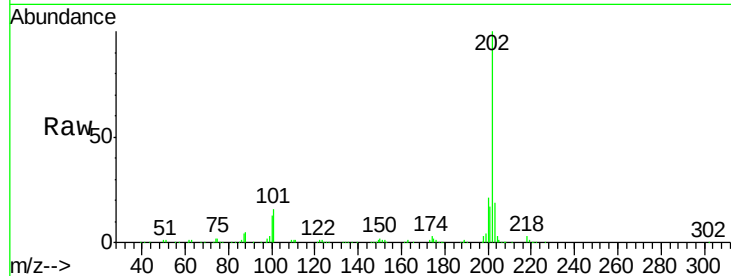
ClientSampleId :

TP-18

Tot Ion:	202	Resp:	184824
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.4	26.2
203	19.1	14.5	21.7

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#78

Terphenyl-d14

Concen: 65.06 ng

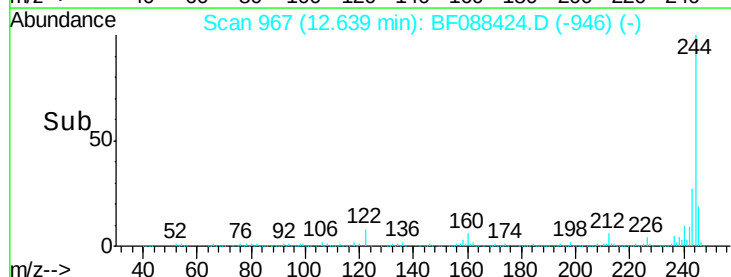
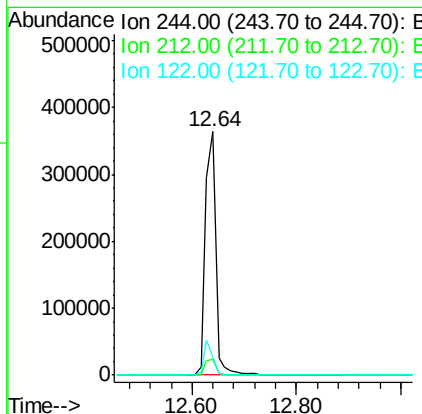
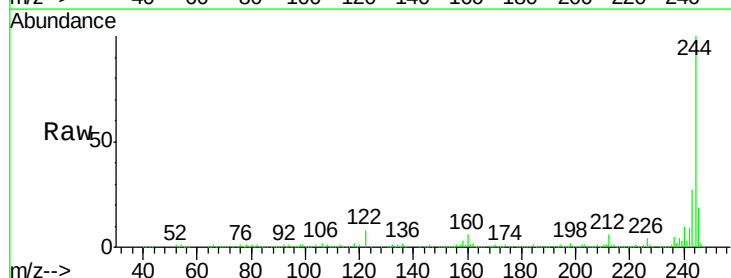
RT: 12.64 min Scan# 967

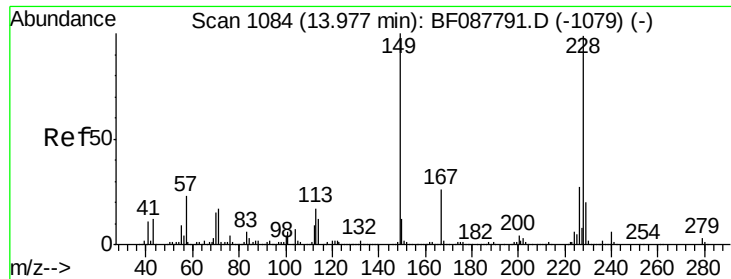
Delta R.T. -0.06 min

Lab File: BF088424.D

Acq: 26 Jun 2016 17:59

Tgt Ion:	244	Resp:	505654
Ion Ratio		Lower	Upper
244	100		
212	6.4	6.0	9.0
122	7.8	11.2	16.8





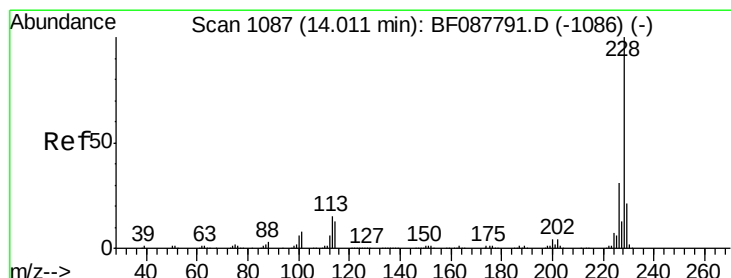
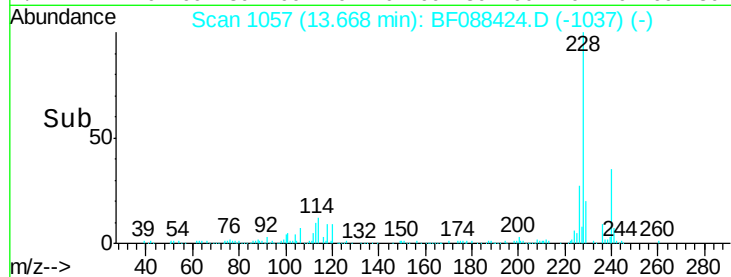
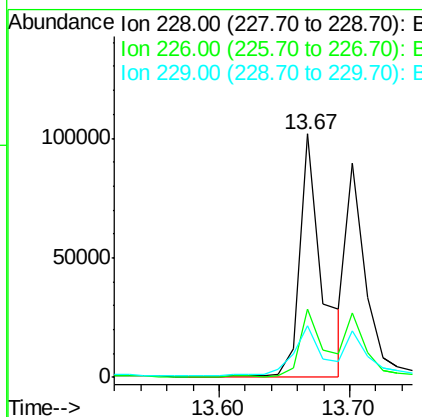
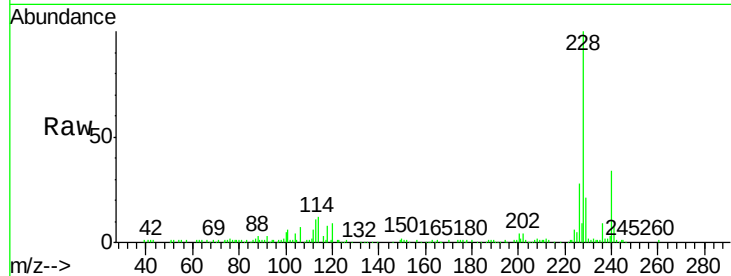
#80
Benzo(a)anthracene
Concen: 11.84 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Instrument :
BNA_F
ClientSampled :
TP-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	21.2	16.0	24.0

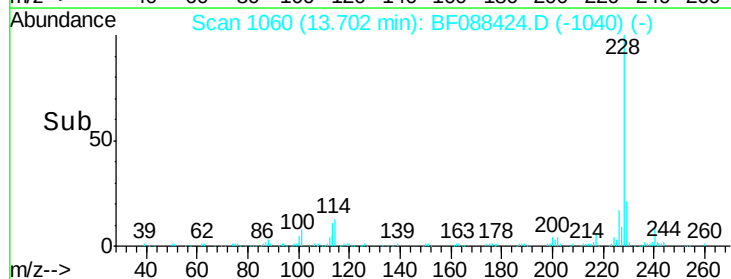
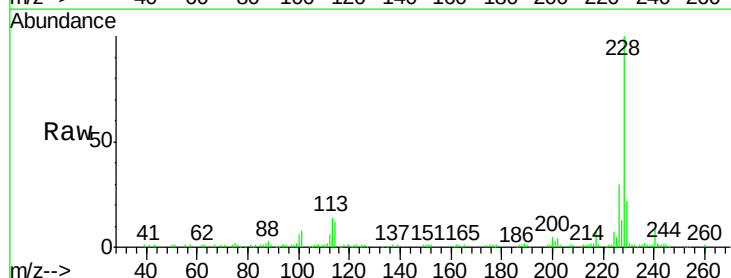
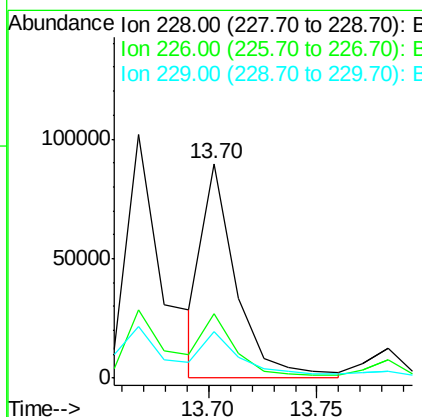
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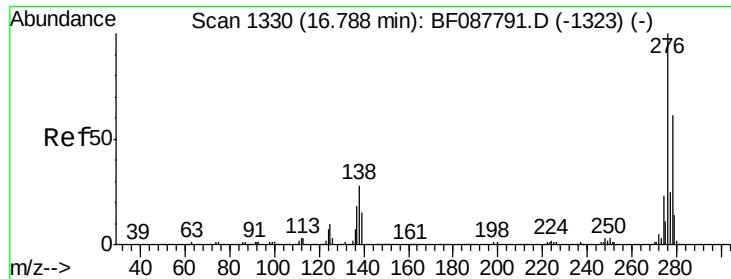
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#82
Chrysene
Concen: 10.02 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	21.8	16.3	24.5





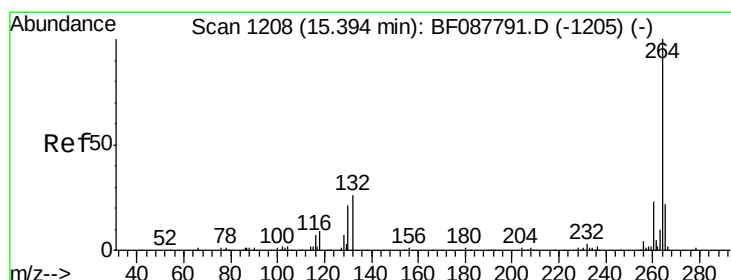
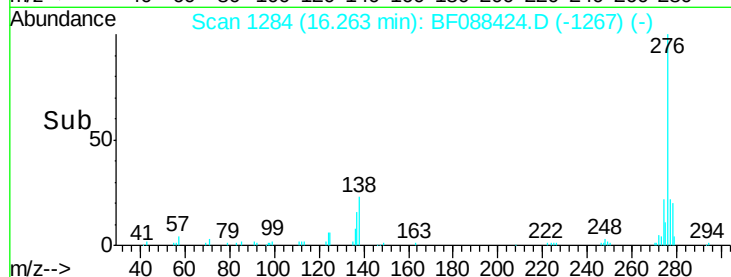
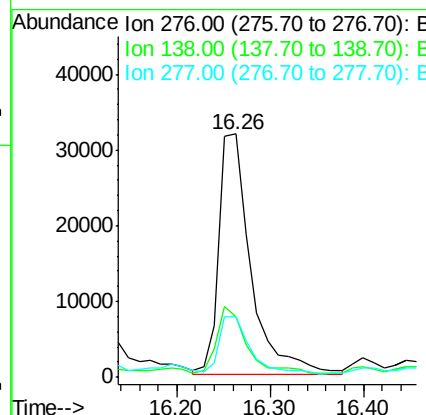
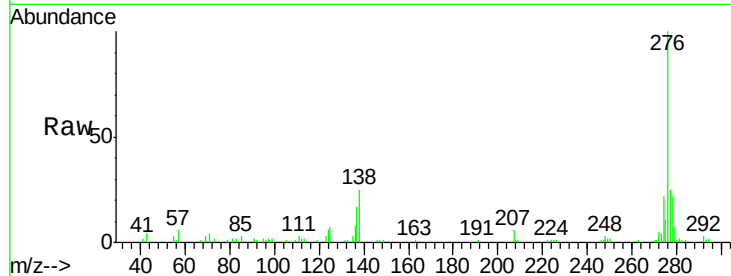
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.60 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Instrument :
BNA_F
ClientSampleId :
TP-18

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	0.0	0.0#
277	23.2	0.0	0.0#

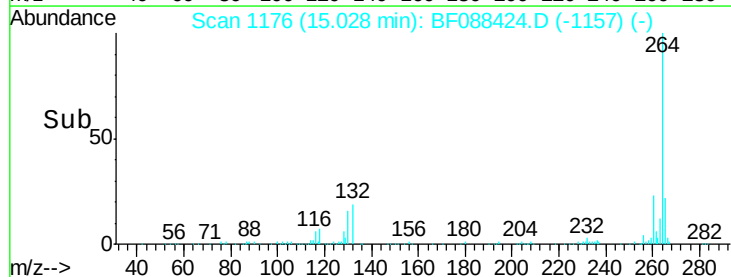
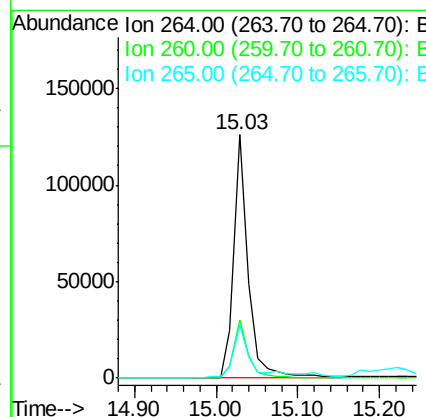
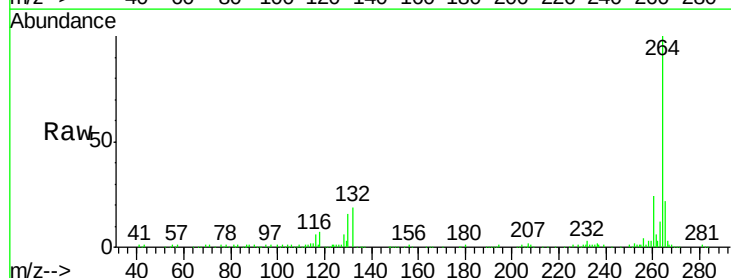
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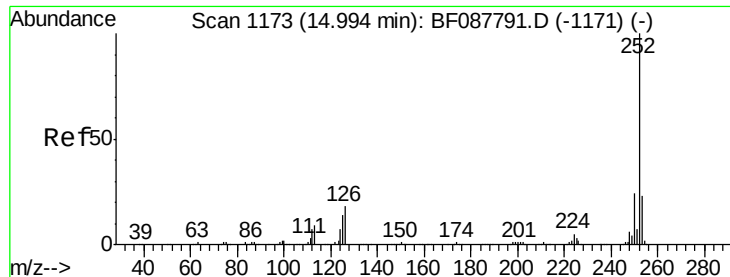
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 14.33 ng m

RT: 14.67 min Scan# 1145

Delta R.T. -0.07 min

Lab File: BF088424.D

Acq: 26 Jun 2016 17:59

Instrument :

BNA_F

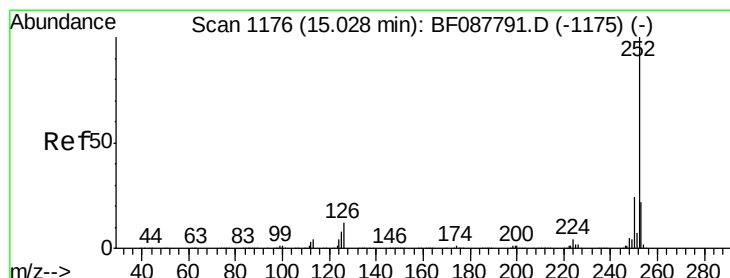
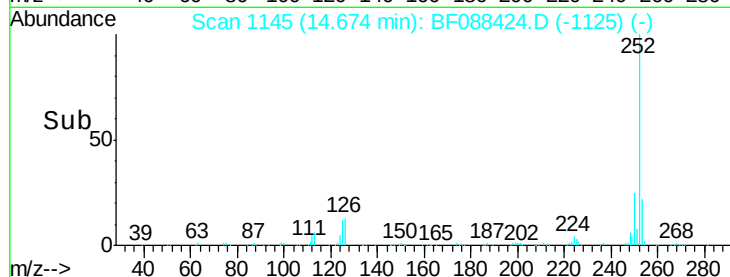
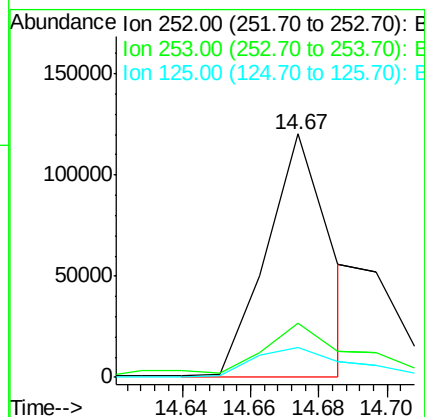
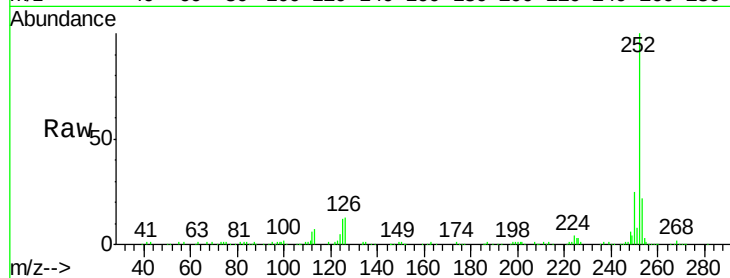
ClientSampleId :

TP-18

Tot Ion:	252	Resp:	156215
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	12.4	7.1	10.7#

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#88

Benzo(k)fluoranthene

Concen: 6.59 ng m

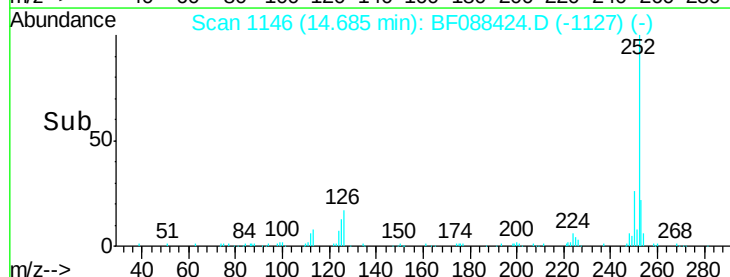
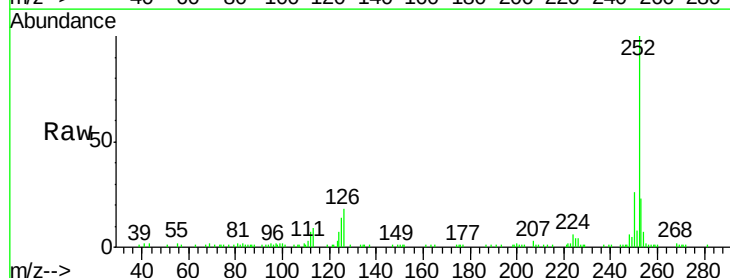
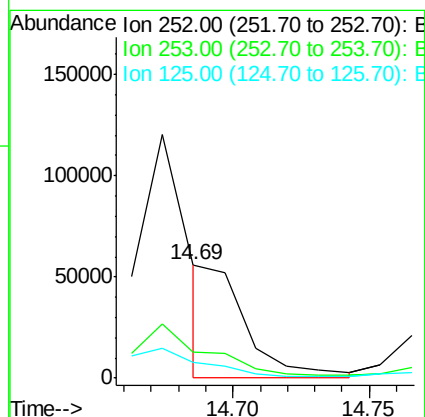
RT: 14.69 min Scan# 1146

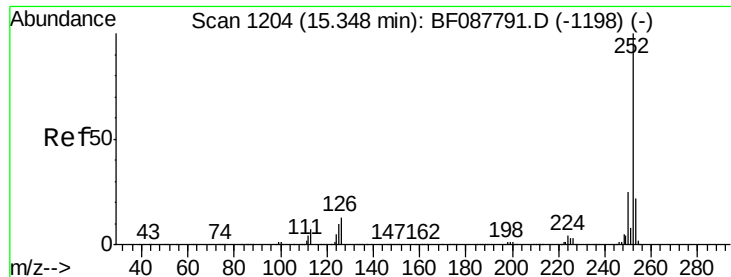
Delta R.T. -0.08 min

Lab File: BF088424.D

Acq: 26 Jun 2016 17:59

Tgt Ion:	252	Resp:	54167
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	13.9	11.2	16.8





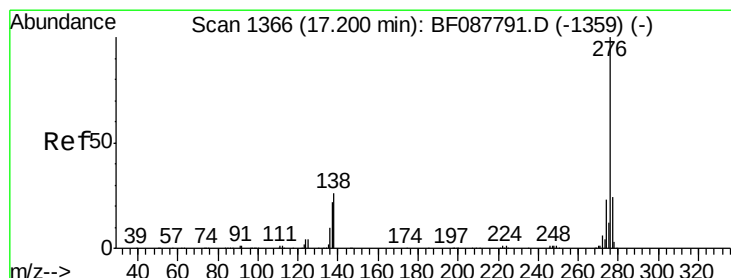
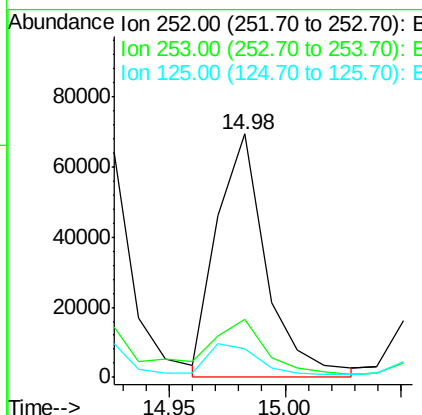
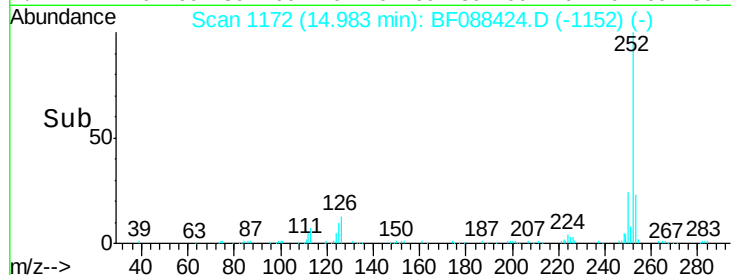
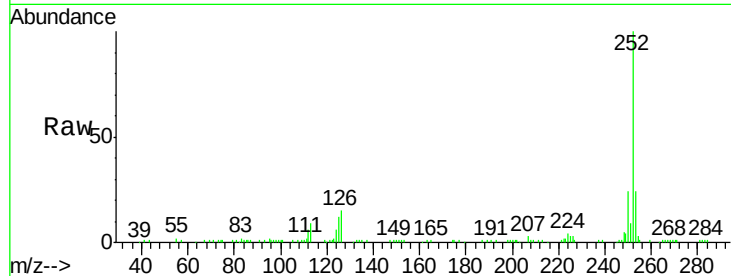
#89
Benzo(a)pyrene
Concen: 11.76 ng/ml
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Instrument :
BNA_F
ClientSampleId :
TP-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	11.5	12.5	18.7#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 8.66 ng/ml
RT: 16.62 min Scan# 1315
Delta R.T. -0.13 min
Lab File: BF088424.D
Acq: 26 Jun 2016 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.9	28.3
138	30.6	21.4	32.2

