

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088050.D
 Acq On : 15 Jun 2016 23:03
 Operator : UM/SJ
 Sample : H3471-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1045-(0-4)

Manual Integrations
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Quant Time: Jun 16 04:05:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	116920	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	437531	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	191941	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	291435	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	230491	20.00	ng	0.00
86) Perylene-d12	15.29	264	231011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	866914	126.76	ng	0.02
7) Phenol-d6	6.39	99	921413	111.17	ng	0.00
23) Nitrobenzene-d5	7.31	82	629714	84.04	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	186132	91.84	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	945827	76.88	ng	-0.01
78) Terphenyl-d14	12.85	244	618712	61.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	278367	20.02	ng	99
70) Phenanthrene	11.28	178	45063	2.95	ng	99
74) Fluoranthene	12.47	202	170809	10.58	ng	98
77) Pyrene	12.70	202	167693	9.80	ng	98
80) Benzo(a)anthracene	13.89	228	92871	7.07	ng	# 93
82) Chrysene	13.92	228	86613m	7.01	ng	
85) Indeno(1,2,3-cd)pyrene	16.62	276	38447	3.35	ng	# 100
87) Benzo(b)fluoranthene	14.90	252	129138m	8.02	ng	
88) Benzo(k)fluoranthene	14.93	252	39172m	3.23	ng	
89) Benzo(a)pyrene	15.23	252	67972	5.22	ng	96
91) Benzo(g,h,i)perylene	17.03	276	32336	2.60	ng	97

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

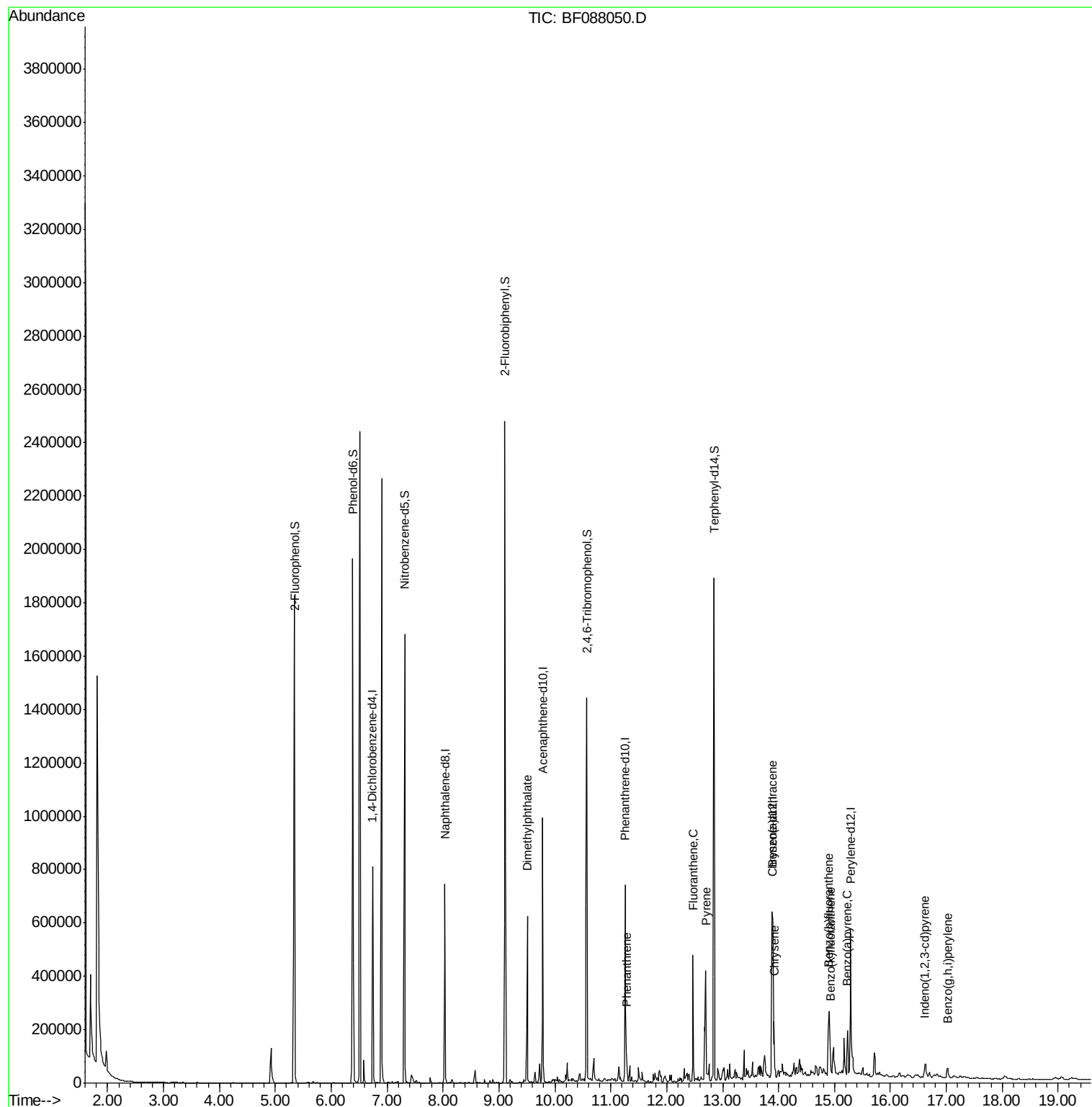
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088050.D
Acq On : 15 Jun 2016 23:03
Operator : UM/SJ
Sample : H3471-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

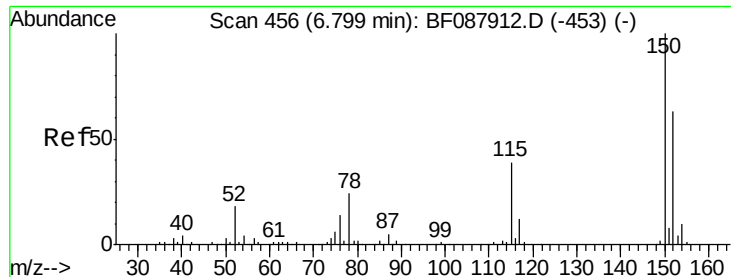
Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

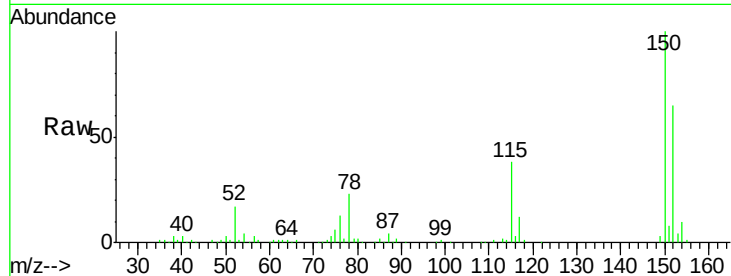
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

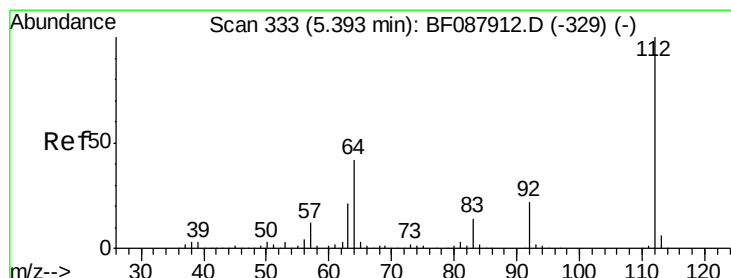
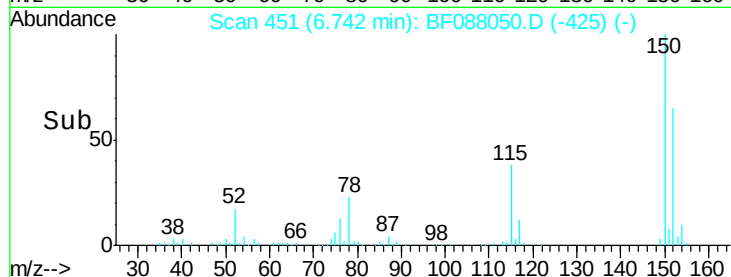
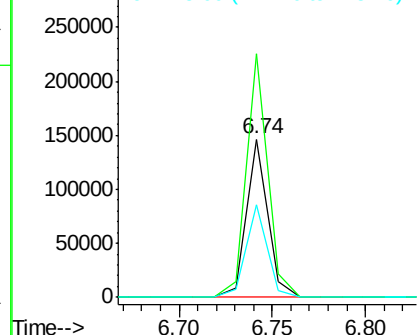
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	58.9	39.6	59.4

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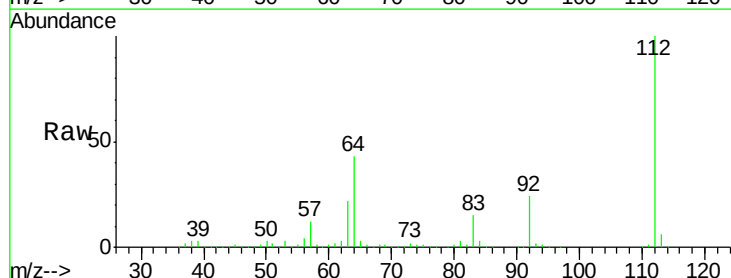
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



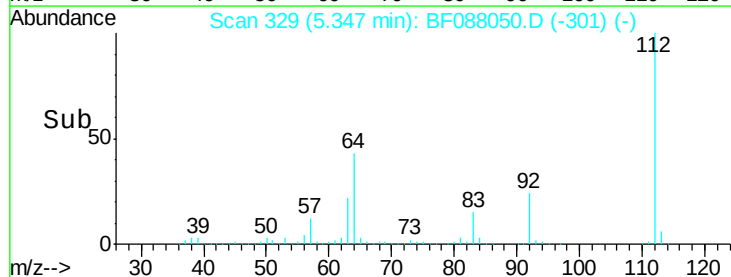
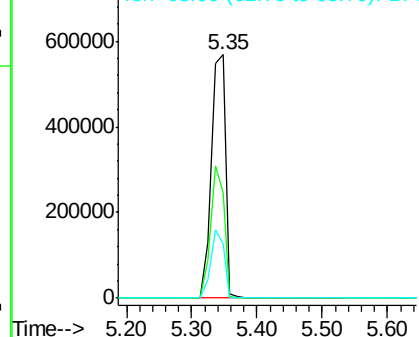
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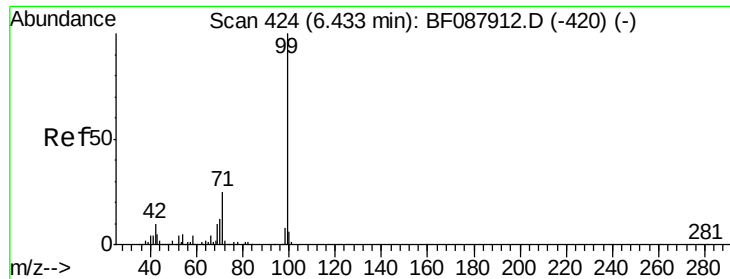
2-Fluorophenol
Concen: 126.76 ng
RT: 5.35 min Scan# 329
Delta R.T. 0.02 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.1	42.2	63.2
63	22.0	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: 111.17 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088050.D

Acq: 15 Jun 2016 23:03

Instrument :

BNA_F

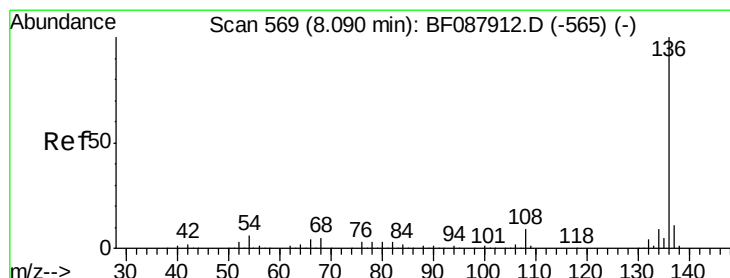
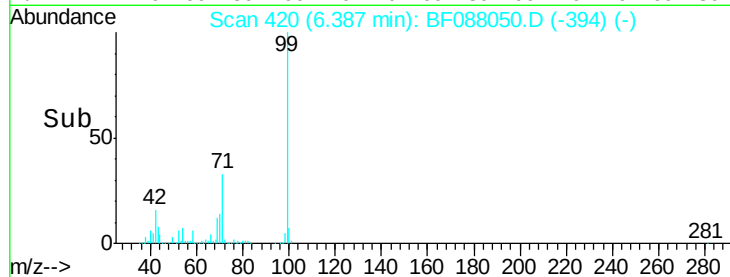
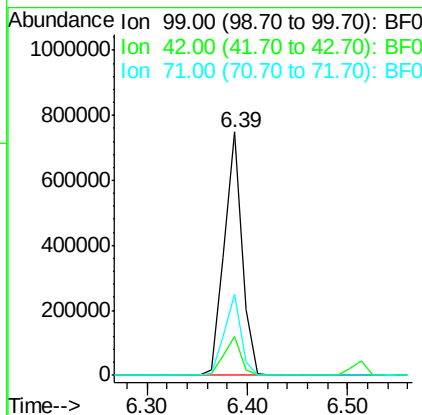
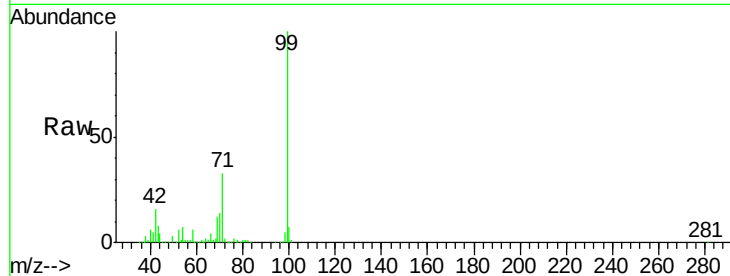
ClientSampleId :

STA-1045-(0-4)

Tot Ion:	99	Resp:	921413
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.2	18.2
71	33.3	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

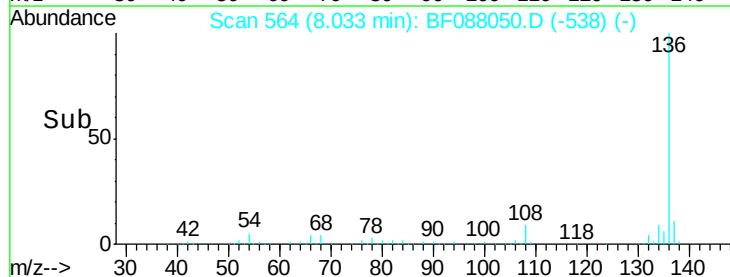
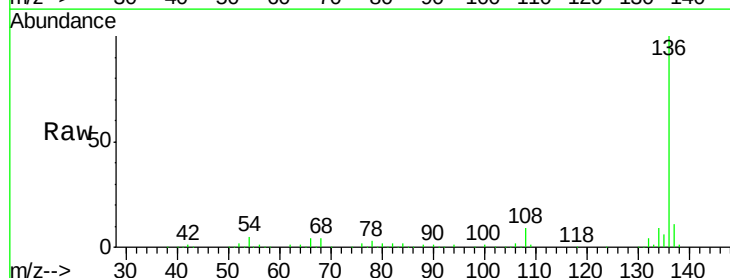
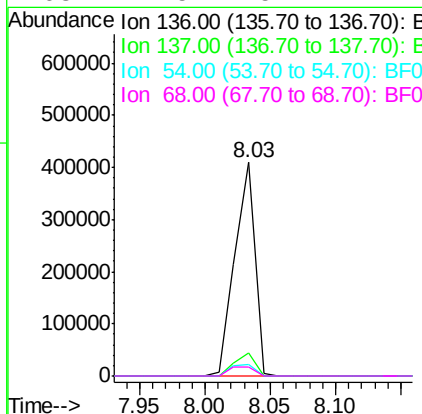
RT: 8.03 min Scan# 564

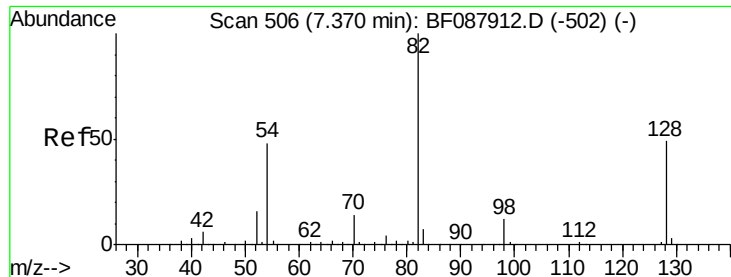
Delta R.T. 0.00 min

Lab File: BF088050.D

Acq: 15 Jun 2016 23:03

Tgt Ion:	136	Resp:	437531
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	5.2	6.6	10.0#
68	4.5	5.1	7.7#





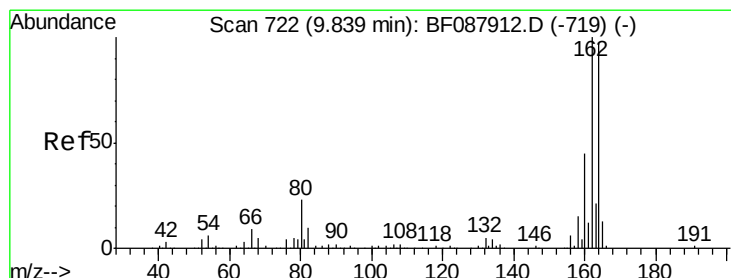
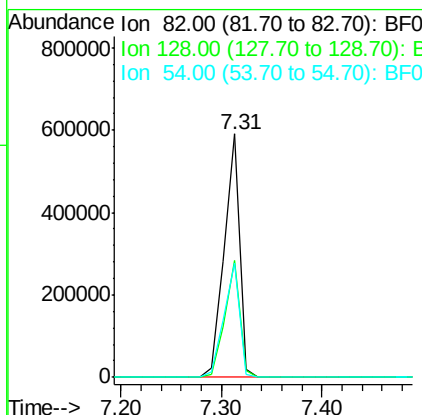
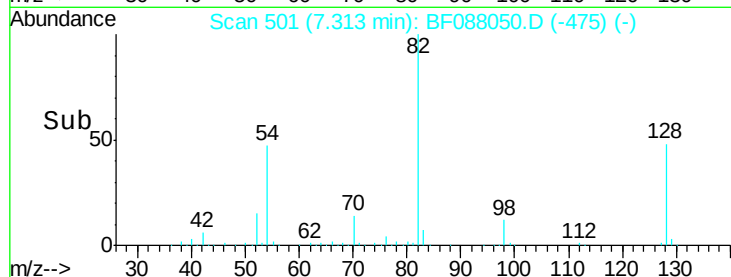
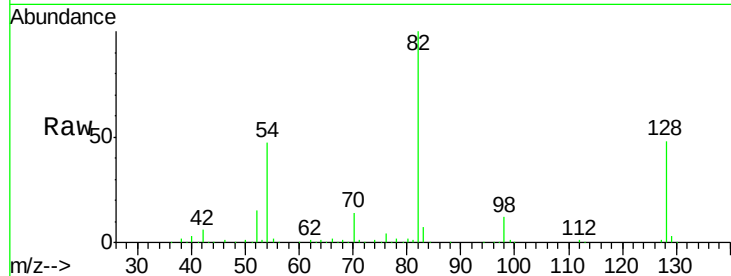
#23
 Nitrobenzene-d5
 Concen: 84.04 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088050.D
 Acq: 15 Jun 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 STA-1045-(0-4)

Tot Ion	82	Resp	629714
Ion Ratio	Lower	Upper	
82	100		
128	48.1	35.9	53.9
54	46.9	40.9	61.3

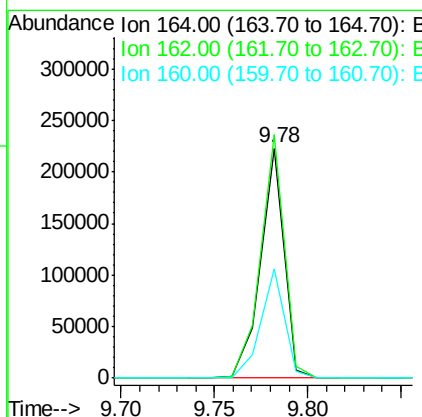
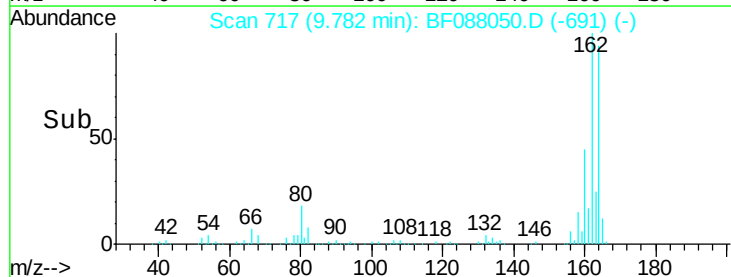
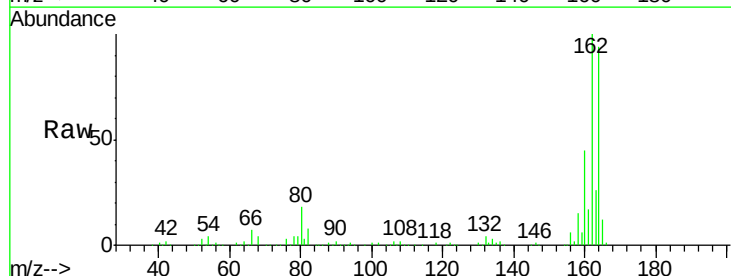
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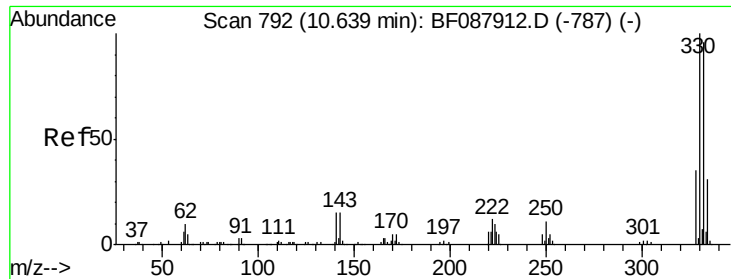
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088050.D
 Acq: 15 Jun 2016 23:03

Tgt Ion	164	Resp	191941
Ion Ratio	Lower	Upper	
164	100		
162	106.0	85.4	128.2
160	47.5	39.5	59.3





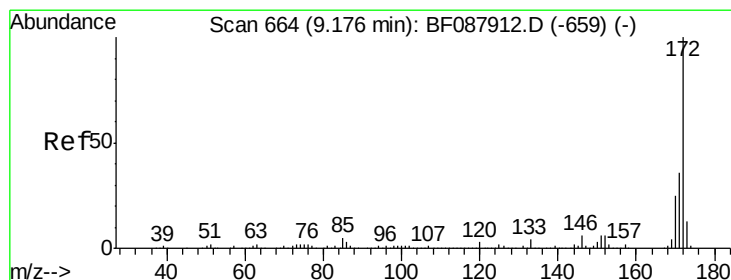
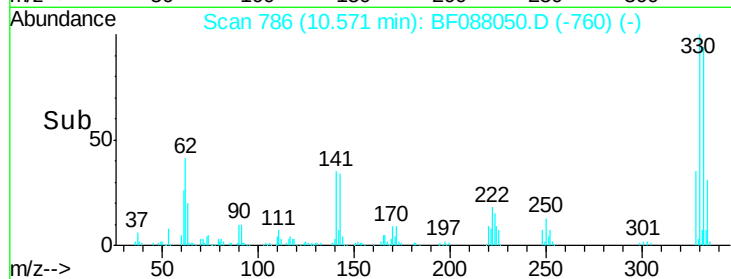
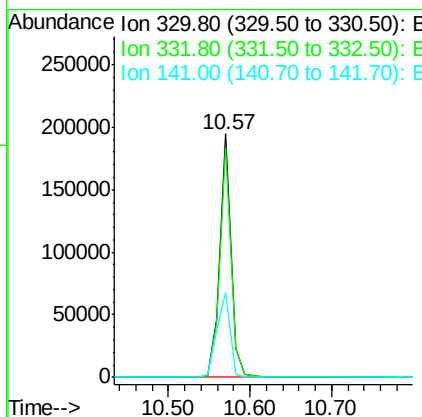
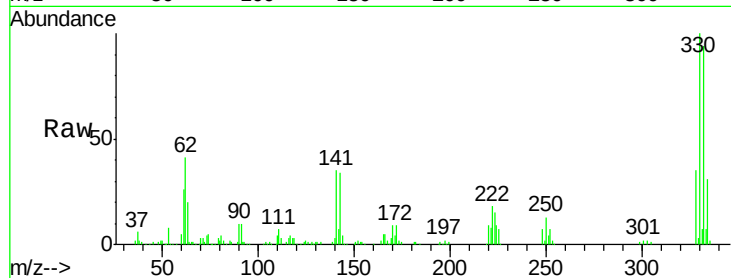
#41
 2,4,6-Tribromophenol
 Concen: 91.84 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088050.D
 Acq: 15 Jun 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 STA-1045-(0-4)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	41.3	0.0	0.0#

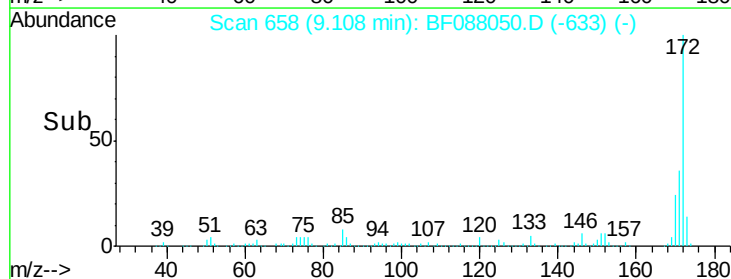
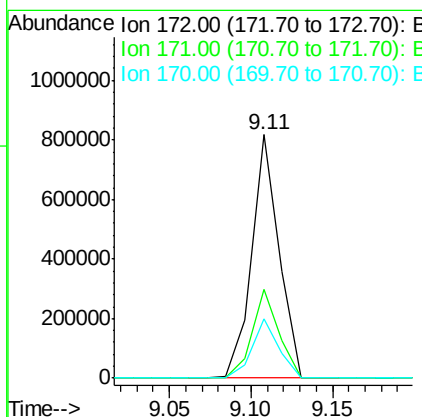
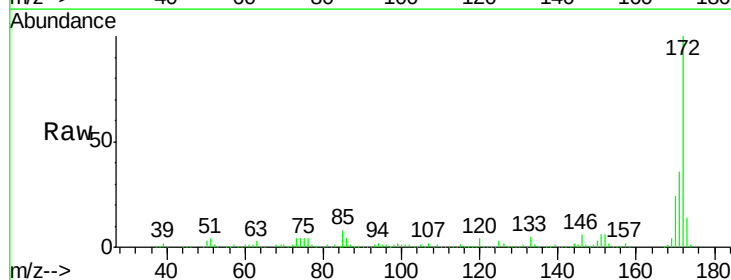
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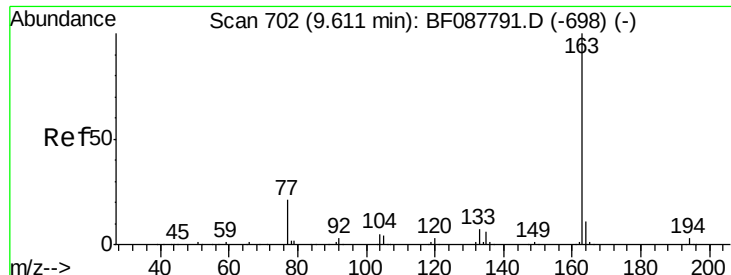
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#44
 2-Fluorobiphenyl
 Concen: 76.88 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088050.D
 Acq: 15 Jun 2016 23:03

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.2	19.2	28.8





#49

Dimethylphthalate

Concen: 20.02 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088050.D

Acq: 15 Jun 2016 23:03

Instrument :

BNA_F

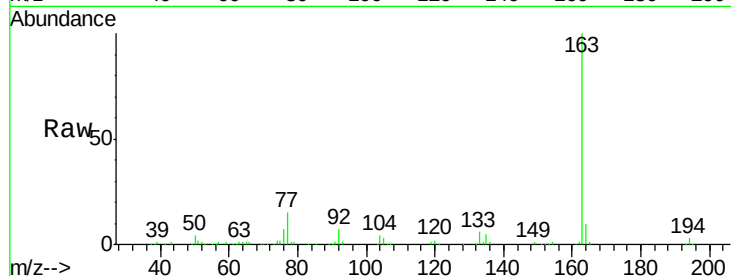
ClientSampleId :

STA-1045-(0-4)

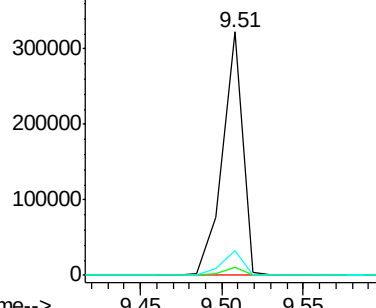
Tot Ion:	163	Resp:	278367
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.8	4.2
164	9.9	8.3	12.5

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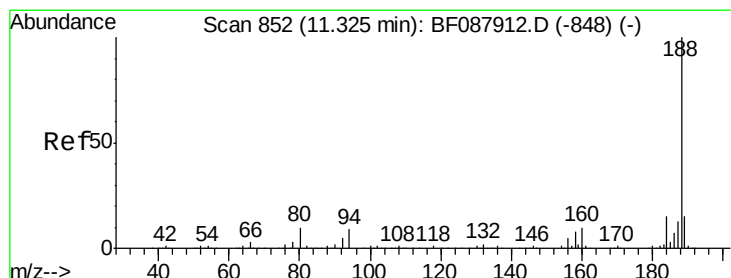
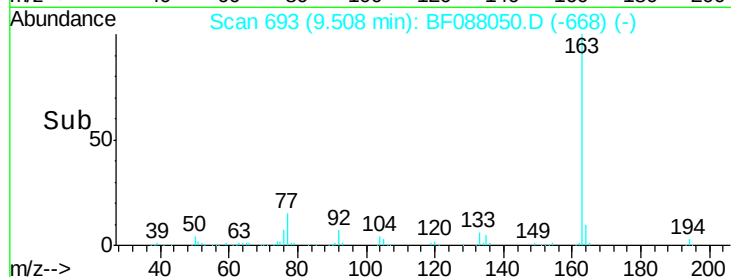
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

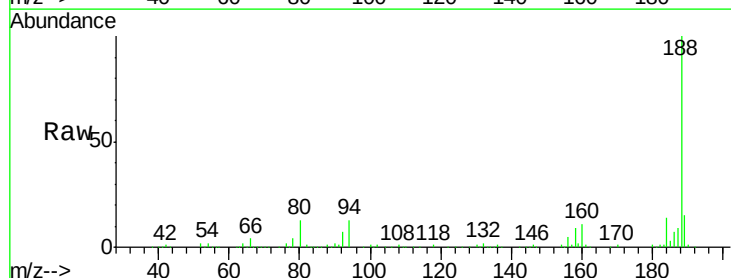
RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

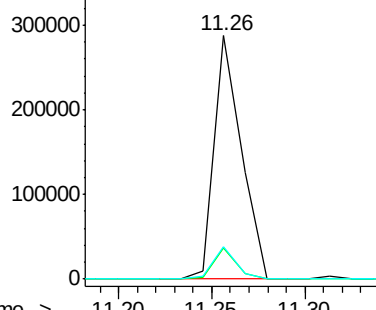
Lab File: BF088050.D

Acq: 15 Jun 2016 23:03

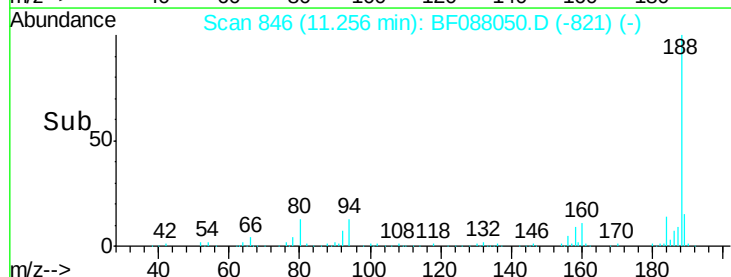
Tgt Ion:	188	Resp:	291435
Ion Ratio	Lower	Upper	
188	100		
94	12.6	9.0	13.6
80	13.3	10.0	15.0

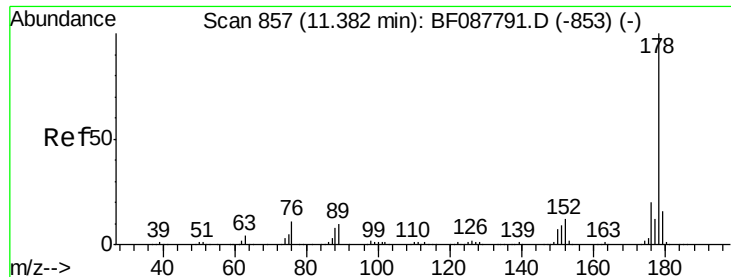


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time-->





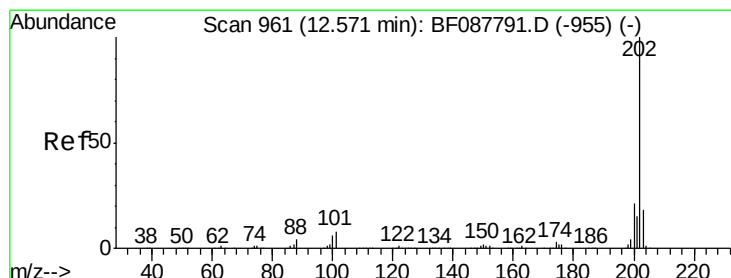
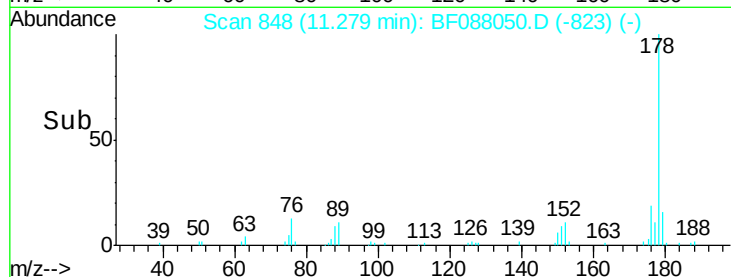
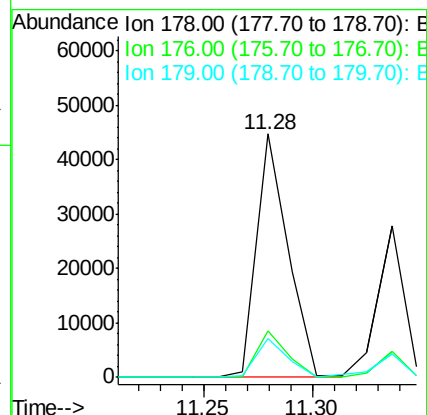
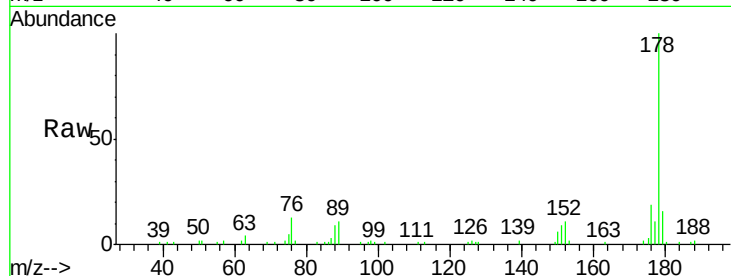
#70
Phenanthrene
Concen: 2.95 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.7	13.0	19.4

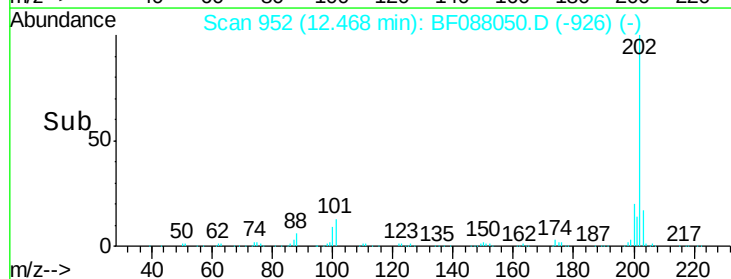
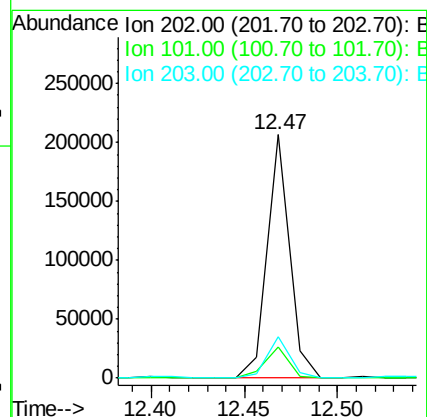
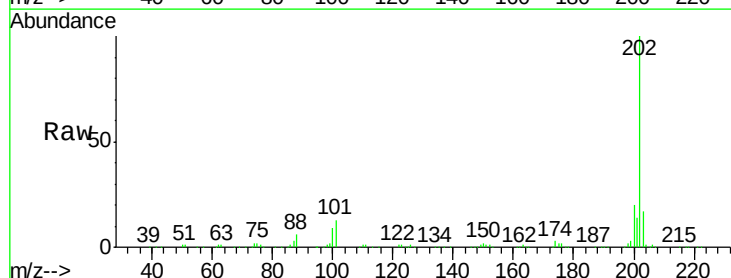
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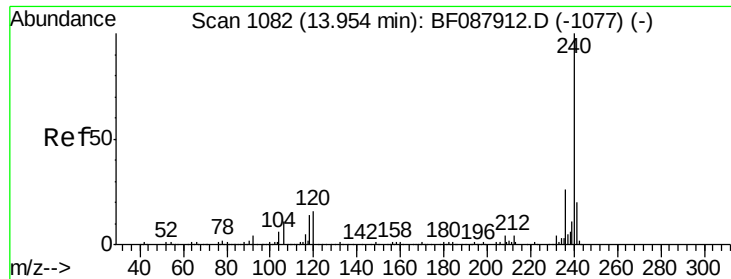
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#74
Fluoranthene
Concen: 10.58 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.1
203	17.2	0.0	38.1





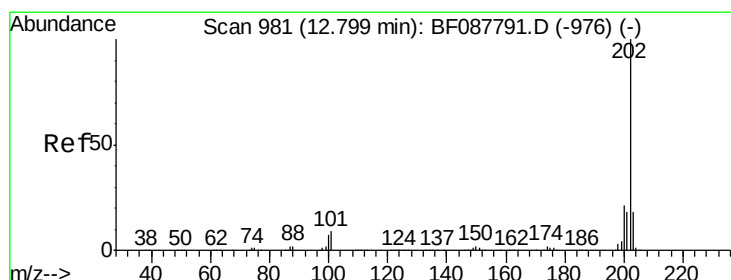
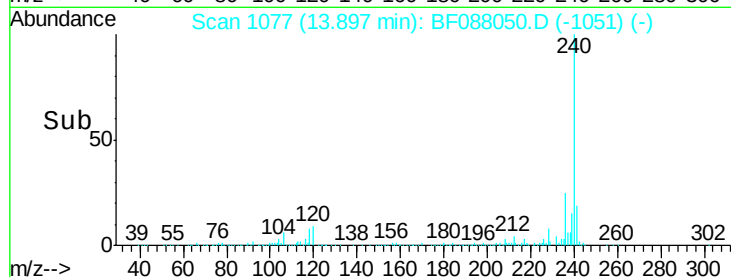
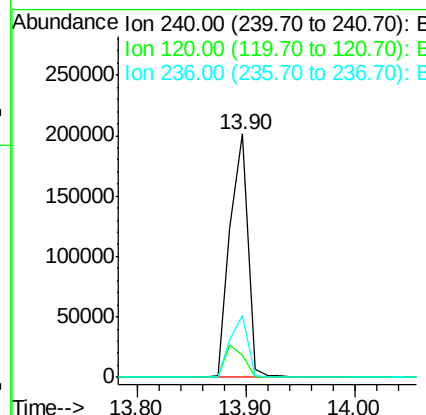
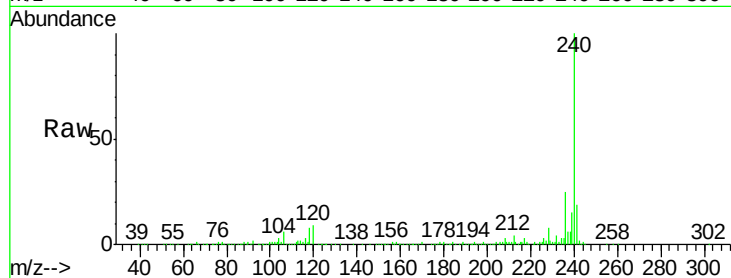
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	230491		
120	8.9	6.8	10.2	
236	25.3	20.2	30.2	

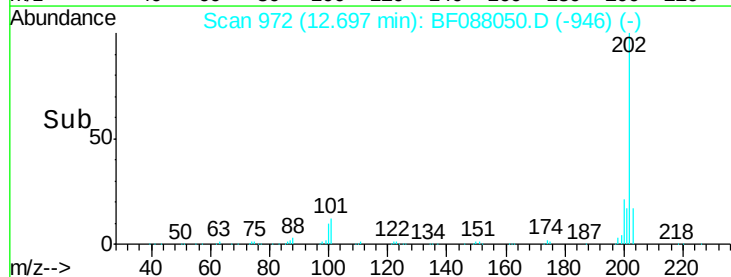
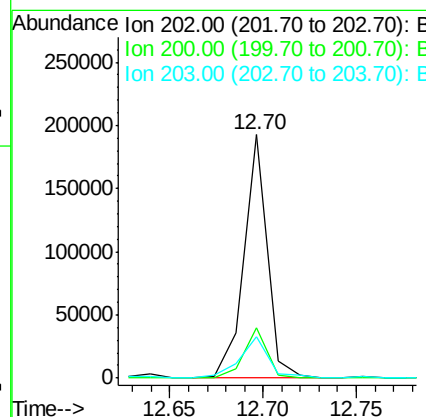
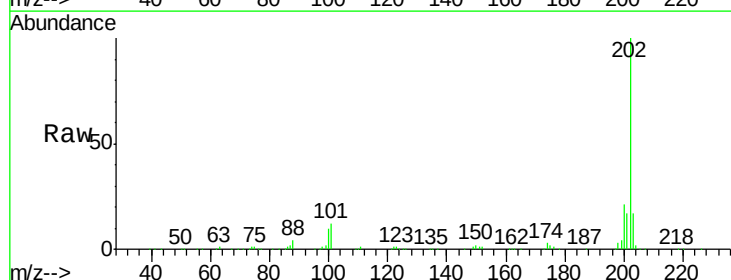
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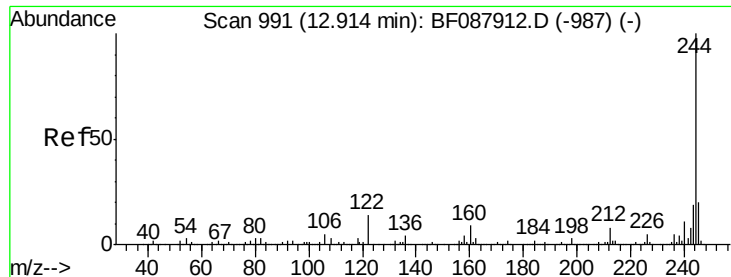
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#77
Pyrene
Concen: 9.80 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	167693		
200	20.6	17.4	26.2	
203	17.2	14.5	21.7	





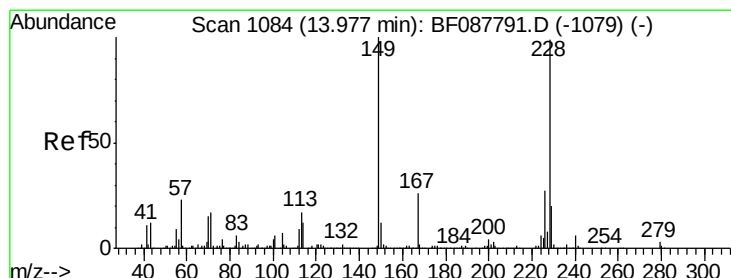
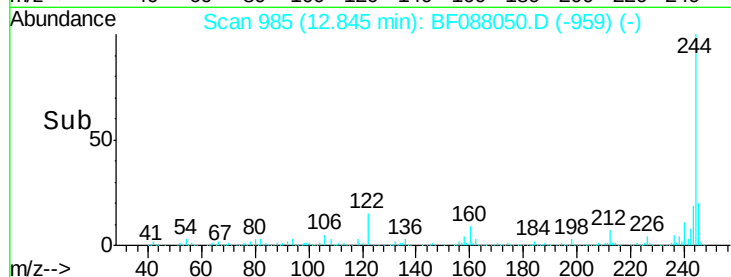
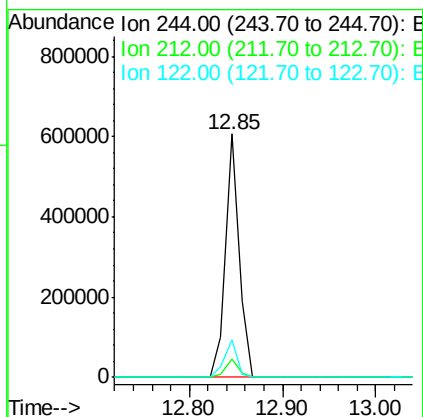
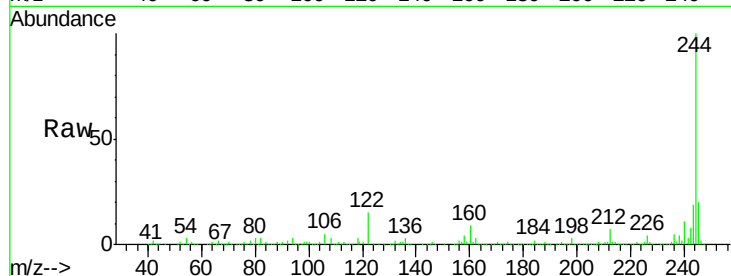
#78
 Terphenyl-d14
 Concen: 61.08 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088050.D
 Acq: 15 Jun 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 STA-1045-(0-4)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	15.2	11.2	16.8

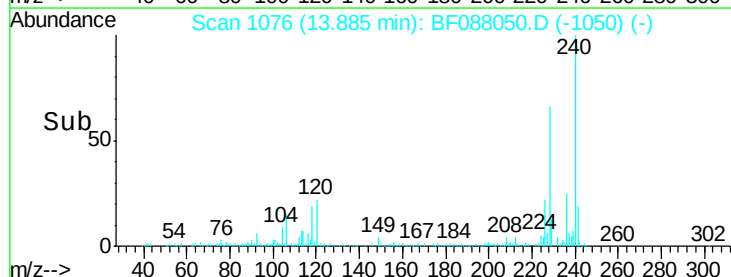
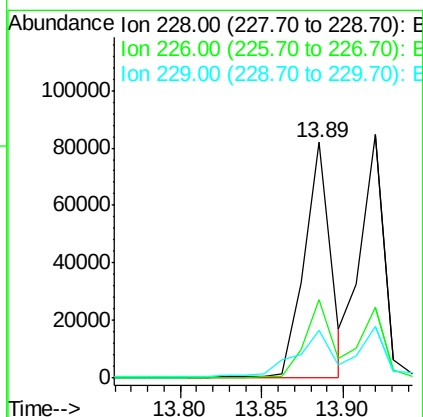
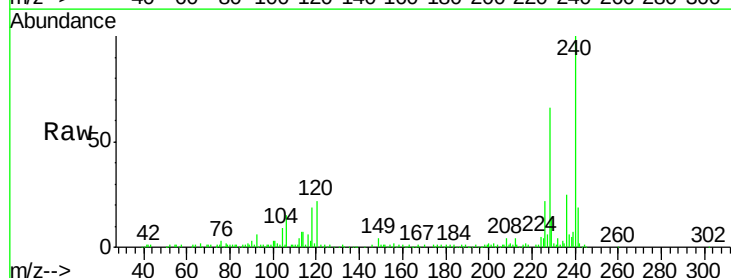
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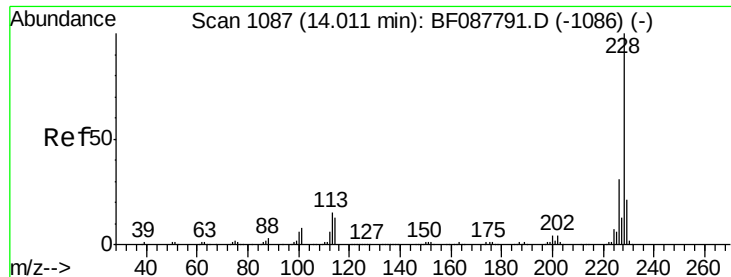
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#80
 Benzo(a)anthracene
 Concen: 7.07 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088050.D
 Acq: 15 Jun 2016 23:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.3	33.5#
229	20.5	16.0	24.0





#82

Chrysene

Concen: 7.01 ng/mL

RT: 13.92 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF088050.D

Acq: 15 Jun 2016 23:03

Instrument:

BNA_F

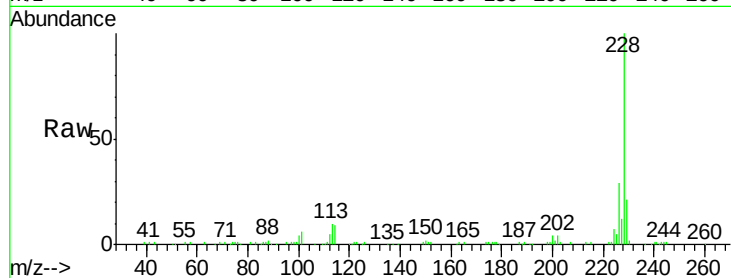
ClientSampleID:

STA-1045-(0-4)

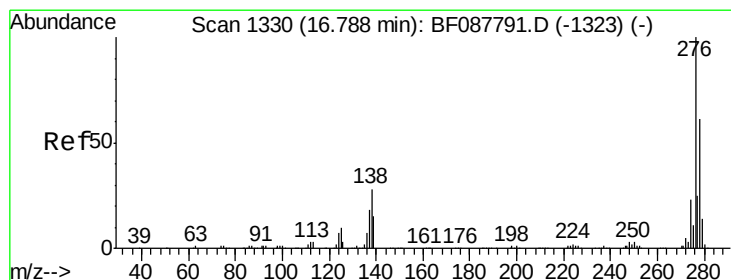
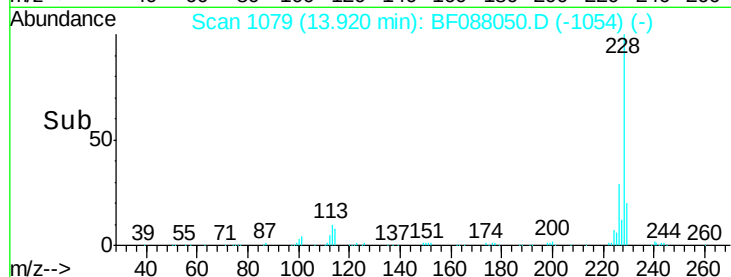
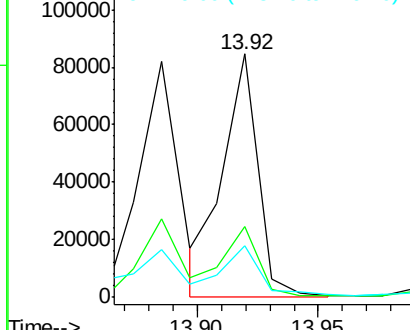
Tot Ion:	228	Resp:	86613
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.4	38.2
229	21.1	16.3	24.5

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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.35 ng/mL

RT: 16.62 min Scan# 1315

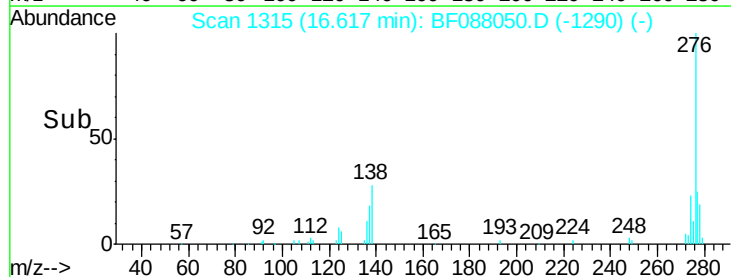
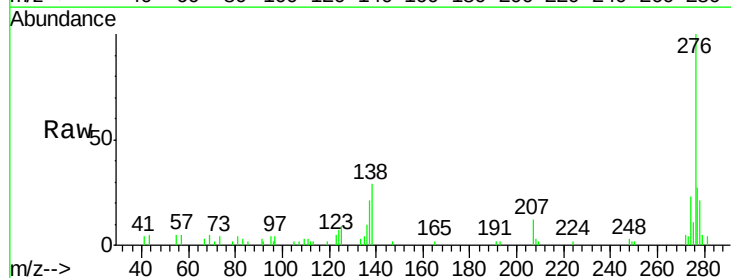
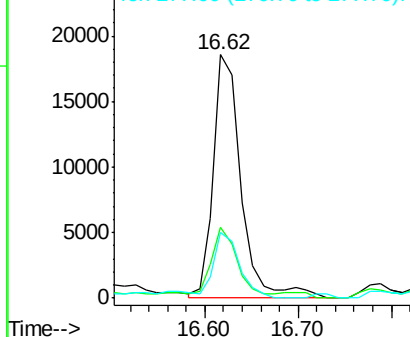
Delta R.T. -0.01 min

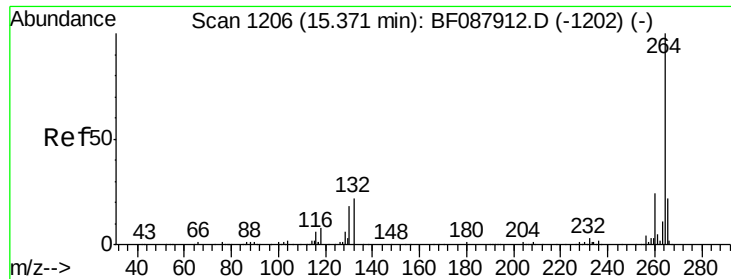
Lab File: BF088050.D

Acq: 15 Jun 2016 23:03

Tgt Ion:	276	Resp:	38447
Ion Ratio	Lower	Upper	
276	100		
138	23.7	0.0	0.0#
277	25.5	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





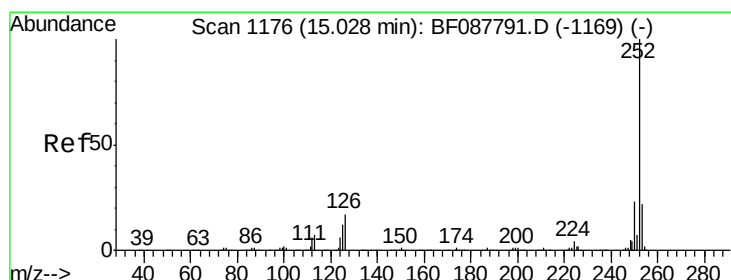
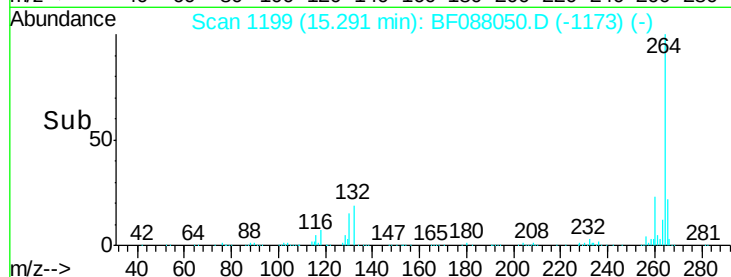
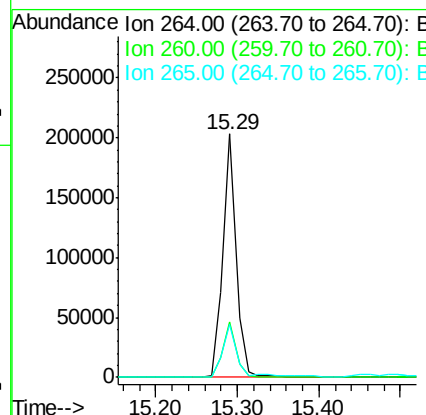
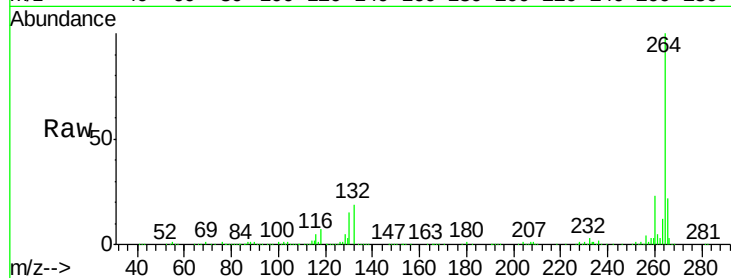
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	16.9	25.3

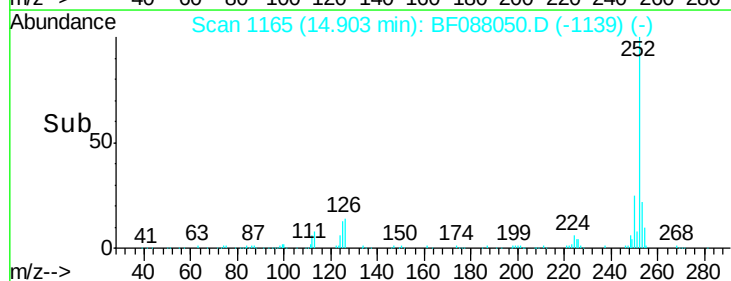
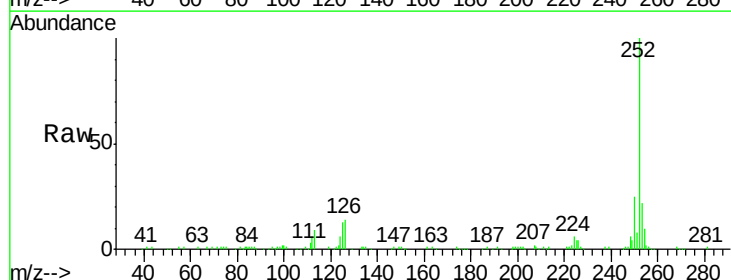
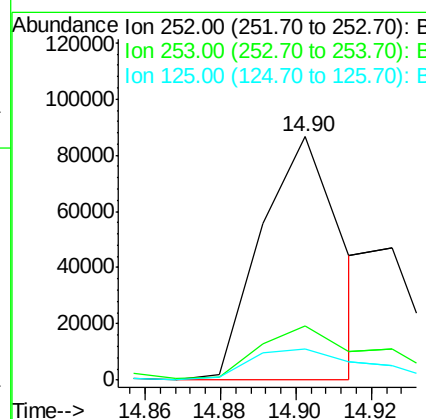
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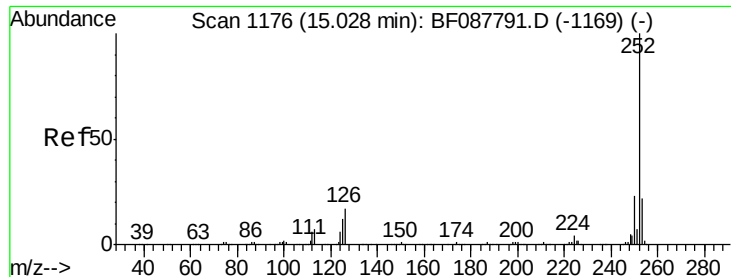
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#87
Benzo(b)fluoranthene
Concen: 8.02 ng m
RT: 14.90 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	13.0	7.1	10.7#





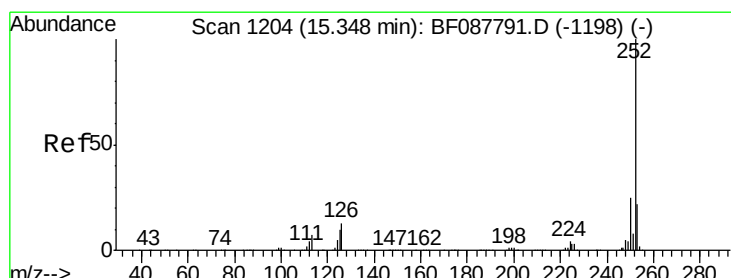
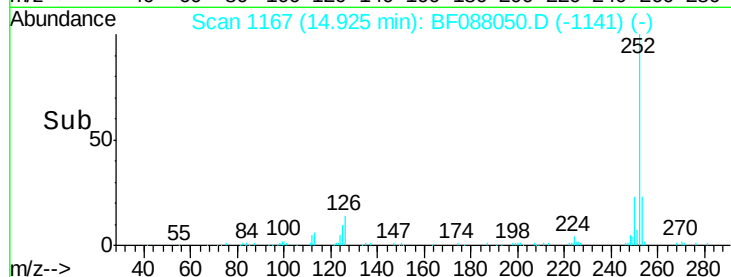
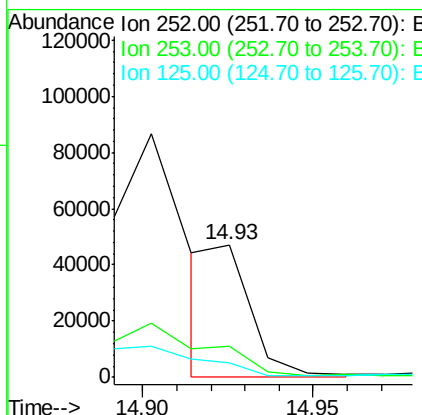
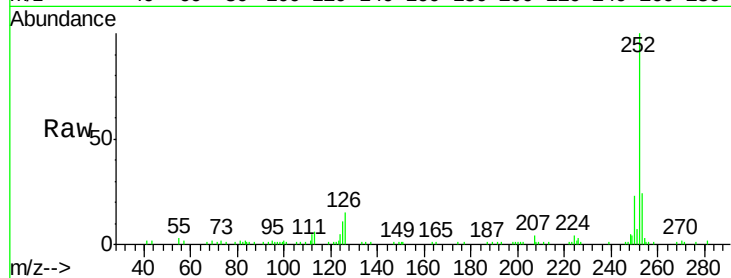
#88
Benzo(k)fluoranthene
Concen: 3.23 ng m
RT: 14.93 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Instrument :
BNA_F
ClientSampleId :
STA-1045-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	10.6	11.2	16.8

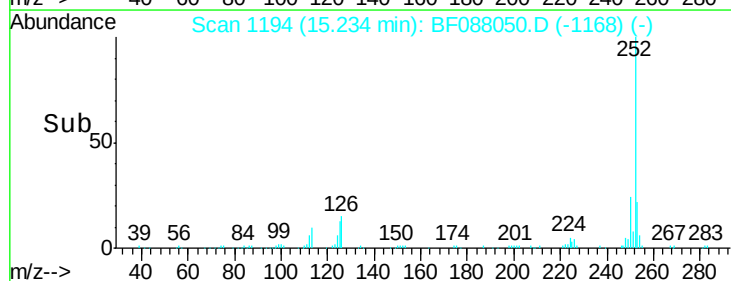
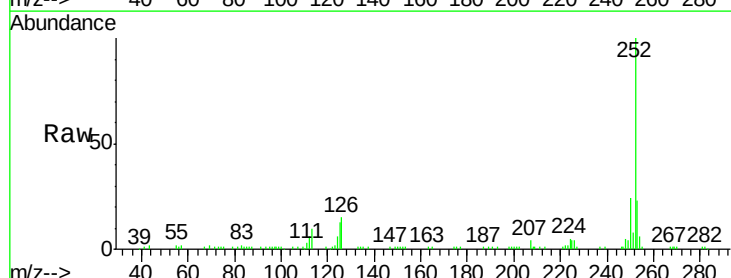
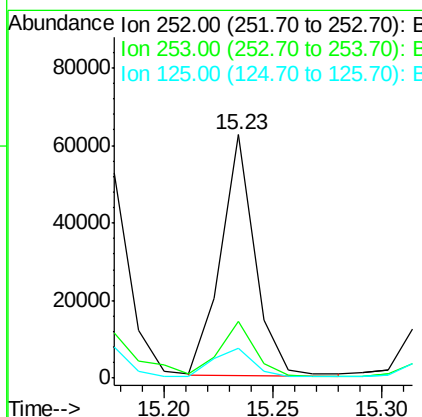
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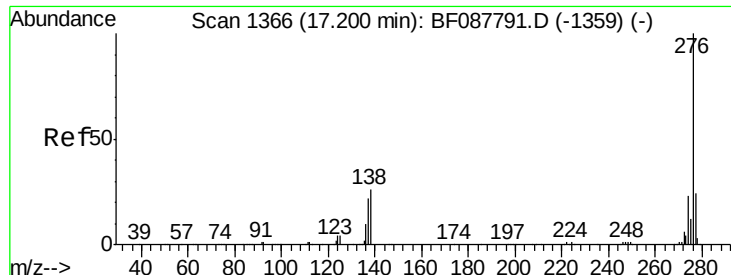
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#89
Benzo(a)pyrene
Concen: 5.22 ng
RT: 15.23 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF088050.D
Acq: 15 Jun 2016 23:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.5	12.5	18.7





#91
 Benzo(a,h,i)perylene
 Concen: 2.60 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF088050.D
 Acq: 15 Jun 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :
 STA-1045-(0-4)

Tot Ion:	276	Resp:	32336
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.9	28.3
138	25.4	21.4	32.2

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