

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090291.D
 Acq On : 29 Sep 2016 14:20
 Operator : UM/SJ
 Sample : H4982-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-17

Manual Integrations
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 9/30/2016 4:00:55 PM

Quant Time: Sep 29 15:51:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	136477	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	525415	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	278745	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	358698	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	262361	20.00	ng	-0.02
86) Perylene-d12	14.90	264	221567	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1167830	139.48	ng	0.00
7) Phenol-d6	6.12	99	1409877	136.35	ng	-0.01
23) Nitrobenzene-d5	7.04	82	981467	108.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	287324	120.15	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	1283244	90.38	ng	-0.02
78) Terphenyl-d14	12.56	244	935292	90.51	ng	0.00
Target Compounds						
10) Phenol	6.14	94	30356	2.48	ng	Qvalue 85
49) Dimethylphthalate	9.23	163	374034	21.07	ng	99
70) Phenanthrene	10.98	178	55542	3.31	ng	99
74) Fluoranthene	12.16	202	99858	5.55	ng	95
77) Pyrene	12.39	202	105261	5.86	ng	97
80) Benzo(a)anthracene	13.57	228	48602	3.44	ng	# 87
82) Chrysene	13.60	228	42777m	3.11	ng	
87) Benzo(b)fluoranthene	14.57	252	60459m	4.93	ng	
89) Benzo(a)pyrene	14.86	252	34852	3.02	ng	# 85
91) Benzo(g,h,i)perylene	16.39	276	21732	2.47	ng	# 89

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

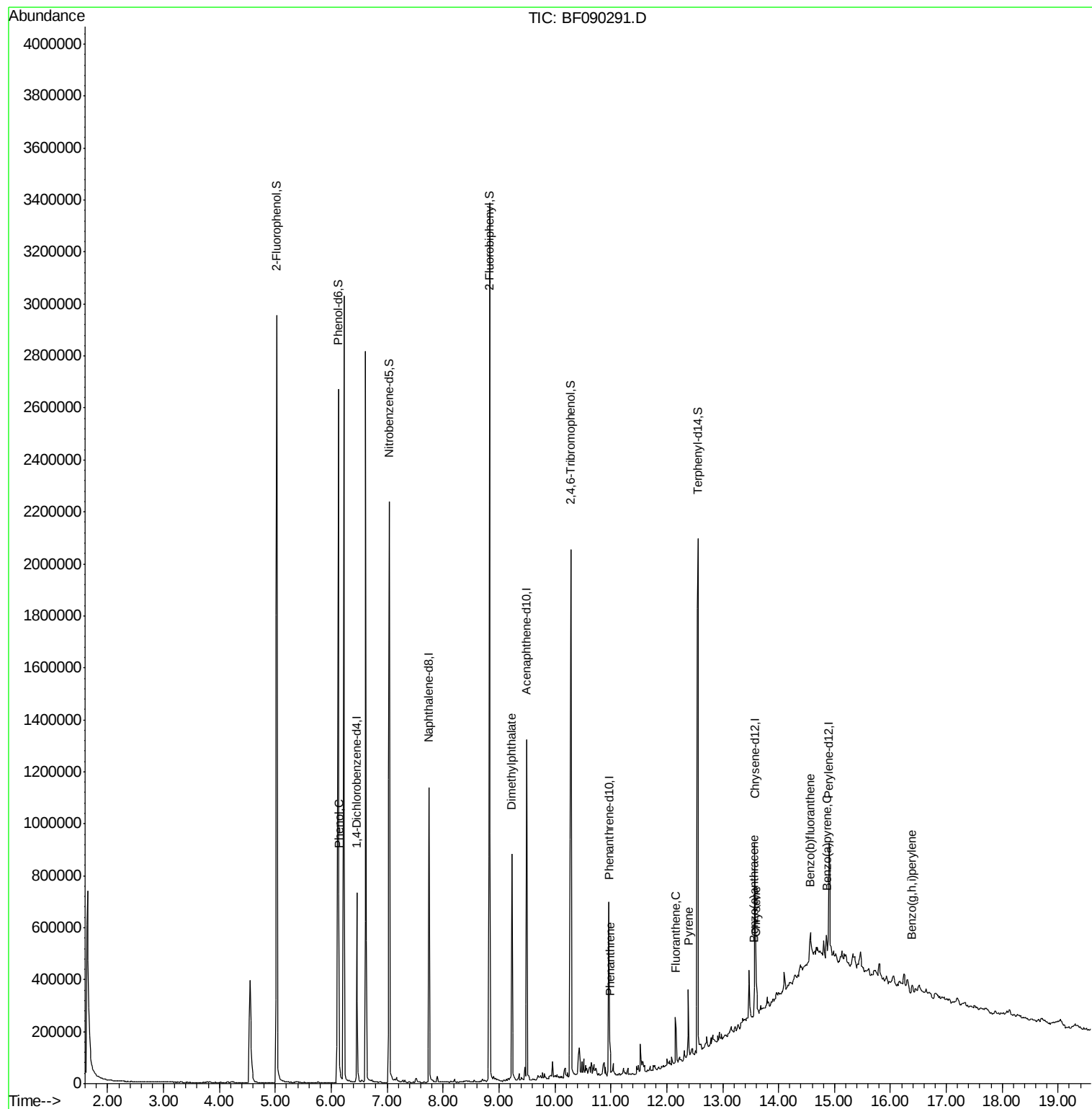
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090291.D
Acq On : 29 Sep 2016 14:20
Operator : UM/SJ
Sample : H4982-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S-17

Manual Integrations
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Quant Time: Sep 29 15:51:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration





#1

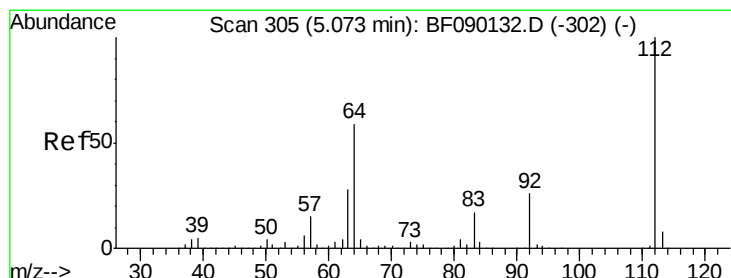
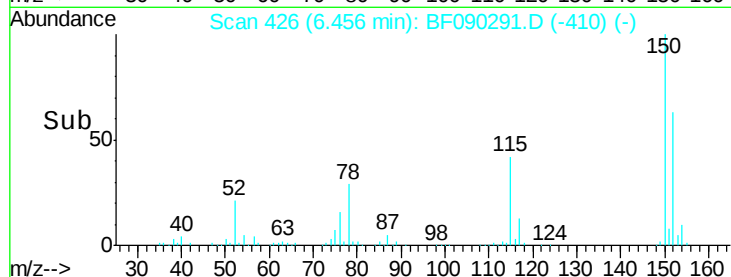
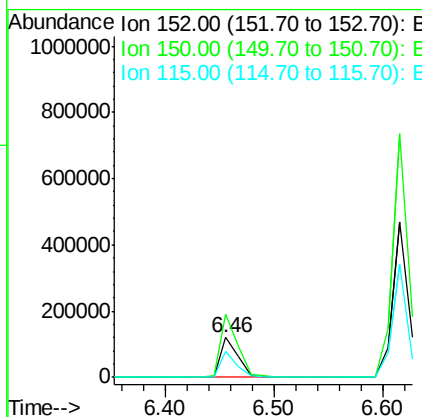
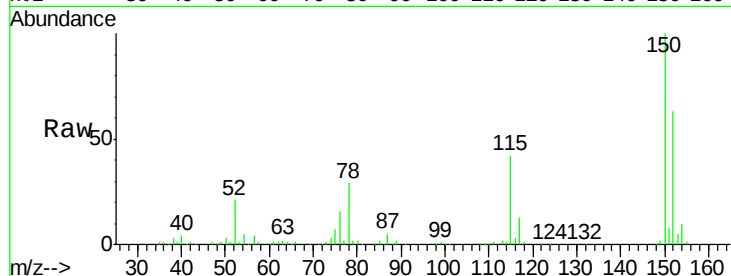
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampled :
S-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	128.9	193.3
115	67.2	55.5	83.3

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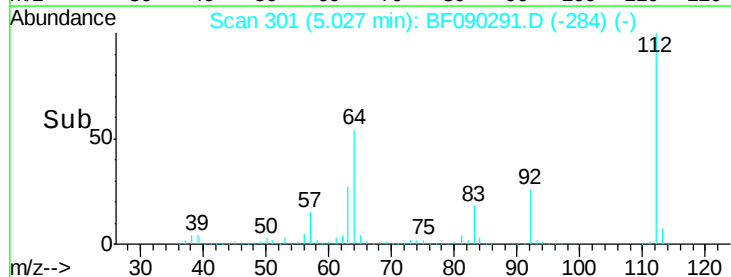
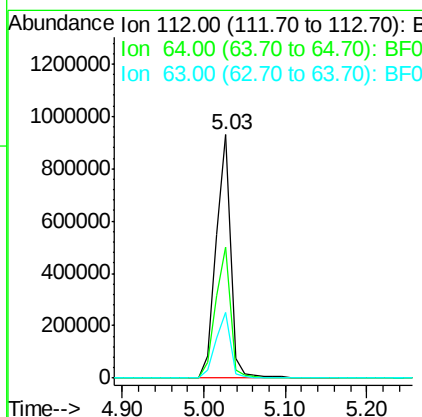
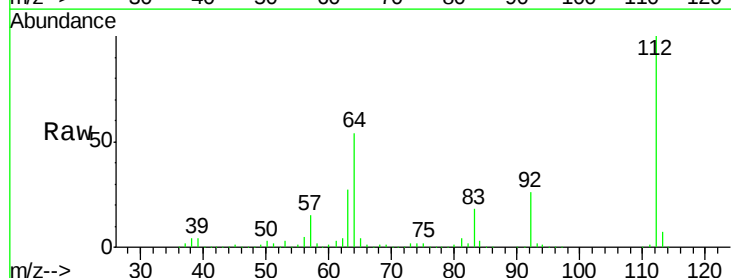
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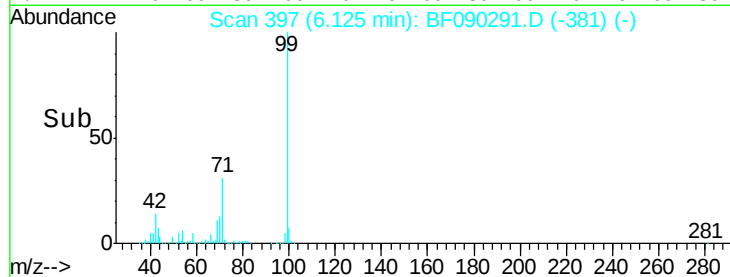
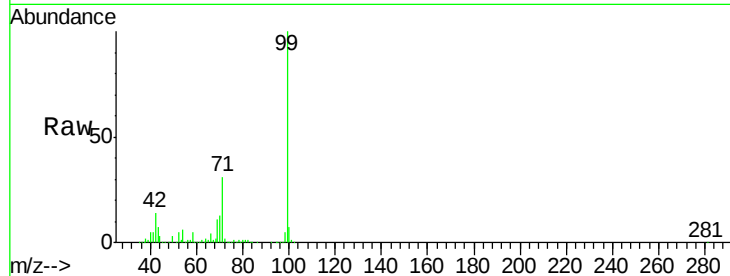
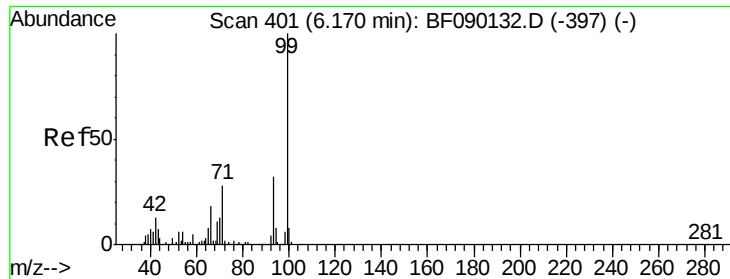


#5

2-Fluorophenol
Concen: 139.48 ng
RT: 5.03 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	39.8	59.6
63	26.9	18.9	28.3





#7

Phenol-d6

Concen: 136.35 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090291.D

Acq: 29 Sep 2016 14:20

Tot Ion:	99	Resp:	1409877
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	15.8
71	31.1	23.0	34.6

Instrument :

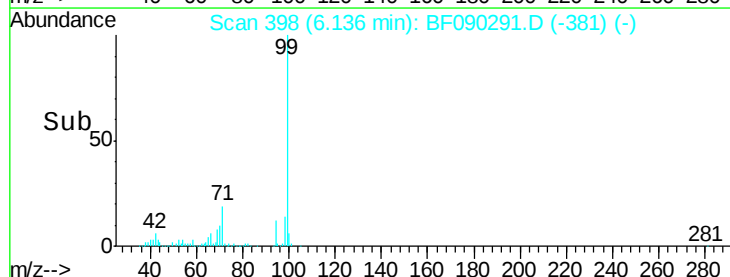
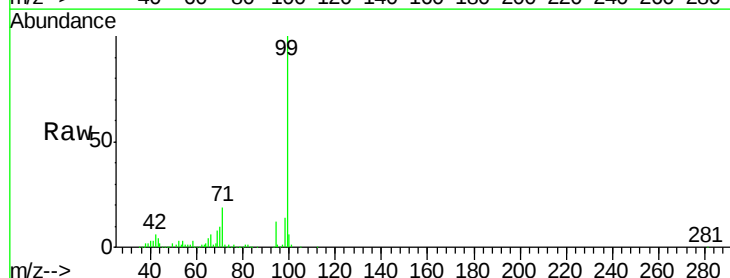
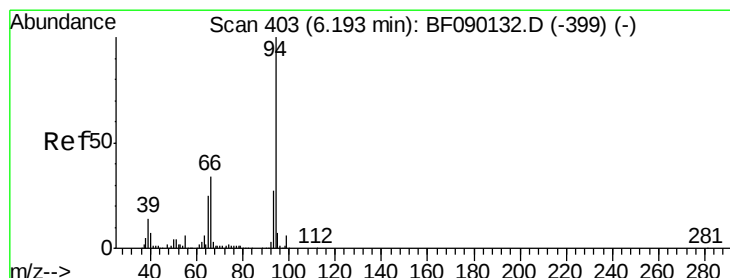
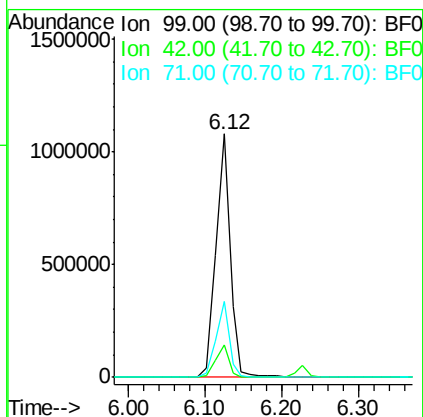
BNA_F

ClientSampled :

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#10

Phenol

Concen: 2.48 ng

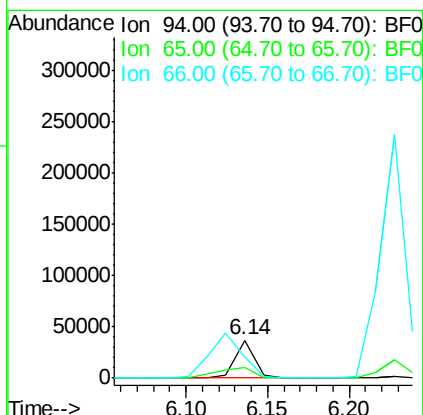
RT: 6.14 min Scan# 398

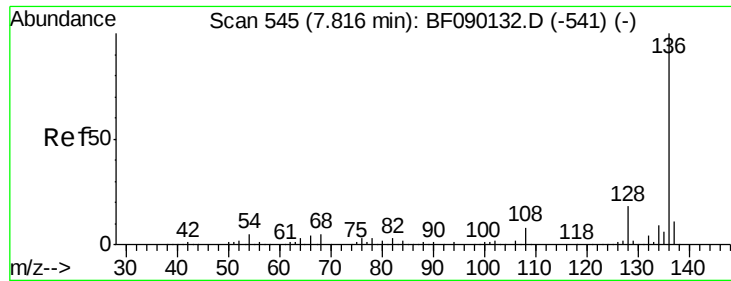
Delta R.T. -0.01 min

Lab File: BF090291.D

Acq: 29 Sep 2016 14:20

Tgt Ion:	94	Resp:	30356
Ion	Ratio	Lower	Upper
94	100		
65	29.7	20.6	60.6
66	54.3	45.1	85.1





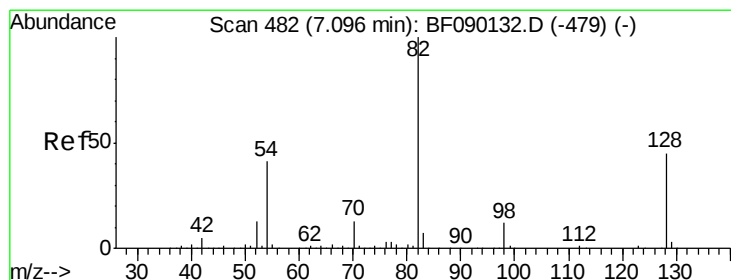
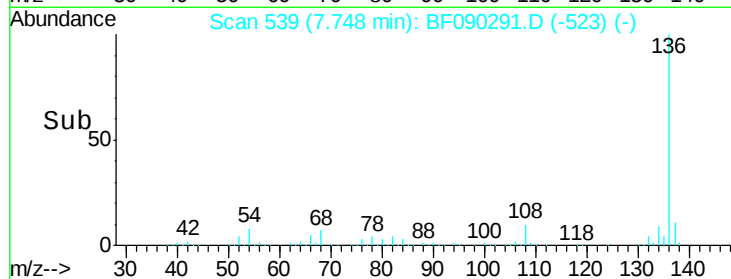
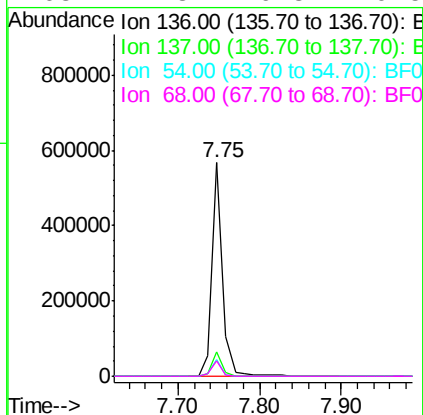
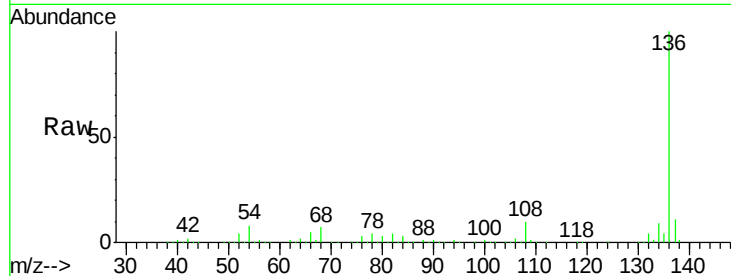
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampleId :
S-17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		525415		
137	11.1		9.0	13.4	
54	7.7		6.4	9.6	
68	7.3		6.3	9.5	

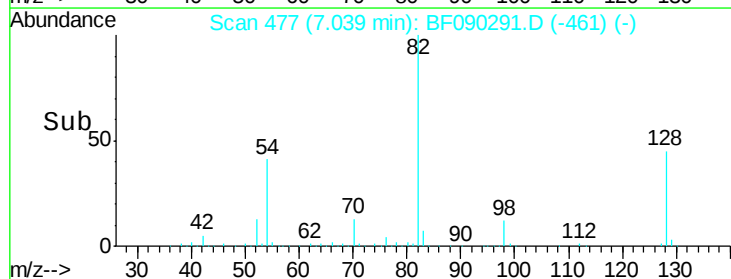
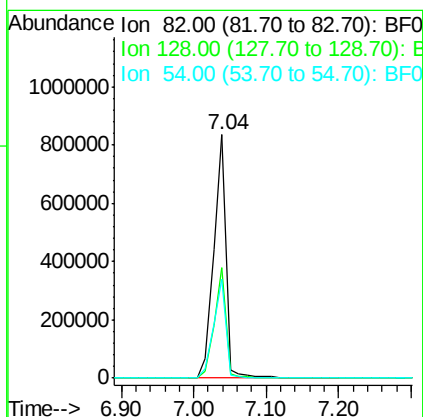
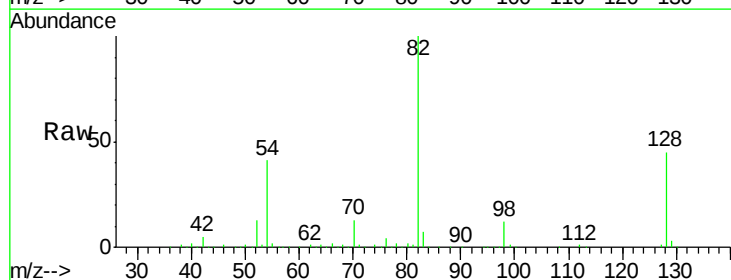
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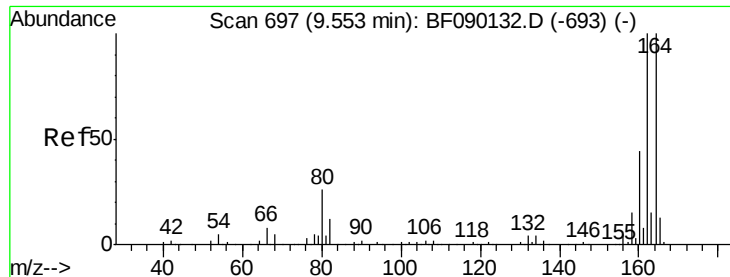
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#23
Nitrobenzene-d5
Concen: 108.28 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		981467		
128	45.4		37.5	56.3	
54	40.8		31.9	47.9	





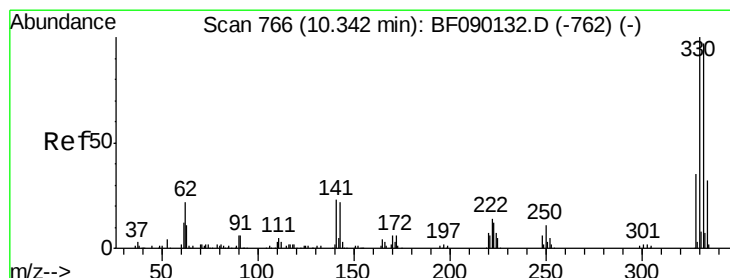
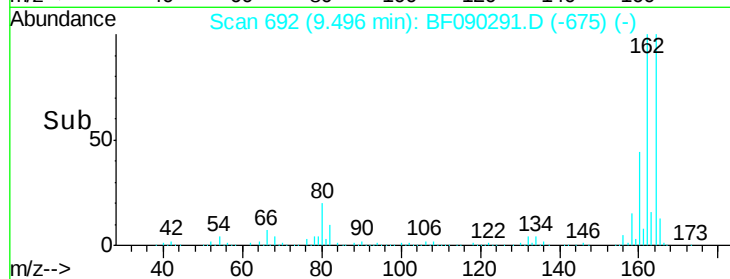
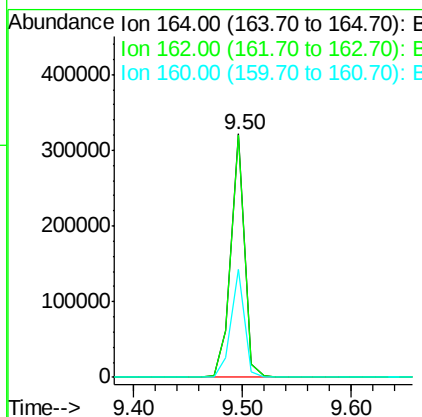
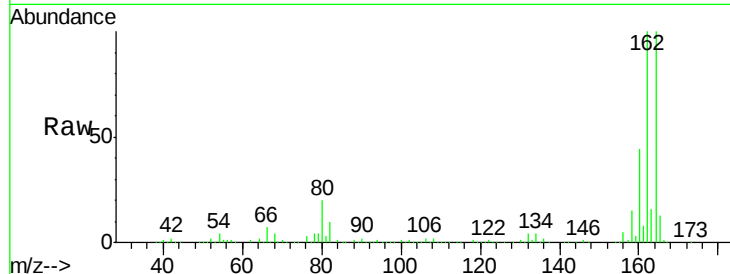
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampleId :
S-17

Tot Ion	Ratio	Resp	Lower	Upper
164	100	278745		
162	99.5	81.4	122.2	
160	44.4	36.6	54.8	

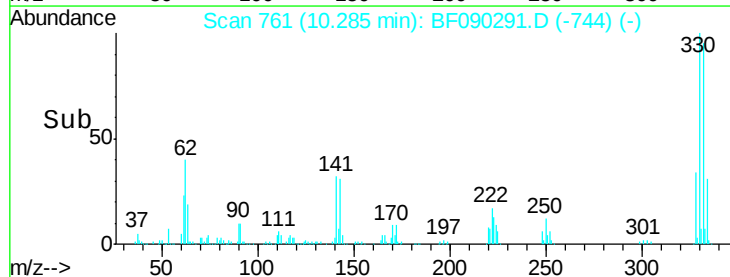
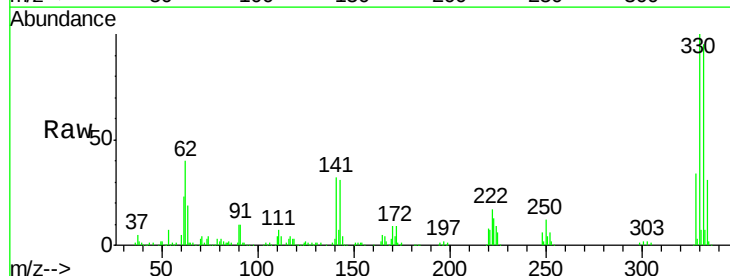
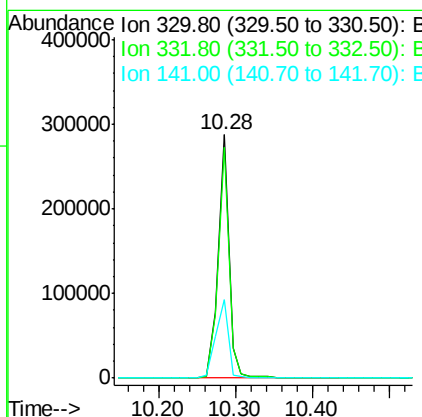
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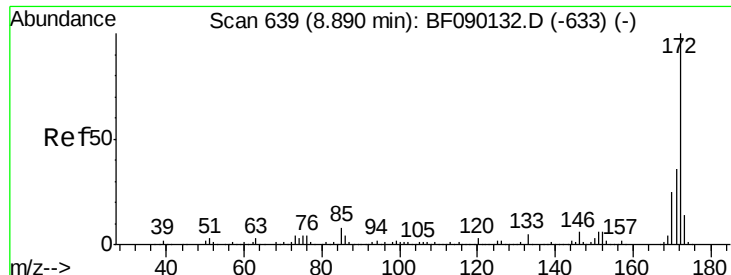
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#41
2,4,6-Tribromophenol
Concen: 120.15 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287324		
332	95.4	78.1	117.1	
141	37.3	23.9	35.9#	





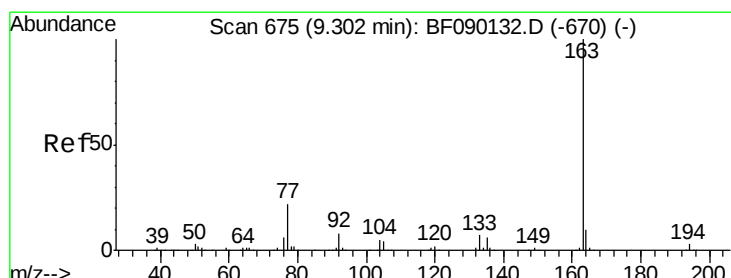
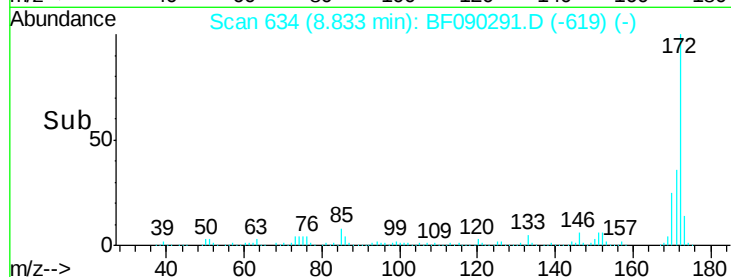
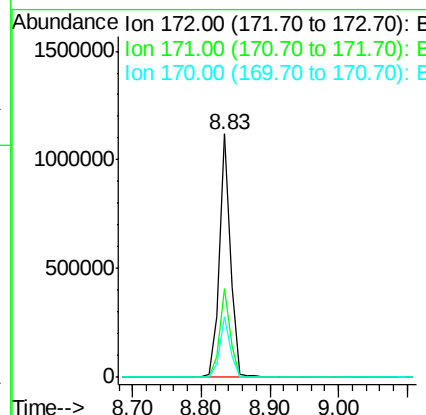
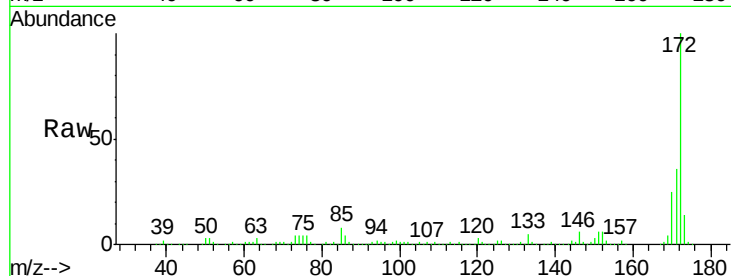
#44
2-Fluorobiphenyl
Concen: 90.38 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampled :
S-17

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.7	19.8	29.8

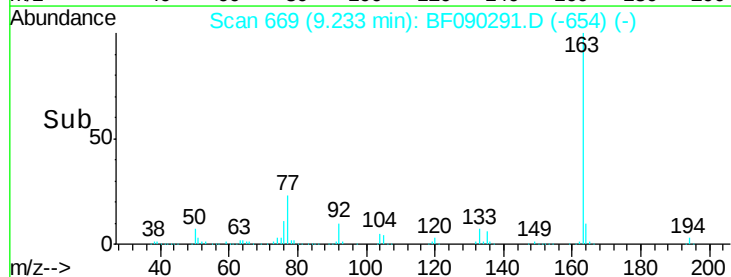
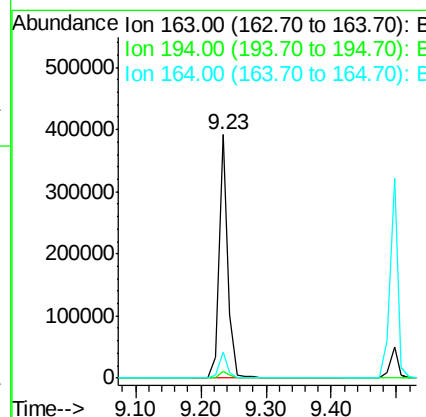
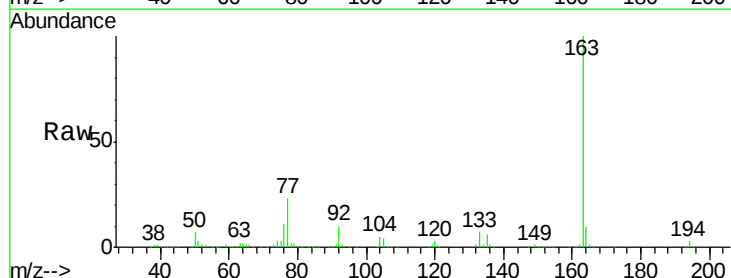
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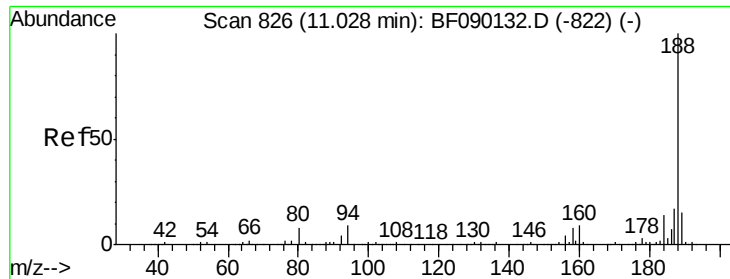
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#49
Dimethylphthalate
Concen: 21.07 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.4	8.1	12.1





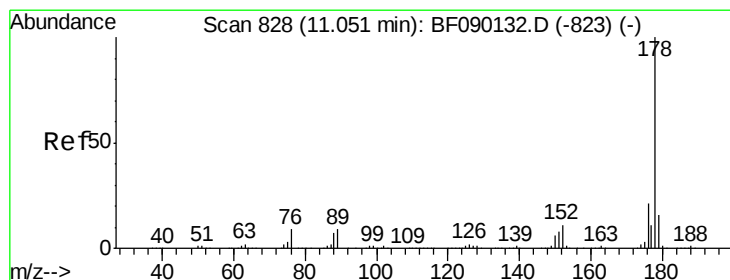
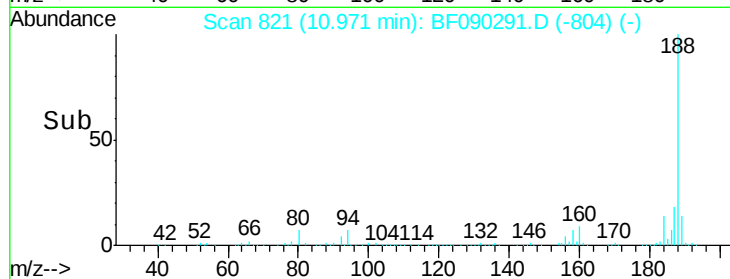
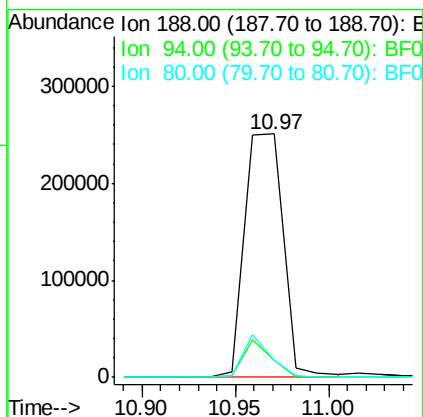
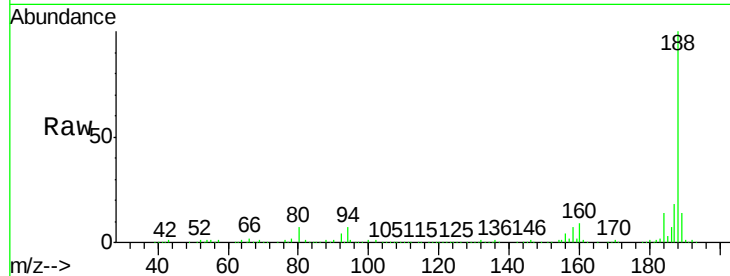
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	358698		
94	7.1	10.5	15.7#	
80	7.0	11.2	16.8#	

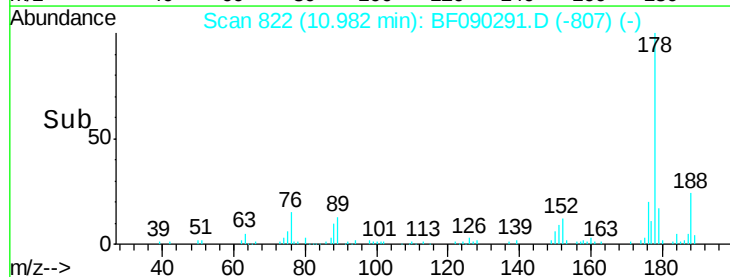
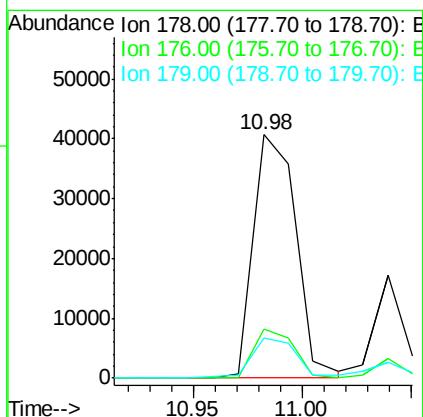
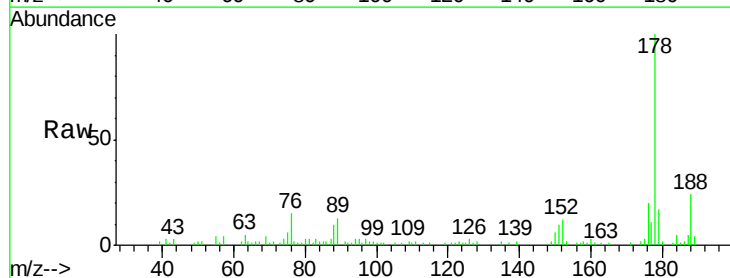
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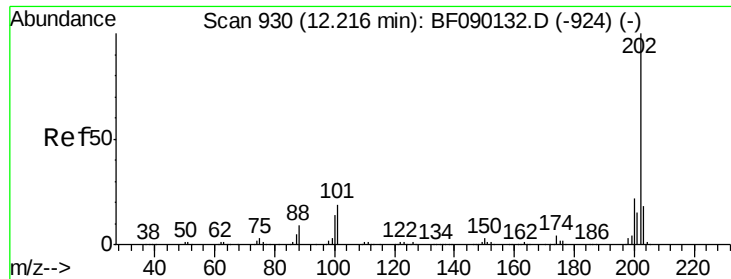
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#70
Phenanthrene
Concen: 3.31 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	55542		
176	20.2	15.9	23.9	
179	16.7	12.9	19.3	





#74

Fluoranthene

Concen: 5.55 ng

RT: 12.16 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF090291.D

Acq: 29 Sep 2016 14:20

Instrument :

BNA_F

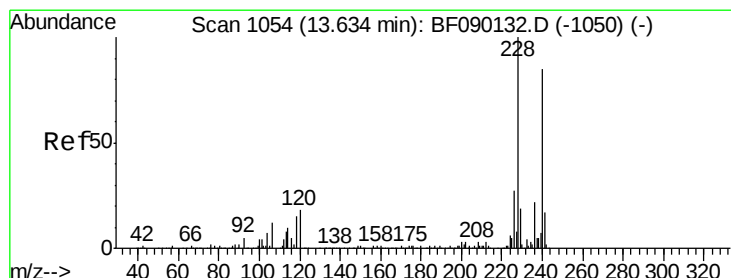
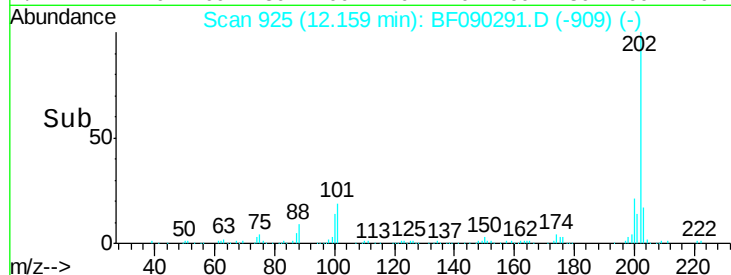
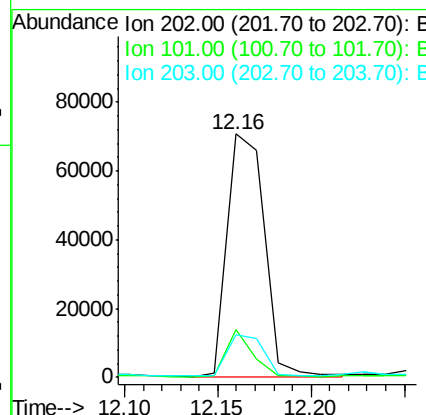
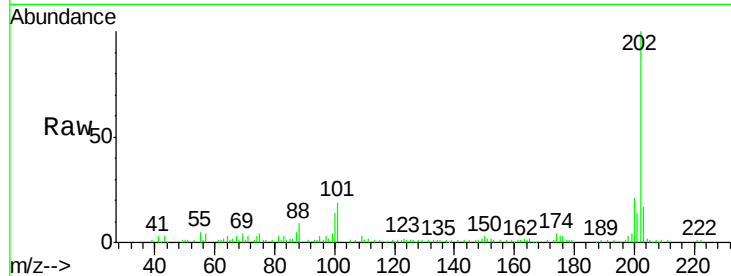
ClientSampled :

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Tot Ion:	202	Resp:	99858
Ion Ratio	Lower	Upper	
202	100		
101	19.4	0.0	36.1
203	17.3	0.0	38.2

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

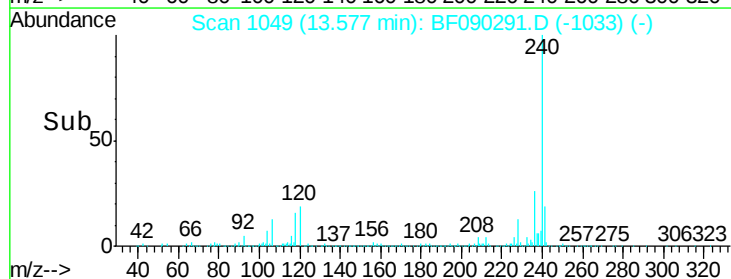
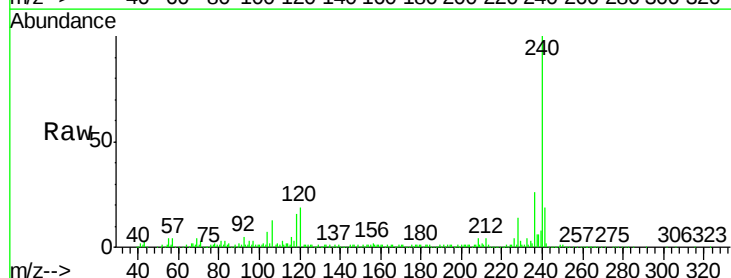
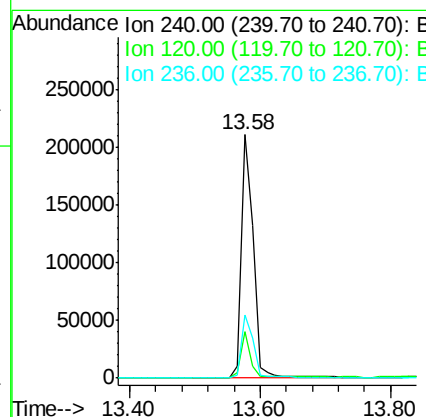
RT: 13.58 min Scan# 1049

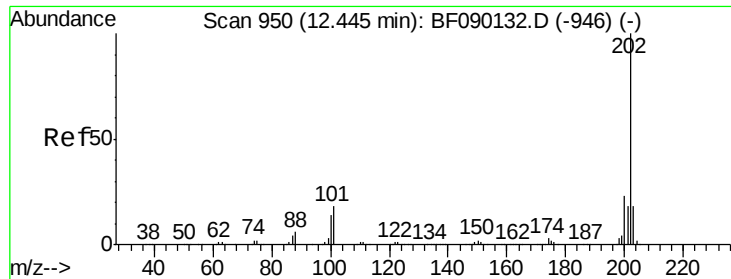
Delta R.T. -0.02 min

Lab File: BF090291.D

Acq: 29 Sep 2016 14:20

Tgt Ion:	240	Resp:	262361
Ion Ratio	Lower	Upper	
240	100		
120	19.1	10.6	16.0#
236	25.7	21.6	32.4





#77

Pvrene

Concen: 5.86 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090291.D

Acq: 29 Sep 2016 14:20

Instrument :

BNA_F

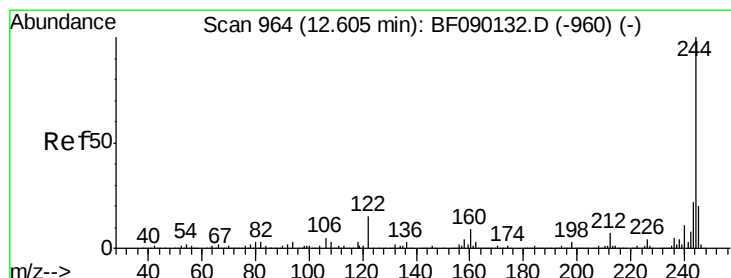
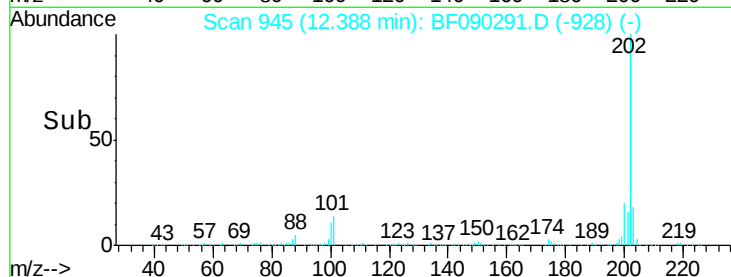
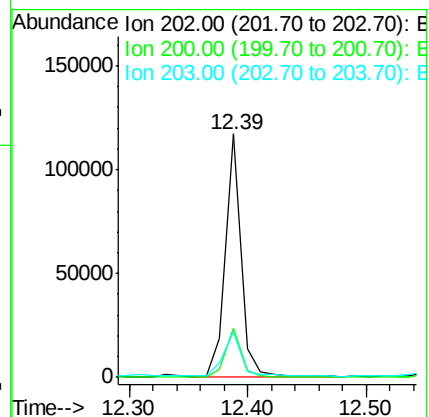
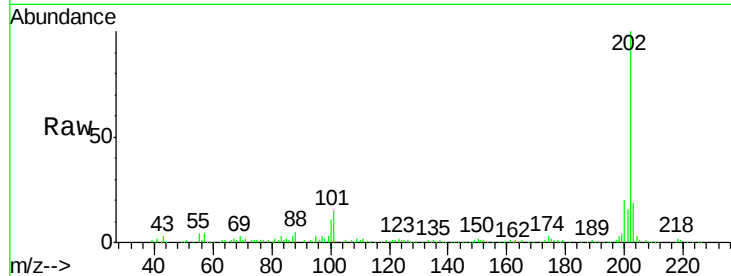
ClientSampleId :

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Tot Ion:	202	Resp:	105261
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.9	26.9
203	18.6	14.2	21.4

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#78

Terphenyl-d14

Concen: 90.51 ng

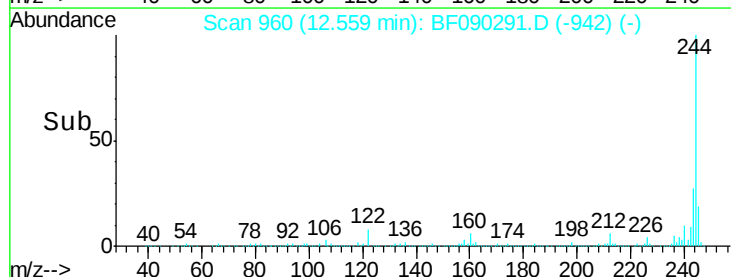
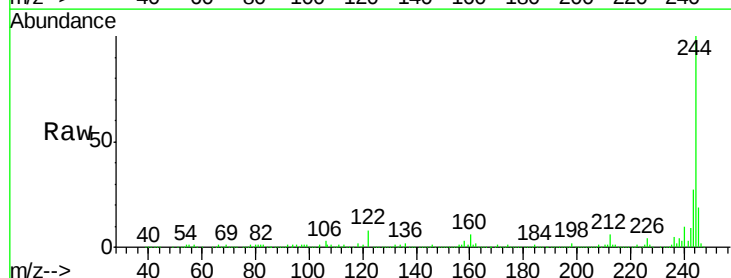
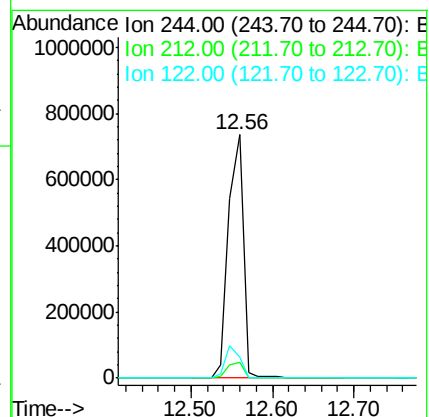
RT: 12.56 min Scan# 960

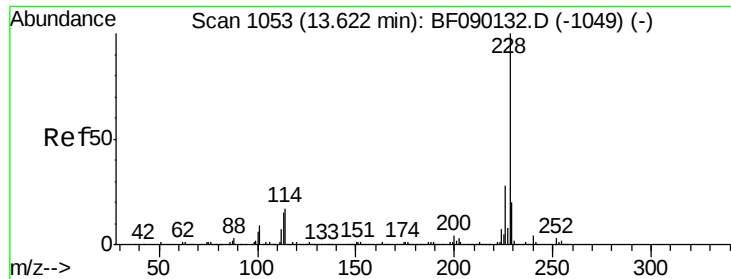
Delta R.T. 0.00 min

Lab File: BF090291.D

Acq: 29 Sep 2016 14:20

Tgt Ion:	244	Resp:	935292
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.8	8.8
122	8.4	9.4	14.0#





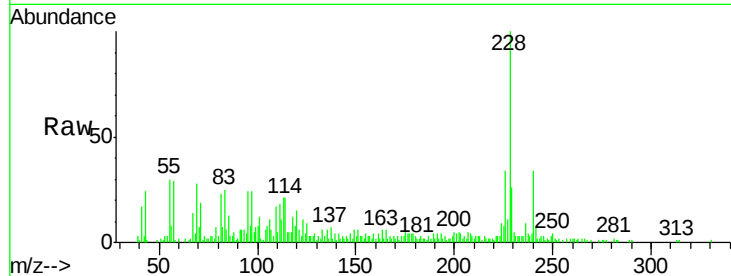
#80
Benzo(a)anthracene
Concen: 3.44 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampled :
S-17

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.0	33.0#
229	25.6	16.2	24.2#

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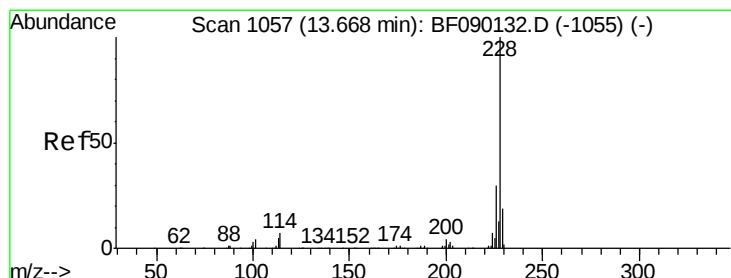
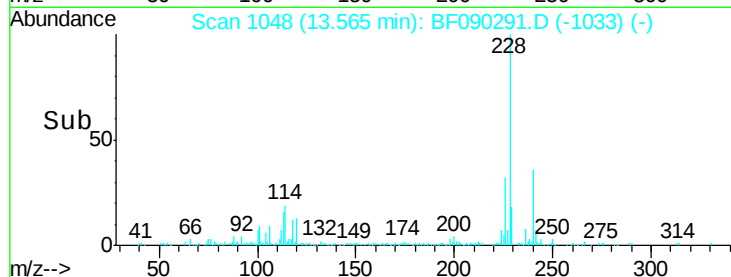
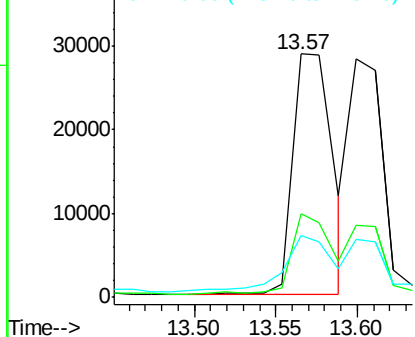


Abundance

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



#82
Chrysene
Concen: 3.11 ng m
RT: 13.60 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

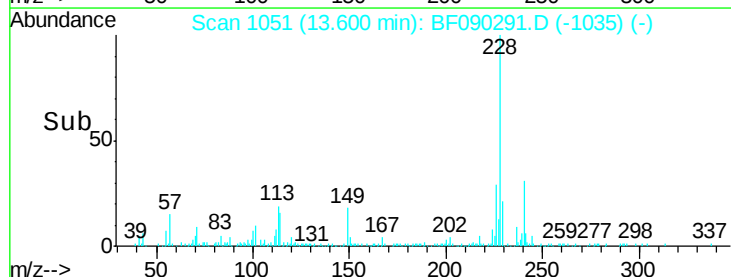
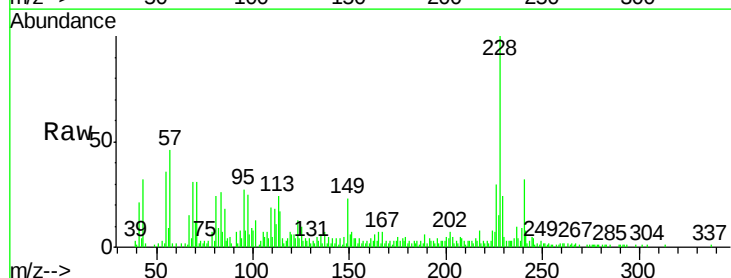
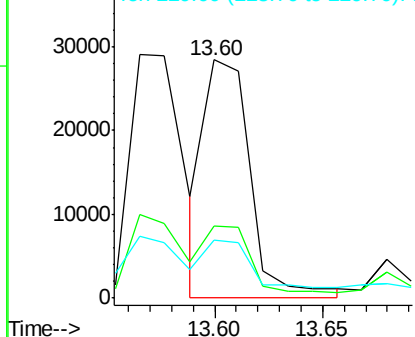
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	24.4	16.2	24.4#

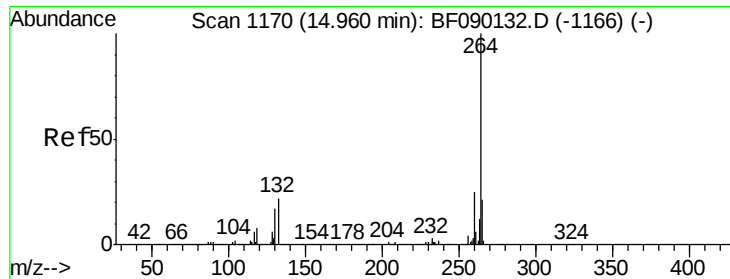
Abundance

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





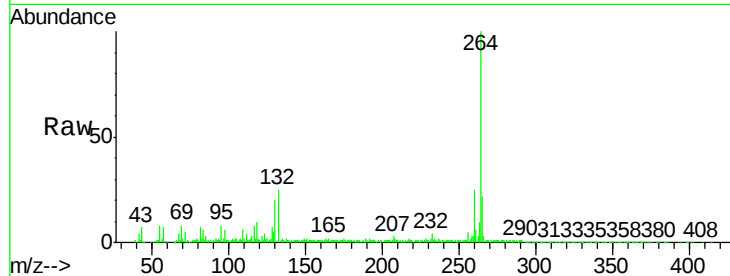
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampleId :
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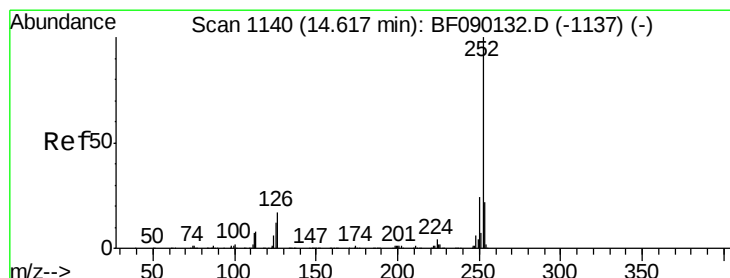
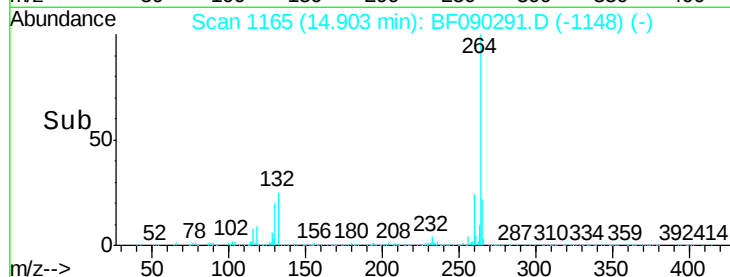
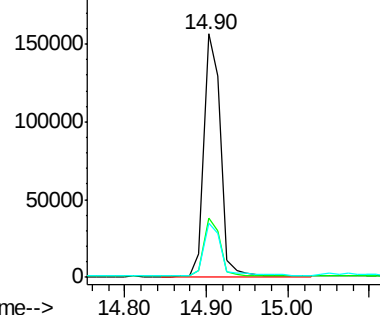
Tot Ion:	264	Resp:	221567
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	22.5	17.0	25.4

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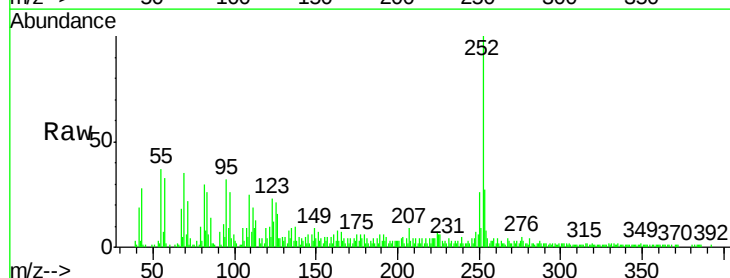


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

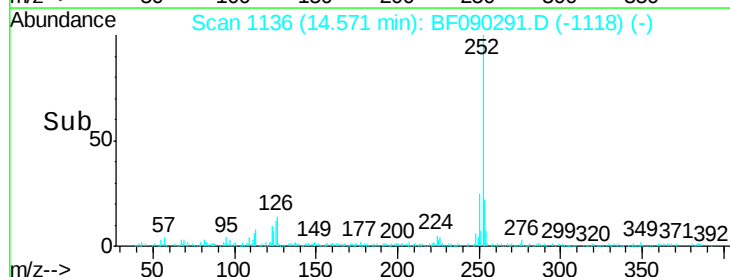
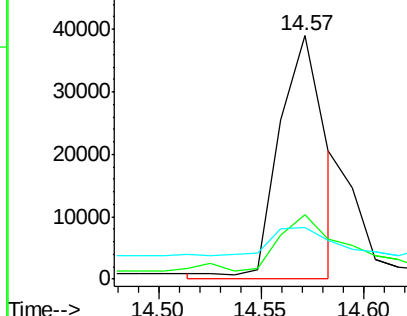


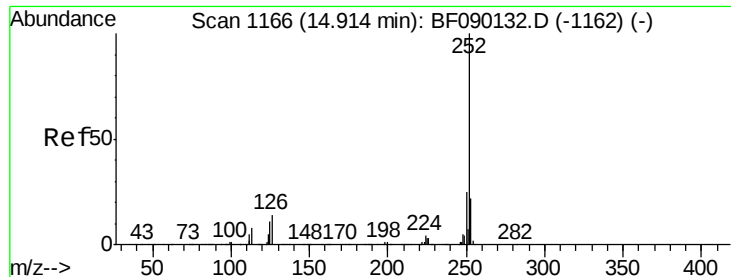
#87
Benzo(b)fluoranthene
Concen: 4.93 ng m
RT: 14.57 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Tgt Ion:	252	Resp:	60459
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.9	26.9
125	21.0	12.7	19.1#



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





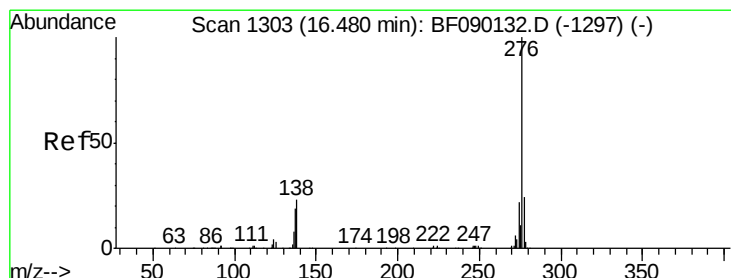
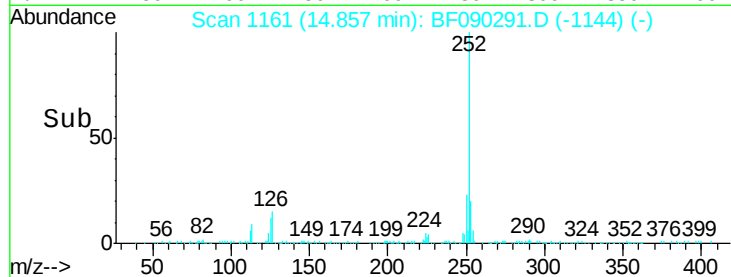
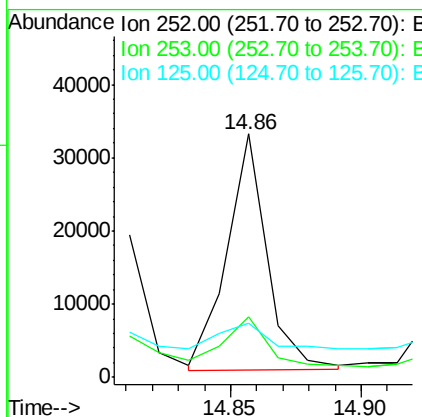
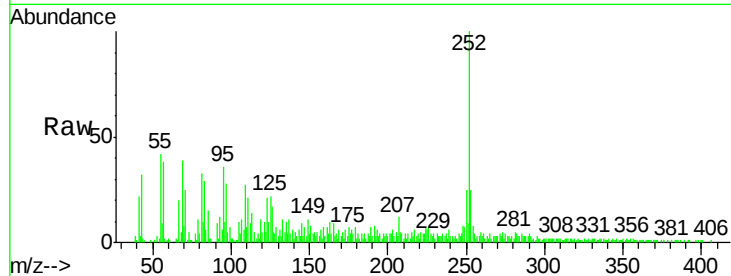
#89
Benzo(a)pyrene
Concen: 3.02 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Instrument :
BNA_F
ClientSampled :
S-17

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	22.5	7.7	11.5

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#91
Benzo(g,h,i)perylene
Concen: 2.47 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF090291.D
Acq: 29 Sep 2016 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.9	28.3
138	34.9	23.3	34.9

