

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080664.D
 Acq On : 25 Jul 2015 11:47
 Operator : TP/UM
 Sample : G3054-01 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC1

Manual Integrations
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Quant Time: Jul 27 02:37:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	48303	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	166089	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	88514	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	156739	20.00	ng	0.00
75) Chrysene-d12	14.32	240	203620	20.00	ng	0.16
86) Perylene-d12	16.04	264	228529	20.00	ng	0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	38115	13.29	ng	0.00
7) Phenol-d6	6.54	99	56269	16.42	ng	0.00
23) Nitrobenzene-d5	7.48	82	34521	10.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	2998	3.77	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	70292	12.25	ng	-0.01
78) Terphenyl-d14	13.11	244	81133	8.58	ng	0.05
Target Compounds						Qvalue
6) Aniline	6.59	93	12518	2.58	ng	94
24) Nitrobenzene	7.50	77	17748	5.38	ng	97
49) Dimethylphthalate	9.69	163	16149	2.55	ng	97
70) Phenanthrene	11.48	178	114878	13.28	ng	98
71) Anthracene	11.53	178	20933	2.51	ng	94
72) Carbazole	11.69	167	15208	2.01	ng	100
74) Fluoranthene	12.71	202	173165	20.71	ng	93
77) Pyrene	12.95	202	152133	11.93	ng	99
80) Benzo(a)anthracene	14.29	228	82089	6.87	ng	95
82) Chrysene	14.34	228	91165	8.15	ng	97
85) Indeno(1,2,3-cd)pyrene	17.55	276	61353	5.42	ng	96
87) Benzo(b)fluoranthene	15.59	252	138884m	10.03	ng	
88) Benzo(k)fluoranthene	15.62	252	35587m	2.87	ng	
89) Benzo(a)pyrene	15.97	252	84638	6.79	ng	# 93
91) Benzo(g,h,i)perylene	18.00	276	68205	5.12	ng	# 91

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

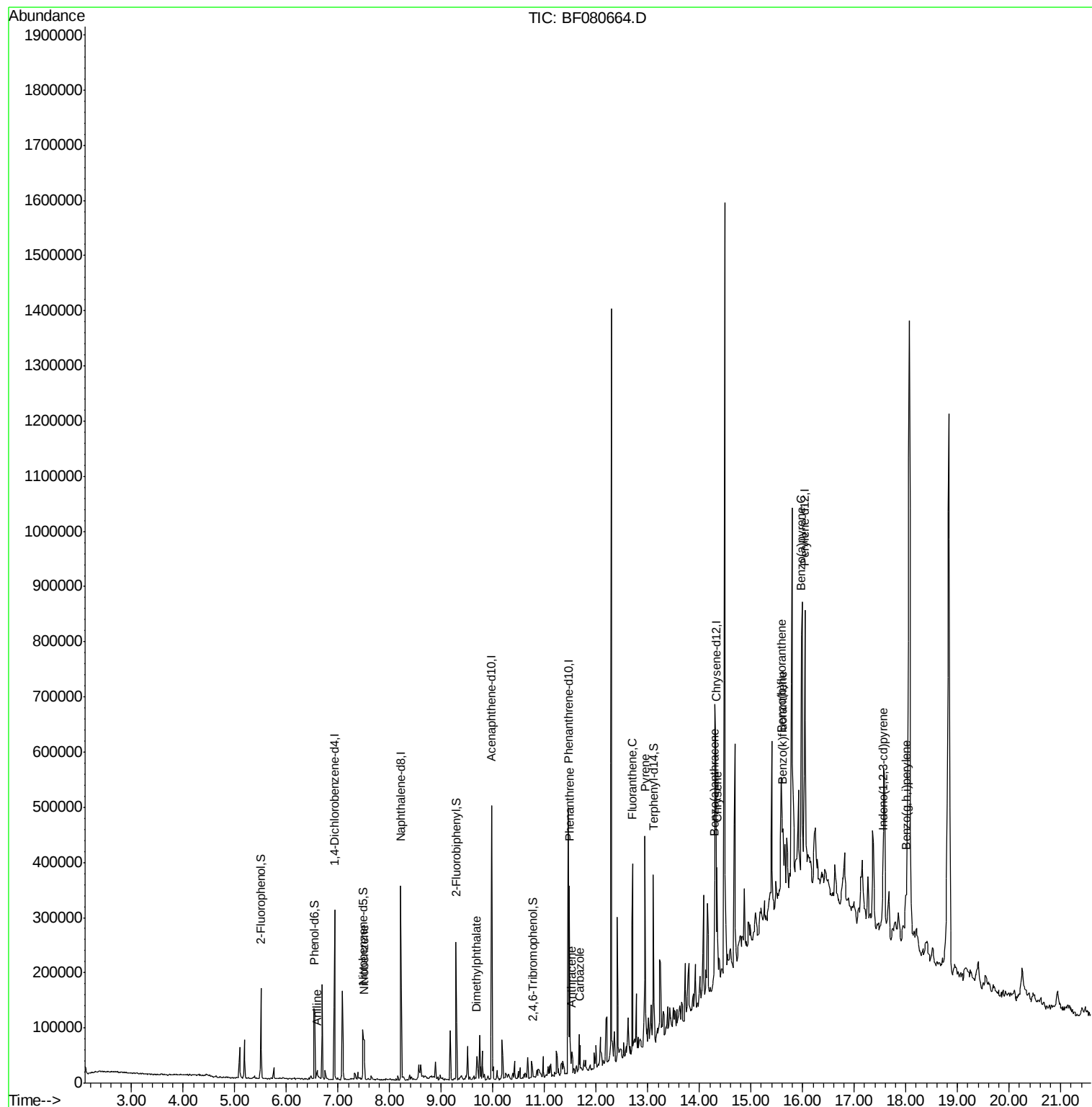
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080664.D
Acq On : 25 Jul 2015 11:47
Operator : TP/UM
Sample : G3054-01 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

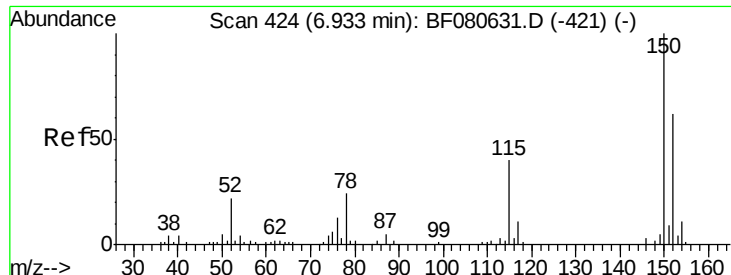
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#1

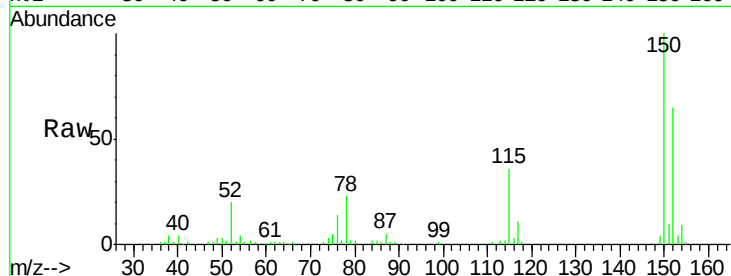
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Instrument :
BNA_F
ClientSampleId :
CONC1

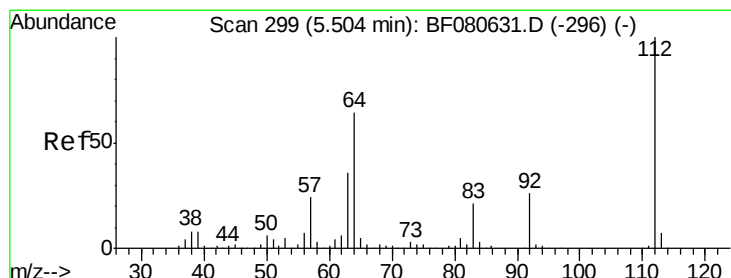
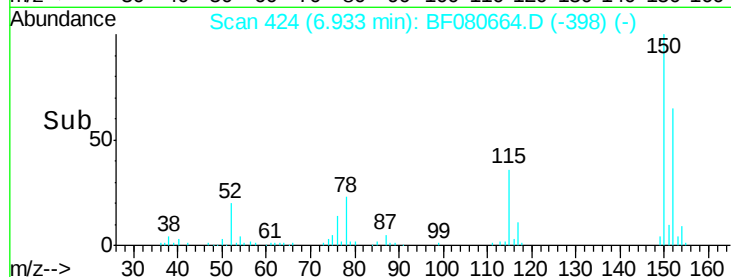
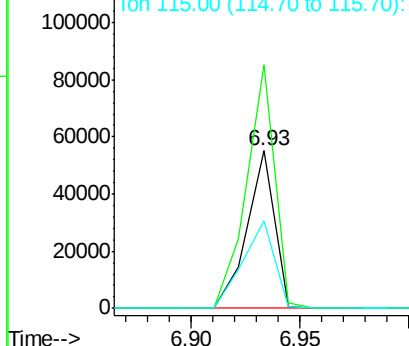
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	128.9	193.3
115	55.6	51.0	76.6

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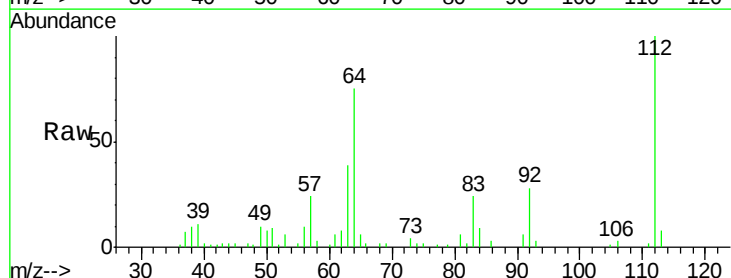
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



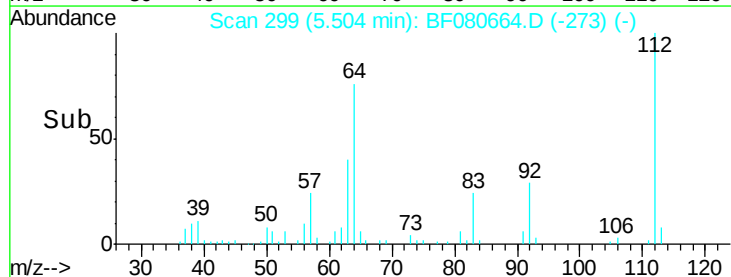
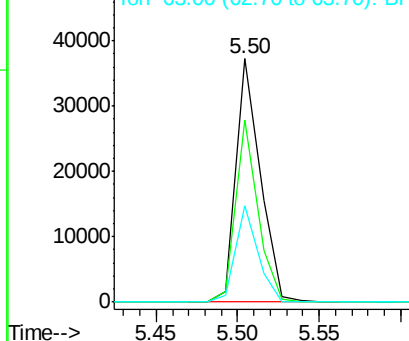
#5

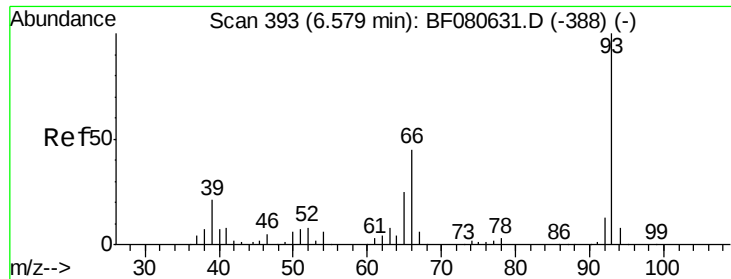
2-Fluorophenol
Concen: 13.29 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	51.2	76.8
63	39.4	29.0	43.6



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





#6

Aniline

Concen: 2.58 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF080664.D

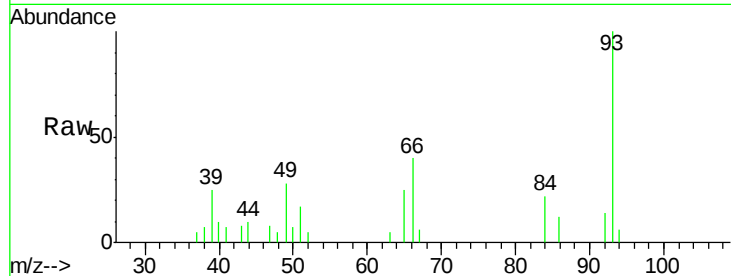
Acq: 25 Jul 2015 11:47

Instrument :

BNA_F

ClientSampled :

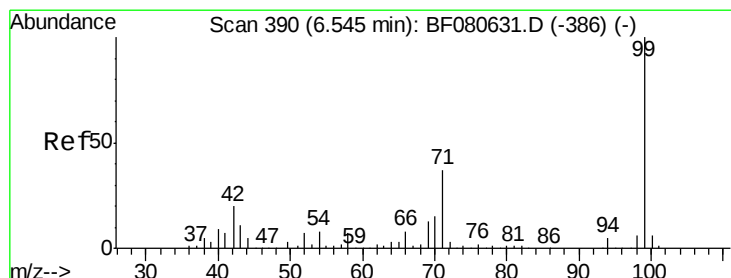
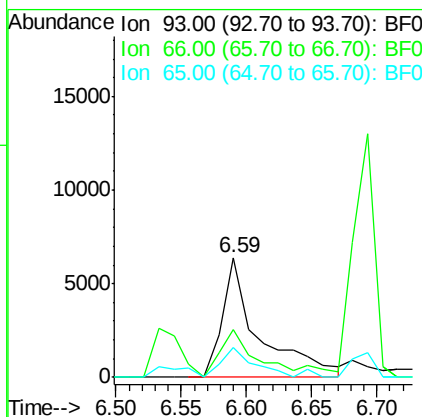
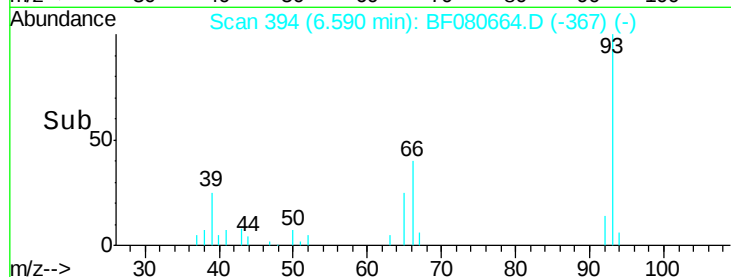
CONC1



Tgt Ion:	93	Resp:	12518
Ion	Ratio	Lower	Upper
93	100		
66	39.5	36.3	54.5
65	24.8	19.9	29.9

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#7

Phenol-d6

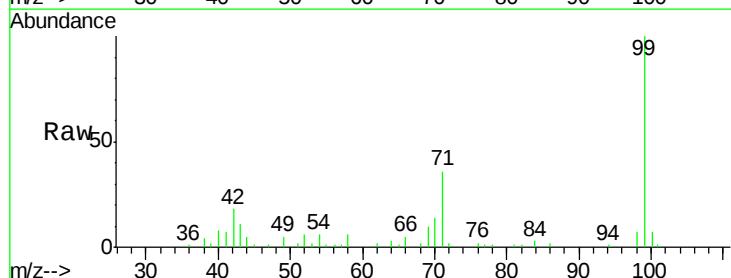
Concen: 16.42 ng

RT: 6.54 min Scan# 390

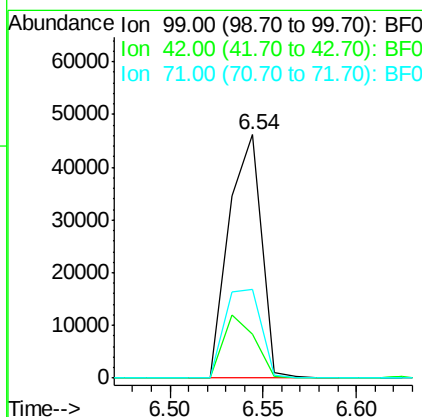
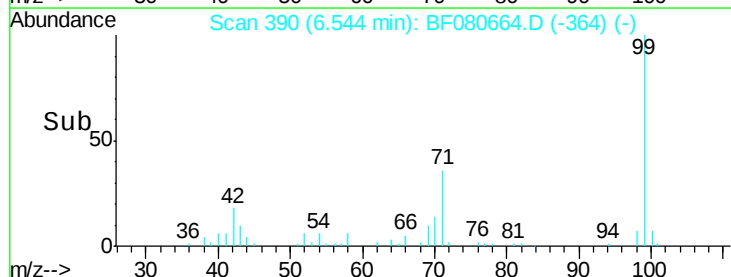
Delta R.T. -0.00 min

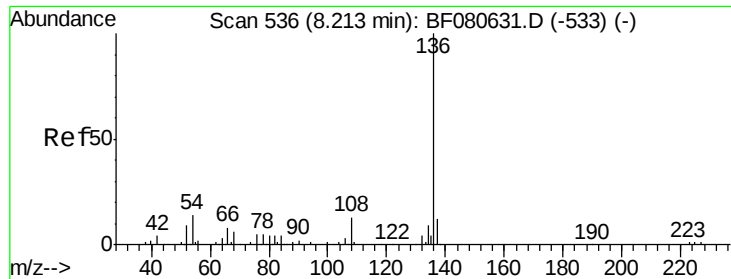
Lab File: BF080664.D

Acq: 25 Jul 2015 11:47



Tgt Ion:	99	Resp:	56269
Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.3	24.5
71	36.3	29.7	44.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080664.D

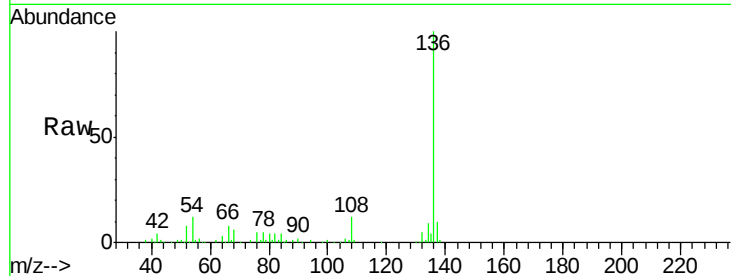
Acq: 25 Jul 2015 11:47

Instrument :

BNA_F

ClientSampleId :

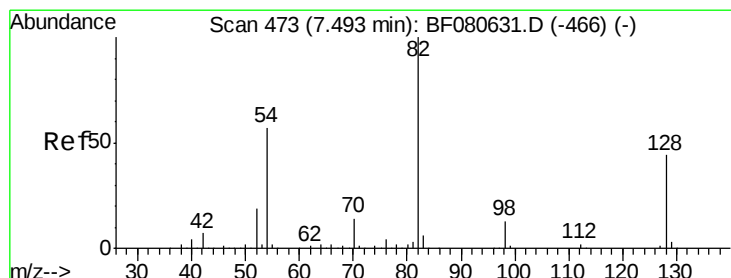
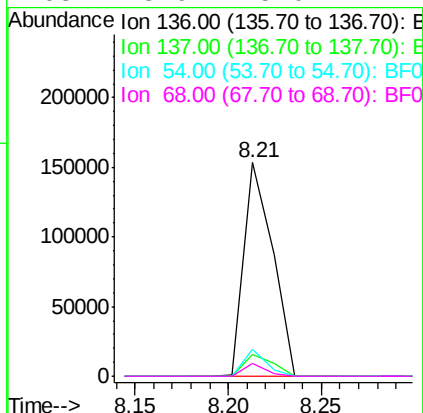
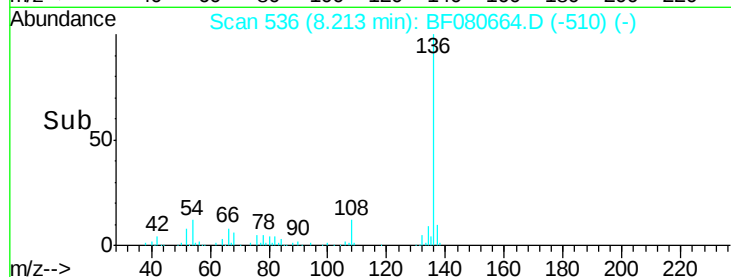
CONC1



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	166089		
137	10.3	9.3	13.9	
54	12.3	11.6	17.4	
68	5.9	5.0	7.4	

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#23

Nitrobenzene-d5

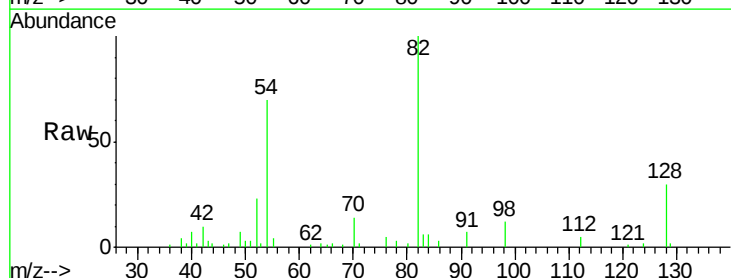
Concen: 10.44 ng

RT: 7.48 min Scan# 472

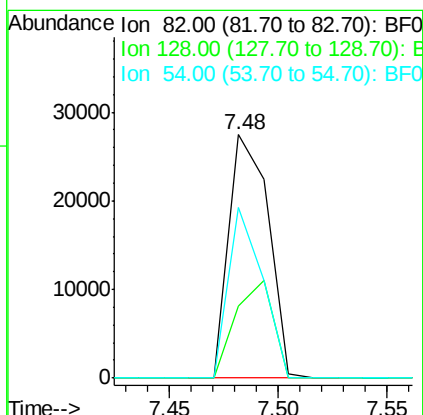
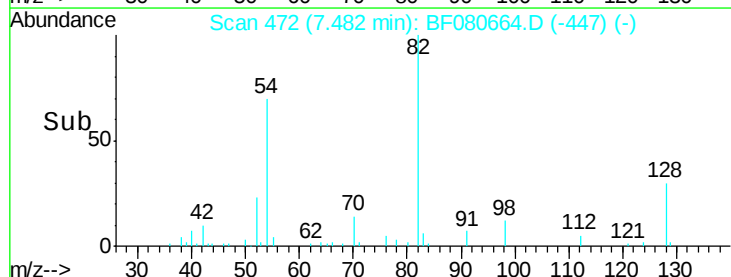
Delta R.T. -0.01 min

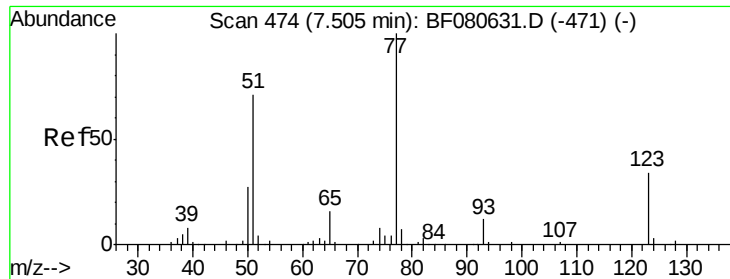
Lab File: BF080664.D

Acq: 25 Jul 2015 11:47



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	34521		
128	29.9	34.8	52.2#	
54	69.9	45.4	68.0#	





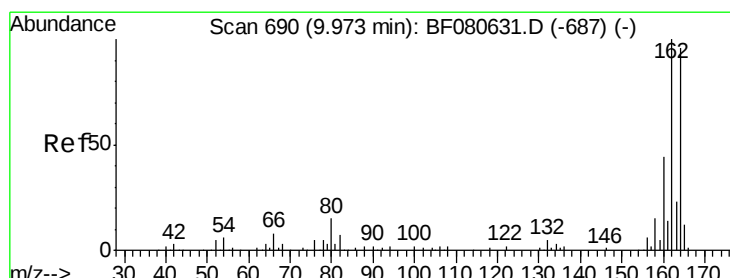
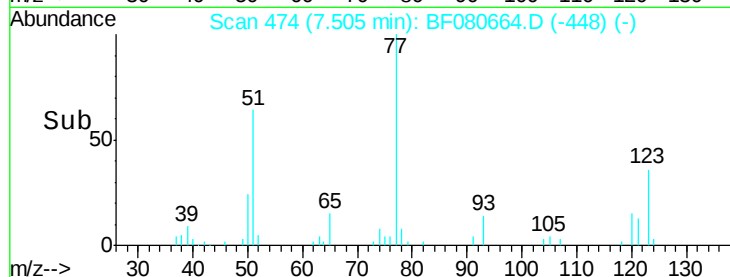
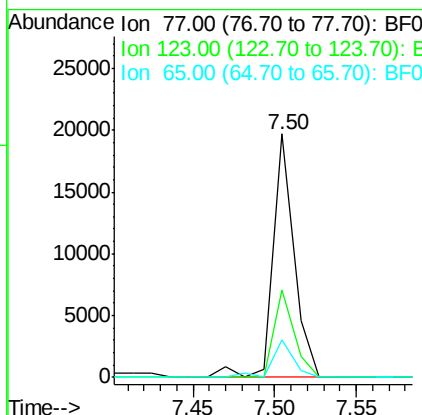
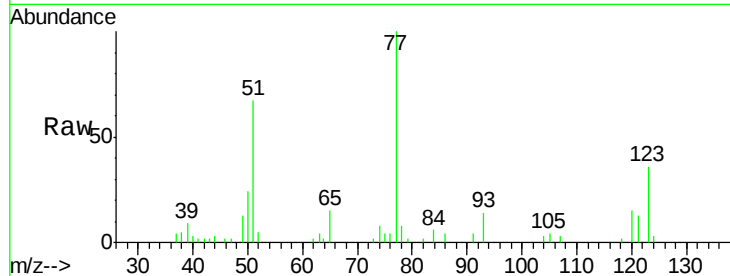
#24
 Nitrobenzene
 Concen: 5.38 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080664.D
 Acq: 25 Jul 2015 11:47

Instrument :
 BNA_F
 ClientSampleId :
 CONC1

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	27.1	40.7
65	15.3	12.6	18.8

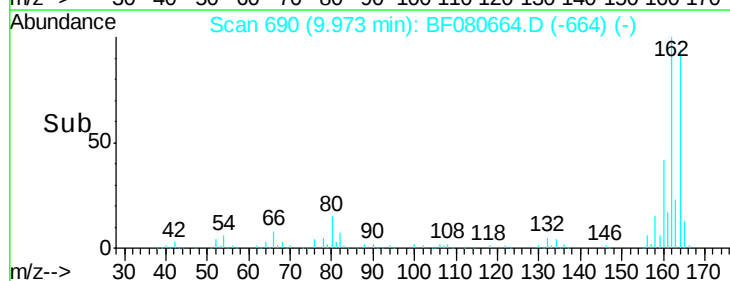
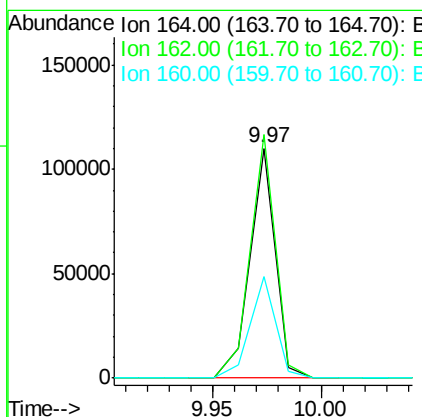
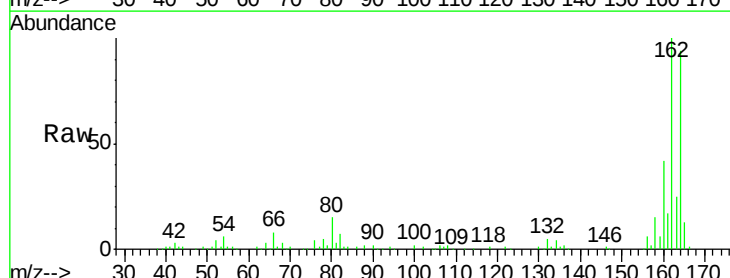
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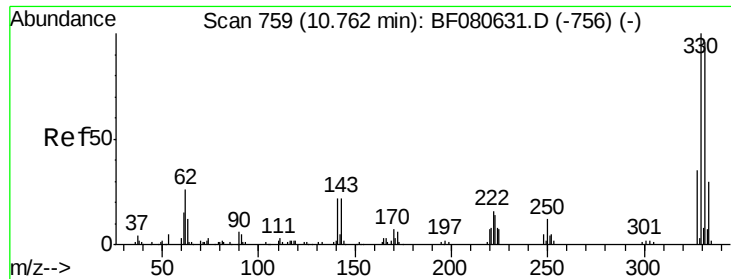
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080664.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.3	124.9
160	44.4	36.9	55.3





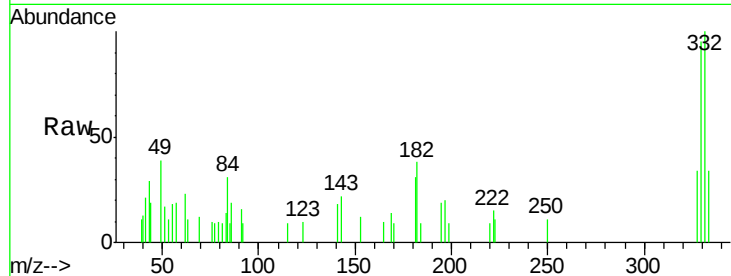
#41
 2,4,6-Tribromophenol
 Concen: 3.77 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080664.D
 Acq: 25 Jul 2015 11:47

Instrument :
 BNA_F
 ClientSampleId :
 CONC1

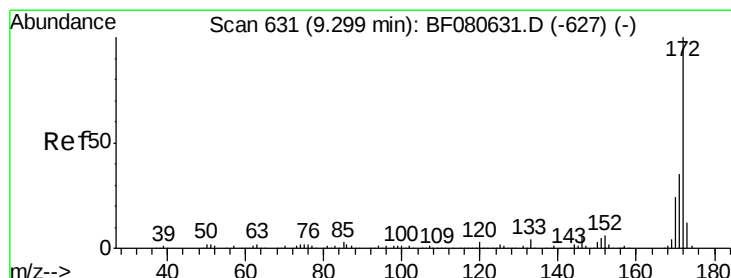
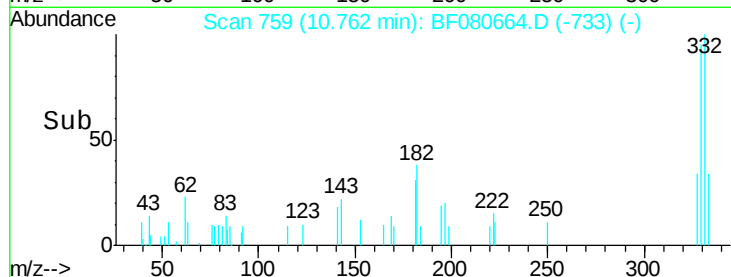
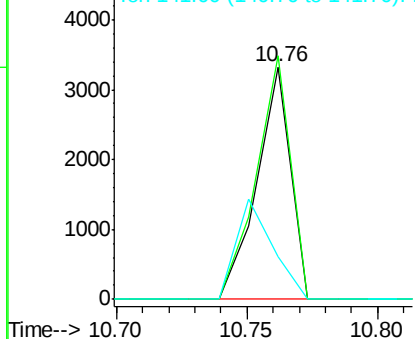
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	2998		
332	106.7		76.7	115.1
141	46.9		32.7	49.1

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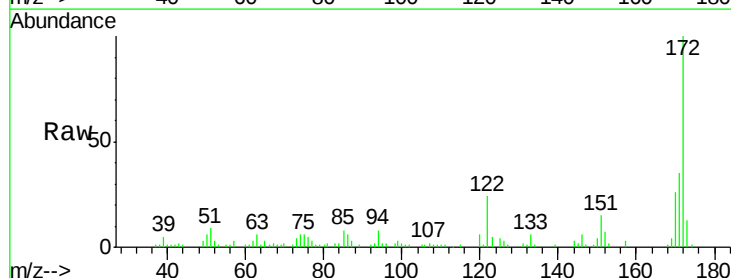


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

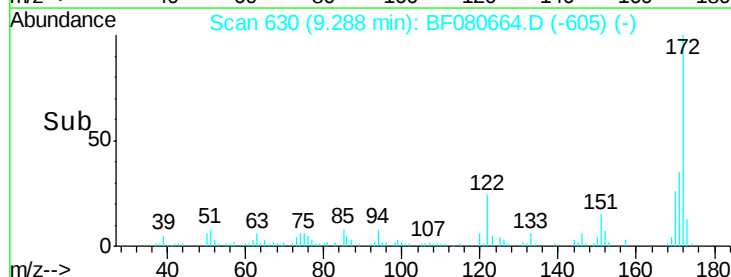
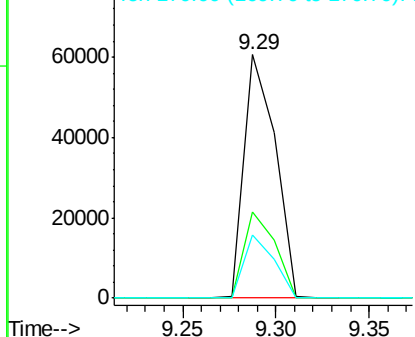


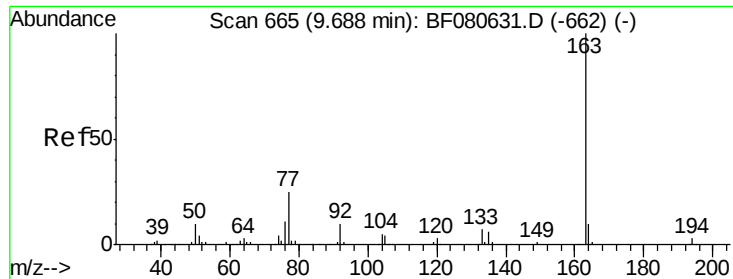
#44
 2-Fluorobiphenyl
 Concen: 12.25 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080664.D
 Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	70292		
171	35.2		27.7	41.5
170	26.0		19.0	28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





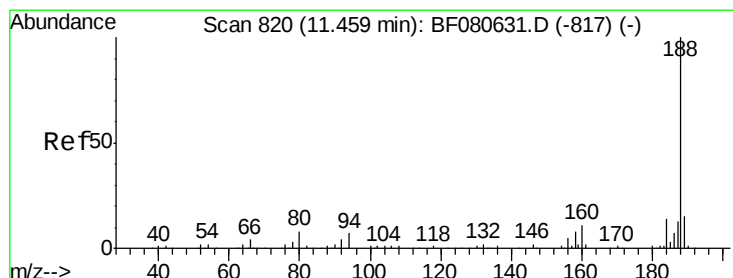
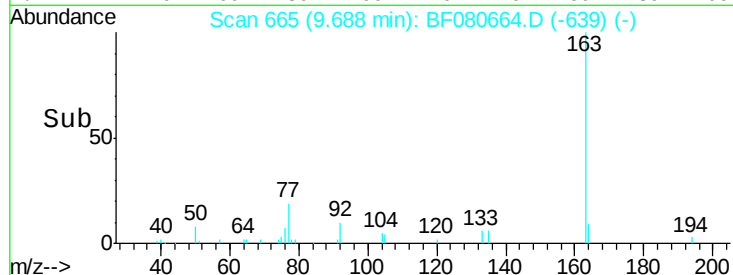
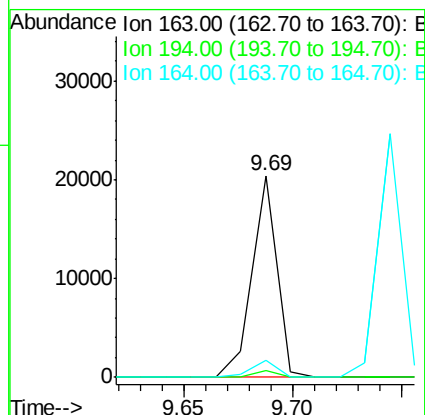
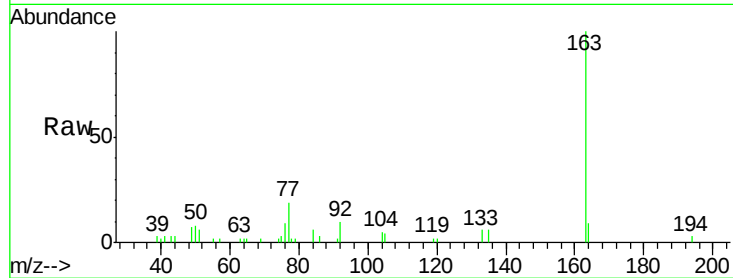
#49
Dimethylphthalate
Concen: 2.55 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Instrument :
BNA_F
ClientSampleId :
CONC1

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.5	3.7
164	8.8	8.0	12.0

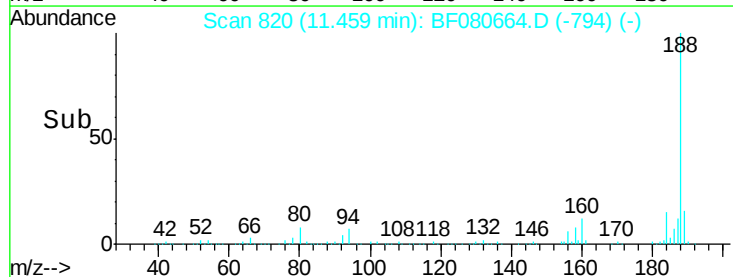
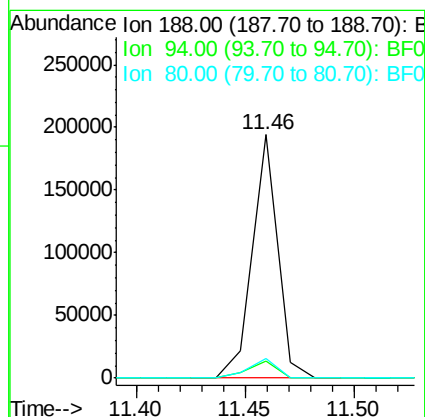
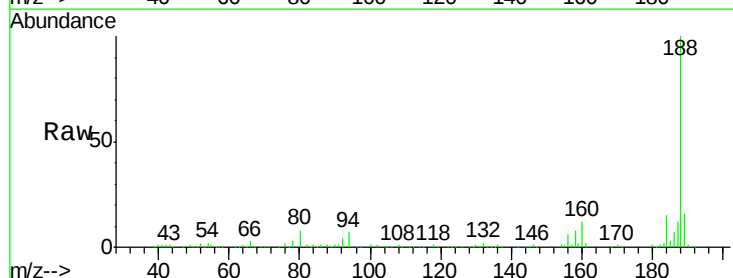
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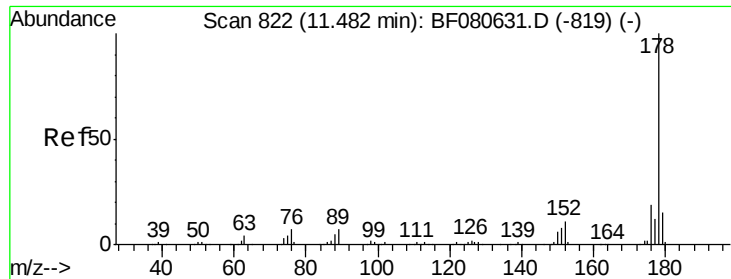
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.3	5.6	8.4
80	8.3	6.1	9.1





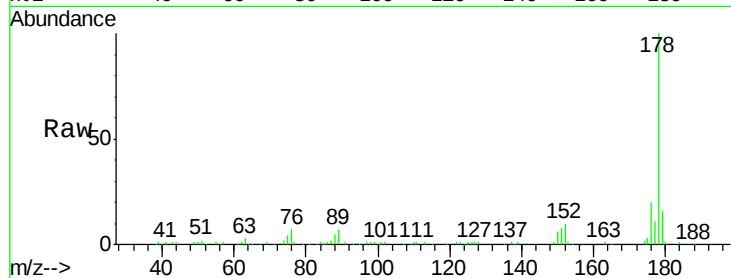
#70
Phenanthrene
Concen: 13.28 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Instrument :
BNA_F
ClientSampleId :
CONC1

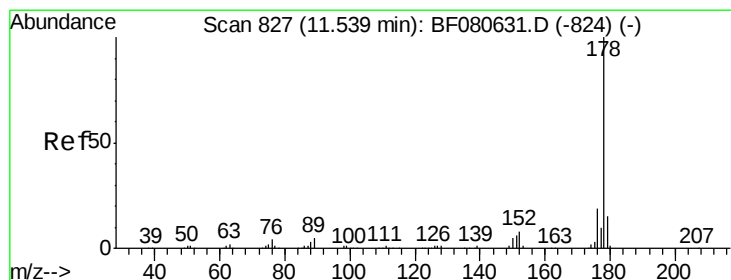
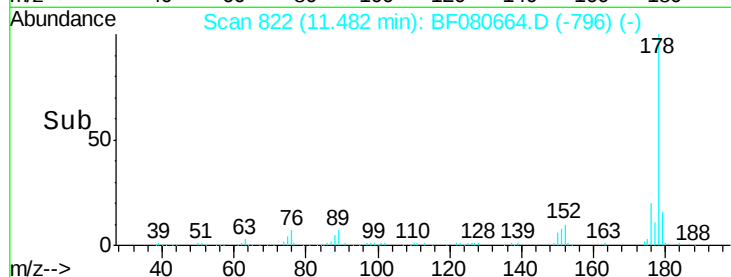
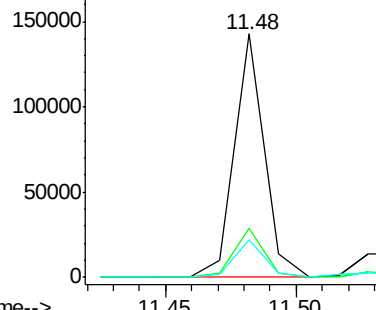
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	15.6	11.8	17.8

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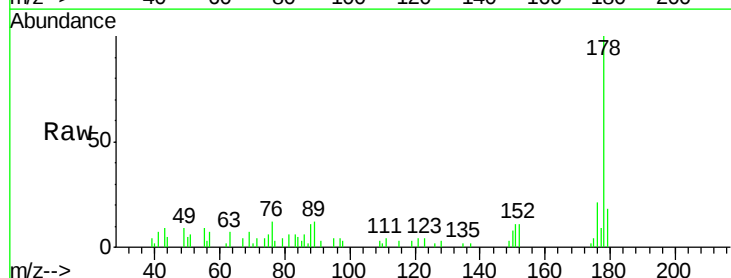


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

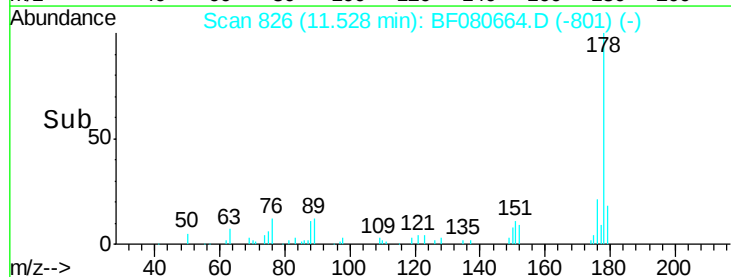
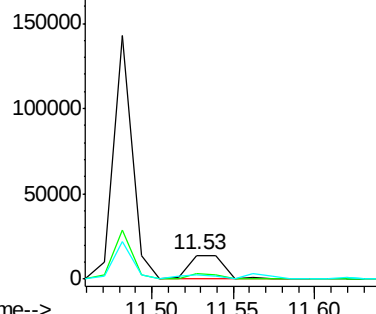


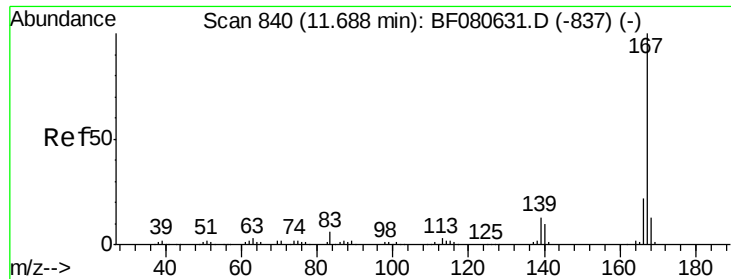
#71
Anthracene
Concen: 2.51 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.0	22.6
179	18.0	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.01 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF080664.D

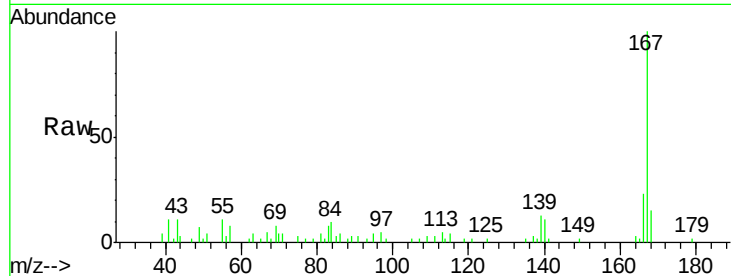
Acq: 25 Jul 2015 11:47

Instrument :

BNA_F

ClientSampleId :

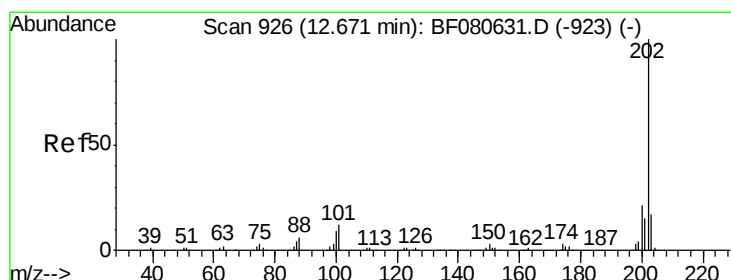
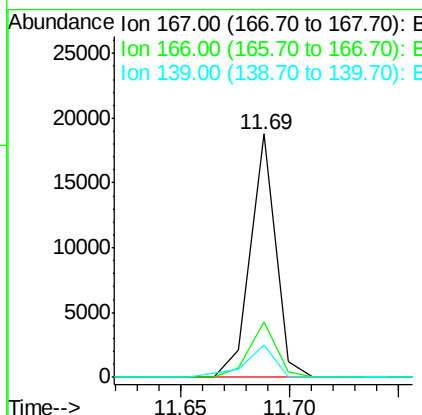
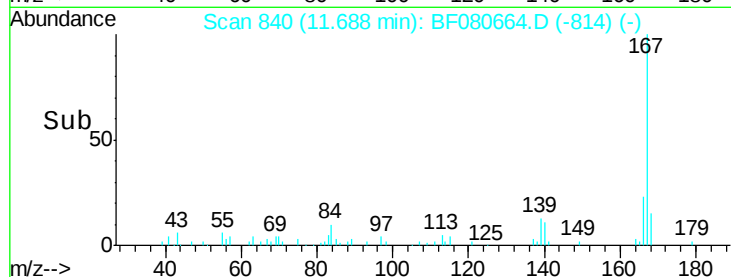
CONC1



Tgt Ion:	167	Resp:	15208
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.9	26.9
139	13.3	10.6	15.8

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#74

Fluoranthene

Concen: 20.71 ng

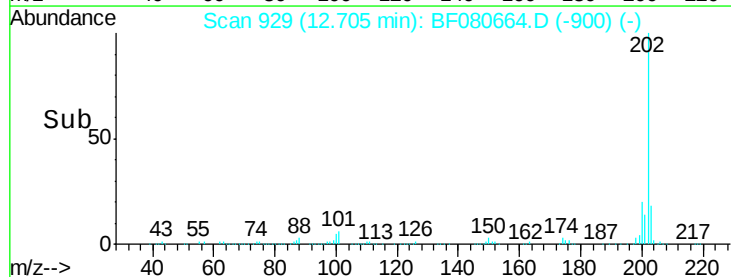
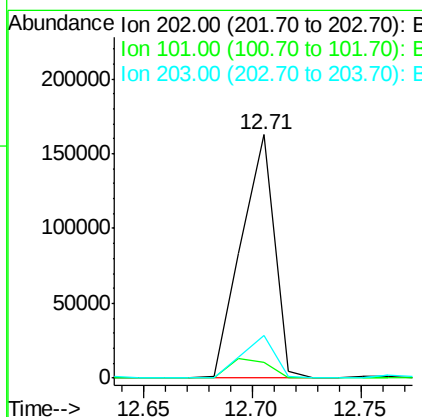
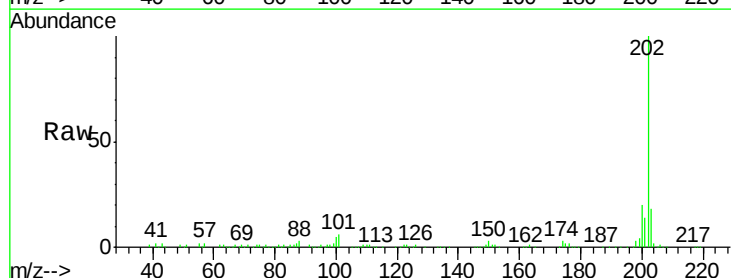
RT: 12.71 min Scan# 929

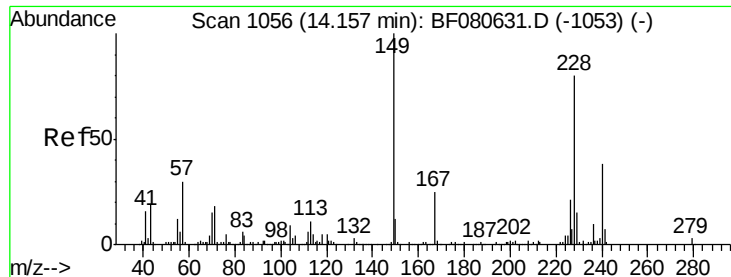
Delta R.T. 0.03 min

Lab File: BF080664.D

Acq: 25 Jul 2015 11:47

Tgt Ion:	202	Resp:	173165
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	32.0
203	17.6	0.0	37.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.32 min Scan# 1070

Delta R.T. 0.16 min

Lab File: BF080664.D

Acq: 25 Jul 2015 11:47

Instrument :

BNA_F

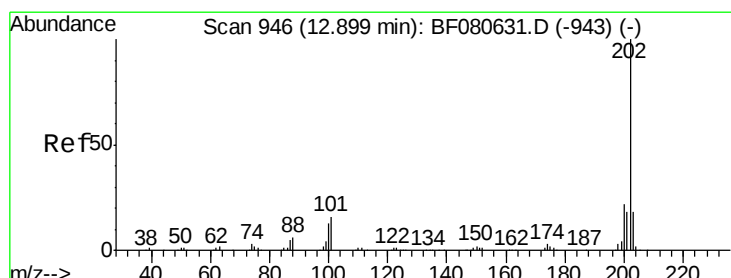
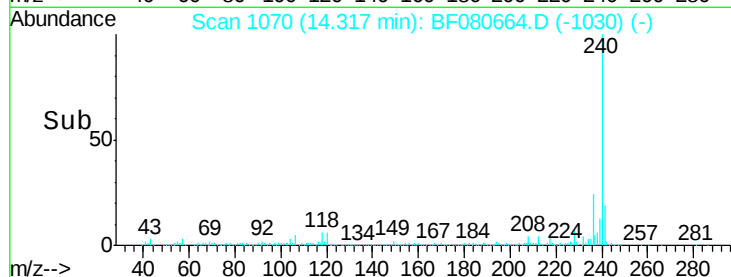
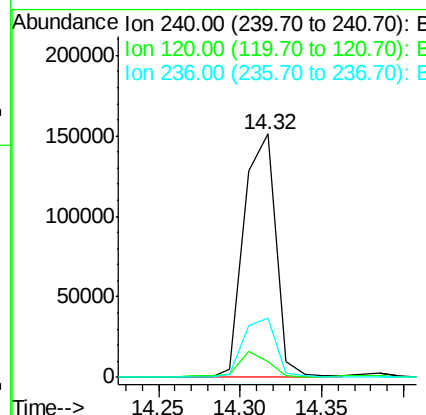
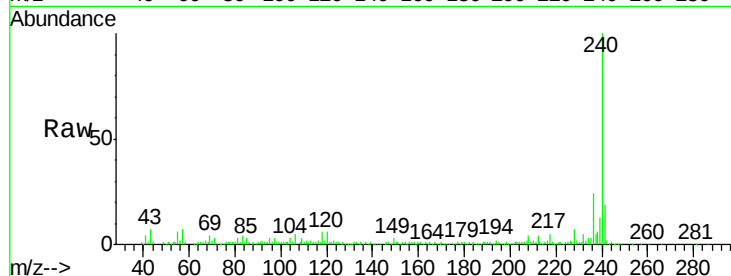
ClientSampleId :

CONC1

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		203620		
120	6.3		10.8	16.2	#
236	24.2		20.3	30.5	

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#77

Pyrene

Concen: 11.93 ng

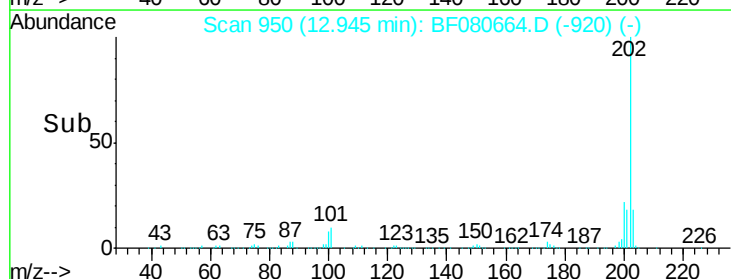
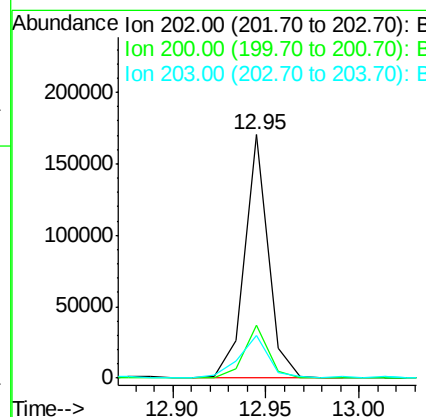
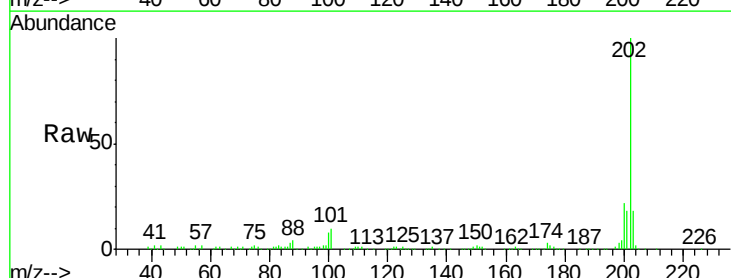
RT: 12.95 min Scan# 950

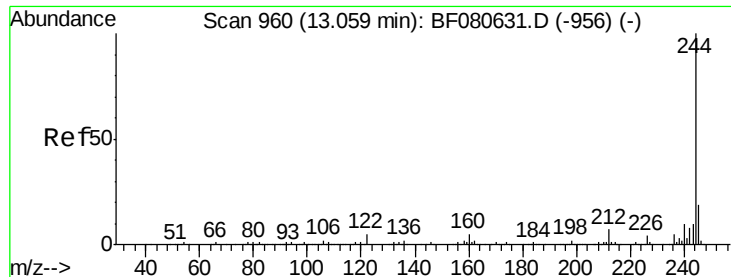
Delta R.T. 0.05 min

Lab File: BF080664.D

Acq: 25 Jul 2015 11:47

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		152133		
200	21.9		17.4	26.0	
203	17.6		14.6	22.0	





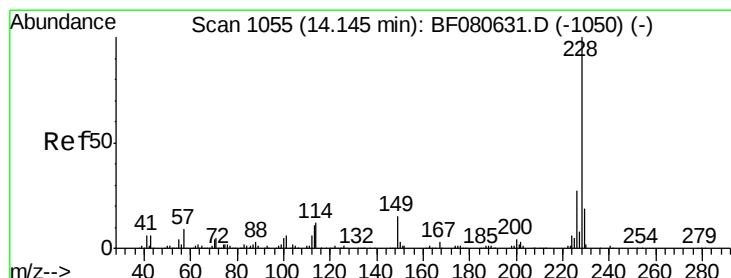
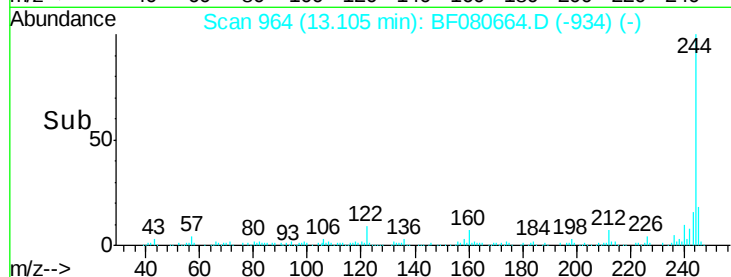
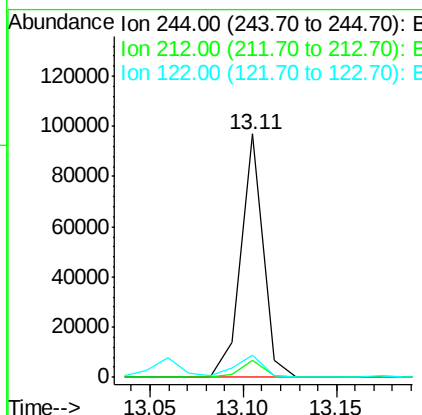
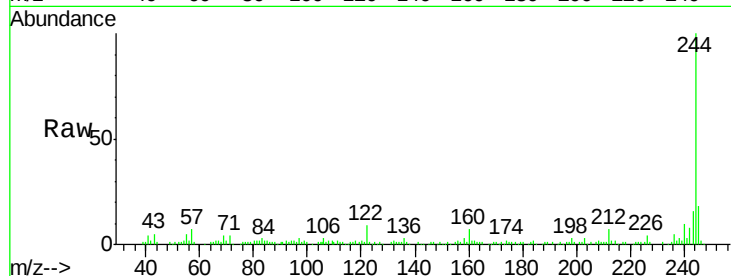
#78
 Terphenyl-d14
 Concen: 8.58 ng
 RT: 13.11 min Scan# 964
 Delta R.T. 0.05 min
 Lab File: BF080664.D
 Acq: 25 Jul 2015 11:47

Instrument :
 BNA_F
 ClientSampleId :
 CONC1

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	5.2	7.8
122	9.0	4.1	6.1

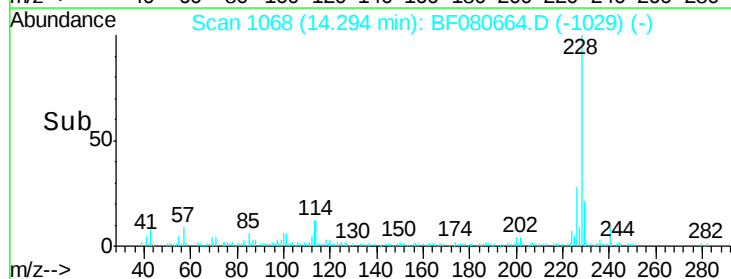
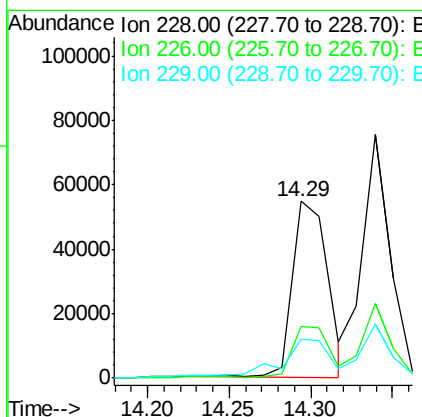
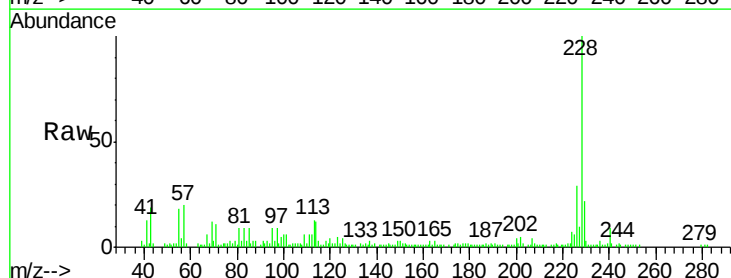
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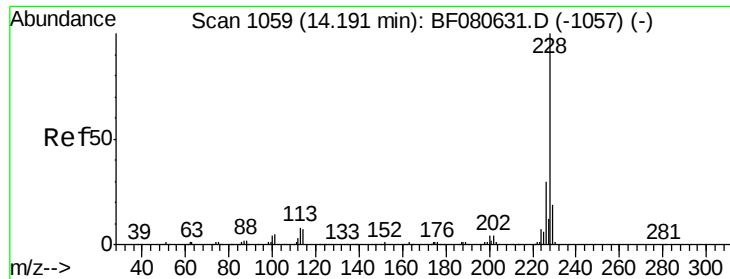
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#80
 Benzo(a)anthracene
 Concen: 6.87 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. 0.15 min
 Lab File: BF080664.D
 Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	21.4	32.0
229	22.2	15.4	23.0





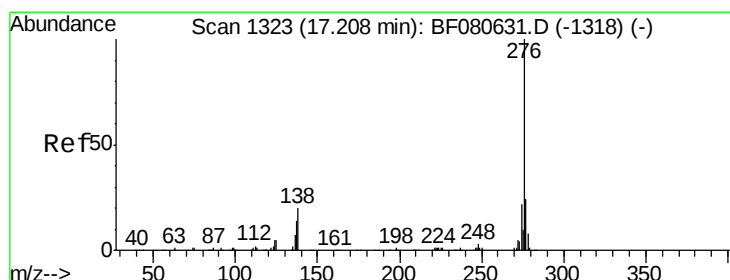
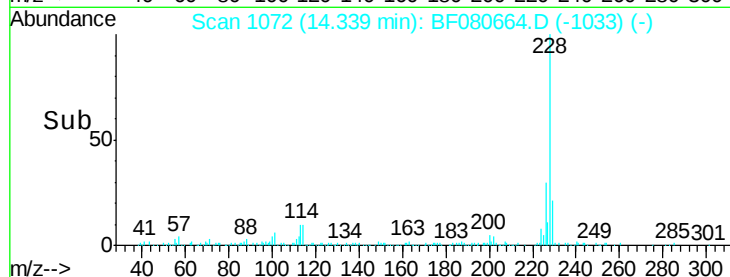
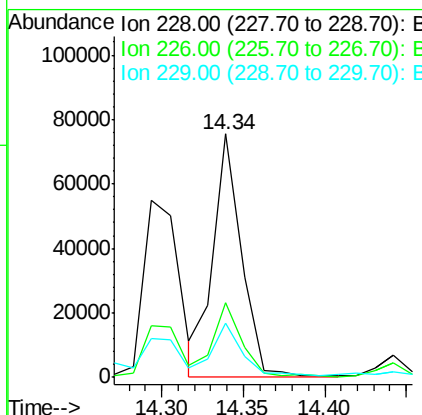
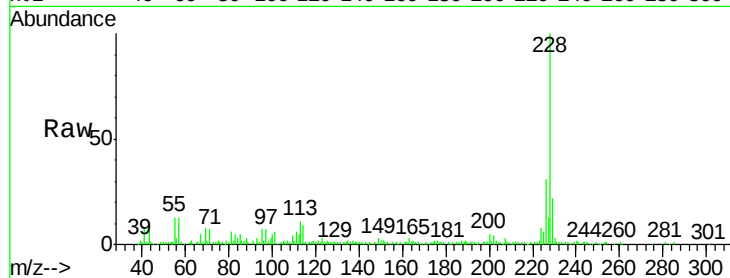
#82
Chrysene
Concen: 8.15 ng
RT: 14.34 min Scan# 1072
Delta R.T. 0.15 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Instrument :
BNA_F
ClientSampled :
CONC1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	91165		
226	30.6		24.2	36.4
229	22.2		15.4	23.2

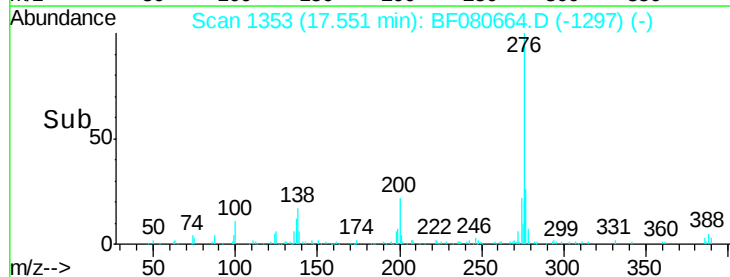
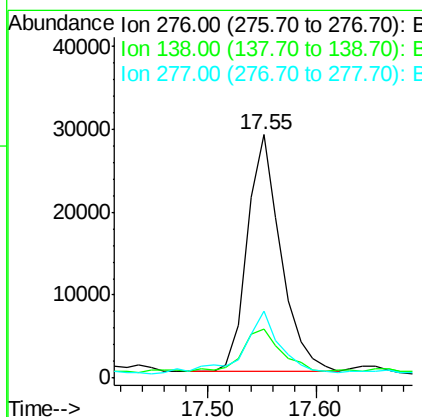
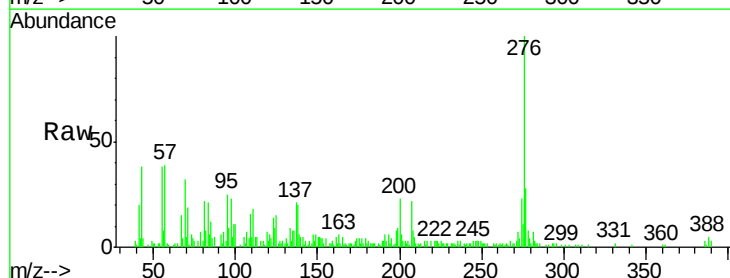
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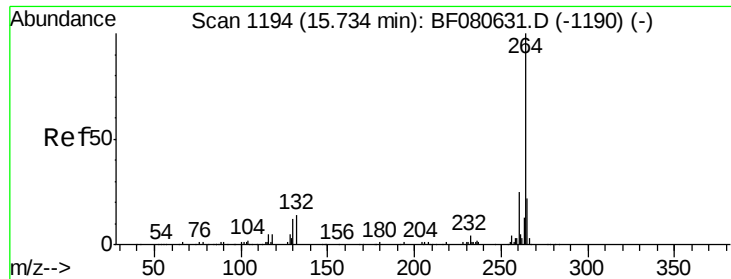
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.42 ng
RT: 17.55 min Scan# 1353
Delta R.T. 0.34 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	61353		
138	22.3		17.5	26.3
277	28.4		19.8	29.6





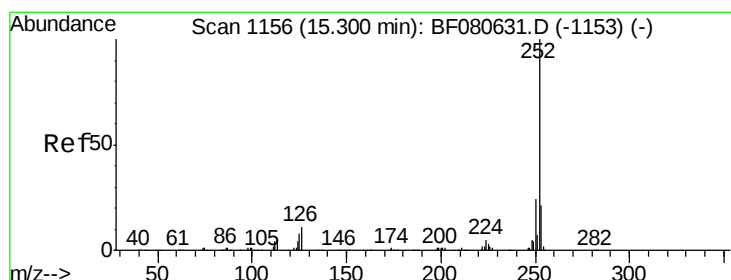
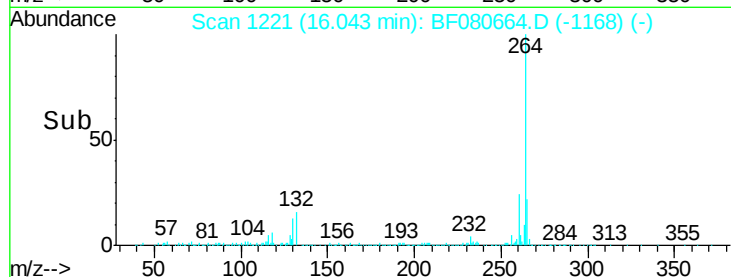
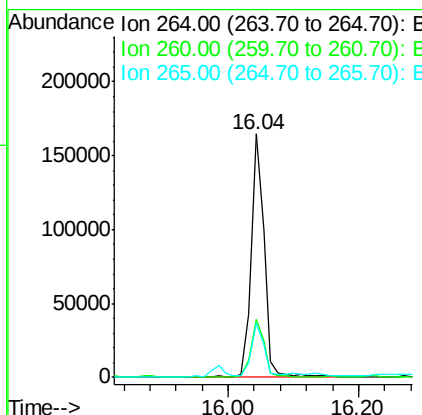
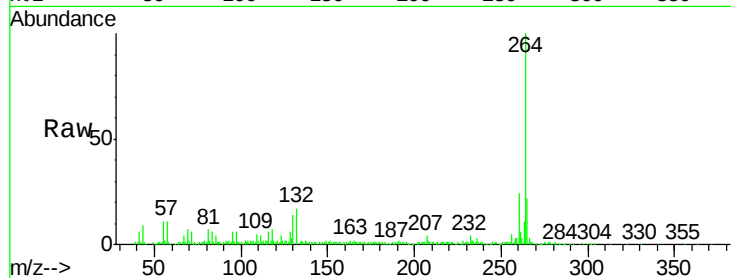
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1221
Delta R.T. 0.31 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Instrument :
BNA_F
ClientSampleId :
CONC1

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	228529		
260	23.9		20.1	30.1
265	22.4		17.4	26.0

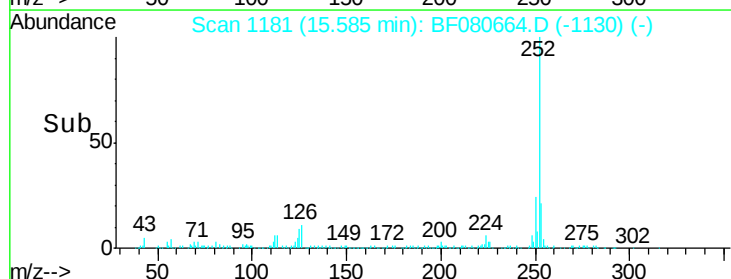
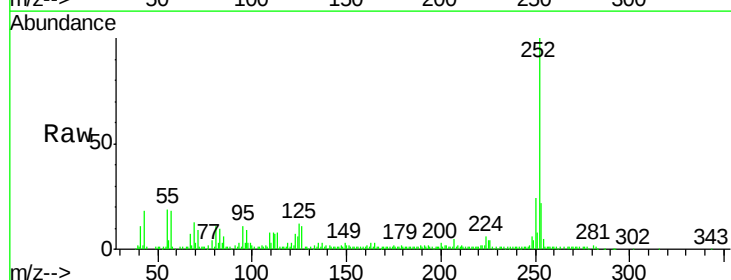
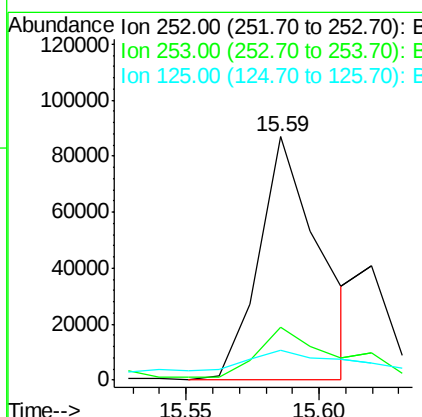
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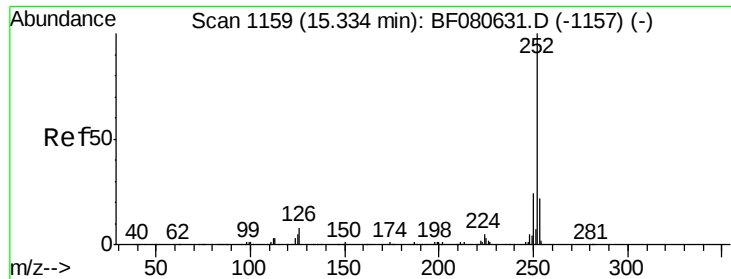
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#87
Benzo(b)fluoranthene
Concen: 10.03 ng m
RT: 15.59 min Scan# 1181
Delta R.T. 0.29 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	138884		
253	21.9		17.1	25.7
125	12.3		6.5	9.7#





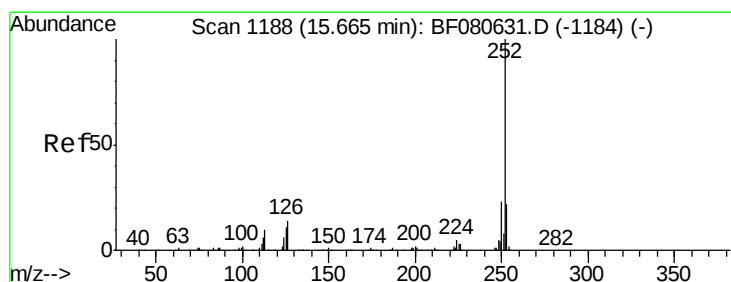
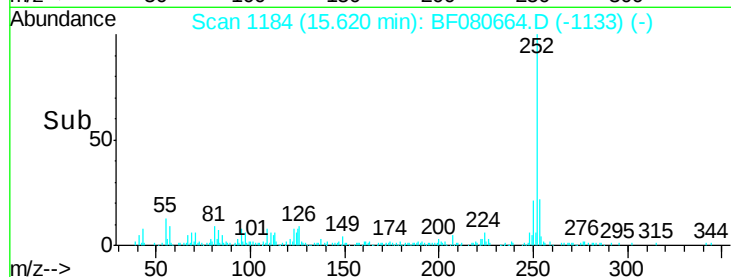
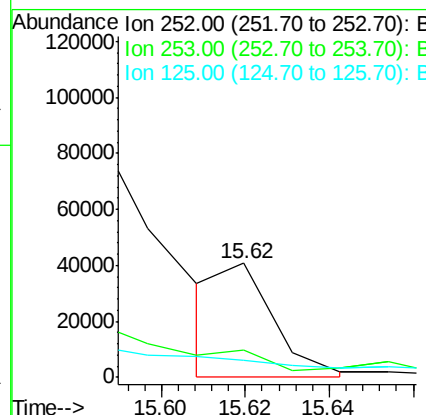
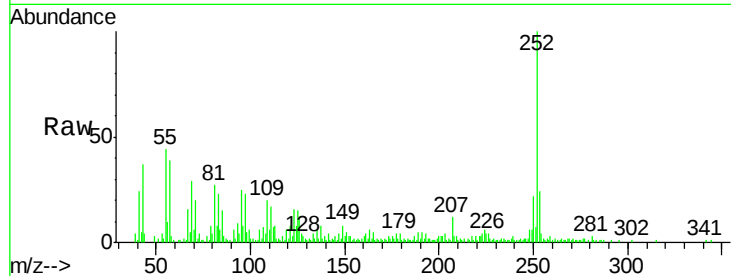
#88
Benzo(k)fluoranthene
Concen: 2.87 ng m
RT: 15.62 min Scan# 1184
Delta R.T. 0.29 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Instrument :
BNA_F
ClientSampled :
CONC1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	15.1	4.6	6.8#

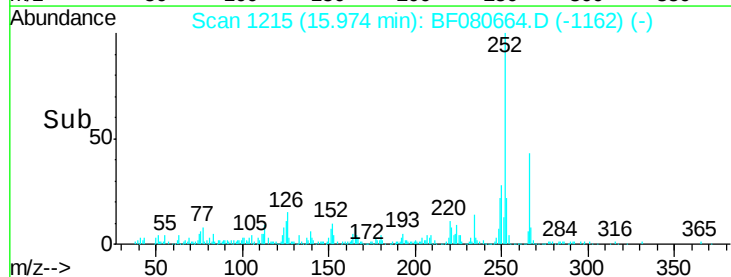
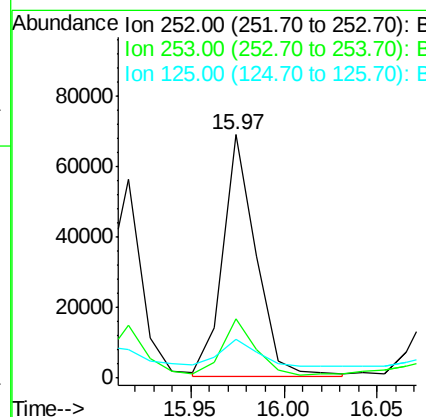
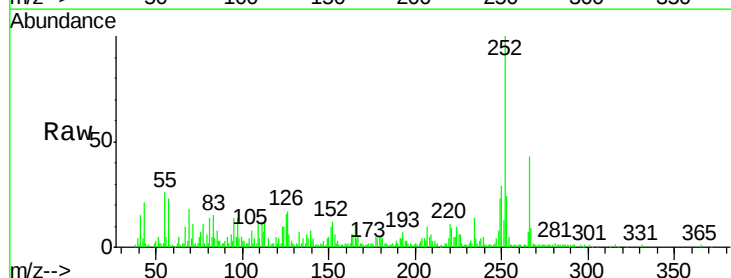
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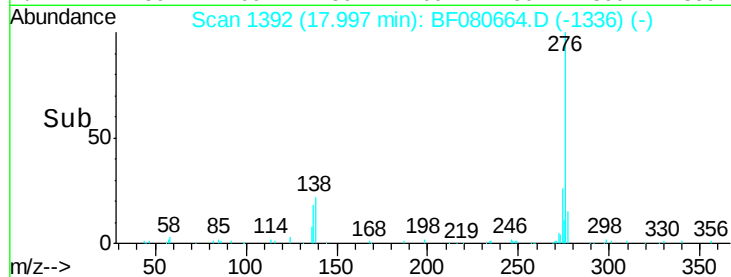
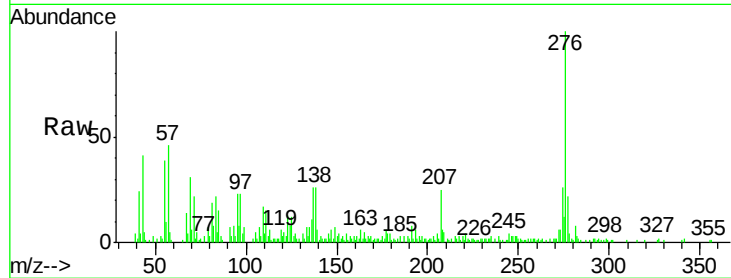
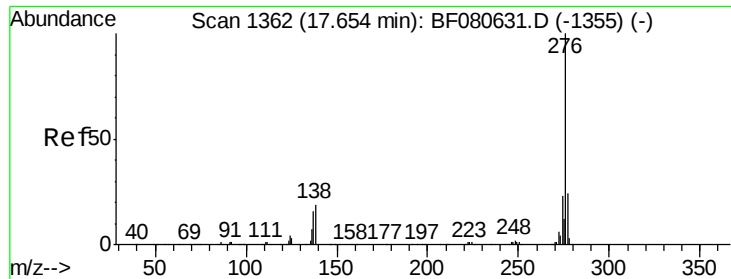
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#89
Benzo(a)pyrene
Concen: 6.79 ng
RT: 15.97 min Scan# 1215
Delta R.T. 0.31 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	15.7	9.1	13.7#





#91
Benzo(g,h,i)perylene
Concen: 5.12 ng
RT: 18.00 min Scan# 1392
Delta R.T. 0.34 min
Lab File: BF080664.D
Acq: 25 Jul 2015 11:47

Instrument :
BNA_F
ClientSampleId :
CONC1

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.0	28.4
138	25.8	14.8	22.2

Manual Integrations
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