

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE090001.D
 Acq On : 30 Jun 2015 4:08
 Operator : TP/IZ
 Sample : G2810-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0600006-150625

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Quant Time: Jun 30 08:06:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	19385	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	86493	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	53064	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	127665	5.00	ng	0.00
25) Chrysene-d12	21.13	240	162651	5.00	ng	0.00
32) Perylene-d12	23.46	264	165740	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	28441	6.39	ng	0.00
5) Phenol-d6	6.80	99	42470	6.81	ng	0.00
7) Nitrobenzene-d5	8.76	82	25136	3.66	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	11382	7.32	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	57302	3.59	ng	0.00
27) Terphenyl-d14	19.59	244	94604	3.49	ng	0.00
Target Compounds						
15) Acenaphthylene	13.95	152	2093	0.02	ng	Qvalue 98
22) Phenanthrene	17.01	178	797	0.02	ng	# 80
24) Fluoranthene	19.01	202	3010	0.08	ng	# 94
26) Pyrene	19.37	202	3130	0.08	ng	98
28) Benzo(a)anthracene	21.11	228	3212	0.08	ng	# 86
29) Chrysene	21.16	228	3328	0.08	ng	# 92
30) Bis(2-ethylhexyl)phthalate	21.06	149	8791	0.75	ng	97
31) Indeno(1,2,3-cd)pyrene	25.86	276	2027	0.05	ng	97
33) Benzo(b)fluoranthene	22.75	252	4554	0.12	ng	# 81
34) Benzo(k)fluoranthene	22.79	252	1625m	0.04	ng	
35) Benzo(a)pyrene	23.35	252	2728	0.08	ng	# 73
37) Benzo(g,h,i)perylene	26.60	276	2114	0.06	ng	# 57

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

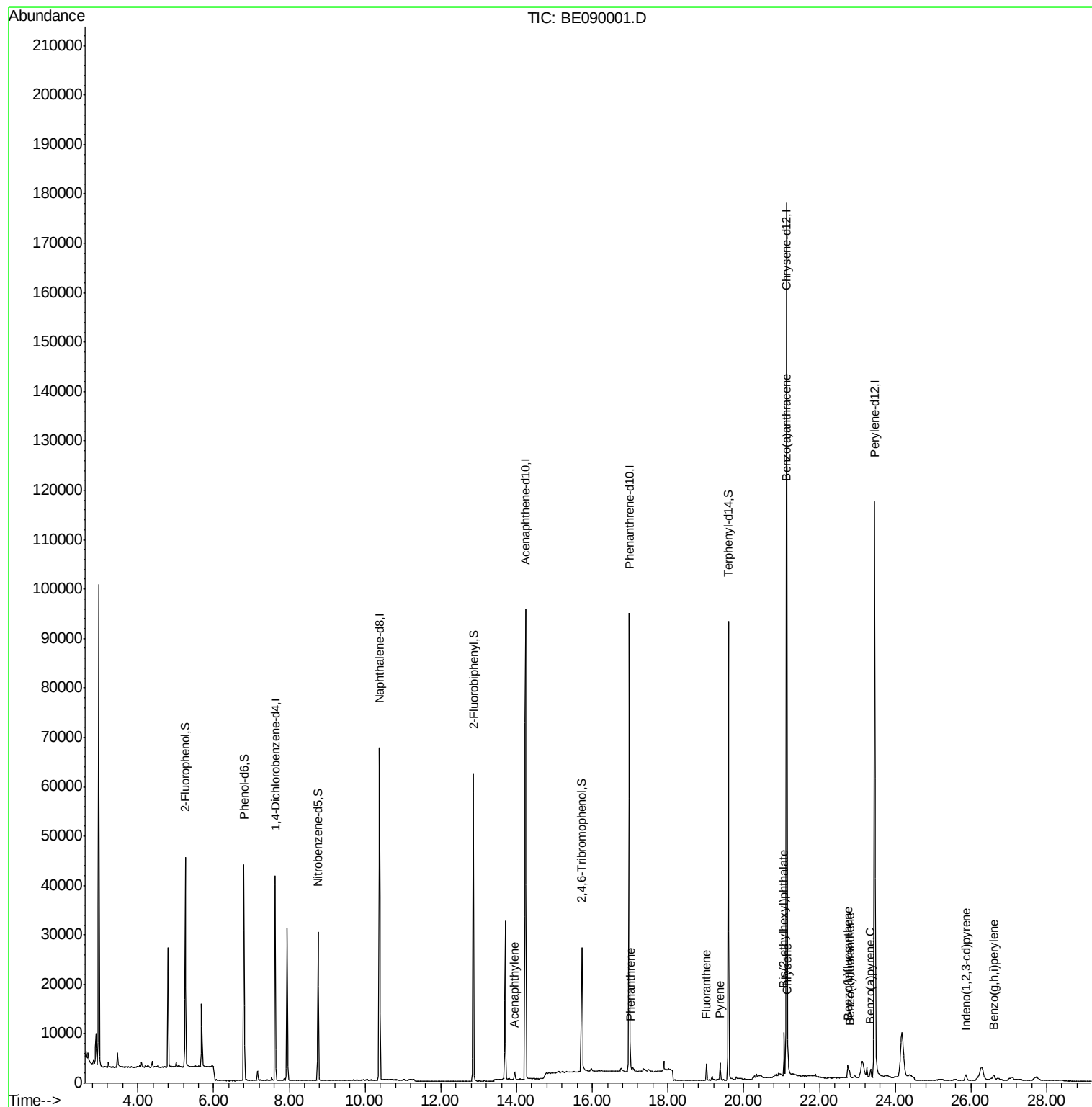
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE090001.D
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Operator : TP/IZ
Sample : G2810-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

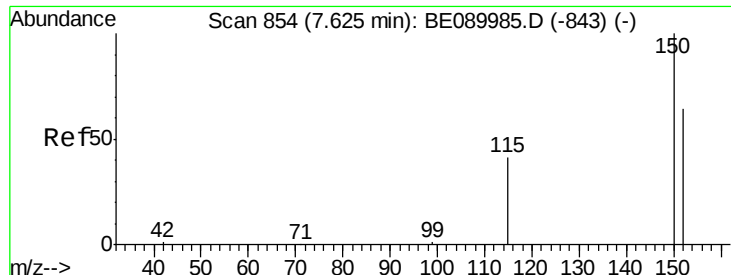
Instrument :
BNA_E
ClientSampleId :
X1SS0600006-150625

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 854

Delta R.T. 0.00 min

Lab File: BE090001.D

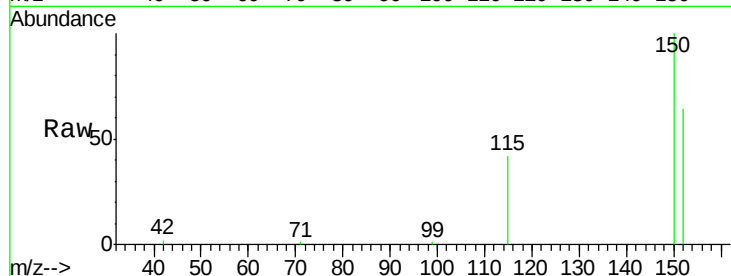
Acq: 30 Jun 2015 4:08

Instrument :

BNA_E

ClientSampleId :

X1SS0600006-150625



Tgt Ion:152 Resp: 19385

Ion Ratio Lower Upper

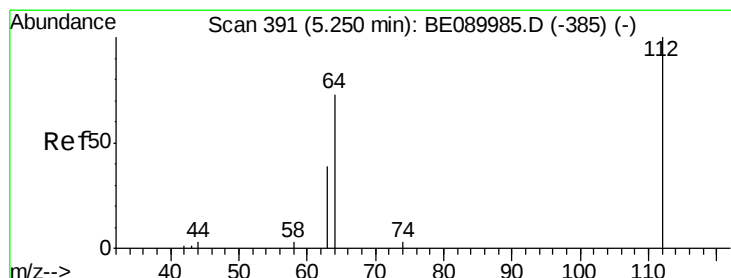
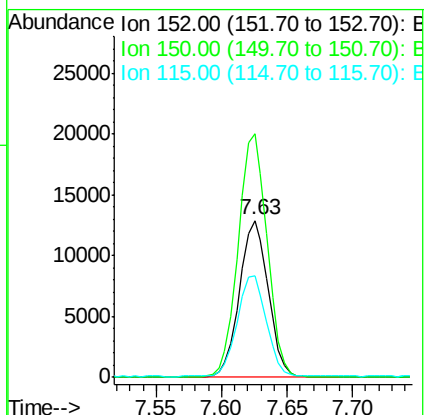
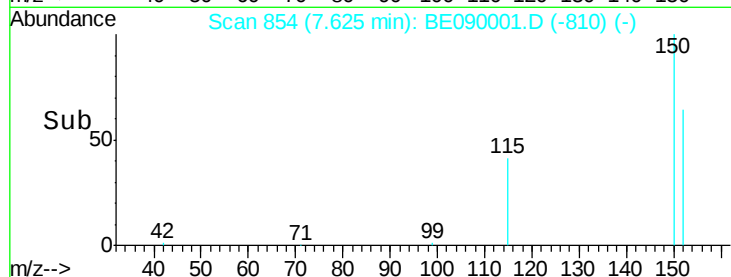
152 100

150 155.5 123.9 185.9

115 64.6 50.6 76.0

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#4

2-Fluorophenol

Concen: 6.39 ng

RT: 5.25 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

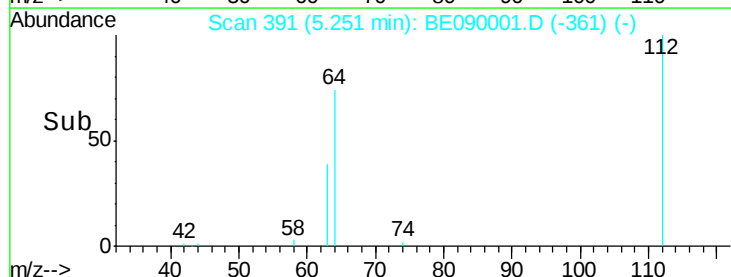
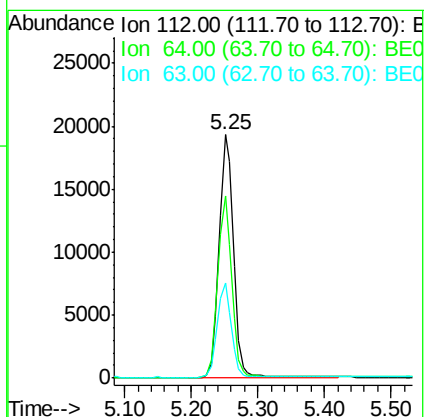
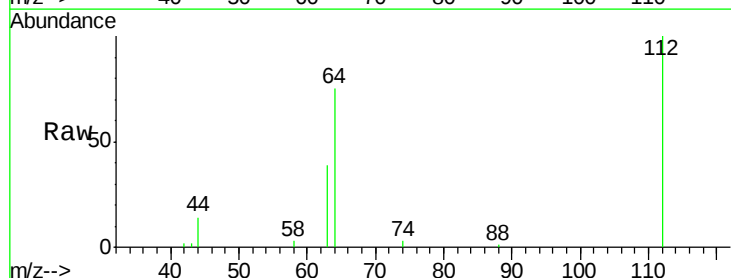
Tgt Ion:112 Resp: 28441

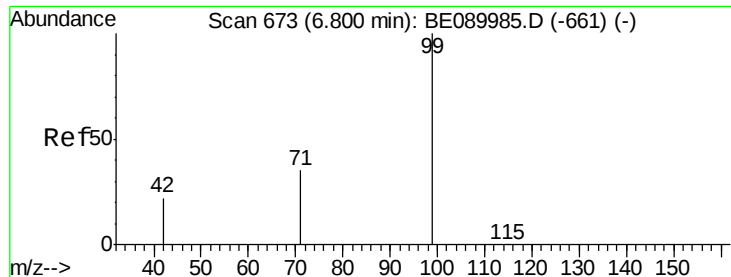
Ion Ratio Lower Upper

112 100

64 72.8 56.3 84.5

63 38.1 29.8 44.6





#5

Phenol-d6

Concen: 6.81 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

Instrument :

BNA_E

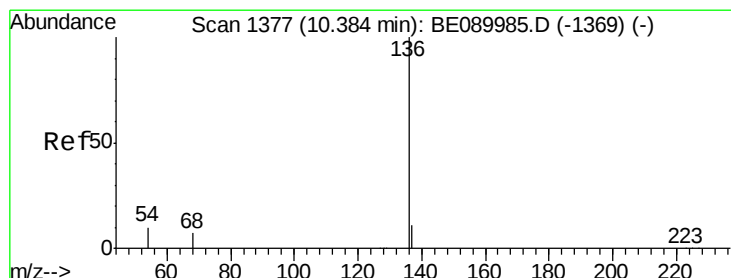
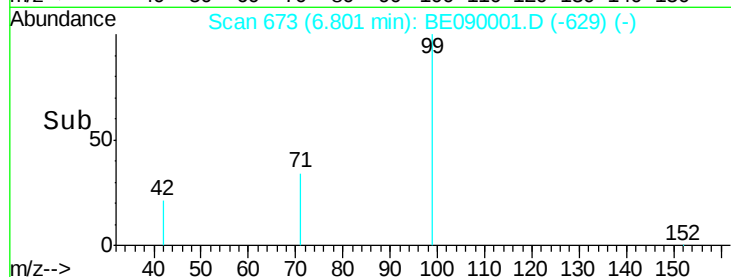
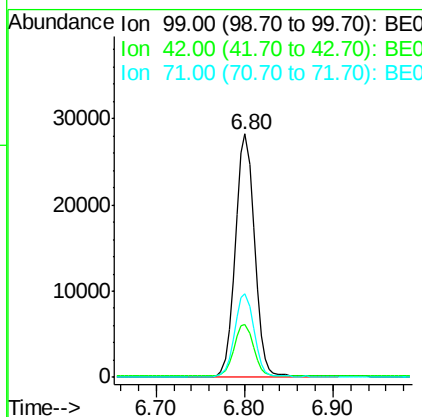
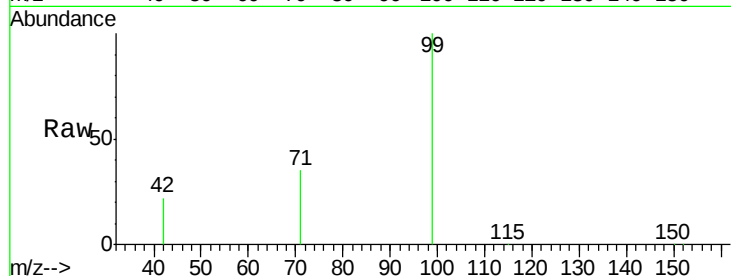
ClientSampleId :

X1SS0600006-150625

Tgt Ion:	99	Resp:	42470
Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.7	28.1
71	34.4	27.5	41.3

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#6

Naphthalene-d8

Concen: 5.00 ng

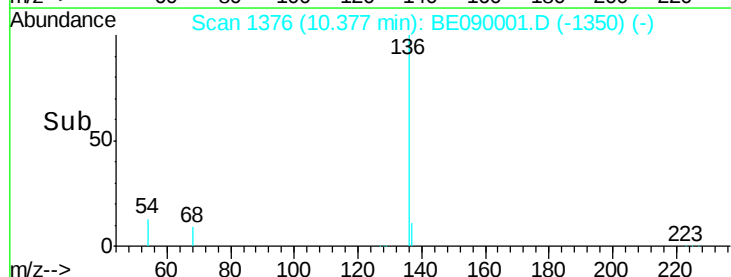
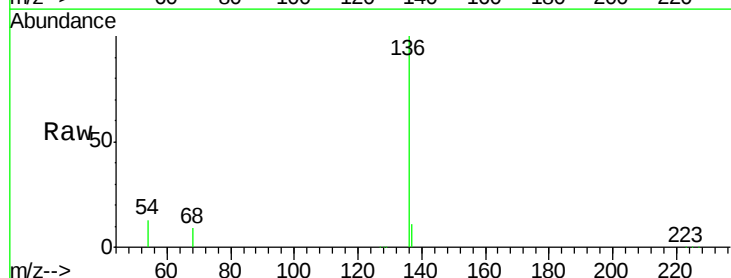
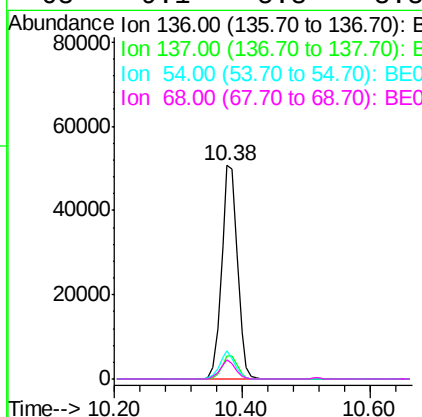
RT: 10.38 min Scan# 1376

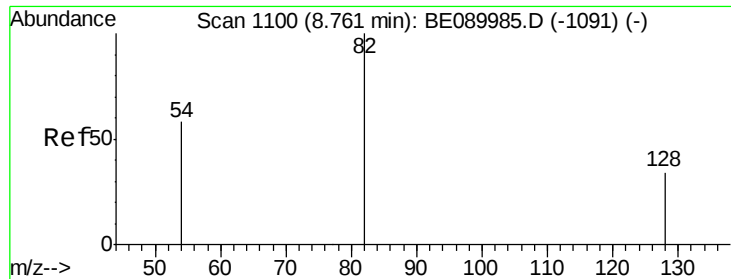
Delta R.T. -0.01 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

Tgt Ion:	136	Resp:	86493
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	13.2	8.2	12.4#
68	9.1	5.8	8.8#





#7

Nitrobenzene-d5

Concen: 3.66 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090001.D

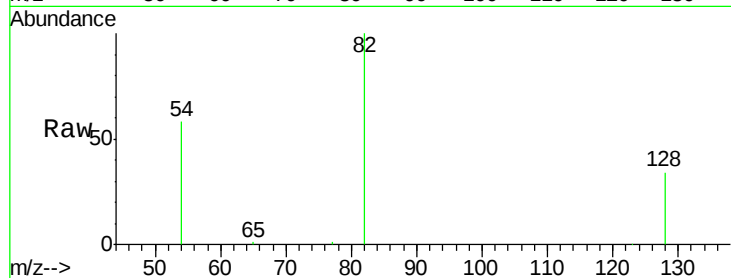
Acq: 30 Jun 2015 4:08

Instrument :

BNA_E

ClientSampleId :

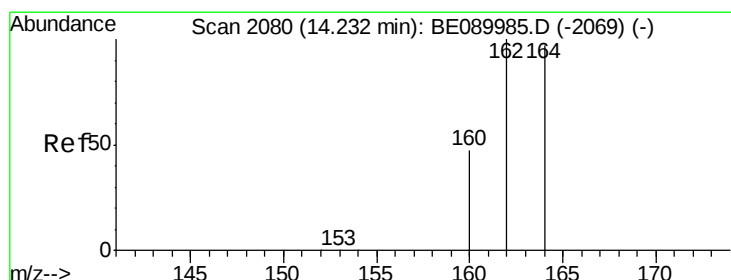
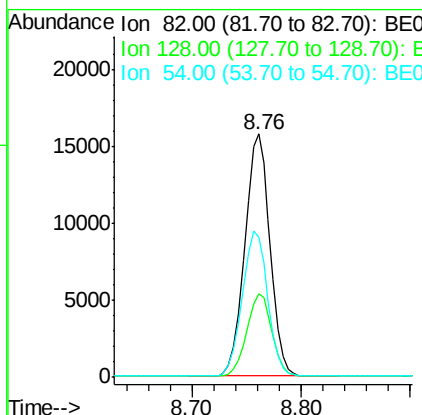
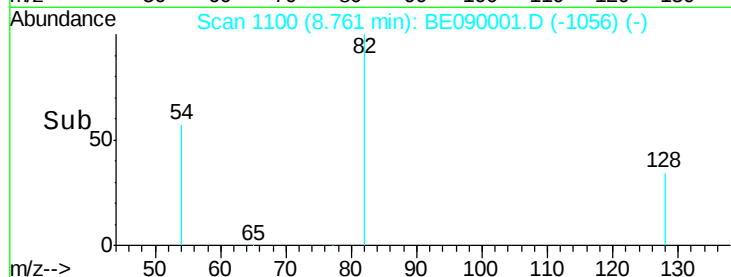
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Tgt Ion	82	128	54
Ratio	100	34.5	57.7
Lower		28.0	47.6
Upper		42.0	71.4

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#12

Acenaphthene-d10

Concen: 5.00 ng

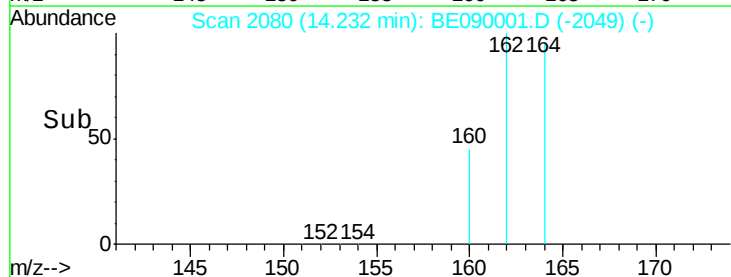
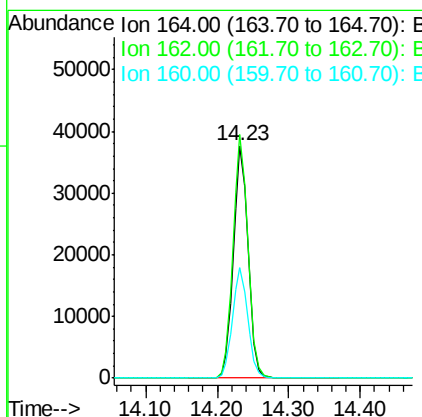
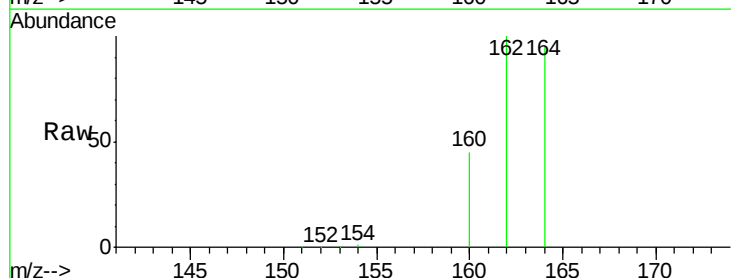
RT: 14.23 min Scan# 2080

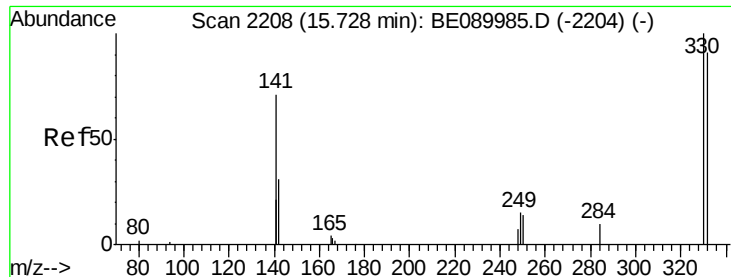
Delta R.T. 0.00 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

Tgt Ion	164	162	160
Ratio	100	104.8	47.4
Lower		82.2	39.0
Upper		123.4	58.6





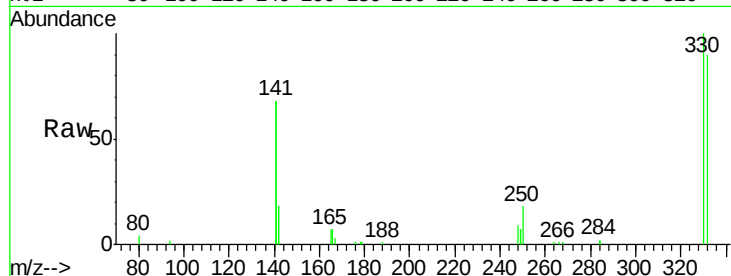
#13
 2,4,6-Tribromophenol
 Concen: 7.32 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090001.D
 Acq: 30 Jun 2015 4:08

Instrument :
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 ClientSampleId :
 X1SS0600006-150625

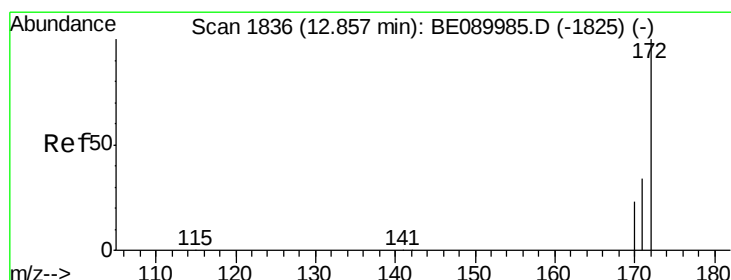
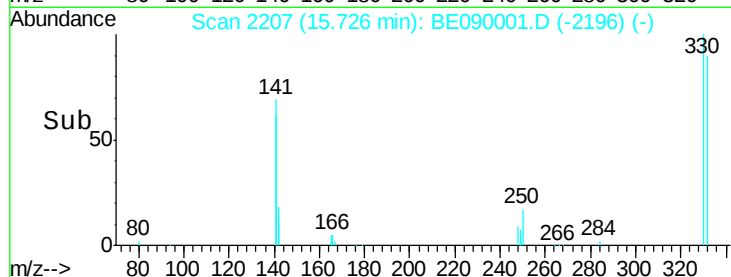
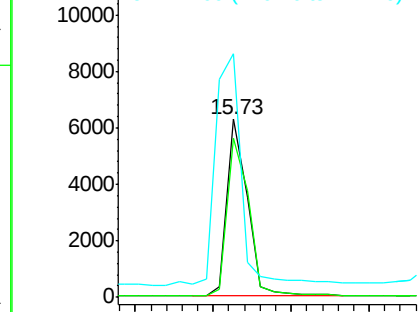
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.4	114.6
141	163.4	130.3	195.5

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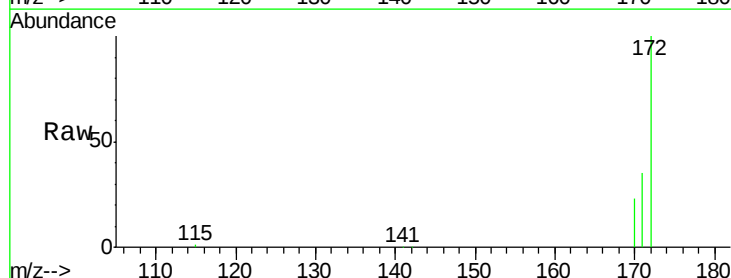


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

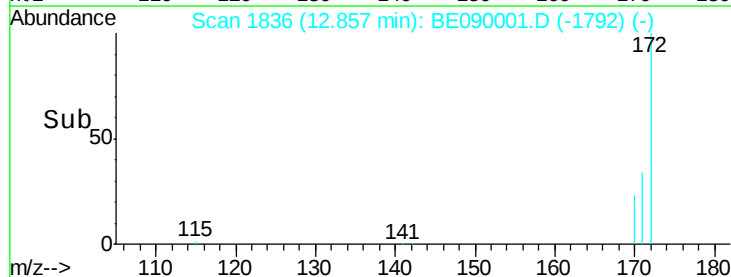
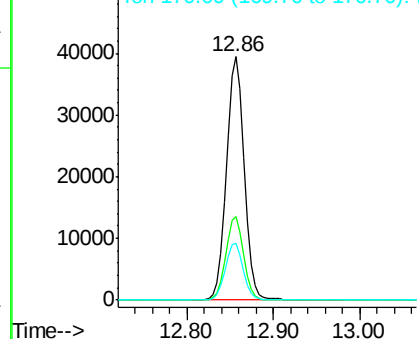


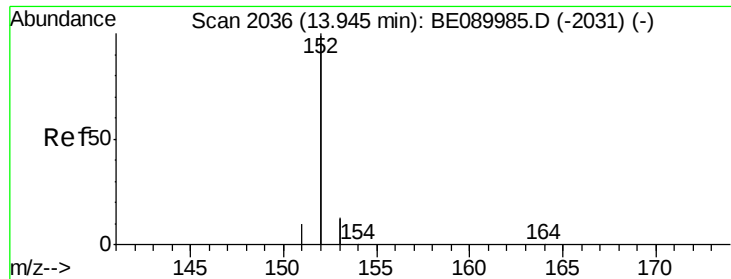
#14
 2-Fluorobiphenyl
 Concen: 3.59 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE090001.D
 Acq: 30 Jun 2015 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.3	18.3	27.5



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





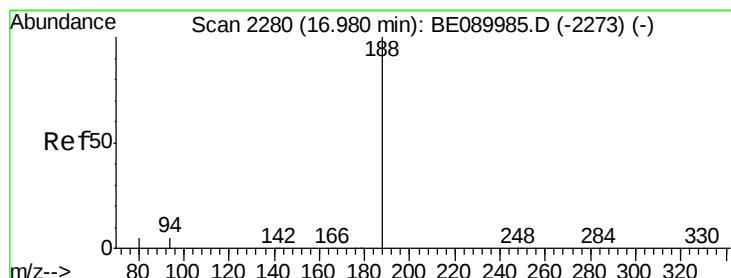
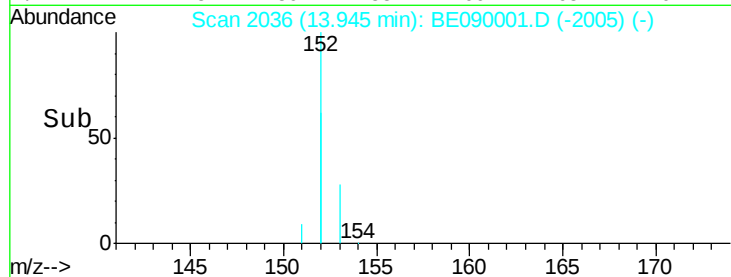
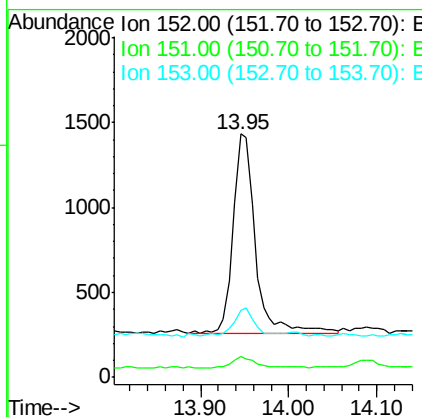
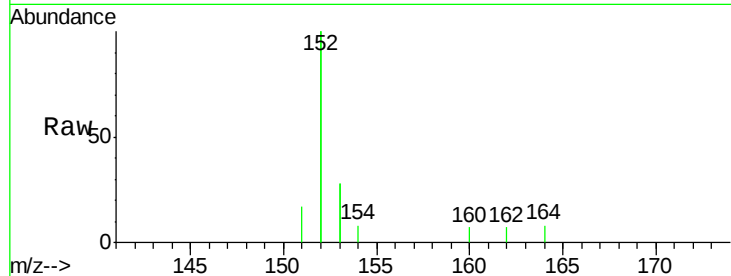
#15
Acenaphthylene
Concen: 0.02 ng
RT: 13.95 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08

Instrument :
BNA_E
ClientSampleId :
X1SS0600006-150625

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.9	10.4	15.6

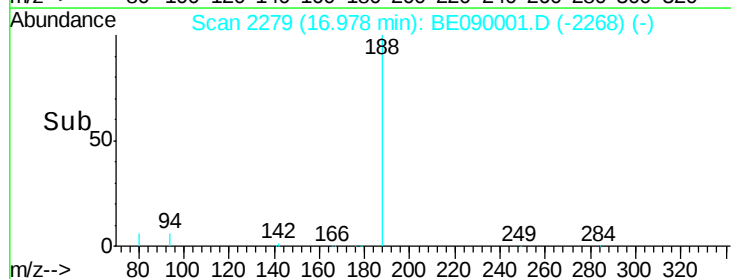
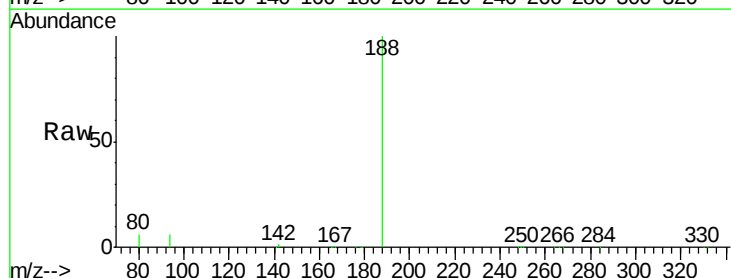
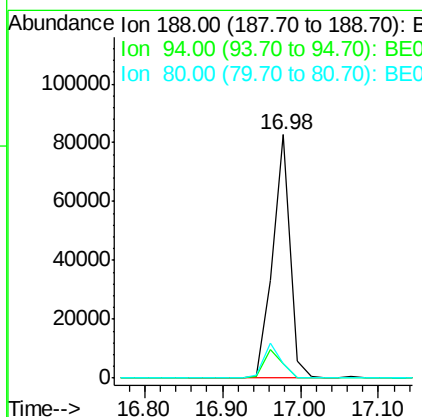
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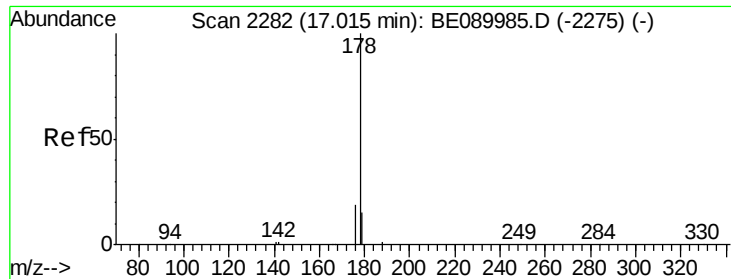
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.1	6.1
80	5.8	4.2	6.2





#22

Phenanthrene

Concen: 0.02 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090001.D

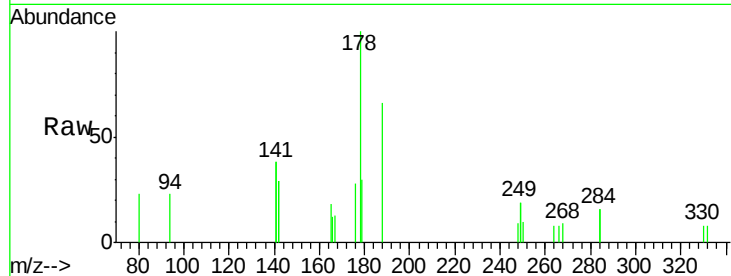
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Instrument :

BNA_E

ClientSampleId :

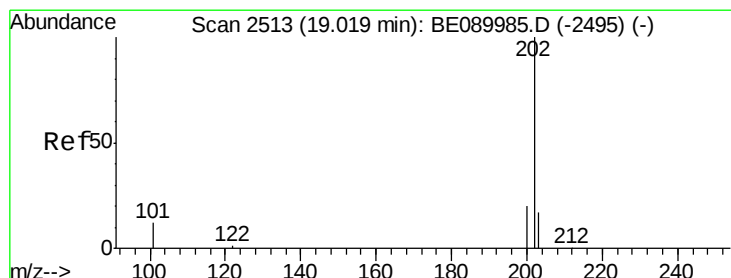
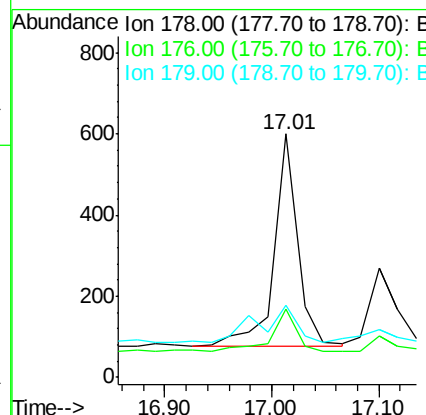
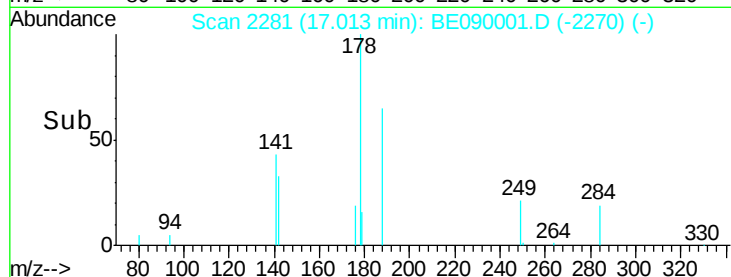
X1SS0600006-150625



Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.2	15.3	22.9#
179	29.6	12.4	18.6#

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#24

Fluoranthene

Concen: 0.08 ng

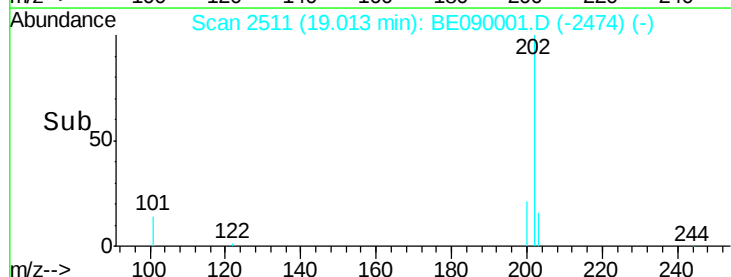
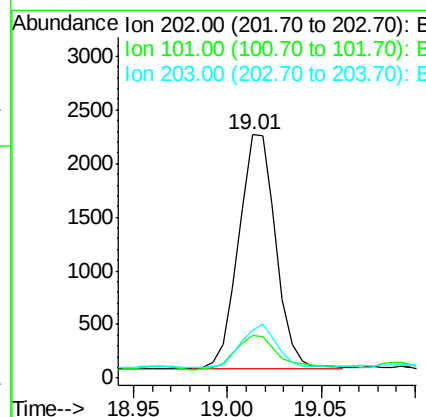
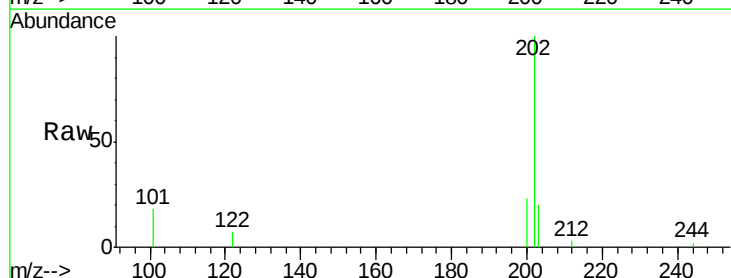
RT: 19.01 min Scan# 2511

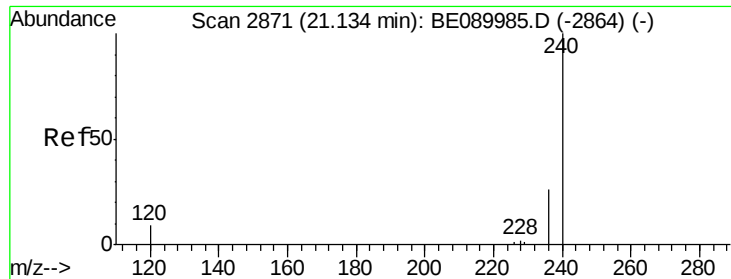
Delta R.T. -0.01 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.0	10.6	15.8#
203	18.0	13.8	20.6





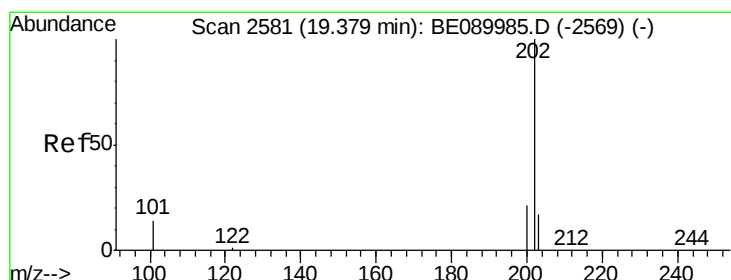
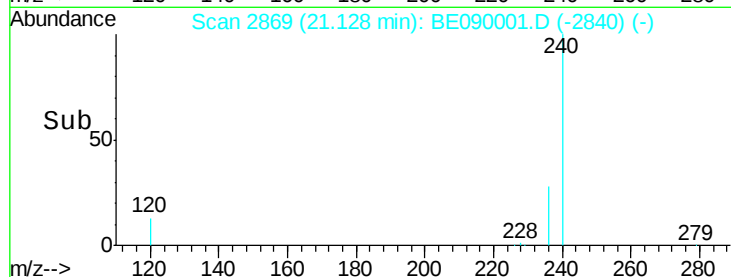
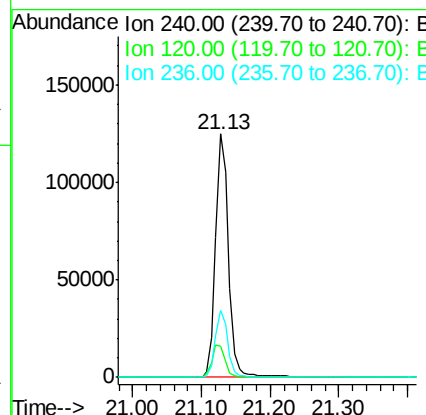
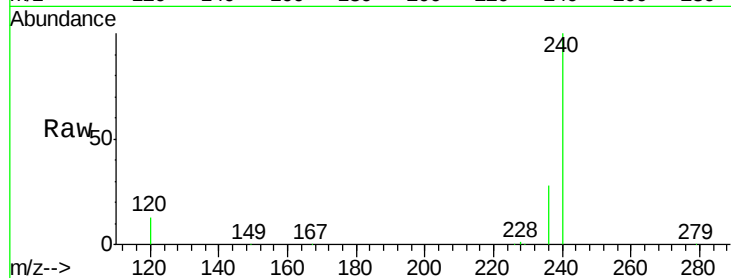
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08

Instrument :
BNA_E
ClientSampleId :
X1SS0600006-150625

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.9	10.3#
236	27.8	20.8	31.2

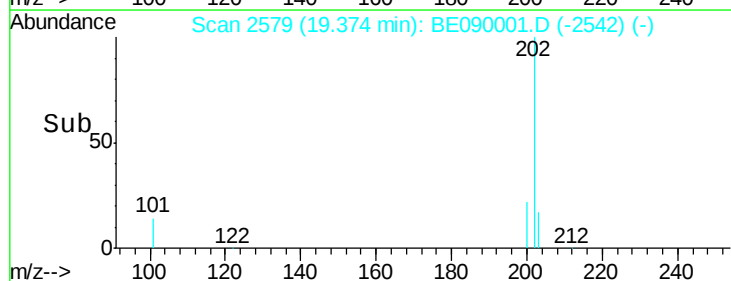
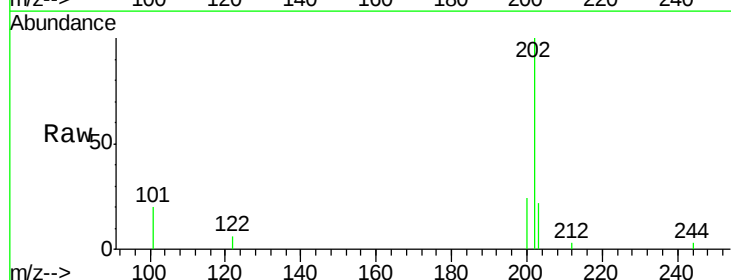
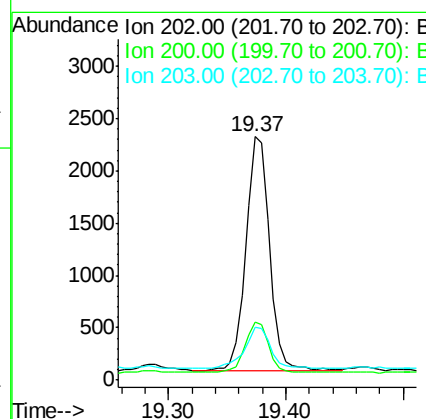
Manual Integrations
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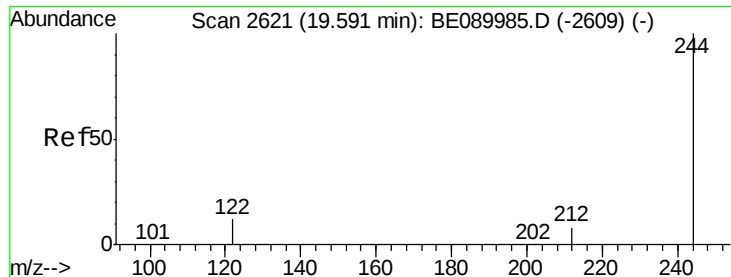
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6/30/2015 4:55:02 PM



#26
Pyrene
Concen: 0.08 ng
RT: 19.37 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	19.4	13.9	20.9





#27

Terphenyl-d14

Concen: 3.49 ng

RT: 19.59 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BE090001.D

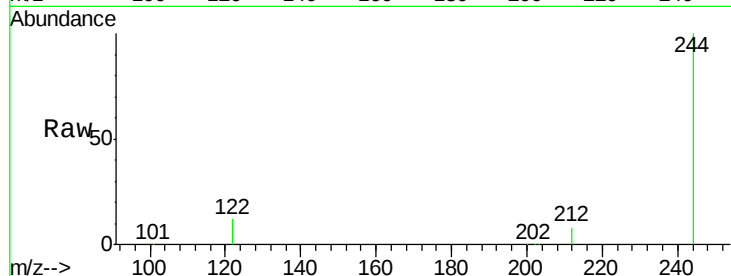
Acq: 30 Jun 2015 4:08

Instrument :

BNA_E

ClientSampleId :

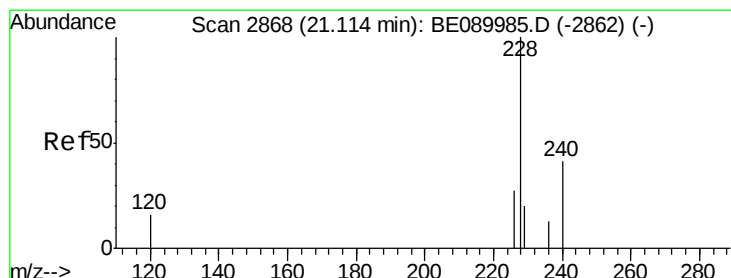
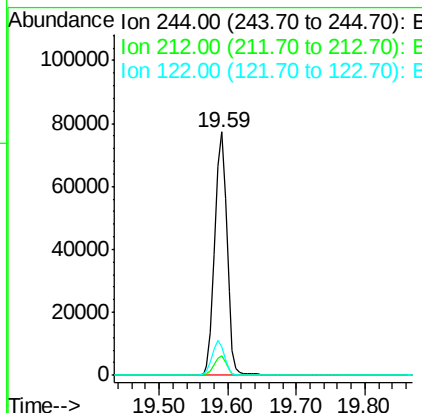
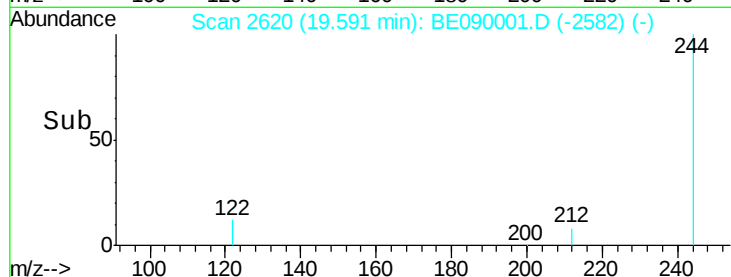
X1SS0600006-150625



Tgt Ion:	244	Resp:	94604
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.6	9.8
122	11.8	9.8	14.8

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#28

Benzo(a)anthracene

Concen: 0.08 ng

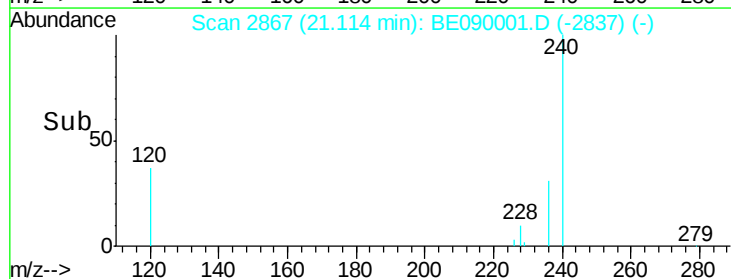
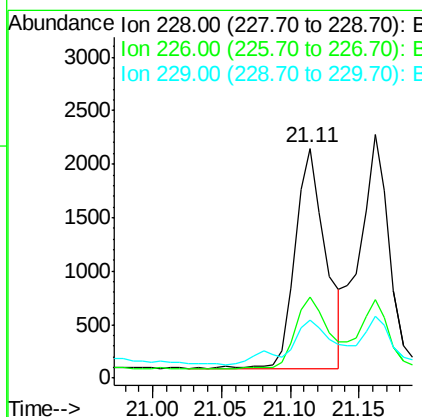
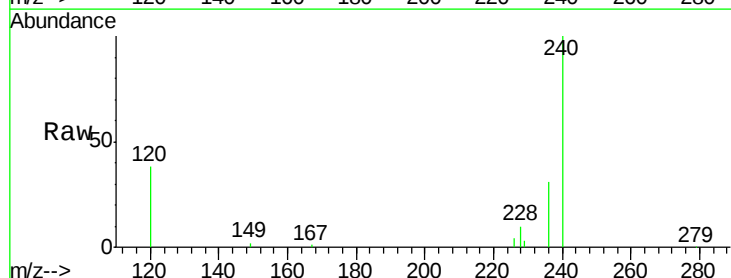
RT: 21.11 min Scan# 2867

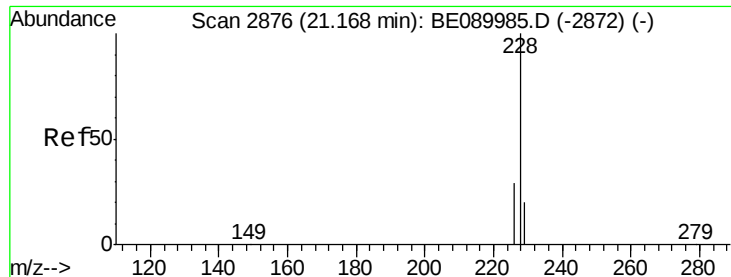
Delta R.T. 0.00 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

Tgt Ion:	228	Resp:	3212
Ion Ratio	Lower	Upper	
228	100		
226	35.0	21.8	32.6#
229	25.3	15.8	23.6#





#29

Chrysene

Concen: 0.08 ng

RT: 21.16 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

Instrument :

BNA_E

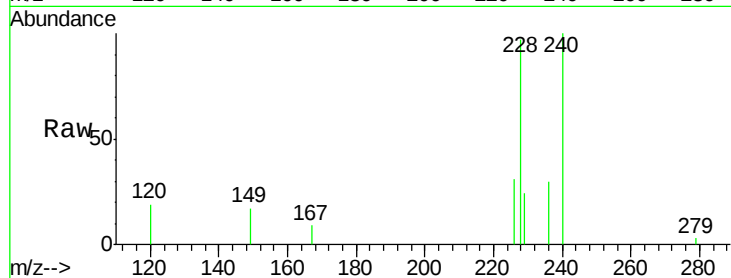
ClientSampleId :

X1SS0600006-150625

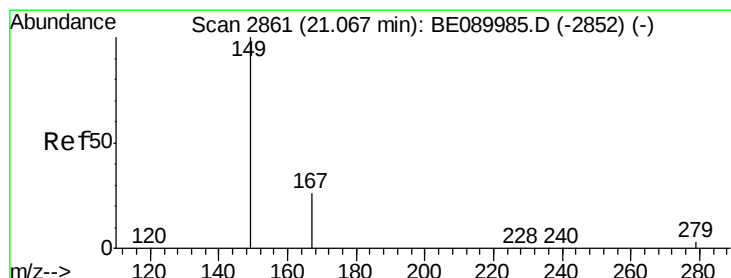
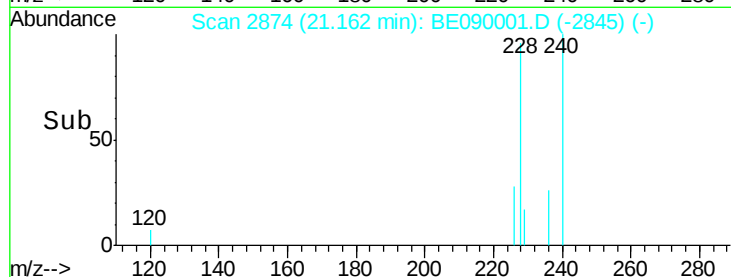
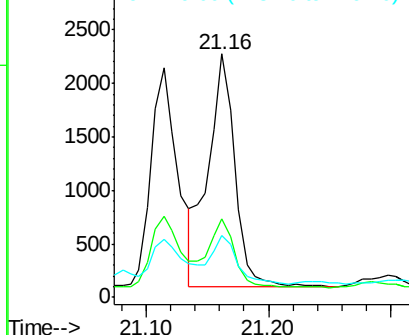
Tgt Ion:	228	Resp:	3328
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	25.3	16.2	24.2

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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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.75 ng

RT: 21.06 min Scan# 2859

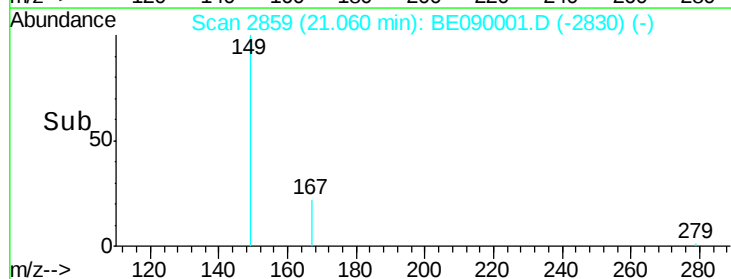
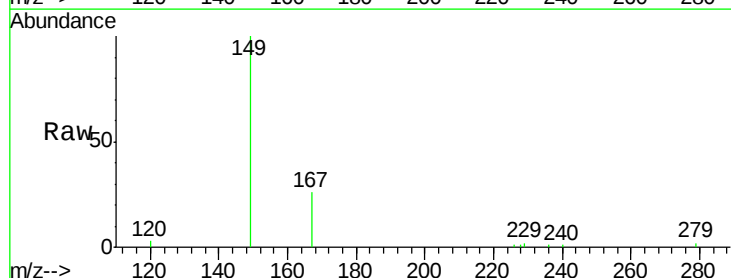
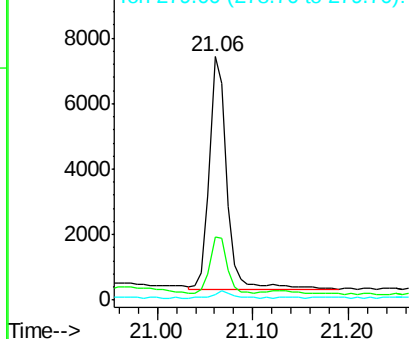
Delta R.T. -0.01 min

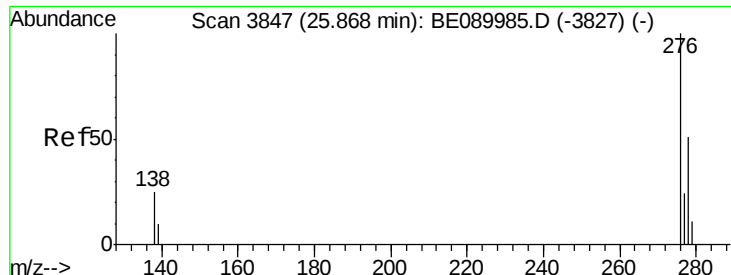
Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

Tgt Ion:	149	Resp:	8791
Ion Ratio	Lower	Upper	
149	100		
167	24.0	20.3	30.5
279	2.7	2.6	3.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 25.86 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BE090001.D

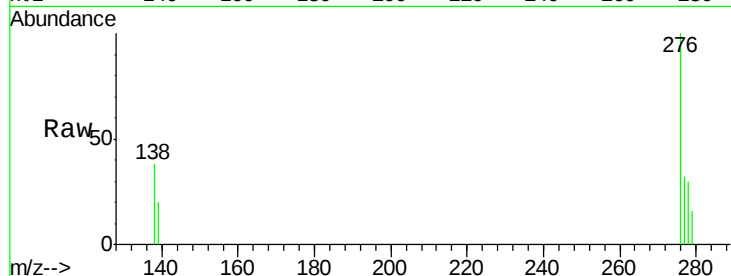
Acq: 30 Jun 2015 4:08

Instrument :

BNA_E

ClientSampleId :

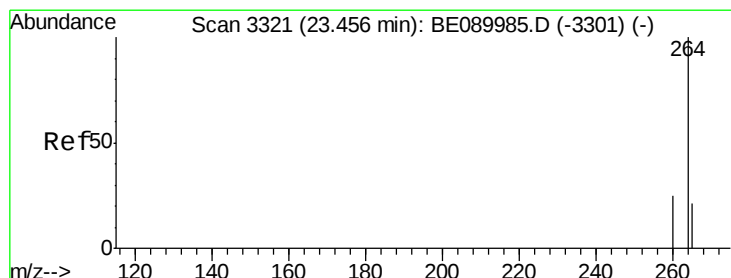
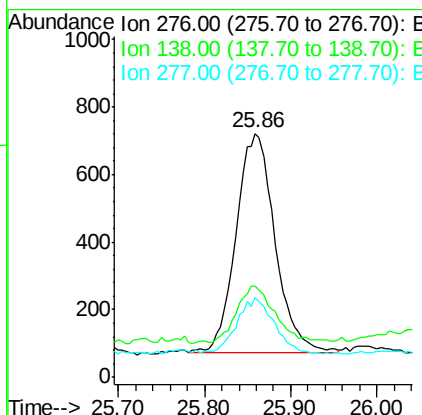
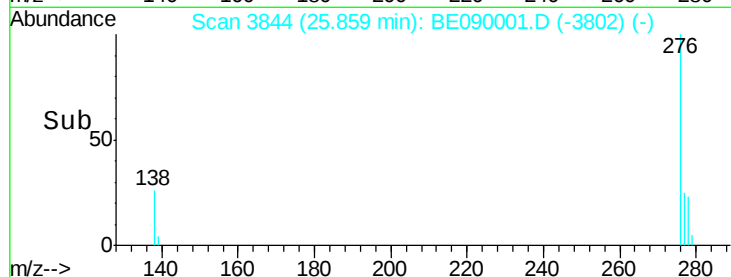
X1SS0600006-150625



Tgt Ion:	276	Resp:	2027
Ion Ratio	Lower	Upper	
276	100		
138	24.6	21.3	31.9
277	23.7	19.7	29.5

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#32

Perylene-d12

Concen: 5.00 ng

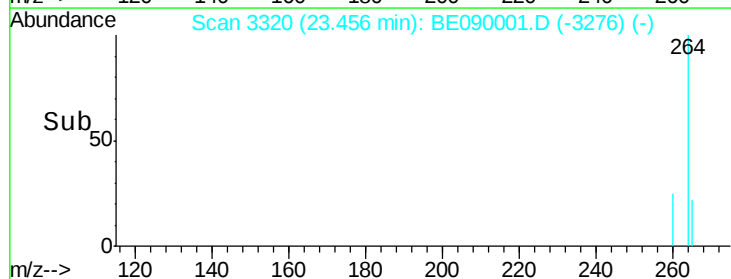
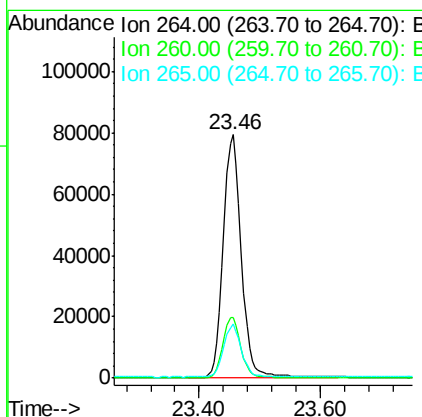
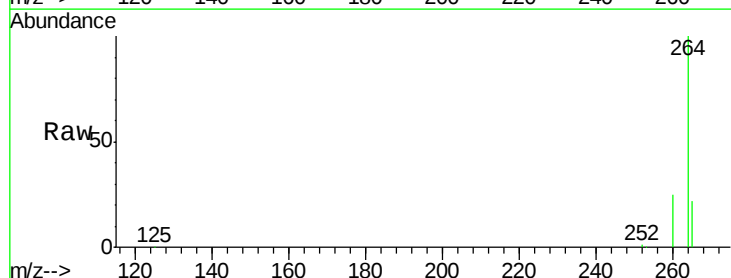
RT: 23.46 min Scan# 3320

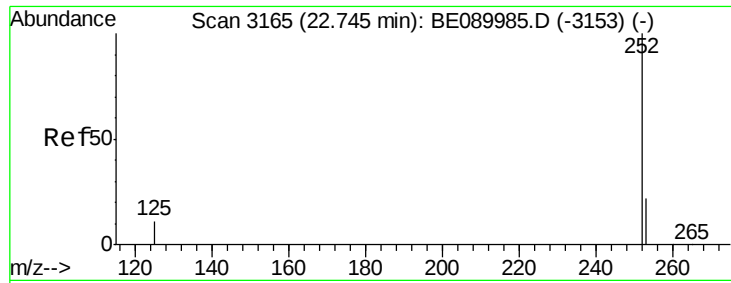
Delta R.T. 0.00 min

Lab File: BE090001.D

Acq: 30 Jun 2015 4:08

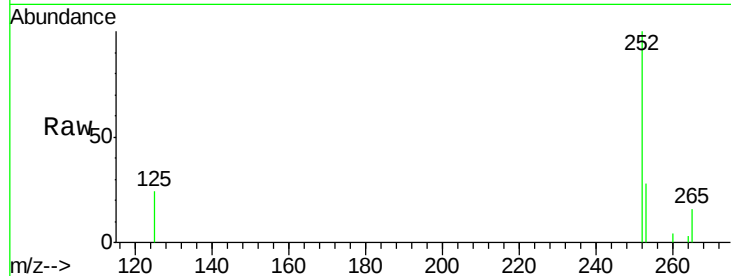
Tgt Ion:	264	Resp:	165740
Ion Ratio	Lower	Upper	
264	100		
260	24.8	20.2	30.2
265	22.1	17.1	25.7





#33
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 22.75 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08

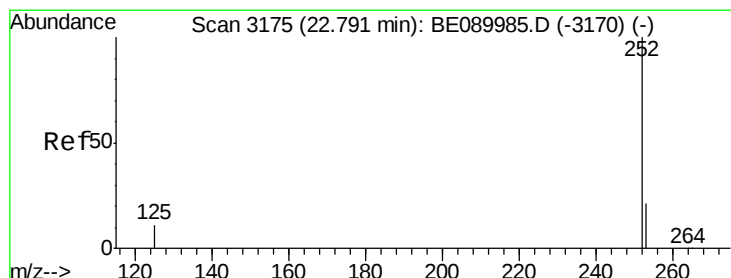
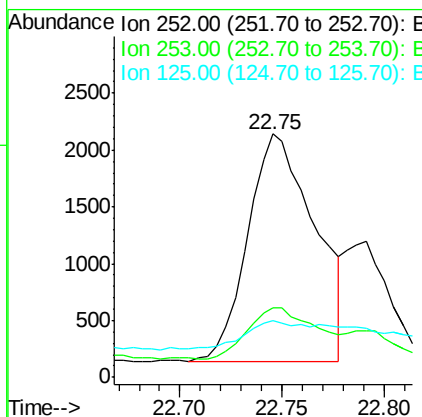
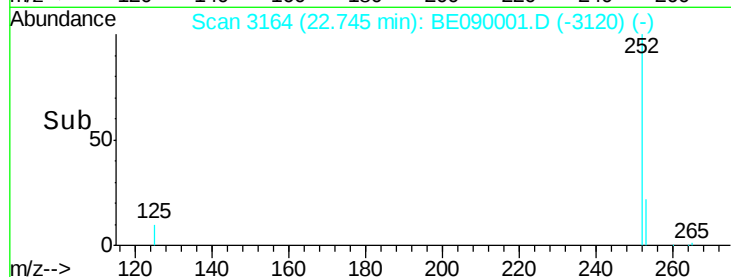
Instrument :
BNA_E
ClientSampleId :
X1SS0600006-150625



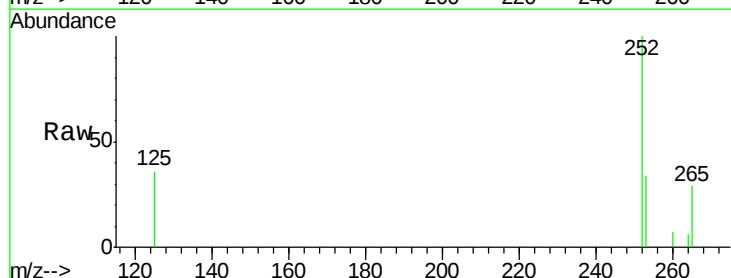
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.8	26.8#
125	23.6	9.0	13.4#

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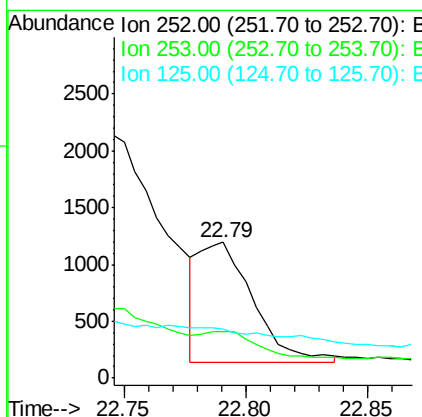
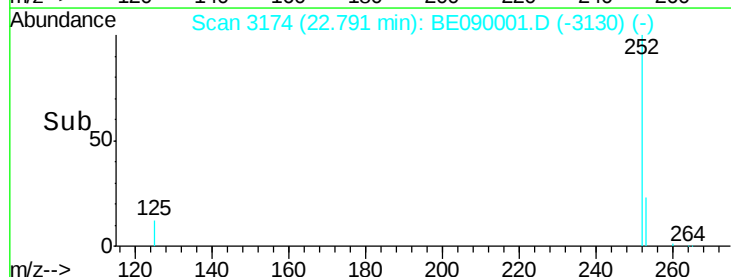
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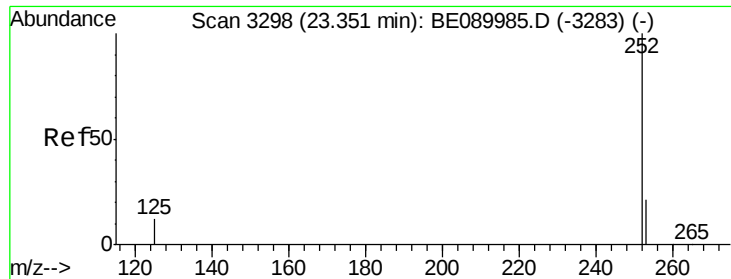


#34
Benzo(k)fluoranthene
Concen: 0.04 ng m
RT: 22.79 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08



Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.3	17.5	26.3#
125	36.2	9.5	14.3#





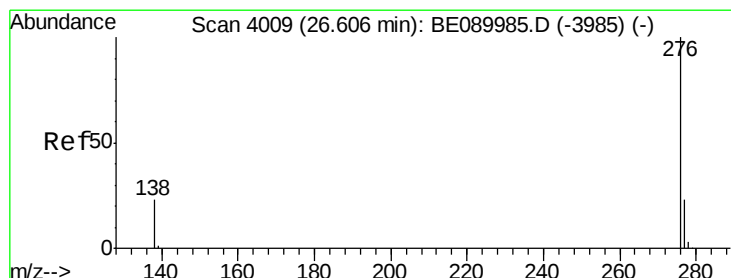
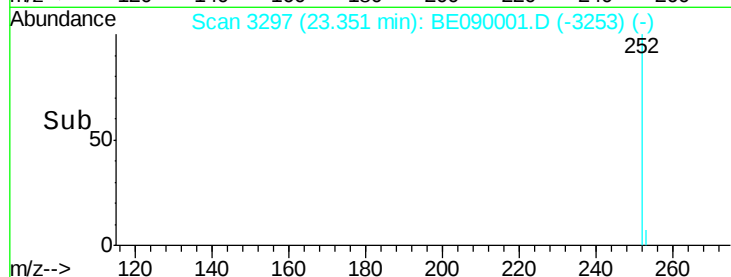
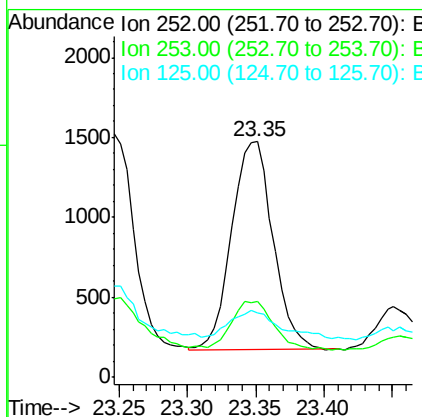
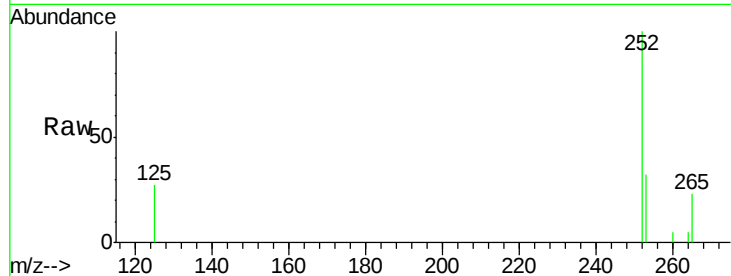
#35
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.35 min Scan# 3297
Delta R.T. 0.00 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08

Instrument :
BNA_E
ClientSampleId :
X1SS0600006-150625

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	17.4	26.2#
125	27.1	10.5	15.7#

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#37
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 26.60 min Scan# 4007
Delta R.T. -0.00 min
Lab File: BE090001.D
Acq: 30 Jun 2015 4:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.6	18.8	28.2#
138	55.9	18.6	27.8#

