

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
 Data File : BE090069.D
 Acq On : 8 Jul 2015 21:32
 Operator : TP/IZ
 Sample : G2824-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0810006-150626

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Quant Time: Jul 09 01:59:23 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	7.61	152	18677	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	83825	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	46756	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	103147	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	122366	5.00	ng	-0.01
32) Perylene-d12	23.44	264	112919	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	23357	5.44	ng	0.00
5) Phenol-d6	6.80	99	37211	6.20	ng	0.00
7) Nitrobenzene-d5	8.75	82	21588	3.24	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	9486	6.92	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	48869	3.48	ng	-0.01
27) Terphenyl-d14	19.58	244	77609	3.81	ng	-0.01
Target Compounds						Qvalue
15) Acenaphthylene	13.94	152	9855	0.12	ng	98
22) Phenanthrene	17.00	178	6853	0.26	ng	98
23) Anthracene	17.10	178	2229m	0.09	ng	
24) Fluoranthene	19.00	202	28315	0.96	ng	100
26) Pyrene	19.36	202	28437	0.97	ng	96
28) Benzo(a)anthracene	21.10	228	23632	0.77	ng	95
29) Chrysene	21.15	228	26837	0.85	ng	96
31) Indeno(1,2,3-cd)pyrene	25.83	276	17280	0.57	ng	97
33) Benzo(b)fluoranthene	22.73	252	40485m	1.63	ng	
34) Benzo(k)fluoranthene	22.77	252	14815m	0.53	ng	
35) Benzo(a)pyrene	23.33	252	26602	1.16	ng	96
36) Dibenzo(a,h)anthracene	25.85	278	4600	0.19	ng	# 86
37) Benzo(g,h,i)perylene	26.57	276	18488	0.77	ng	95

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

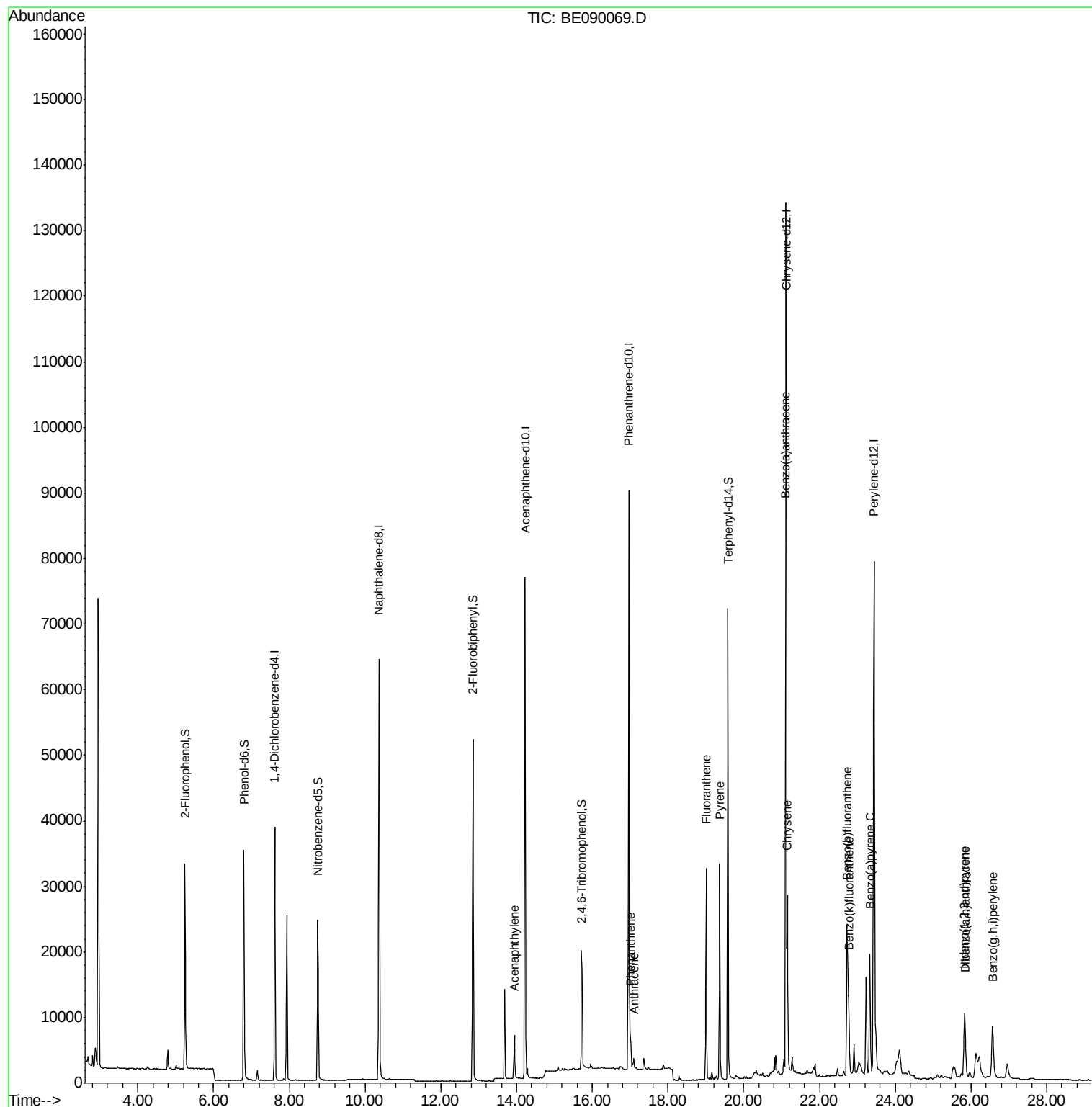
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
Data File : BE090069.D
Acq On : 8 Jul 2015 21:32
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Quant Time: Jul 09 01:59:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090069.D

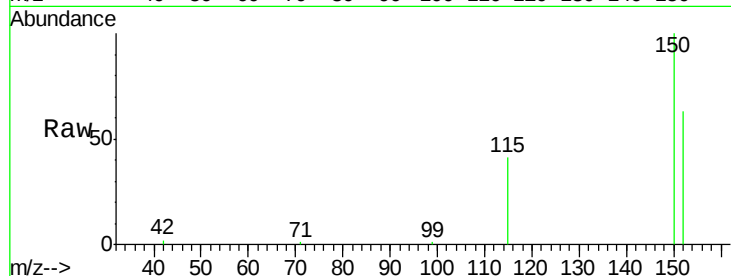
Acq: 8 Jul 2015 21:32

Instrument :

BNA_E

ClientSampleId :

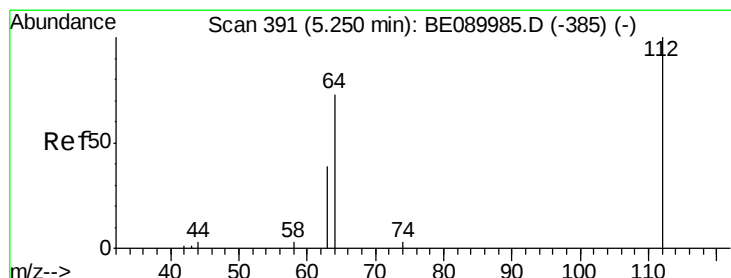
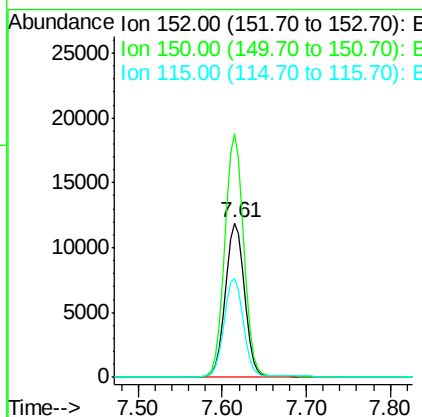
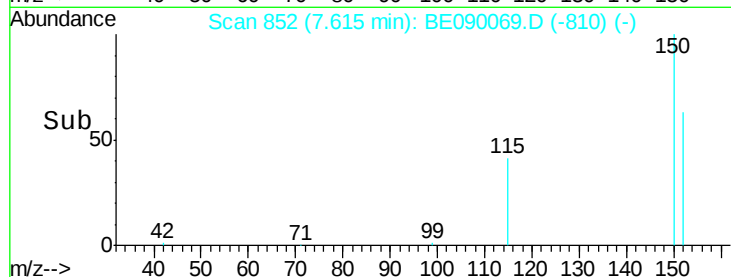
X1SS0810006-150626



Tgt Ion:	152	Resp:	18677
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.9	185.9
115	64.4	50.6	76.0

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#4

2-Fluorophenol

Concen: 5.44 ng

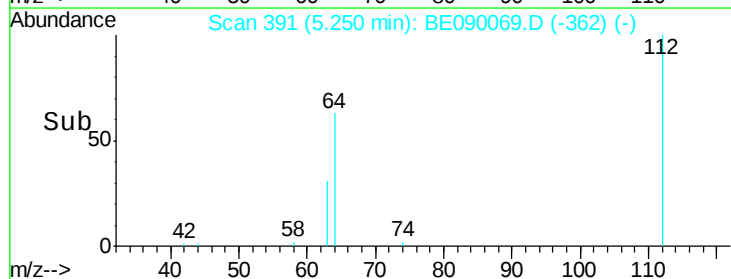
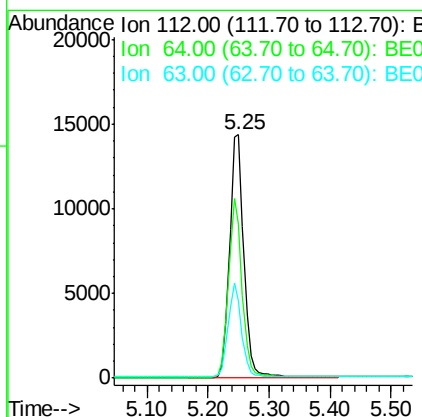
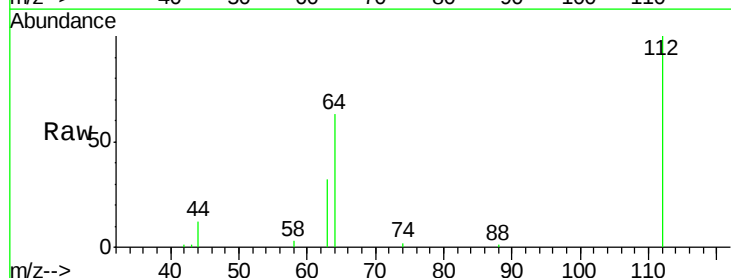
RT: 5.25 min Scan# 391

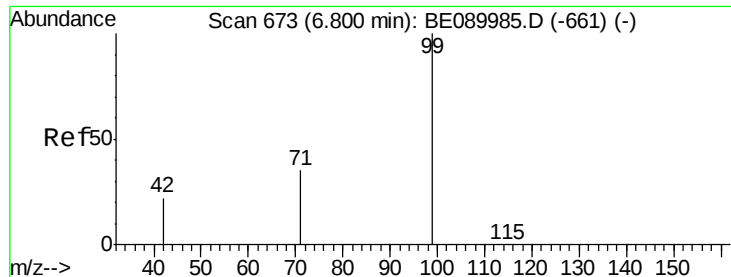
Delta R.T. 0.00 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

Tgt Ion:	112	Resp:	23357
Ion Ratio	Lower	Upper	
112	100		
64	70.4	56.3	84.5
63	36.6	29.8	44.6





#5

Phenol-d6

Concen: 6.20 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

Instrument :

BNA_E

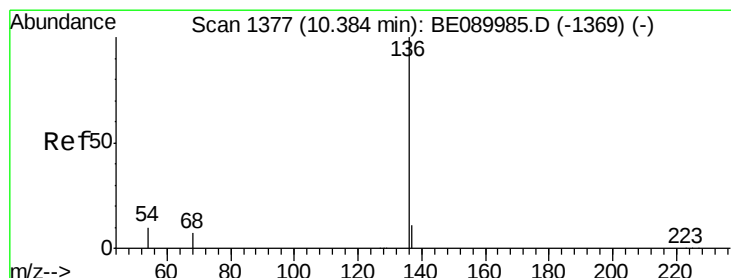
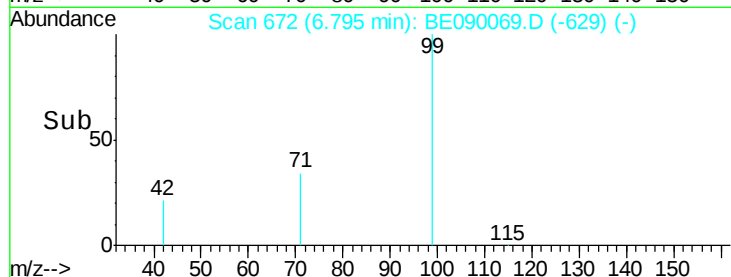
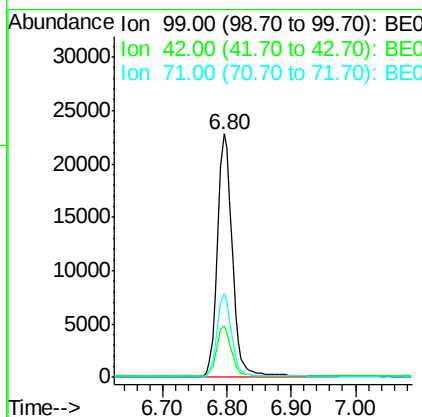
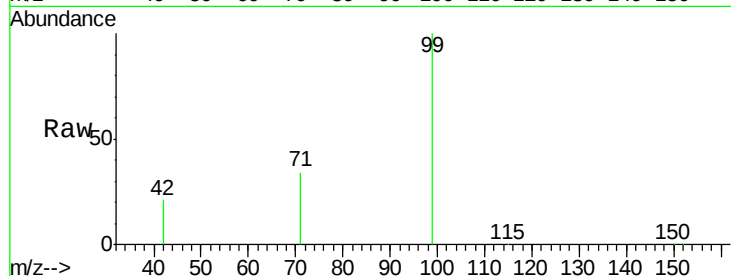
ClientSampleId :

X1SS0810006-150626

Tgt Ion:	99	Resp:	37211
Ion	Ratio	Lower	Upper
99	100		
42	20.7	18.7	28.1
71	33.9	27.5	41.3

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#6

Naphthalene-d8

Concen: 5.00 ng

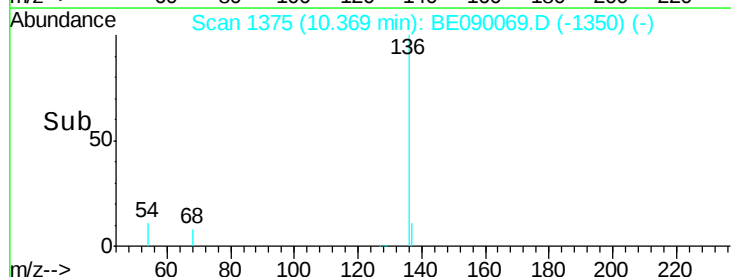
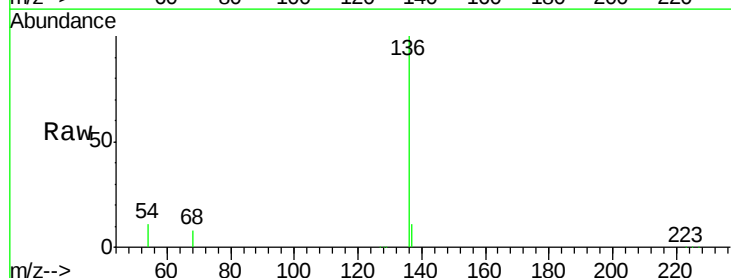
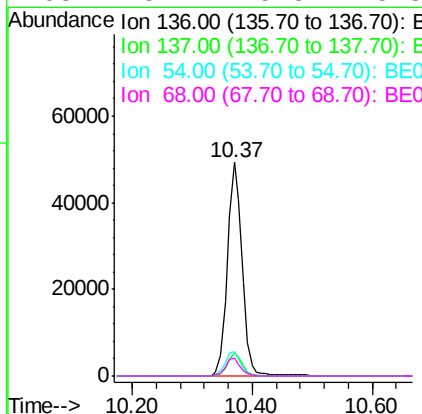
RT: 10.37 min Scan# 1375

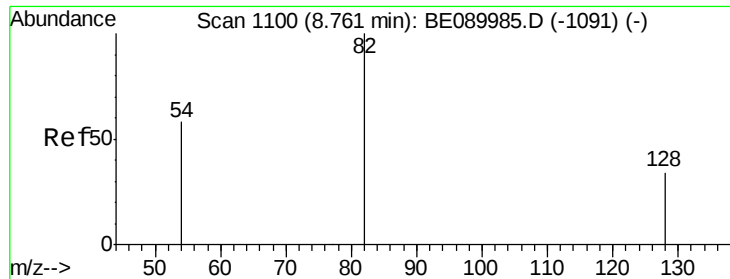
Delta R.T. -0.01 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

Tgt Ion:	136	Resp:	83825
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.1	8.2	12.4
68	8.2	5.8	8.8





#7

Nitrobenzene-d5

Concen: 3.24 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

Instrument :

BNA_E

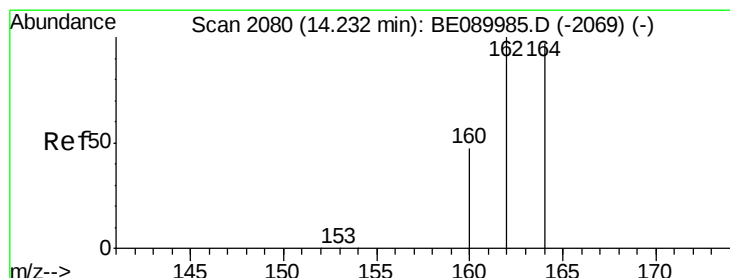
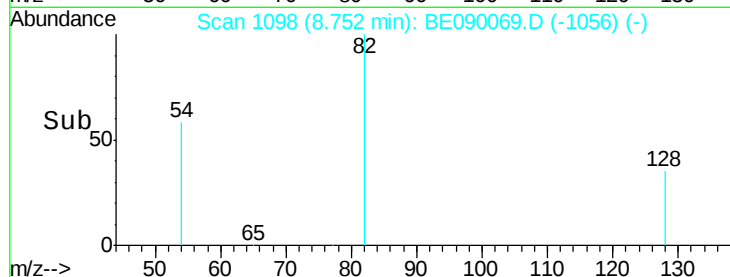
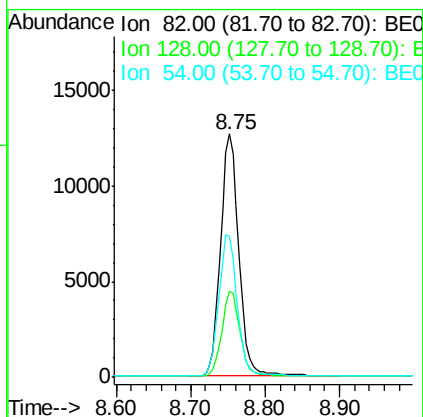
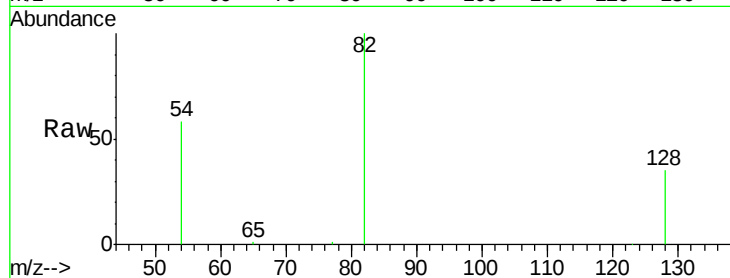
ClientSampleId :

X1SS0810006-150626

Tgt Ion:	82	Resp:	21588
Ion Ratio	Lower	Upper	
82	100		
128	35.2	28.0	42.0
54	58.2	47.6	71.4

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#12

Acenaphthene-d10

Concen: 5.00 ng

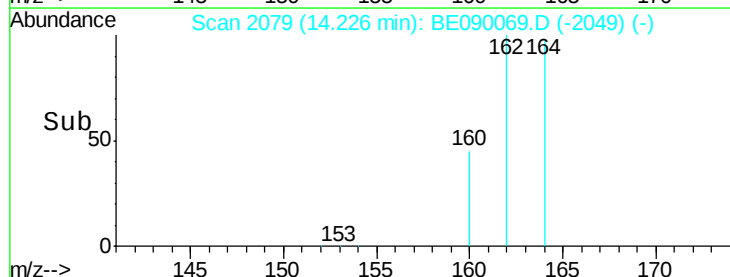
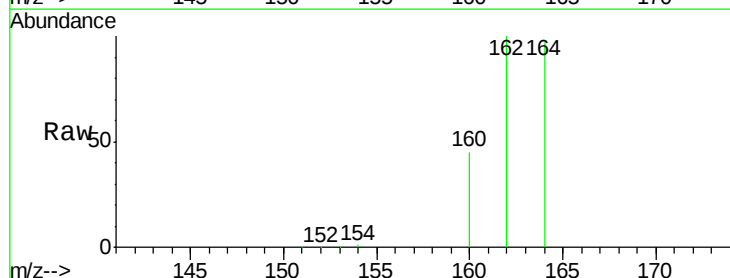
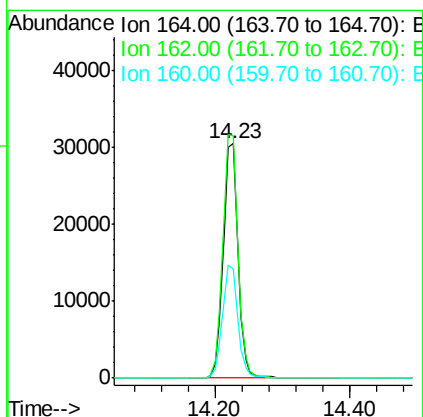
RT: 14.23 min Scan# 2079

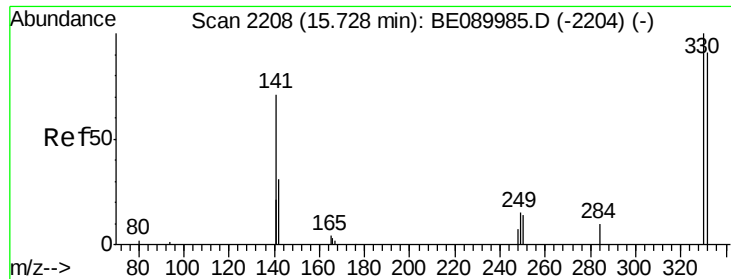
Delta R.T. -0.01 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

Tgt Ion:	164	Resp:	46756
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.2	123.4
160	46.4	39.0	58.6





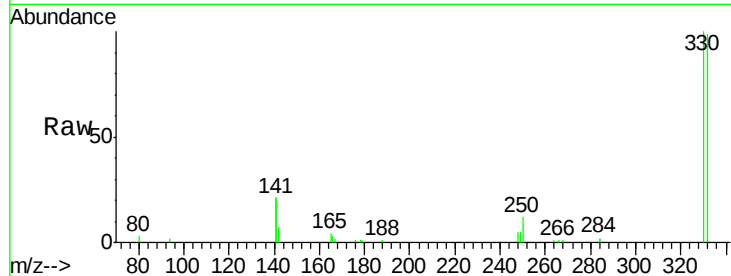
#13
 2,4,6-Tribromophenol
 Concen: 6.92 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090069.D
 Acq: 8 Jul 2015 21:32

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0810006-150626

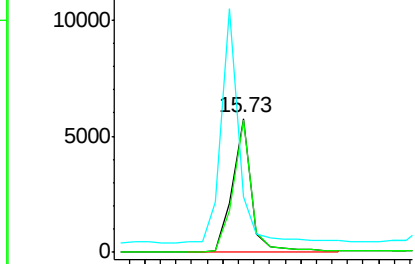
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.4	114.6
141	168.4	130.3	195.5

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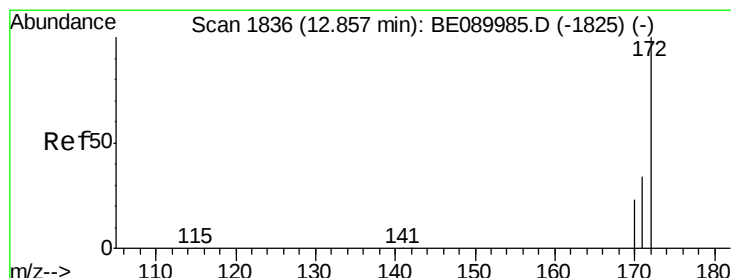
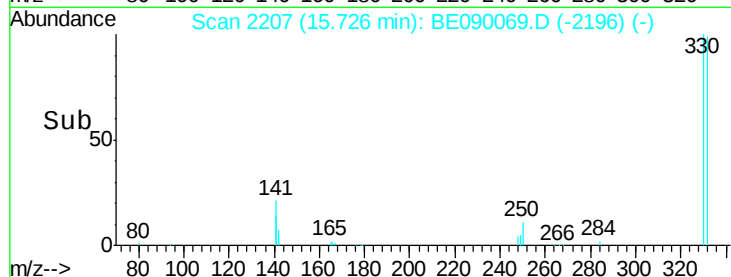
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Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

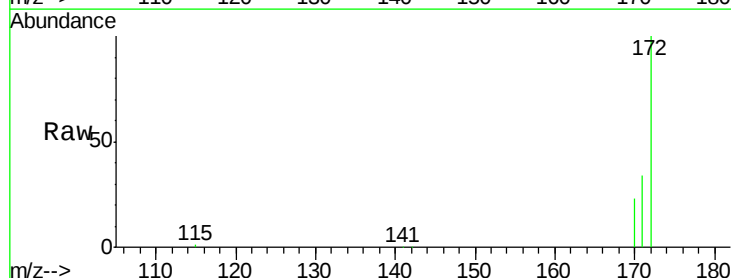


Time-->

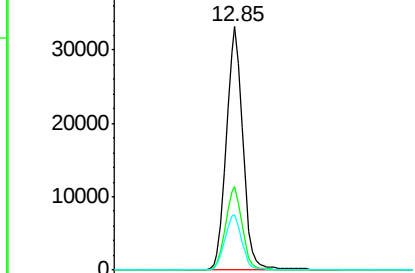


#14
 2-Fluorobiphenyl
 Concen: 3.48 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090069.D
 Acq: 8 Jul 2015 21:32

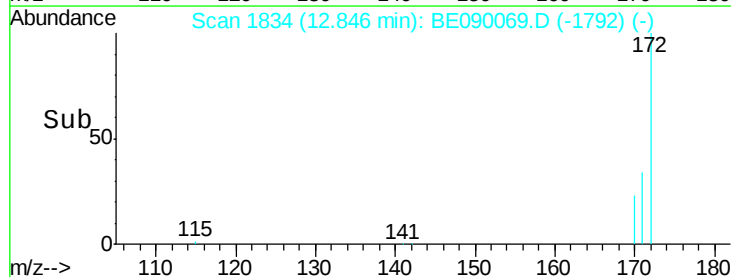
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.7	18.3	27.5

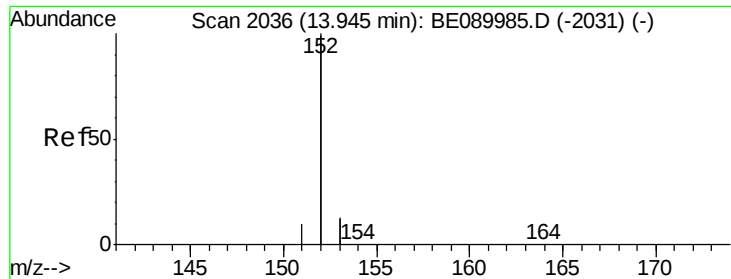


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





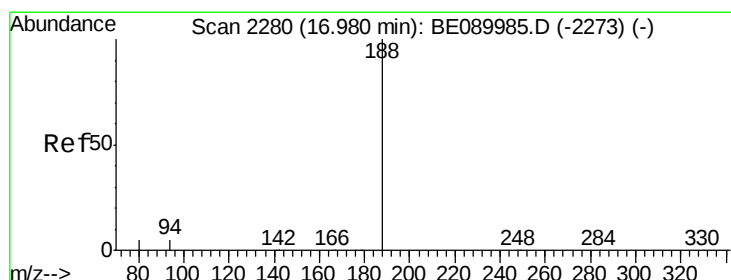
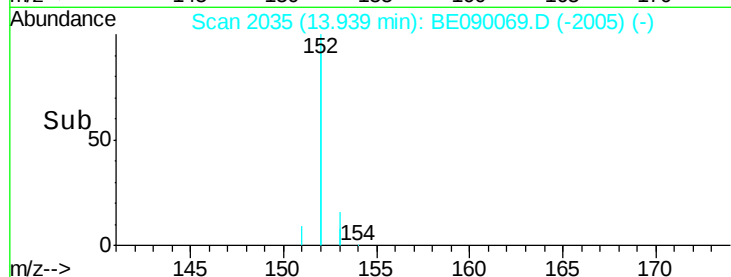
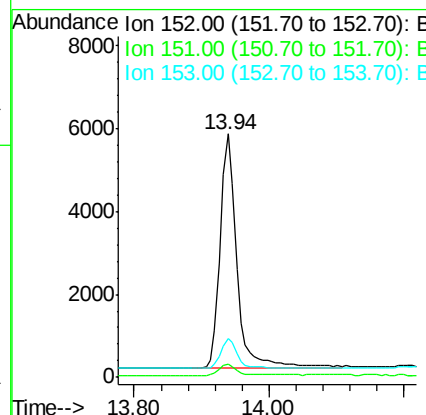
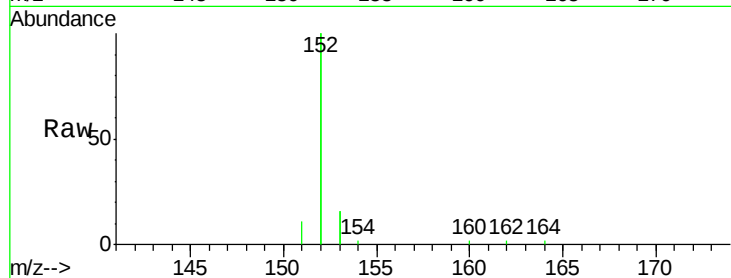
#15
Acenaphthylene
Concen: 0.12 ng
RT: 13.94 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

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BNA_E
ClientSampleId :
X1SS0810006-150626

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.5	3.9	5.9
153	12.2	10.4	15.6

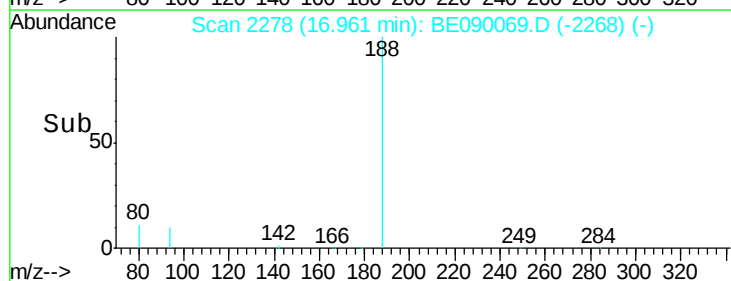
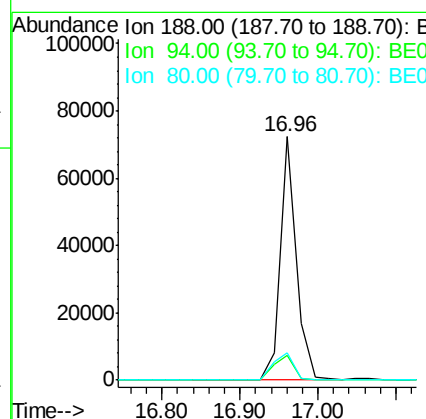
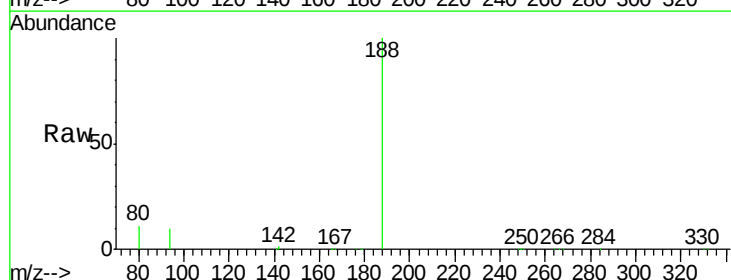
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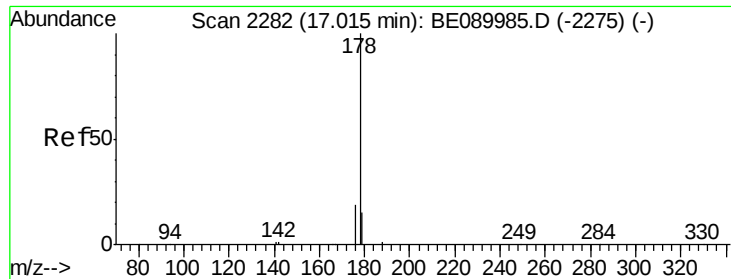
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	4.1	6.1#
80	11.0	4.2	6.2#





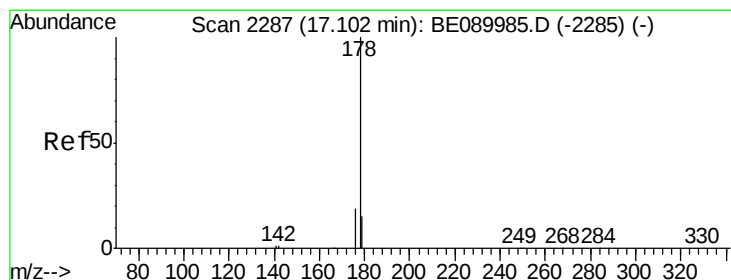
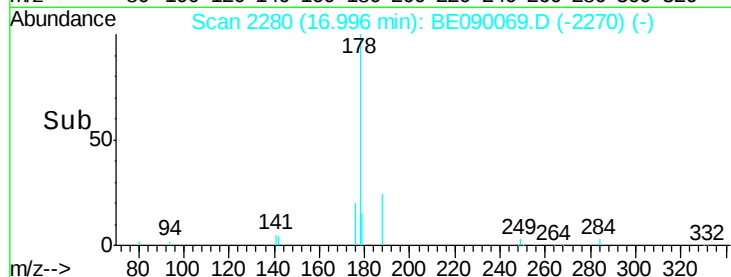
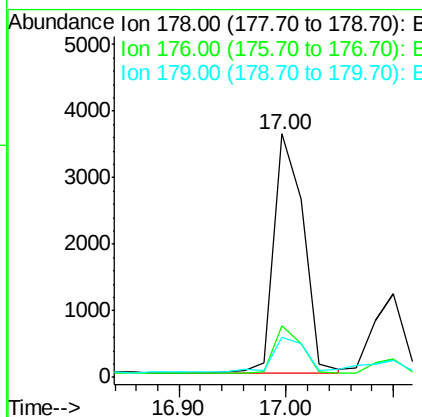
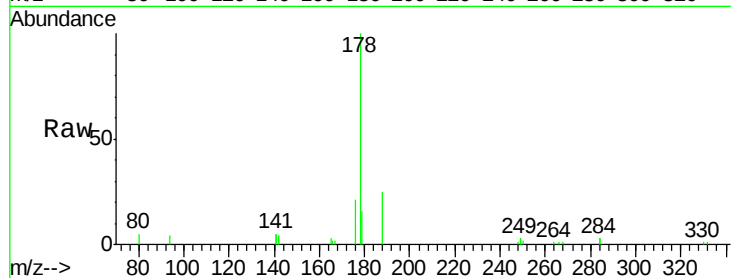
#22
Phenanthrene
Concen: 0.26 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Instrument :
BNA_E
ClientSampleId :
X1SS0810006-150626

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	17.1	12.4	18.6

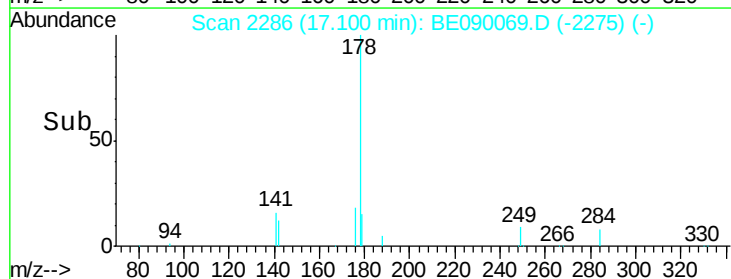
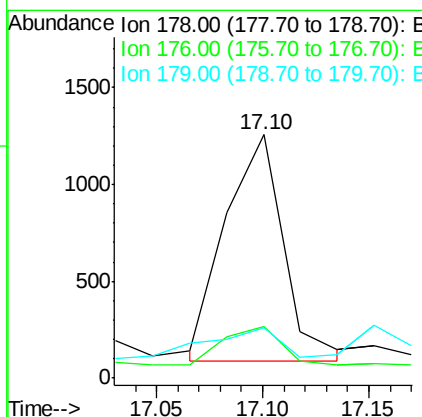
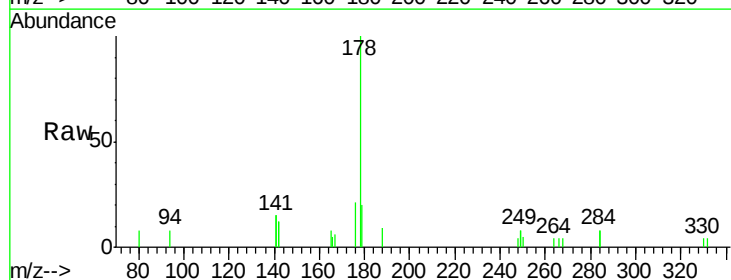
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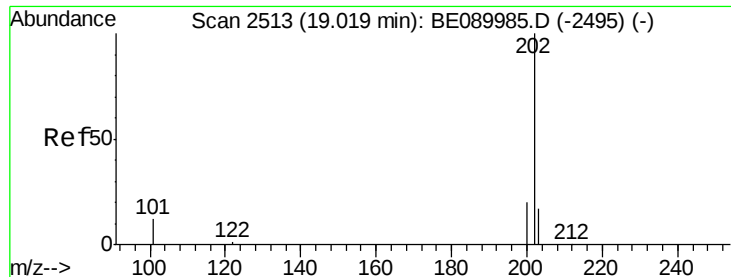
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#23
Anthracene
Concen: 0.09 ng m
RT: 17.10 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.7	22.1
179	18.5	12.1	18.1#





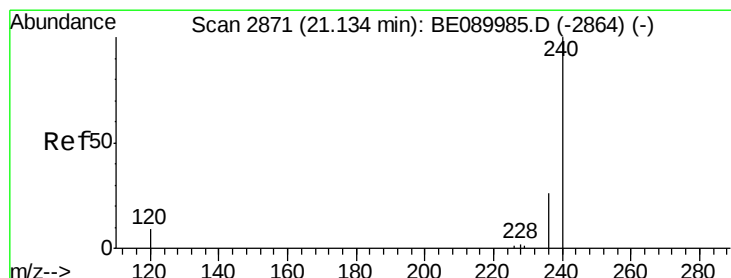
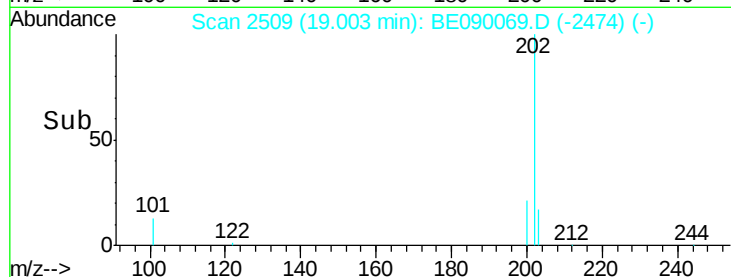
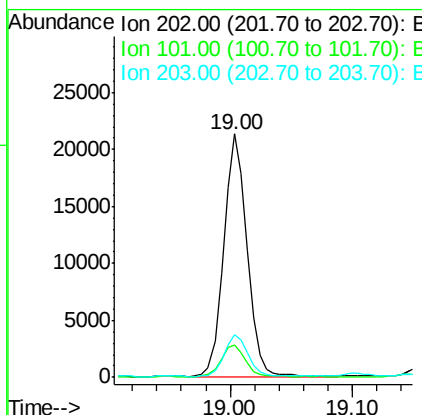
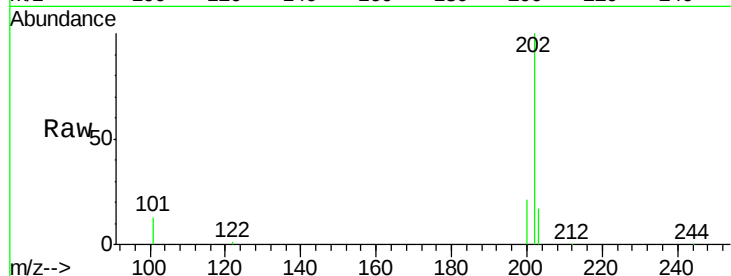
#24
Fluoranthene
Concen: 0.96 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Instrument :
BNA_E
ClientSampleId :
X1SS0810006-150626

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	10.6	15.8
203	17.2	13.8	20.6

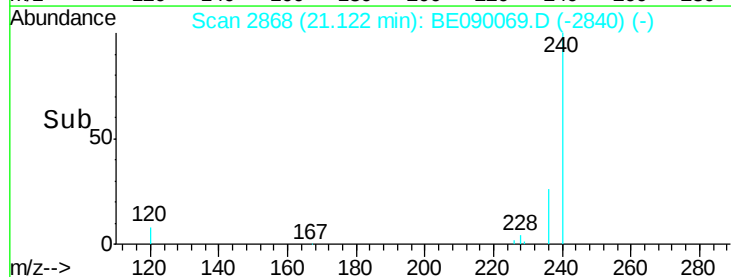
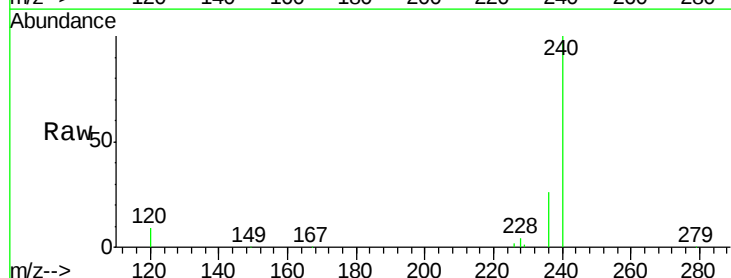
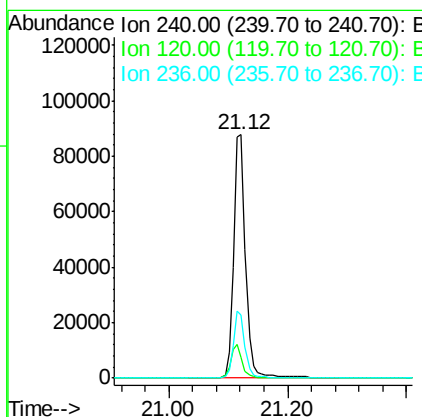
Manual Integrations
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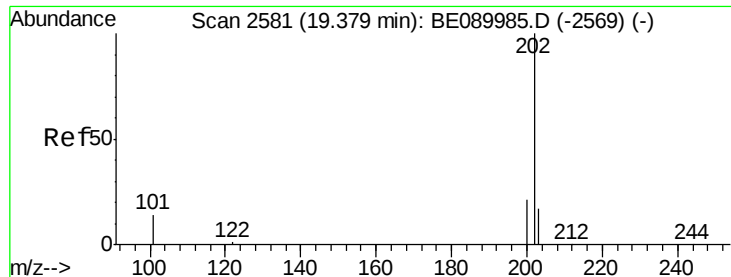
apatel
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#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.6	6.9	10.3
236	25.8	20.8	31.2





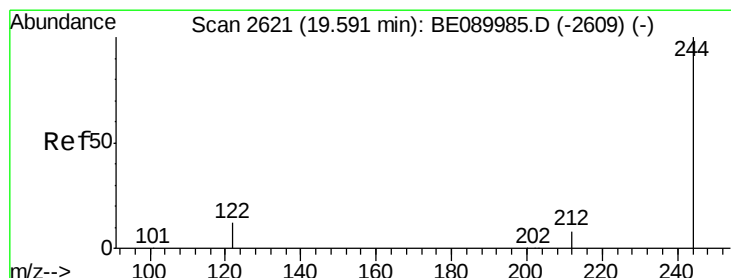
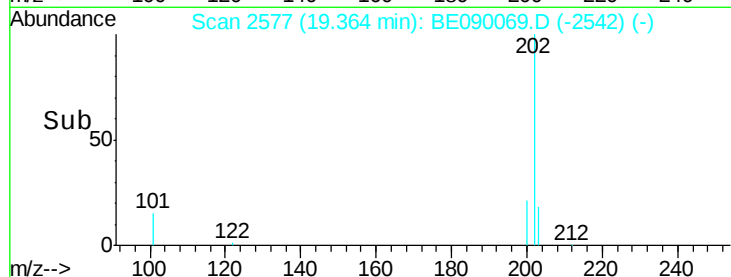
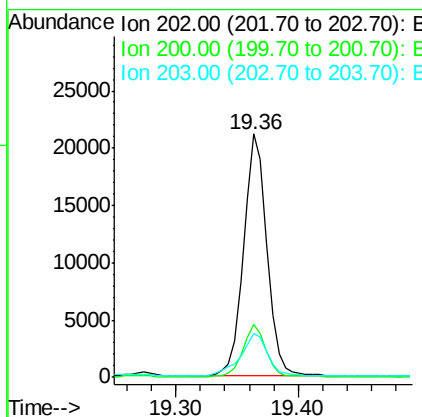
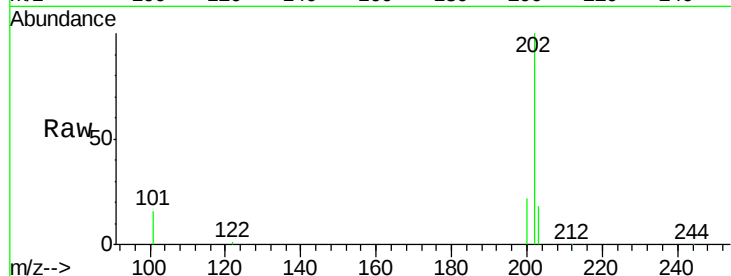
#26
 Pyrene
 Concen: 0.97 ng
 RT: 19.36 min Scan# 2577
 Delta R.T. -0.02 min
 Lab File: BE090069.D
 Acq: 8 Jul 2015 21:32

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0810006-150626

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	28437		
200	21.4	16.8	25.2	
203	20.7	13.9	20.9	

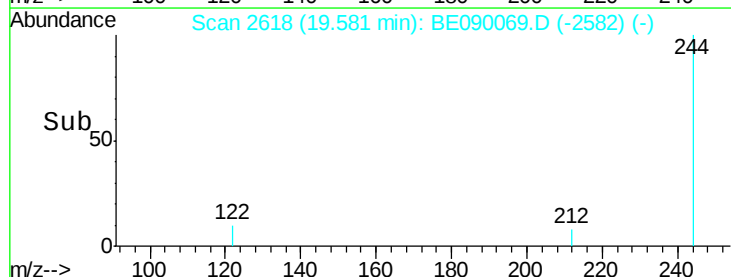
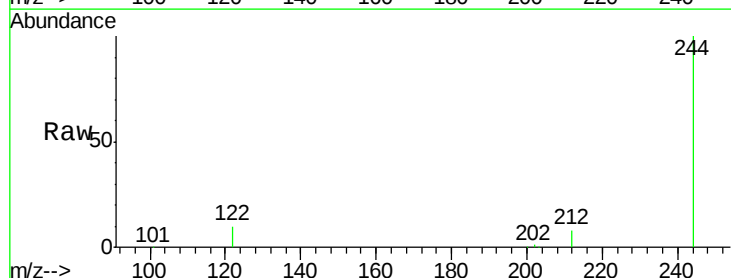
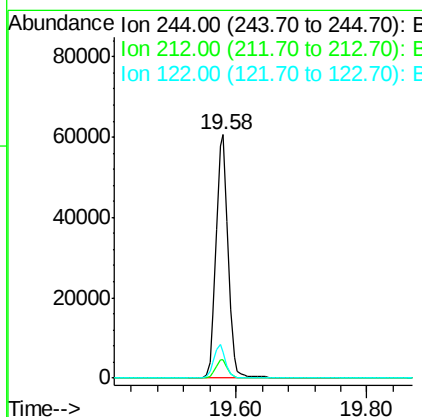
Manual Integrations
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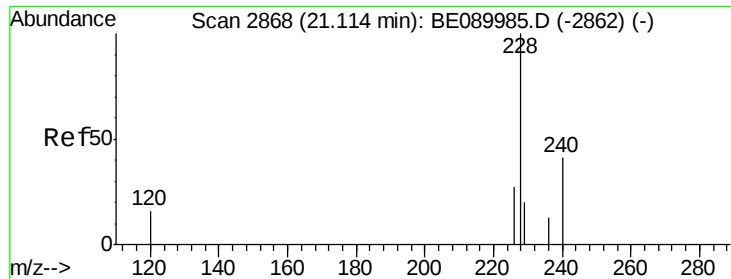
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#27
 Terphenyl-d14
 Concen: 3.81 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090069.D
 Acq: 8 Jul 2015 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	77609		
212	7.6	6.6	9.8	
122	10.5	9.8	14.8	





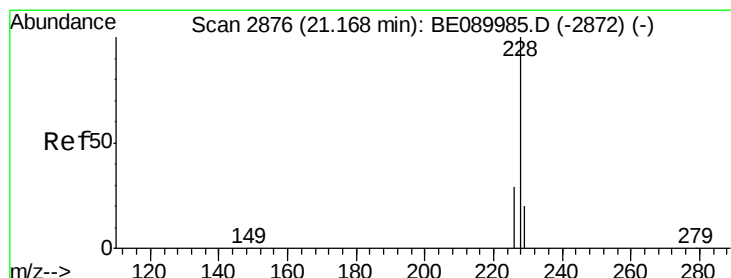
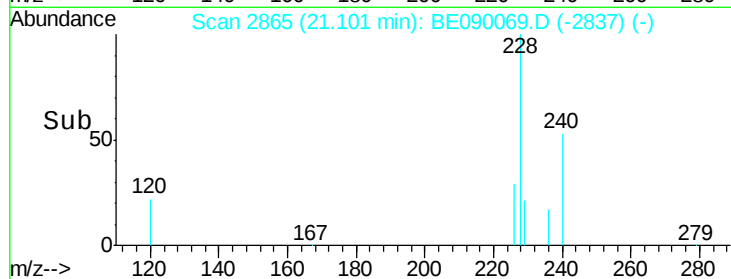
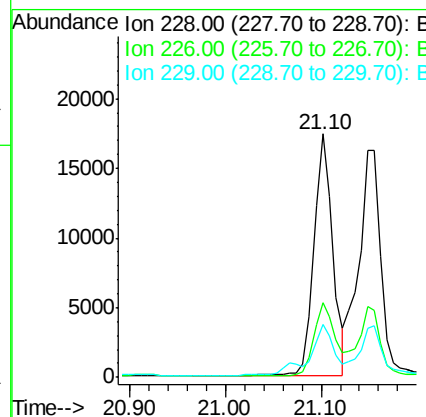
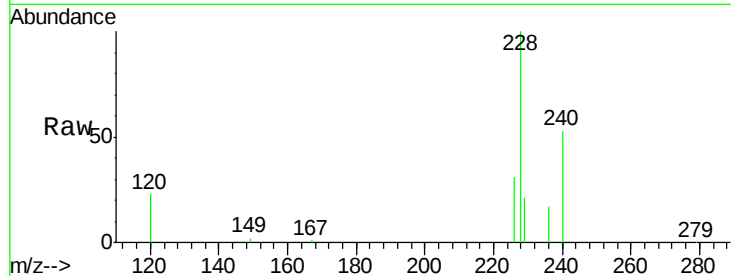
#28
Benzo(a)anthracene
Concen: 0.77 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Instrument :
BNA_E
ClientSampleId :
X1SS0810006-150626

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.6
229	21.5	15.8	23.6

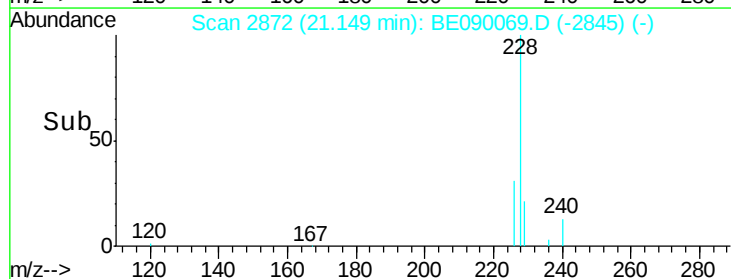
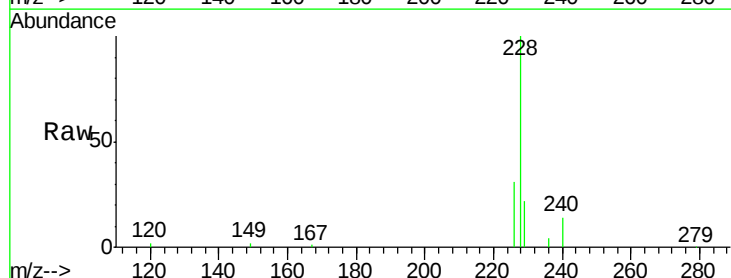
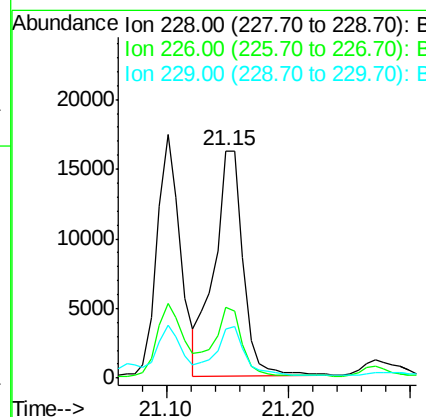
Manual Integrations
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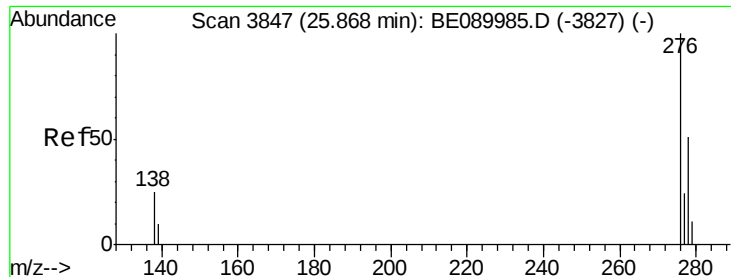
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#29
Chrysene
Concen: 0.85 ng
RT: 21.15 min Scan# 2872
Delta R.T. -0.02 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	21.8	16.2	24.2





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.57 ng

RT: 25.83 min Scan# 3837

Delta R.T. -0.04 min

Lab File: BE090069.D

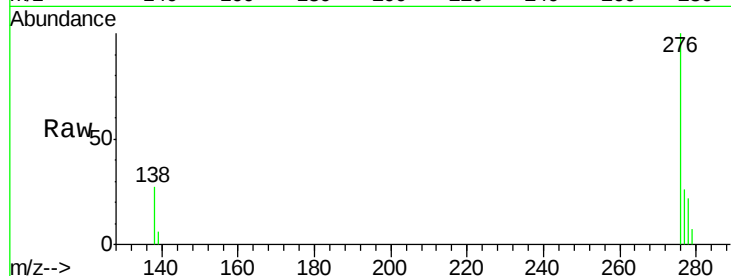
Acq: 8 Jul 2015 21:32

Instrument :

BNA_E

ClientSampleId :

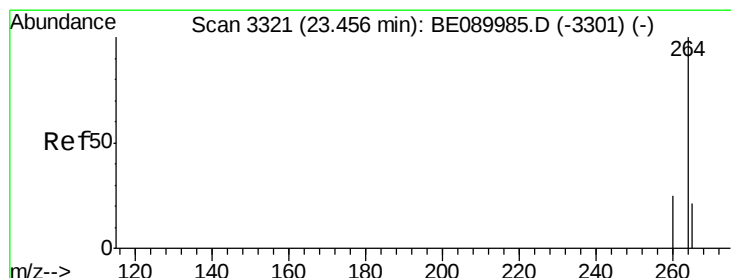
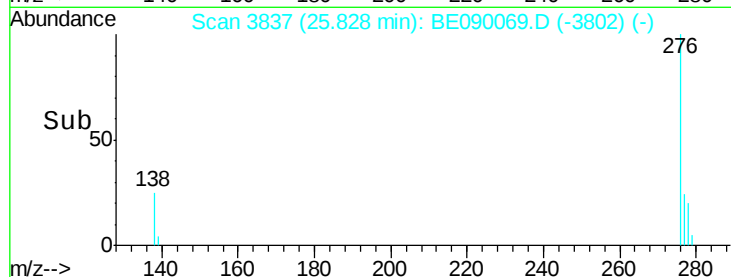
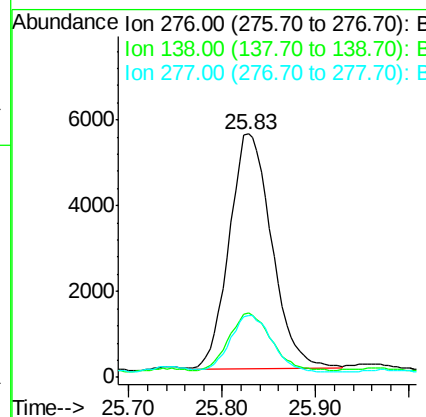
X1SS0810006-150626



Tgt Ion:	276	Resp:	17280
Ion Ratio	Lower	Upper	
276	100		
138	24.4	21.3	31.9
277	23.8	19.7	29.5

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#32

Perylene-d12

Concen: 5.00 ng

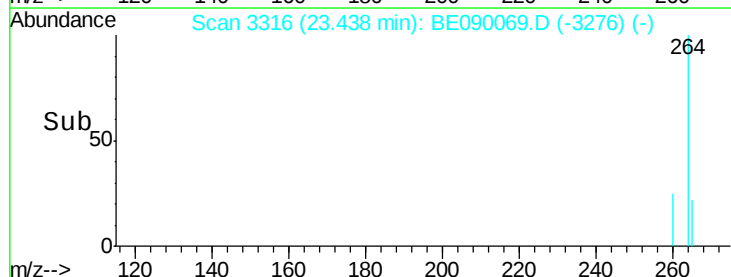
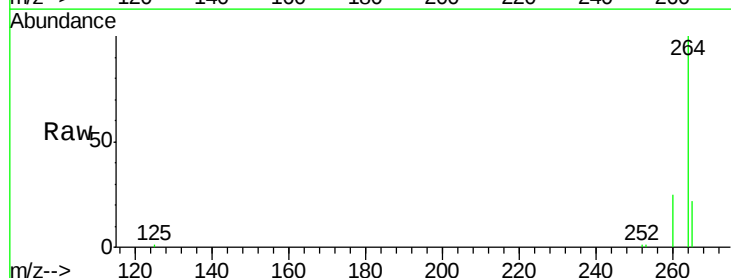
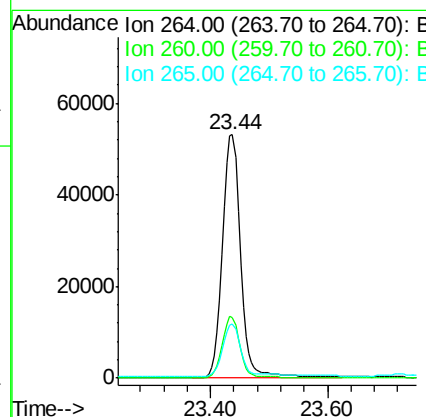
RT: 23.44 min Scan# 3316

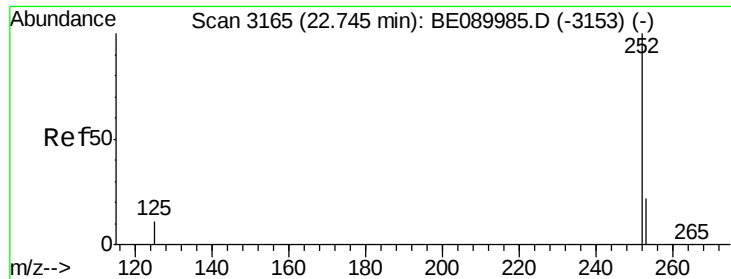
Delta R.T. -0.02 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

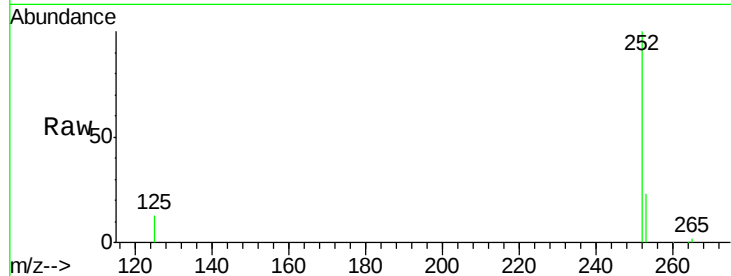
Tgt Ion:	264	Resp:	112919
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.2	30.2
265	22.4	17.1	25.7





#33
Benzo(b)fluoranthene
Concen: 1.63 ng m
RT: 22.73 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

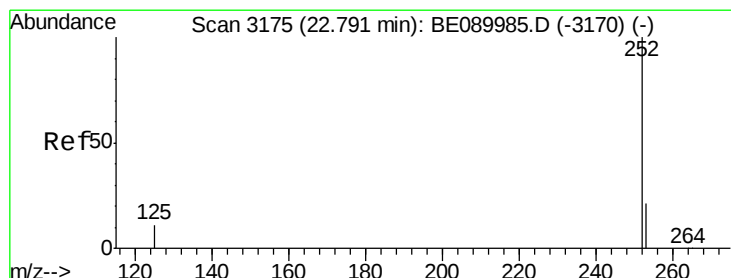
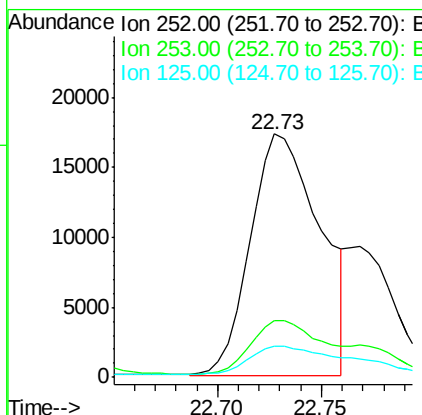
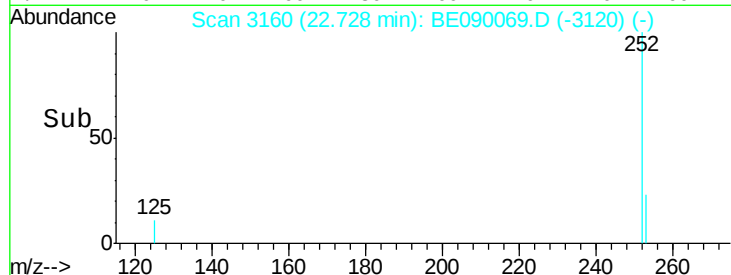
Instrument :
BNA_E
ClientSampleId :
X1SS0810006-150626



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	12.8	9.0	13.4

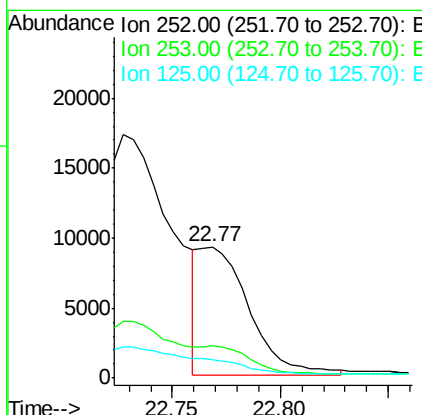
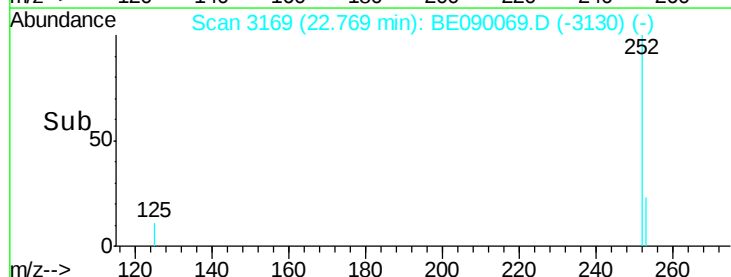
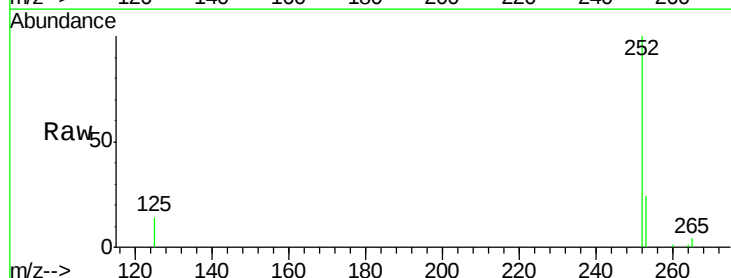
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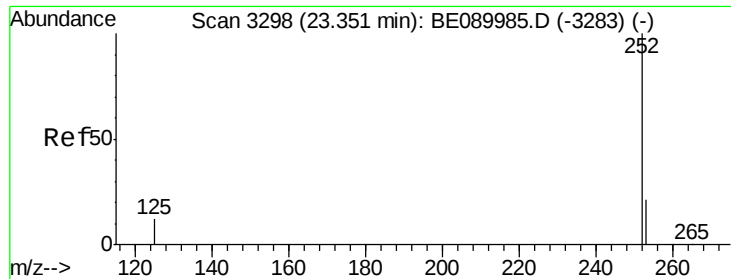
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#34
Benzo(k)fluoranthene
Concen: 0.53 ng m
RT: 22.77 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	13.8	9.5	14.3





#35

Benzo(a)pyrene

Concen: 1.16 ng

RT: 23.33 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

Instrument :

BNA_E

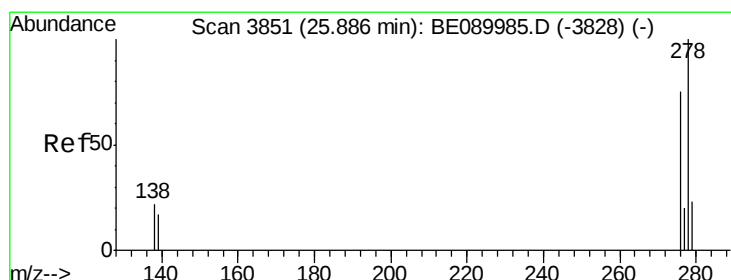
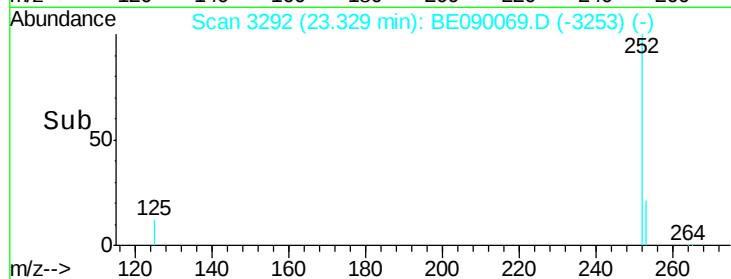
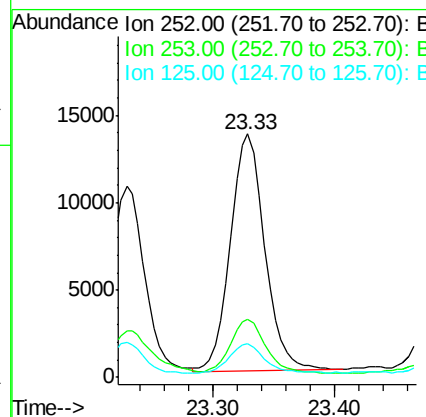
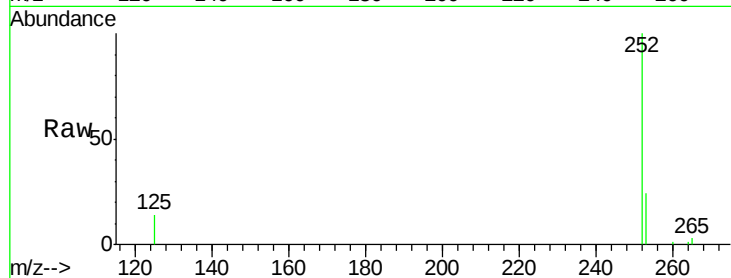
ClientSampleId :

X1SS0810006-150626

Tgt Ion:	252	Resp:	26602
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.2
125	13.9	10.5	15.7

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#36

Dibenzo(a,h)anthracene

Concen: 0.19 ng

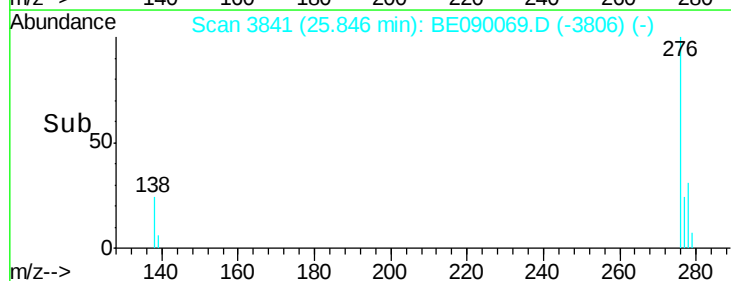
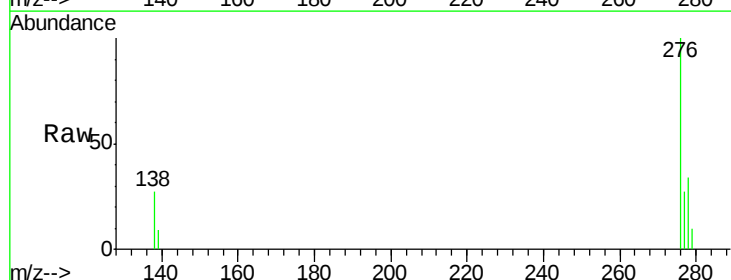
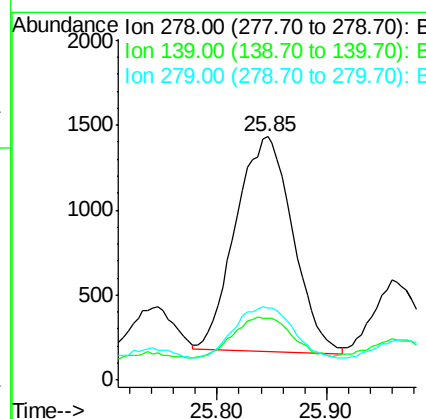
RT: 25.85 min Scan# 3841

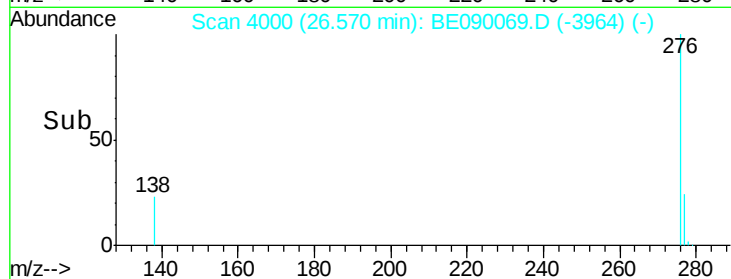
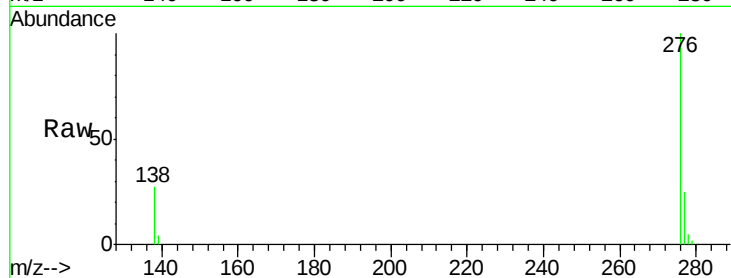
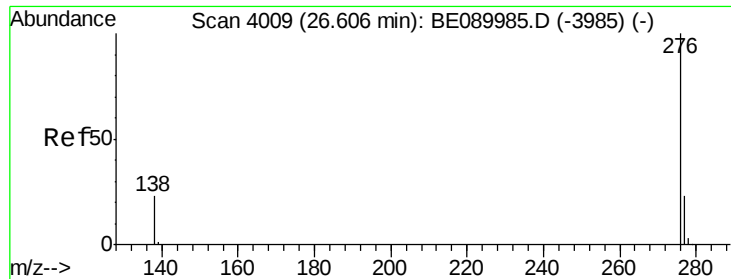
Delta R.T. -0.04 min

Lab File: BE090069.D

Acq: 8 Jul 2015 21:32

Tgt Ion:	278	Resp:	4600
Ion Ratio	Lower	Upper	
278	100		
139	25.6	14.4	21.6#
279	29.7	19.0	28.6#





#37
Benzo(g,h,i)perylene
Concen: 0.77 ng
RT: 26.57 min Scan# 4000
Delta R.T. -0.04 min
Lab File: BE090069.D
Acq: 8 Jul 2015 21:32

Tgt Ion:	276	Resp:	18488
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.8	28.2
138	26.7	18.6	27.8

Instrument :
BNA_E
ClientSampleId :
X1SS0810006-150626

Manual Integrations
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