

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089971.D
 Acq On : 27 Jun 2015 11:44
 Operator : TP/IZ
 Sample : G2782-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0630006-150624

Manual Integrations
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Quant Time: Jun 29 01:33:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	26962	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	129590	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	76070	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	174920	5.00	ng	0.00
25) Chrysene-d12	21.13	240	194138	5.00	ng	0.00
32) Perylene-d12	23.46	264	178882	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	73652	15.13	ng	0.00
5) Phenol-d6	6.81	99	118837	15.93	ng	0.00
7) Nitrobenzene-d5	8.77	82	80928	8.39	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	19851	14.53	ng	0.00
14) 2-Fluorobiphenyl	12.87	172	181637	8.19	ng	0.00
27) Terphenyl-d14	19.60	244	257530	7.68	ng	0.00
Target Compounds						Qvalue
22) Phenanthrene	17.01	178	3786	0.09	ng	# 95
23) Anthracene	17.12	178	927	0.02	ng	97
24) Fluoranthene	19.02	202	9100	0.19	ng	99
26) Pyrene	19.39	202	8707	0.18	ng	96
28) Benzo(a)anthracene	21.12	228	5834	0.13	ng	# 93
29) Chrysene	21.17	228	6623	0.13	ng	94
30) Bis(2-ethylhexyl)phthalate	21.07	149	8963	2.27	ng	99
31) Indeno(1,2,3-cd)pyrene	25.88	276	4226	0.11	ng	# 100
33) Benzo(b)fluoranthene	22.76	252	8292	0.22	ng	# 88
34) Benzo(k)fluoranthene	22.80	252	3645m	0.08	ng	
35) Benzo(a)pyrene	23.36	252	5035	0.15	ng	# 89
36) Dibenzo(a,h)anthracene	25.89	278	979	0.03	ng	# 55
37) Benzo(g,h,i)perylene	26.62	276	5017	0.15	ng	# 92

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

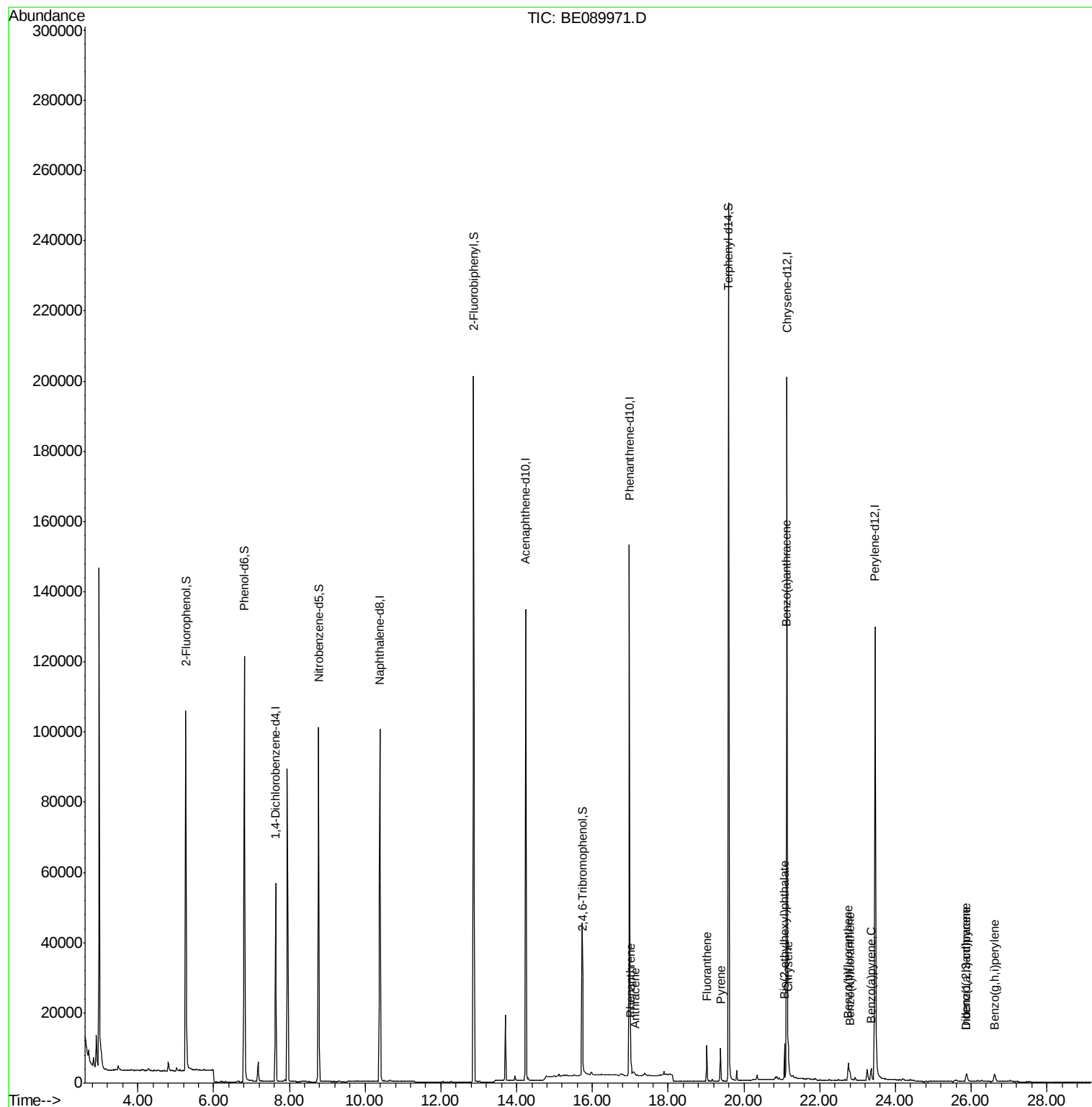
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089971.D
Acq On : 27 Jun 2015 11:44
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Sample : G2782-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

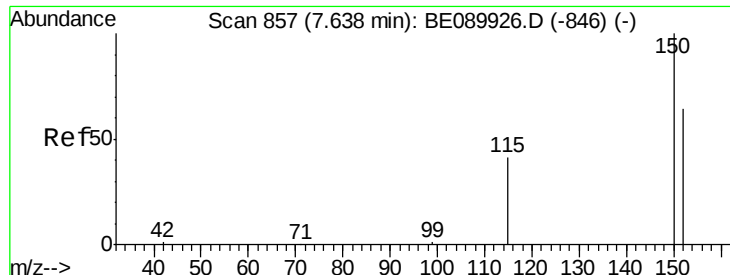
Instrument :
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Quant Time: Jun 29 01:33:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
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QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE089971.D

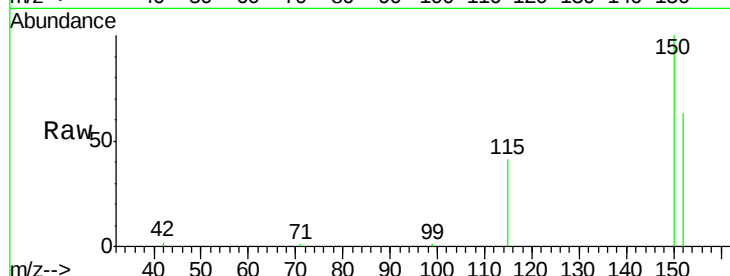
Acq: 27 Jun 2015 11:44

Instrument :

BNA_E

ClientSampleId :

X1SS0630006-150624



Tgt Ion:152 Resp: 26962

Ion Ratio Lower Upper

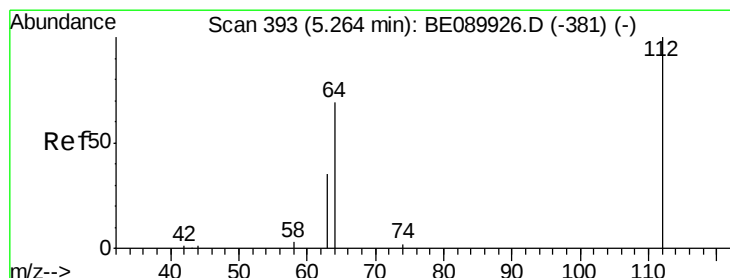
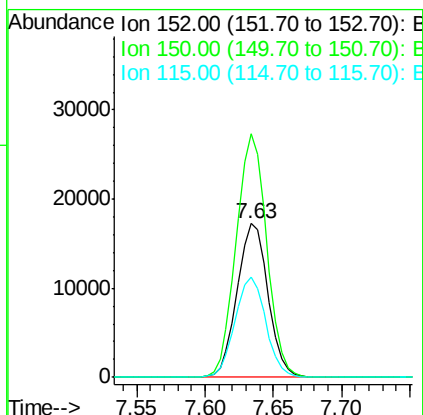
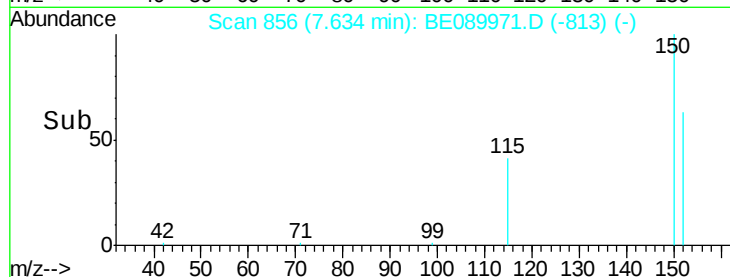
152 100

150 158.2 124.6 186.8

115 65.2 51.6 77.4

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#4

2-Fluorophenol

Concen: 15.13 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

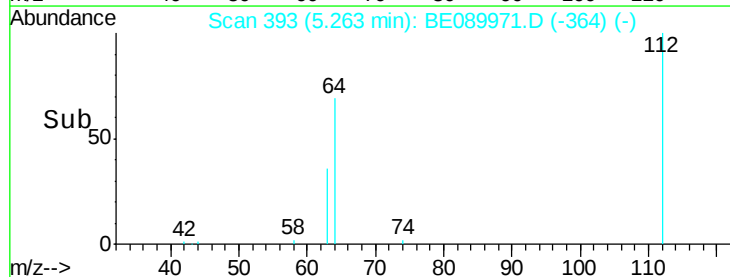
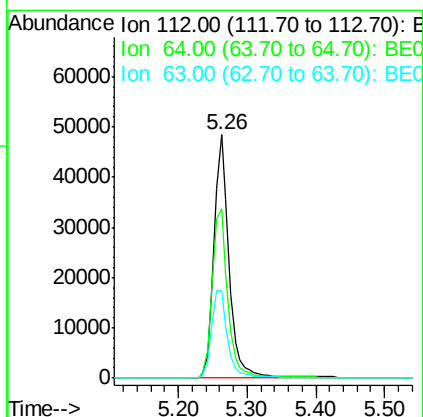
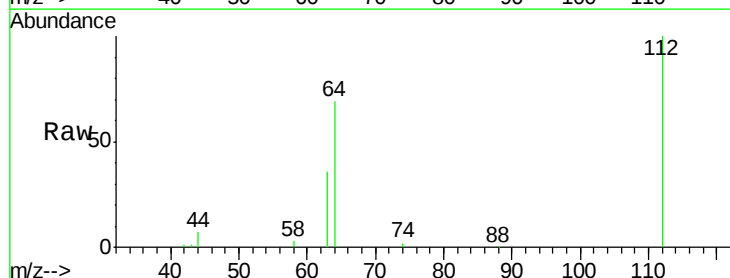
Tgt Ion:112 Resp: 73652

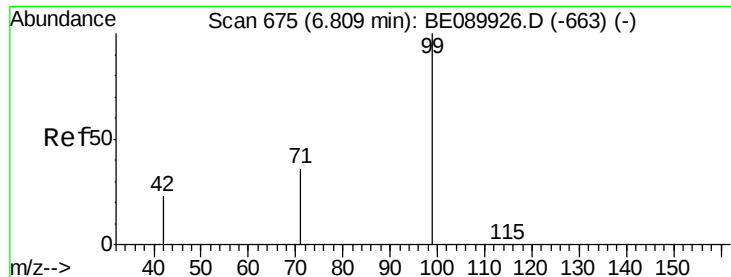
Ion Ratio Lower Upper

112 100

64 72.3 57.4 86.2

63 38.5 31.2 46.8





#5

Phenol-d6

Concen: 15.93 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

Instrument :

BNA_E

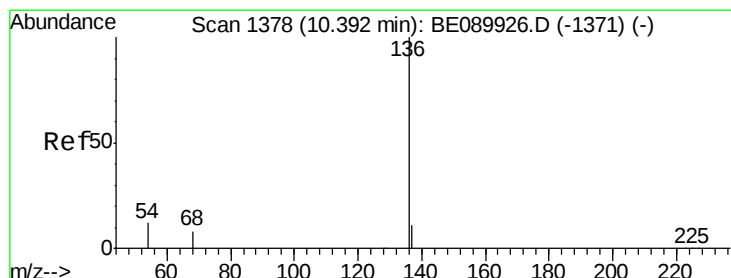
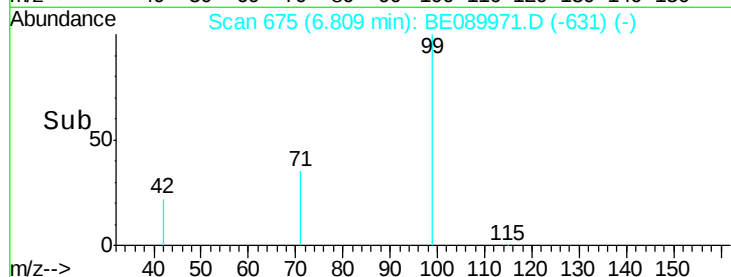
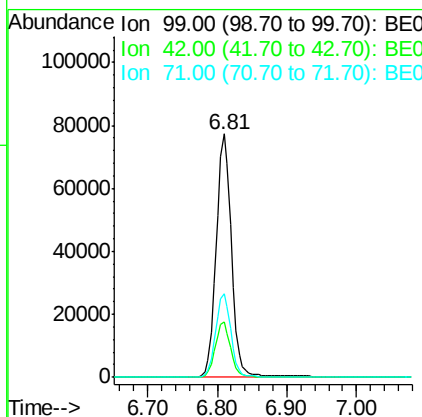
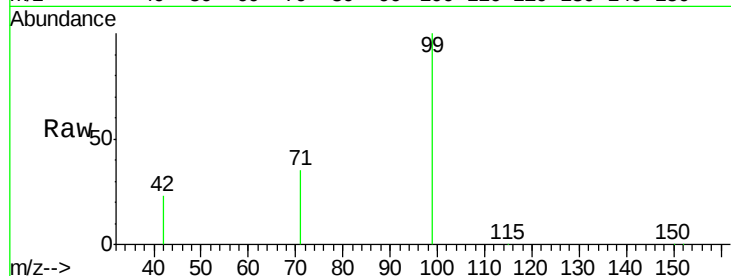
ClientSampleId :

X1SS0630006-150624

Tgt Ion:	99	Resp:	118837
Ion Ratio	Lower	Upper	
99	100		
42	22.6	19.5	29.3
71	34.7	27.8	41.6

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#6

Naphthalene-d8

Concen: 5.00 ng

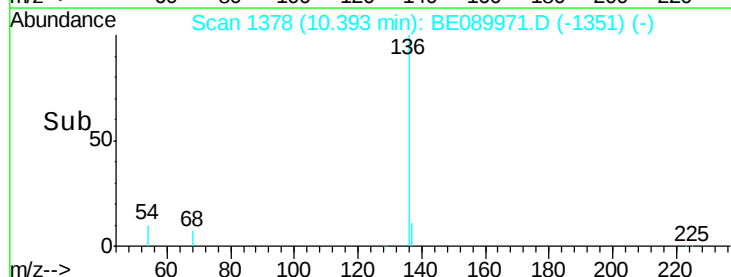
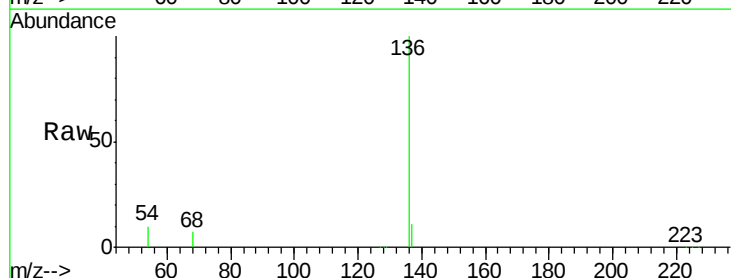
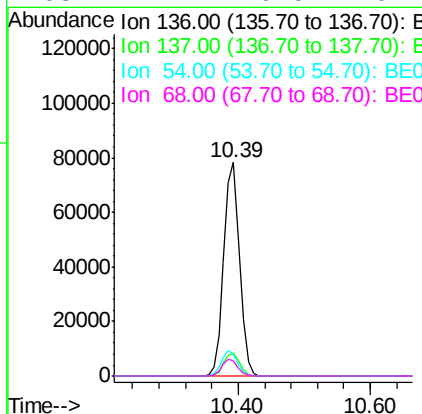
RT: 10.39 min Scan# 1378

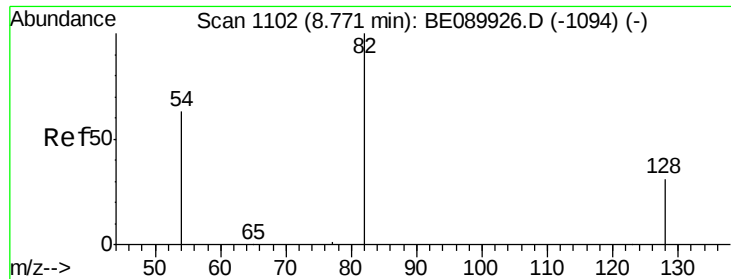
Delta R.T. 0.00 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

Tgt Ion:	136	Resp:	129590
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	10.3	9.7	14.5
68	7.1	6.5	9.7





#7

Nitrobenzene-d5

Concen: 8.39 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

Instrument :

BNA_E

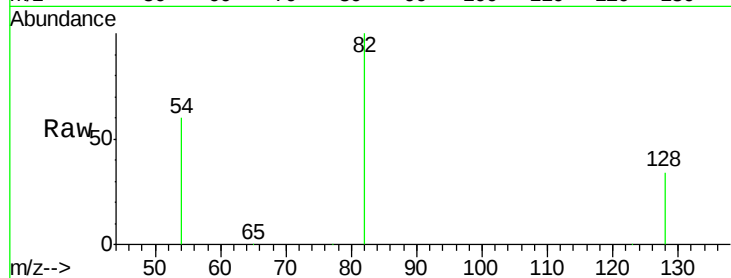
ClientSampleId :

X1SS0630006-150624

Tgt Ion:	82	Resp:	80928
Ion Ratio	Lower	Upper	
82	100		
128	33.9	25.6	38.4
54	60.0	51.2	76.8

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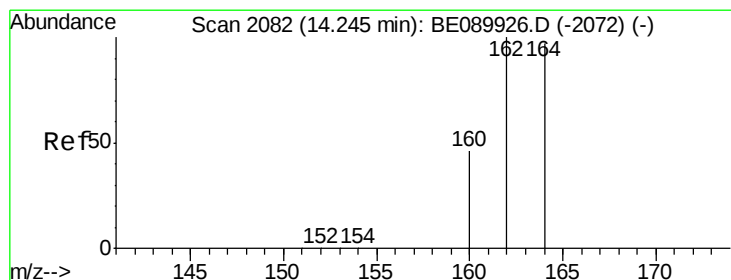
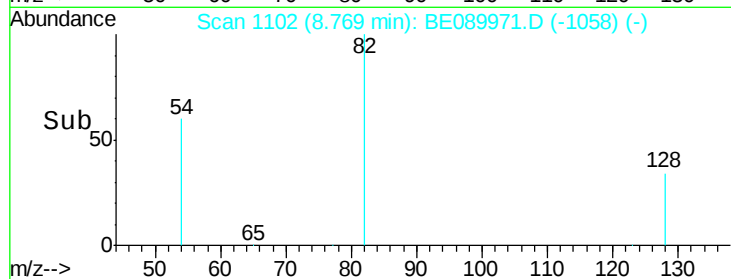
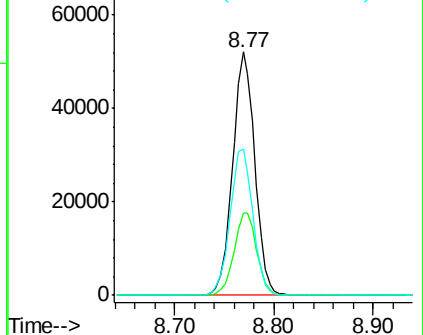
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

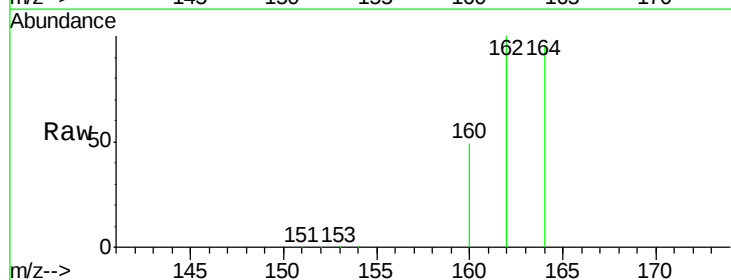
RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

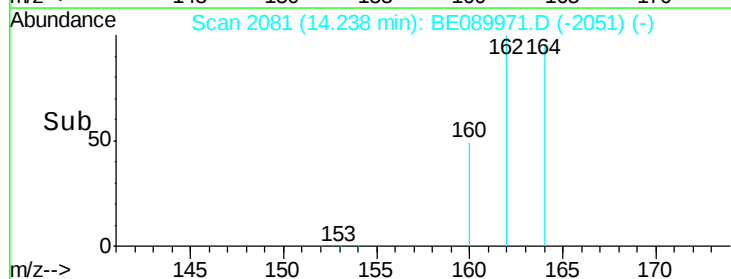
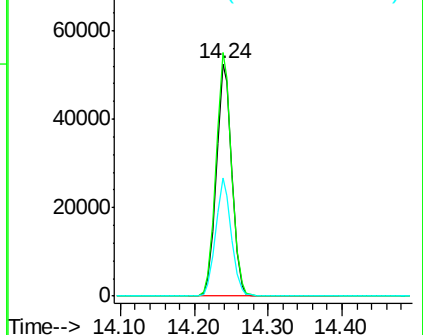
Tgt Ion:	164	Resp:	76070
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.7	124.1
160	51.1	38.3	57.5

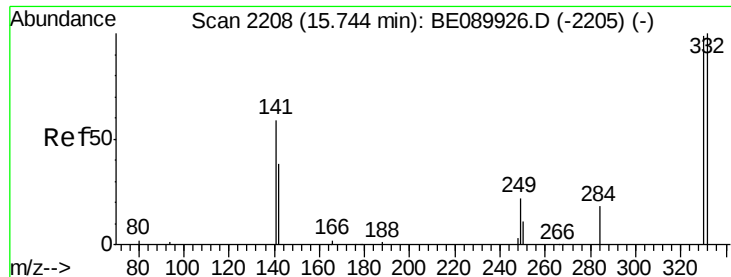


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





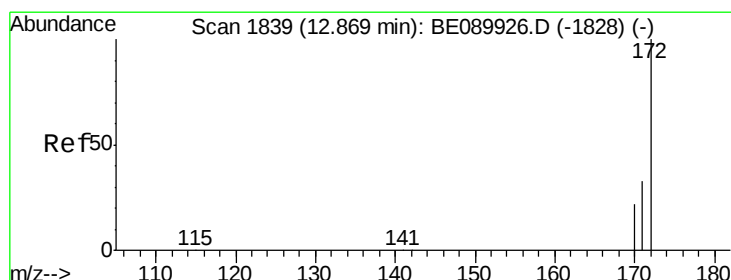
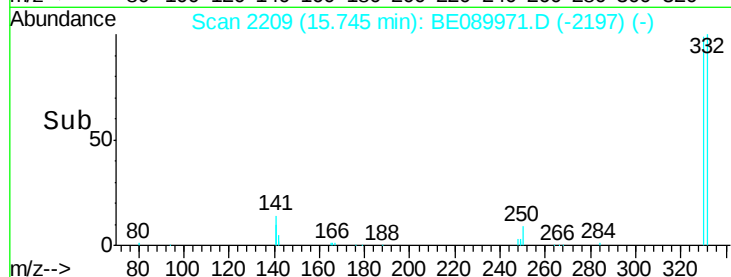
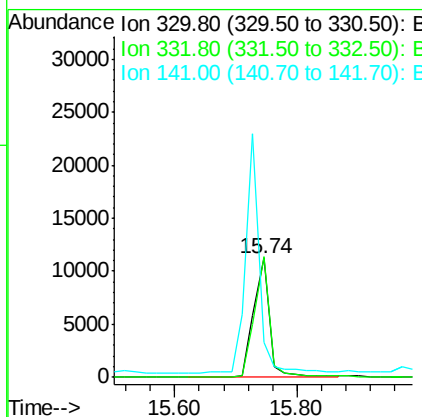
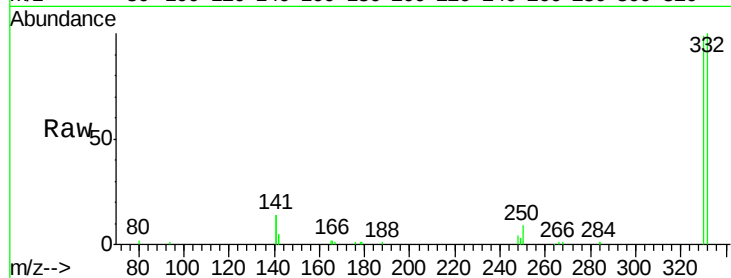
#13
 2,4,6-Tribromophenol
 Concen: 14.53 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089971.D
 Acq: 27 Jun 2015 11:44

Instrument :
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 ClientSampleId :
 X1SS0630006-150624

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.9	116.9
141	176.5	142.8	214.2

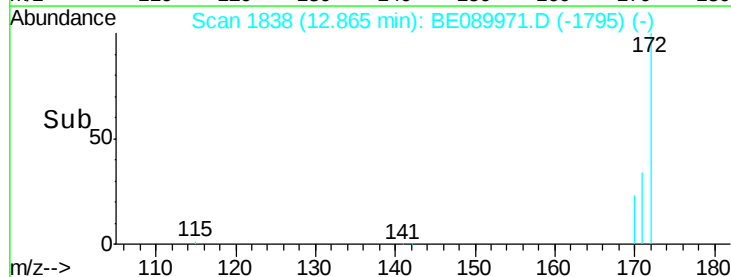
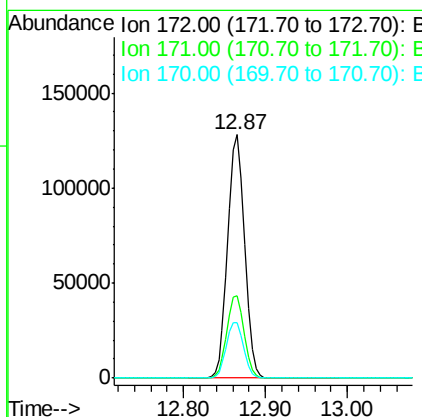
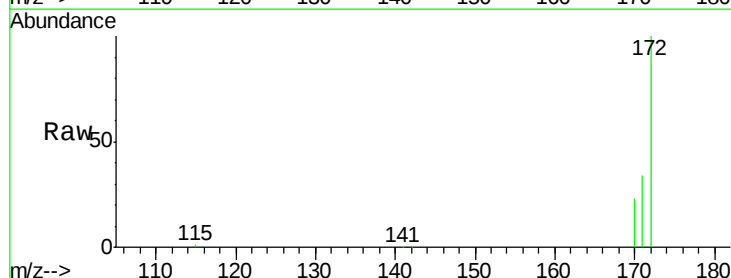
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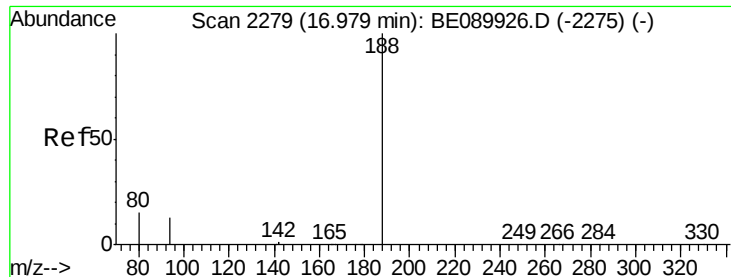
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#14
 2-Fluorobiphenyl
 Concen: 8.19 ng
 RT: 12.87 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089971.D
 Acq: 27 Jun 2015 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.7	40.1
170	22.6	17.5	26.3





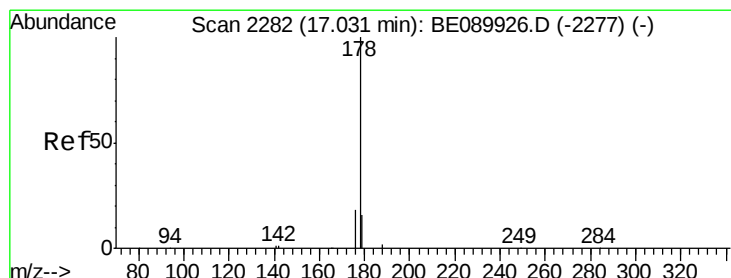
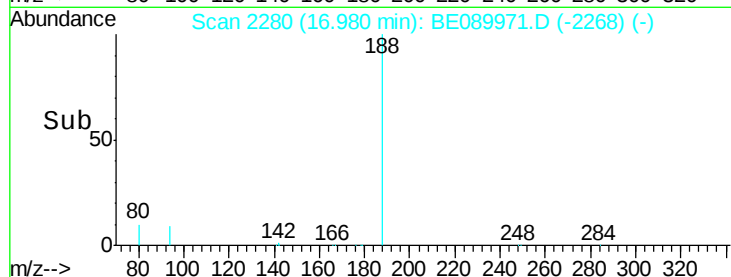
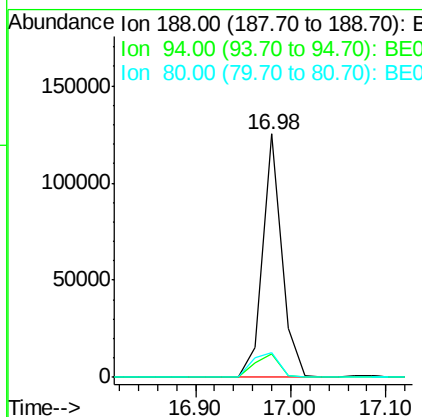
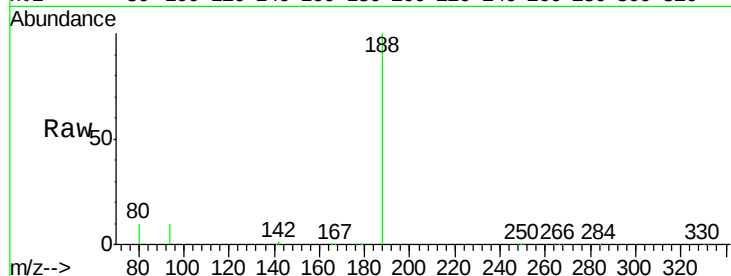
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	10.6	16.0#
80	10.2	11.8	17.6#

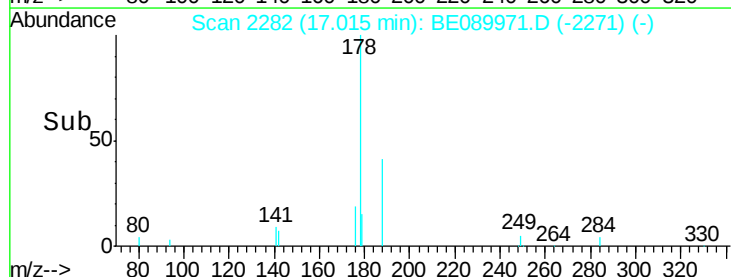
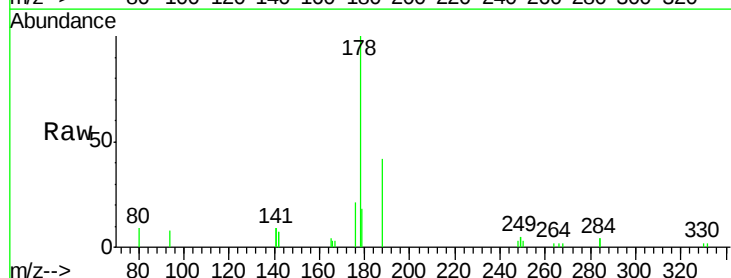
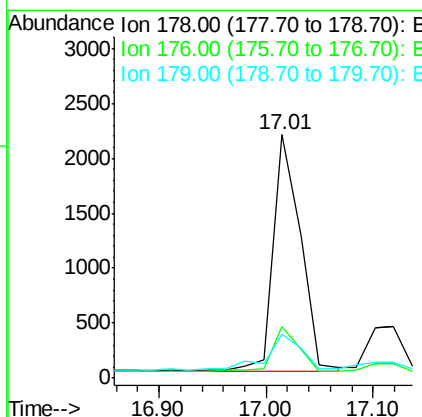
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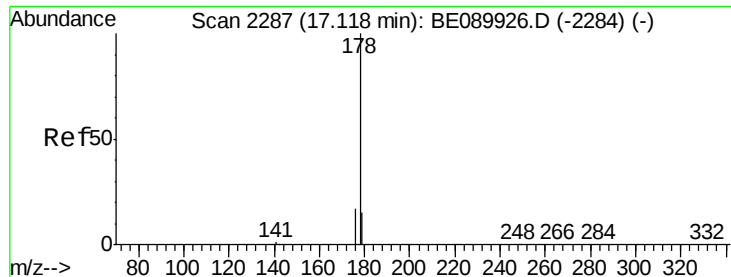
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#22
Phenanthrene
Concen: 0.09 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.7	15.4	23.2
179	19.5	12.6	19.0#





#23

Anthracene

Concen: 0.02 ng

RT: 17.12 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BE089971.D

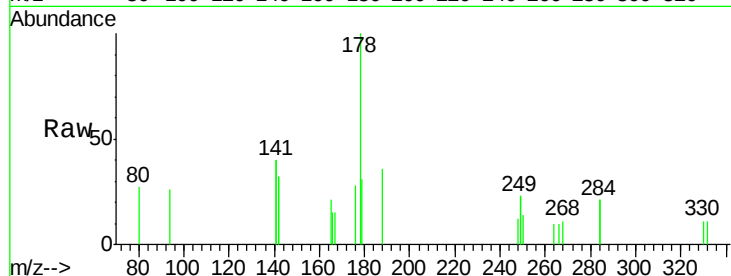
Acq: 27 Jun 2015 11:44

Instrument :

BNA_E

ClientSampleId :

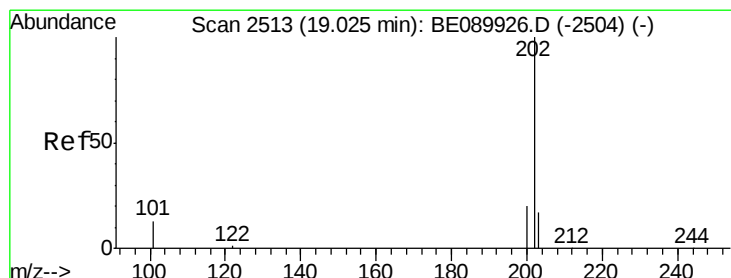
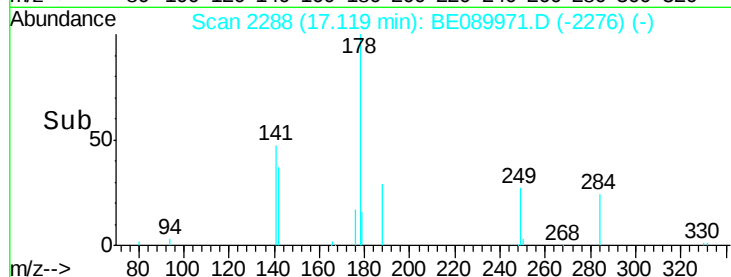
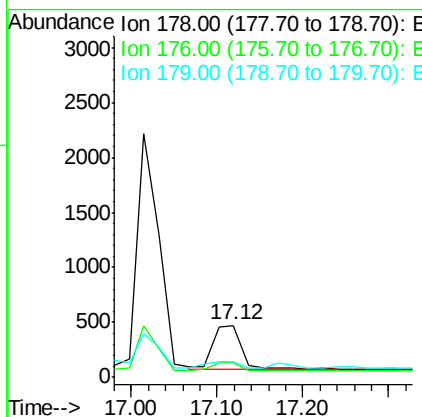
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Tgt Ion:	178	Resp:	927
Ion Ratio	Lower	Upper	
178	100		
176	16.9	14.6	21.8
179	16.8	12.3	18.5

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#24

Fluoranthene

Concen: 0.19 ng

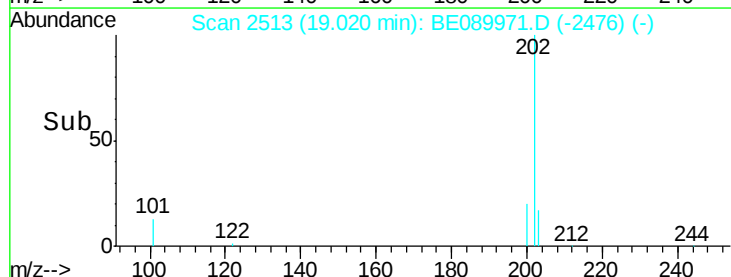
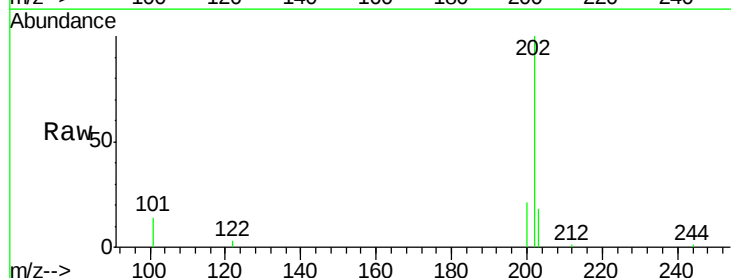
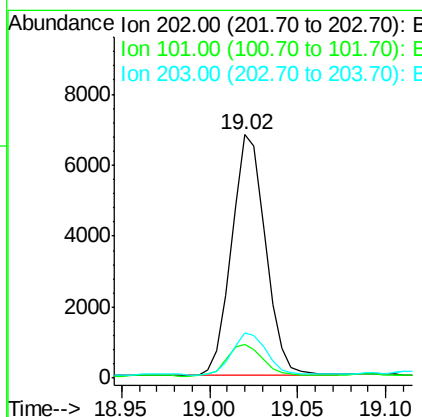
RT: 19.02 min Scan# 2513

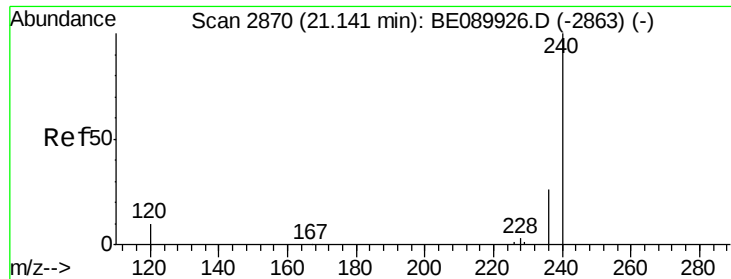
Delta R.T. -0.00 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

Tgt Ion:	202	Resp:	9100
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.6	16.0
203	17.5	13.8	20.8





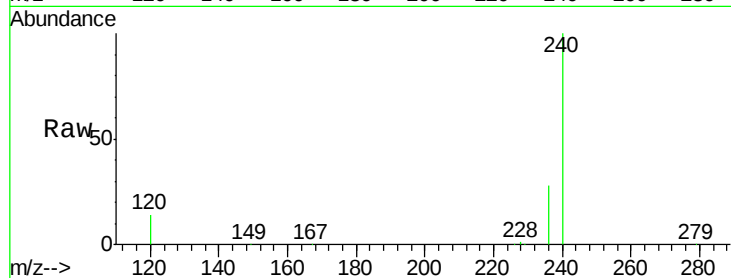
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

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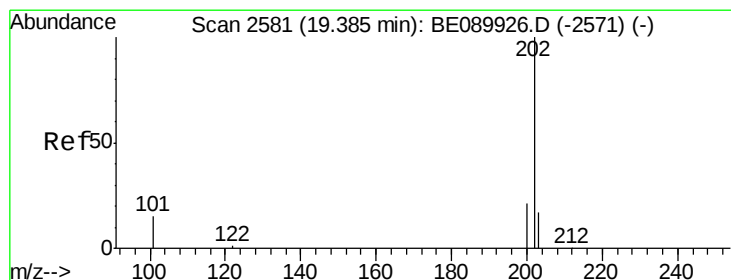
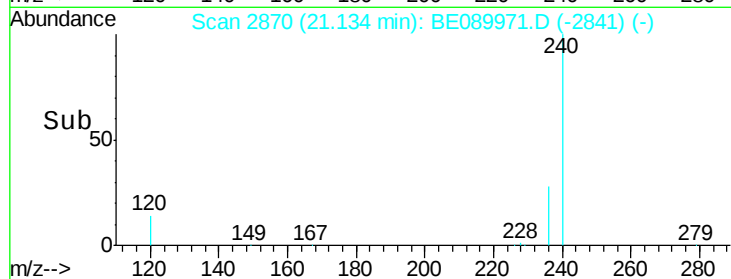
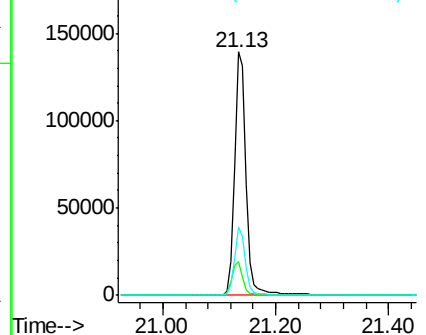
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	7.9	11.9#
236	28.1	21.2	31.8

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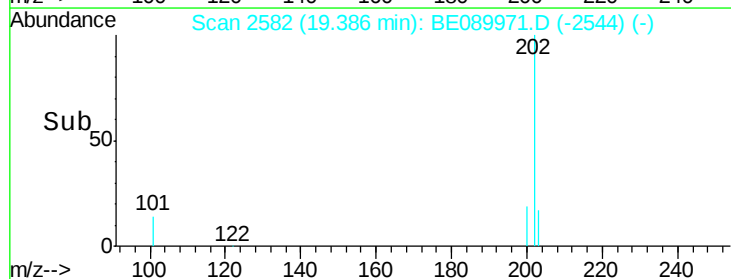
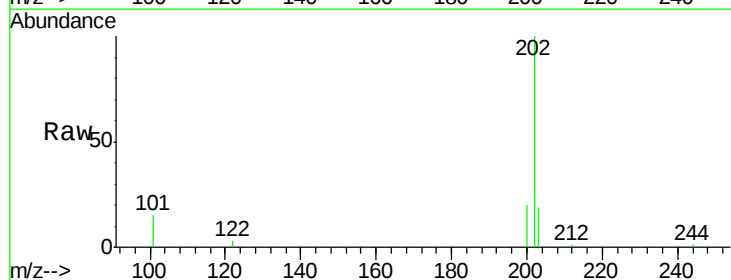
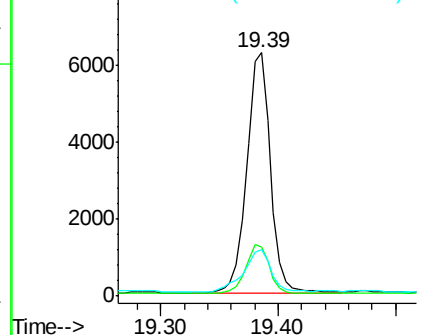
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

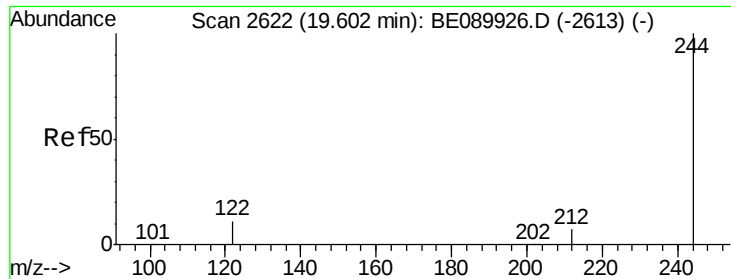


#26
Pyrene
Concen: 0.18 ng
RT: 19.39 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	20.7	13.9	20.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 7.68 ng

RT: 19.60 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

Instrument :

BNA_E

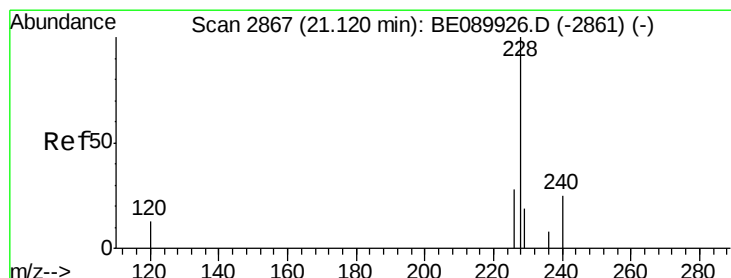
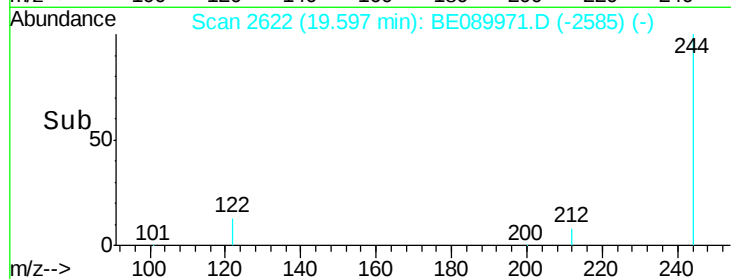
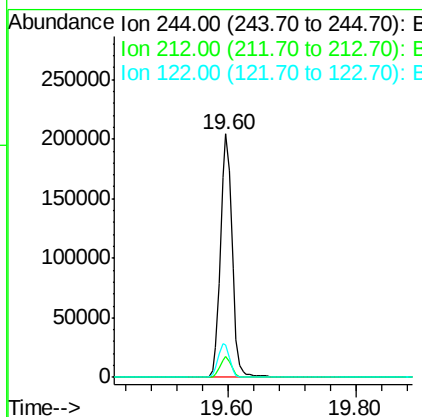
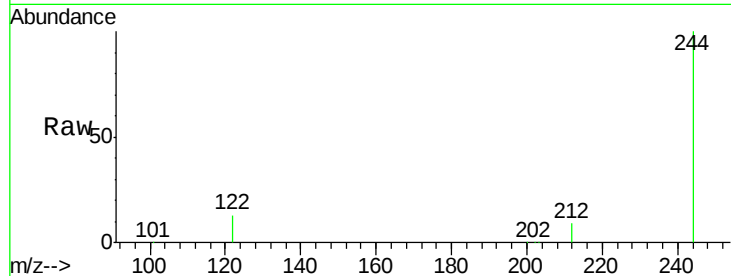
ClientSampleId :

X1SS0630006-150624

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.5	6.1	9.1
122	13.3	8.7	13.1

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#28

Benzo(a)anthracene

Concen: 0.13 ng

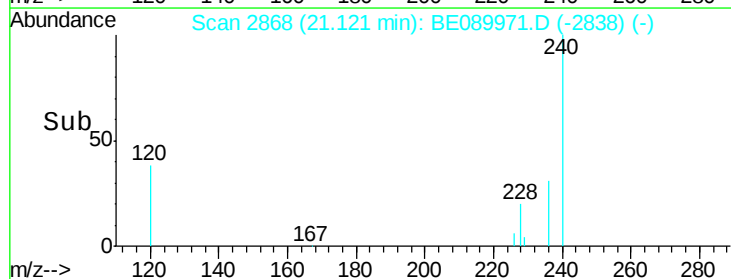
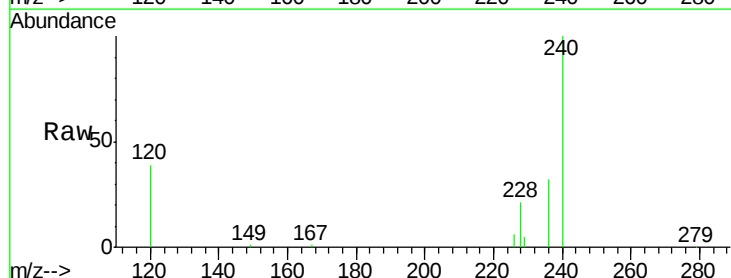
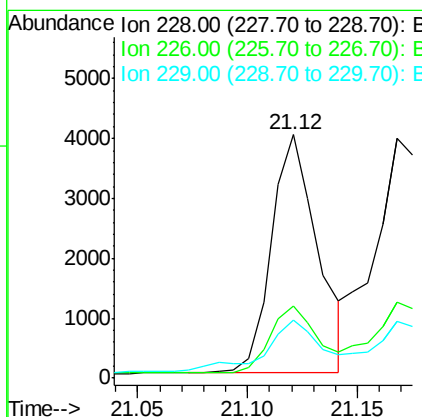
RT: 21.12 min Scan# 2868

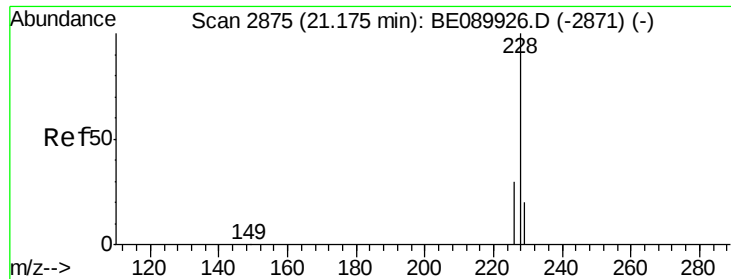
Delta R.T. 0.00 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	22.2	33.4
229	23.8	15.3	22.9





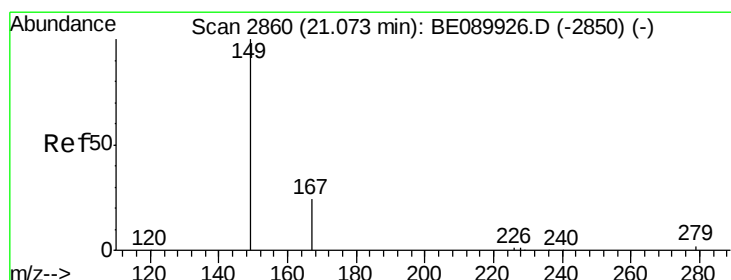
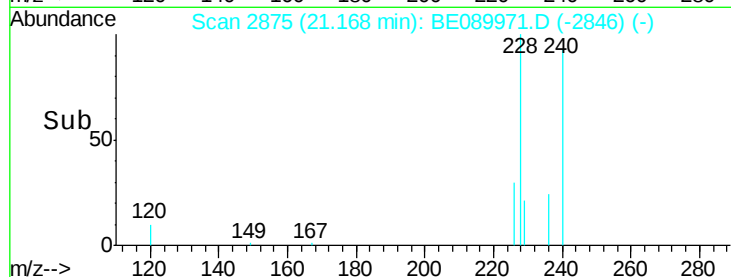
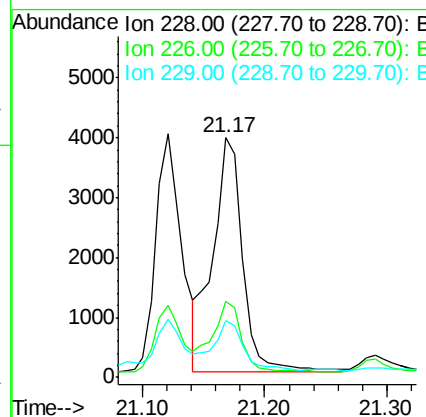
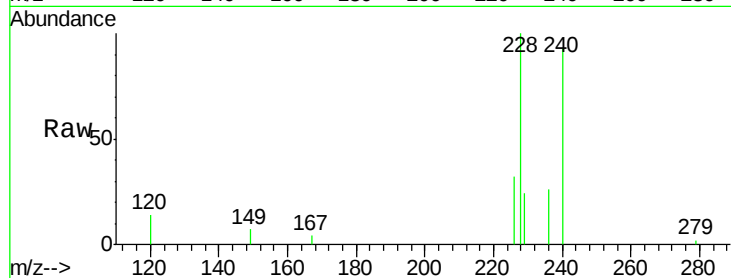
#29
Chrysene
Concen: 0.13 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

Instrument :
BNA_E
ClientSampleId :
X1SS0630006-150624

Tgt Ion: 228 Resp: 6623
Ion Ratio Lower Upper
228 100
226 31.8 23.7 35.5
229 23.5 15.8 23.8

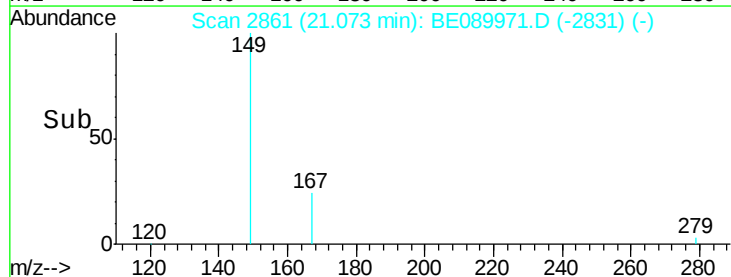
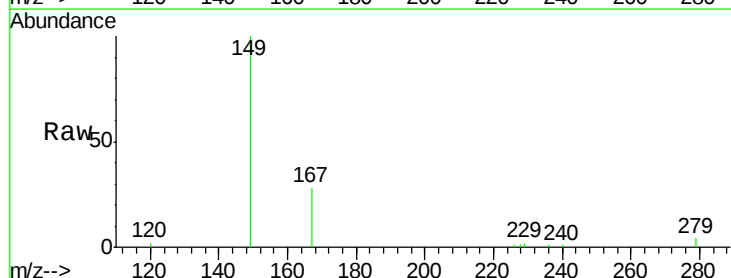
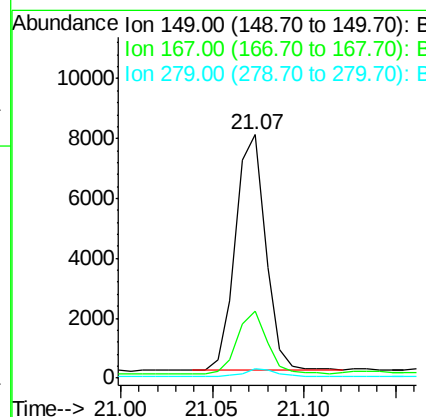
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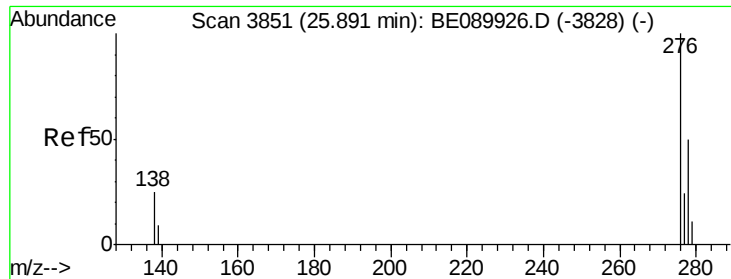
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#30
Bis(2-ethylhexyl)phthalate
Concen: 2.27 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

Tgt Ion: 149 Resp: 8963
Ion Ratio Lower Upper
149 100
167 25.8 20.3 30.5
279 3.1 2.7 4.1





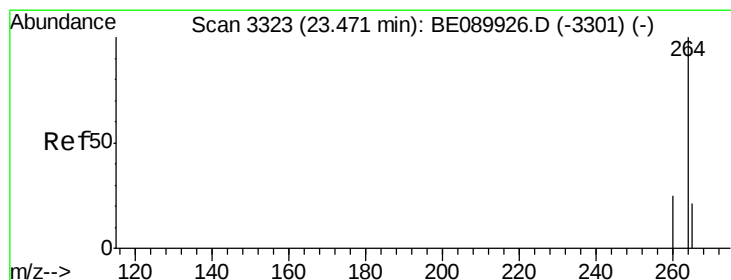
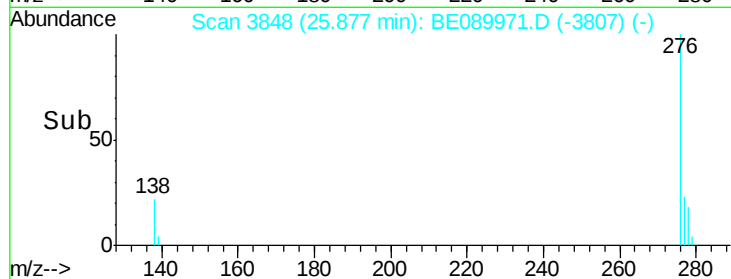
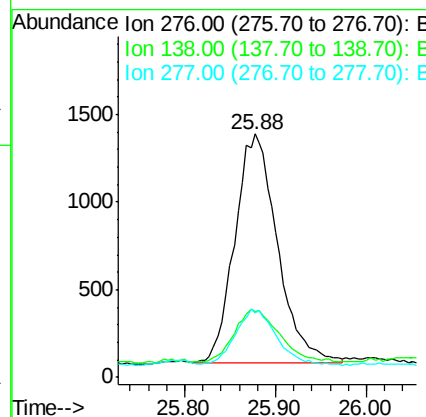
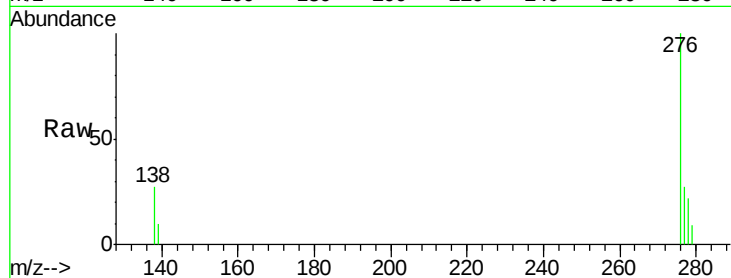
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng
 RT: 25.88 min Scan# 3848
 Delta R.T. -0.01 min
 Lab File: BE089971.D
 Acq: 27 Jun 2015 11:44

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0630006-150624

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	0.0	0.0#
277	23.7	0.0	0.0#

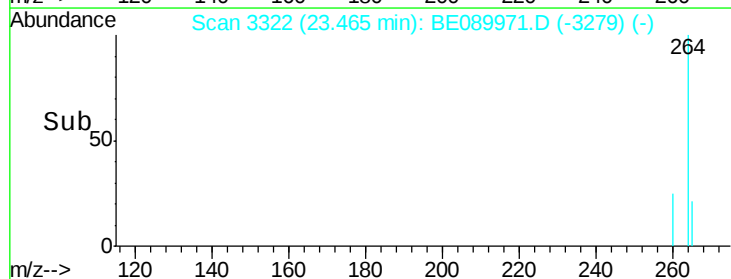
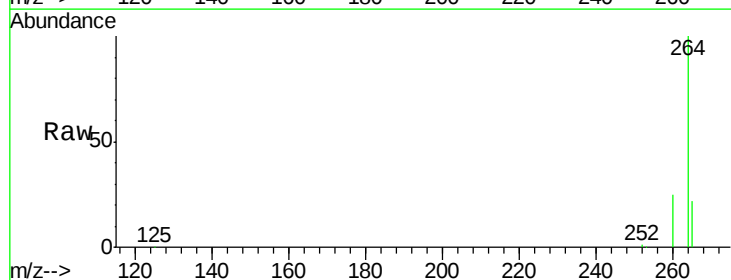
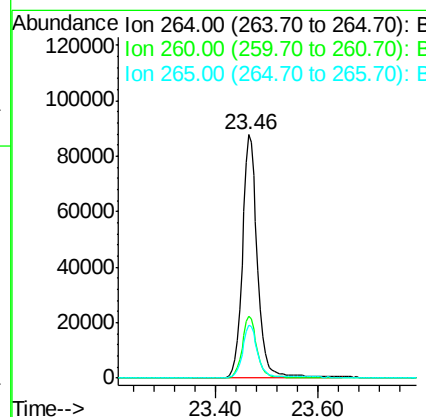
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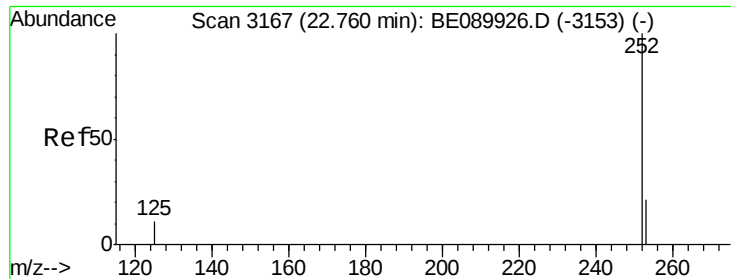
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#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 3322
 Delta R.T. -0.01 min
 Lab File: BE089971.D
 Acq: 27 Jun 2015 11:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.6
265	21.7	17.3	25.9





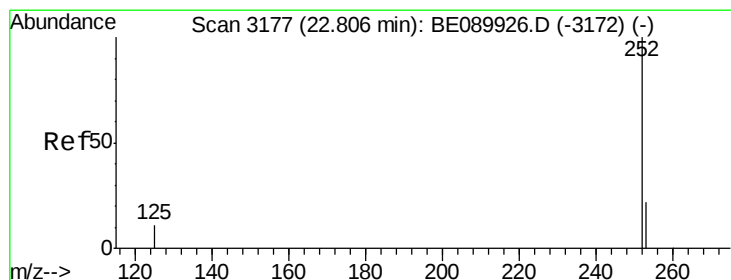
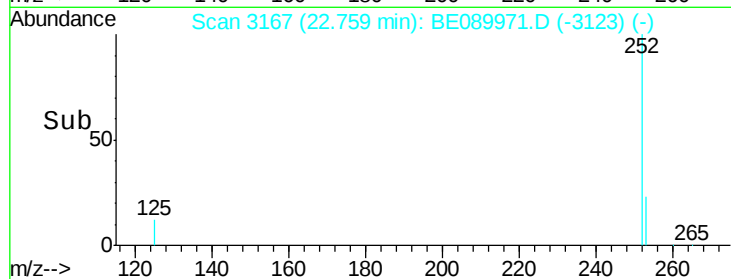
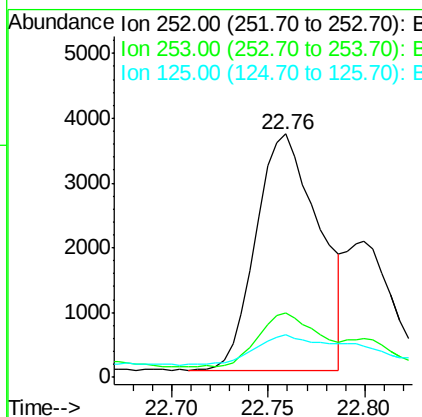
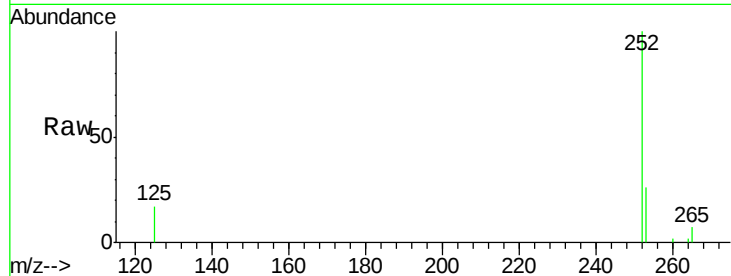
#33
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

Instrument :
BNA_E
ClientSampleId :
X1SS0630006-150624

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.3	25.9#
125	17.4	9.3	13.9#

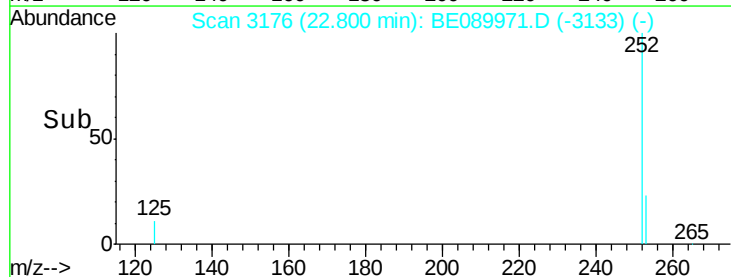
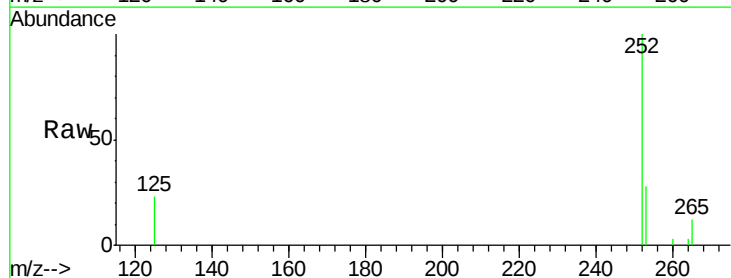
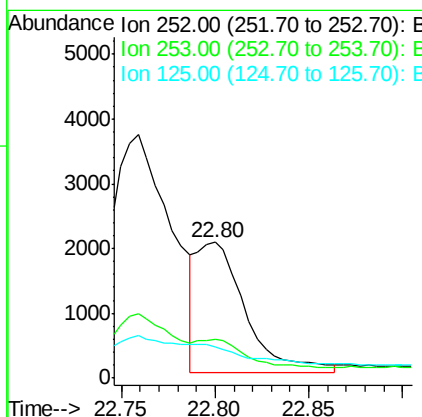
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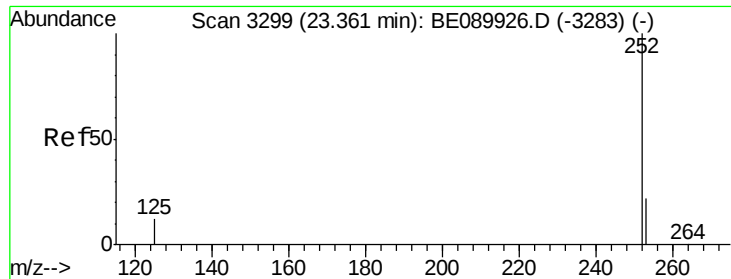
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#34
Benzo(k)fluoranthene
Concen: 0.08 ng m
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089971.D
Acq: 27 Jun 2015 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.9	26.9#
125	22.6	9.2	13.8#





#35

Benzo(a)pyrene

Concen: 0.15 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.00 min

Lab File: BE089971.D

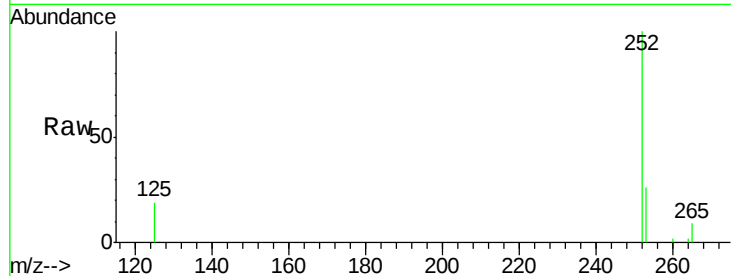
Acq: 27 Jun 2015 11:44

Instrument :

BNA_E

ClientSampleId :

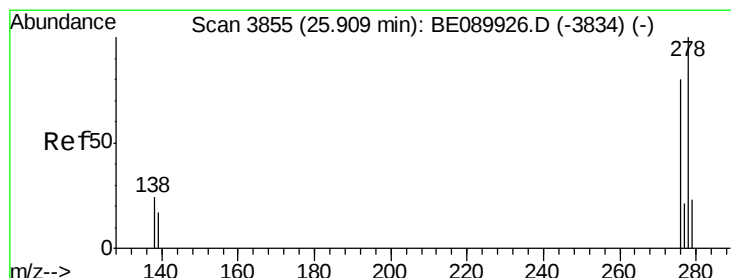
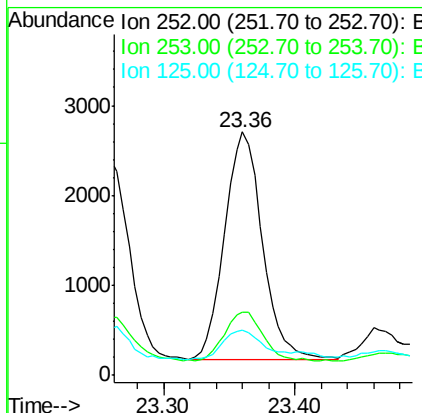
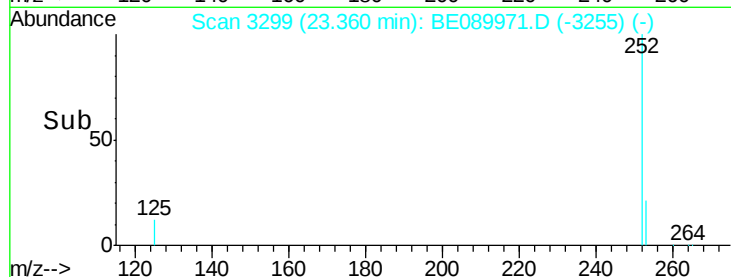
X1SS0630006-150624



Tgt Ion:	252	Resp:	5035
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.8	26.6
125	18.6	10.3	15.5#

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#36

Dibenzo(a,h)anthracene

Concen: 0.03 ng

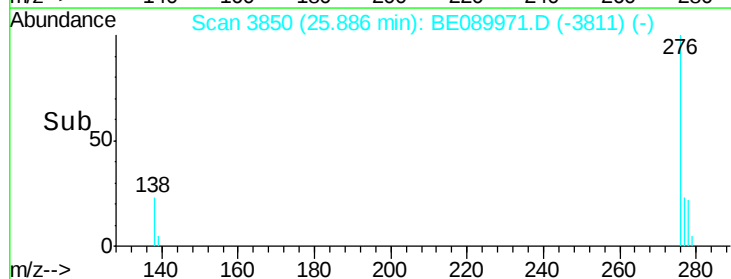
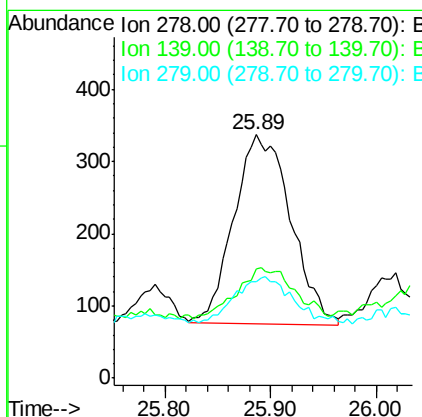
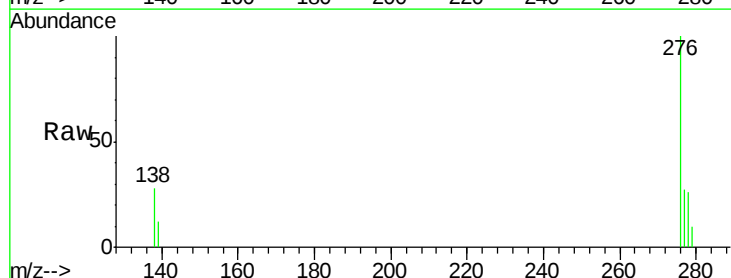
RT: 25.89 min Scan# 3850

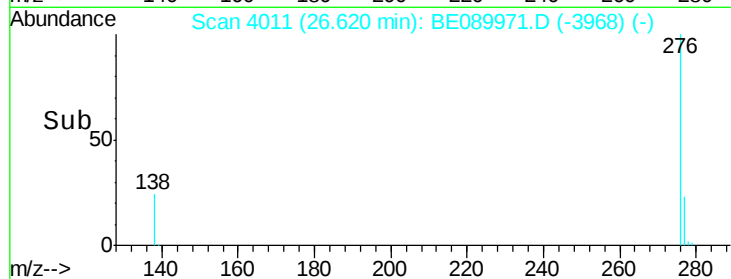
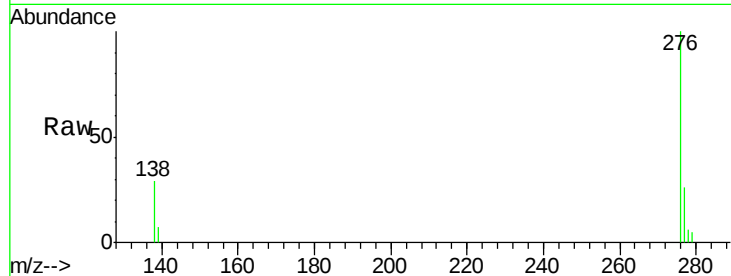
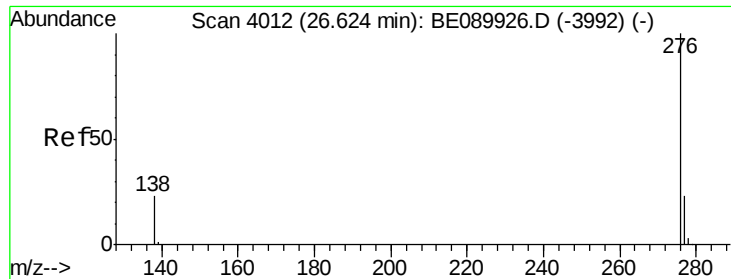
Delta R.T. -0.02 min

Lab File: BE089971.D

Acq: 27 Jun 2015 11:44

Tgt Ion:	278	Resp:	979
Ion Ratio	Lower	Upper	
278	100		
139	44.8	14.1	21.1#
279	39.8	19.0	28.6#





#37
 Benzo(g,h,i)perylene
 Concen: 0.15 ng
 RT: 26.62 min Scan# 4011
 Delta R.T. -0.00 min
 Lab File: BE089971.D
 Acq: 27 Jun 2015 11:44

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0630006-150624

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	29.0	18.8	28.2

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