

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
 Data File : BE090493.D
 Acq On : 13 Aug 2015 6:48
 Operator : UM/IZ
 Sample : G3248-10
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-05

Manual Integrations
 APPROVED

MMDadoda
 8/13/2015 3:35:27 PM

Quant Time: Aug 13 08:51:42 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21791	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	102656	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	59339	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	132660	5.00	ng	0.00
25) Chrysene-d12	21.09	240	158676	5.00	ng	0.00
32) Perylene-d12	23.40	264	150285	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	301	0.09	ng	0.00
5) Phenol-d6	6.77	99	4133	0.81	ng	0.00
7) Nitrobenzene-d5	8.72	82	30371	3.69	ng	-0.01
13) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
14) 2-Fluorobiphenyl	12.82	172	69275	4.24	ng	0.00
27) Terphenyl-d14	19.55	244	110763	4.74	ng	-0.01
Target Compounds						
9) Naphthalene	10.38	128	3983	0.18	ng	# 93
11) 2-Methylnaphthalene	12.00	142	2419	0.18	ng	96
15) Acenaphthylene	13.91	152	2429	0.03	ng	# 79
22) Phenanthrene	16.98	178	136810	4.12	ng	99
24) Fluoranthene	18.98	202	177243	5.43	ng	99
26) Pyrene	19.34	202	95246	2.77	ng	98
28) Benzo(a)anthracene	21.08	228	9786	0.28	ng	# 77
29) Chrysene	21.13	228	43005	1.01	ng	93
30) Bis(2-ethylhexyl)phthalate	21.03	149	698331	22.92	ng	99
31) Indeno(1,2,3-cd)pyrene	25.77	276	6185	0.41	ng	98
33) Benzo(b)fluoranthene	22.70	252	23275	0.85	ng	# 81
34) Benzo(k)fluoranthene	22.74	252	7921m	0.19	ng	
37) Benzo(g,h,i)perylene	26.51	276	6972	0.25	ng	# 88

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

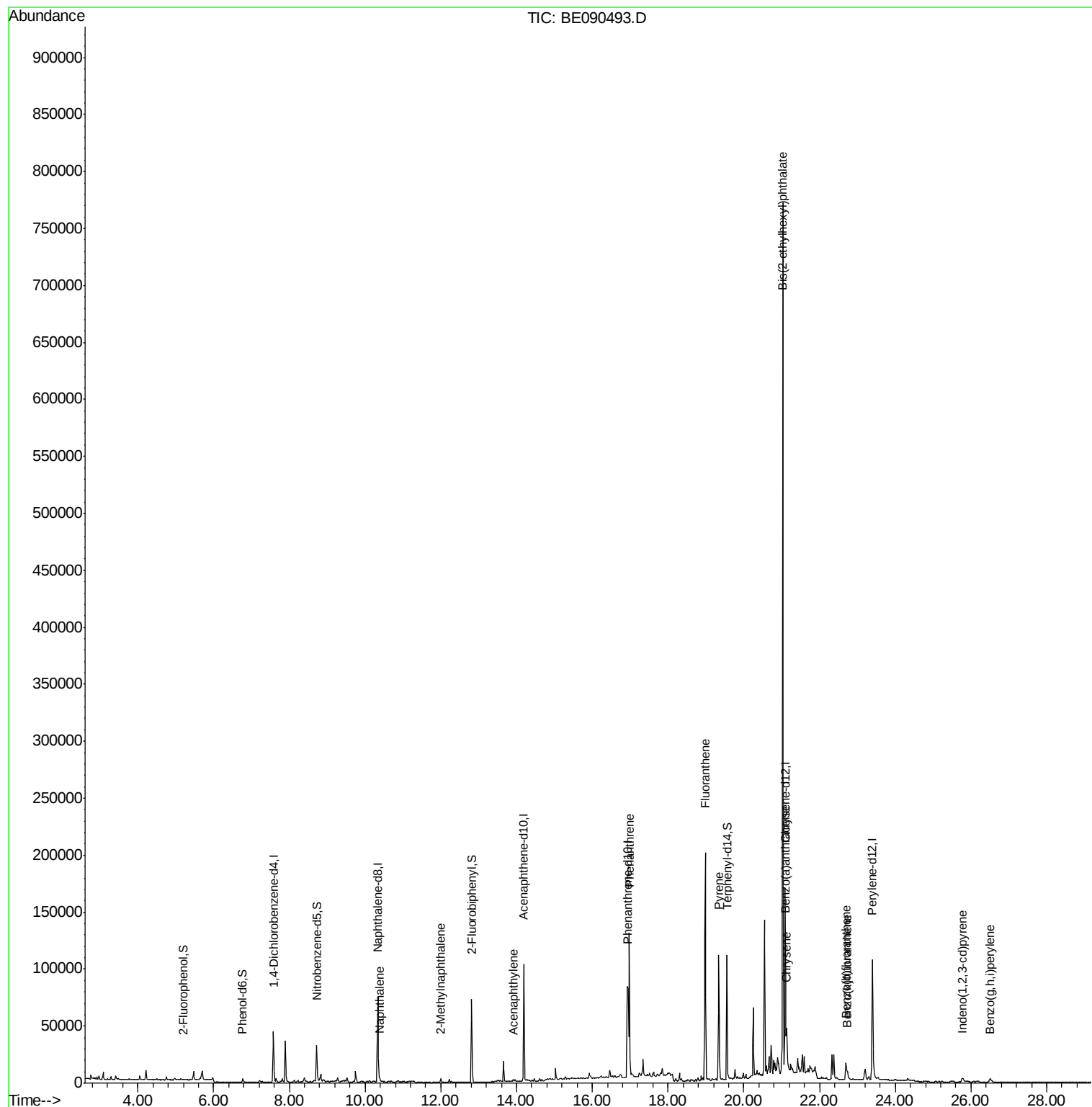
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090493.D
Acq On : 13 Aug 2015 6:48
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Sample : G3248-10
Misc :
ALS Vial : 57 Sample Multiplier: 1

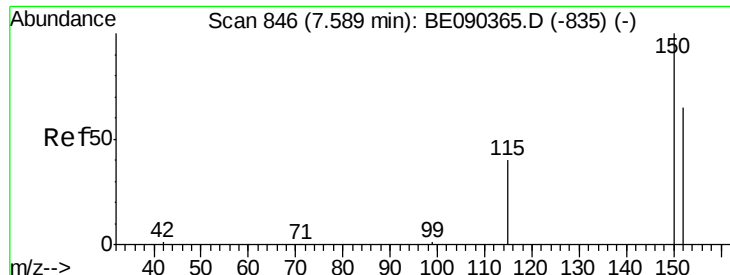
Instrument :
BNA_E
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE090493.D

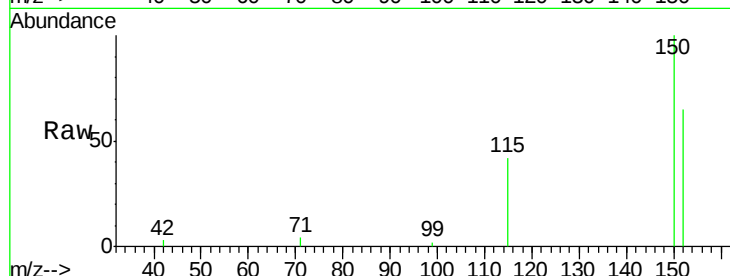
Acq: 13 Aug 2015 6:48

Instrument :

BNA_E

ClientSampleId :

CSB-05



Tgt Ion:152 Resp: 21791

Ion Ratio Lower Upper

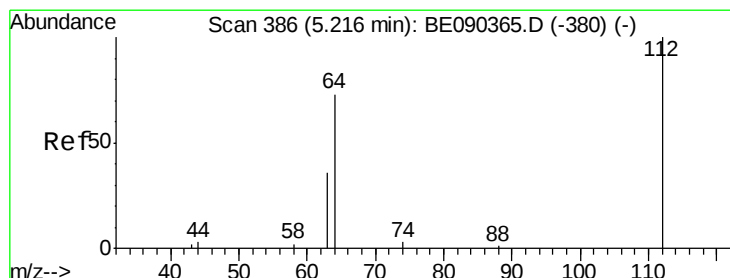
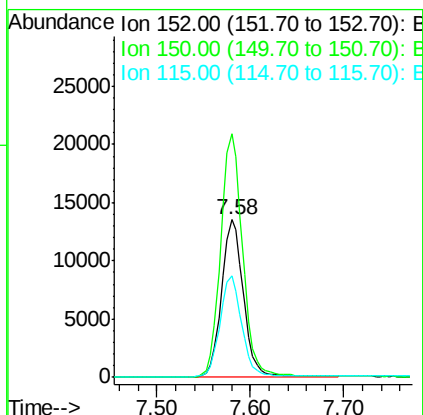
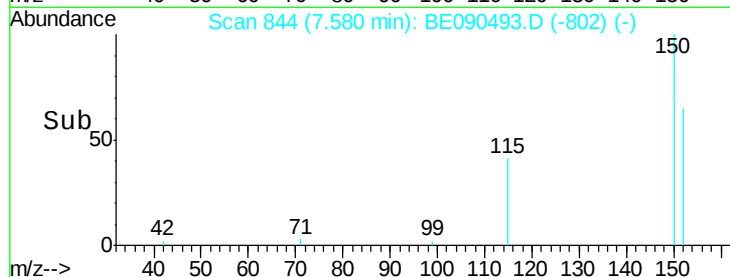
152 100

150 154.7 123.0 184.4

115 64.3 48.9 73.3

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#4

2-Fluorophenol

Concen: 0.09 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090493.D

Acq: 13 Aug 2015 6:48

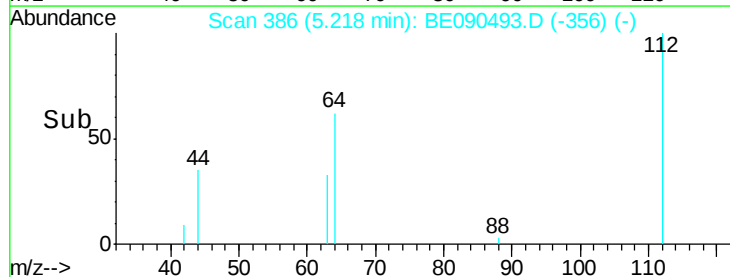
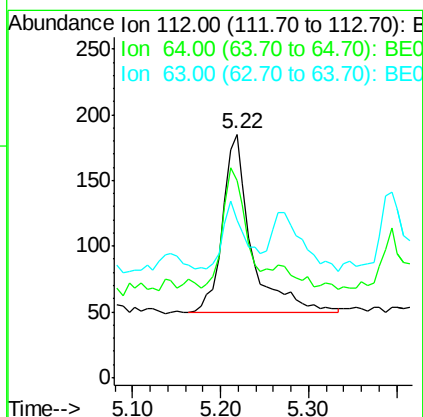
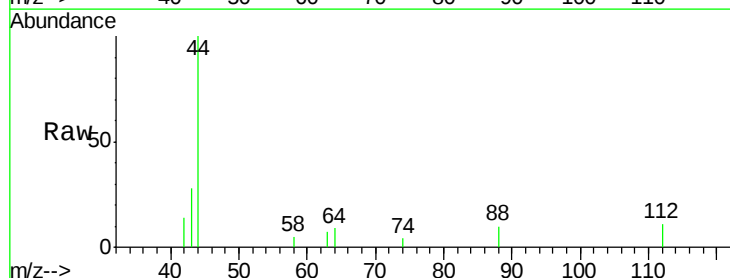
Tgt Ion:112 Resp: 301

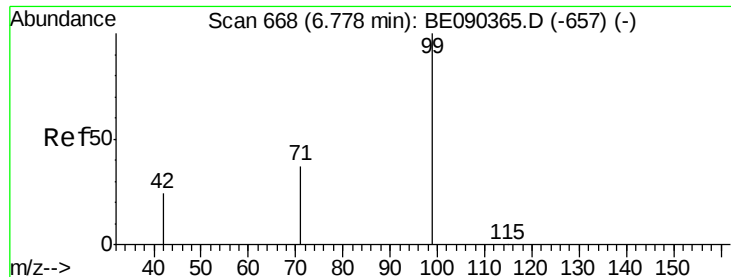
Ion Ratio Lower Upper

112 100

64 53.8 37.1 55.7

63 29.2 19.5 29.3





#5

Phenol-d6

Concen: 0.81 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090493.D

Acq: 13 Aug 2015 6:48

Instrument :

BNA_E

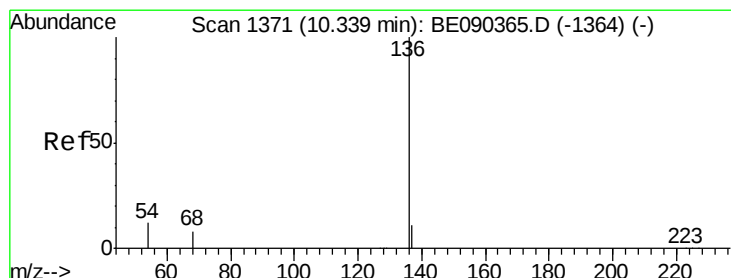
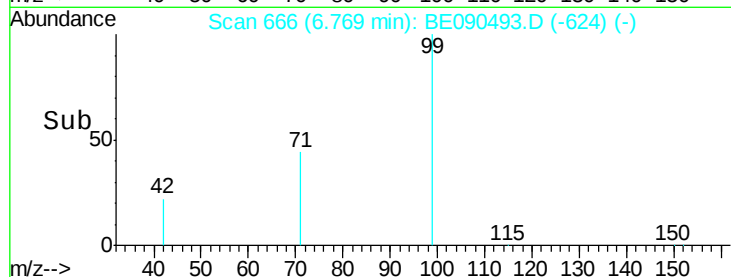
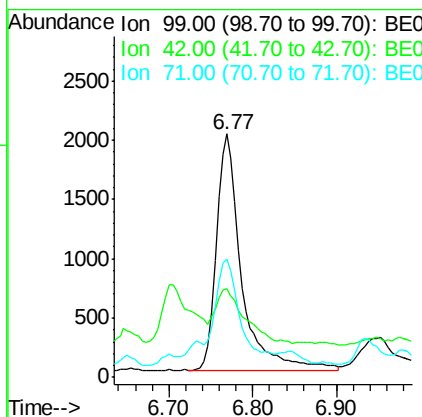
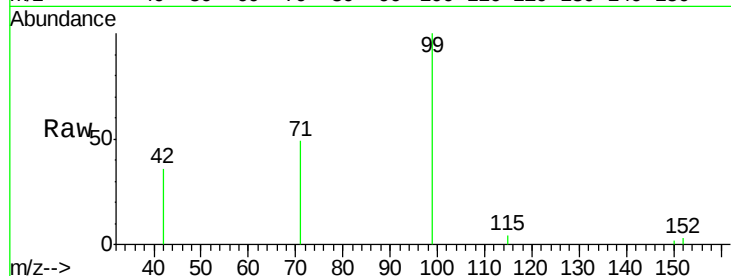
ClientSampleId :

CSB-05

Tgt Ion:	99	Resp:	4133
Ion Ratio	Lower	Upper	
99	100		
42	25.6	18.2	27.4
71	35.2	27.4	41.0

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#6

Naphthalene-d8

Concen: 5.00 ng

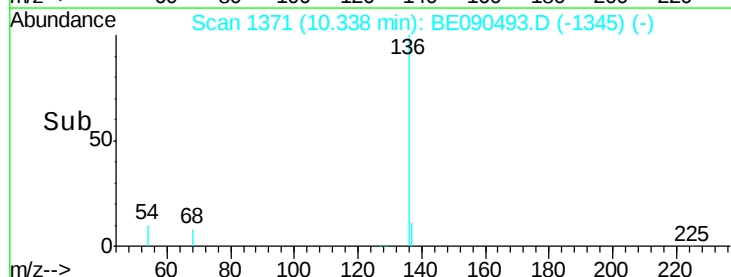
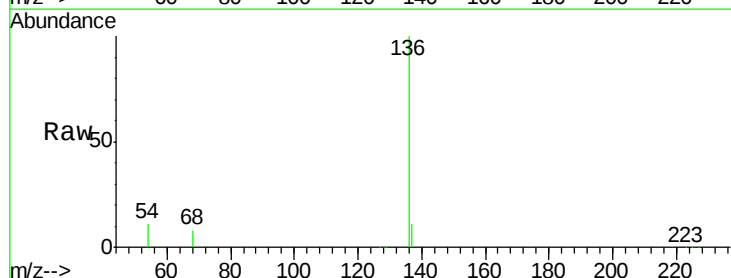
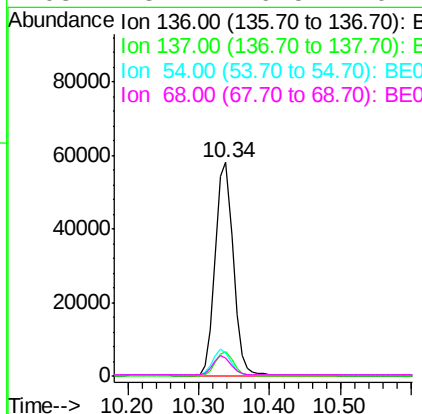
RT: 10.34 min Scan# 1371

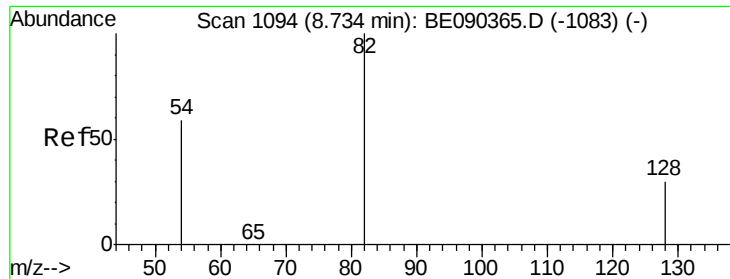
Delta R.T. -0.00 min

Lab File: BE090493.D

Acq: 13 Aug 2015 6:48

Tgt Ion:	136	Resp:	102656
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	10.7	9.4	14.0
68	8.4	6.5	9.7





#7

Nitrobenzene-d5

Concen: 3.69 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090493.D

Acq: 13 Aug 2015 6:48

Instrument :

BNA_E

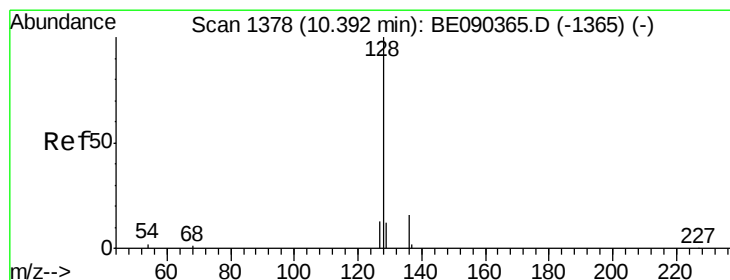
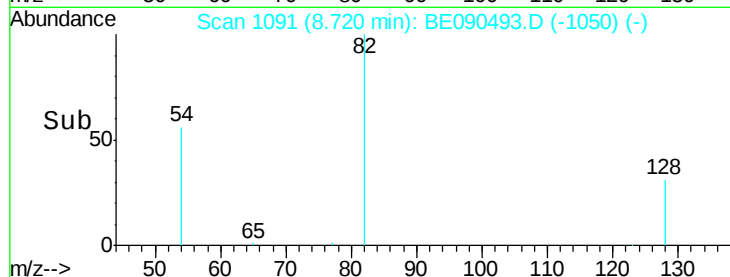
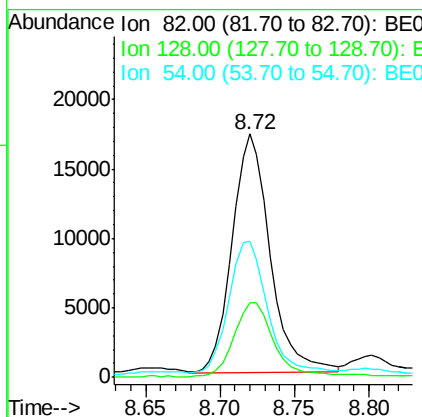
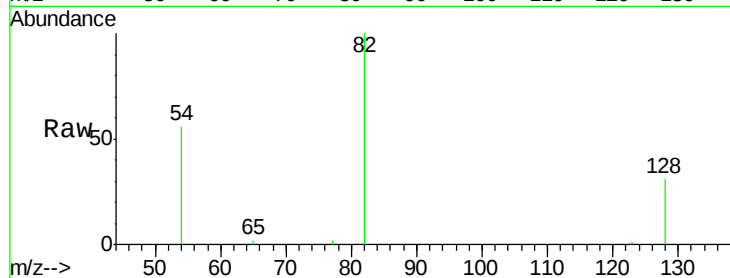
ClientSampleId :

CSB-05

Tgt Ion:	82	Resp:	30371
Ion Ratio	Lower	Upper	
82	100		
128	30.9	25.0	37.6
54	56.0	48.8	73.2

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#9

Naphthalene

Concen: 0.18 ng

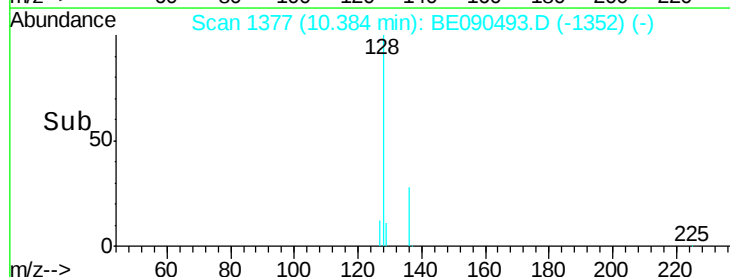
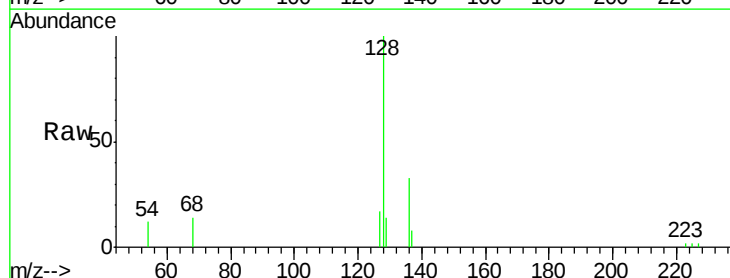
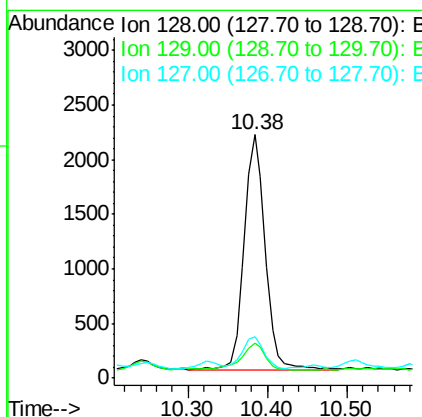
RT: 10.38 min Scan# 1377

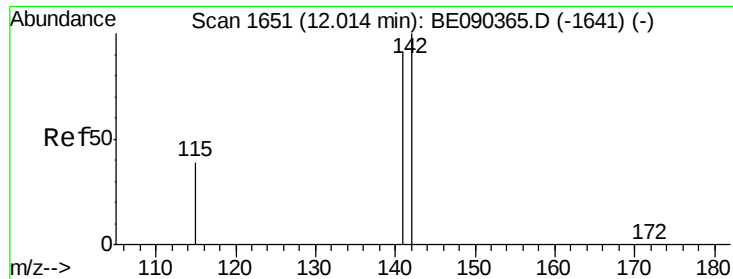
Delta R.T. -0.01 min

Lab File: BE090493.D

Acq: 13 Aug 2015 6:48

Tgt Ion:	128	Resp:	3983
Ion Ratio	Lower	Upper	
128	100		
129	14.3	9.8	14.6
127	16.9	10.6	16.0#





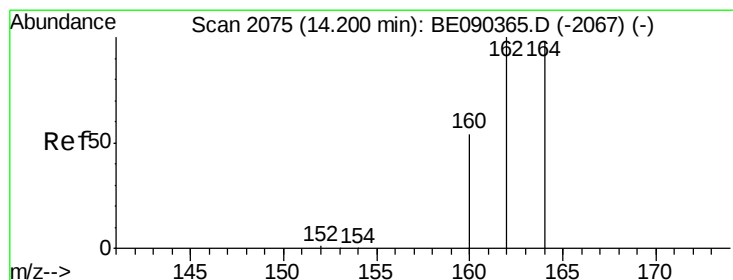
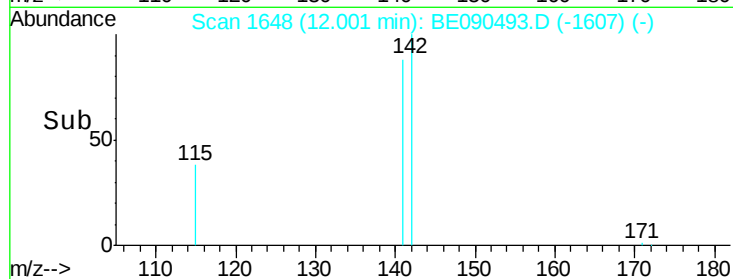
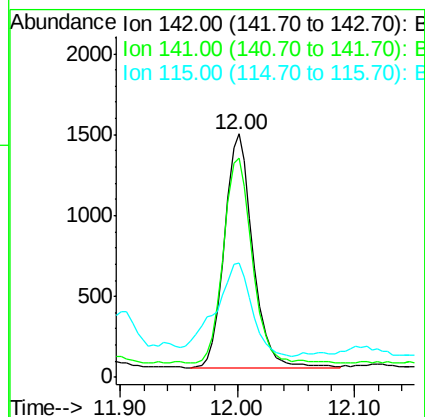
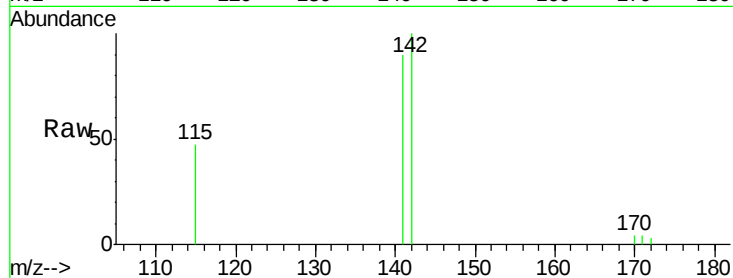
#11
2-Methylnaphthalene
Concen: 0.18 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Instrument :
BNA_E
ClientSampleId :
CSB-05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	109.0
115	47.2	31.6	47.4

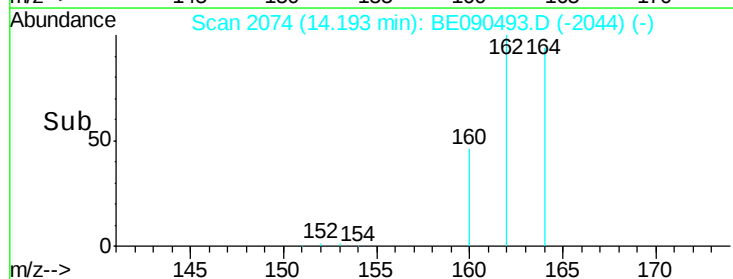
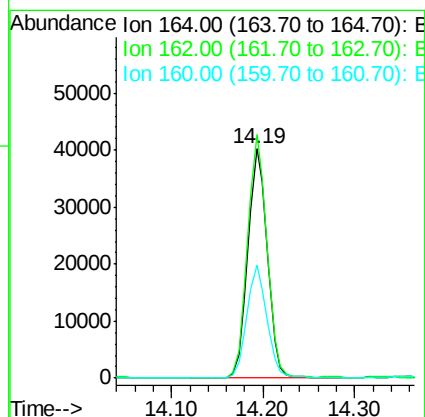
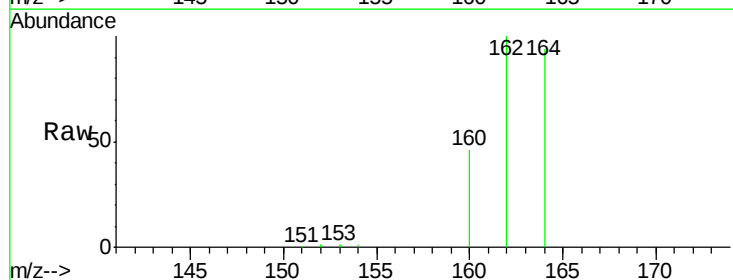
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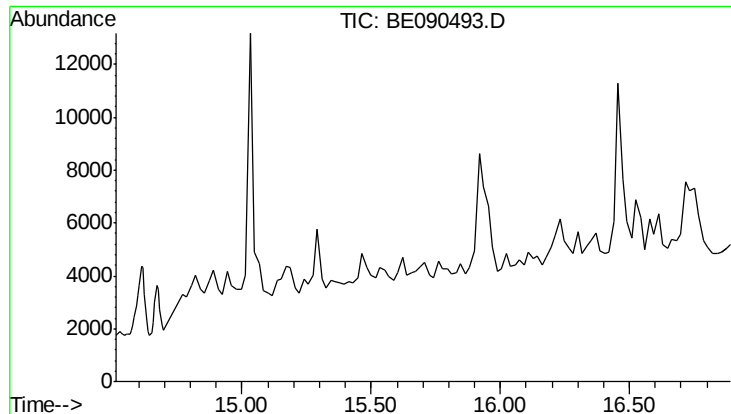
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.8	122.8
160	49.3	44.2	66.4





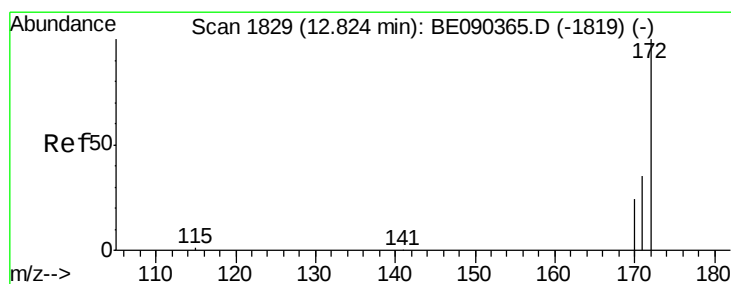
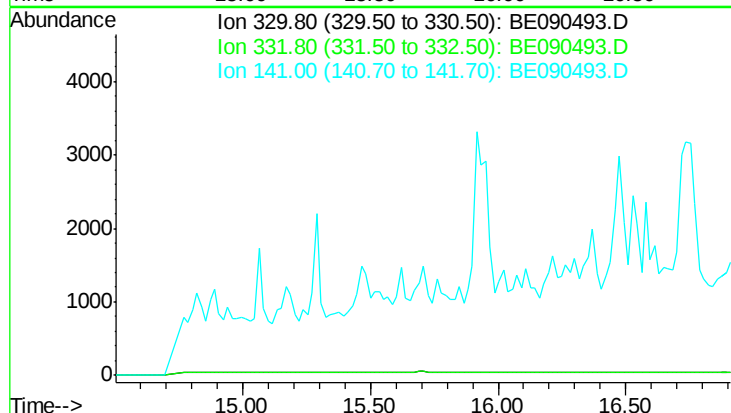
#13
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.71 min
 Lab File: BE090493.D
 Acq: 13 Aug 2015 6:48

Instrument :
 BNA_E
 ClientSampleId :
 CSB-05

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 94.7
 141 143.0

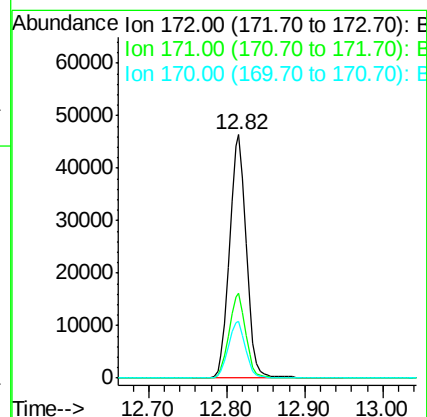
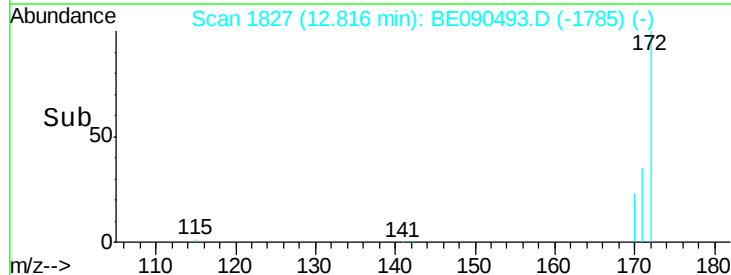
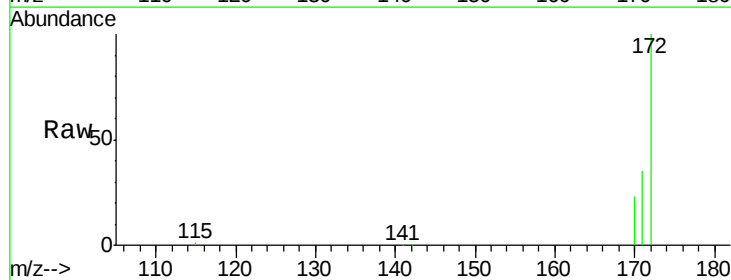
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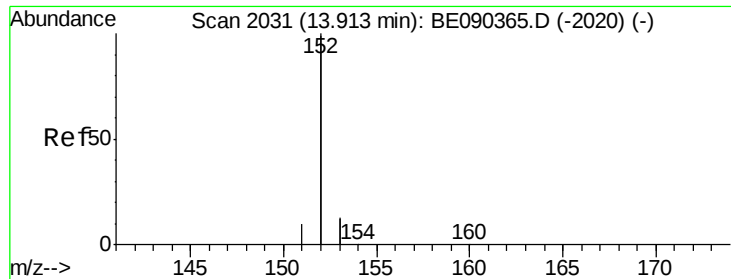
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#14
 2-Fluorobiphenyl
 Concen: 4.24 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090493.D
 Acq: 13 Aug 2015 6:48

Tgt Ion: 172 Resp: 69275
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.1 19.8 29.8





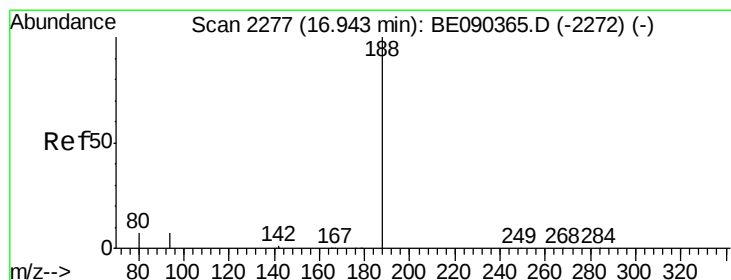
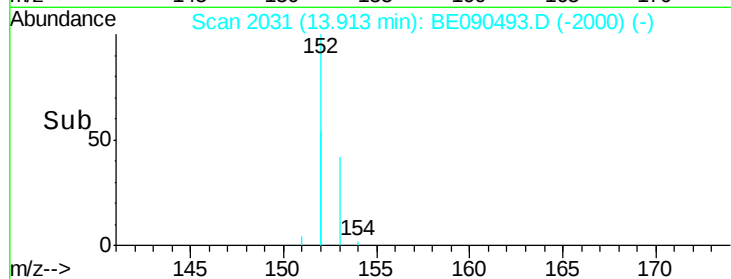
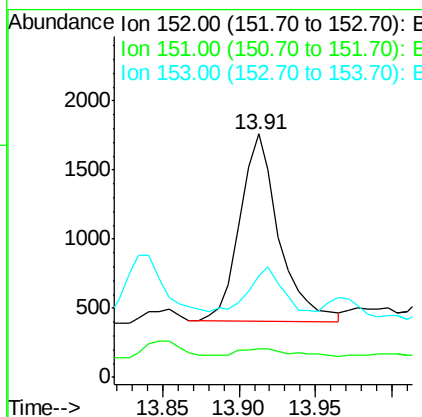
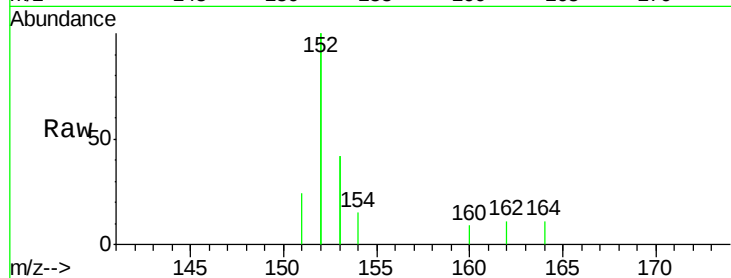
#15
Acenaphthylene
Concen: 0.03 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Instrument :
BNA_E
ClientSampleId :
CSB-05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	6.7	3.8	5.8#
153	23.5	10.3	15.5#

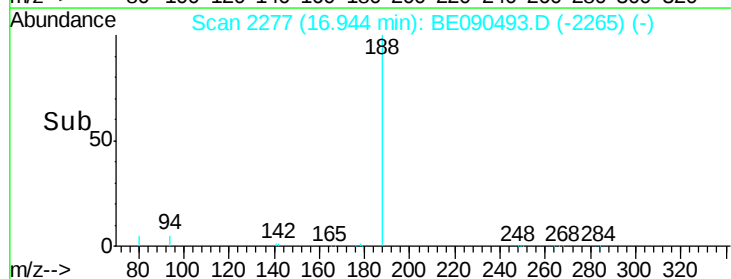
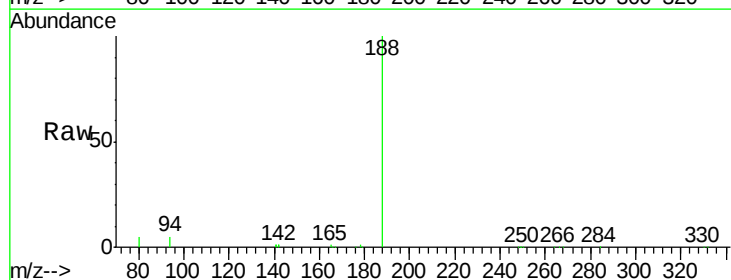
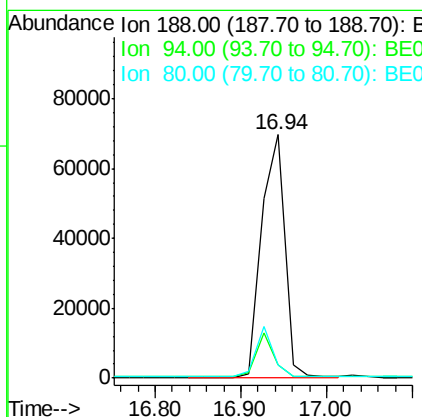
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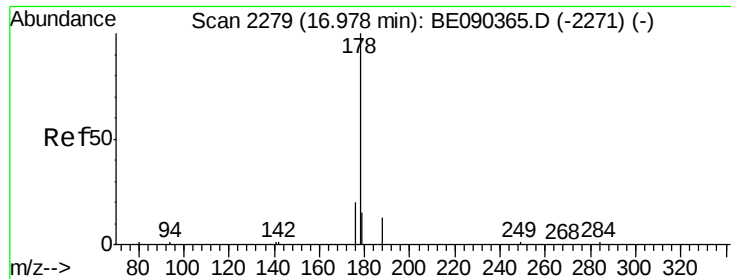
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#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	5.4	5.8	8.8#





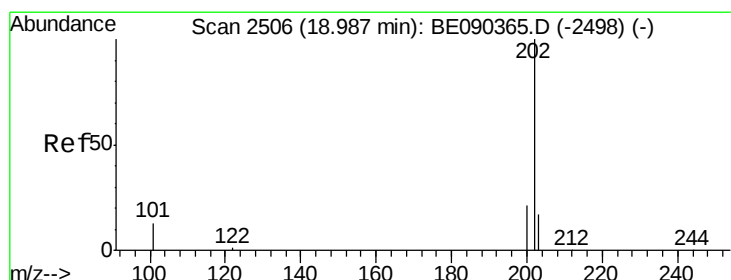
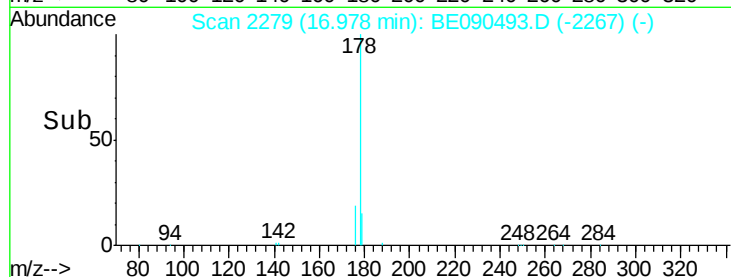
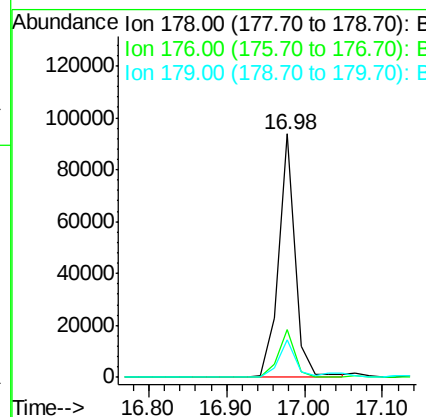
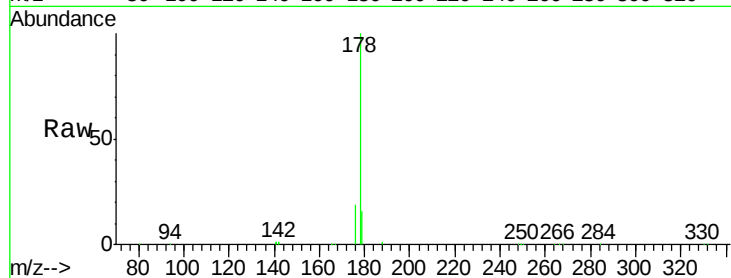
#22
Phenanthrene
Concen: 4.12 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Instrument :
BNA_E
ClientSampleId :
CSB-05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.5	18.7

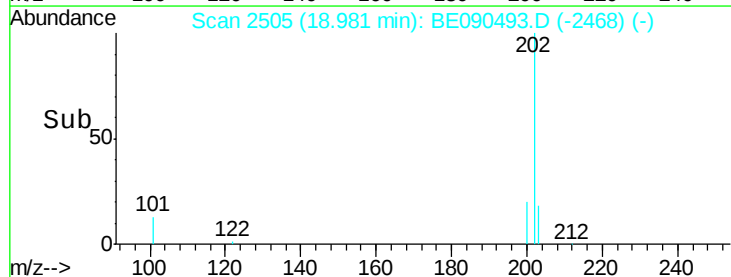
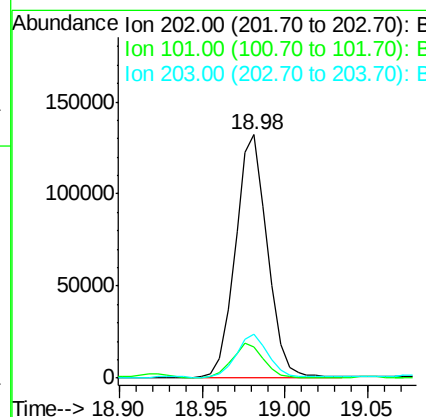
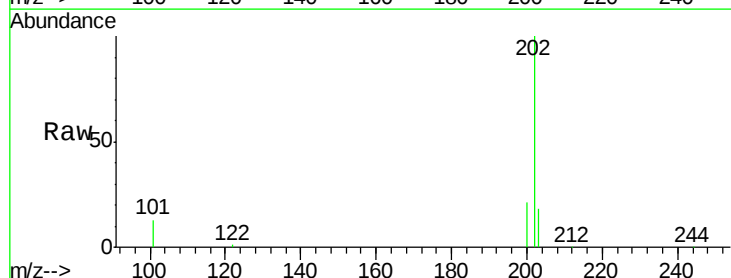
Manual Integrations
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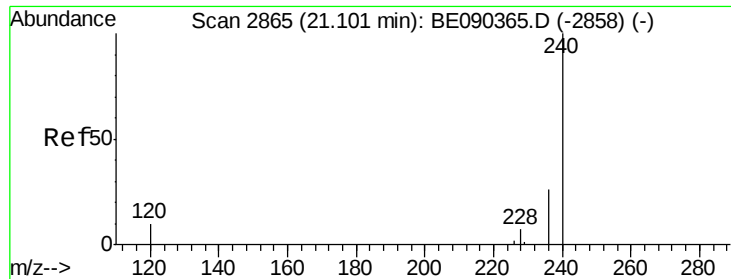
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#24
Fluoranthene
Concen: 5.43 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
203	17.2	13.7	20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090493.D

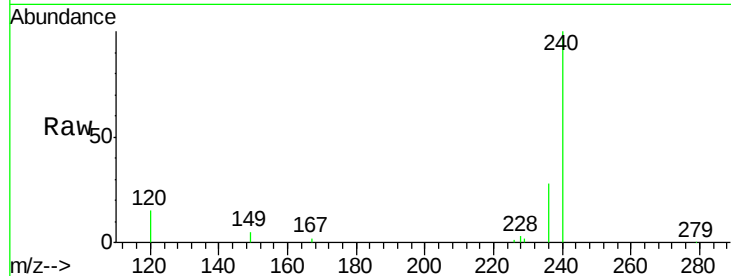
Acq: 13 Aug 2015 6:48

Instrument :

BNA_E

ClientSampleId :

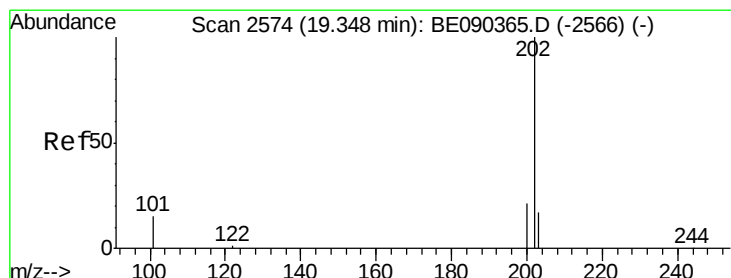
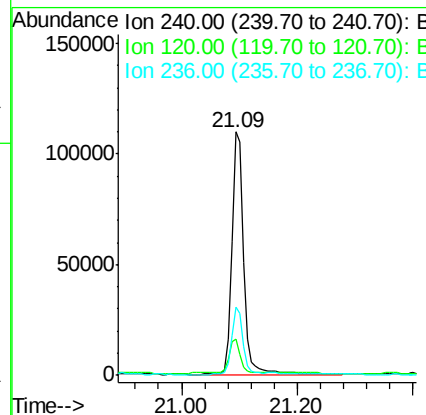
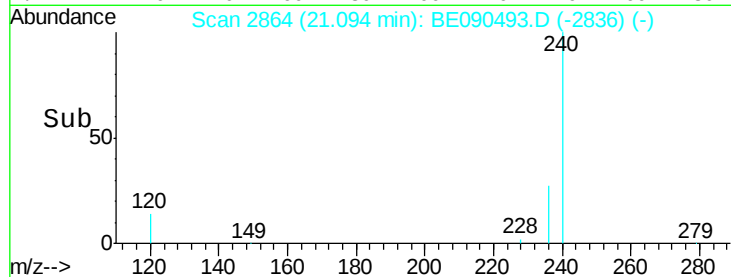
CSB-05



Tgt Ion:	240	Resp:	158676
Ion Ratio	Lower	Upper	
240	100		
120	15.0	8.3	12.5#
236	27.8	21.0	31.4

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#26

Pyrene

Concen: 2.77 ng

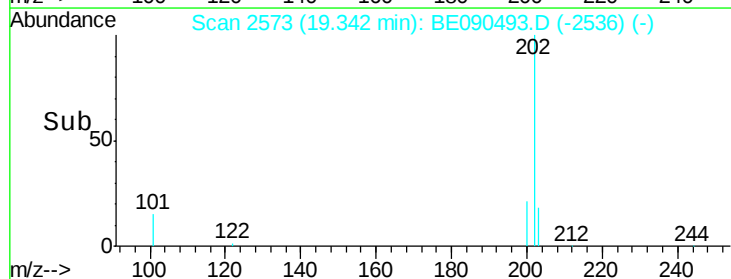
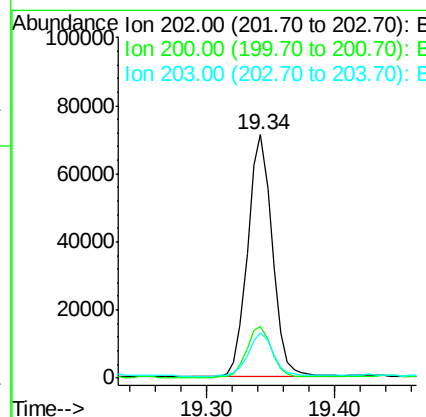
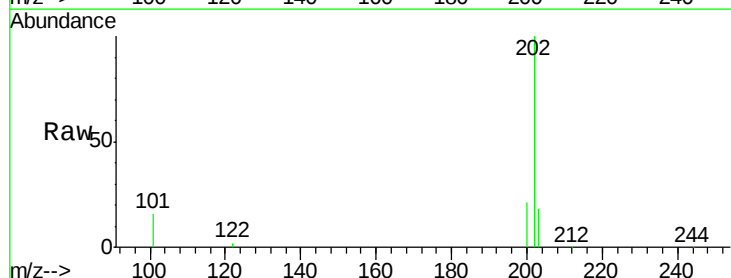
RT: 19.34 min Scan# 2573

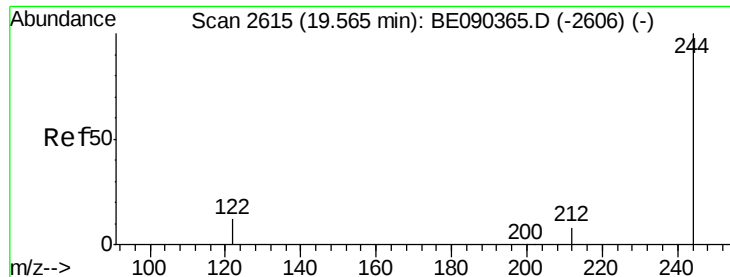
Delta R.T. -0.01 min

Lab File: BE090493.D

Acq: 13 Aug 2015 6:48

Tgt Ion:	202	Resp:	95246
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.7	25.1
203	18.7	13.8	20.8





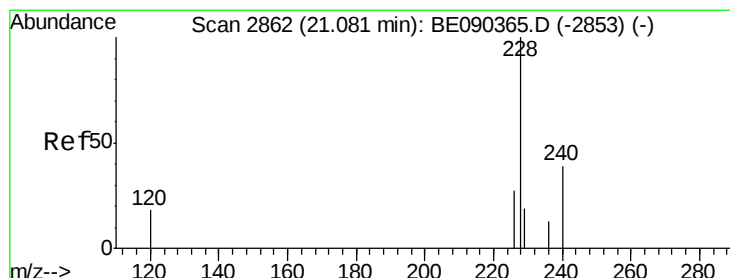
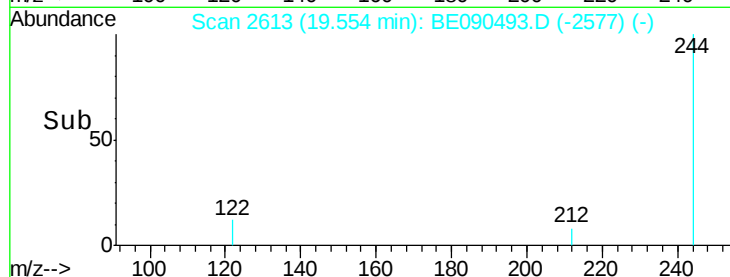
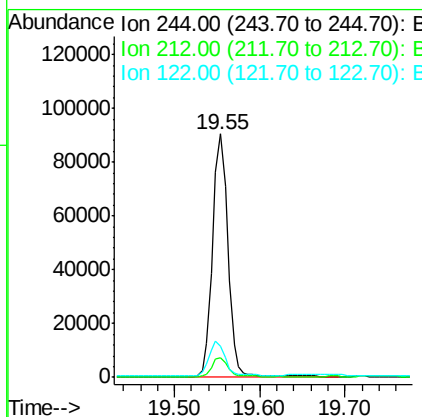
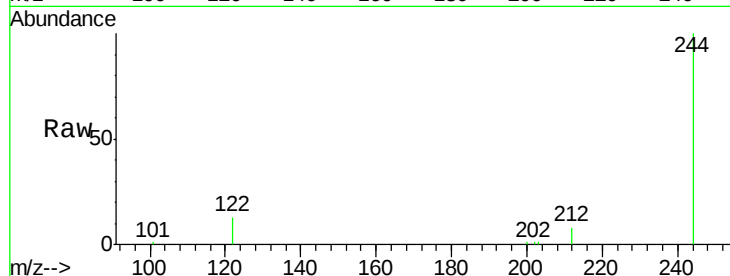
#27
 Terphenyl-d14
 Concen: 4.74 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090493.D
 Acq: 13 Aug 2015 6:48

Instrument :
 BNA_E
 ClientSampleId :
 CSB-05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	110763		
212	8.1	6.6	9.8	
122	13.0	10.2	15.4	

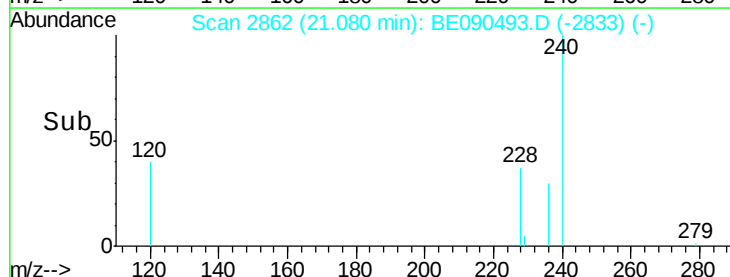
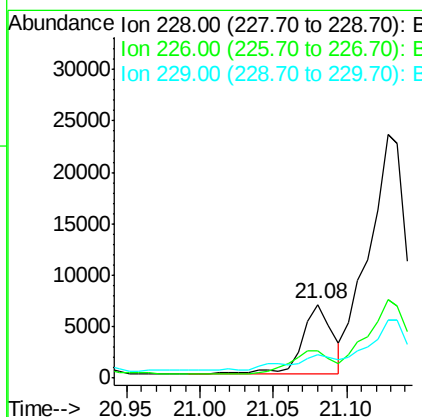
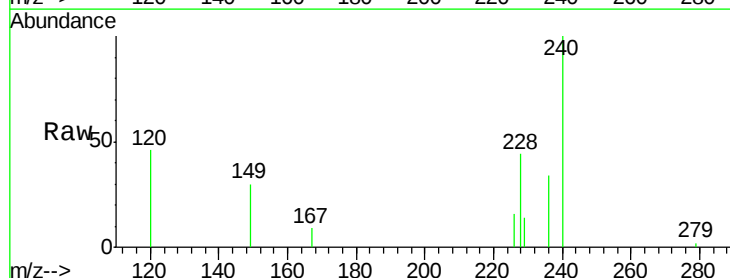
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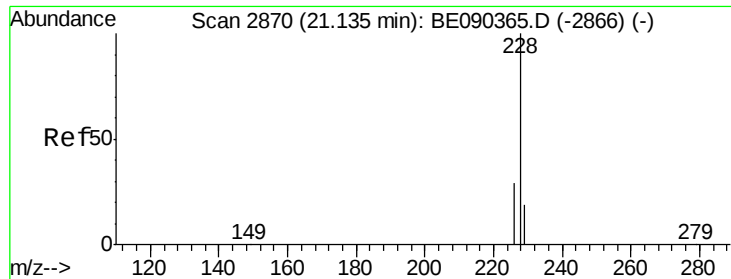
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#28
 Benzo(a)anthracene
 Concen: 0.28 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090493.D
 Acq: 13 Aug 2015 6:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	9786		
226	36.8	21.9	32.9#	
229	32.5	15.4	23.0#	





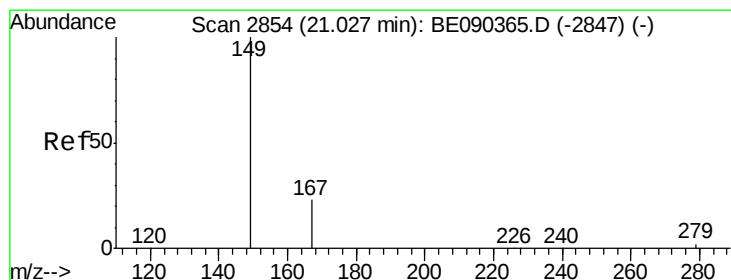
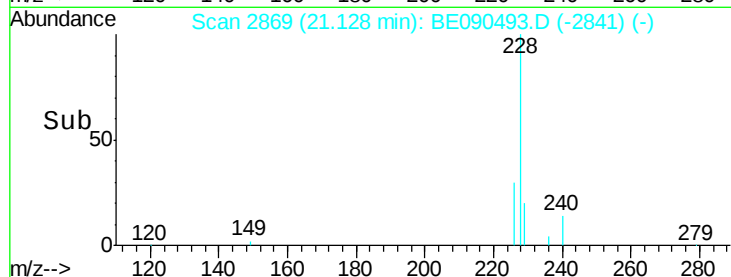
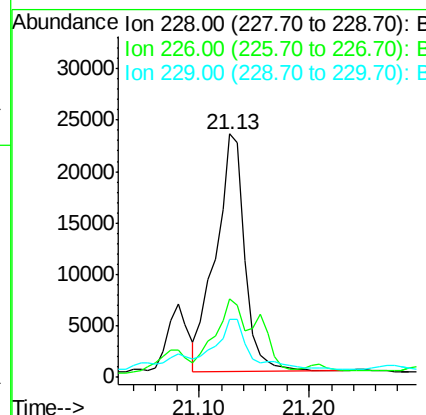
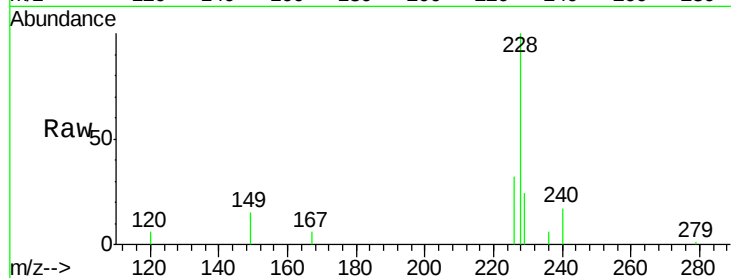
#29
Chrysene
Concen: 1.01 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Instrument :
BNA_E
ClientSampleId :
CSB-05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.1	34.7
229	23.6	15.8	23.8

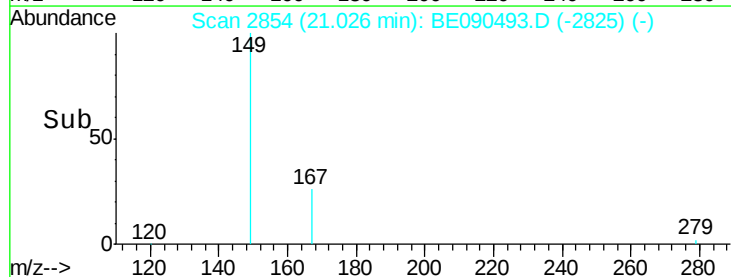
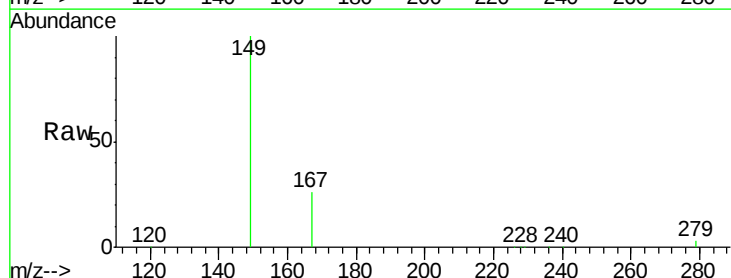
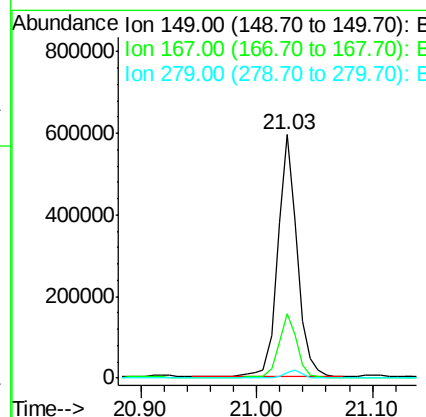
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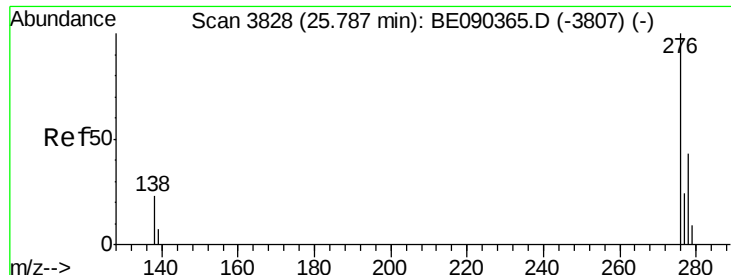
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#30
Bis(2-ethylhexyl)phthalate
Concen: 22.92 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.8	29.8
279	3.1	2.4	3.6





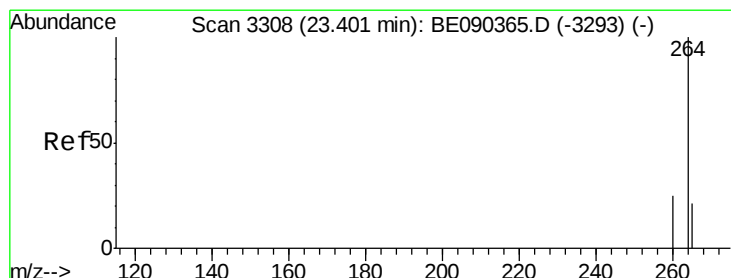
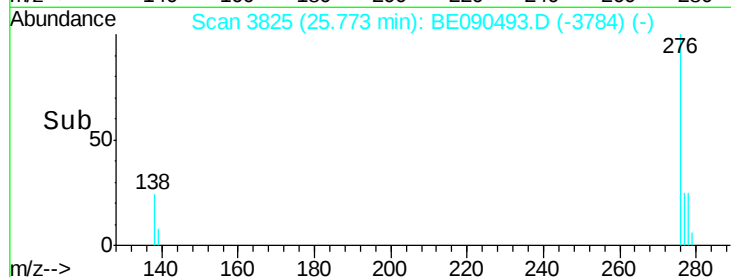
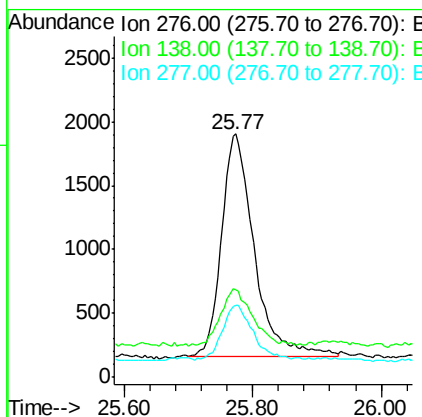
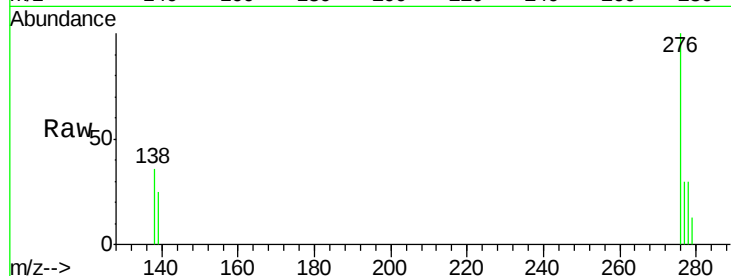
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 25.77 min Scan# 3825
Delta R.T. -0.01 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Instrument :
BNA_E
ClientSampleId :
CSB-05

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.3	18.8	28.2
277	23.3	18.2	27.4

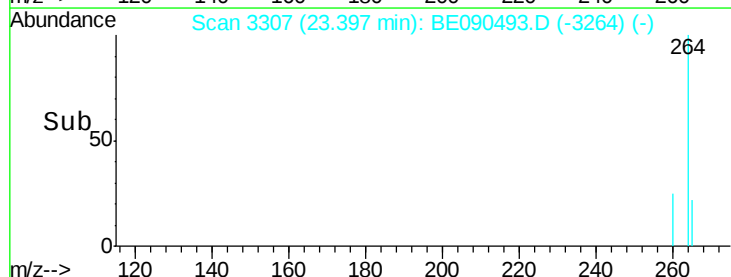
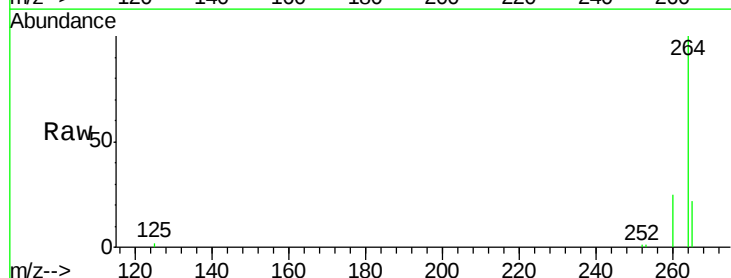
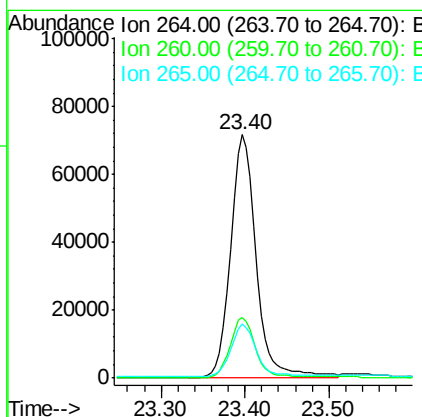
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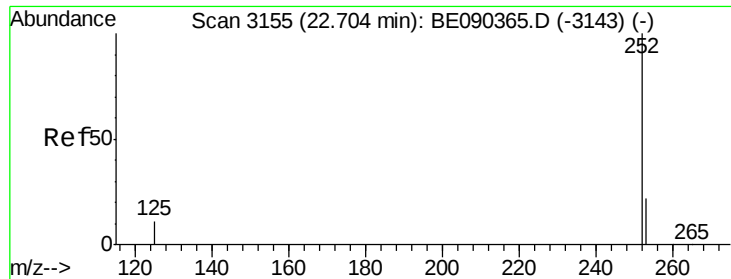
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#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.1	20.1	30.1
265	22.2	17.2	25.8





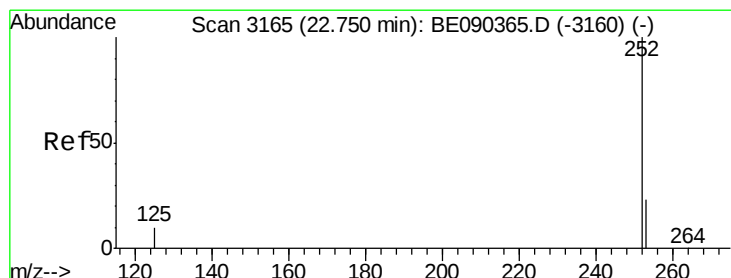
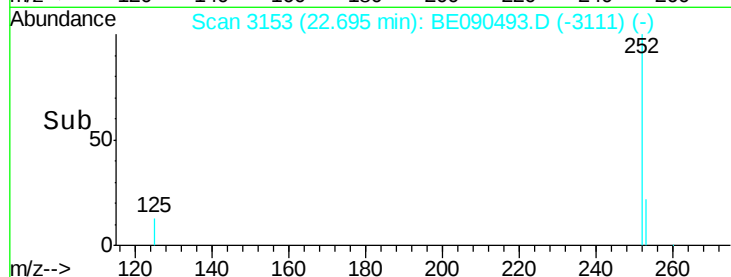
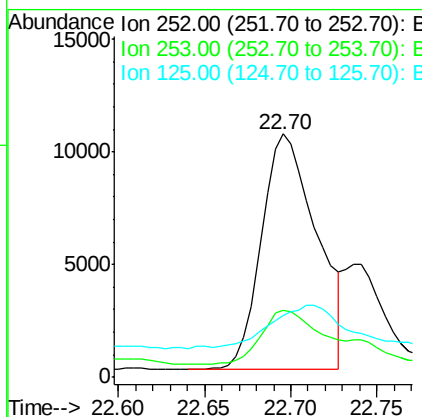
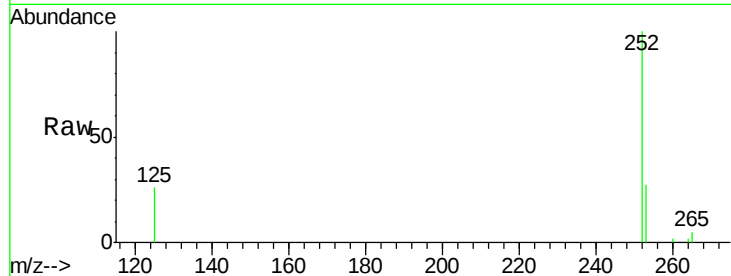
#33
Benzo(b)fluoranthene
Concen: 0.85 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

Instrument :
BNA_E
ClientSampleId :
CSB-05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	23275		
253	27.3	18.1	27.1#	
125	25.6	9.4	14.2#	

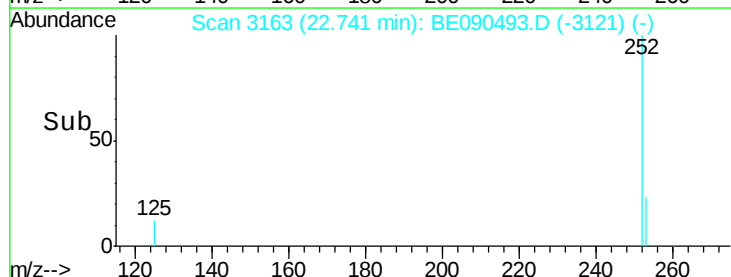
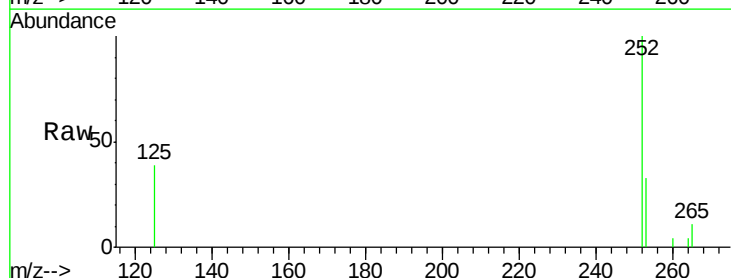
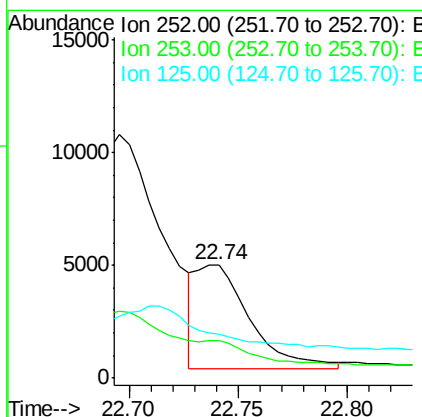
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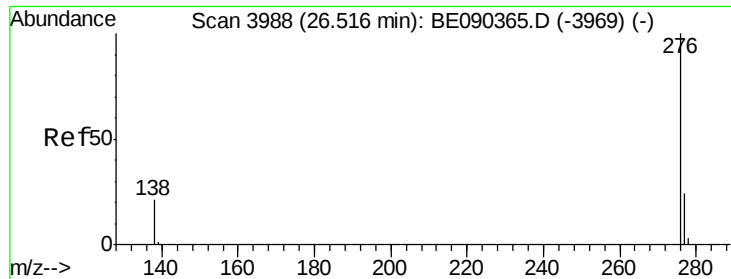
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#34
Benzo(k)fluoranthene
Concen: 0.19 ng m
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090493.D
Acq: 13 Aug 2015 6:48

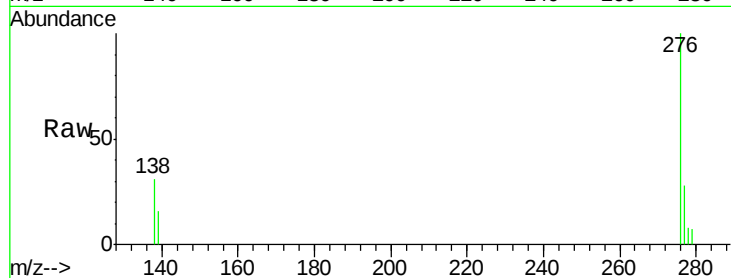
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	7921		
253	33.3	18.1	27.1#	
125	38.6	9.1	13.7#	





#37
 Benzo(g,h,i)perylene
 Concen: 0.25 ng
 RT: 26.51 min Scan# 3986
 Delta R.T. -0.01 min
 Lab File: BE090493.D
 Acq: 13 Aug 2015 6:48

Instrument :
 BNA_E
 ClientSampleId :
 CSB-05



Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	20.1	30.1
138	31.5	18.1	27.1

Manual Integrations
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