

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090207.D
 Acq On : 21 Jul 2015 19:46
 Operator : TP/IZ
 Sample : SSTD1.622
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD1.622

Manual Integrations
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Quant Time: Jul 22 03:47:26 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 03:03:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	928	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4504	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2587	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6727	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	7065	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4926	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	11623	1.63	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	32926	1.63	ng/ul	0.00

Target Compounds						Qvalue
3) Naphthalene	10.41	128	18989	1.60	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	13010	1.62	ng/ul	99
7) Acenaphthylene	13.93	152	86987	1.59	ng/ul	99
8) Acenaphthene	14.27	153	61715	1.57	ng/ul	96
9) Fluorene	15.26	166	18550	1.60	ng/ul	99
11) Pentachlorophenol	16.60	266	724	1.13	ng/ul#	91
12) Phenanthrene	16.98	178	124550	1.60	ng/ul	98
13) Anthracene	17.07	178	123312	1.64	ng/ul	98
15) Fluoranthene	19.00	202	148569	1.63	ng/ul	98
17) Pyrene	19.36	202	151448	1.61	ng/ul	99
18) Benzo(a)anthracene	21.10	228	21353	1.27	ng/ul	95
19) Chrysene	21.15	228	41159	1.77	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	12113	0.99	ng/ul	87
22) Benzo(k)fluoranthene	22.77	252	39931m	2.19	ng/ul	
23) Benzo(a)pyrene	23.33	252	22620	1.73	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.83	276	63350	1.07	ng/ul	93
25) Dibenzo(a,h)anthracene	25.84	278	11228	0.99	ng/ul#	81
26) Benzo(g,h,i)perylene	26.56	276	83511	1.53	ng/ul#	88

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

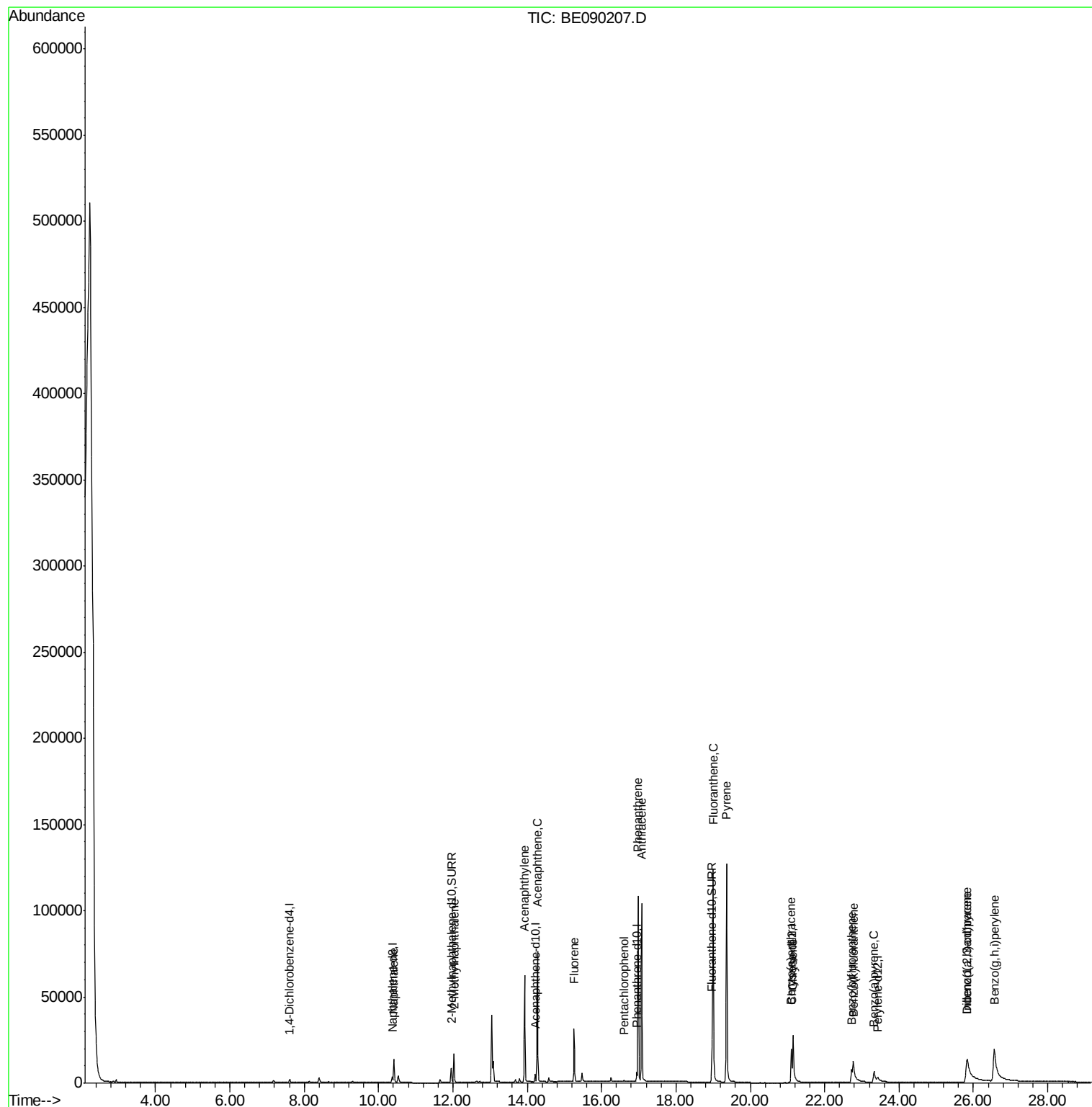
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
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ALS Vial : 6 Sample Multiplier: 1

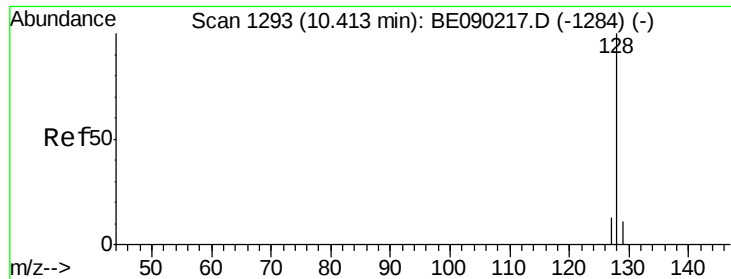
Instrument :
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#3

Naphthalene

Concen: 1.60 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BE090207.D

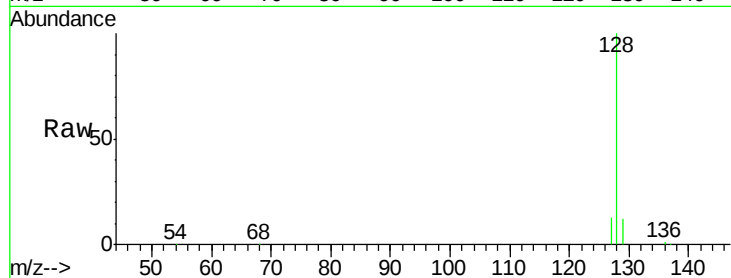
Acq: 21 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

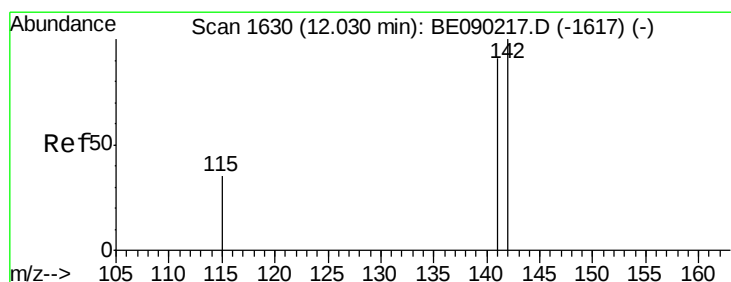
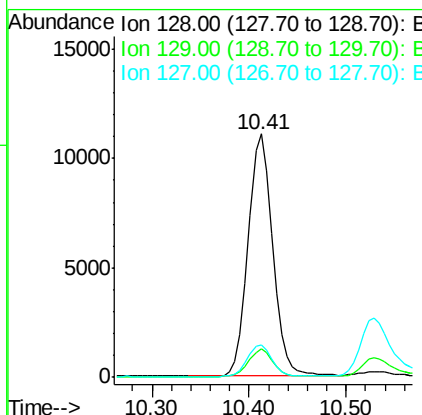
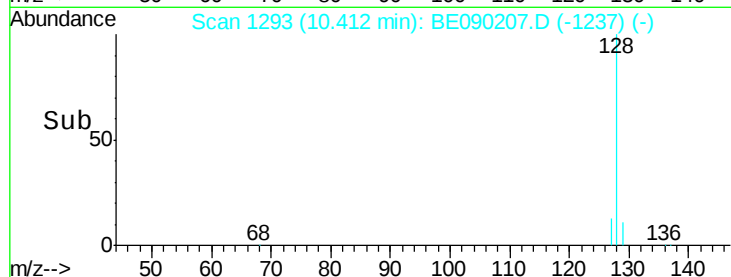
SSTD1.622



Tgt Ion:	128	Resp:	18989
Ion Ratio	Lower	Upper	
128	100		
129	11.5	10.2	15.2
127	13.3	11.8	17.6

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#5

2-Methylnaphthalene

Concen: 1.62 ng/ul

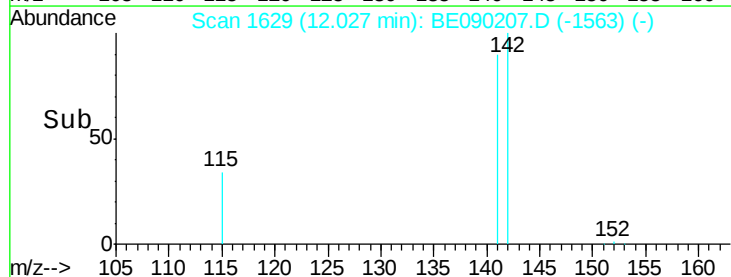
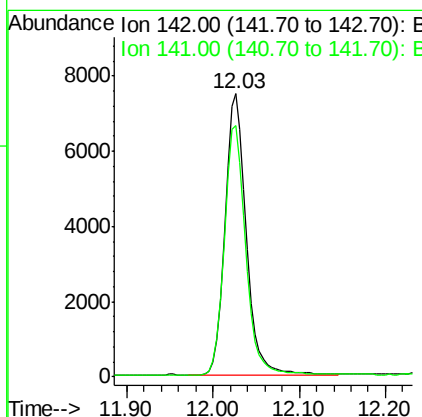
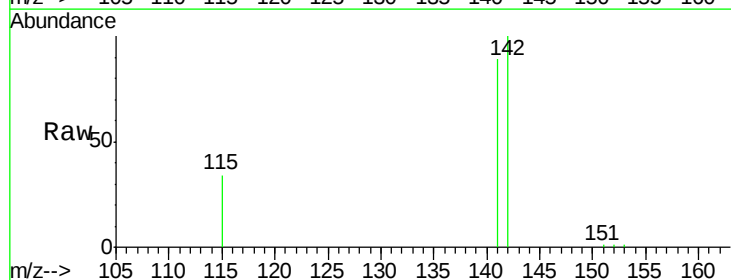
RT: 12.03 min Scan# 1629

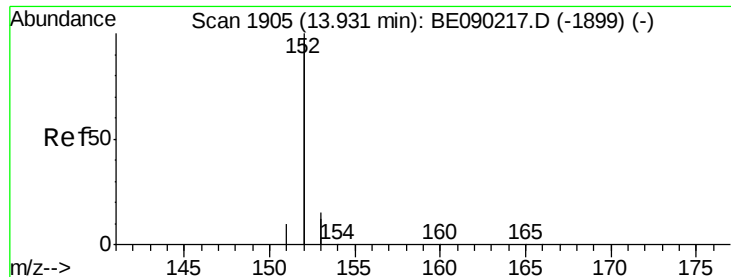
Delta R.T. 0.00 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Tgt Ion:	142	Resp:	13010
Ion Ratio	Lower	Upper	
142	100		
141	90.4	73.0	109.6





#7

Acenaphthylene

Concen: 1.59 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Instrument :

BNA_E

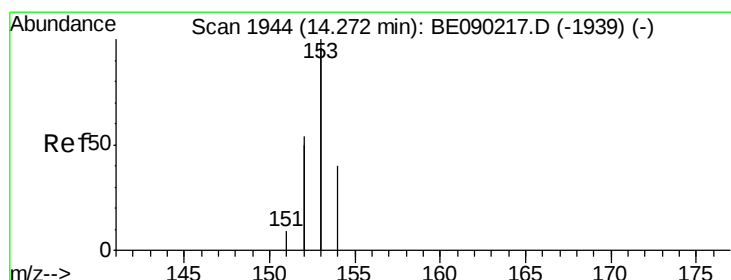
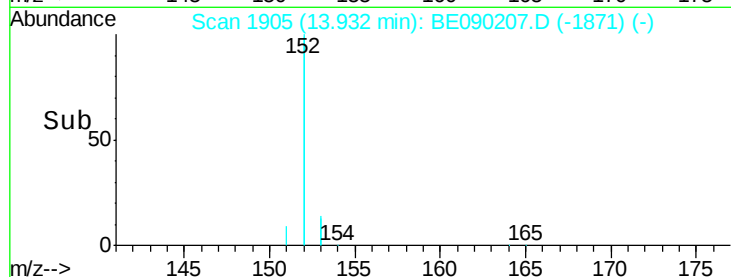
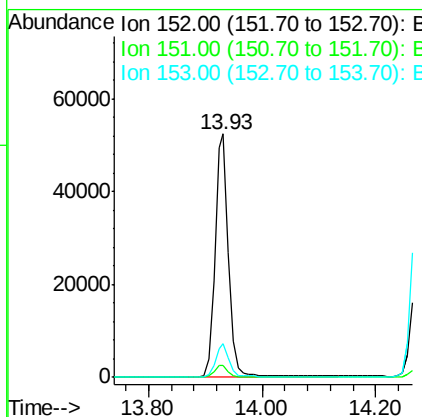
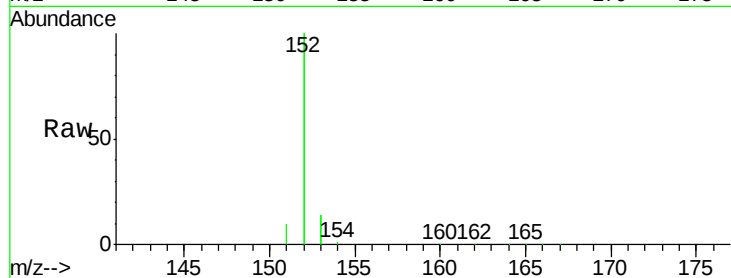
ClientSampleId :

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Tgt Ion:	152	Resp:	86987
Ion Ratio	Lower	Upper	
152	100		
151	4.8	4.2	6.4
153	13.9	11.5	17.3

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#8

Acenaphthene

Concen: 1.57 ng/ul

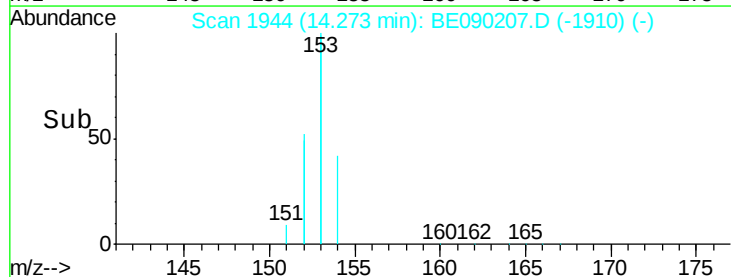
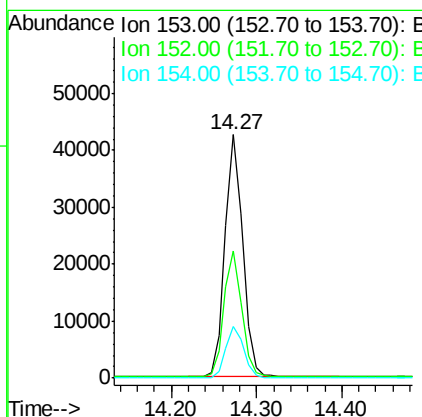
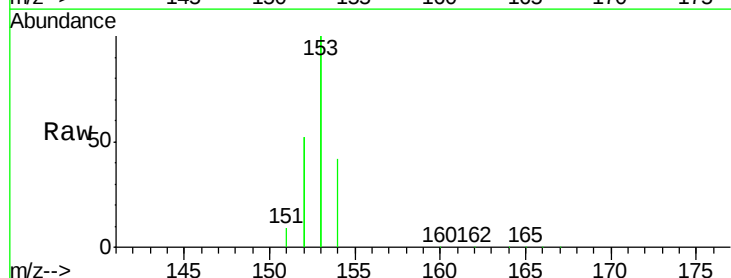
RT: 14.27 min Scan# 1944

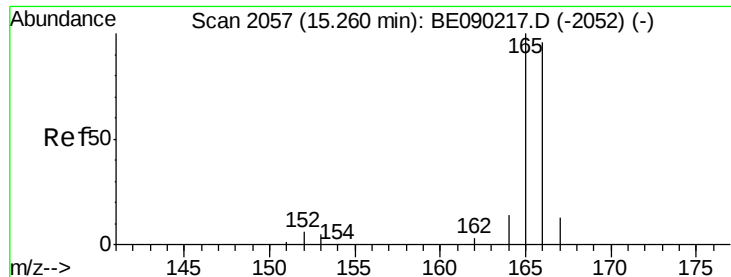
Delta R.T. 0.00 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Tgt Ion:	153	Resp:	61715
Ion Ratio	Lower	Upper	
153	100		
152	52.0	45.0	67.4
154	21.1	16.8	25.2





#9

Fluorene

Concen: 1.60 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Instrument :

BNA_E

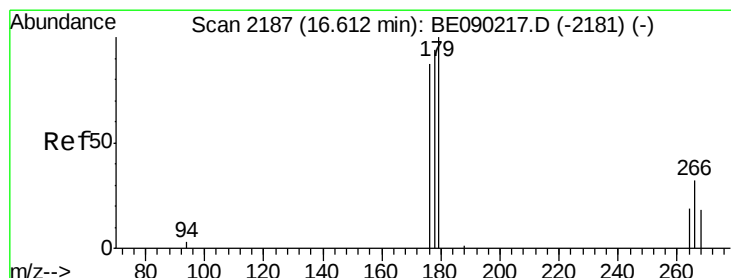
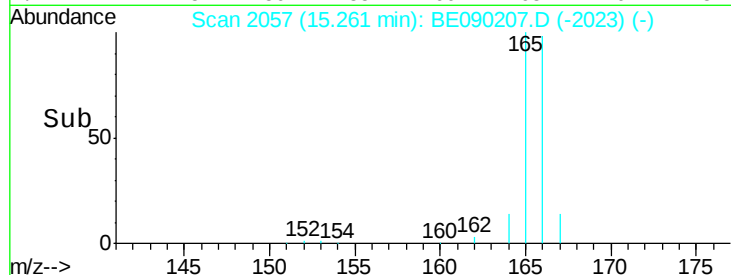
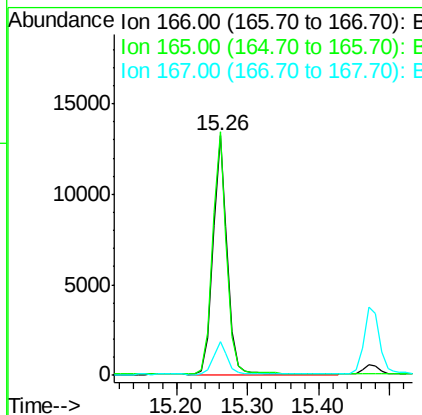
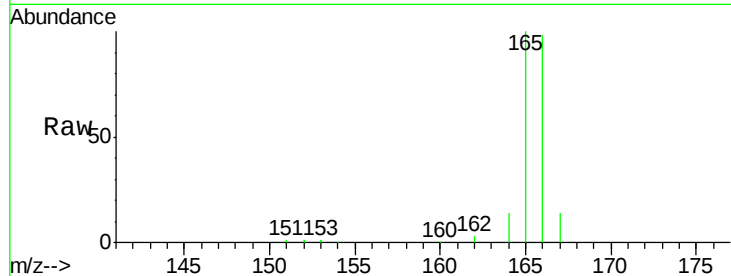
ClientSampleId :

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Tgt Ion:	166	Resp:	18550
Ion Ratio	Lower	Upper	
166	100		
165	101.6	81.9	122.9
167	14.2	12.2	18.2

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#11

Pentachlorophenol

Concen: 1.13 ng/ul

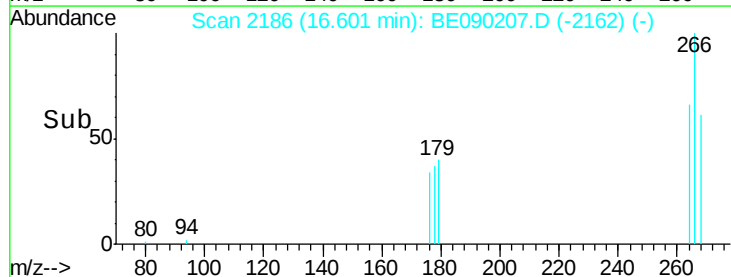
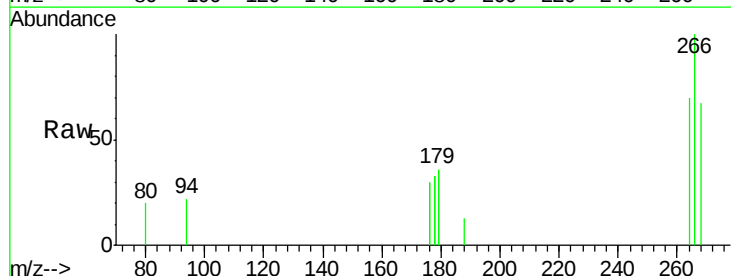
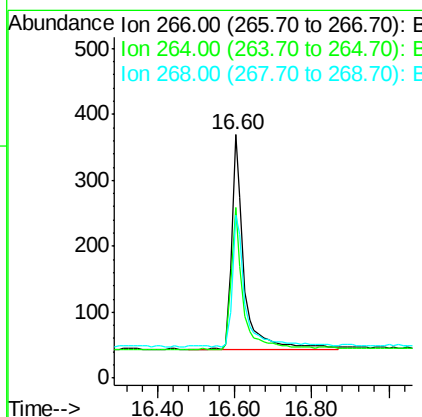
RT: 16.60 min Scan# 2186

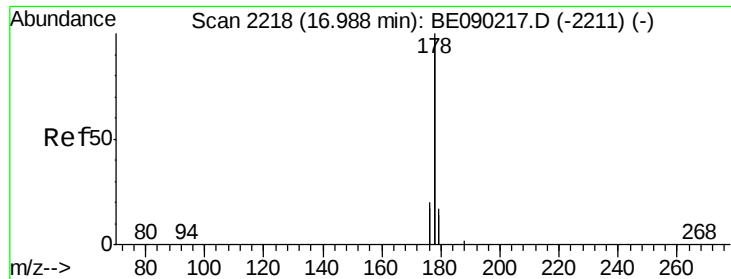
Delta R.T. -0.01 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Tgt Ion:	266	Resp:	724
Ion Ratio	Lower	Upper	
266	100		
264	62.4	51.6	77.4
268	63.0	41.3	61.9#





#12

Phenanthrene

Concen: 1.60 ng/ul

RT: 16.98 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE090207.D

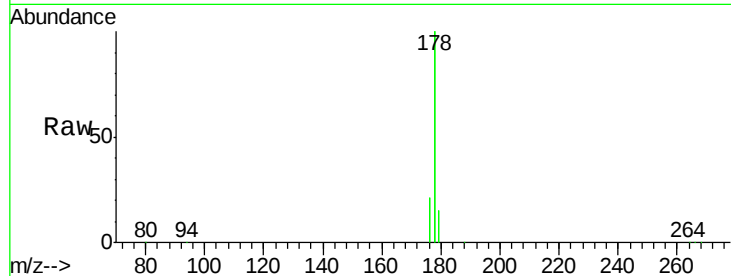
Acq: 21 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

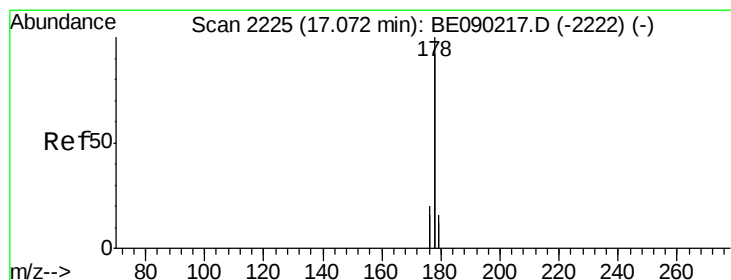
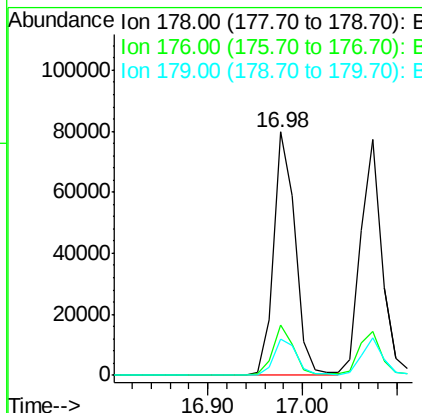
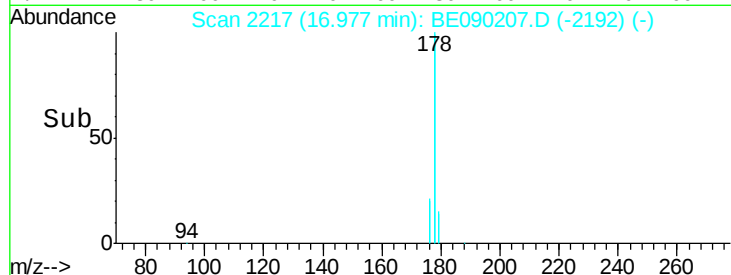
SSTD1.622



Tgt Ion:	178	Resp:	124550
Ion Ratio	Lower	Upper	
178	100		
176	20.8	17.6	26.4
179	14.7	12.2	18.4

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#13

Anthracene

Concen: 1.64 ng/ul

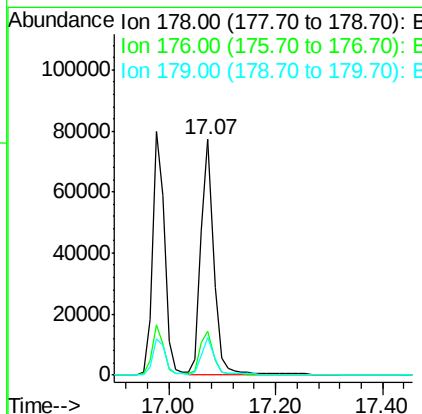
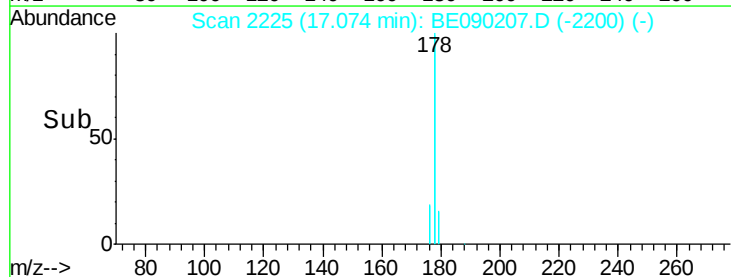
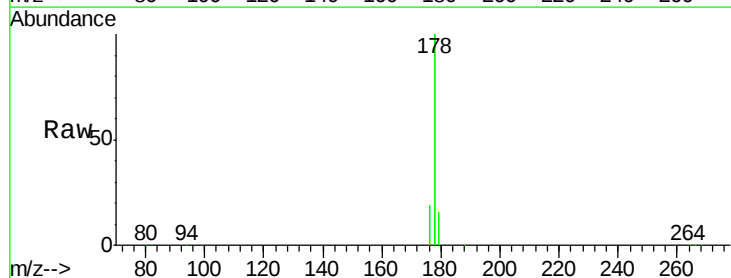
RT: 17.07 min Scan# 2225

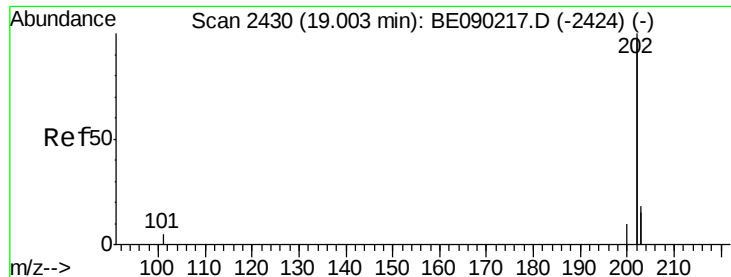
Delta R.T. -0.00 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Tgt Ion:	178	Resp:	123312
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.9	23.9
179	15.9	13.3	19.9





#15

Fluoranthene

Concen: 1.63 ng/ul

RT: 19.00 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Instrument :

BNA_E

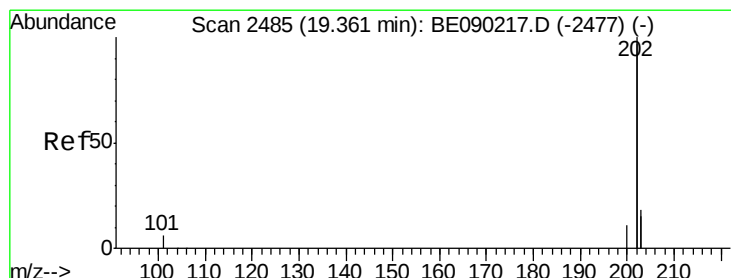
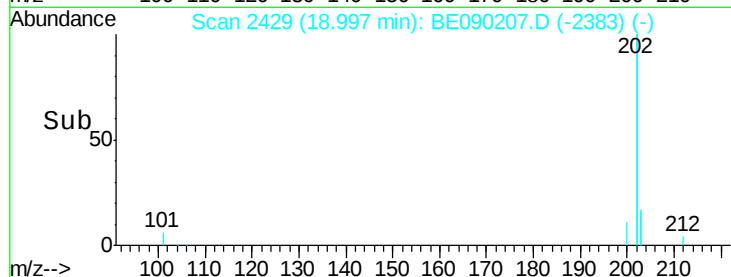
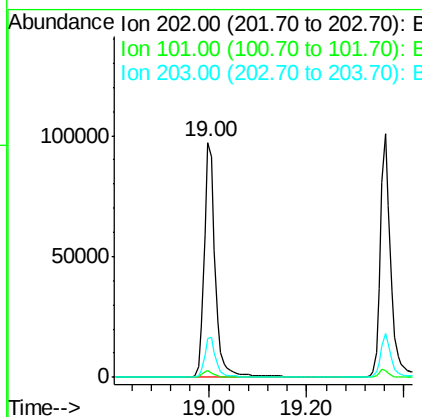
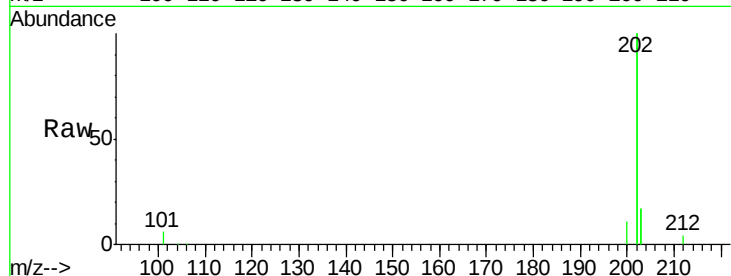
ClientSampleId :

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Tgt Ion:	202	Resp:	148569
Ion Ratio	Lower	Upper	
202	100		
101	2.9	0.0	23.0
203	16.7	0.0	37.8

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#17

Pyrene

Concen: 1.61 ng/ul

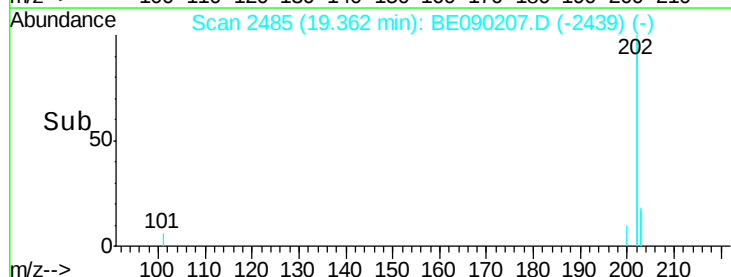
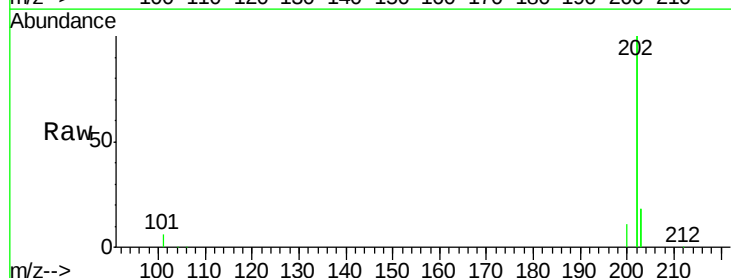
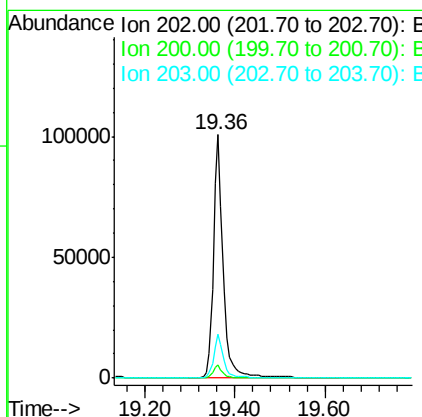
RT: 19.36 min Scan# 2485

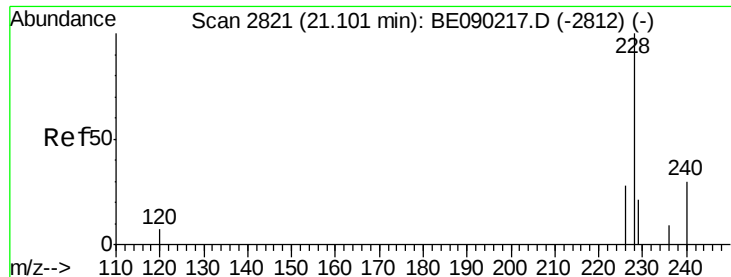
Delta R.T. -0.00 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

Tgt Ion:	202	Resp:	151448
Ion Ratio	Lower	Upper	
202	100		
200	5.3	4.4	6.6
203	18.0	14.6	22.0





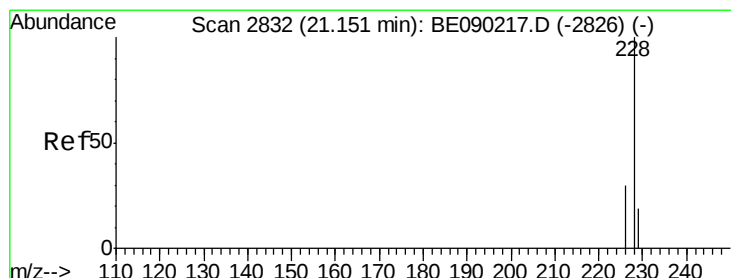
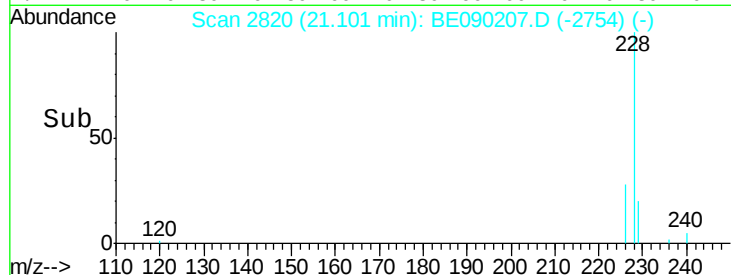
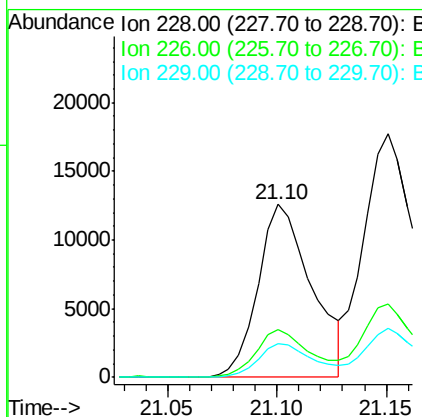
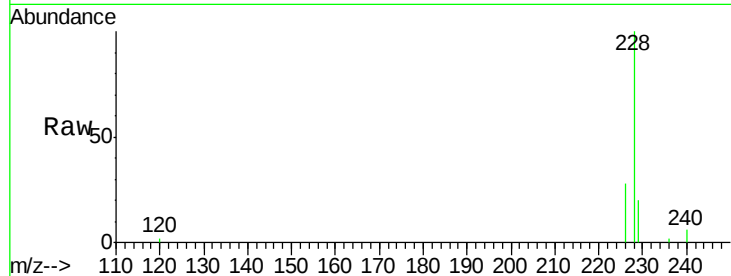
#18
Benzo(a)anthracene
Concen: 1.27 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090207.D
Acq: 21 Jul 2015 19:46

Instrument :
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ClientSampleId :
SSTD1.622

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.1	36.1
229	19.8	17.9	26.9

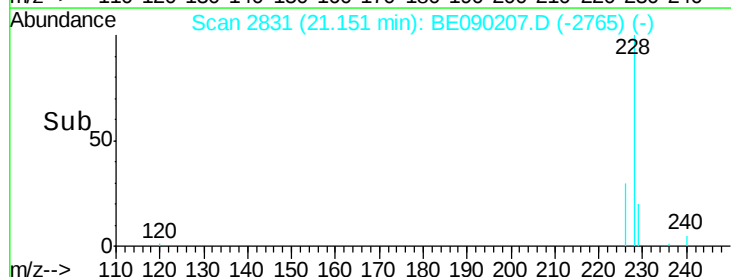
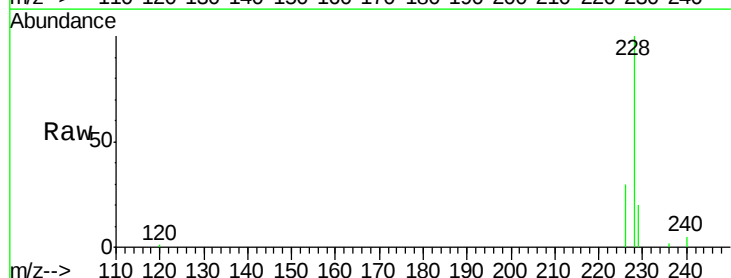
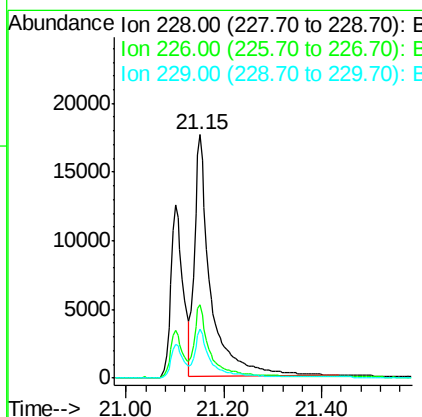
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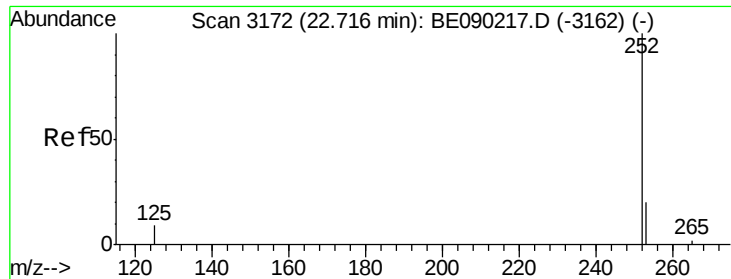
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#19
Chrysene
Concen: 1.77 ng/ul
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090207.D
Acq: 21 Jul 2015 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.9	17.4	26.2





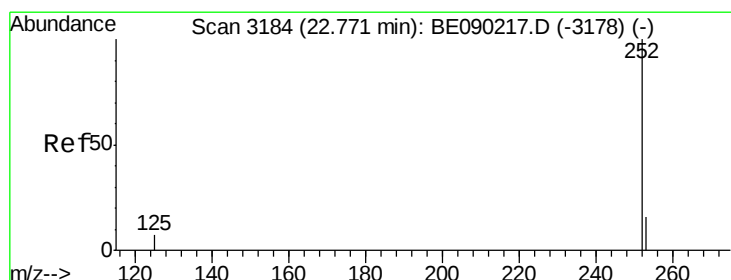
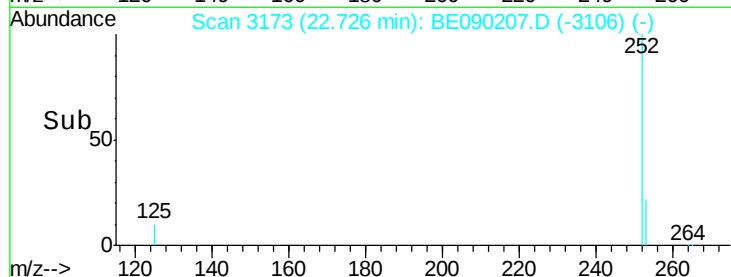
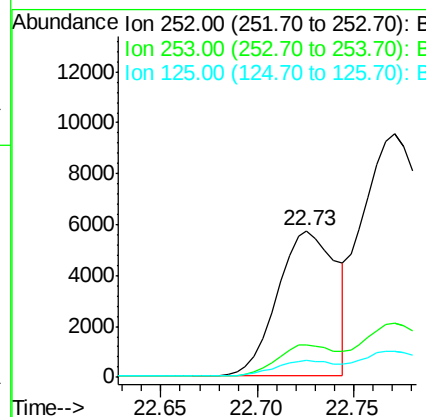
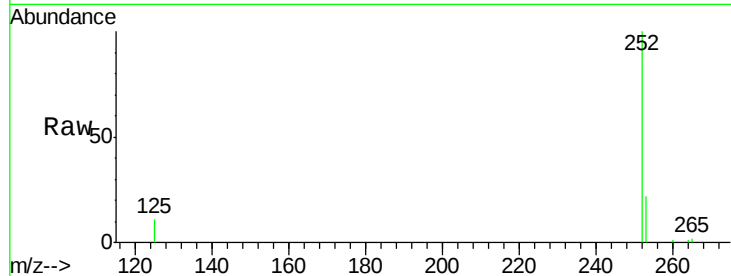
#21
Benzo(b)fluoranthene
Concen: 0.99 ng/ul
RT: 22.73 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE090207.D
Acq: 21 Jul 2015 19:46

Instrument :
BNA_E
ClientSampleId :
SSTD1.622

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	56.8
125	11.2	0.0	37.0

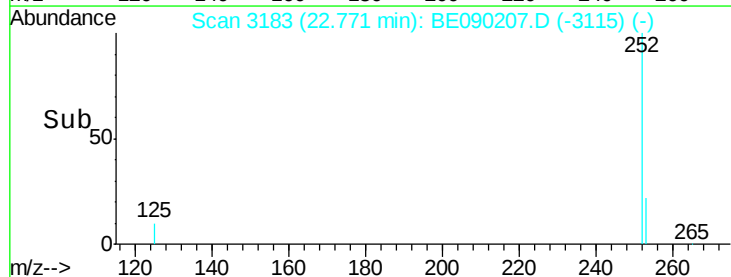
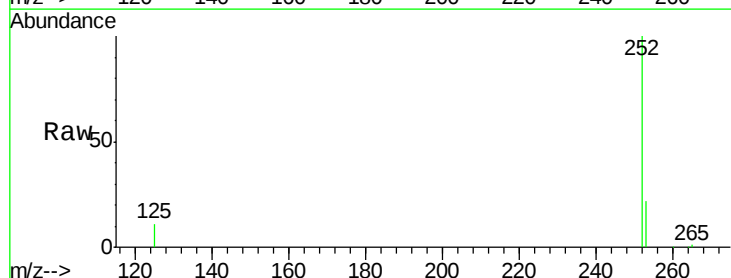
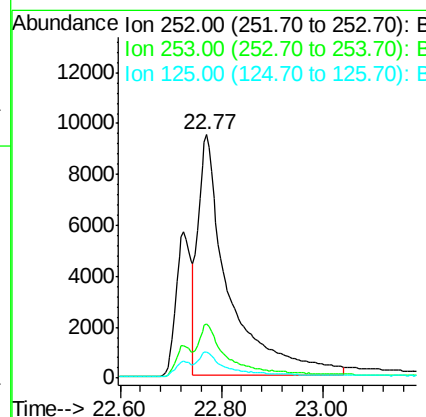
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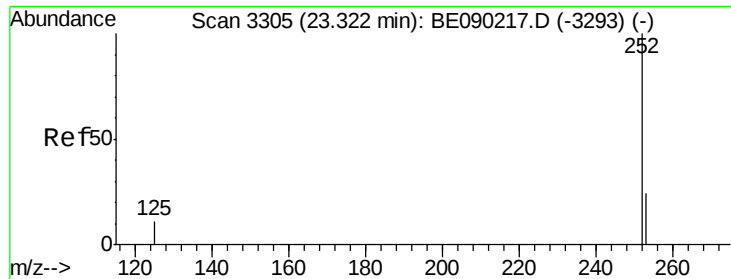
apatel
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#22
Benzo(k)fluoranthene
Concen: 2.19 ng/ul m
RT: 22.77 min Scan# 3183
Delta R.T. 0.01 min
Lab File: BE090207.D
Acq: 21 Jul 2015 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.5	29.3
125	10.8	11.9	17.9#





#23

Benzo(a)pyrene

Concen: 1.73 ng/ul

RT: 23.33 min Scan# 3305

Delta R.T. 0.01 min

Lab File: BE090207.D

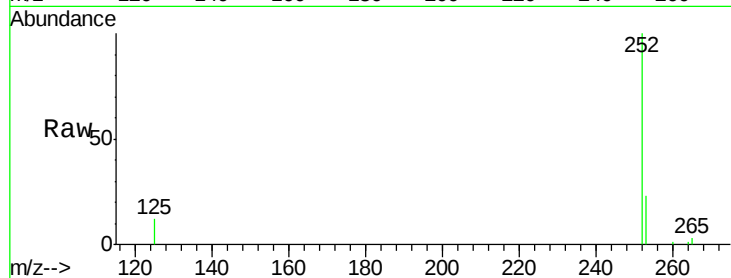
Acq: 21 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTD1.622



Tgt Ion: 252 Resp: 22620

Ion Ratio Lower Upper

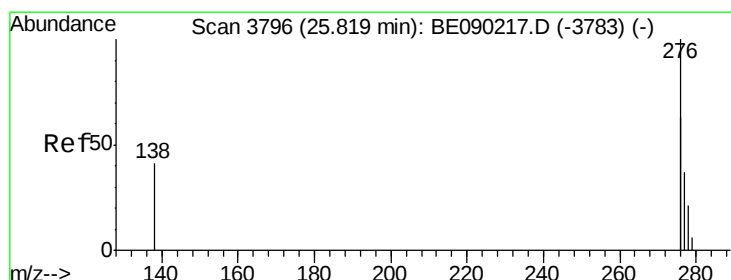
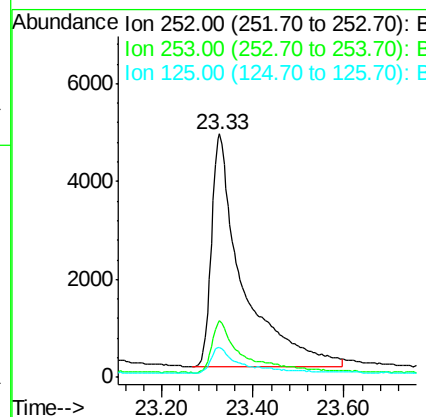
252 100

253 23.4 23.7 35.5#

125 12.2 15.4 23.2#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.07 ng/ul

RT: 25.83 min Scan# 3796

Delta R.T. 0.01 min

Lab File: BE090207.D

Acq: 21 Jul 2015 19:46

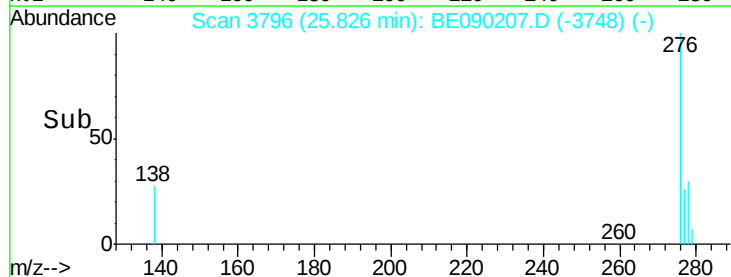
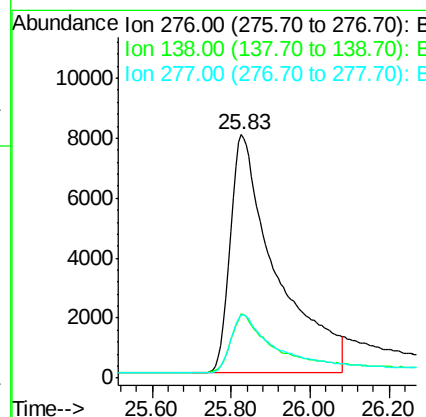
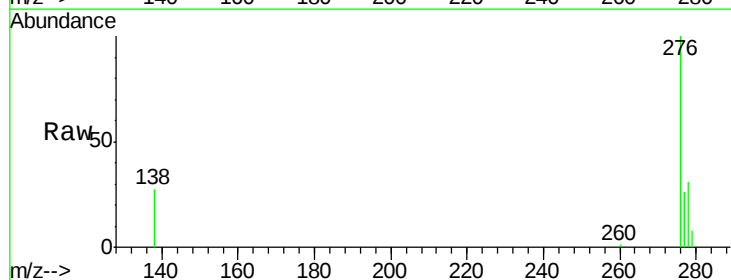
Tgt Ion: 276 Resp: 63350

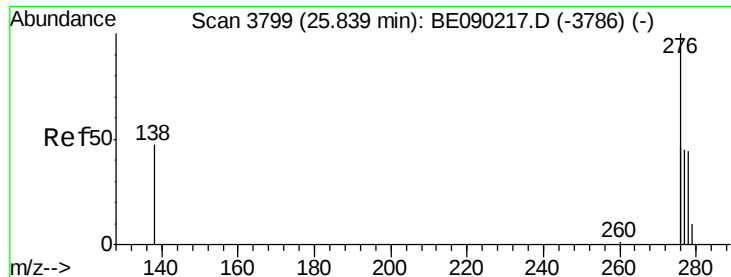
Ion Ratio Lower Upper

276 100

138 24.0 16.9 25.3

277 24.7 17.0 25.4





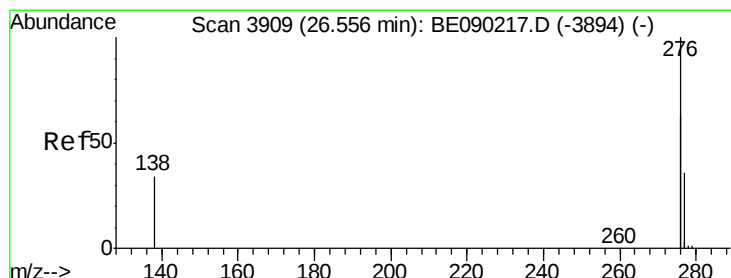
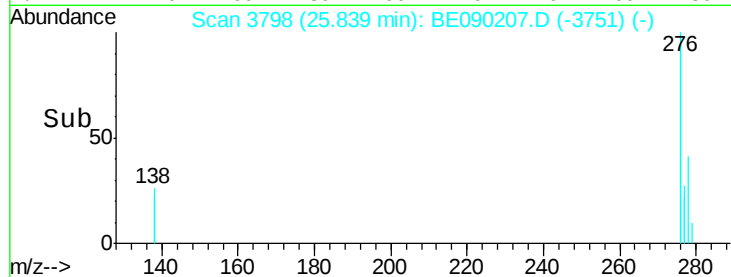
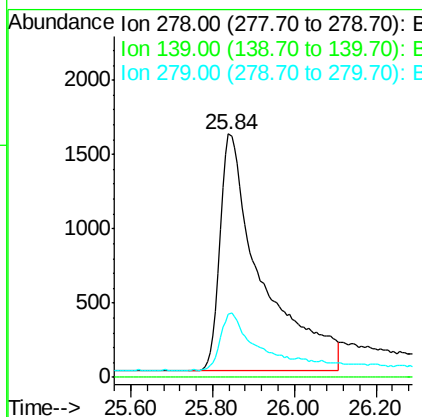
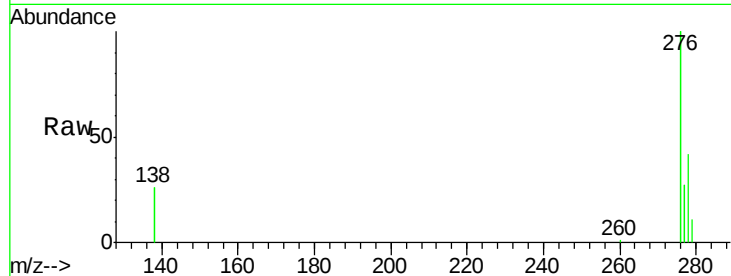
#25
Dibenzo(a,h)anthracene
Concen: 0.99 ng/ul
RT: 25.84 min Scan# 3798
Delta R.T. 0.01 min
Lab File: BE090207.D
Acq: 21 Jul 2015 19:46

Instrument :
BNA_E
ClientSampleId :
SSTD1.622

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	26.2	30.1	45.1#

Manual Integrations
APPROVED

apatel
7/22/2015 3:02:38 PM



#26
Benzo(g,h,i)perylene
Concen: 1.53 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. 0.01 min
Lab File: BE090207.D
Acq: 21 Jul 2015 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	24.6	36.8#
138	22.4	23.5	35.3#

