

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
 Data File : BE090225.D
 Acq On : 22 Jul 2015 8:45
 Operator : TP/IZ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
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Quant Time: Jul 22 09:18:49 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 05:40:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	760	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	3672	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2076	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5401	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	3375	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	1771	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2323	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6039	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	3884	0.40	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	2559	0.39	ng/ul	100
7) Acenaphthylene	13.93	152	17469	0.40	ng/ul	98
8) Acenaphthene	14.27	153	12490	0.39	ng/ul	98
9) Fluorene	15.26	166	3629	0.38	ng/ul	98
11) Pentachlorophenol	16.61	266	106	0.32	ng/ul	92
12) Phenanthrene	16.99	178	23907	0.38	ng/ul	94
13) Anthracene	17.07	178	24125	0.40	ng/ul	99
15) Fluoranthene	19.00	202	27118	0.39	ng/ul	98
17) Pyrene	19.36	202	27626	0.50	ng/ul	100
18) Benzo(a)anthracene	21.10	228	1533	0.29	ng/ul	97
19) Chrysene	21.15	228	6440m	0.47	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	793	0.35	ng/ul	93
22) Benzo(k)fluoranthene	22.76	252	2221m	0.33	ng/ul	
23) Benzo(a)pyrene	23.32	252	1173	0.34	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.81	276	3076	0.30	ng/ul	98
25) Dibenzo(a,h)anthracene	25.83	278	522	0.31	ng/ul	88
26) Benzo(g,h,i)perylene	26.55	276	4422	0.30	ng/ul#	89

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

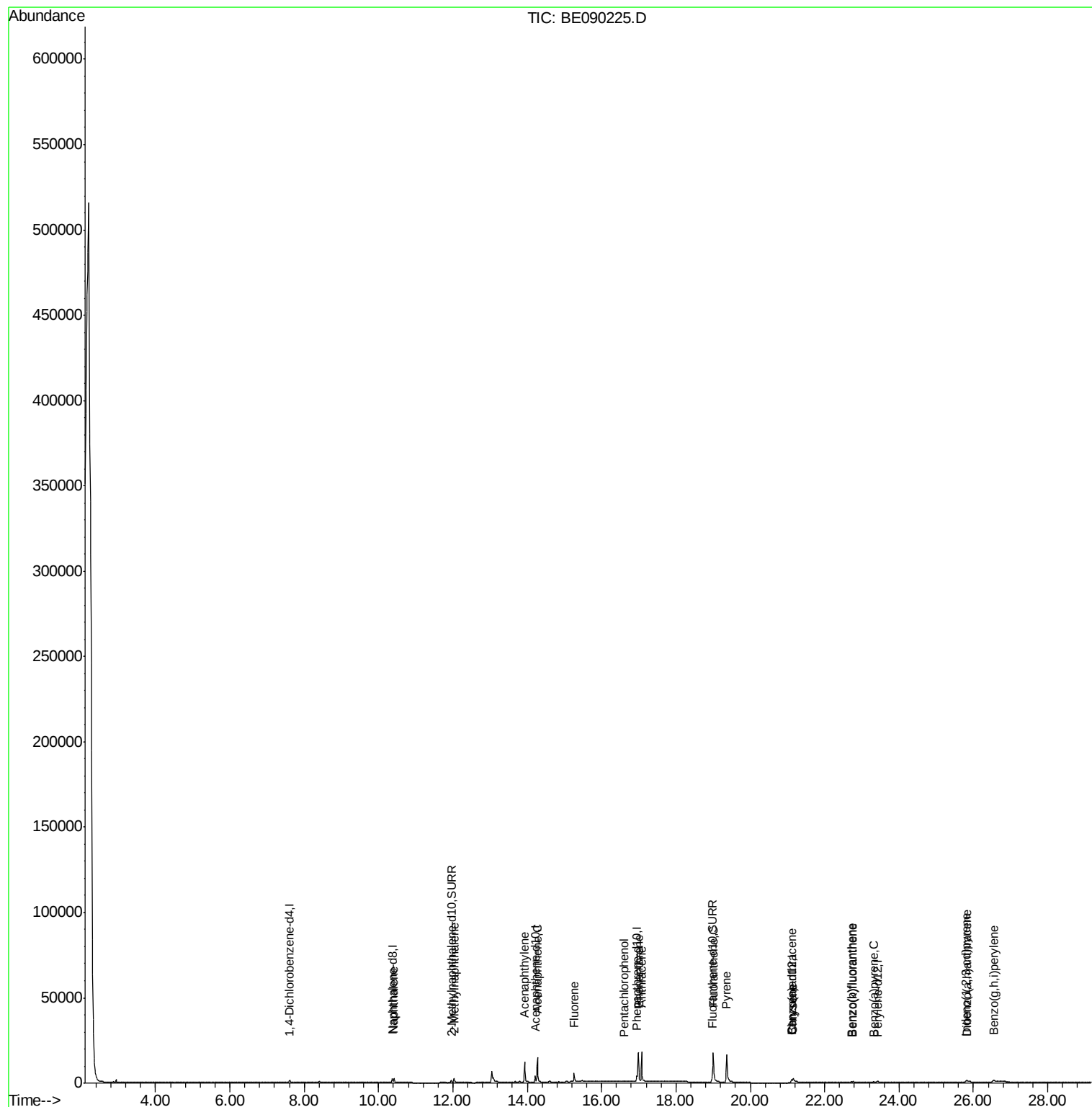
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090225.D
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Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

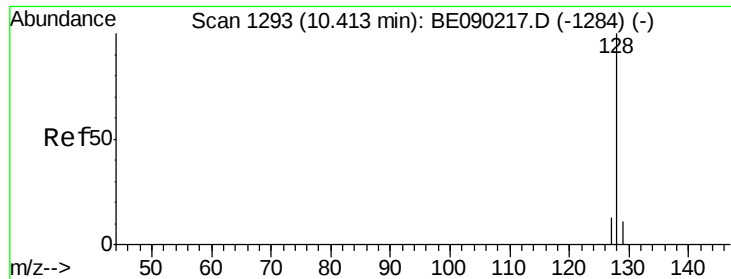
Instrument :
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SSTDCCC0.4EC

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
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#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.41 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BE090225.D

Acq: 22 Jul 2015 8:45

Instrument :

BNA_E

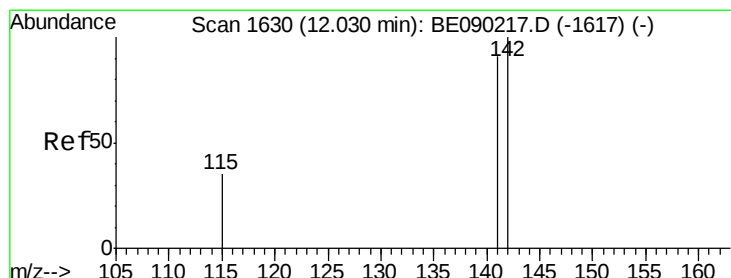
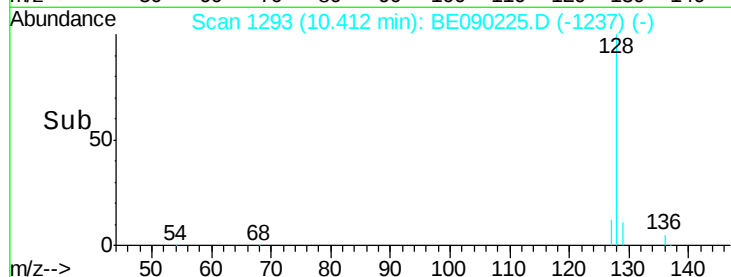
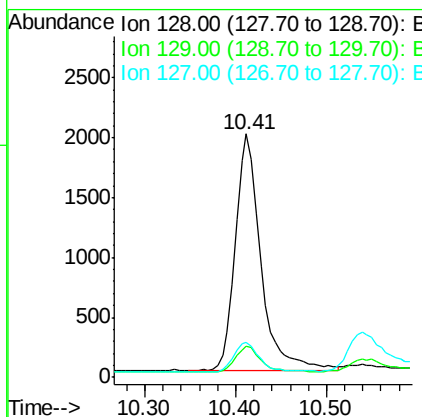
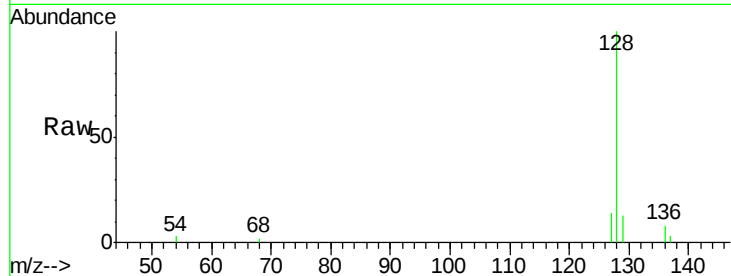
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	128	Resp:	3884
Ion Ratio	Lower	Upper	
128	100		
129	12.7	10.2	15.2
127	14.4	11.8	17.6

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#5

2-Methylnaphthalene

Concen: 0.39 ng/ul

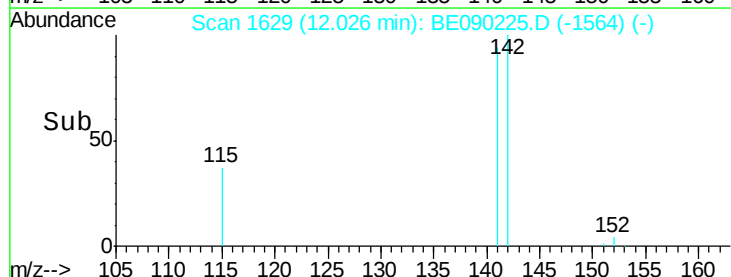
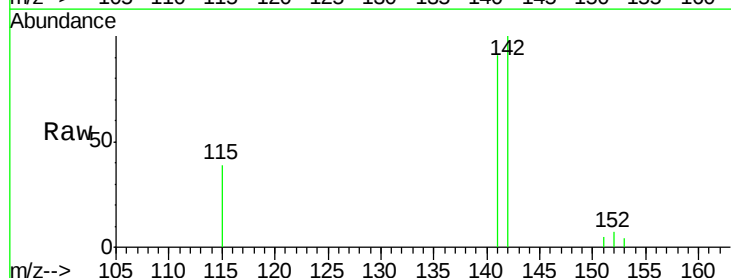
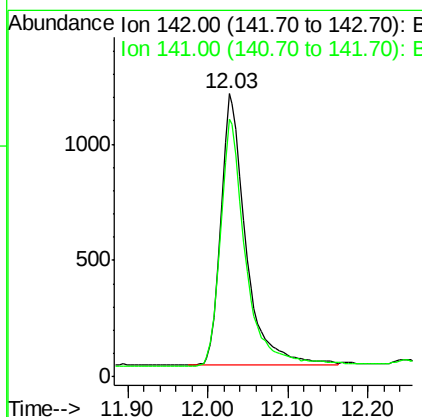
RT: 12.03 min Scan# 1629

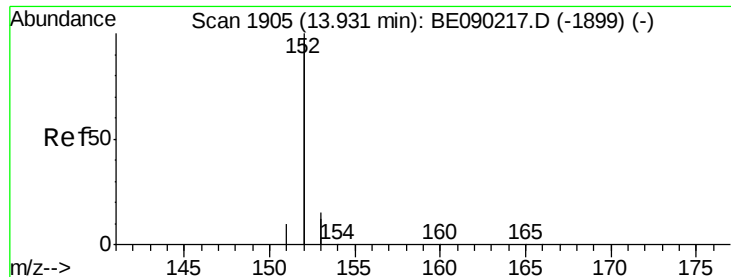
Delta R.T. -0.00 min

Lab File: BE090225.D

Acq: 22 Jul 2015 8:45

Tgt Ion:	142	Resp:	2559
Ion Ratio	Lower	Upper	
142	100		
141	91.7	73.0	109.6





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 13.93 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BE090225.D

Acq: 22 Jul 2015 8:45

Instrument :

BNA_E

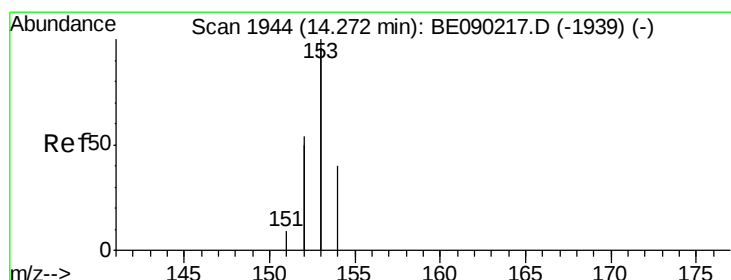
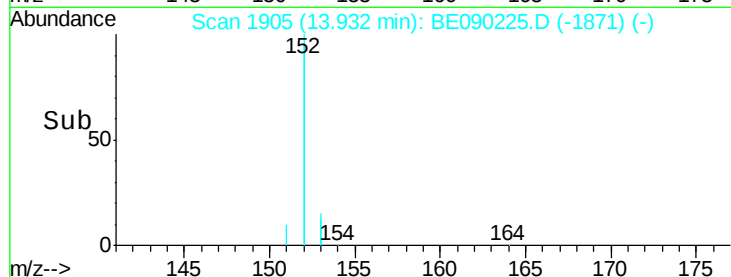
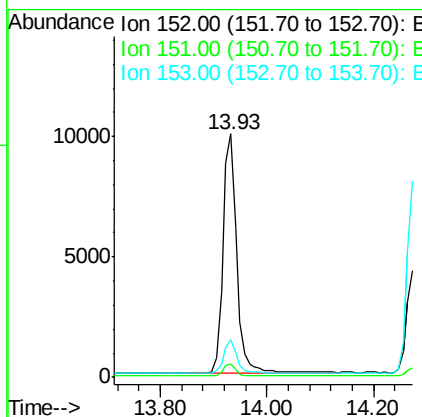
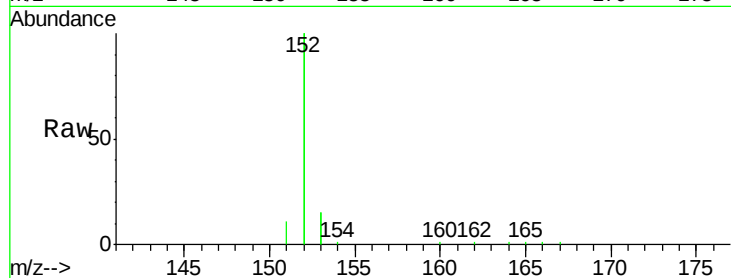
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	152	Resp:	17469
Ion Ratio	Lower	Upper	
152	100		
151	5.4	4.2	6.4
153	15.4	11.5	17.3

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#8

Acenaphthene

Concen: 0.39 ng/ul

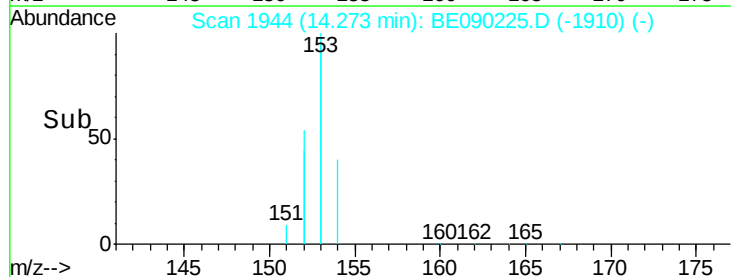
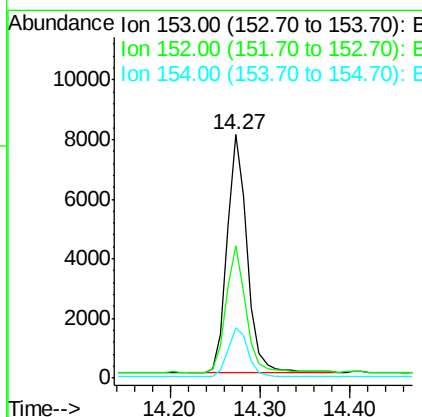
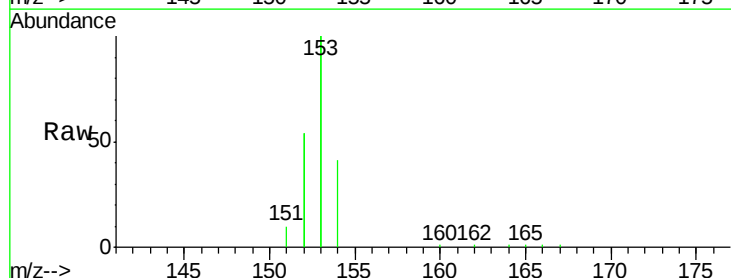
RT: 14.27 min Scan# 1944

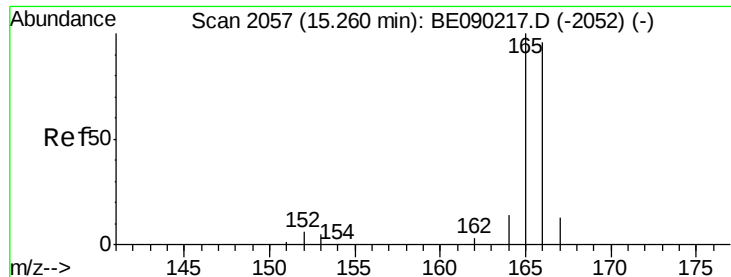
Delta R.T. 0.00 min

Lab File: BE090225.D

Acq: 22 Jul 2015 8:45

Tgt Ion:	153	Resp:	12490
Ion Ratio	Lower	Upper	
153	100		
152	54.2	45.0	67.4
154	20.6	16.8	25.2





#9

Fluorene

Concen: 0.38 ng/ul

RT: 15.26 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BE090225.D

Acq: 22 Jul 2015 8:45

Instrument :

BNA_E

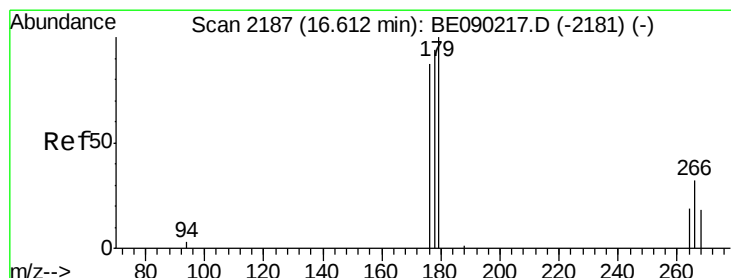
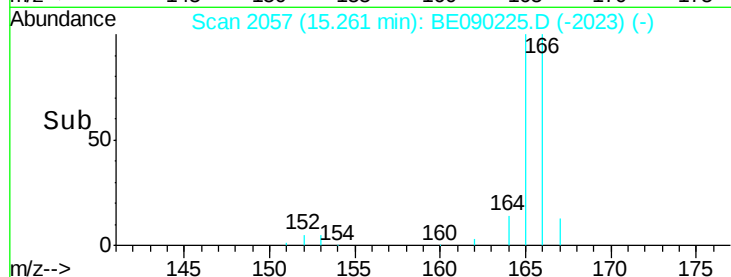
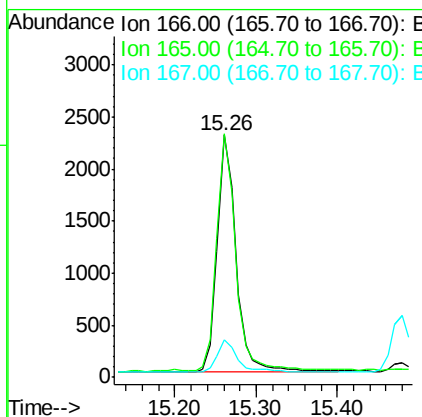
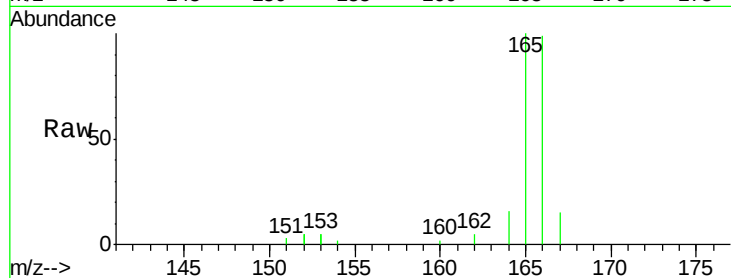
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	166	Resp:	3629
Ion Ratio	Lower	Upper	
166	100		
165	100.6	81.9	122.9
167	15.3	12.2	18.2

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#11

Pentachlorophenol

Concen: 0.32 ng/ul

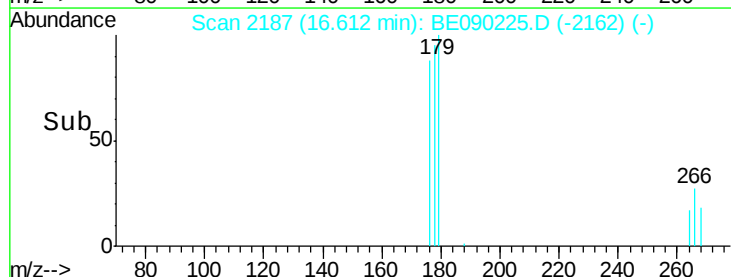
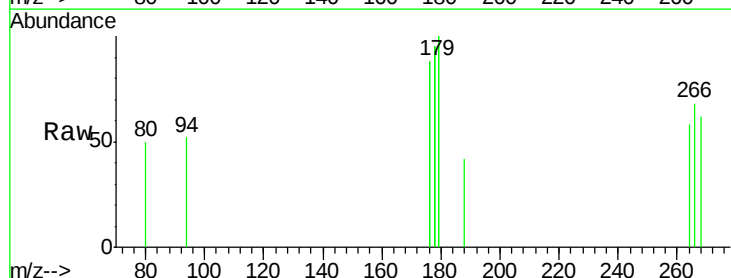
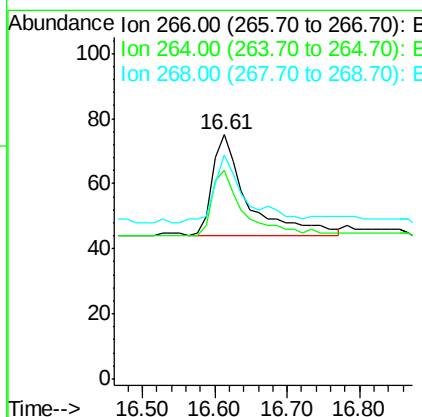
RT: 16.61 min Scan# 2187

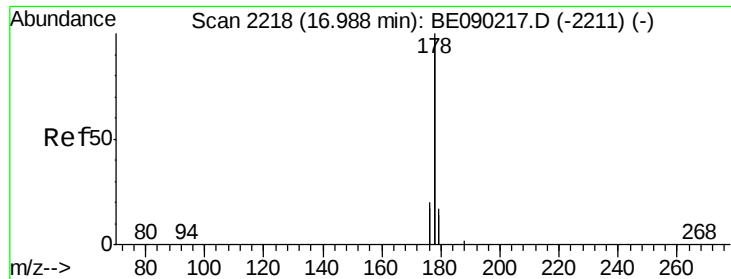
Delta R.T. 0.00 min

Lab File: BE090225.D

Acq: 22 Jul 2015 8:45

Tgt Ion:	266	Resp:	106
Ion Ratio	Lower	Upper	
266	100		
264	58.5	51.6	77.4
268	57.5	41.3	61.9





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 16.99 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BE090225.D

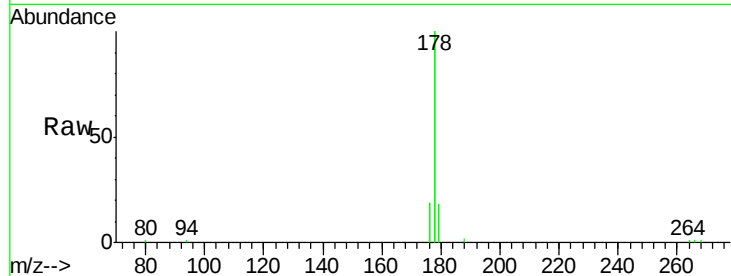
Acq: 22 Jul 2015 8:45

Instrument :

BNA_E

ClientSampleId :

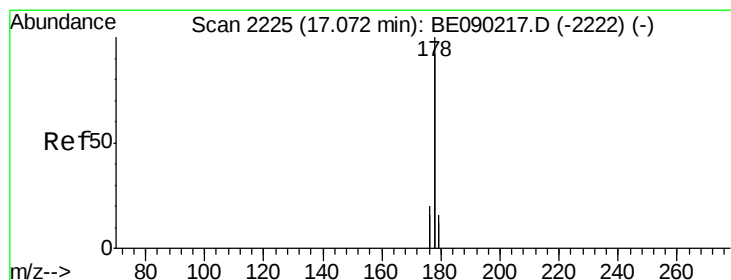
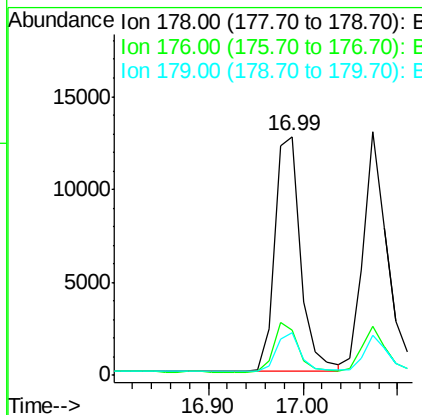
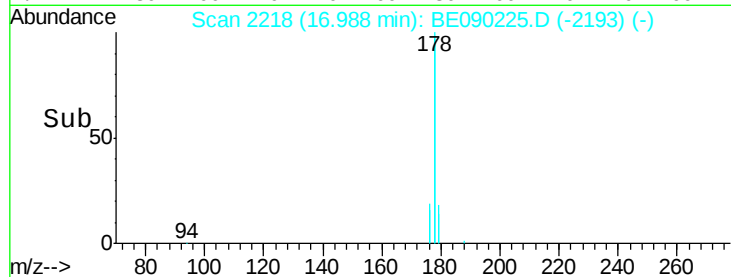
SSTDCCC0.4EC



Tgt Ion:	178	Resp:	23907
Ion Ratio	Lower	Upper	
178	100		
176	19.0	17.6	26.4
179	17.7	12.2	18.4

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#13

Anthracene

Concen: 0.40 ng/ul

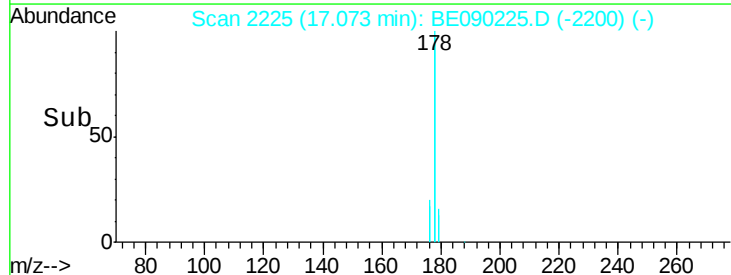
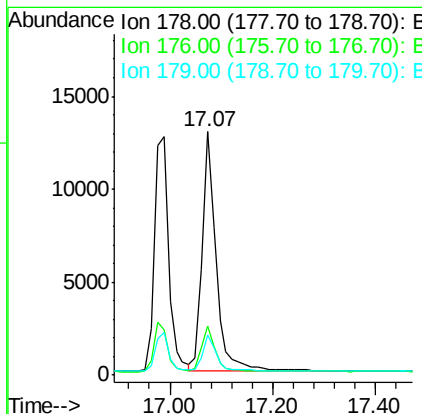
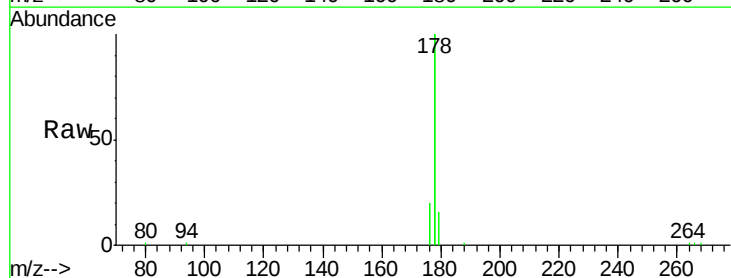
RT: 17.07 min Scan# 2225

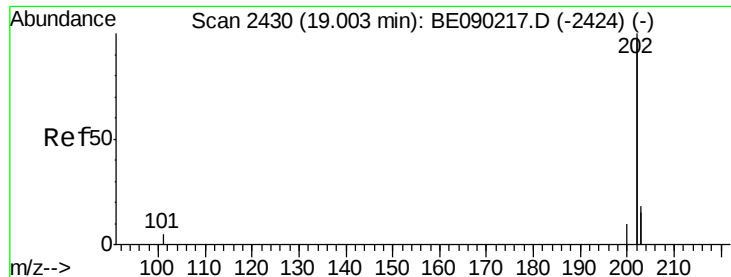
Delta R.T. 0.00 min

Lab File: BE090225.D

Acq: 22 Jul 2015 8:45

Tgt Ion:	178	Resp:	24125
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.9	23.9
179	16.3	13.3	19.9





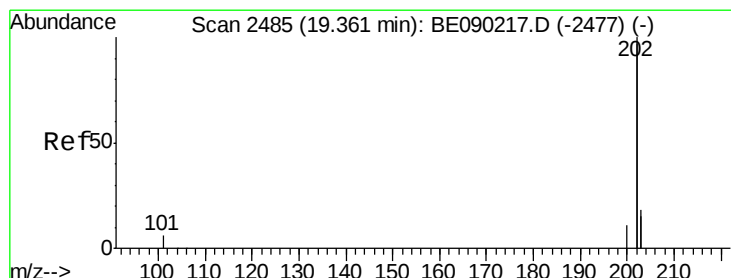
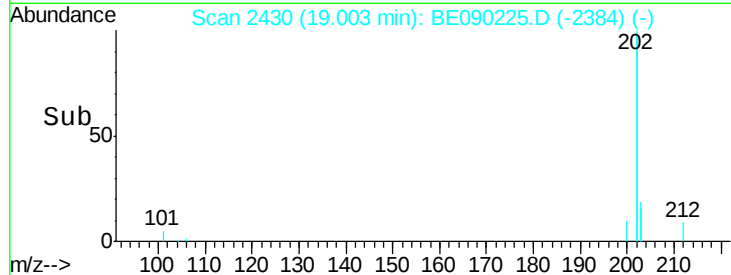
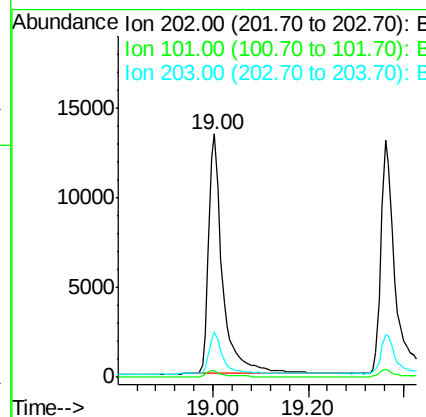
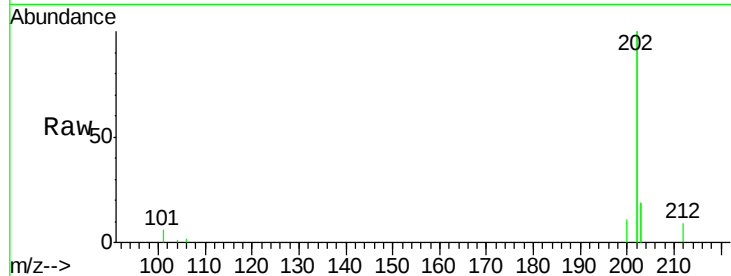
#15
Fluoranthene
Concen: 0.39 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	27118		
101	2.8	0.0	23.0	
203	18.8	0.0	37.8	

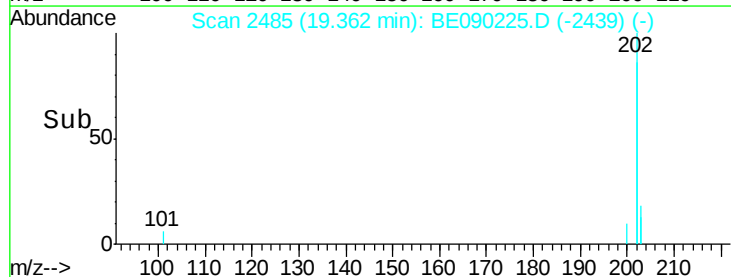
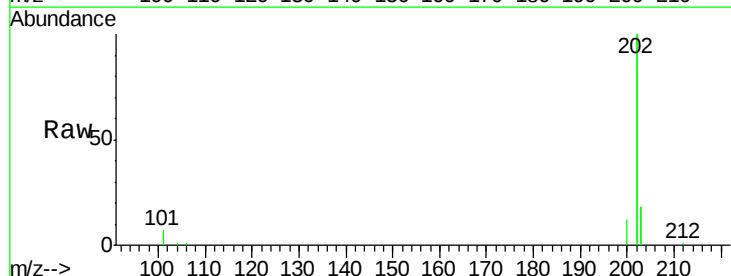
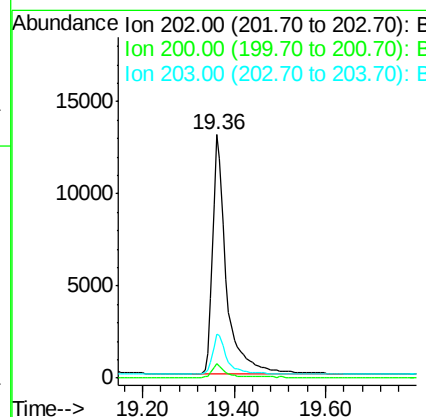
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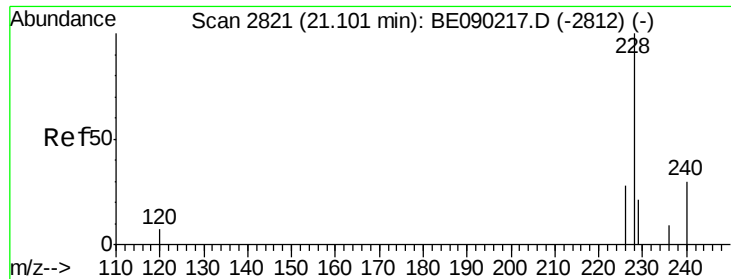
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#17
Pyrene
Concen: 0.50 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	27626		
200	5.8	4.4	6.6	
203	18.2	14.6	22.0	





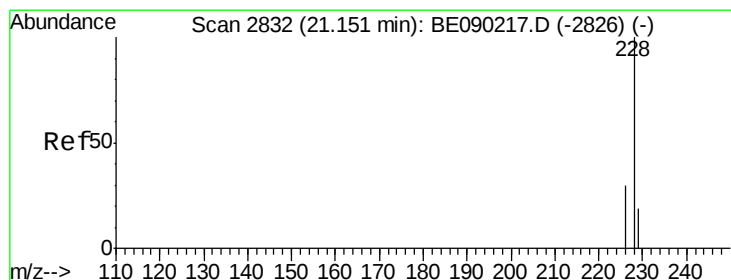
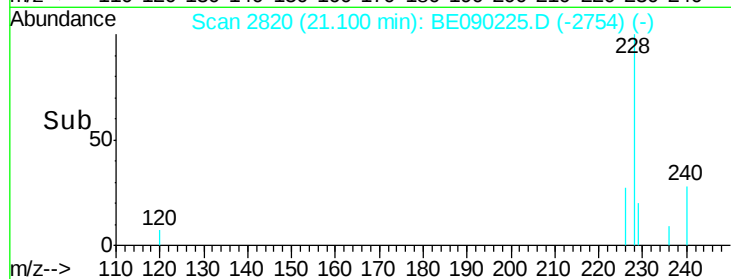
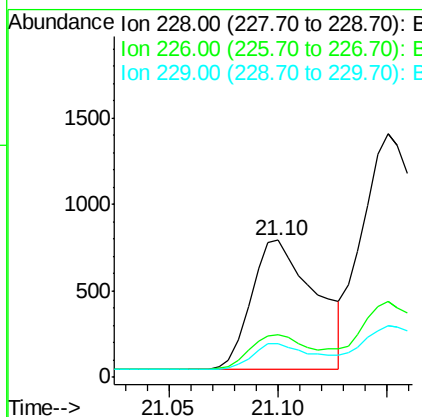
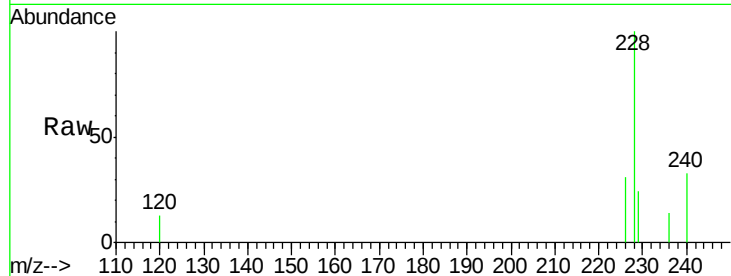
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Benzo(a)anthracene
Concen: 0.29 ng/ul
RT: 21.10 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.1	36.1
229	24.3	17.9	26.9

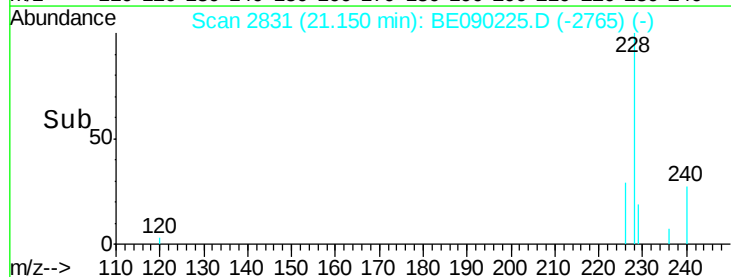
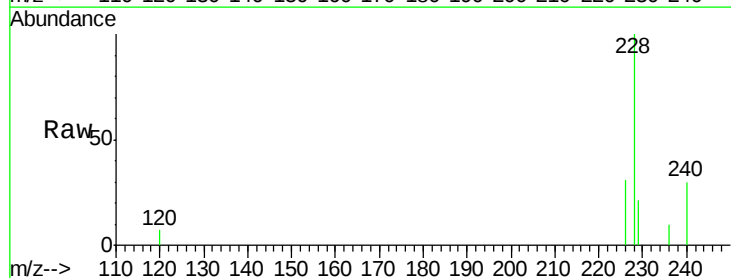
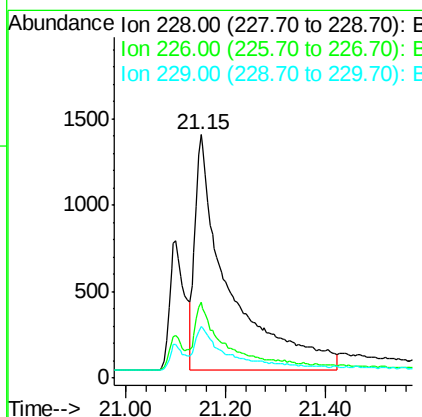
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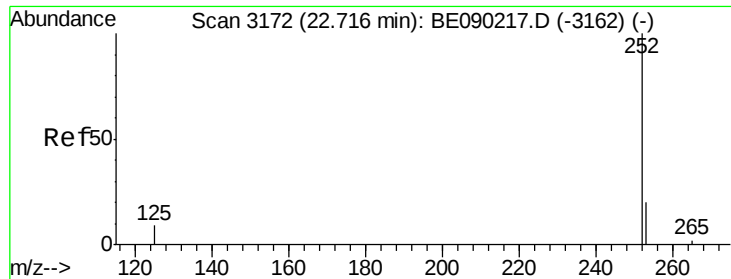
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#19
Chrysene
Concen: 0.47 ng/ul m
RT: 21.15 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	36.8
229	21.3	17.4	26.2





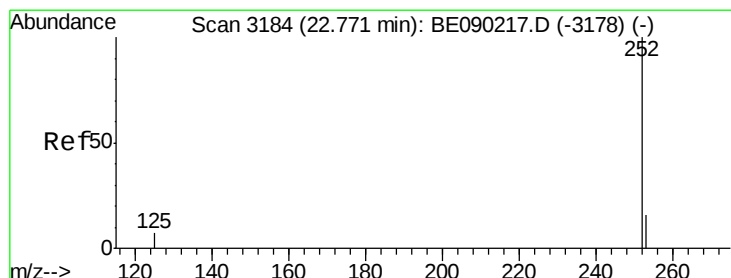
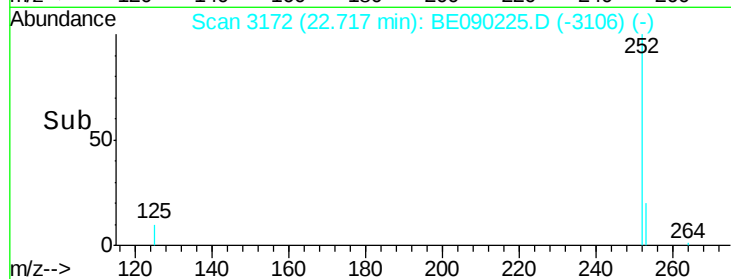
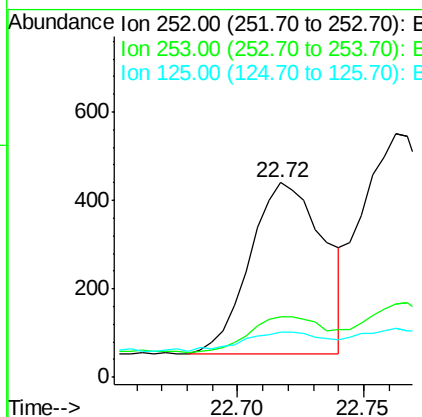
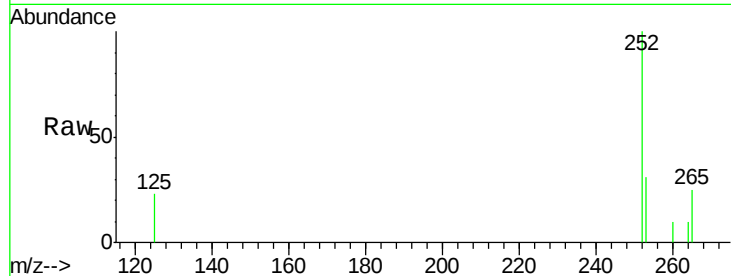
#21
Benzo(b)fluoranthene
Concen: 0.35 ng/ul
RT: 22.72 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	56.8
125	23.0	0.0	37.0

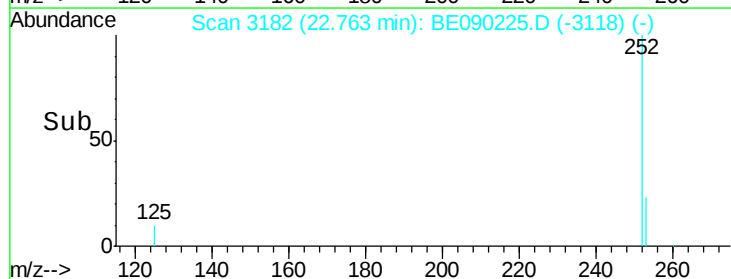
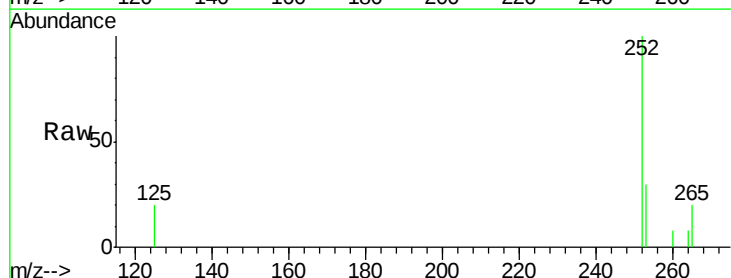
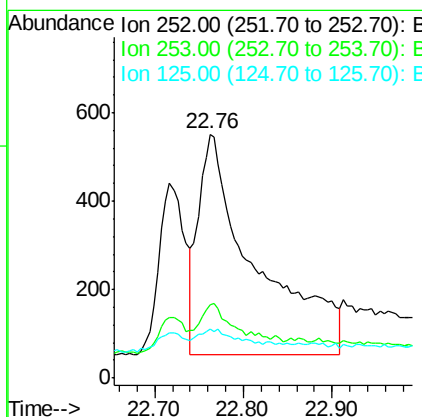
Manual Integrations
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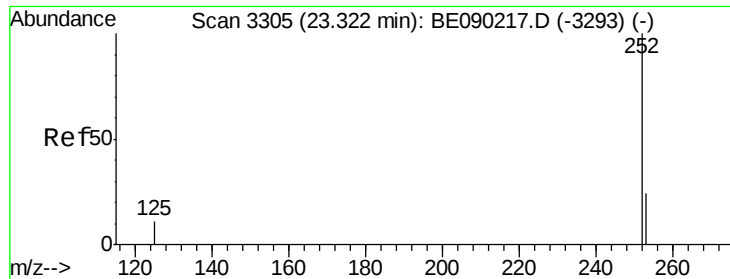
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#22
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.76 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.5	29.3#
125	20.3	11.9	17.9#





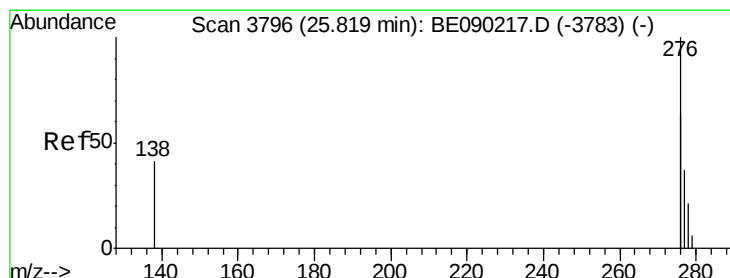
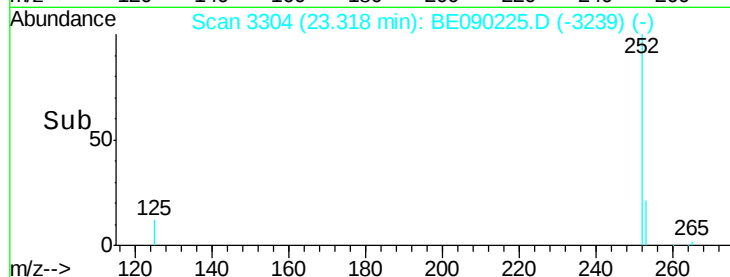
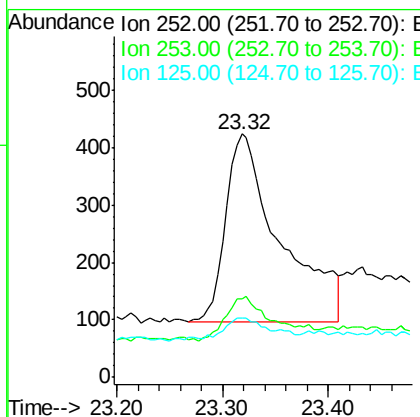
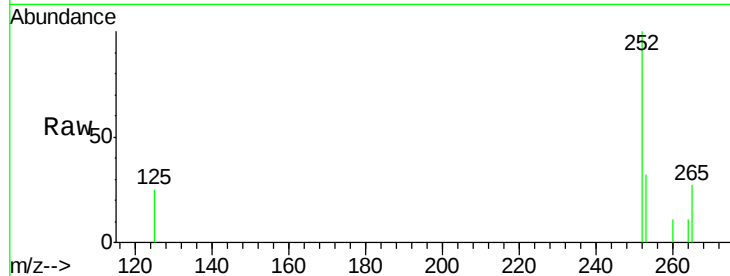
#23
Benzo(a)pyrene
Concen: 0.34 ng/ul
RT: 23.32 min Scan# 3304
Delta R.T. -0.00 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.1	23.7	35.5
125	24.5	15.4	23.2

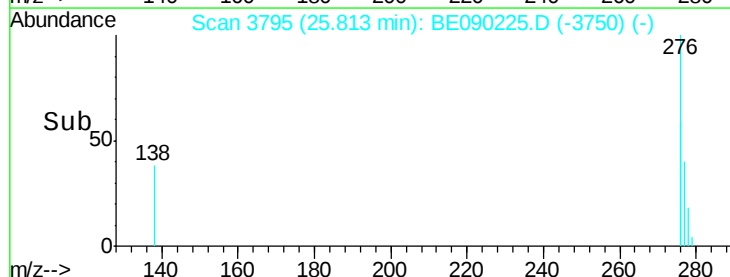
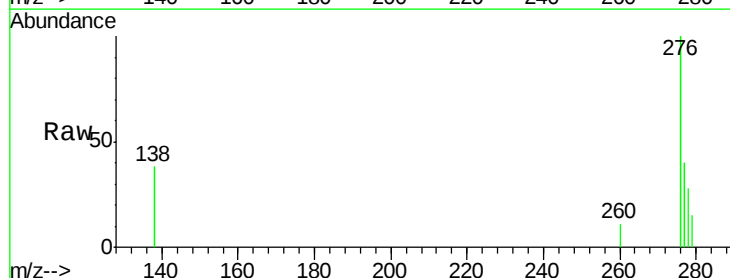
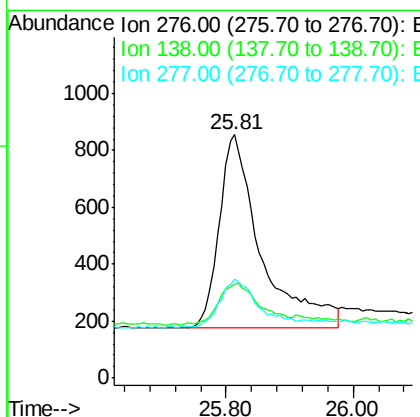
Manual Integrations
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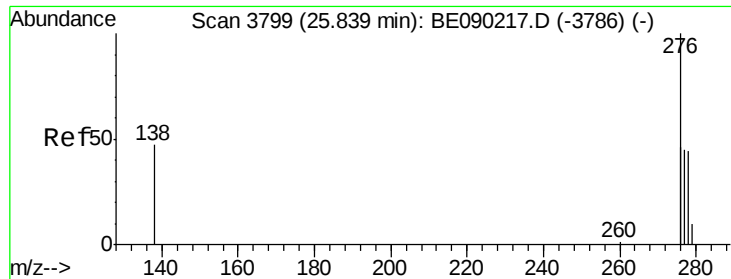
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.30 ng/ul
RT: 25.81 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.9	25.3
277	22.7	17.0	25.4





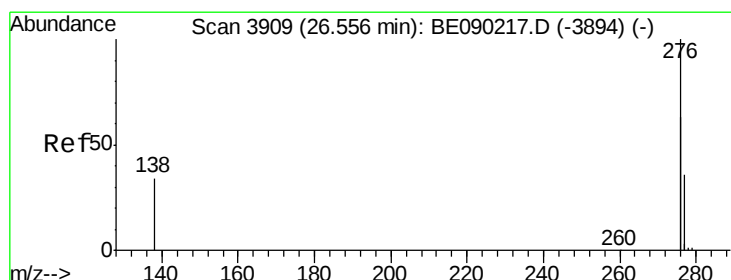
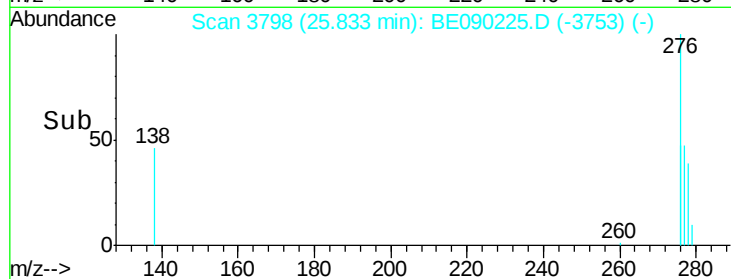
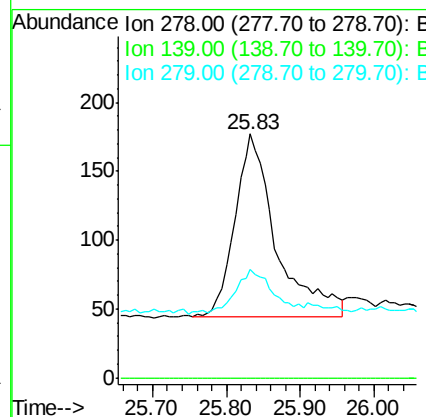
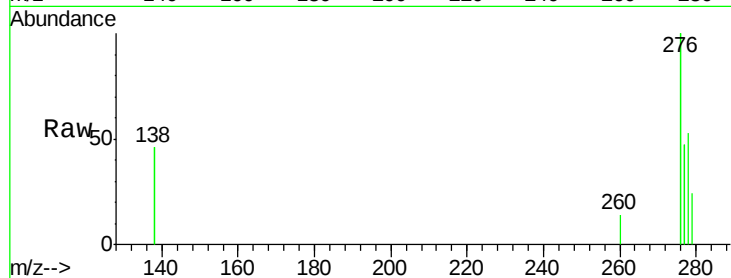
#25
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 25.83 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	44.6	30.1	45.1

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul
RT: 26.55 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BE090225.D
Acq: 22 Jul 2015 8:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	37.2	24.6	36.8#
138	35.4	23.5	35.3#

