

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094740.D
 Acq On : 4 Nov 2017 10:29
 Operator : SJ/JU
 Sample : I5955-07MSD 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-15(0.25-1.25)-101717MSD

Manual Integrations
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 11/6/2017 5:58:52 PM

Quant Time: Nov 06 00:28:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 06:57:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1503	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8938	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10838	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11158	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	12036	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1055	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	2475	0.08	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	7151	0.327	ng/ul#	94
5) 2-Methylnaphthalene	12.34	142	4413	0.289	ng/ul	98
7) Acenaphthylene	14.24	152	1960	0.085	ng/ul#	83
8) Acenaphthene	14.57	153	1529	0.093	ng/ul#	93
12) Phenanthrene	17.29	178	17401	0.608	ng/ul	92
13) Anthracene	17.38	178	2449m	0.087	ng/ul	
15) Fluoranthene	19.31	202	28721	0.868	ng/ul	82
17) Pyrene	19.67	202	41166	1.193	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	16154	0.506	ng/ul#	42
19) Chrysene	21.47	228	37243	1.130	ng/ul#	60
21) Benzo(b)fluoranthene	23.19	252	29618m	0.875	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	8360m	0.230	ng/ul	
23) Benzo(a)pyrene	23.86	252	16802	0.496	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	26.69	276	12727	0.363	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.68	278	3620	0.123	ng/ul#	1
26) Benzo(g,h,i)perylene	27.55	276	14330	0.510	ng/ul#	59

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

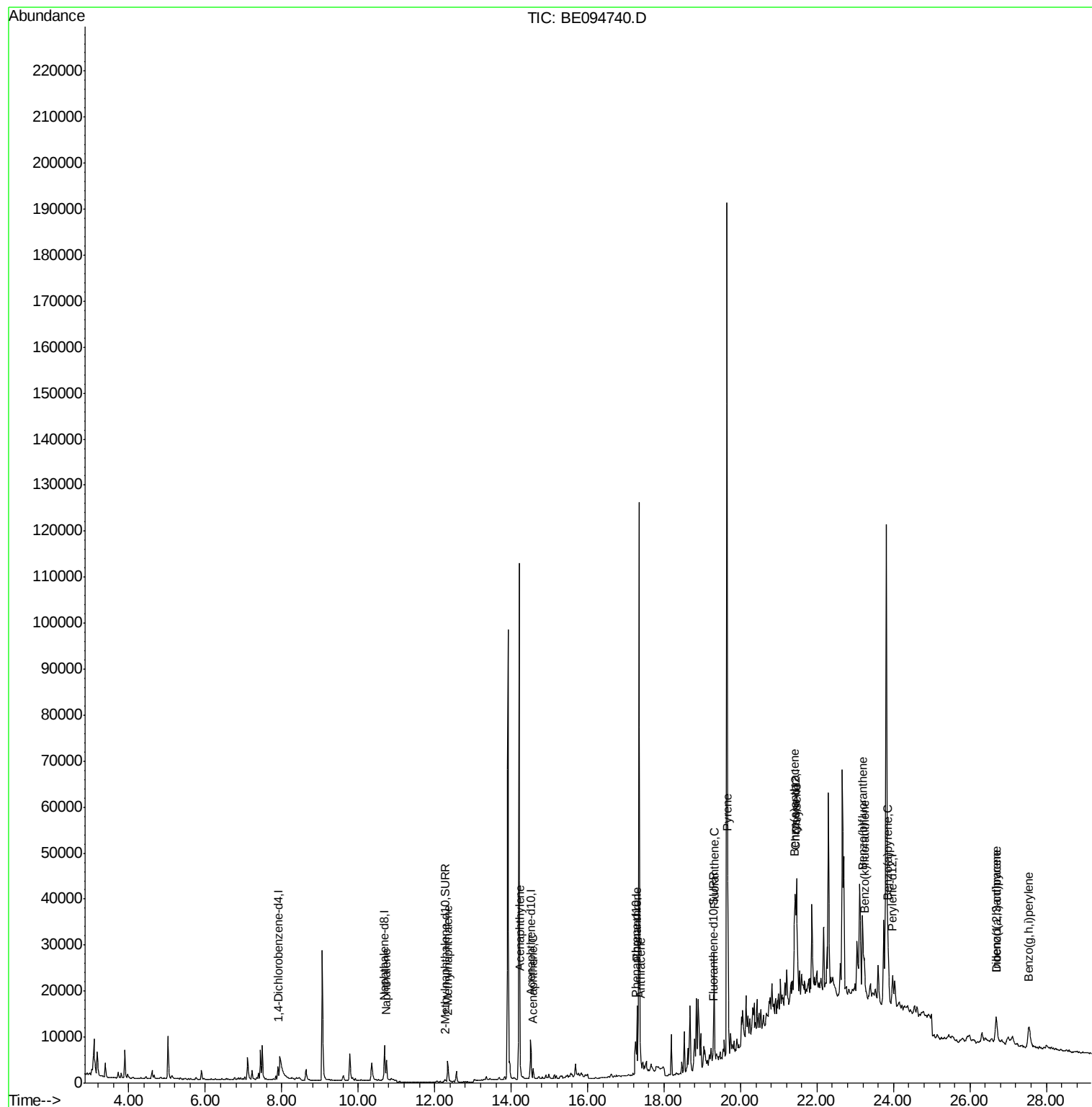
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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Sample : I5955-07MSD 5X
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ALS Vial : 39 Sample Multiplier: 1

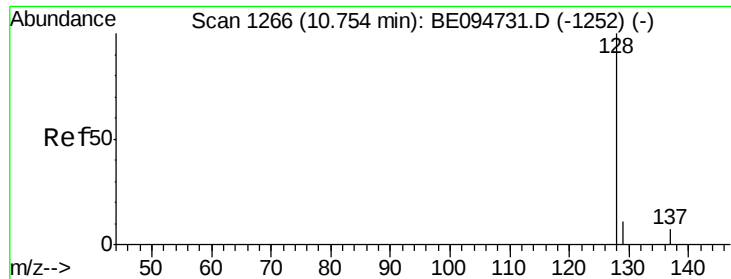
Instrument :
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B-15(0.25-1.25)-101717MSD

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QLast Update : Sat Nov 04 06:57:51 2017
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#3

Naphthalene

Concen: 0.327 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Instrument :

BNA_E

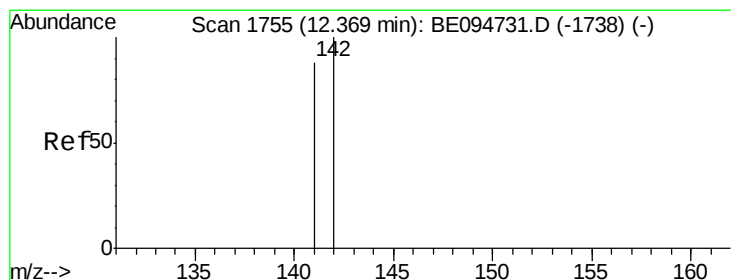
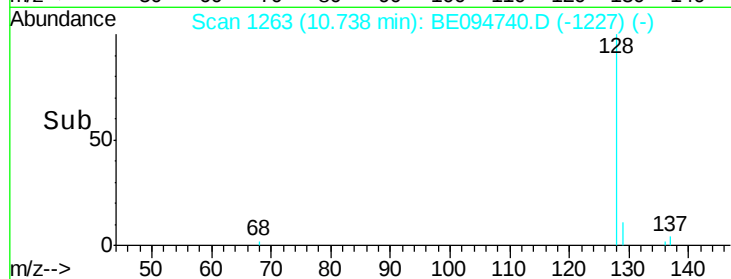
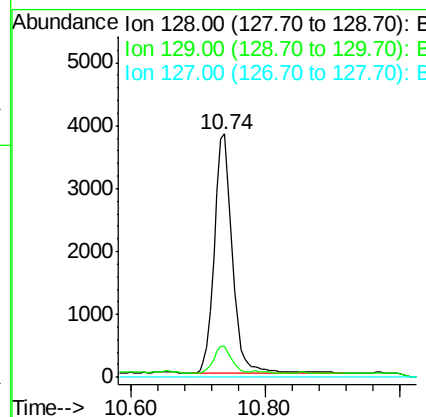
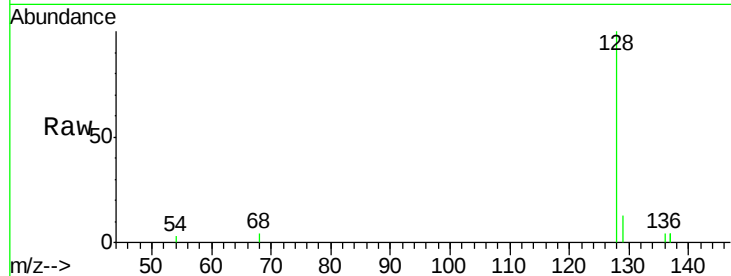
ClientSampleId :

B-15(0.25-1.25)-101717MSD

Tgt Ion:	128	Resp:	7151
Ion Ratio	Lower	Upper	
128	100		
129	13.1	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.289 ng/ul

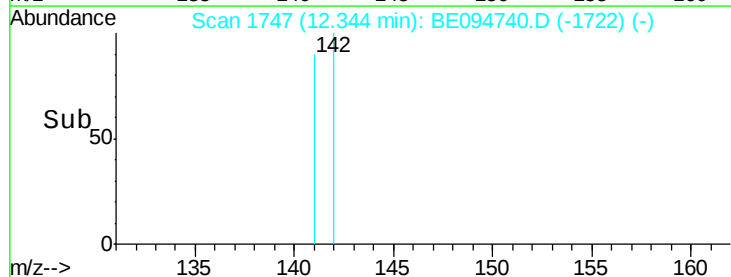
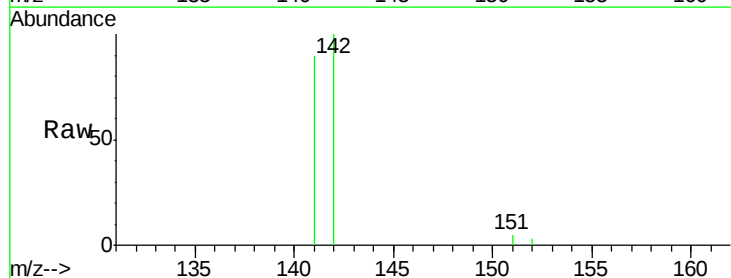
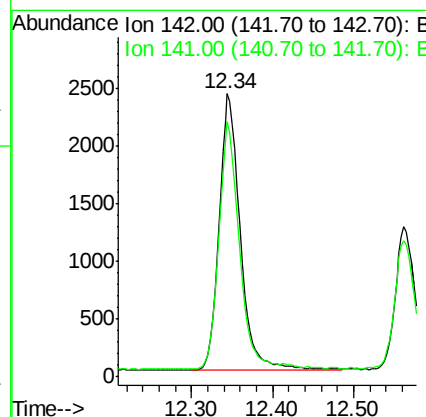
RT: 12.34 min Scan# 1747

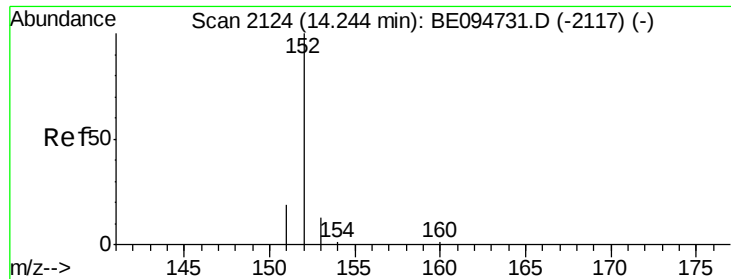
Delta R.T. -0.02 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Tgt Ion:	142	Resp:	4413
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.085 ng/u1

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Instrument :

BNA_E

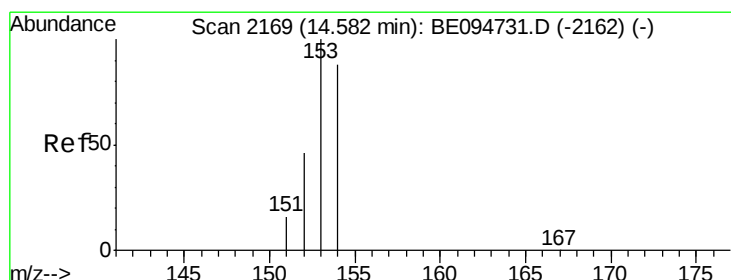
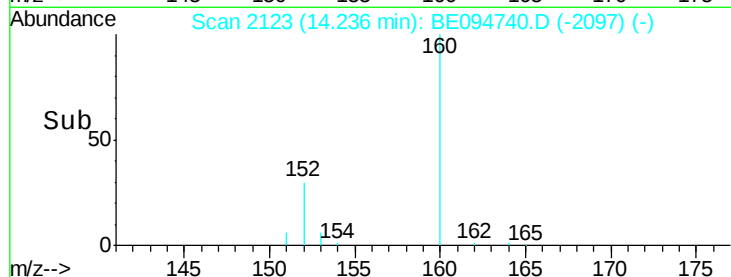
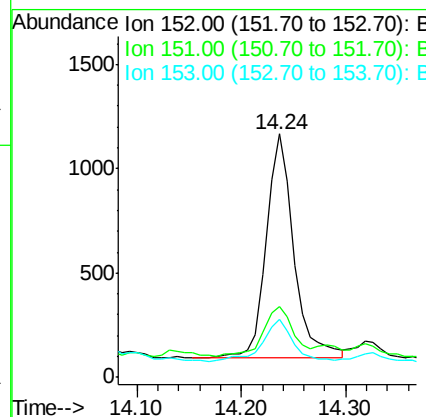
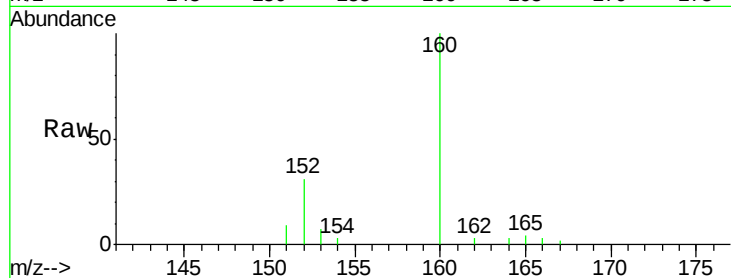
ClientSampleId :

B-15(0.25-1.25)-101717MSD

Tgt Ion:	152	Resp:	1960
Ion Ratio	Lower	Upper	
152	100		
151	29.0	17.1	25.7#
153	23.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.093 ng/u1

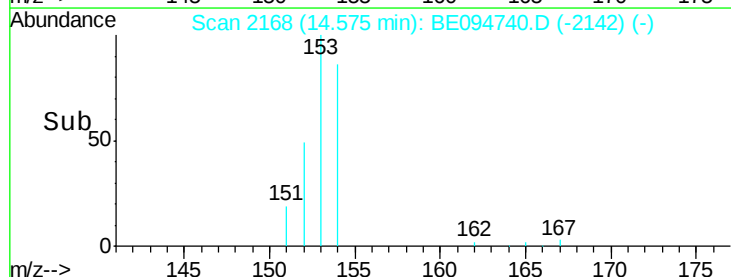
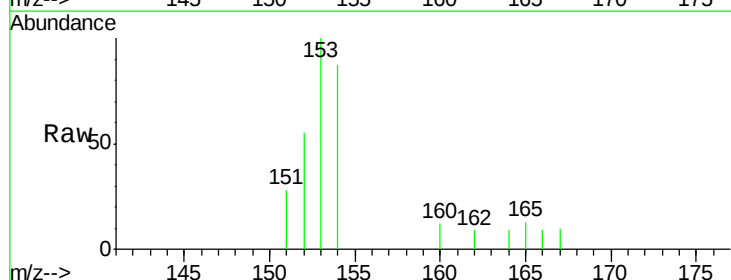
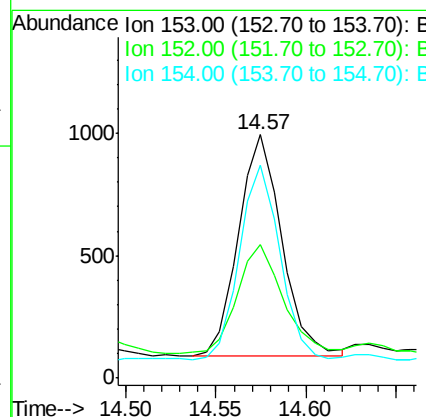
RT: 14.57 min Scan# 2168

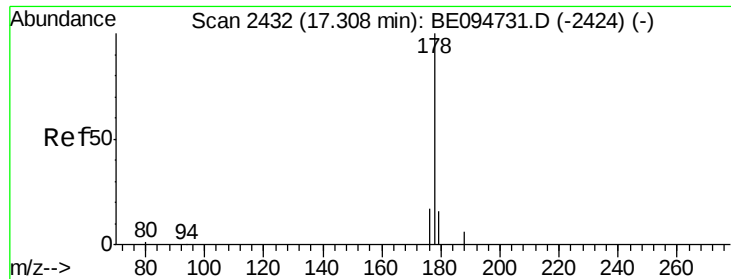
Delta R.T. -0.01 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Tgt Ion:	153	Resp:	1529
Ion Ratio	Lower	Upper	
153	100		
152	54.8	36.0	54.0#
154	87.2	72.0	108.0





#12

Phenanthrene

Concen: 0.608 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Instrument :

BNA_E

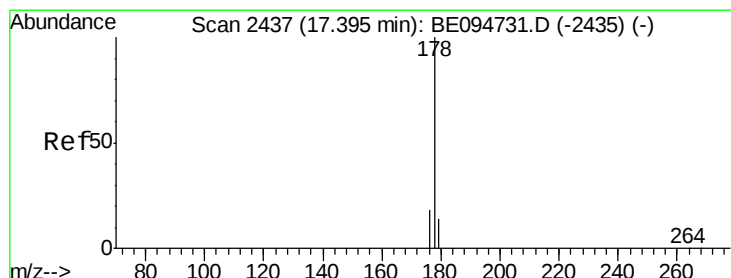
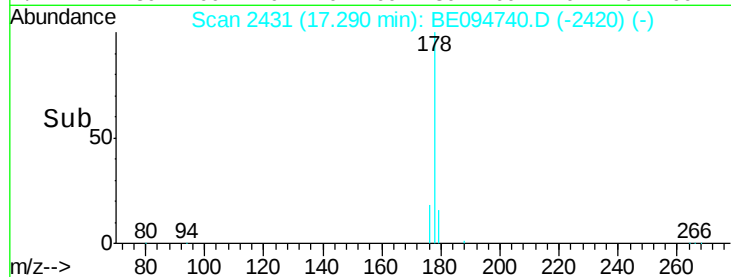
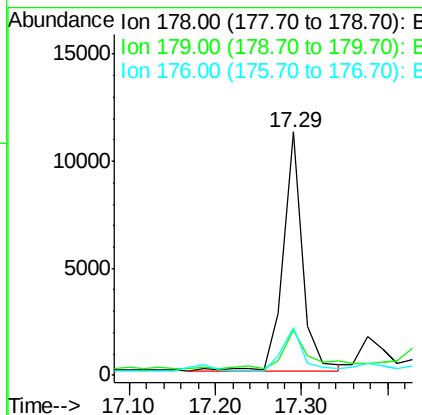
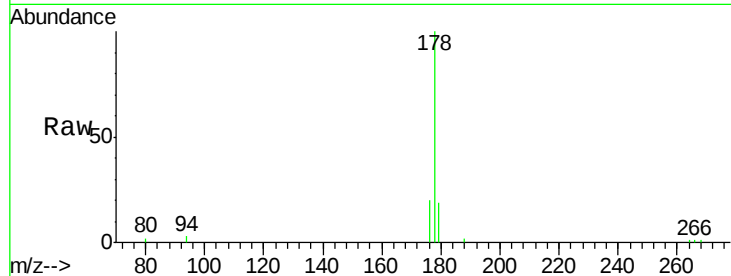
ClientSampleId :

B-15(0.25-1.25)-101717MSD

Tgt Ion:	178	Resp:	17401
Ion Ratio	Lower	Upper	
178	100		
179	18.6	18.4	27.6
176	19.7	13.6	20.4

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#13

Anthracene

Concen: 0.087 ng/ul m

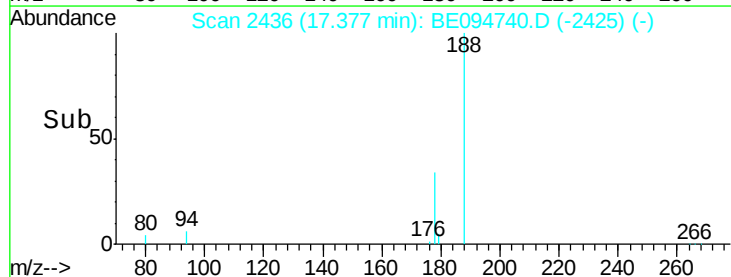
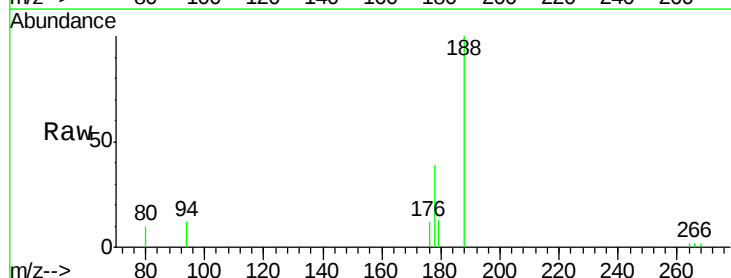
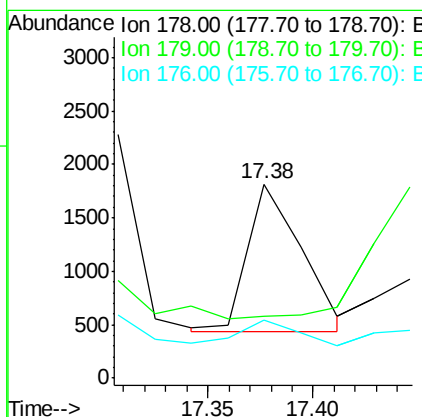
RT: 17.38 min Scan# 2436

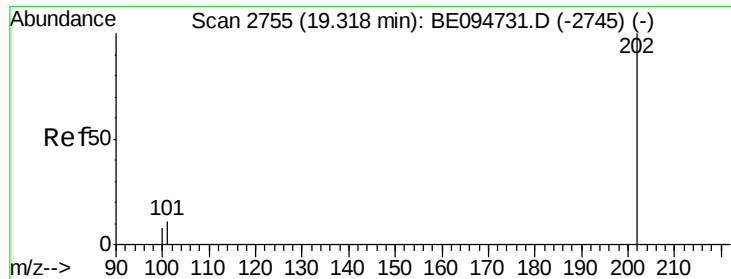
Delta R.T. -0.02 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Tgt Ion:	178	Resp:	2449
Ion Ratio	Lower	Upper	
178	100		
179	32.1	18.1	27.1#
176	30.0	14.7	22.1#





#15

Fluoranthene

Concen: 0.868 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Instrument :

BNA_E

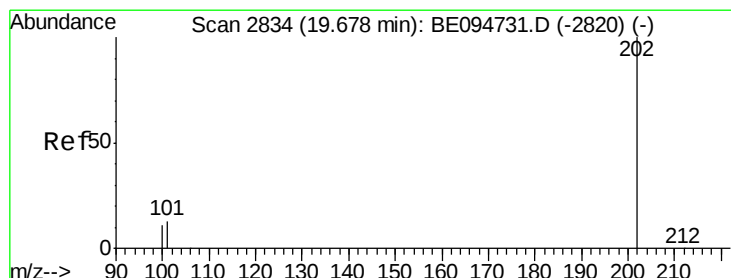
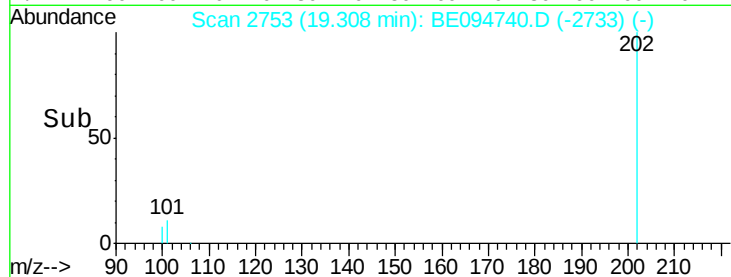
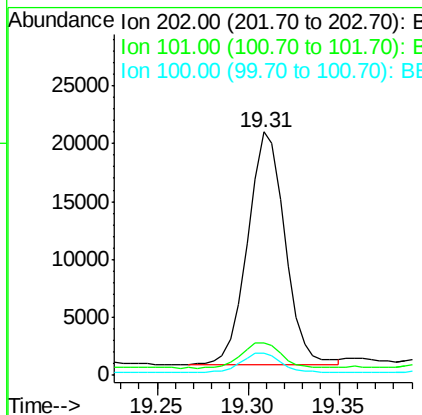
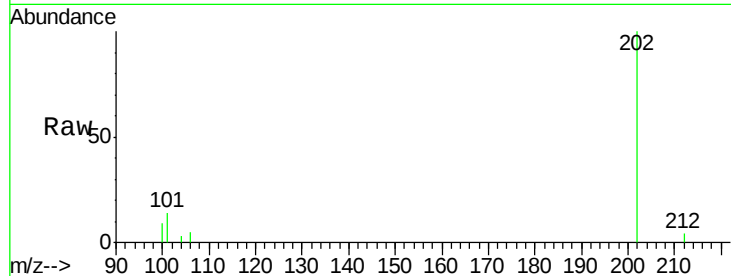
ClientSampleId :

B-15(0.25-1.25)-101717MSD

Tgt Ion:	202	Resp:	28721
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	30.3
100	9.3	0.0	39.5

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#17

Pyrene

Concen: 1.193 ng/ul

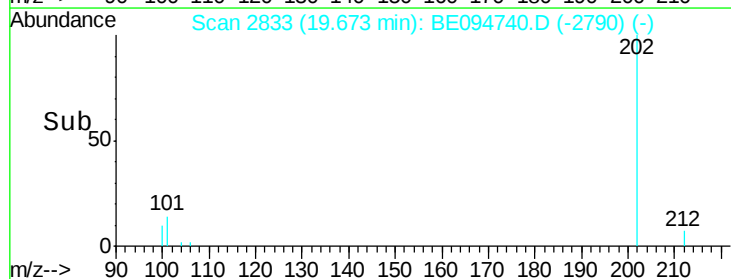
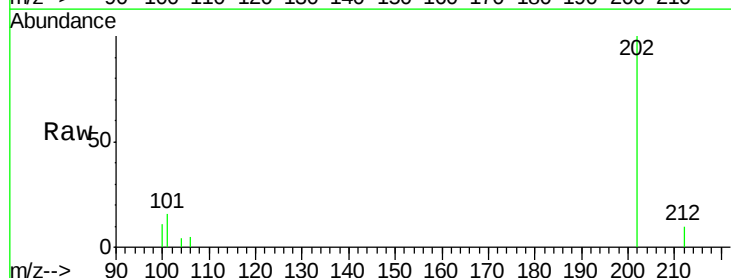
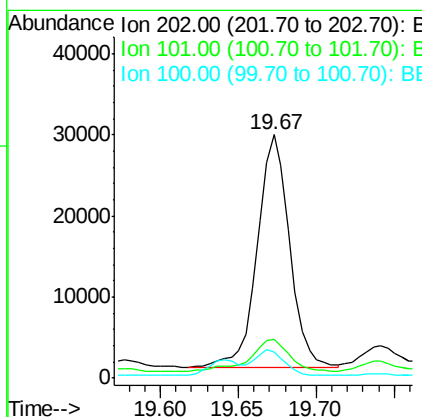
RT: 19.67 min Scan# 2833

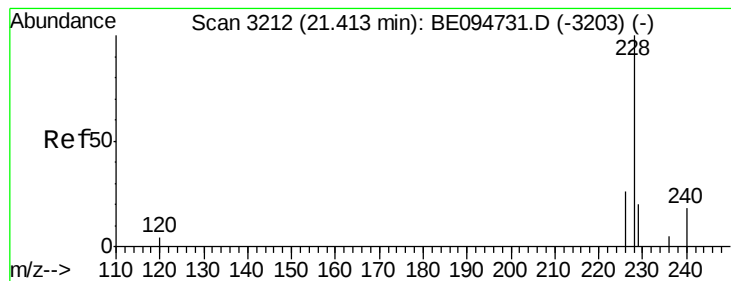
Delta R.T. -0.00 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Tgt Ion:	202	Resp:	41166
Ion Ratio	Lower	Upper	
202	100		
101	16.0	18.2	27.4#
100	10.8	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.506 ng/ul

RT: 21.41 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BE094740.D

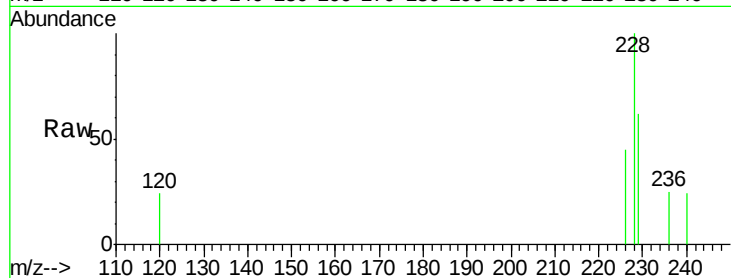
Acq: 4 Nov 2017 10:29

Instrument :

BNA_E

ClientSampleId :

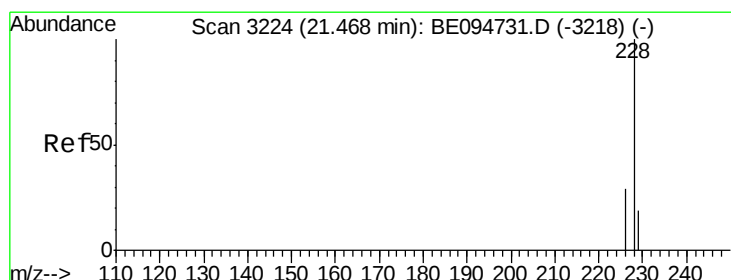
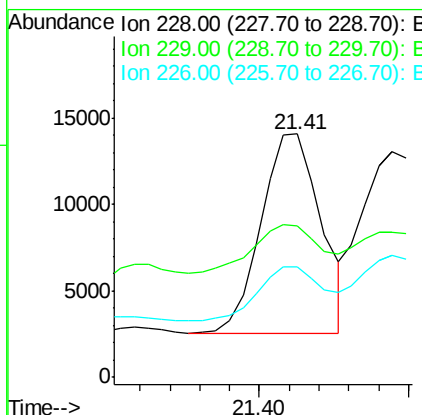
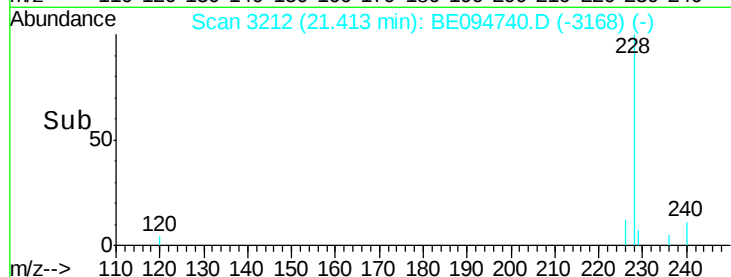
B-15(0.25-1.25)-101717MSD



Tgt Ion:	228	Resp:	16154
Ion Ratio	Lower	Upper	
228	100		
229	62.1	22.8	34.2#
226	45.4	17.0	25.6#

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#19

Chrysene

Concen: 1.130 ng/ul

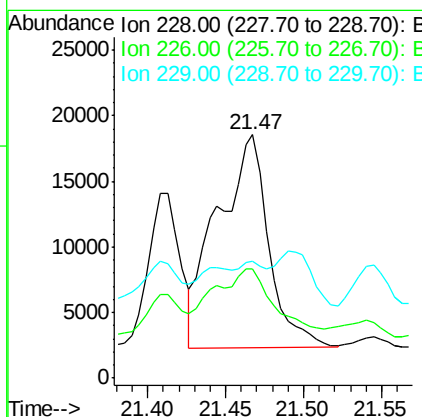
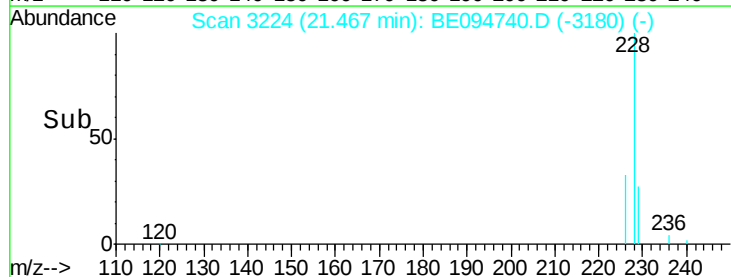
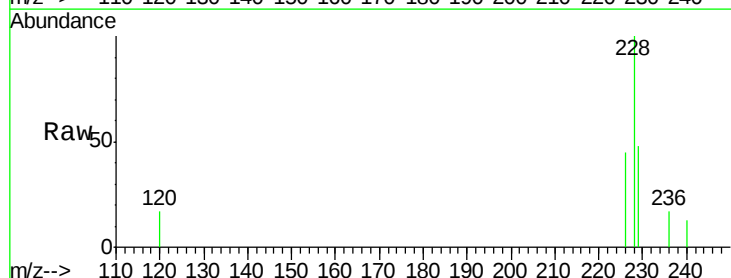
RT: 21.47 min Scan# 3224

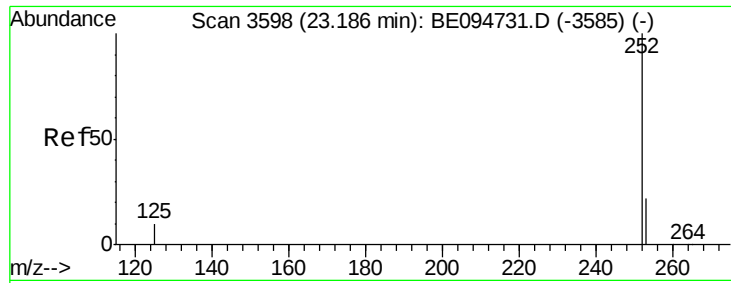
Delta R.T. -0.00 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

Tgt Ion:	228	Resp:	37243
Ion Ratio	Lower	Upper	
228	100		
226	45.1	23.4	35.0#
229	48.1	17.7	26.5#





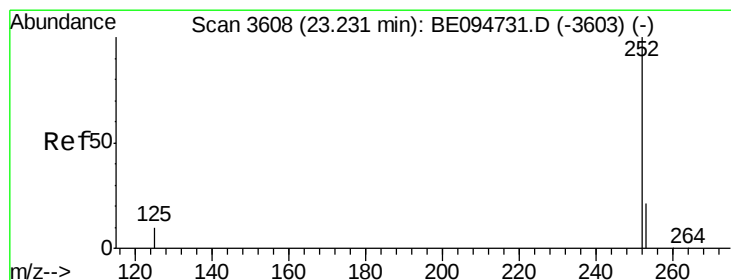
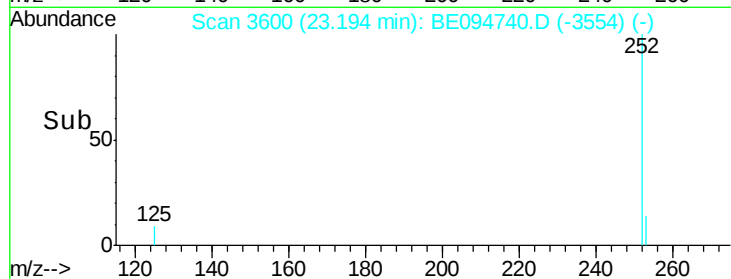
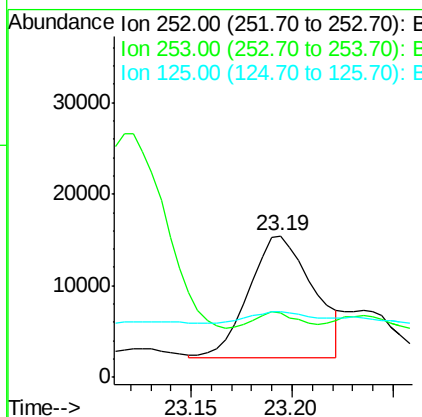
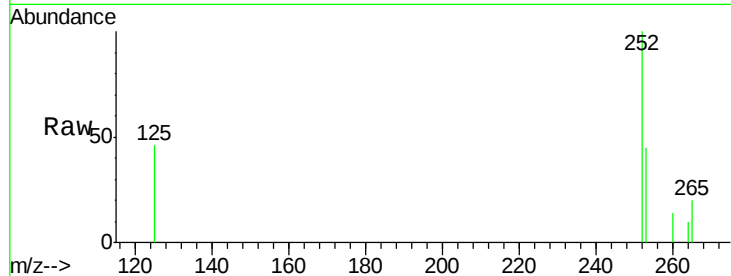
#21
Benzo(b)fluoranthene
Concen: 0.875 ng/ul m
RT: 23.19 min Scan# 3600
Delta R.T. 0.01 min
Lab File: BE094740.D
Acq: 4 Nov 2017 10:29

Instrument :
BNA_E
ClientSampleId :
B-15(0.25-1.25)-101717MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	45.2	0.0	64.2
125	46.0	0.0	35.0#

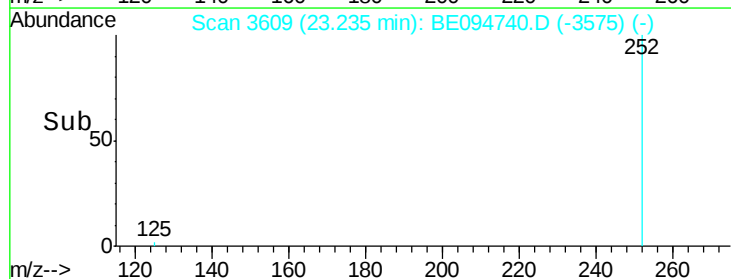
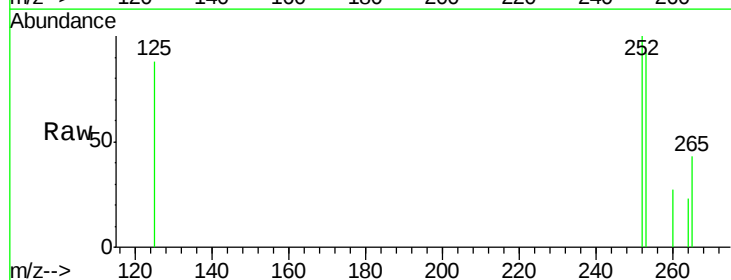
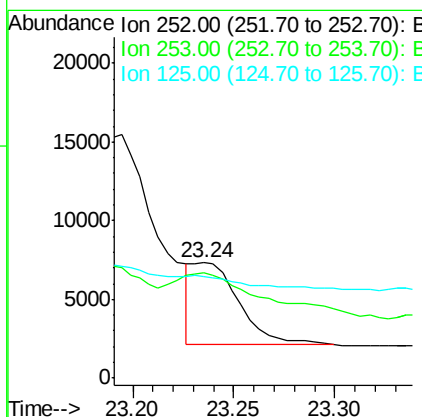
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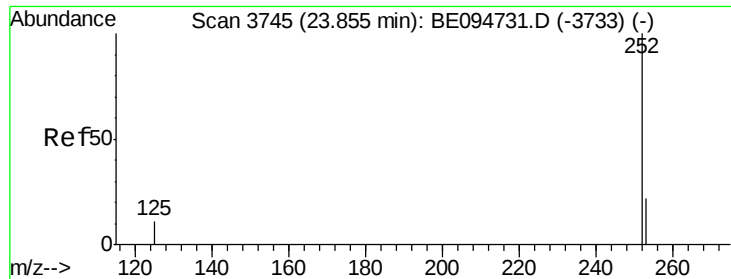
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#22
Benzo(k)fluoranthene
Concen: 0.230 ng/ul m
RT: 23.24 min Scan# 3609
Delta R.T. 0.00 min
Lab File: BE094740.D
Acq: 4 Nov 2017 10:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	91.5	24.5	36.7#
125	87.9	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.496 ng/u1

RT: 23.86 min Scan# 3747

Delta R.T. 0.01 min

Lab File: BE094740.D

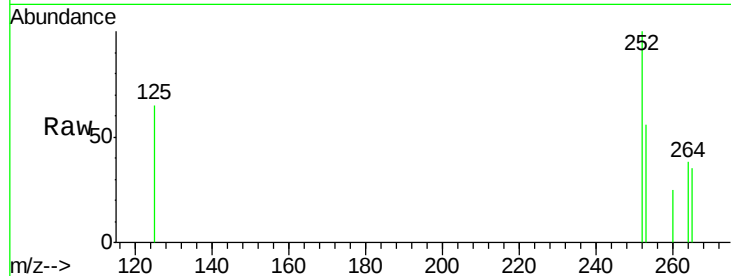
Acq: 4 Nov 2017 10:29

Instrument :

BNA_E

ClientSampleId :

B-15(0.25-1.25)-101717MSD



Tgt Ion: 252 Resp: 16802

Ion Ratio Lower Upper

252 100

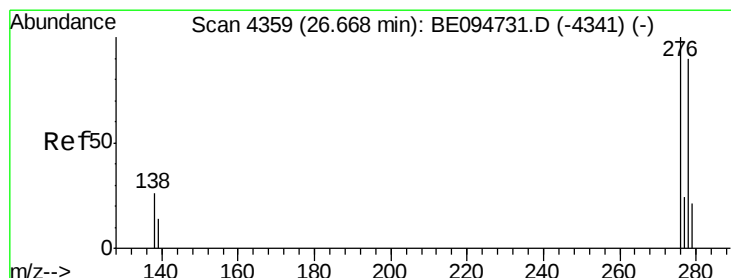
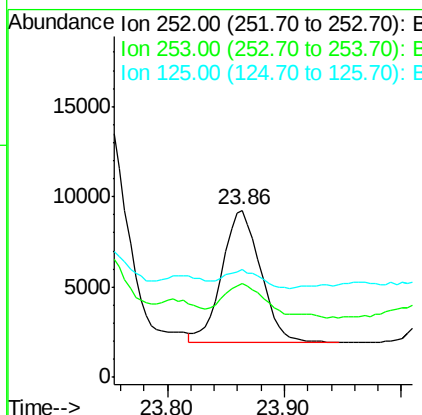
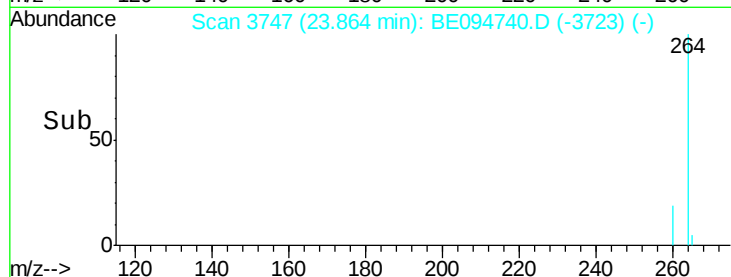
253 56.2 28.5 42.7#

125 64.6 18.1 27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.363 ng/u1

RT: 26.69 min Scan# 4363

Delta R.T. 0.02 min

Lab File: BE094740.D

Acq: 4 Nov 2017 10:29

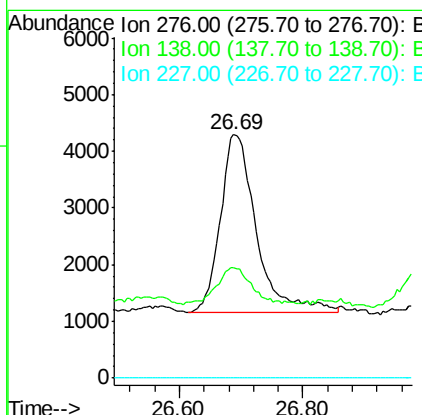
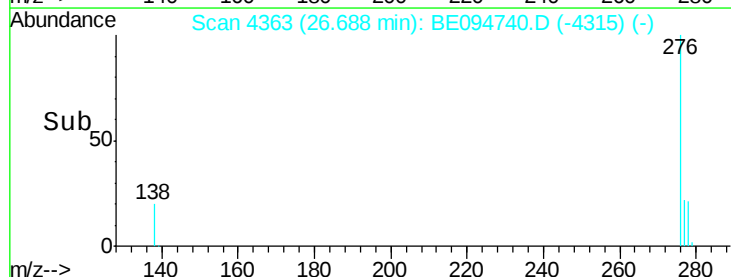
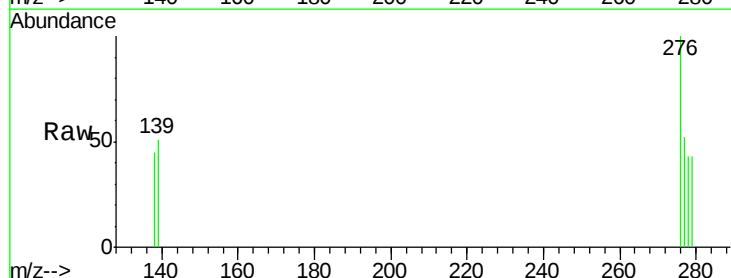
Tgt Ion: 276 Resp: 12727

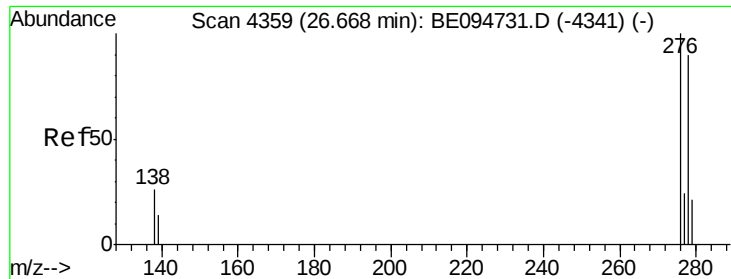
Ion Ratio Lower Upper

276 100

138 20.9 28.0 42.0#

227 0.0 8.0 12.0#





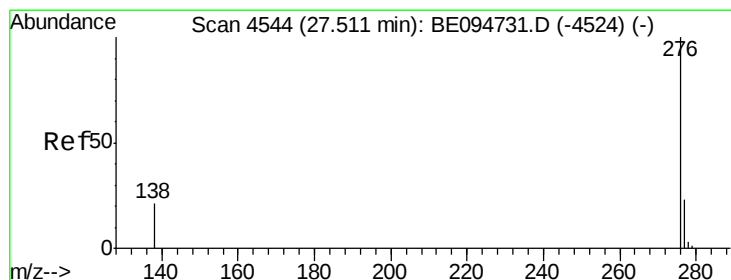
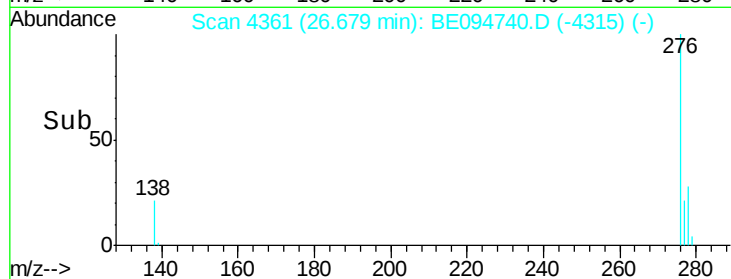
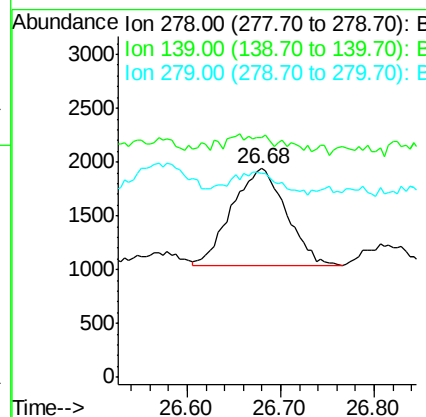
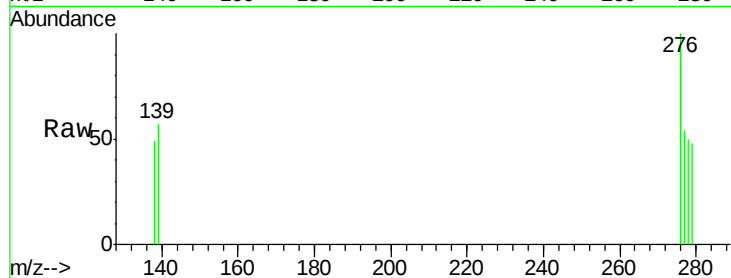
#25
Dibenzo(a,h)anthracene
Concen: 0.123 ng/u1
RT: 26.68 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BE094740.D
Acq: 4 Nov 2017 10:29

Instrument :
BNA_E
ClientSampleId :
B-15(0.25-1.25)-101717MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	115.1	17.4	26.0#
279	97.6	25.9	38.9#

Manual Integrations
APPROVED

Sohil
11/6/2017 5:58:52 PM



#26
Benzo(g,h,i)perylene
Concen: 0.510 ng/u1
RT: 27.55 min Scan# 4552
Delta R.T. 0.04 min
Lab File: BE094740.D
Acq: 4 Nov 2017 10:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	44.6	21.8	32.8#
277	50.7	20.5	30.7#

