

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094730.D
 Acq On : 4 Nov 2017 4:37
 Operator : SJ/JU
 Sample : I6032-02 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-31(5-5.5)-101817

Manual Integrations
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 11/4/2017 2:17:06 PM

Quant Time: Nov 04 04:24:04 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 02:38:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1698	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.68	136	10214	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5656	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	12102	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	11825	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	13140	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	789	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	1966	0.05	ng/ul	-0.01
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	31089	1.245	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	6517	0.373	ng/ul	98
7) Acenaphthylene	14.24	152	4946	0.193	ng/ul	99
8) Acenaphthene	14.57	153	3187	0.173	ng/ul	99
9) Fluorene	15.56	166	3700	0.179	ng/ul	93
12) Phenanthrene	17.29	178	110970	3.472	ng/ul#	92
13) Anthracene	17.38	178	28614	0.907	ng/ul#	92
15) Fluoranthene	19.30	202	178313	4.825	ng/ul	84
17) Pyrene	19.66	202	153710	4.205	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	84452	2.498	ng/ul#	86
19) Chrysene	21.46	228	80425	2.302	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	97925m	2.649	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	35350m	0.892	ng/ul	
23) Benzo(a)pyrene	23.84	252	67235	1.820	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.65	276	39385	1.030	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	9505	0.295	ng/ul#	95
26) Benzo(g,h,i)perylene	27.49	276	30629	0.998	ng/ul	98

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

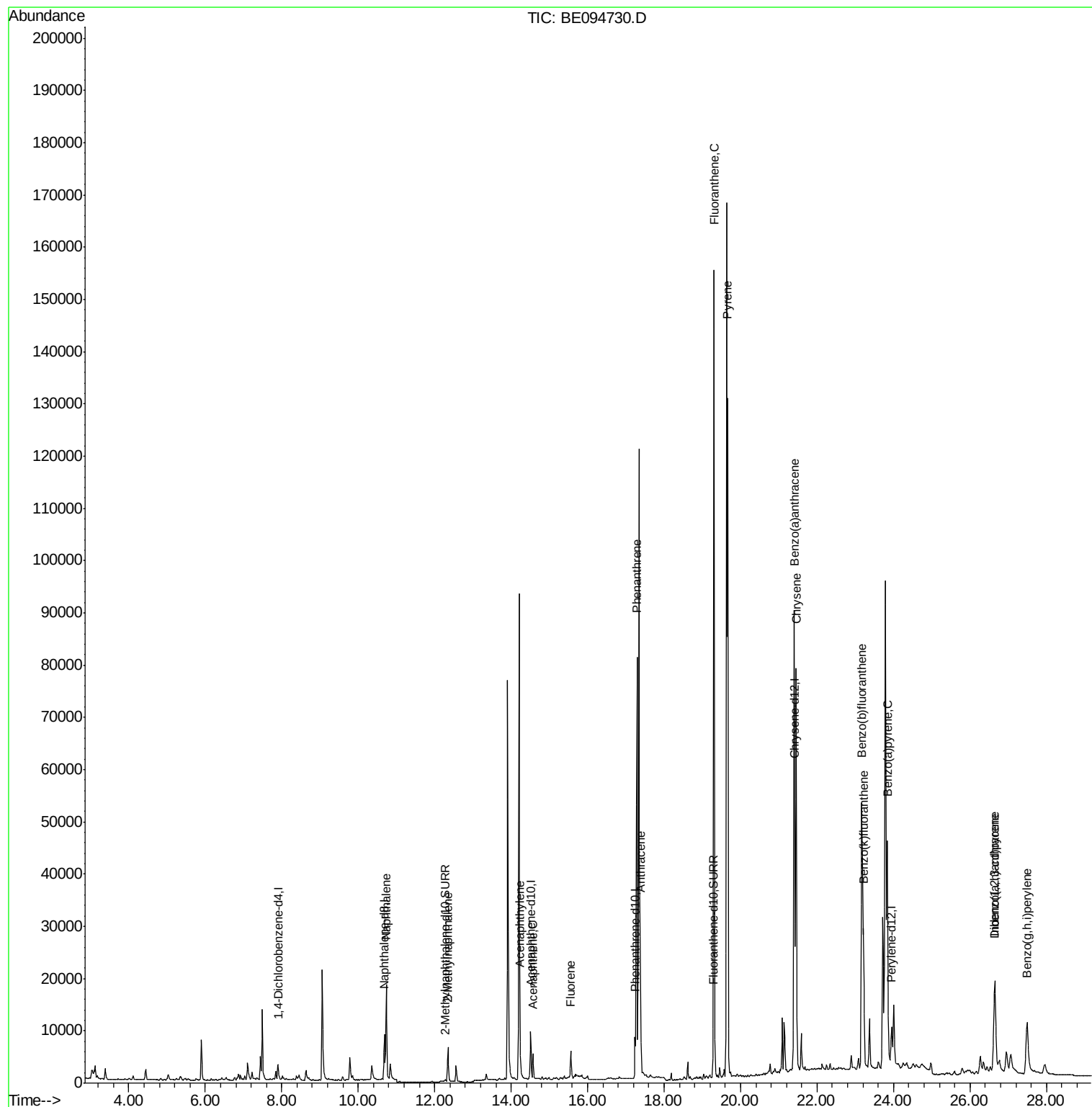
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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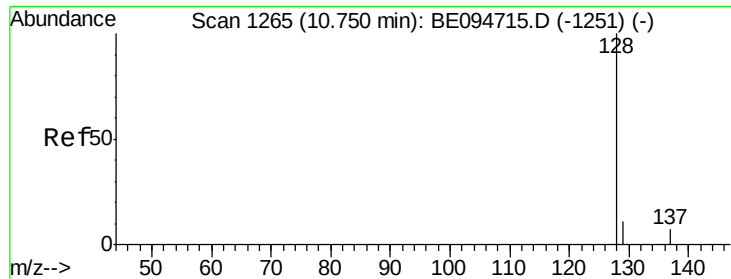
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Sat Nov 04 02:38:13 2017
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#3

Naphthalene

Concen: 1.245 ng/ul

RT: 10.74 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Instrument :

BNA_E

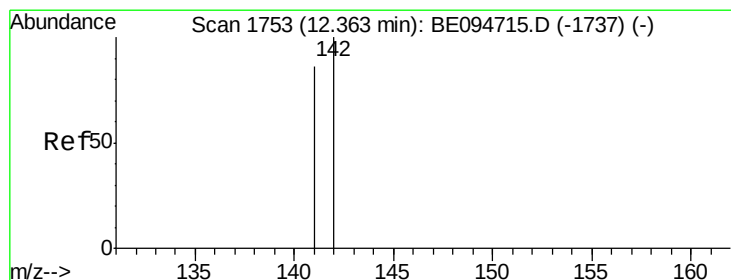
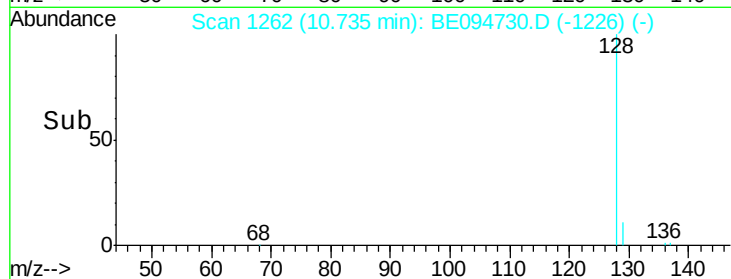
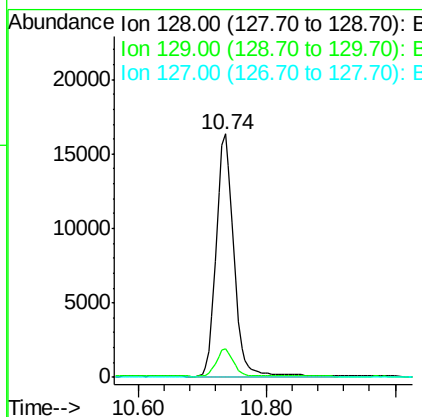
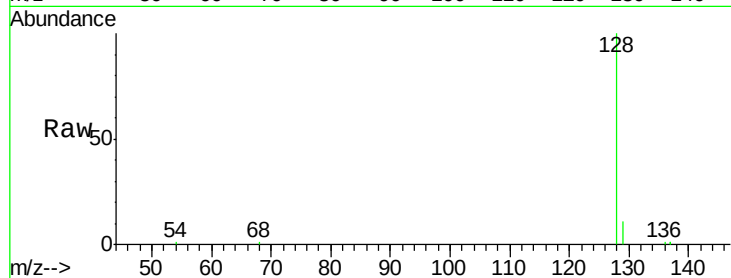
ClientSampleId :

B-31(5-5.5)-101817

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.373 ng/ul

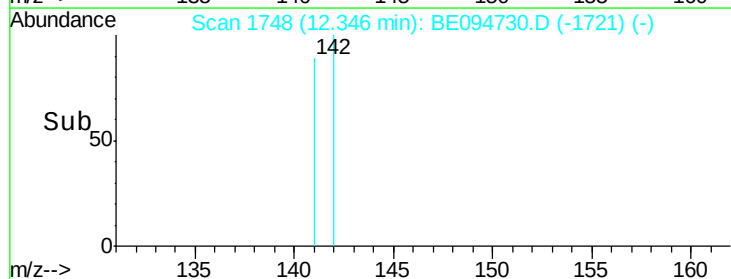
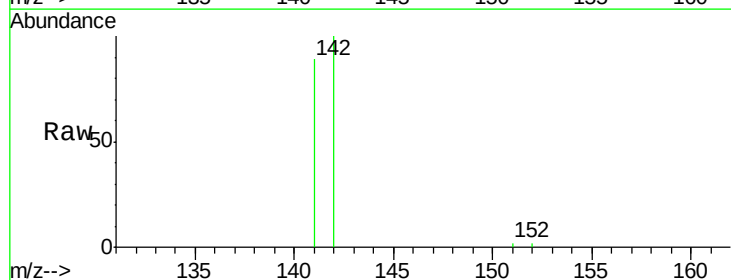
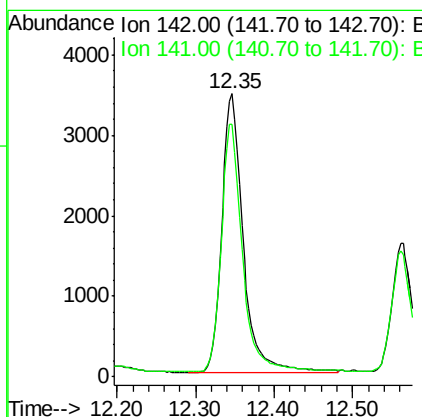
RT: 12.35 min Scan# 1748

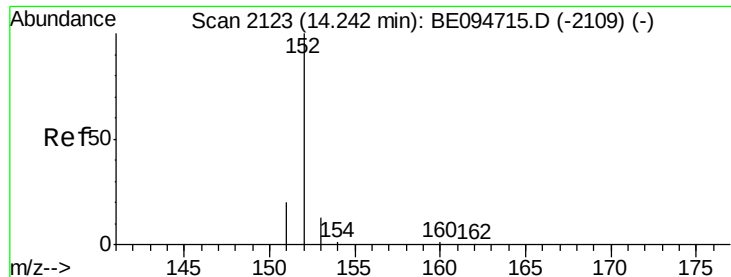
Delta R.T. -0.02 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.193 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Instrument :

BNA_E

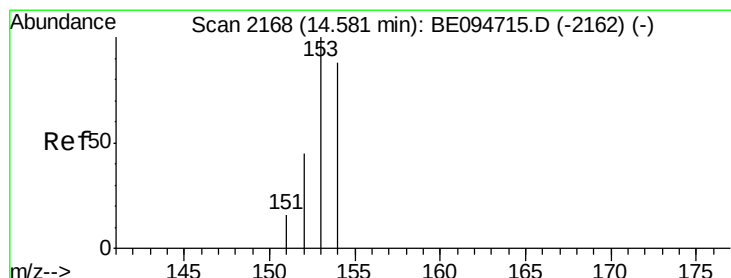
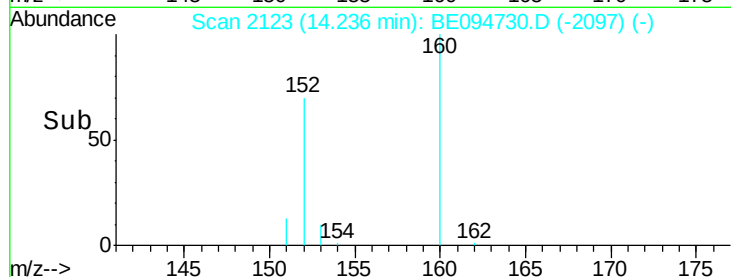
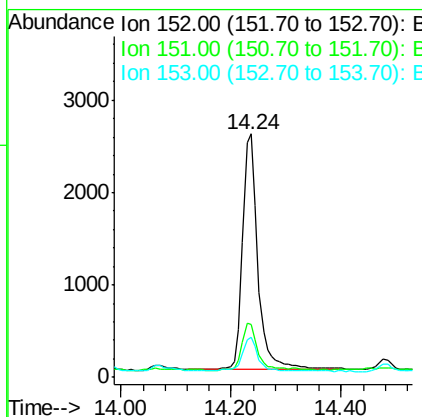
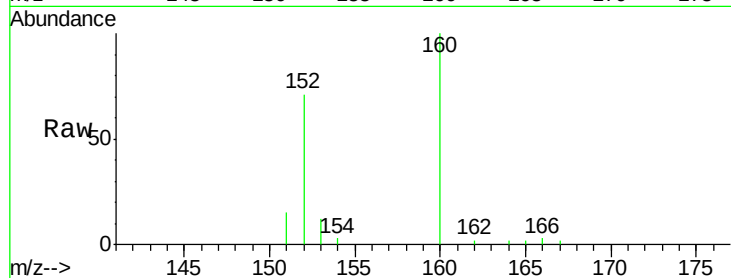
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Tgt Ion:	152	Resp:	4946
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	16.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.173 ng/ul

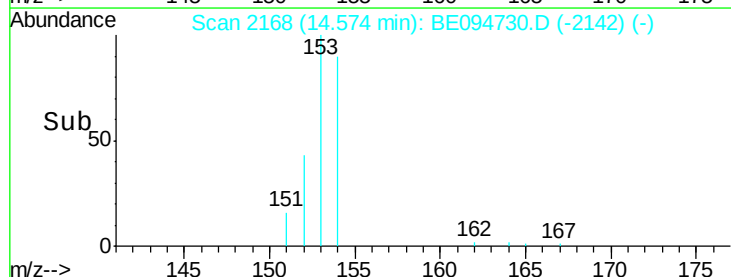
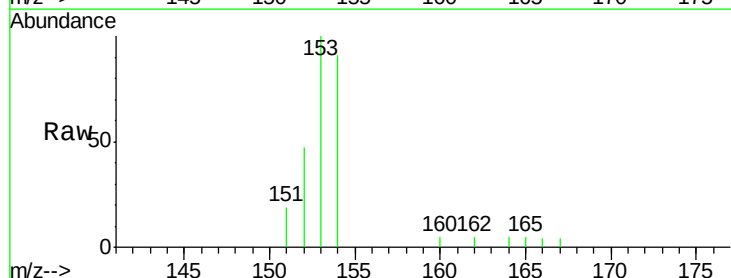
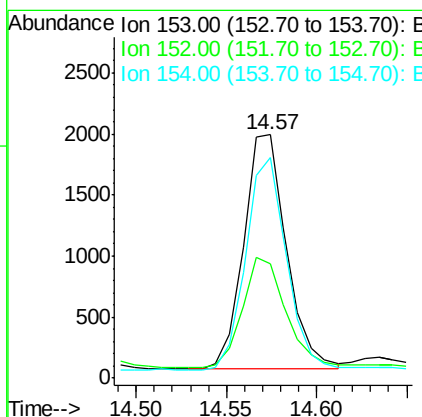
RT: 14.57 min Scan# 2168

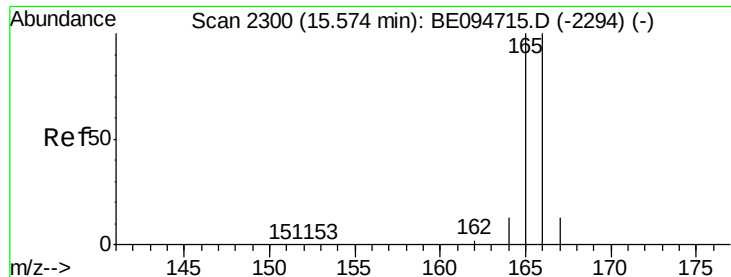
Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Tgt Ion:	153	Resp:	3187
Ion Ratio	Lower	Upper	
153	100		
152	46.7	36.0	54.0
154	90.7	72.0	108.0





#9

Fluorene

Concen: 0.179 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Instrument :

BNA_E

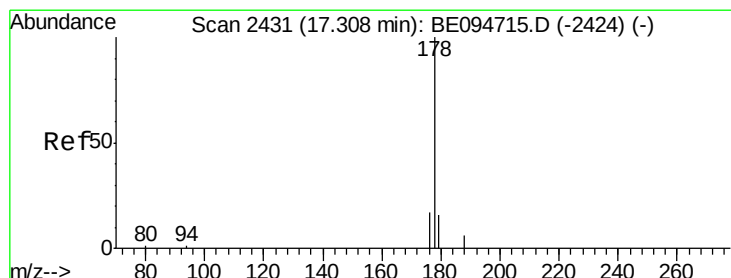
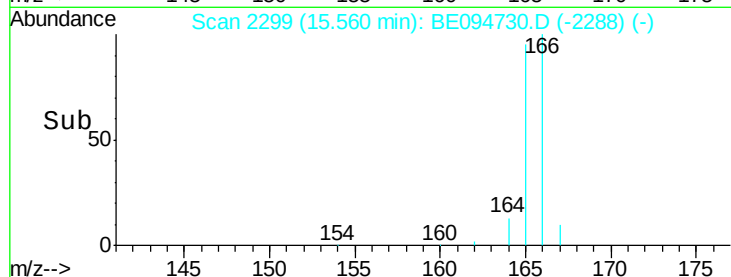
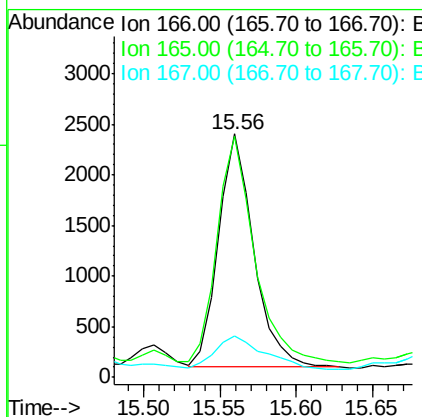
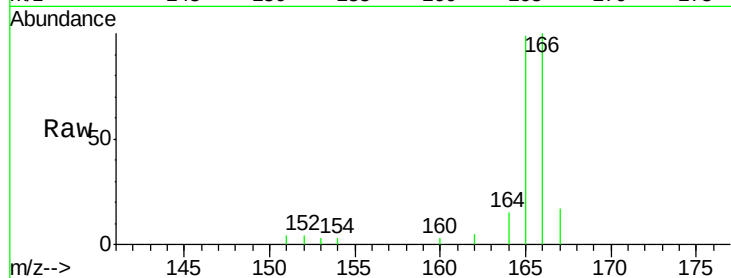
ClientSampleId :

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Tgt Ion:	166	Resp:	3700
Ion Ratio	Lower	Upper	
166	100		
165	99.1	73.4	110.2
167	16.9	14.6	22.0

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#12

Phenanthrene

Concen: 3.472 ng/ul

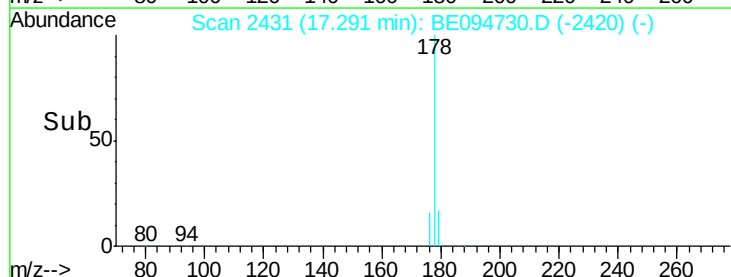
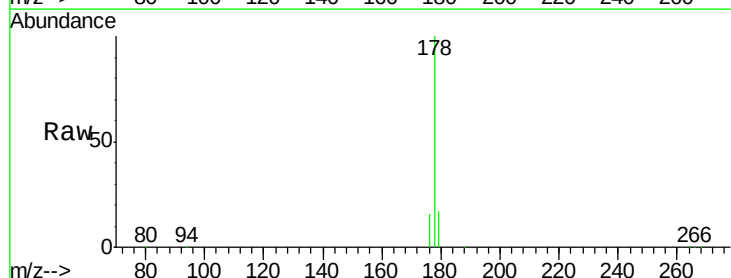
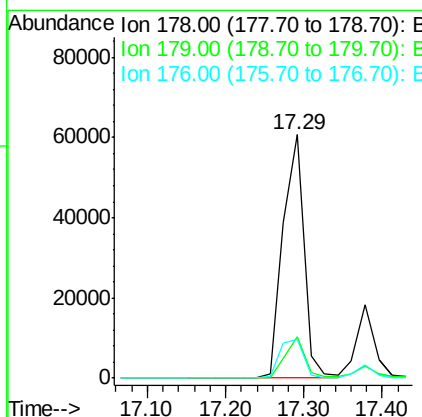
RT: 17.29 min Scan# 2431

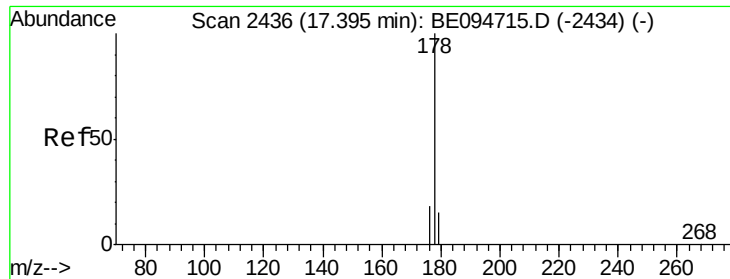
Delta R.T. -0.02 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Tgt Ion:	178	Resp:	110970
Ion Ratio	Lower	Upper	
178	100		
179	17.2	18.4	27.6#
176	15.9	13.6	20.4





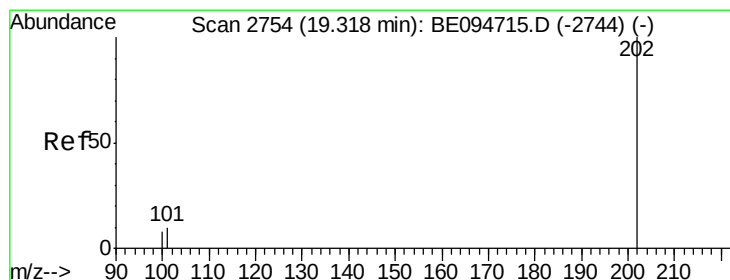
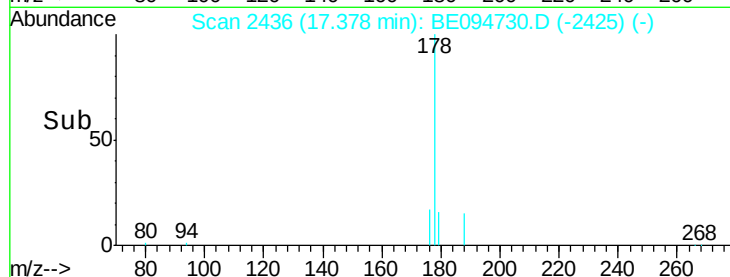
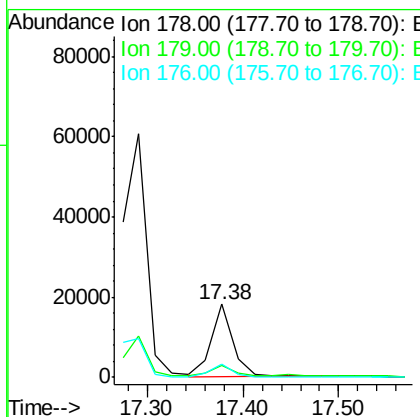
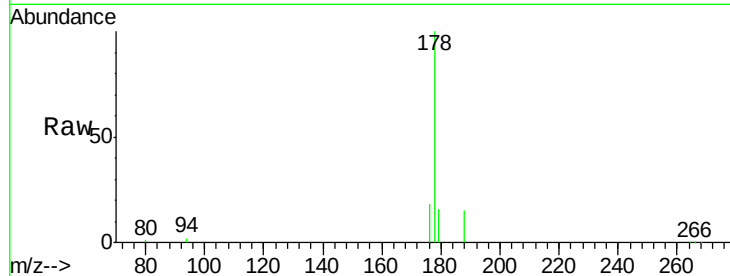
#13
 Anthracene
 Concen: 0.907 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094730.D
 Acq: 4 Nov 2017 4:37

Instrument :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	17.8	14.7	22.1

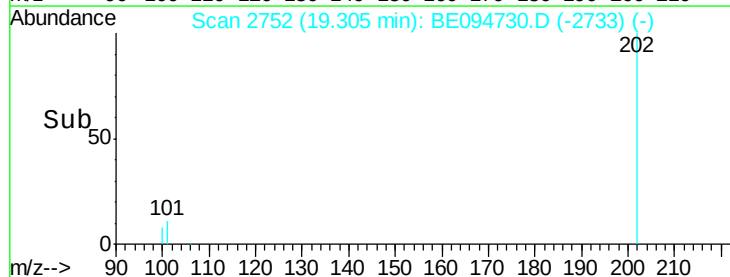
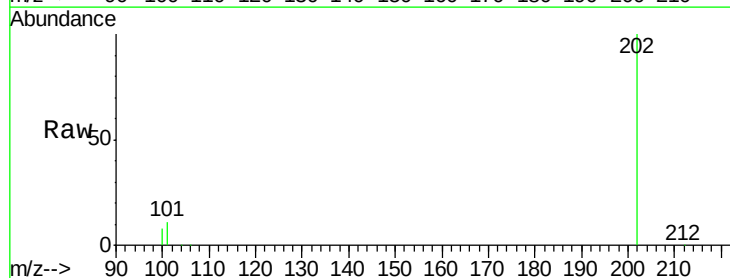
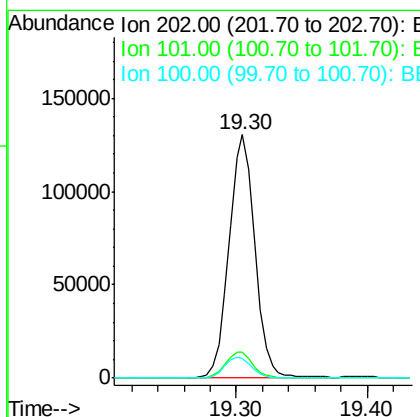
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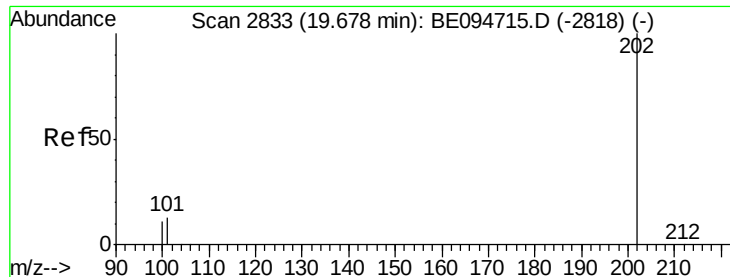
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#15
 Fluoranthene
 Concen: 4.825 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094730.D
 Acq: 4 Nov 2017 4:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.3	0.0	39.5





#17

Pyrene

Concen: 4.205 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Instrument :

BNA_E

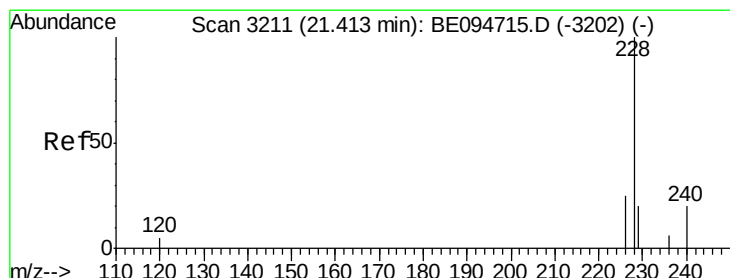
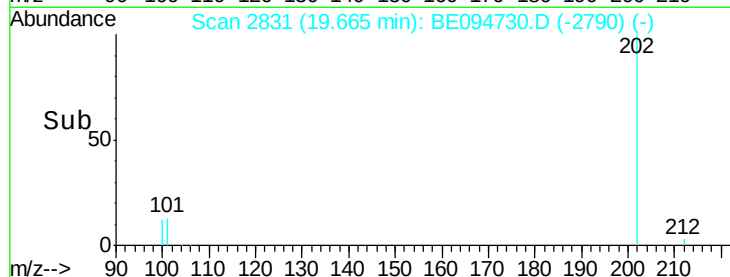
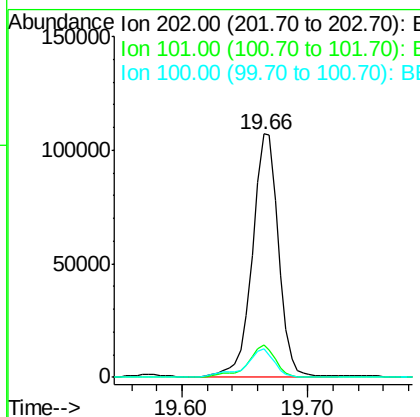
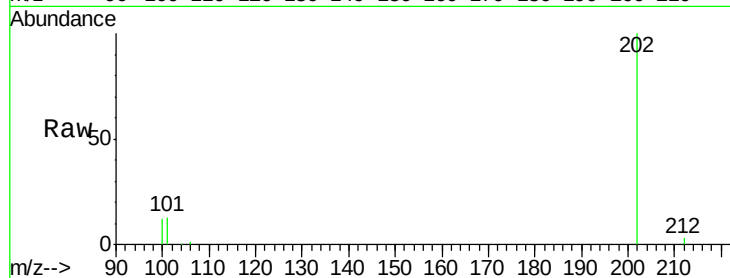
ClientSampleId :

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Tgt Ion:	202	Resp:	153710
Ion Ratio	Lower	Upper	
202	100		
101	13.4	18.2	27.4#
100	11.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.498 ng/ul

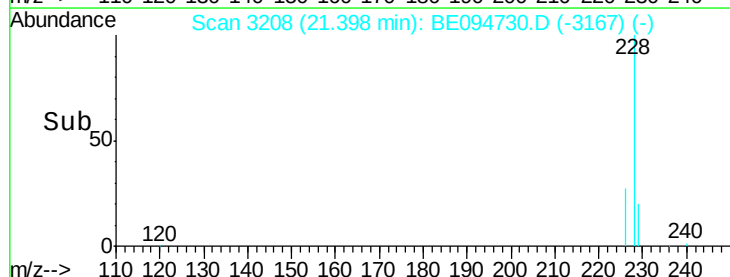
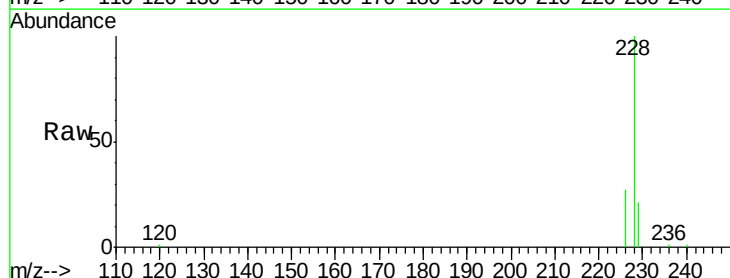
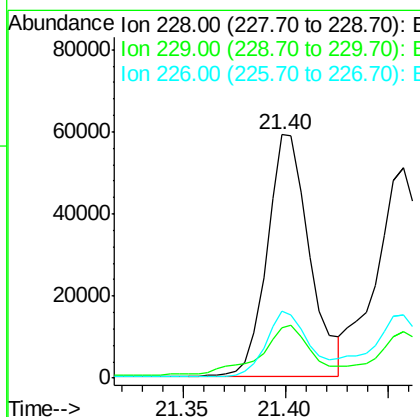
RT: 21.40 min Scan# 3208

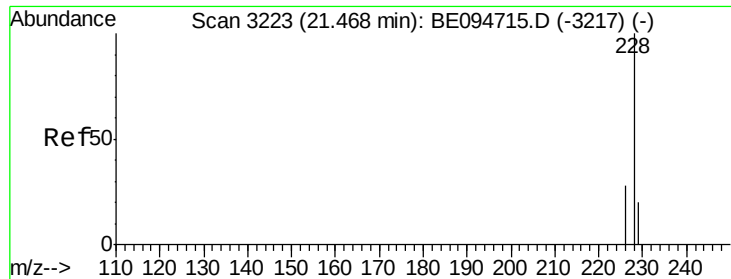
Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Tgt Ion:	228	Resp:	84452
Ion Ratio	Lower	Upper	
228	100		
229	20.7	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 2.302 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Instrument :

BNA_E

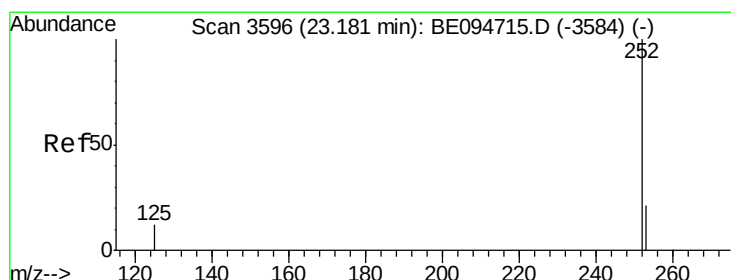
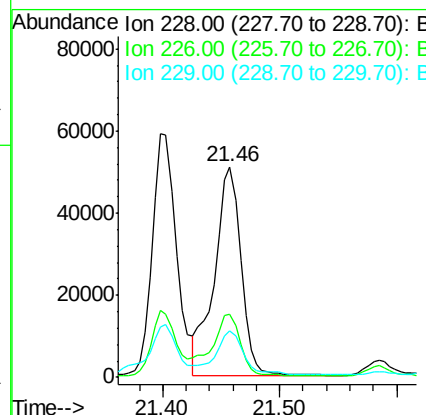
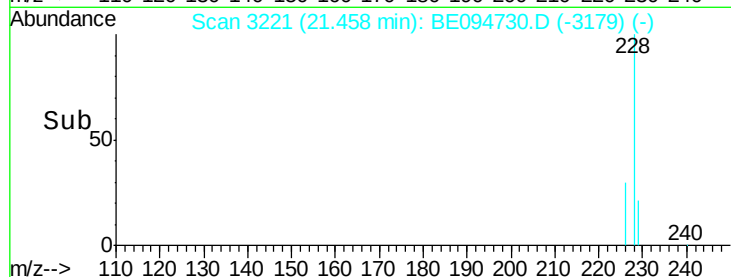
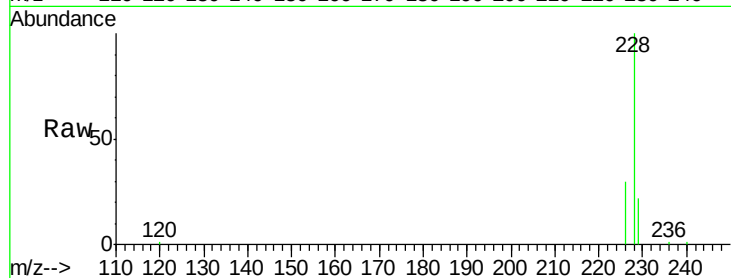
ClientSampleId :

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Tgt Ion:	228	Resp:	80425
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.649 ng/ul m

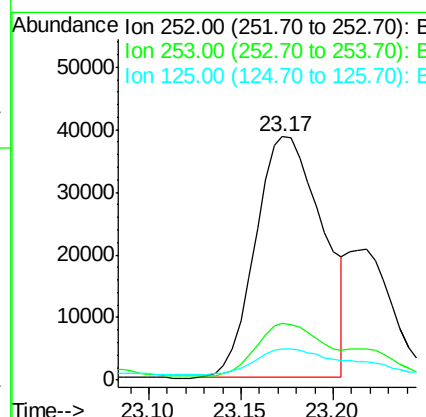
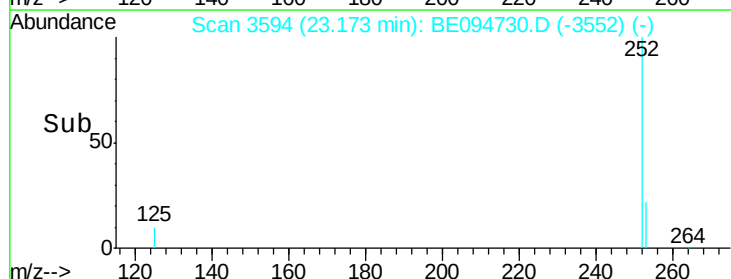
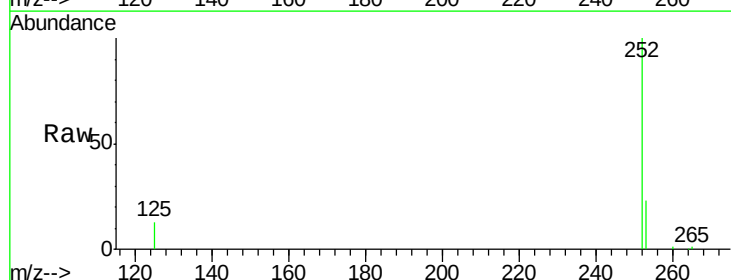
RT: 23.17 min Scan# 3594

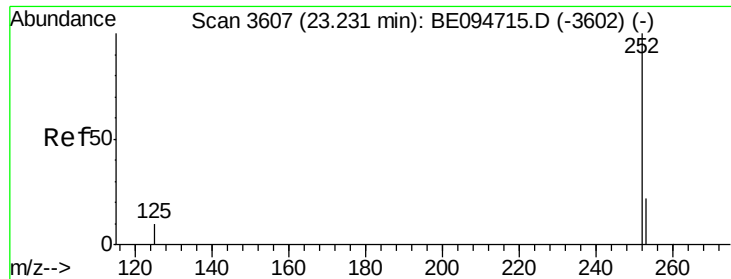
Delta R.T. -0.01 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Tgt Ion:	252	Resp:	97925
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	12.5	0.0	35.0





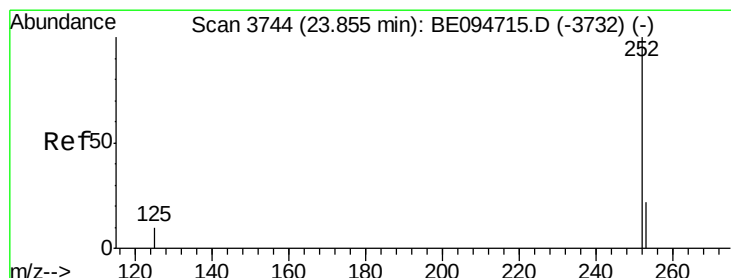
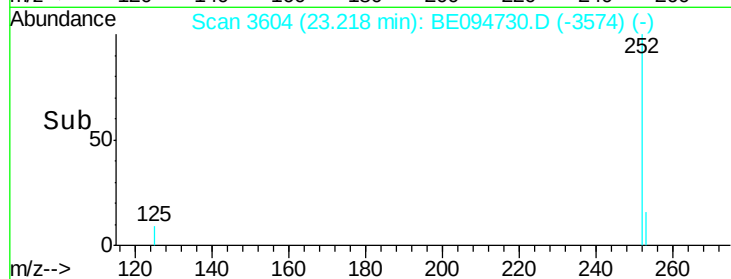
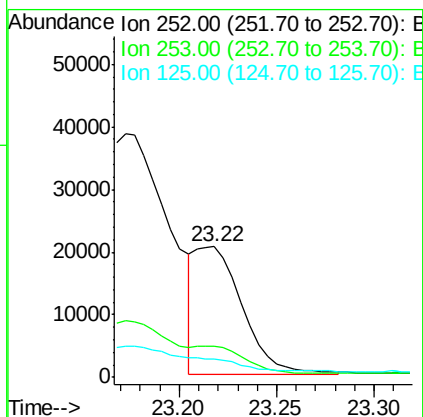
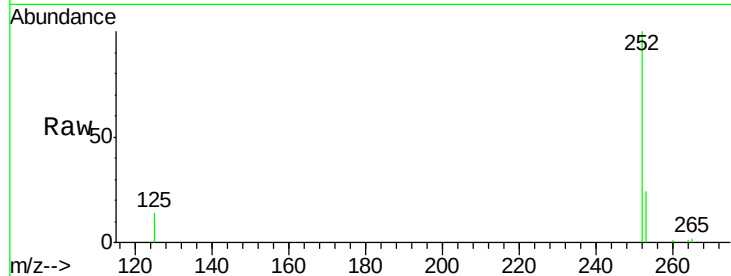
#22
Benzo(k)fluoranthene
Concen: 0.892 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094730.D
Acq: 4 Nov 2017 4:37

Instrument :
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B-31(5-5.5)-101817

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	14.2	13.7	20.5

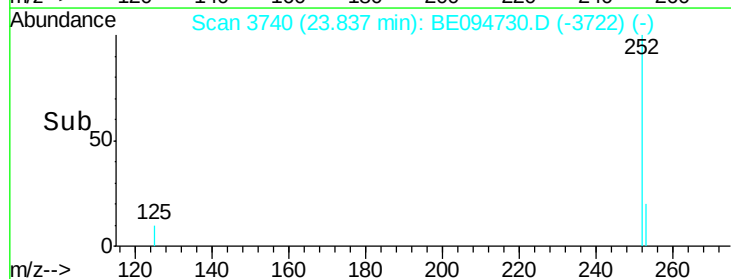
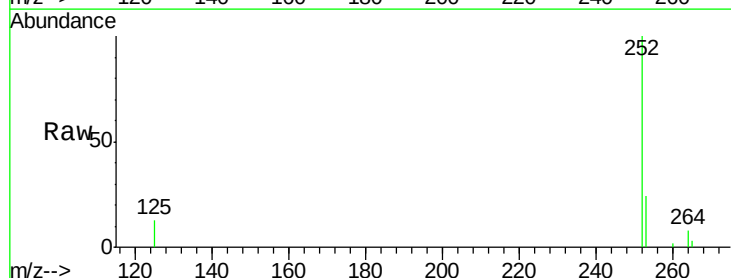
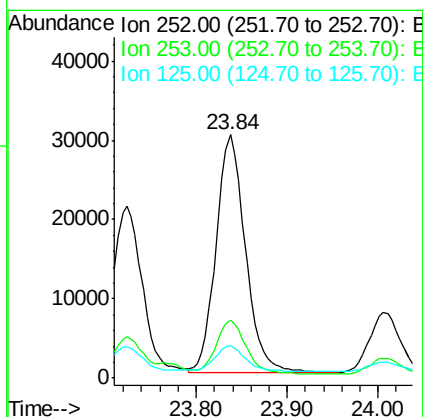
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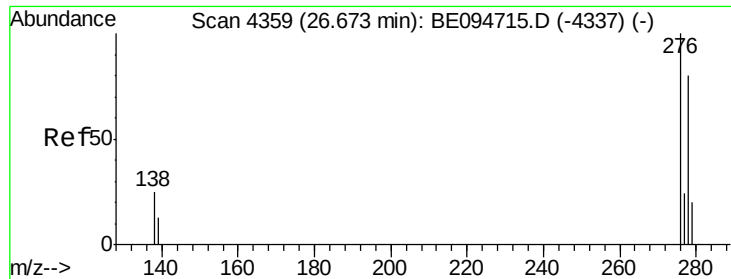
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#23
Benzo(a)pyrene
Concen: 1.820 ng/ul
RT: 23.84 min Scan# 3740
Delta R.T. -0.02 min
Lab File: BE094730.D
Acq: 4 Nov 2017 4:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	13.5	18.1	27.1#





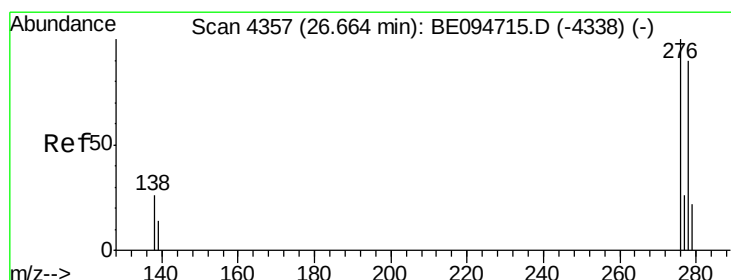
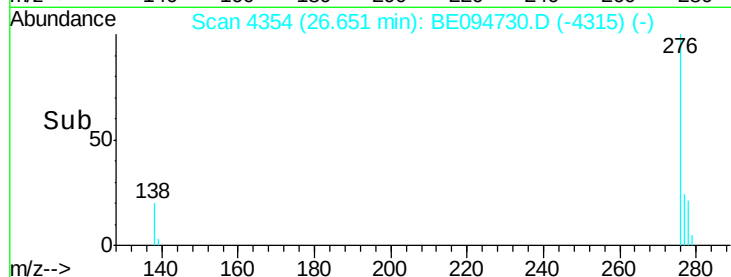
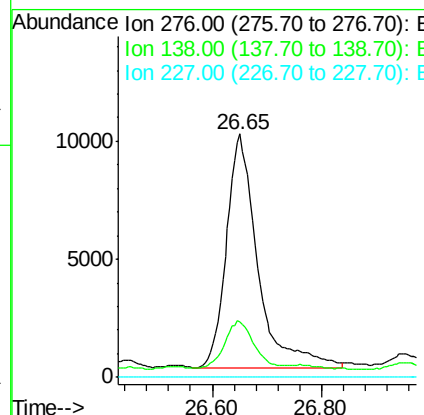
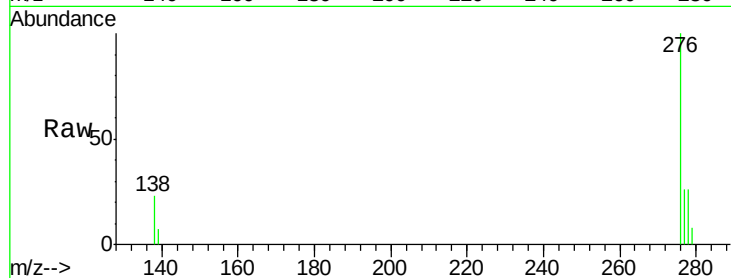
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.030 ng/ul
 RT: 26.65 min Scan# 4354
 Delta R.T. -0.02 min
 Lab File: BE094730.D
 Acq: 4 Nov 2017 4:37

Instrument :
 BNA_E
 ClientSampleId :
 B-31(5-5.5)-101817

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

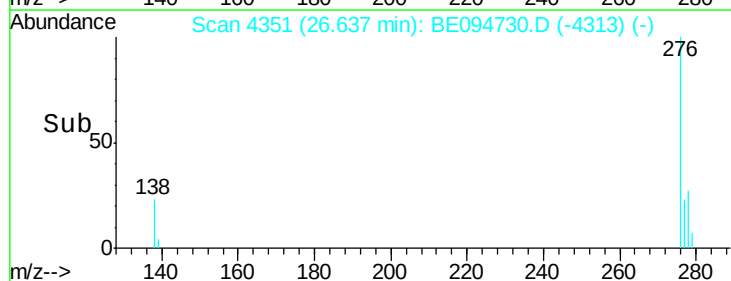
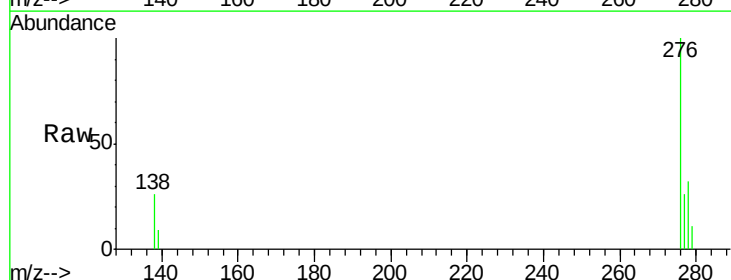
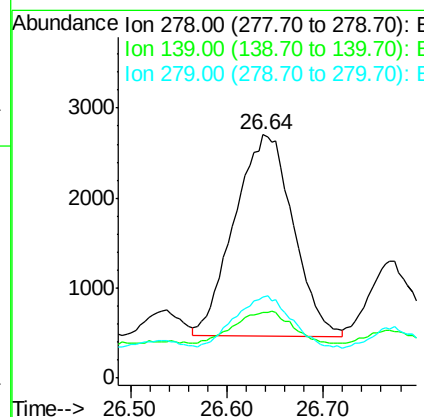
Manual Integrations
 APPROVED

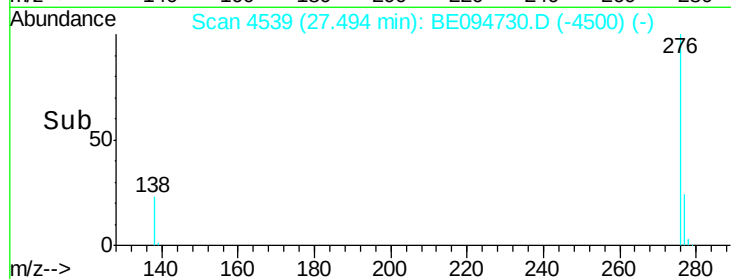
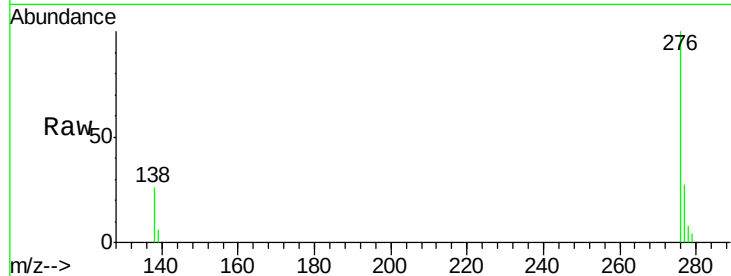
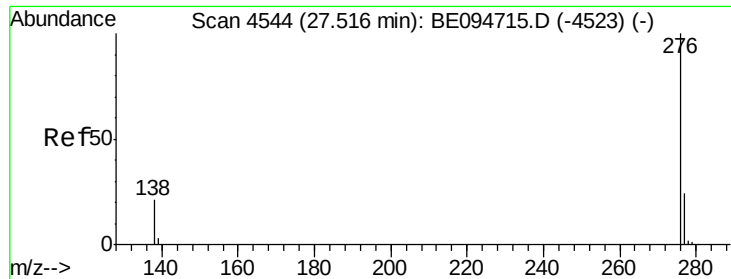
Sohil
 11/4/2017 2:17:06 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.295 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.03 min
 Lab File: BE094730.D
 Acq: 4 Nov 2017 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	27.0	17.4	26.0#
279	33.1	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 0.998 ng/ul

RT: 27.49 min Scan# 4539

Delta R.T. -0.02 min

Lab File: BE094730.D

Acq: 4 Nov 2017 4:37

Instrument :

BNA_E

ClientSampleId :

B-31(5-5.5)-101817

Tgt Ion:	276	Resp:	30629
Ion Ratio	Lower	Upper	
276	100		
138	26.0	21.8	32.8
277	26.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/4/2017 2:17:06 PM

