

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094574.D
 Acq On : 26 Oct 2017 22:20
 Operator : SJ/JU
 Sample : I5873-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-13(0-1) 101117

Manual Integrations
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 10/27/2017 5:35:43 PM

Quant Time: Oct 27 09:04:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1228	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7216	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4271	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9473	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9463	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9602	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	610	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1496	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2739	0.155	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	1455	0.118	ng/ul	95
7) Acenaphthylene	14.23	152	1363	0.071	ng/ul#	85
8) Acenaphthene	14.57	153	2758	0.199	ng/ul	94
9) Fluorene	15.57	166	2645	0.170	ng/ul	95
12) Phenanthrene	17.29	178	63423	2.535	ng/ul#	92
13) Anthracene	17.38	178	12899	0.522	ng/ul#	93
15) Fluoranthene	19.31	202	104562	3.615	ng/ul	83
17) Pyrene	19.67	202	88450	3.023	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	46496	1.719	ng/ul#	88
19) Chrysene	21.46	228	46968	1.680	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	57763m	2.139	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	16688m	0.577	ng/ul	
23) Benzo(a)pyrene	23.84	252	35652	1.320	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.64	276	23839	0.853	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.63	278	6183	0.263	ng/ul#	73
26) Benzo(g,h,i)perylene	27.48	276	17469	0.779	ng/ul	94

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

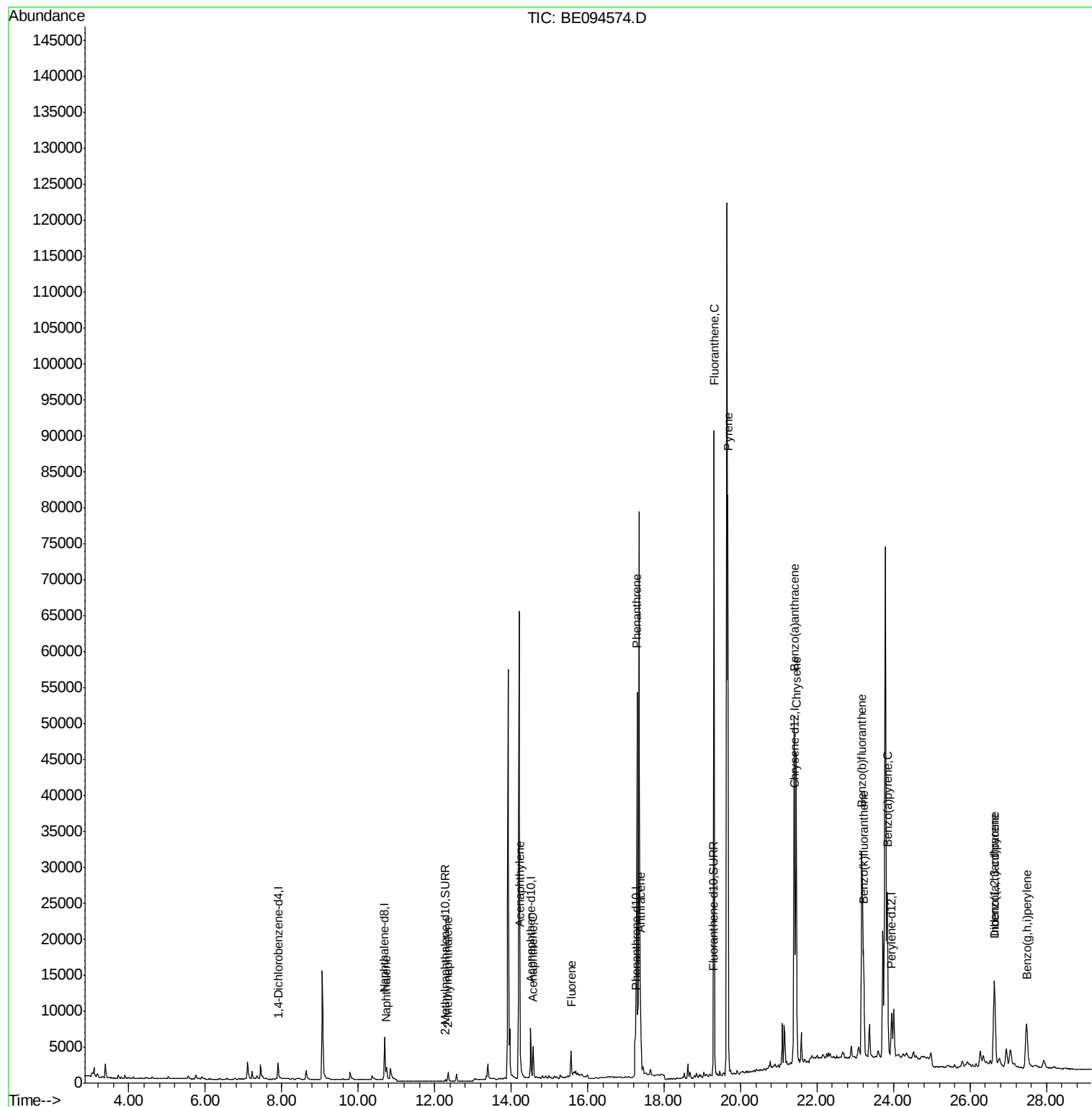
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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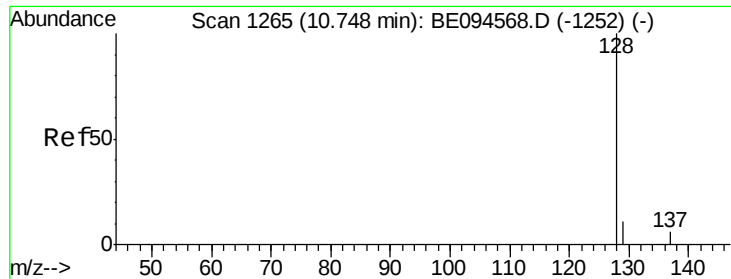
Instrument :
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B-13(0-1)_101117

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#3

Naphthalene

Concen: 0.155 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Instrument :

BNA_E

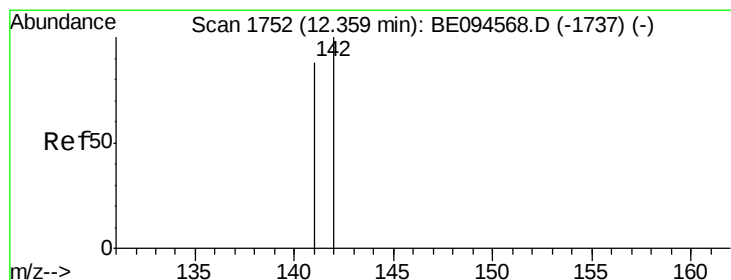
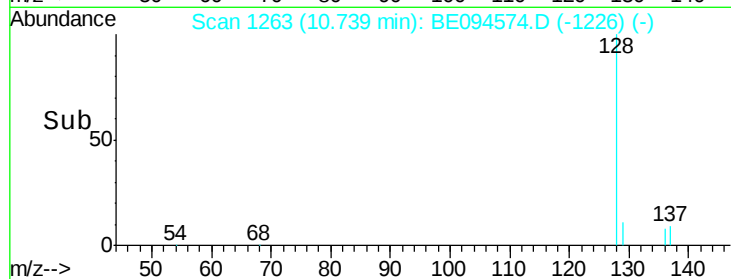
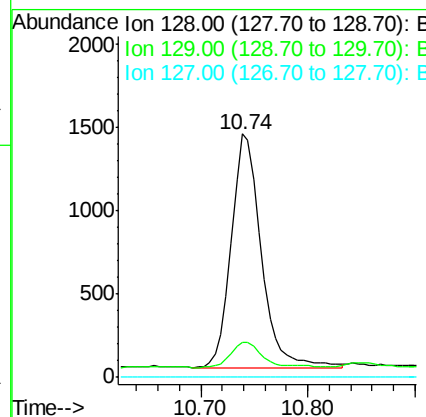
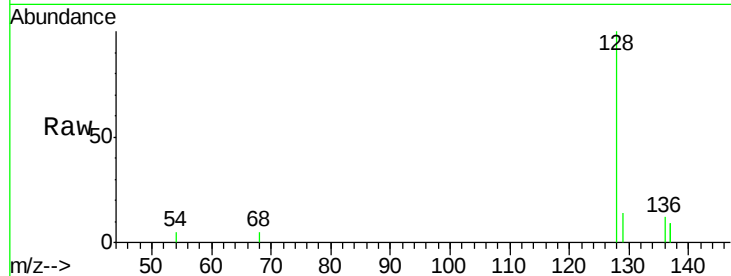
ClientSampleId :

B-13(0-1) 101117

Tgt Ion:	128	Resp:	2739
Ion Ratio	Lower	Upper	
128	100		
129	14.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.118 ng/ul

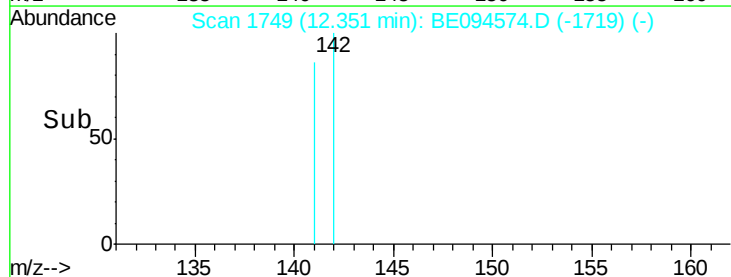
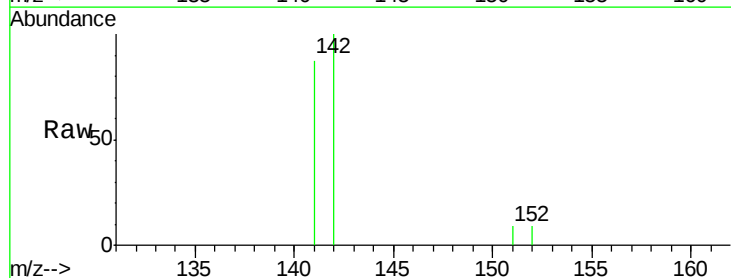
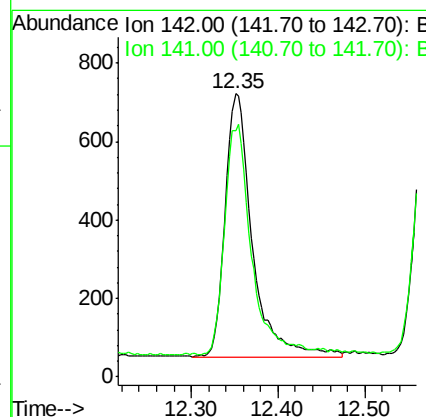
RT: 12.35 min Scan# 1749

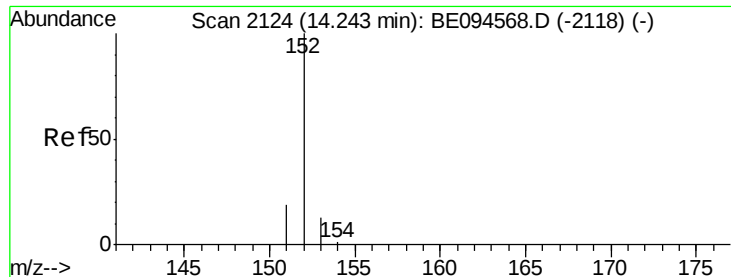
Delta R.T. -0.01 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Tgt Ion:	142	Resp:	1455
Ion Ratio	Lower	Upper	
142	100		
141	85.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Instrument :

BNA_E

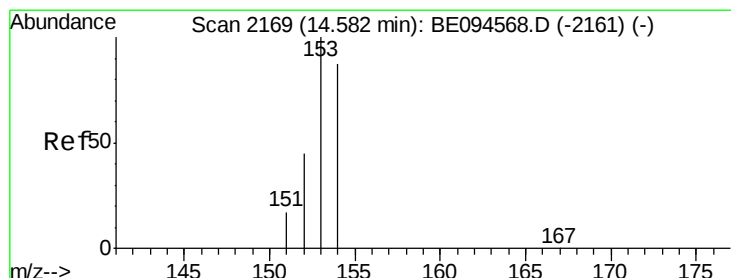
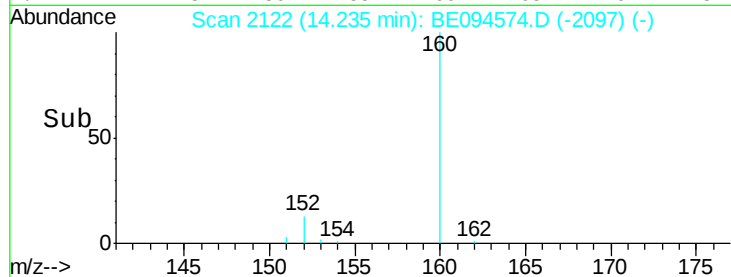
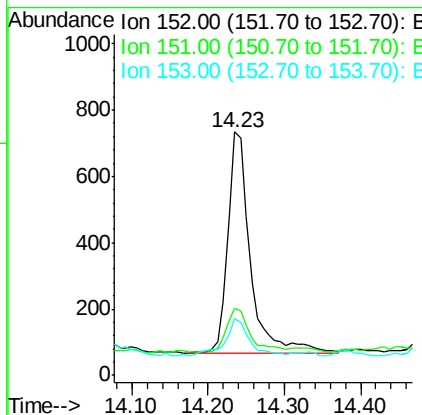
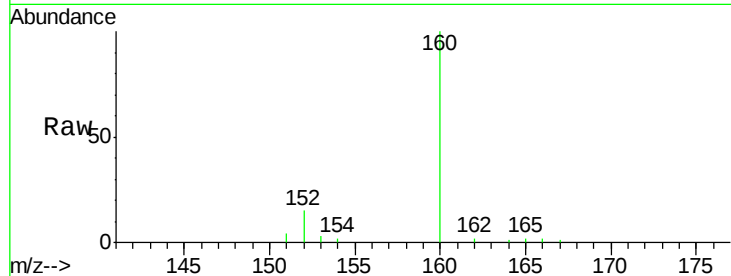
ClientSampleId :

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Tgt Ion:	152	Resp:	1363
Ion Ratio	Lower	Upper	
152	100		
151	27.5	17.1	25.7#
153	23.2	12.8	19.2#

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#8

Acenaphthene

Concen: 0.199 ng/ul

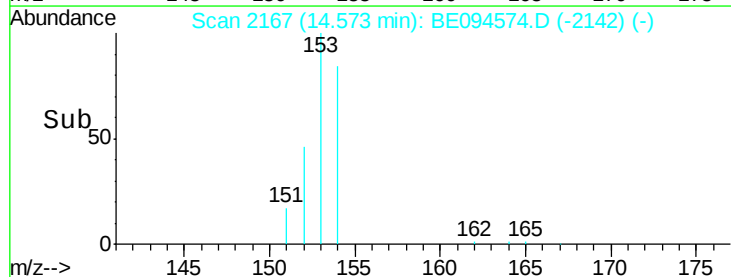
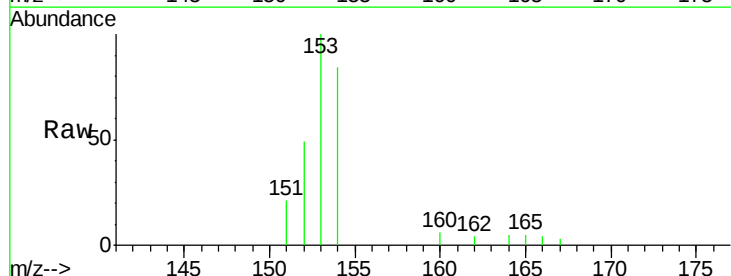
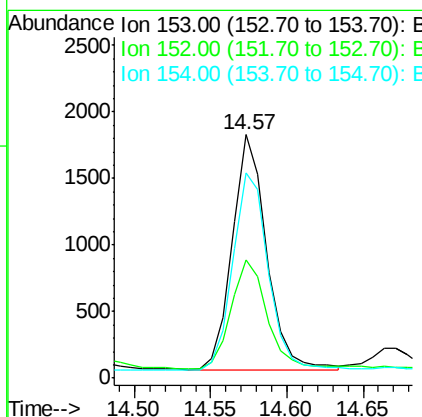
RT: 14.57 min Scan# 2167

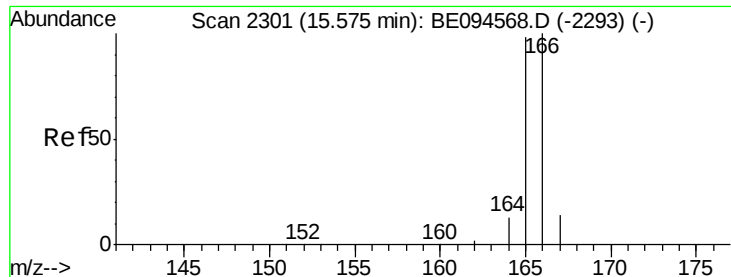
Delta R.T. -0.01 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Tgt Ion:	153	Resp:	2758
Ion Ratio	Lower	Upper	
153	100		
152	48.7	36.0	54.0
154	84.2	72.0	108.0





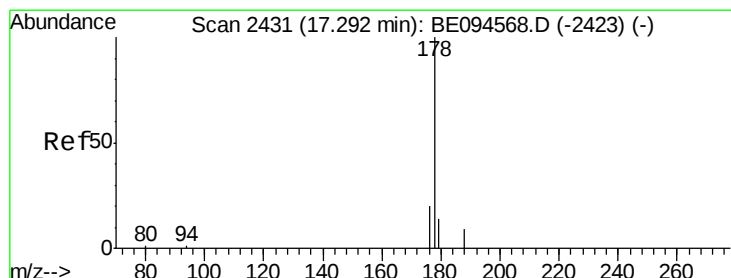
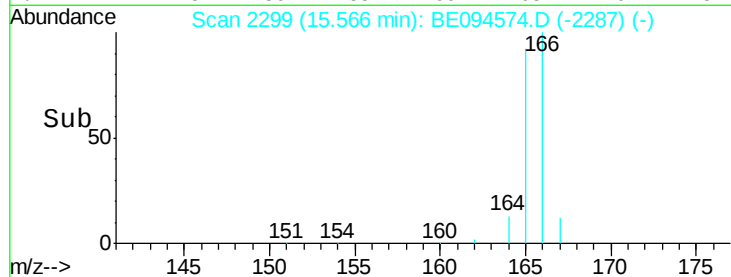
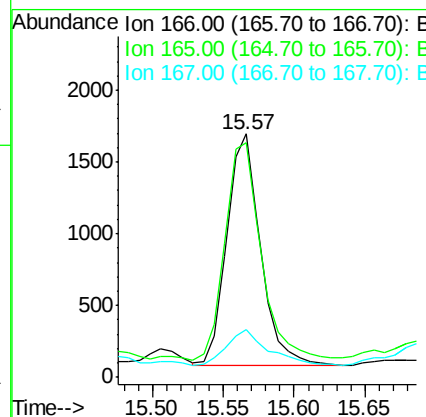
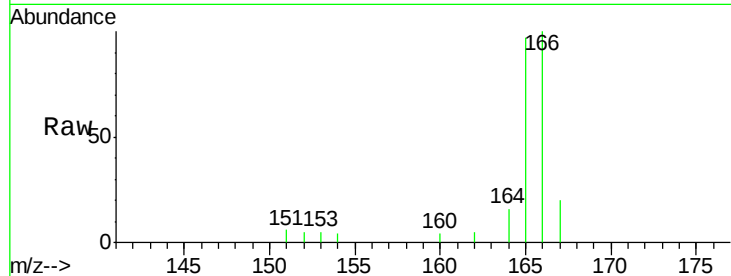
#9
Fluorene
 Concen: 0.170 ng/ul
 RT: 15.57 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094574.D
 Acq: 26 Oct 2017 22:20

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	73.4	110.2
167	19.6	14.6	22.0

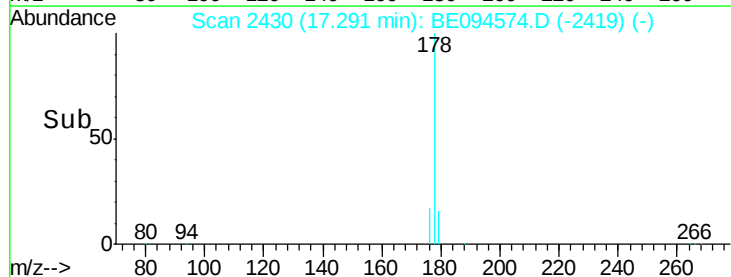
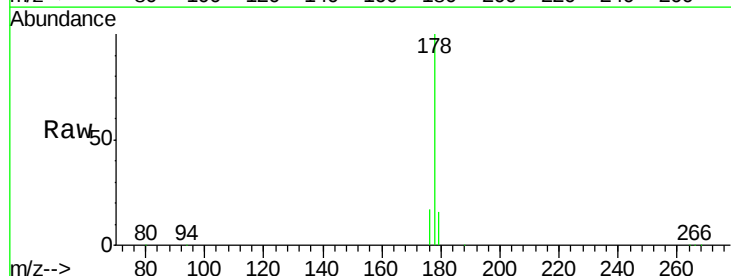
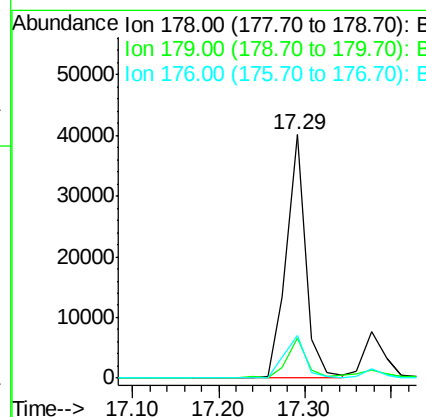
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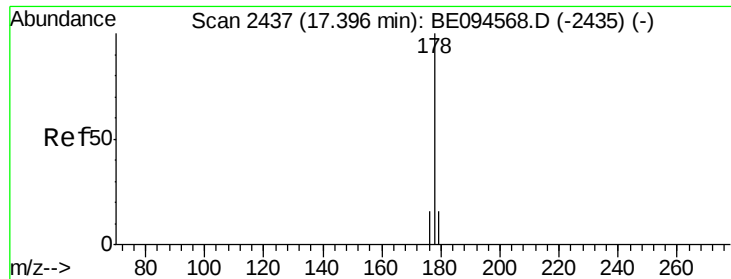
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#12
Phenanthrene
 Concen: 2.535 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094574.D
 Acq: 26 Oct 2017 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	17.3	13.6	20.4





#13

Anthracene

Concen: 0.522 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Instrument :

BNA_E

ClientSampleId :

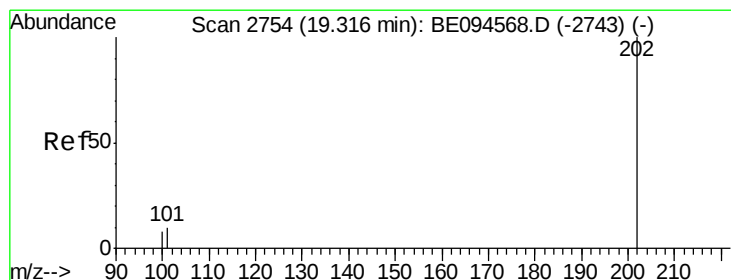
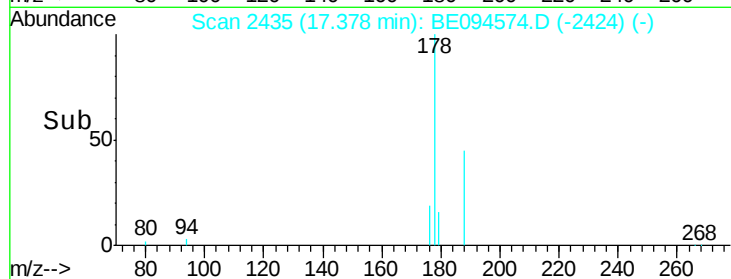
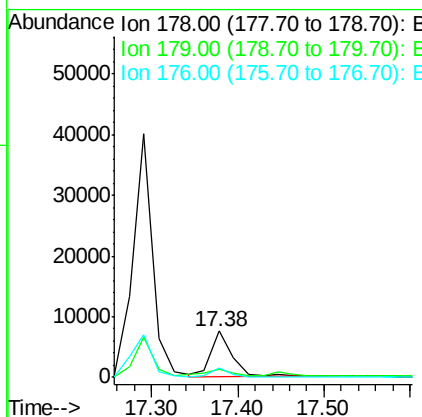
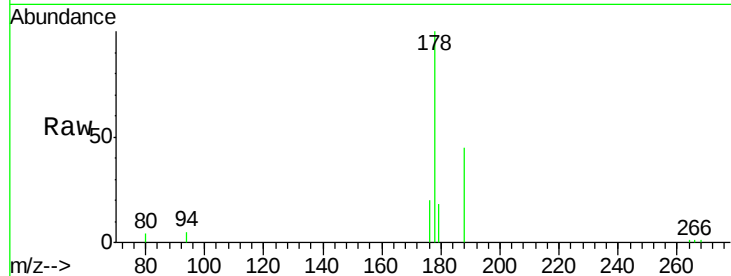
B-13(0-1) 101117

Tgt Ion:178 Resp: 12899

Ion	Ratio	Lower	Upper
178	100		
179	17.7	18.1	27.1#
176	19.6	14.7	22.1

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#15

Fluoranthene

Concen: 3.615 ng/ul

RT: 19.31 min Scan# 2752

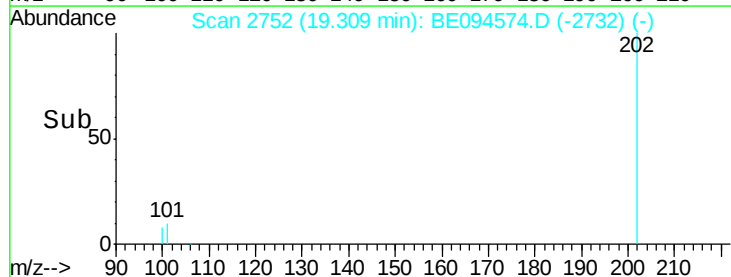
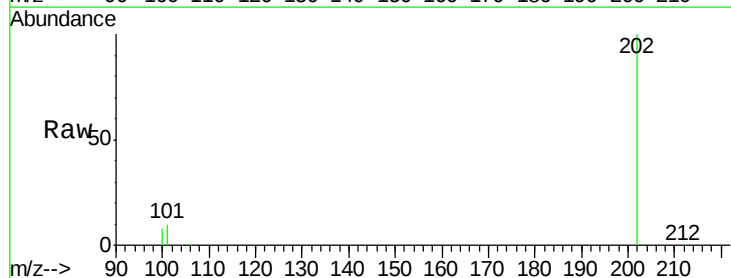
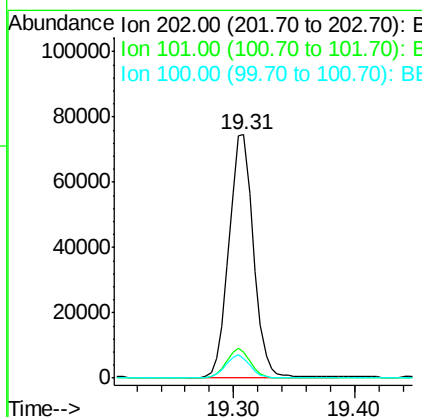
Delta R.T. -0.01 min

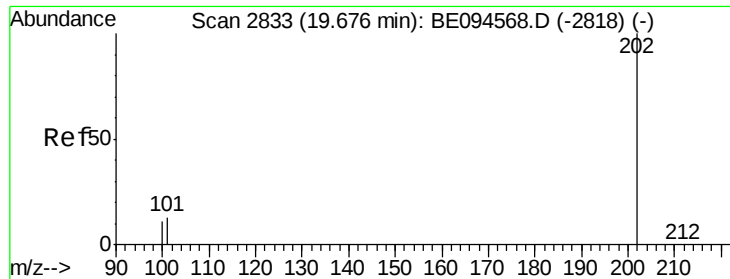
Lab File: BE094574.D

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Tgt Ion:202 Resp: 104562

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.0	0.0	39.5





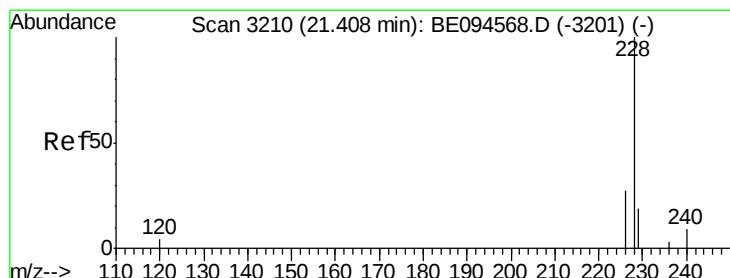
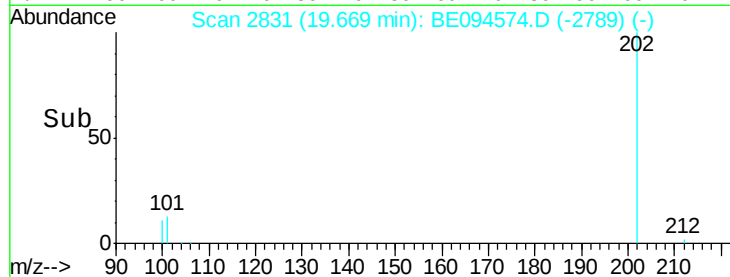
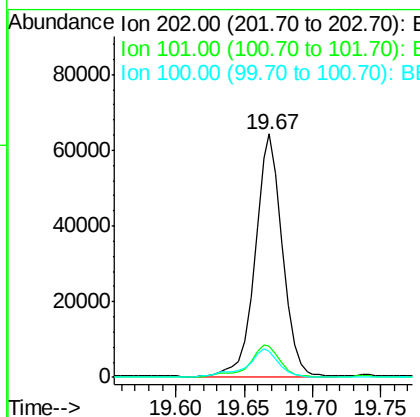
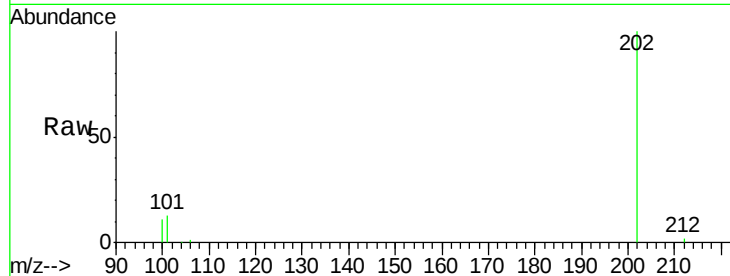
#17
Pyrene
 Concen: 3.023 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094574.D
 Acq: 26 Oct 2017 22:20

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	18.2	27.4#
100	10.9	15.6	23.4#

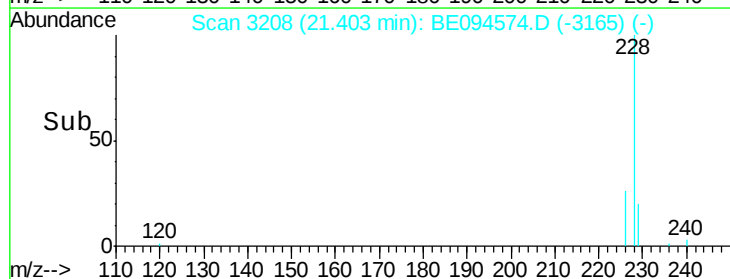
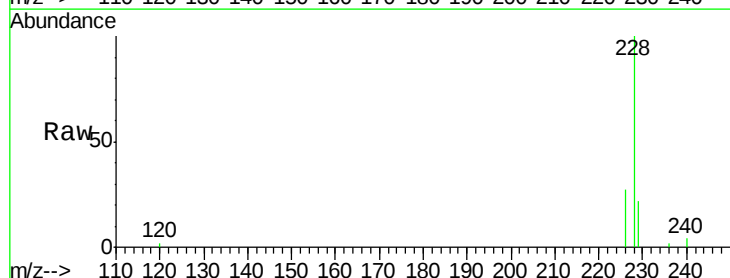
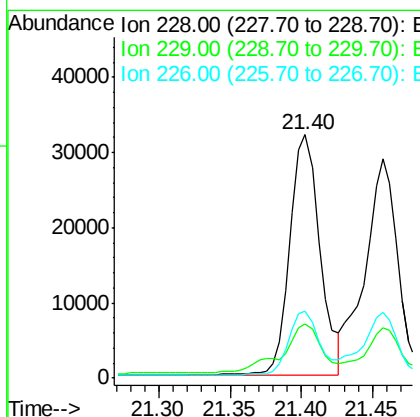
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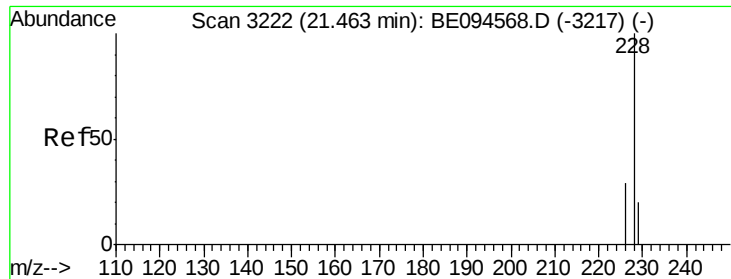
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#18
Benzo(a)anthracene
 Concen: 1.719 ng/ul
 RT: 21.40 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BE094574.D
 Acq: 26 Oct 2017 22:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	22.8	34.2#
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 1.680 ng/ul

RT: 21.46 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Instrument :

BNA_E

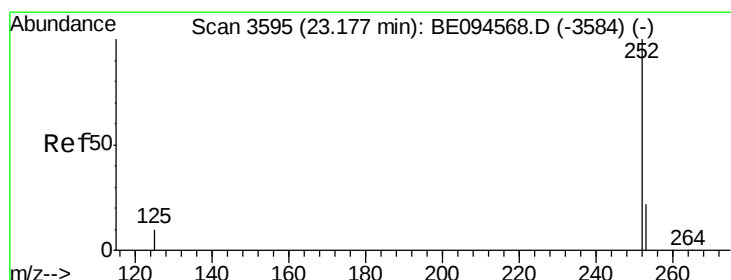
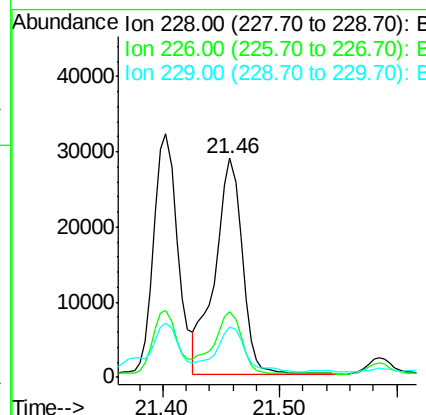
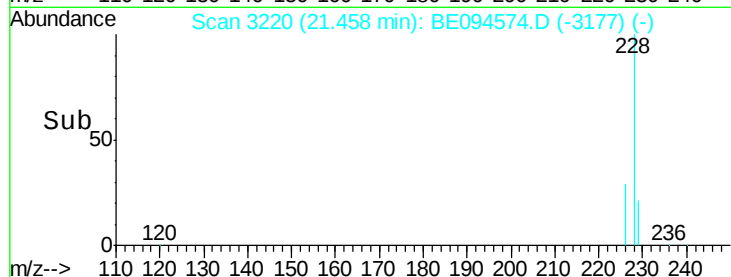
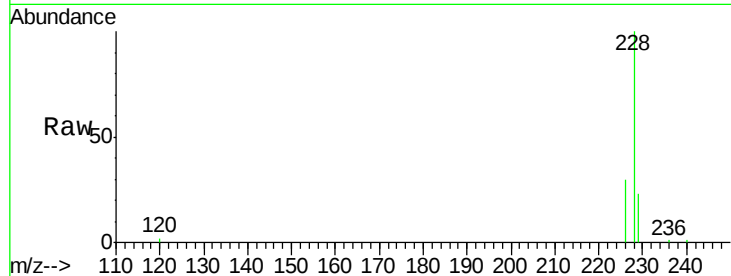
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Tgt Ion:	228	Resp:	46968
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	23.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.139 ng/ul m

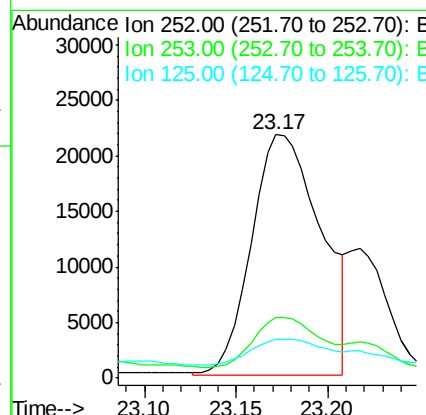
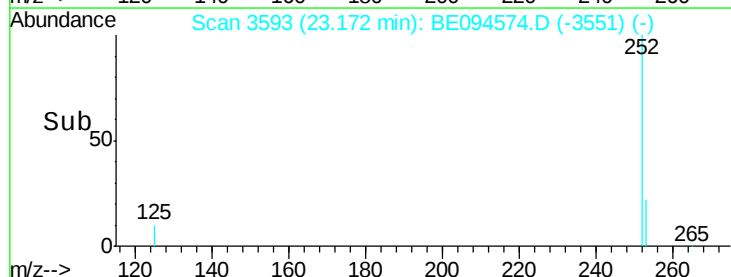
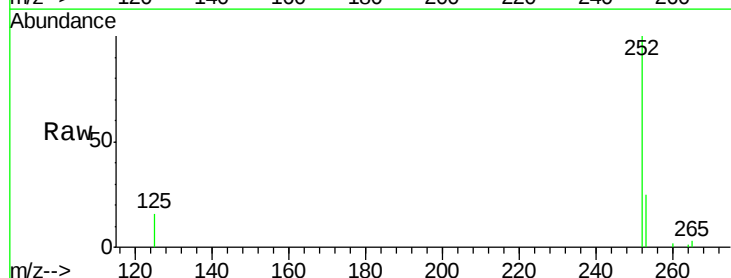
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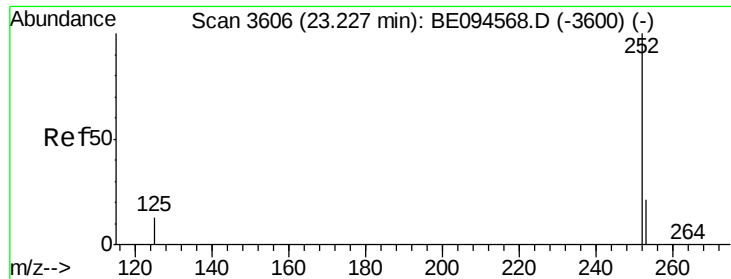
Delta R.T. -0.01 min

Lab File: BE094574.D

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Tgt Ion:	252	Resp:	57763
Ion Ratio	Lower	Upper	
252	100		
253	24.8	0.0	64.2
125	15.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.577 ng/ul m

RT: 23.22 min Scan# 3603

Delta R.T. -0.01 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Instrument :

BNA_E

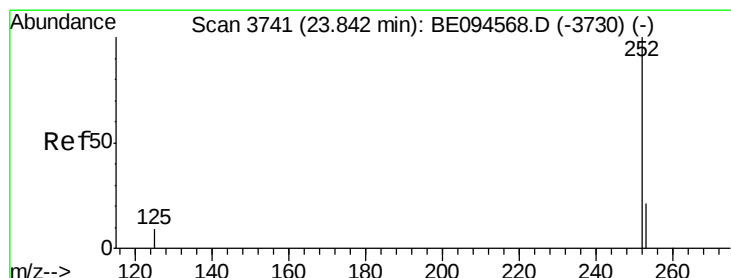
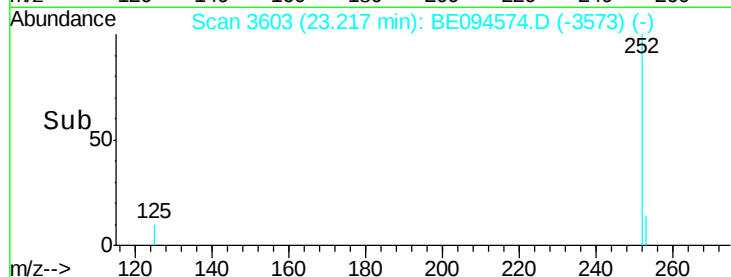
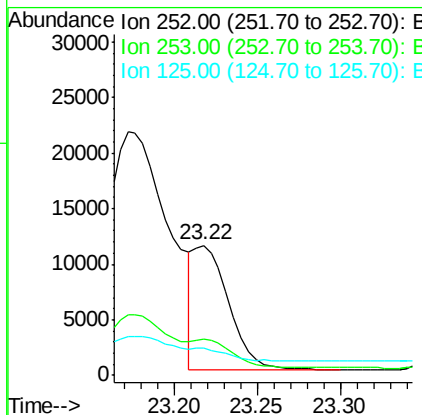
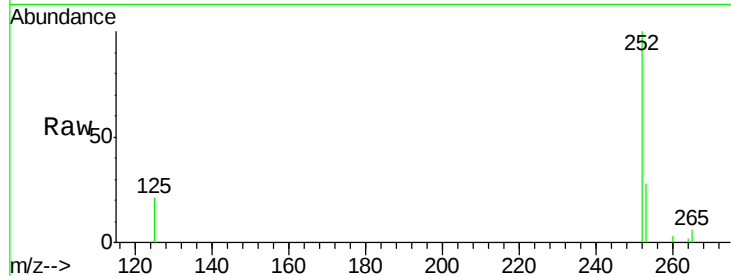
ClientSampleId :

B-13(0-1) 101117

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.5	36.7
125	20.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.320 ng/ul

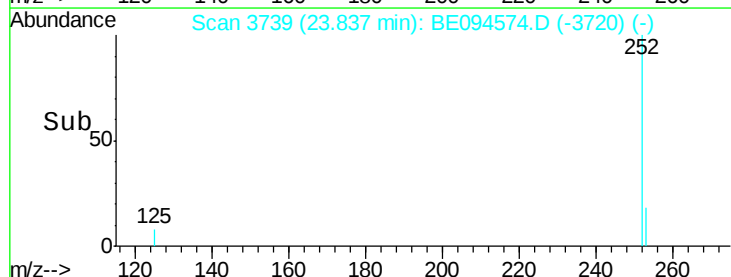
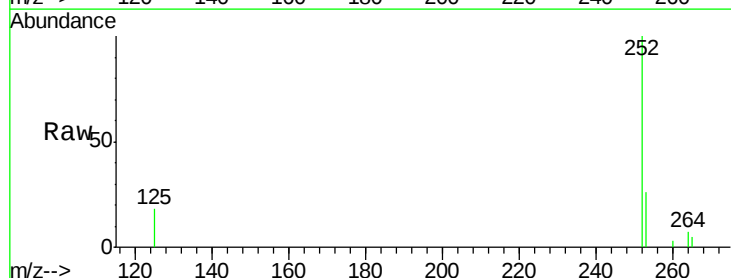
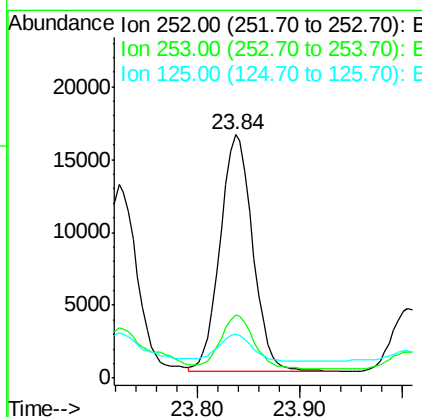
RT: 23.84 min Scan# 3739

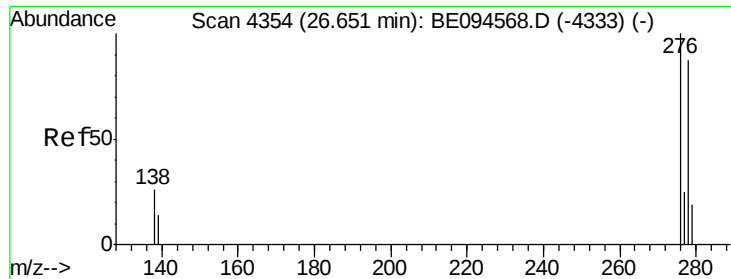
Delta R.T. -0.01 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	28.5	42.7#
125	17.9	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.853 ng/ul

RT: 26.64 min Scan# 4351

Delta R.T. -0.01 min

Lab File: BE094574.D

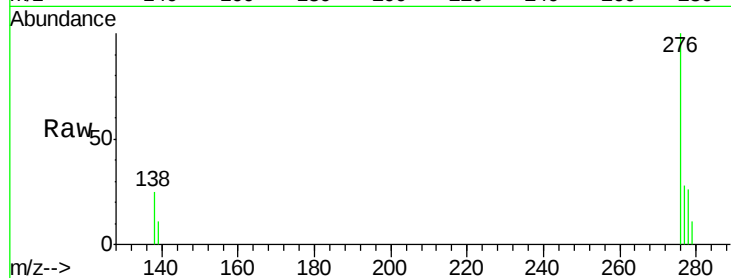
Acq: 26 Oct 2017 22:20

Instrument :

BNA_E

ClientSampleId :

B-13(0-1) 101117



Tgt Ion: 276 Resp: 23839

Ion Ratio Lower Upper

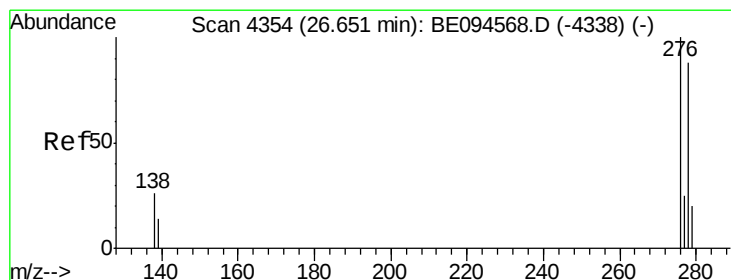
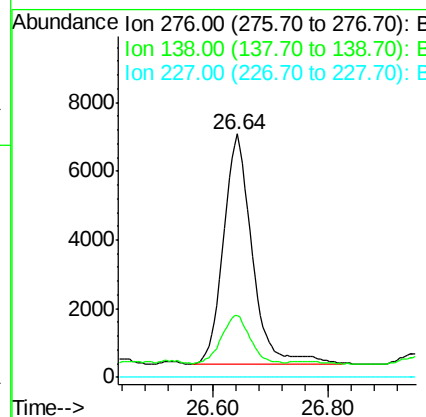
276 100

138 20.7 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:43 PM



#25

Dibenzo(a,h)anthracene

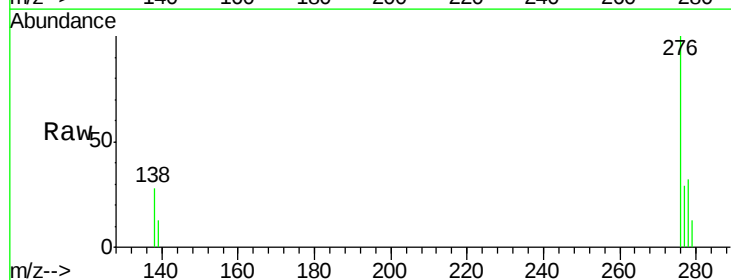
Concen: 0.263 ng/ul

RT: 26.63 min Scan# 4348

Delta R.T. -0.03 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20



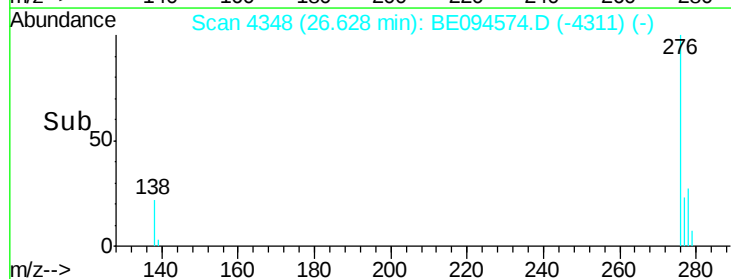
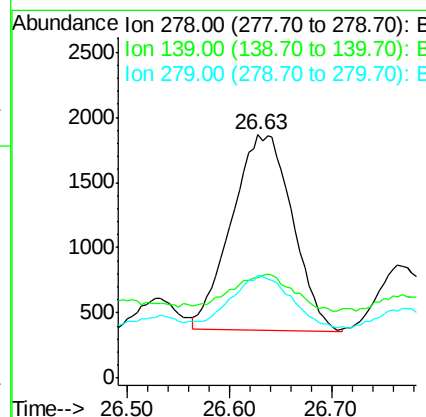
Tgt Ion: 278 Resp: 6183

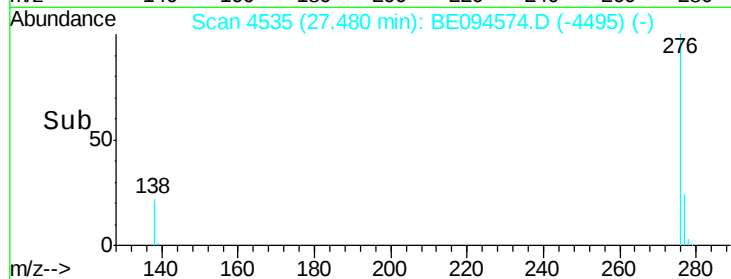
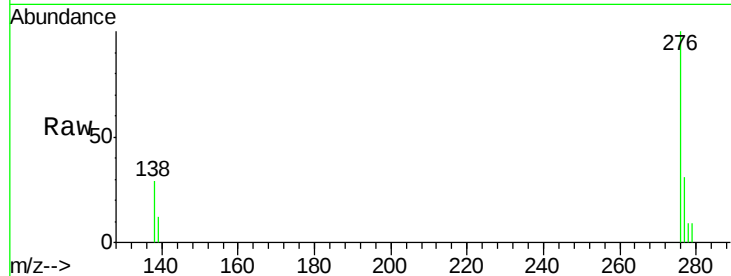
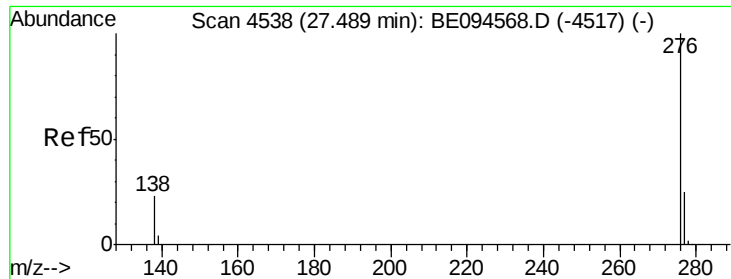
Ion Ratio Lower Upper

278 100

139 41.2 17.4 26.0#

279 42.0 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.779 ng/u1

RT: 27.48 min Scan# 4535

Delta R.T. -0.02 min

Lab File: BE094574.D

Acq: 26 Oct 2017 22:20

Instrument :

BNA_E

ClientSampleId :

B-13(0-1)_101117

Tgt Ion:	276	Resp:	17469
Ion Ratio	Lower	Upper	
276	100		
138	28.9	21.8	32.8
277	30.5	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:43 PM

