

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094594.D
 Acq On : 27 Oct 2017 14:00
 Operator : SJ/JU
 Sample : I5719-12 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-24(1.5-3.5)-100517

Manual Integrations
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 10/27/2017 5:36:12 PM

Quant Time: Oct 27 14:55:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	7.91	152	1788	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10034	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5910	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12401	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	12232	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	12466	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	962	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2046	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	87923	3.584	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	31580	1.840	ng/ul	98
7) Acenaphthylene	14.24	152	4269	0.160	ng/ul#	76
8) Acenaphthene	14.58	153	52416	2.729	ng/ul	98
9) Fluorene	15.57	166	76077	3.527	ng/ul#	92
12) Phenanthrene	17.31	178	1172443	35.794	ng/ul#	92
13) Anthracene	17.40	178	326451	10.099	ng/ul#	91
15) Fluoranthene	19.32	202	1536630	40.578	ng/ul	84
17) Pyrene	19.69	202	1419775	37.546	ng/ul#	79
18) Benzo(a)anthracene	21.42	228	741059	21.192	ng/ul#	87
19) Chrysene	21.47	228	674508	18.662	ng/ul	99
21) Benzo(b)fluoranthene	23.20	252	807376m	23.024	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	297587m	7.919	ng/ul	
23) Benzo(a)pyrene	23.86	252	590997	16.861	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.69	276	355835	9.811	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.68	278	89938	2.943	ng/ul	95
26) Benzo(g,h,i)perylene	27.53	276	270917	9.302	ng/ul	96

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

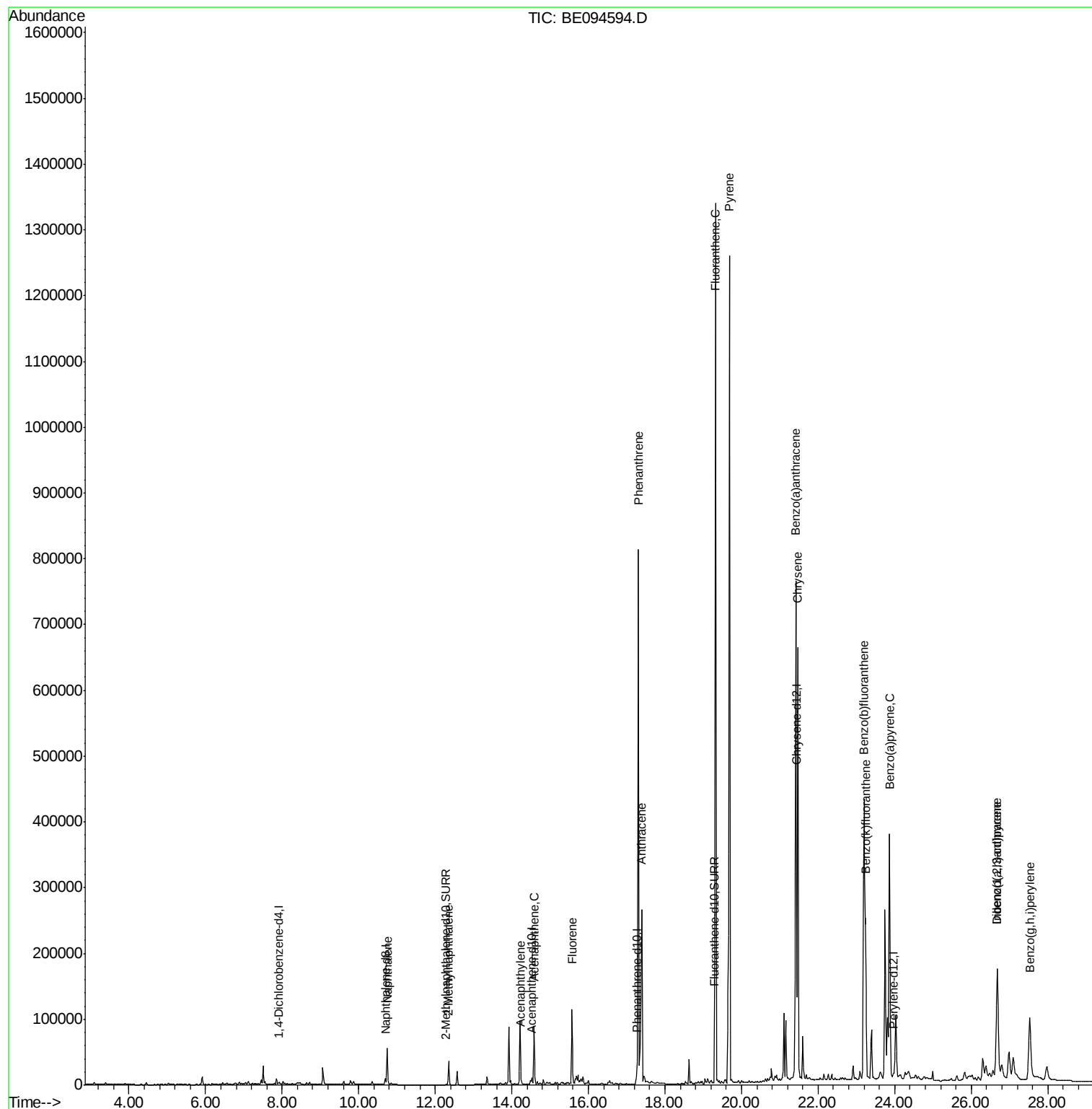
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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ALS Vial : 37 Sample Multiplier: 1

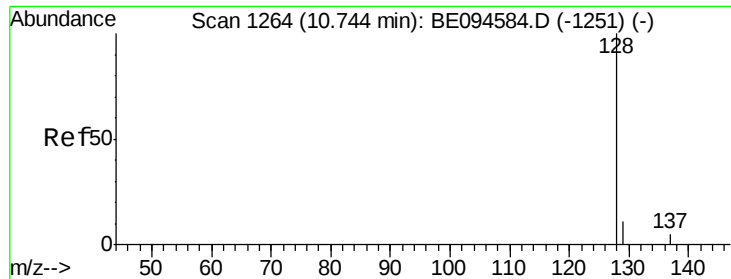
Instrument :
BNA_E
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B-24(1.5-3.5)-100517

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Quant Time: Oct 27 14:55:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Fri Oct 27 04:05:19 2017
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#3

Naphthalene

Concen: 3.584 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Instrument :

BNA_E

ClientSampleId :

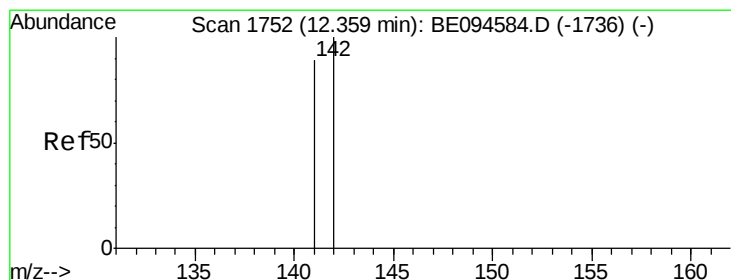
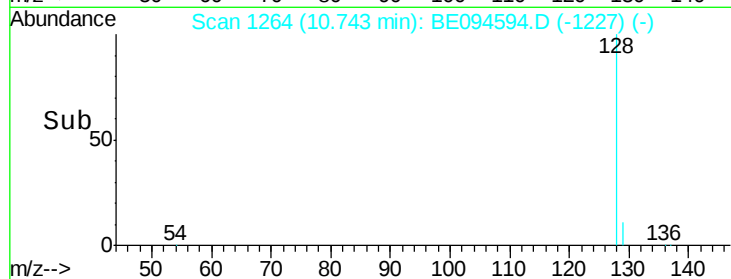
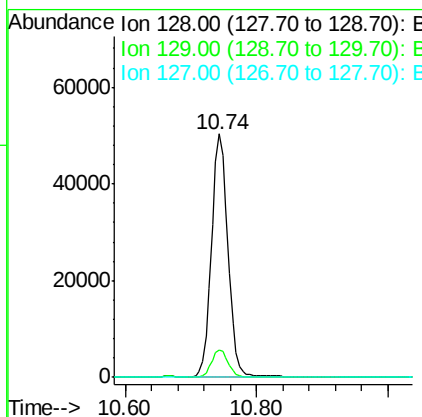
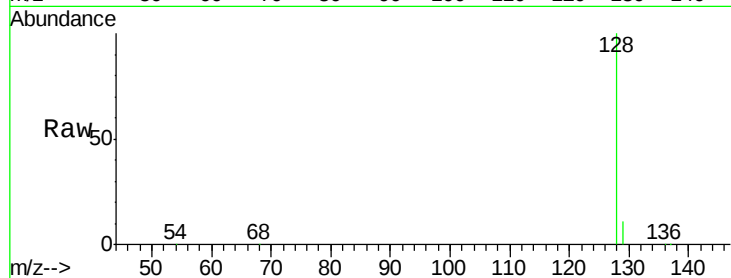
B-24(1.5-3.5)-100517

Tgt Ion:128 Resp: 87923

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.840 ng/ul

RT: 12.35 min Scan# 1749

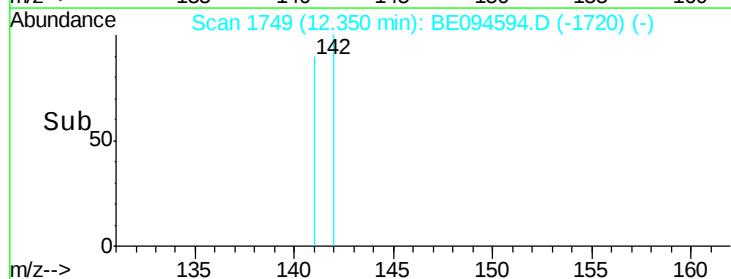
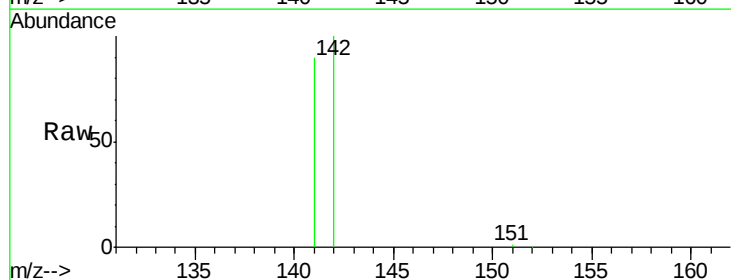
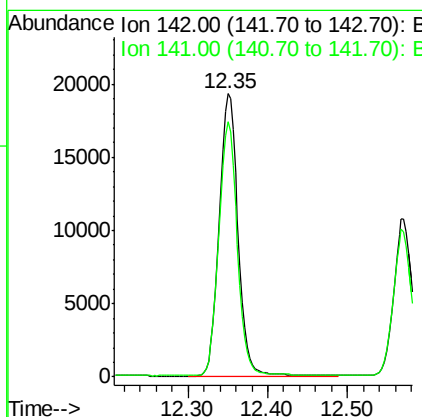
Delta R.T. -0.01 min

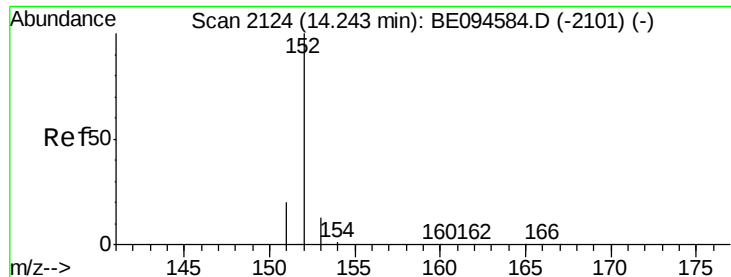
Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Tgt Ion:142 Resp: 31580

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.160 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Instrument :

BNA_E

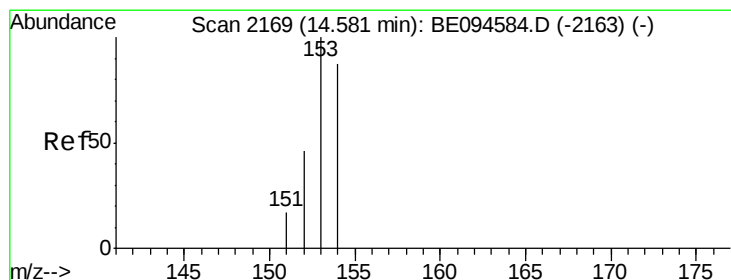
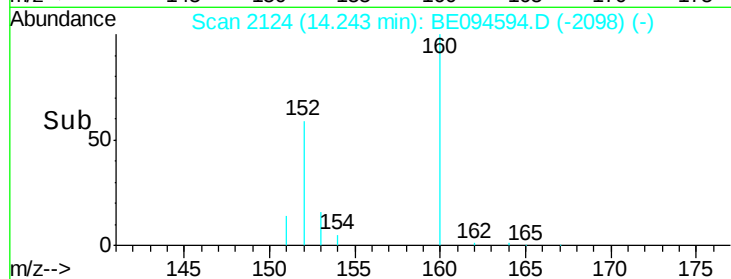
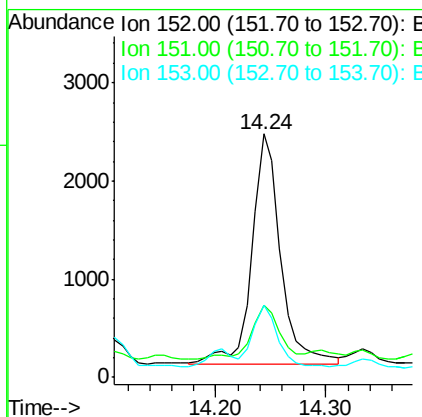
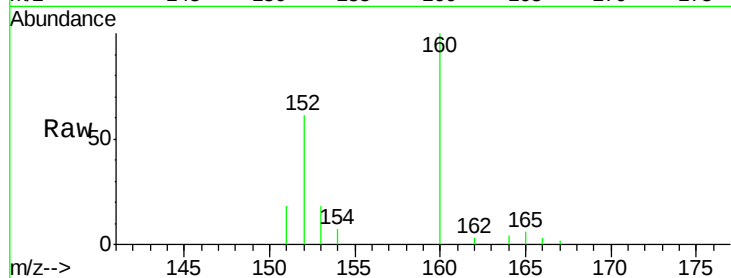
ClientSampleId :

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Tgt Ion:	152	Resp:	4269
Ion Ratio	Lower	Upper	
152	100		
151	29.4	17.1	25.7#
153	29.8	12.8	19.2#

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#8

Acenaphthene

Concen: 2.729 ng/ul

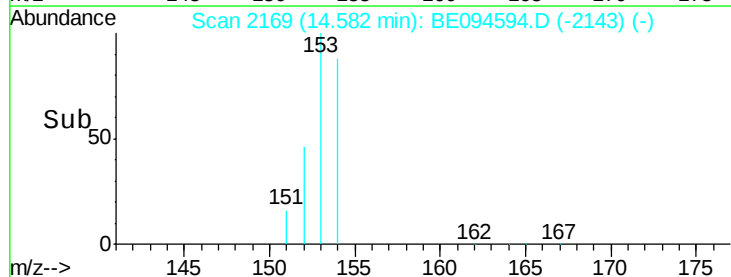
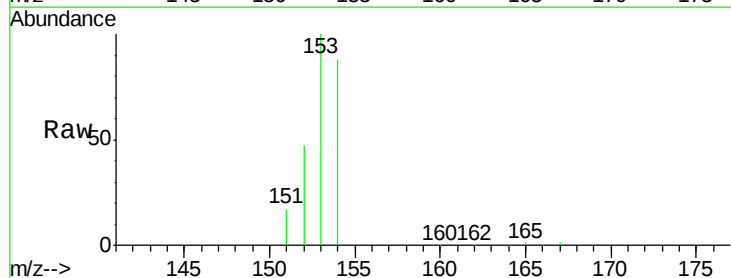
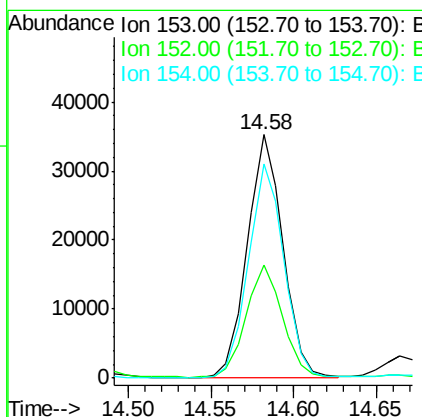
RT: 14.58 min Scan# 2169

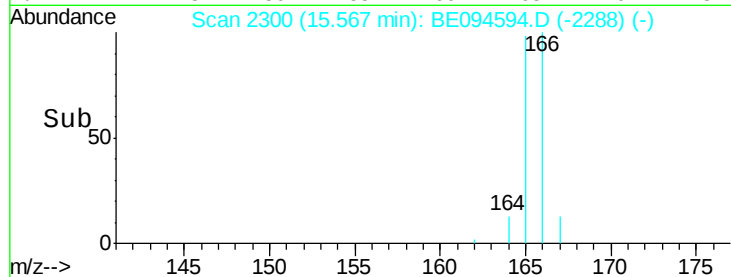
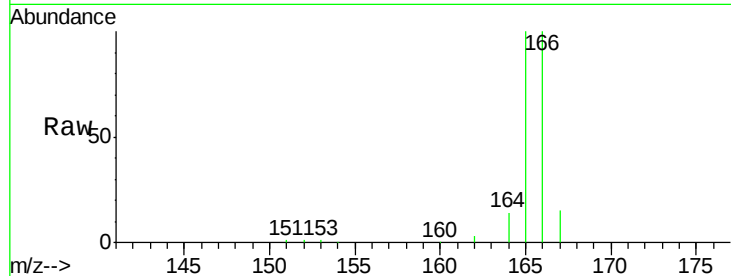
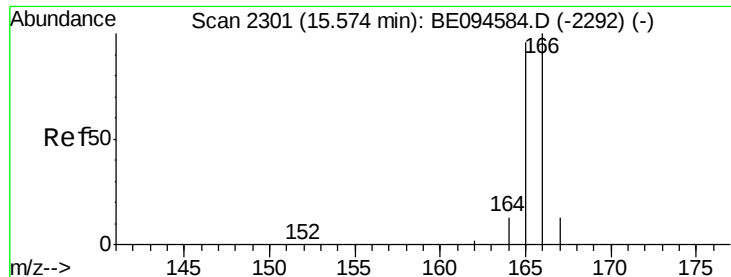
Delta R.T. -0.01 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Tgt Ion:	153	Resp:	52416
Ion Ratio	Lower	Upper	
153	100		
152	46.6	36.0	54.0
154	87.8	72.0	108.0





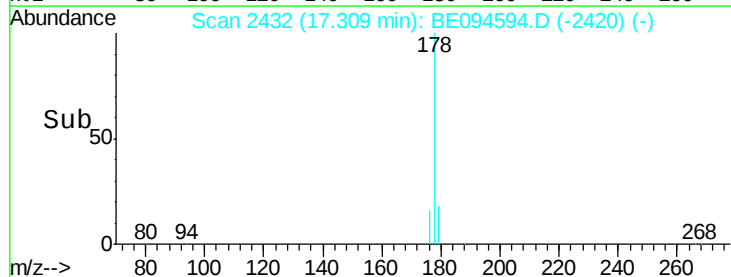
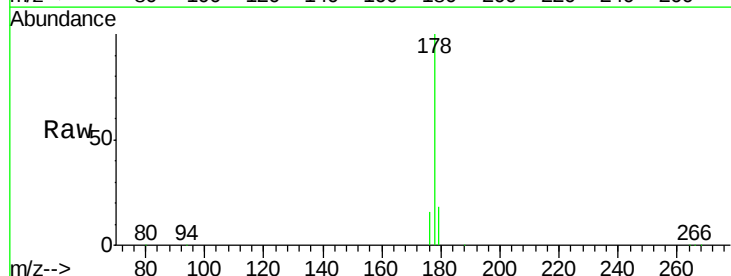
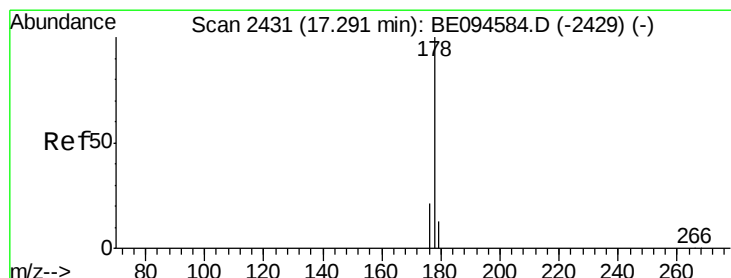
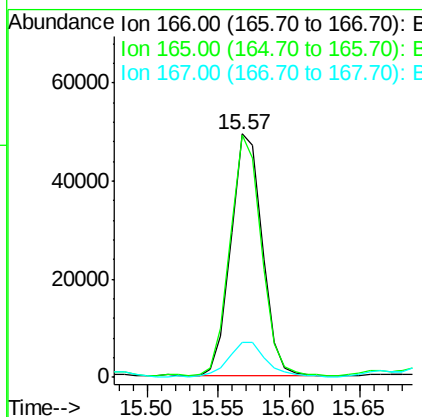
#9
Fluorene
 Concen: 3.527 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094594.D
 Acq: 27 Oct 2017 14:00

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	14.6	14.6	22.0

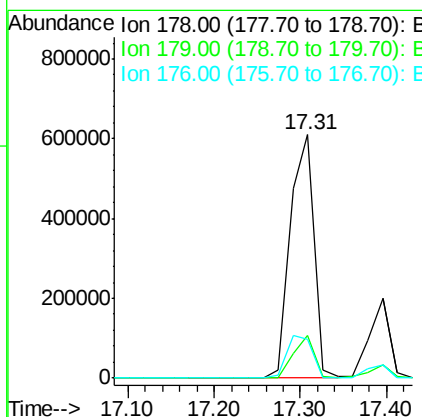
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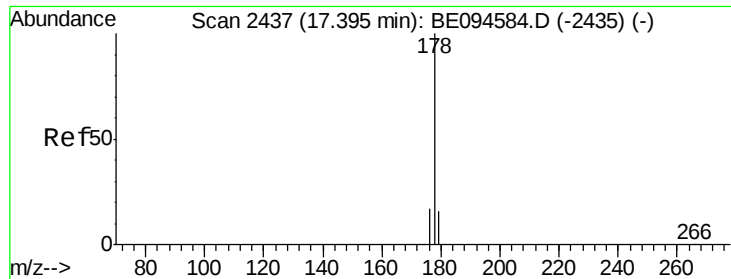
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#12
Phenanthrene
 Concen: 35.794 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BE094594.D
 Acq: 27 Oct 2017 14:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6
176	15.7	13.6	20.4





#13

Anthracene

Concen: 10.099 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Instrument :

BNA_E

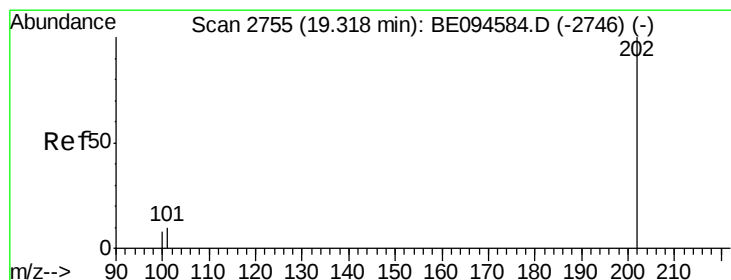
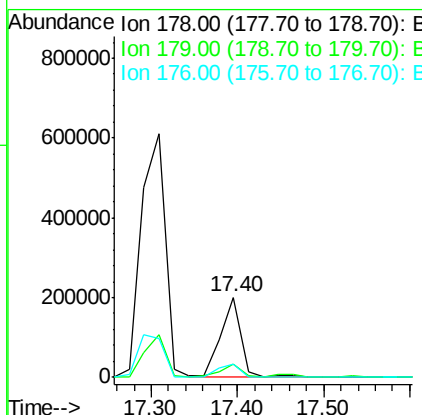
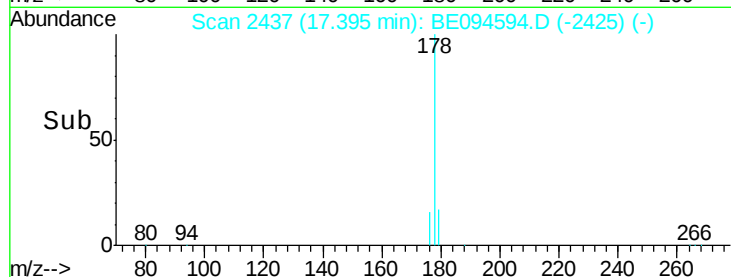
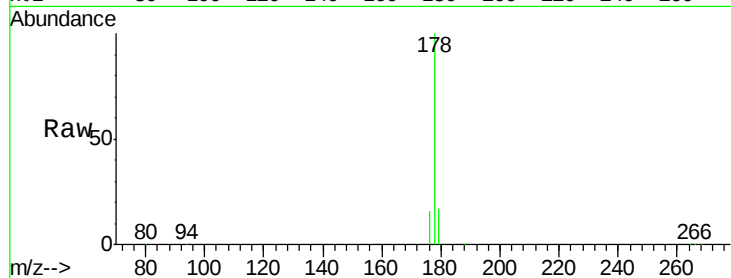
ClientSampleId :

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Tgt Ion:	178	Resp:	326451
Ion Ratio	Lower	Upper	
178	100		
179	16.8	18.1	27.1#
176	15.8	14.7	22.1

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#15

Fluoranthene

Concen: 40.578 ng/ul

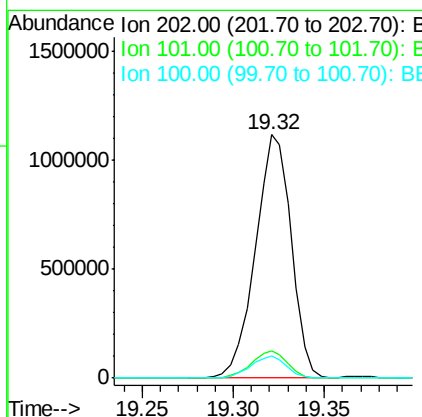
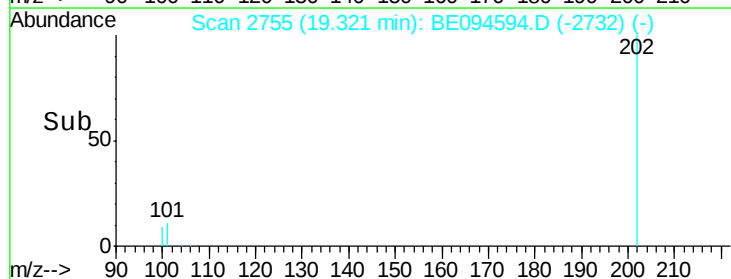
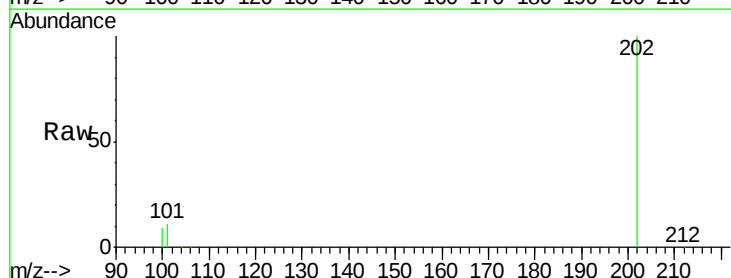
RT: 19.32 min Scan# 2755

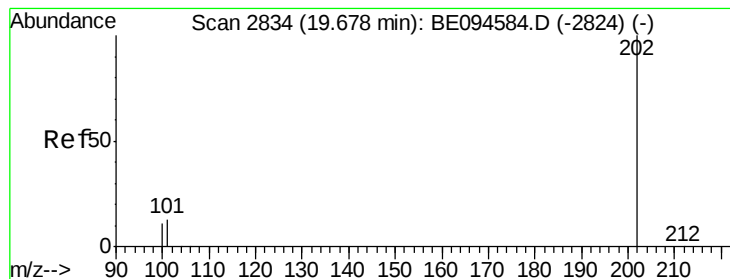
Delta R.T. 0.00 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Tgt Ion:	202	Resp:	1536630
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.3
100	8.9	0.0	39.5





#17

Pyrene

Concen: 37.546 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Instrument :

BNA_E

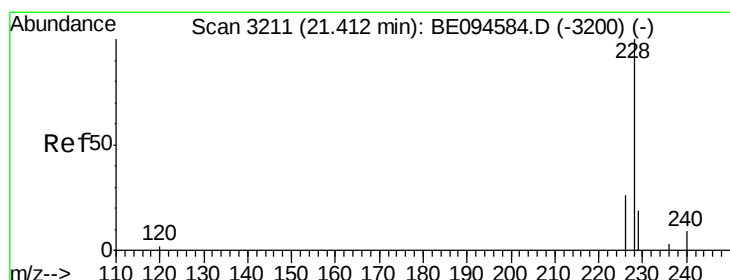
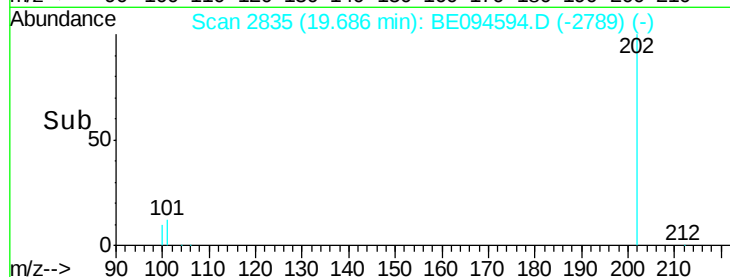
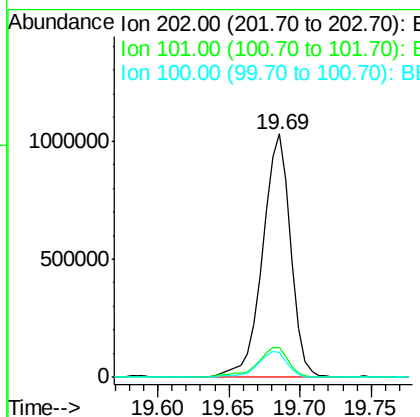
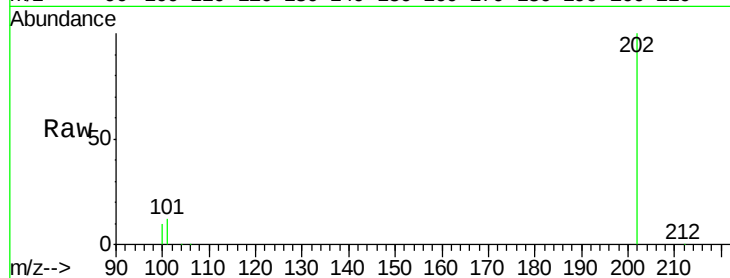
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Tgt	Ion	202	Resp	1419775
Ion	Ratio	Lower	Upper	
202	100			
101	12.1	18.2	27.4#	
100	10.2	15.6	23.4#	

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#18

Benzo(a)anthracene

Concen: 21.192 ng/ul

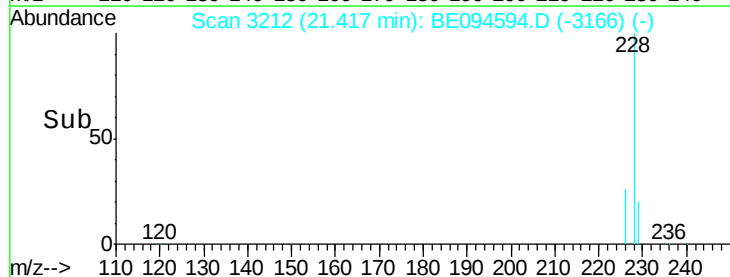
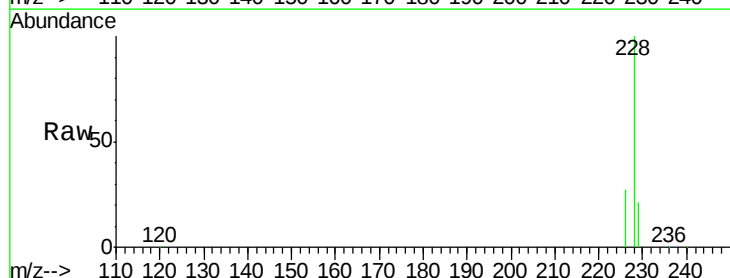
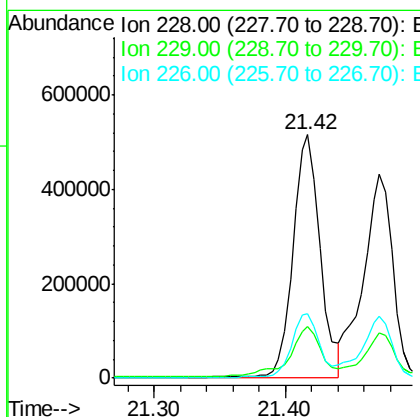
RT: 21.42 min Scan# 3212

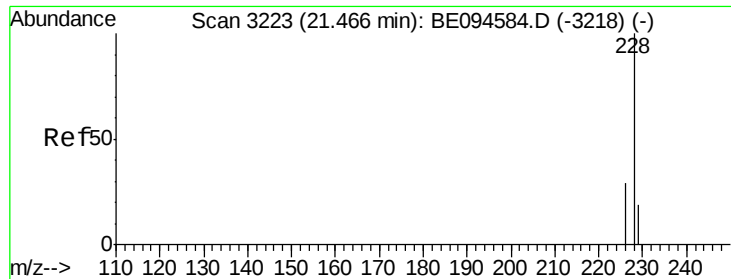
Delta R.T. 0.01 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Tgt	Ion	228	Resp	741059
Ion	Ratio	Lower	Upper	
228	100			
229	21.1	22.8	34.2#	
226	26.6	17.0	25.6#	





#19

Chrysene

Concen: 18.662 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Instrument :

BNA_E

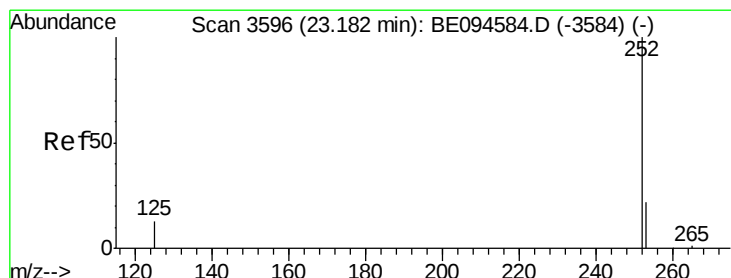
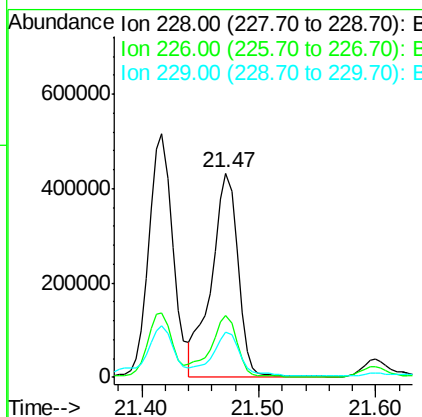
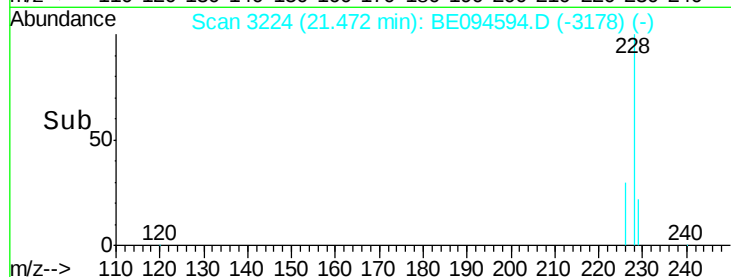
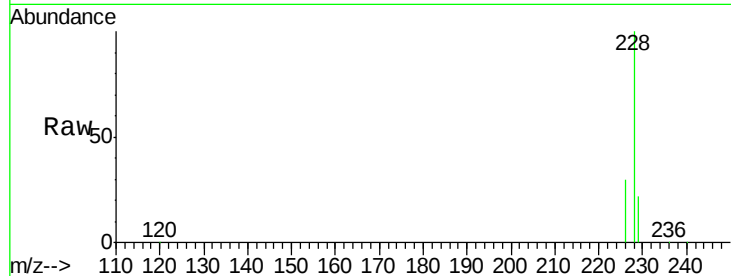
ClientSampleId :

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Tgt Ion:	228	Resp:	674508
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 23.024 ng/ul m

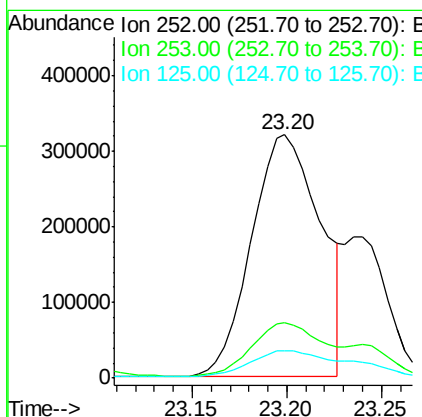
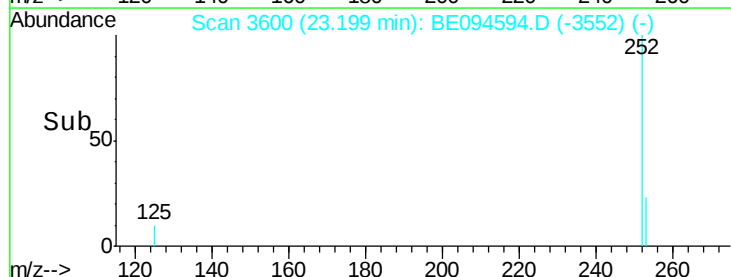
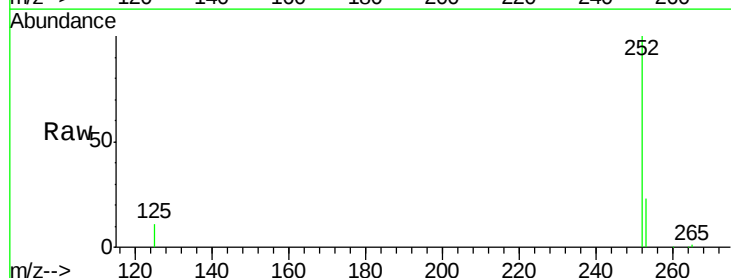
RT: 23.20 min Scan# 3600

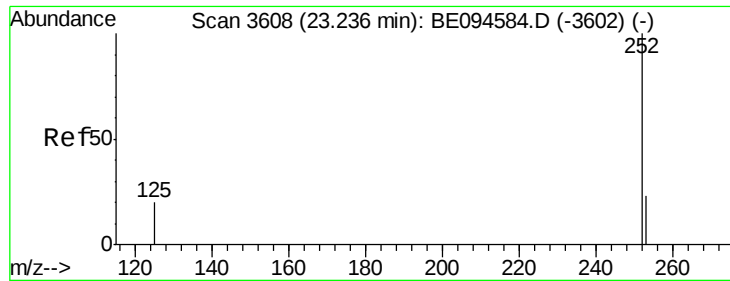
Delta R.T. 0.02 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Tgt Ion:	252	Resp:	807376
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	11.1	0.0	35.0





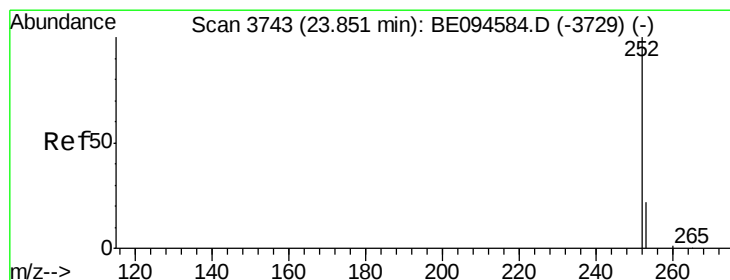
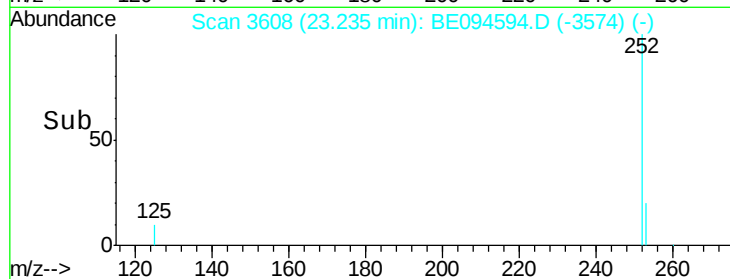
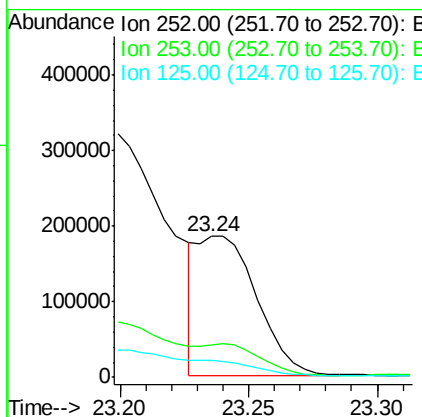
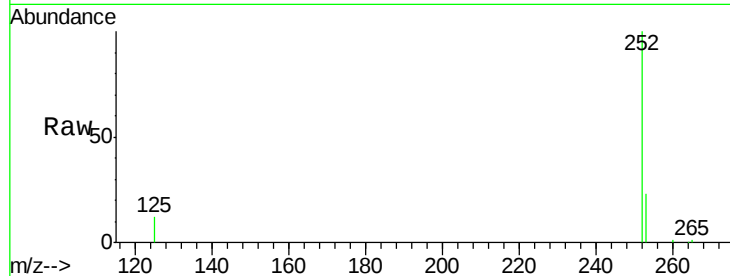
#22
Benzo(k)fluoranthene
Concen: 7.919 ng/ul m
RT: 23.24 min Scan# 3608
Delta R.T. 0.00 min
Lab File: BE094594.D
Acq: 27 Oct 2017 14:00

Instrument :
BNA_E
ClientSampleId :
B-24(1.5-3.5)-100517

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	297587		
253	23.1	24.5	36.7#	
125	11.7	13.7	20.5#	

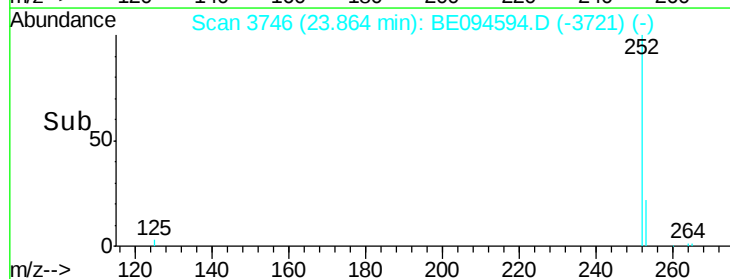
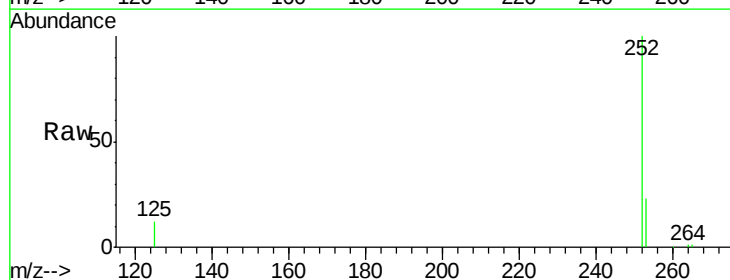
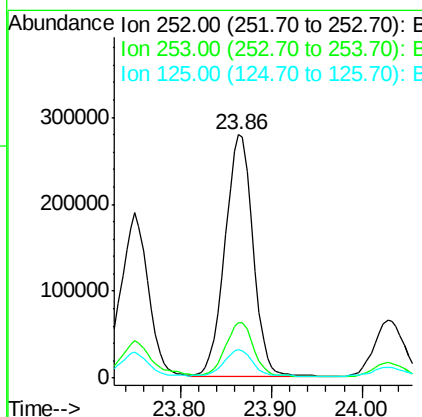
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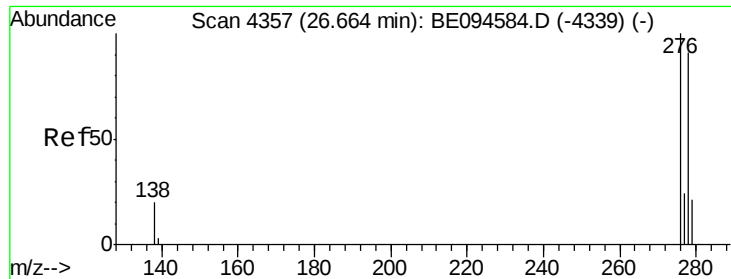
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#23
Benzo(a)pyrene
Concen: 16.861 ng/ul
RT: 23.86 min Scan# 3746
Delta R.T. 0.01 min
Lab File: BE094594.D
Acq: 27 Oct 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	590997		
253	22.8	28.5	42.7#	
125	11.6	18.1	27.1#	





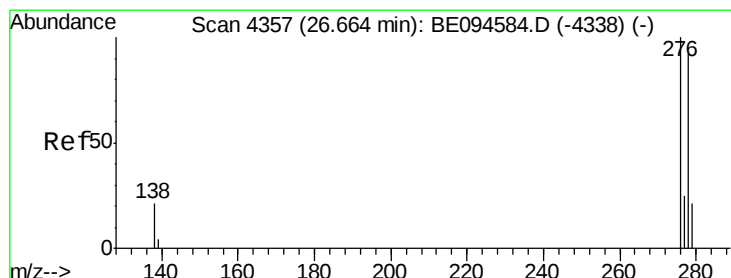
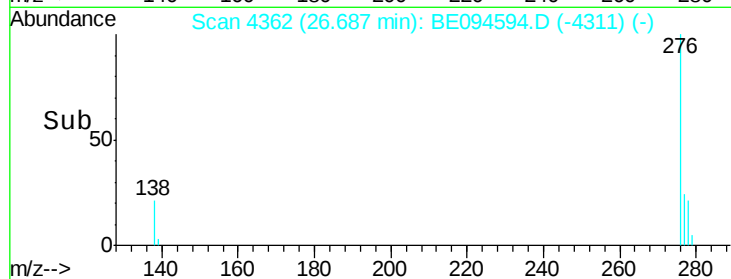
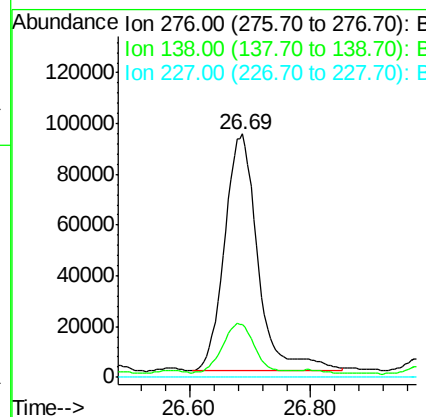
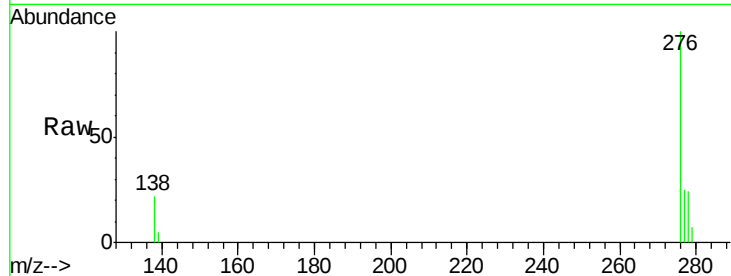
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.811 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.03 min
 Lab File: BE094594.D
 Acq: 27 Oct 2017 14:00

Instrument :
 BNA_E
 ClientSampleId :
 B-24(1.5-3.5)-100517

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	355835		
138	20.3	28.0	42.0	
227	0.0	8.0	12.0	

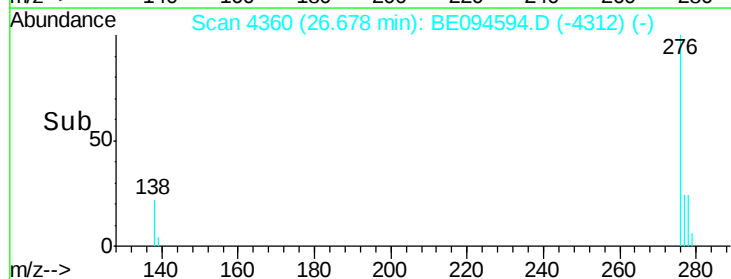
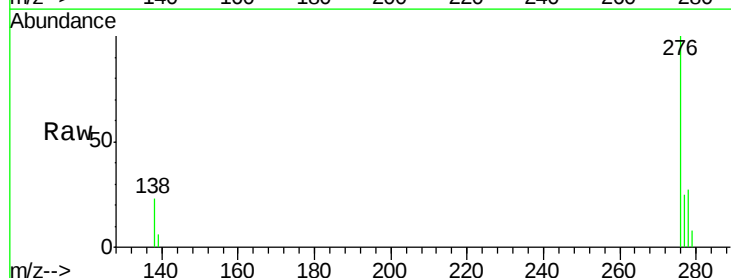
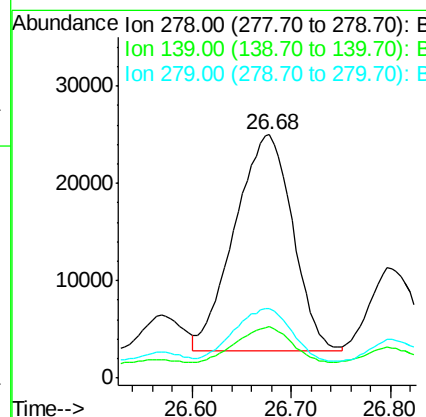
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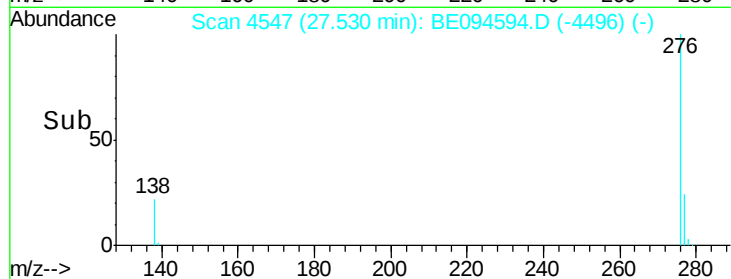
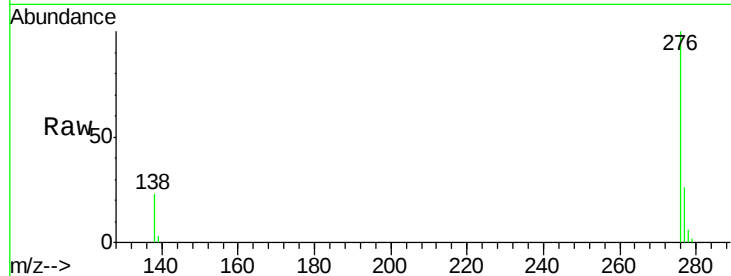
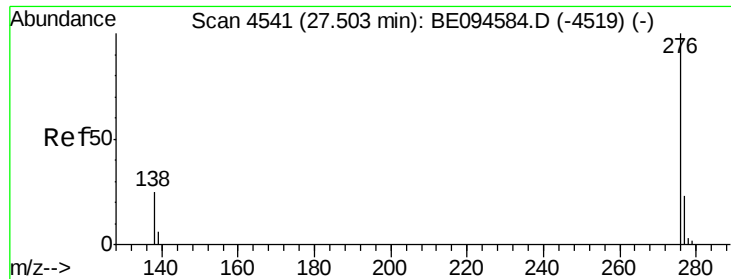
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.943 ng/ul
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.02 min
 Lab File: BE094594.D
 Acq: 27 Oct 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	89938		
139	21.1	17.4	26.0	
279	28.6	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 9.302 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. 0.03 min

Lab File: BE094594.D

Acq: 27 Oct 2017 14:00

Instrument :

BNA_E

ClientSampleId :

B-24(1.5-3.5)-100517

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	23.1	21.8	32.8	
277	25.9	20.5	30.7	

Manual Integrations
APPROVED

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