

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094538.D
 Acq On : 25 Oct 2017 18:15
 Operator : SJ/JU
 Sample : I5695-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-74(0-1)-100417

Manual Integrations
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Quant Time: Oct 25 19:30:47 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1356	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7658	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4421	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9743	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9347	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	9794	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	676	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1610	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2786	0.149	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	2743	0.209	ng/ul	100
7) Acenaphthylene	14.24	152	5017	0.251	ng/ul	96
8) Acenaphthene	14.57	153	878	0.061	ng/ul#	88
9) Fluorene	15.56	166	1424	0.088	ng/ul#	85
12) Phenanthrene	17.29	178	36266	1.409	ng/ul#	92
13) Anthracene	17.38	178	11667	0.459	ng/ul#	92
15) Fluoranthene	19.31	202	118995	4.000	ng/ul	84
17) Pyrene	19.67	202	113933	3.943	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	78751	2.947	ng/ul#	88
19) Chrysene	21.46	228	73430	2.659	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	121908m	4.425	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	43311m	1.467	ng/ul	
23) Benzo(a)pyrene	23.83	252	82755	3.005	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.63	276	66064	2.318	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.63	278	17529	0.730	ng/ul#	86
26) Benzo(g,h,i)perylene	27.47	276	57953	2.533	ng/ul	97

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

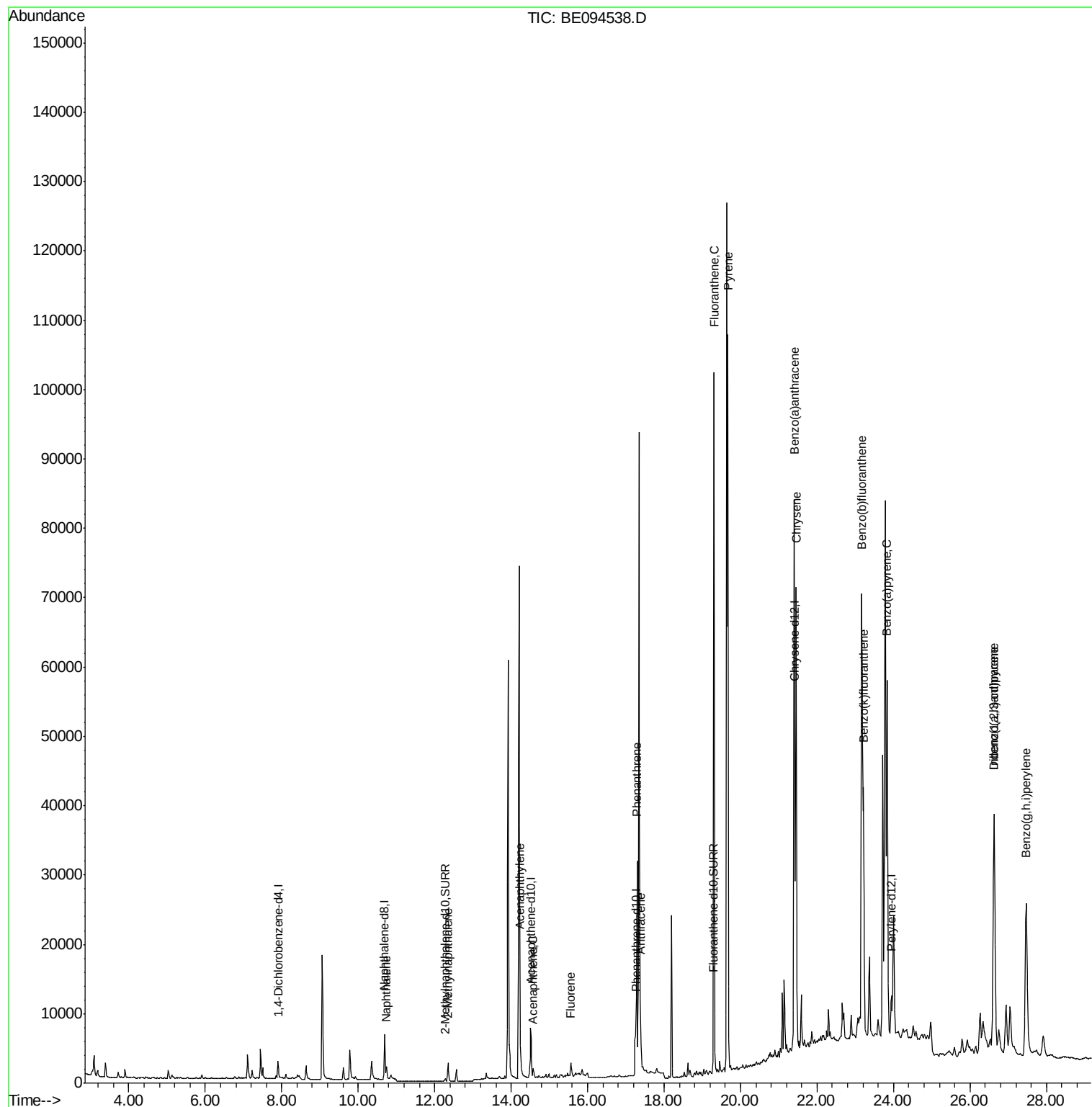
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094538.D
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ALS Vial : 15 Sample Multiplier: 1

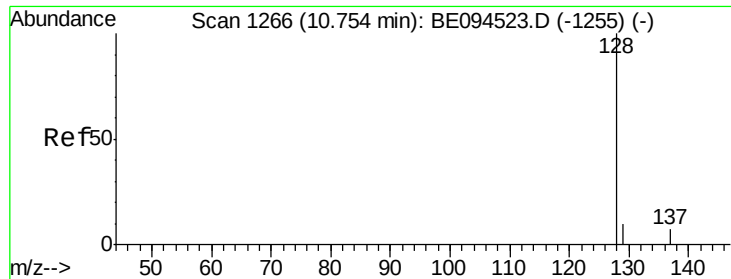
Instrument :
BNA_E
ClientSampled :
B-74(0-1)-100417

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QLast Update : Wed Oct 25 18:44:03 2017
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#3

Naphthalene

Concen: 0.149 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Instrument :

BNA_E

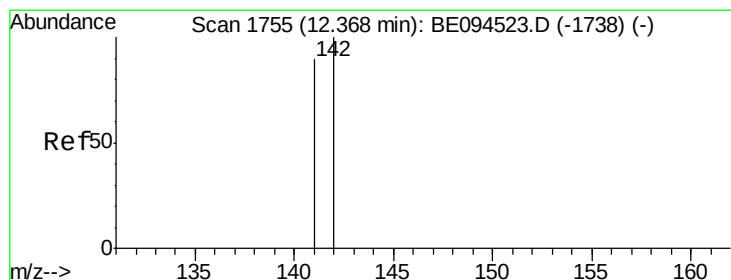
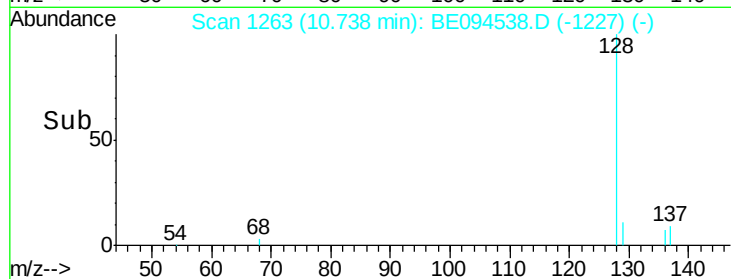
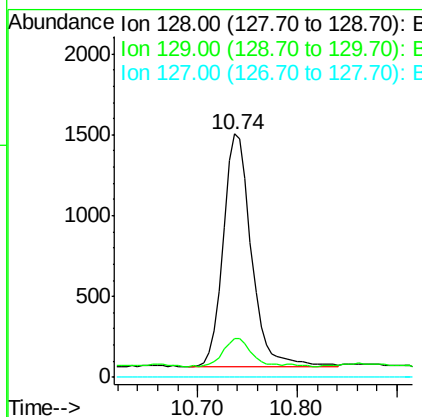
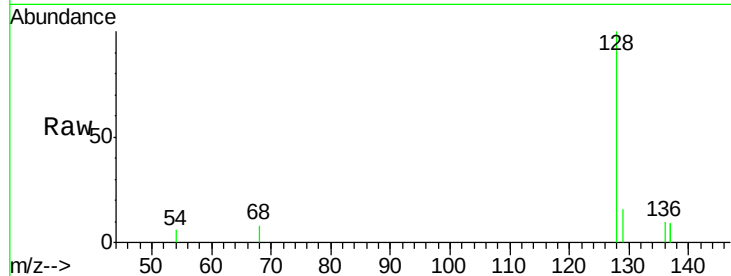
ClientSampleId :

B-74(0-1)-100417

Tgt Ion:	128	Resp:	2786
Ion Ratio	Lower	Upper	
128	100		
129	15.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.209 ng/ul

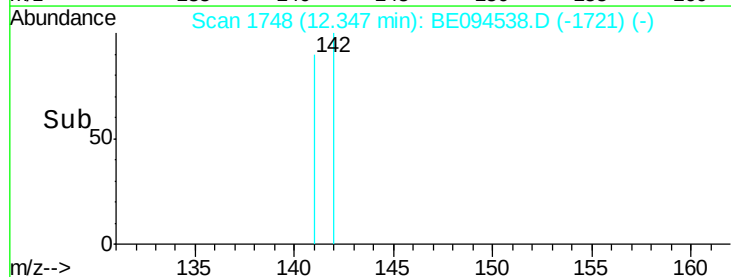
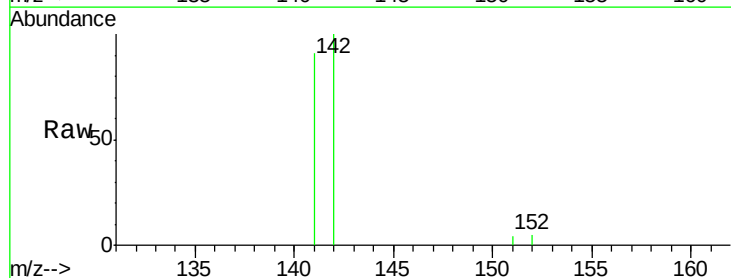
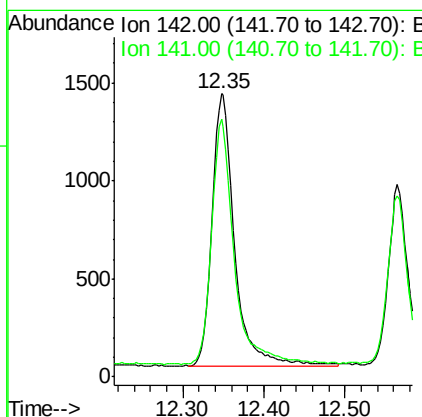
RT: 12.35 min Scan# 1748

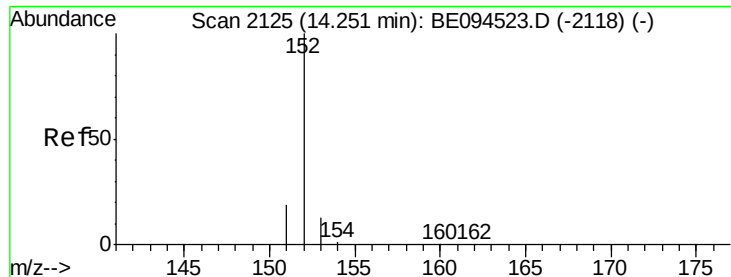
Delta R.T. -0.02 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Tgt Ion:	142	Resp:	2743
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.251 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Instrument :

BNA_E

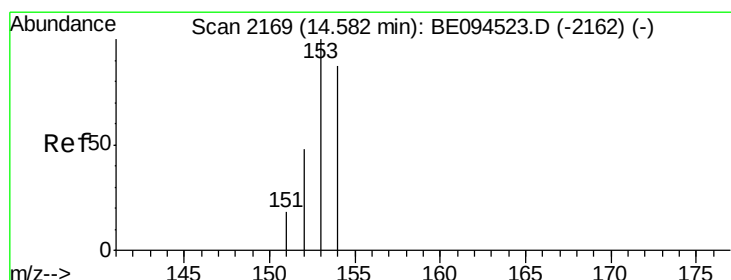
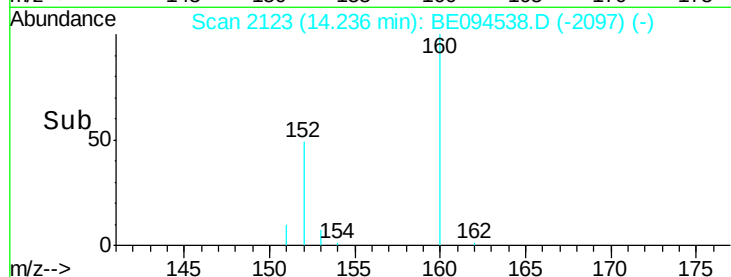
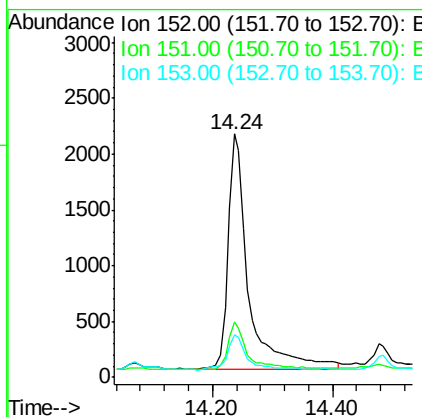
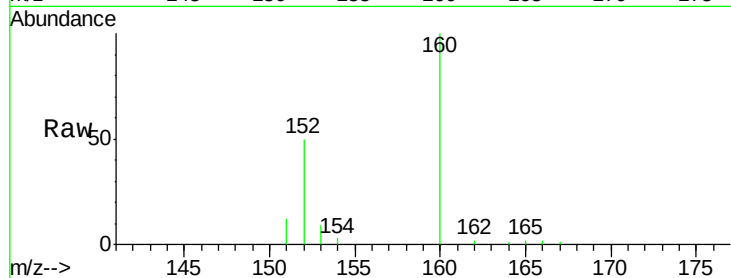
ClientSampleId :

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Tgt Ion:	152	Resp:	5017
Ion Ratio		Lower	Upper
152	100		
151	22.9	17.1	25.7
153	17.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.061 ng/ul

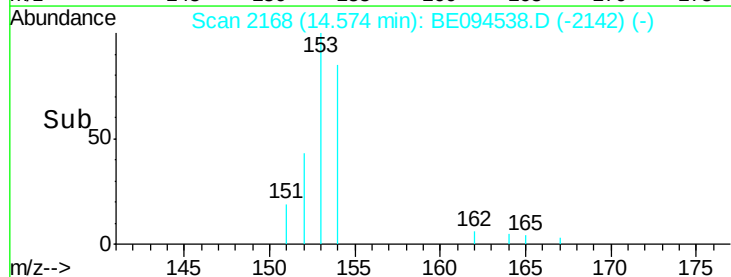
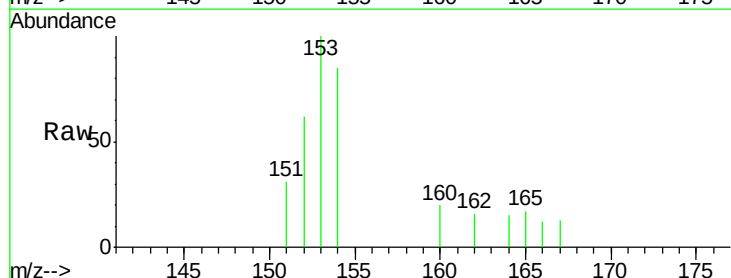
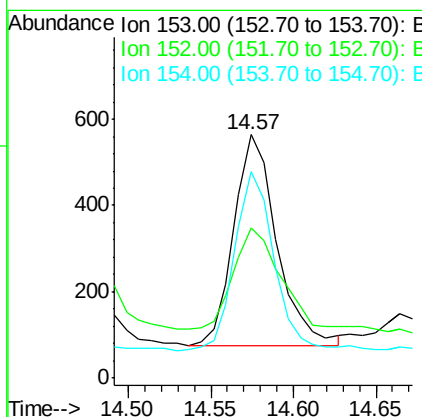
RT: 14.57 min Scan# 2168

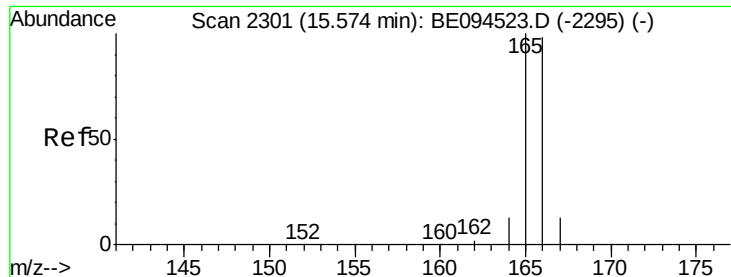
Delta R.T. -0.01 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Tgt Ion:	153	Resp:	878
Ion Ratio		Lower	Upper
153	100		
152	61.5	36.0	54.0#
154	84.9	72.0	108.0





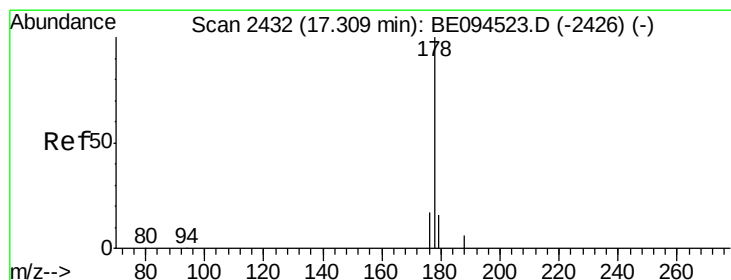
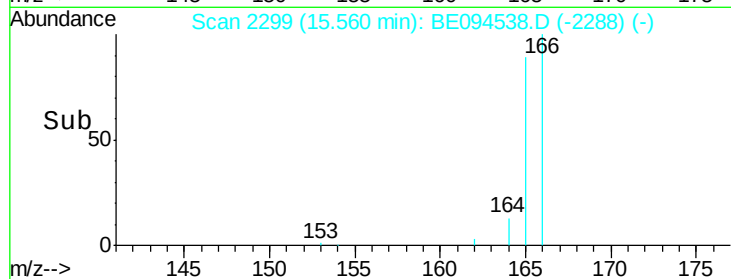
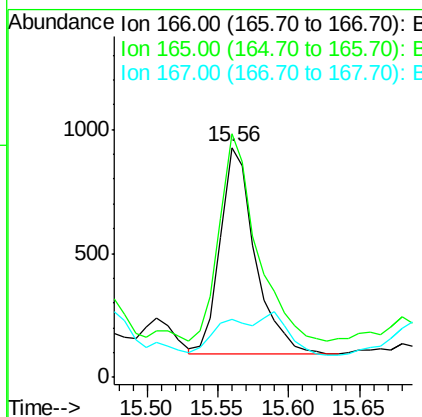
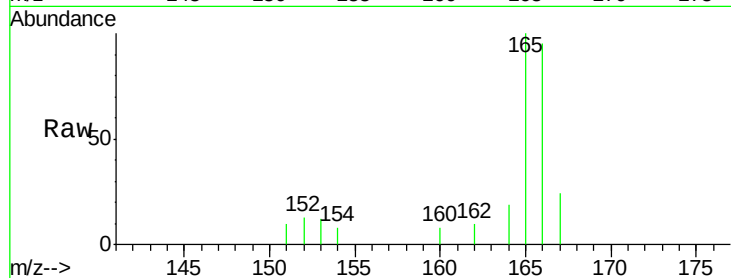
#9
Fluorene
 Concen: 0.088 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094538.D
 Acq: 25 Oct 2017 18:15

Instrument :
 BNA_E
 ClientSampled :
 B-74(0-1)-100417

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.8	73.4	110.2
167	25.0	14.6	22.0

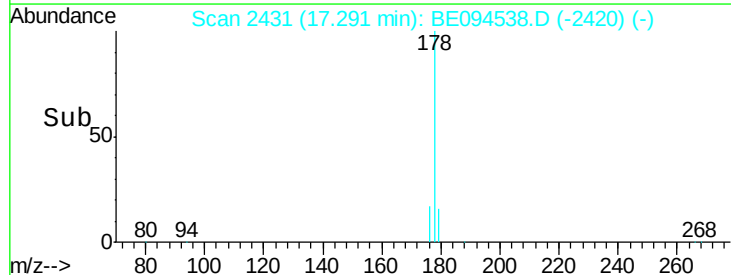
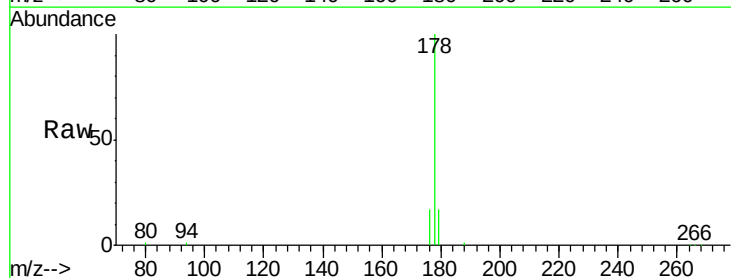
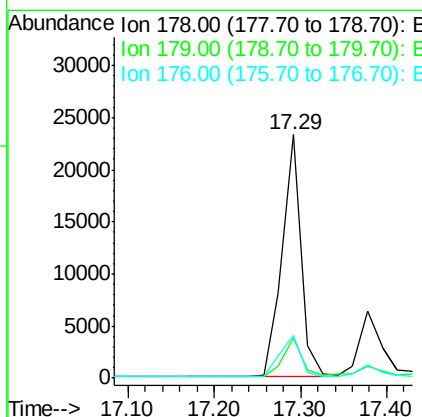
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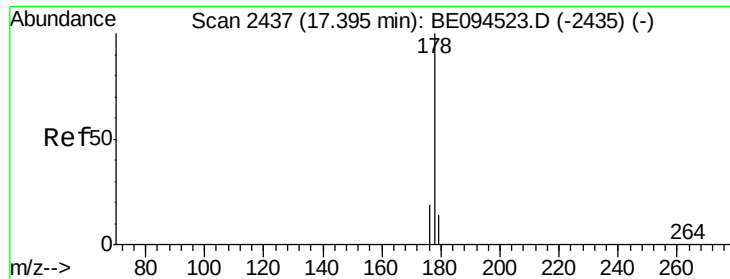
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#12
Phenanthrene
 Concen: 1.409 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094538.D
 Acq: 25 Oct 2017 18:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6
176	17.3	13.6	20.4





#13

Anthracene

Concen: 0.459 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Instrument :

BNA_E

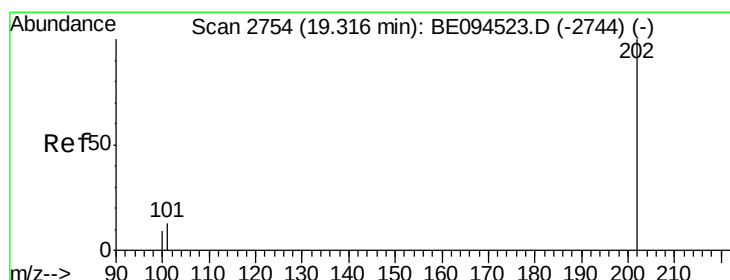
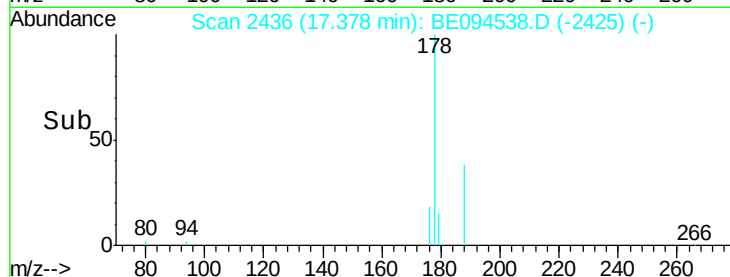
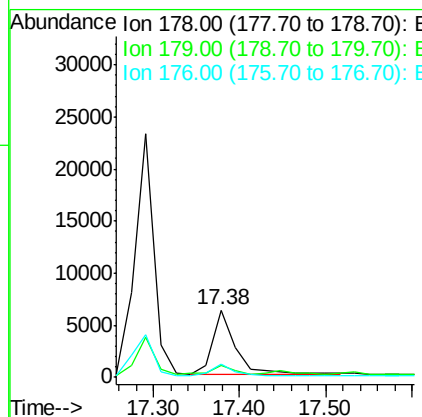
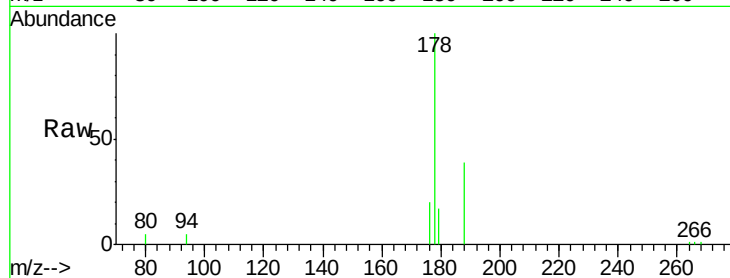
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	19.9	14.7	22.1

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#15

Fluoranthene

Concen: 4.000 ng/ul

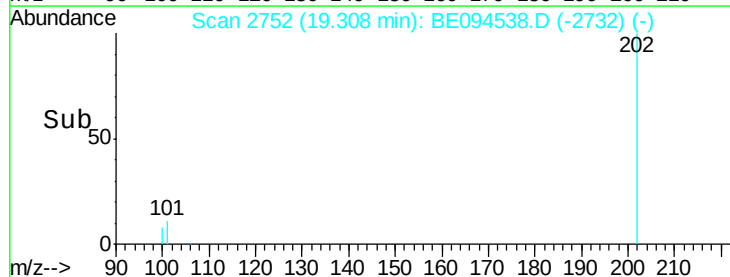
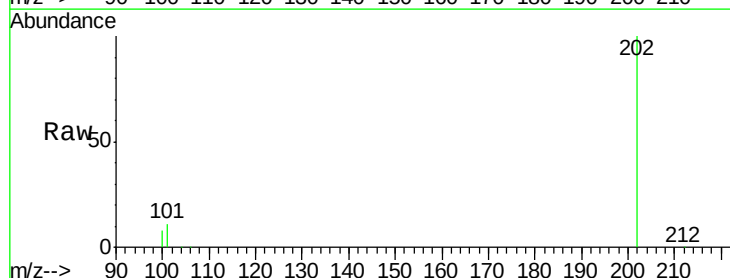
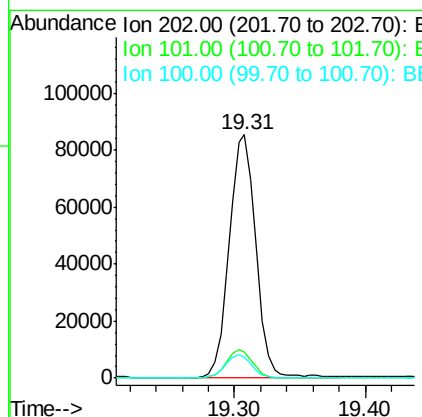
RT: 19.31 min Scan# 2752

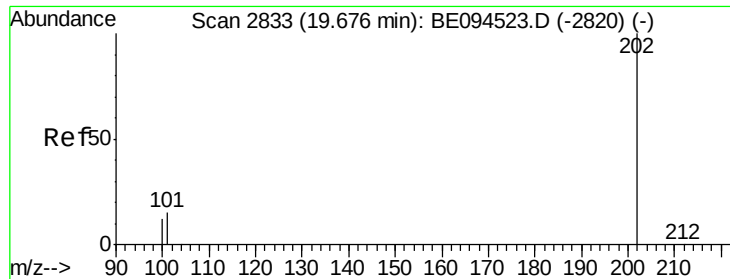
Delta R.T. -0.01 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.4	0.0	39.5





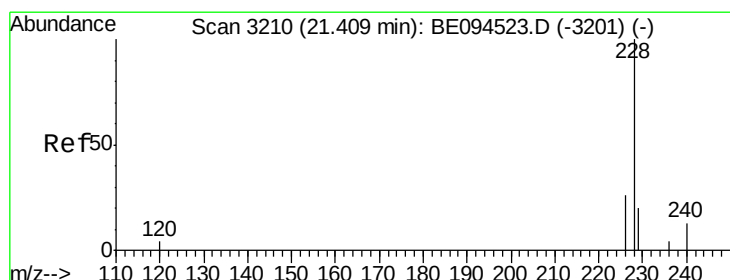
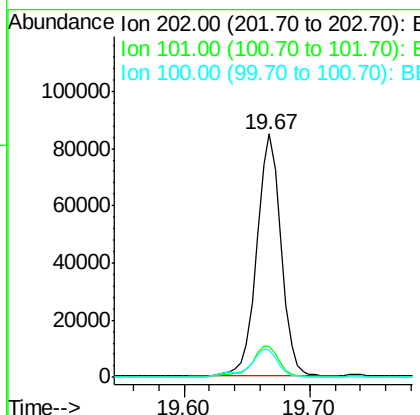
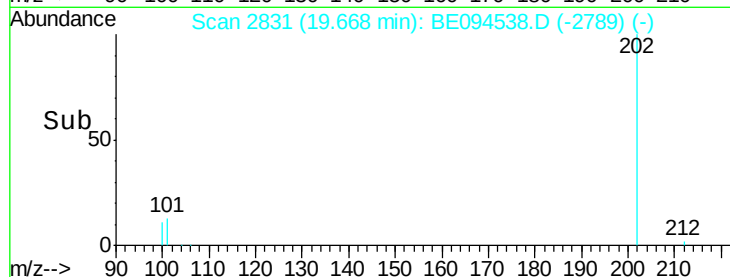
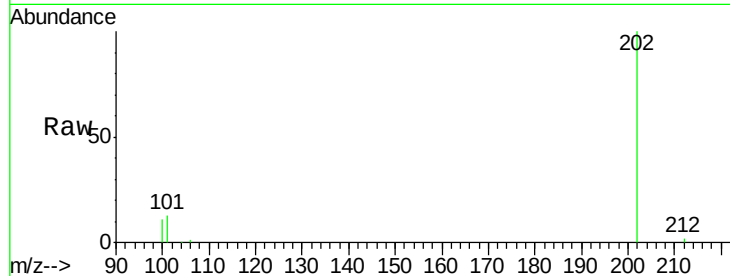
#17
Pyrene
 Concen: 3.943 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094538.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	113933		
101	12.9	18.2	27.4#	
100	11.0	15.6	23.4#	

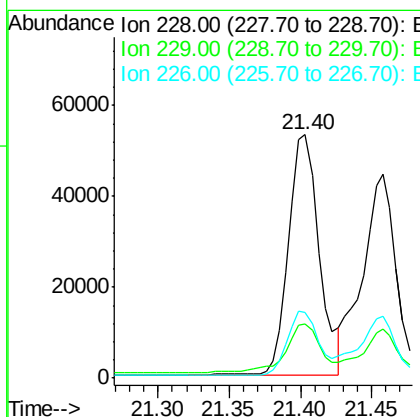
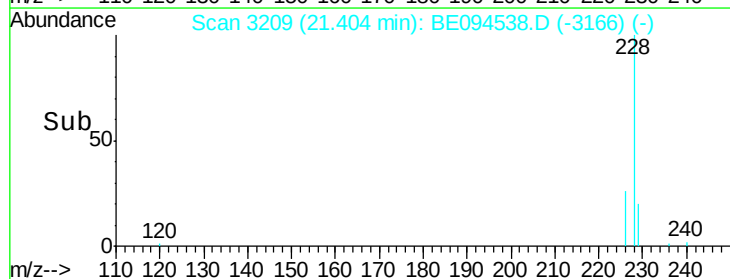
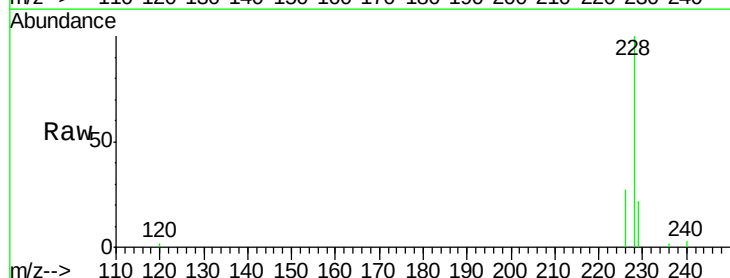
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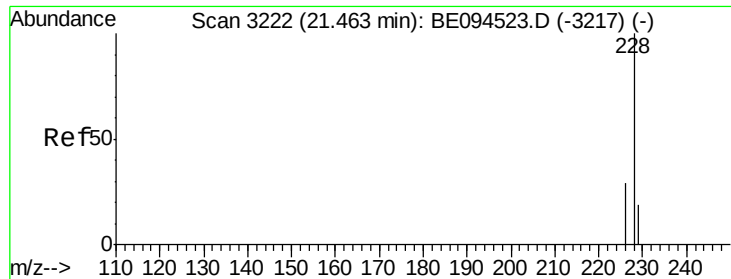
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#18
Benzo(a)anthracene
 Concen: 2.947 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094538.D
 Acq: 25 Oct 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	78751		
229	22.5	22.8	34.2#	
226	27.2	17.0	25.6#	





#19

Chrysene

Concen: 2.659 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Instrument :

BNA_E

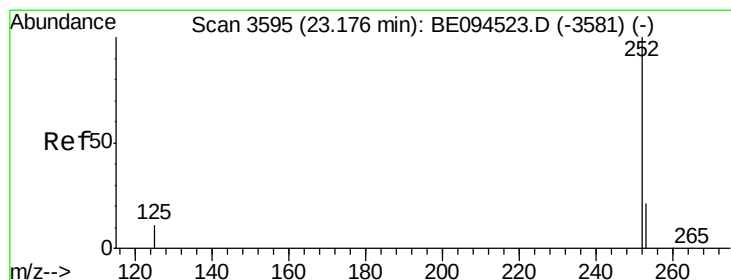
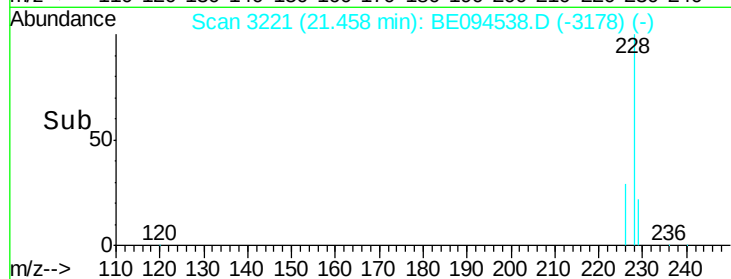
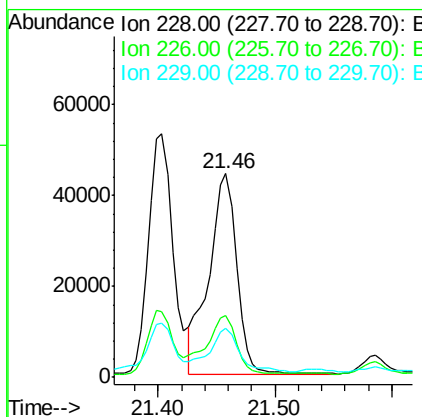
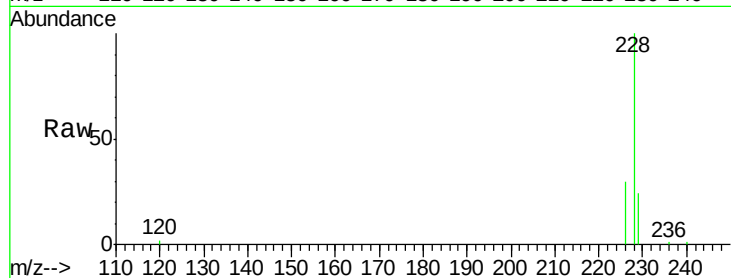
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Tgt Ion:	228	Resp:	73430
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	23.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.425 ng/ul m

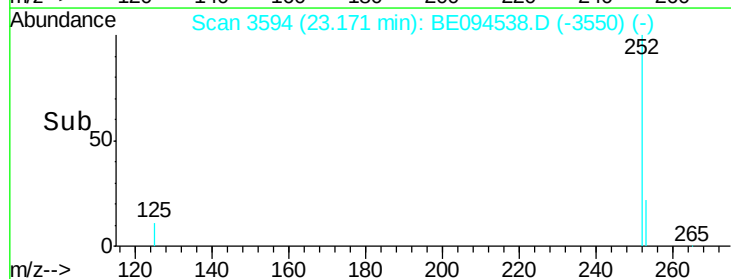
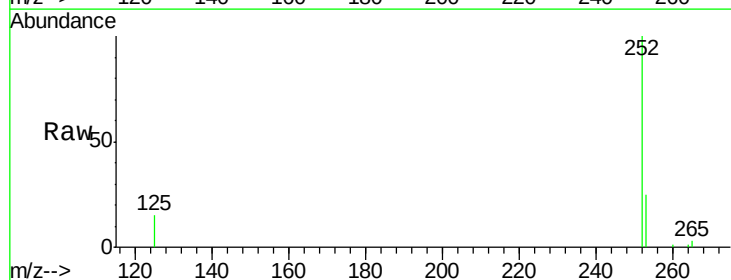
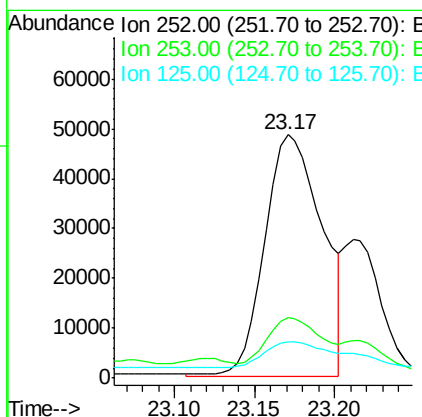
RT: 23.17 min Scan# 3594

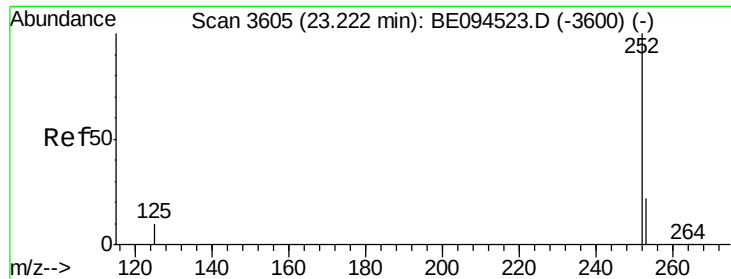
Delta R.T. -0.00 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Tgt Ion:	252	Resp:	121908
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	64.2
125	14.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.467 ng/ul m

RT: 23.21 min Scan# 3603

Delta R.T. -0.01 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Instrument :

BNA_E

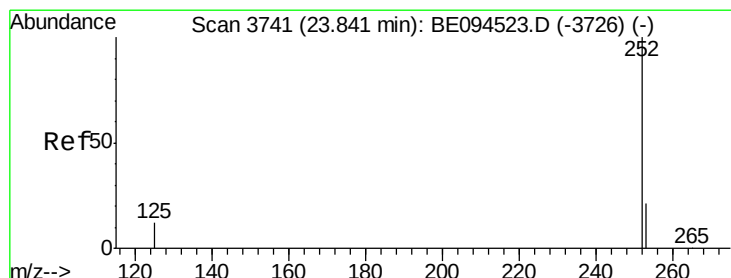
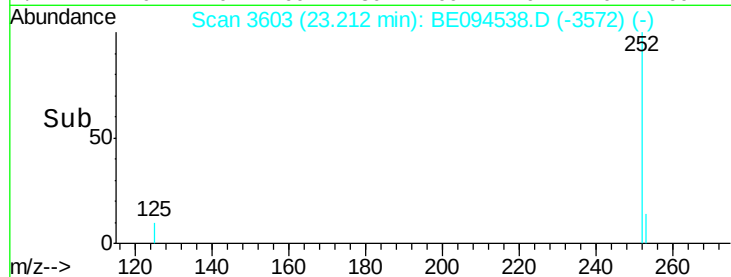
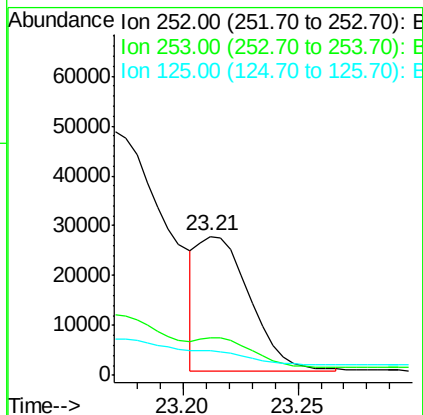
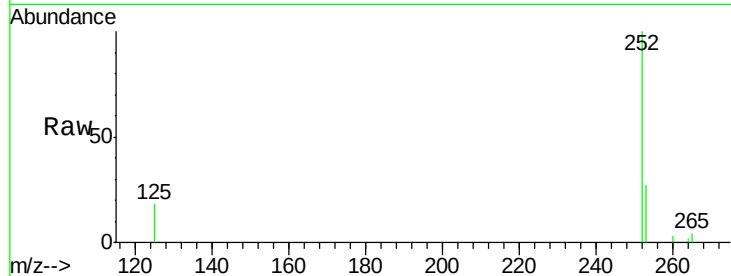
ClientSampleId :

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Tgt Ion:	252	Resp:	43311
Ion Ratio	Lower	Upper	
252	100		
253	26.6	24.5	36.7
125	17.8	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.005 ng/ul

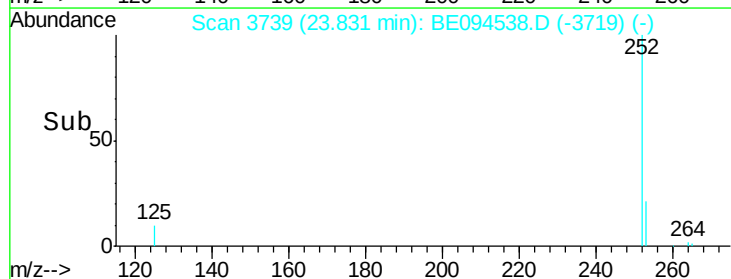
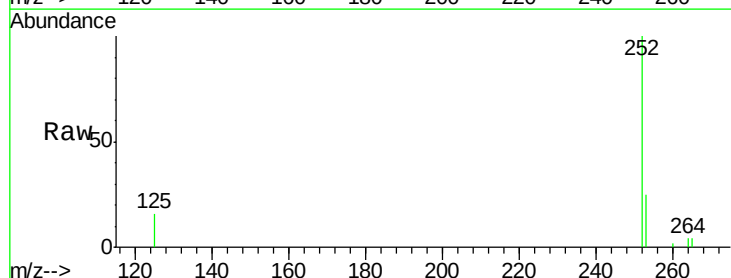
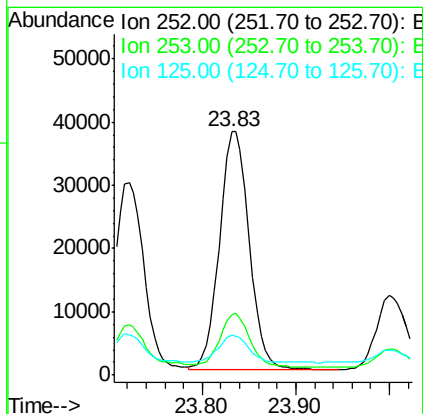
RT: 23.83 min Scan# 3739

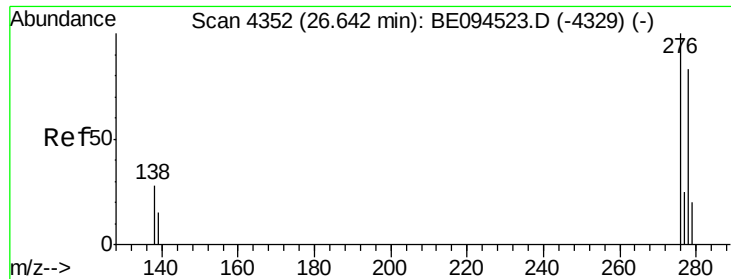
Delta R.T. -0.01 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

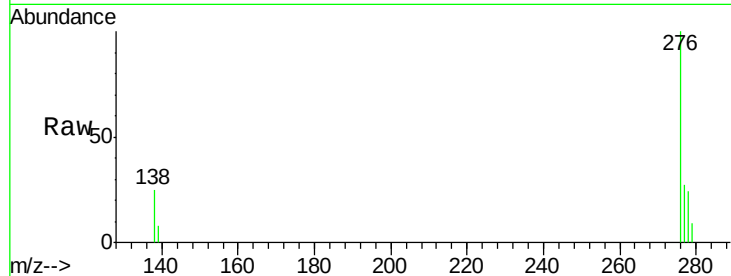
Tgt Ion:	252	Resp:	82755
Ion Ratio	Lower	Upper	
252	100		
253	24.7	28.5	42.7#
125	16.4	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.318 ng/ul
 RT: 26.63 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BE094538.D
 Acq: 25 Oct 2017 18:15

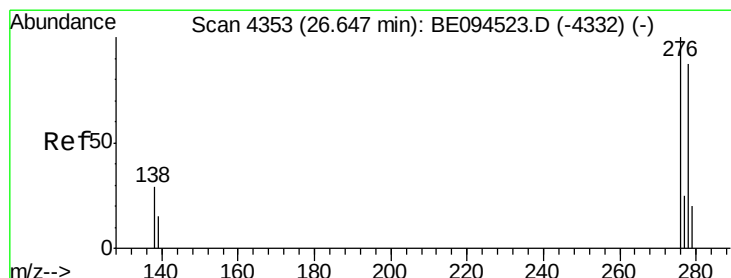
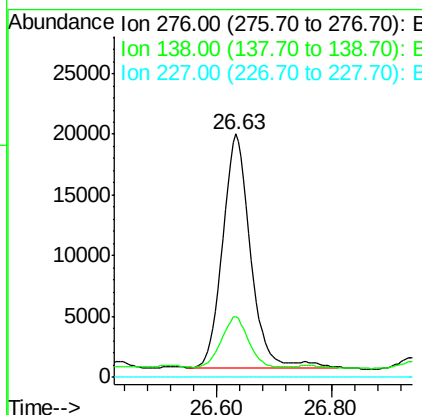
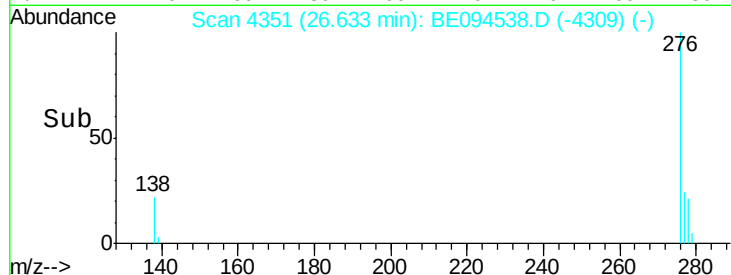
Instrument :
 BNA_E
 ClientSampleId :
 B-74(0-1)-100417



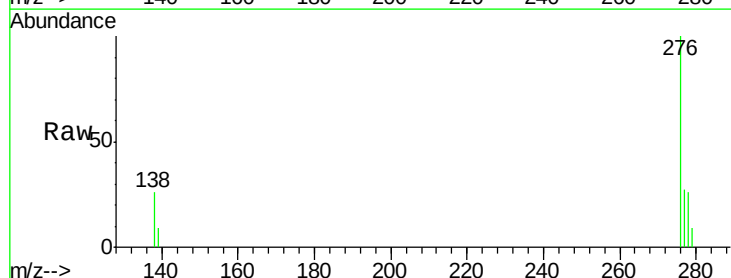
Tgt Ion: 276 Resp: 66064
 Ion Ratio Lower Upper
 276 100
 138 21.0 28.0 42.0#
 227 0.0 8.0 12.0#

Manual Integrations
 APPROVED

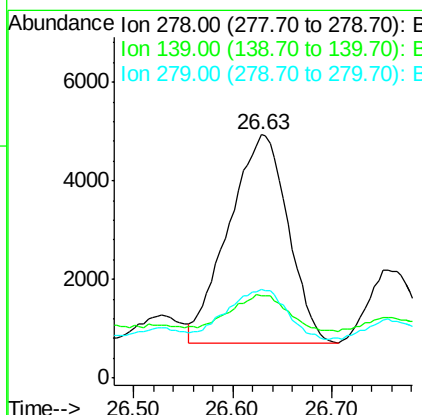
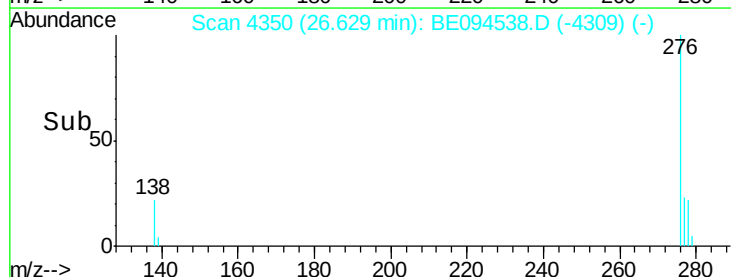
Sohil
 10/27/2017 8:28:57 AM

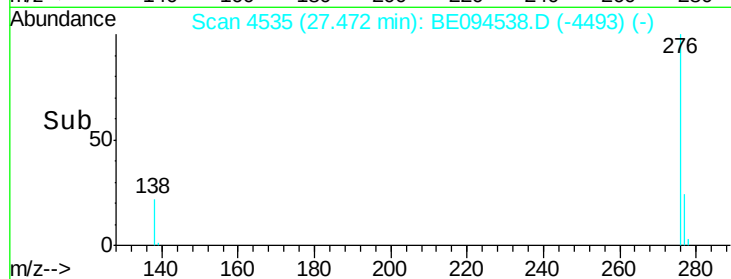
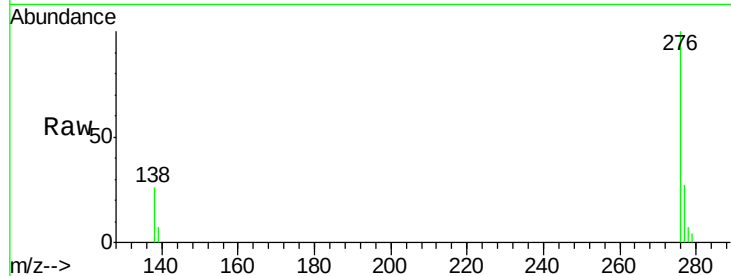
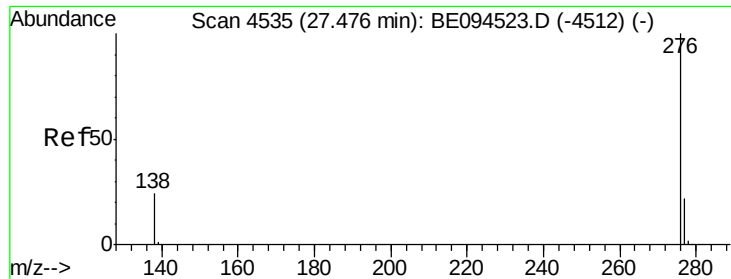


#25
 Dibenzo(a,h)anthracene
 Concen: 0.730 ng/ul
 RT: 26.63 min Scan# 4350
 Delta R.T. -0.01 min
 Lab File: BE094538.D
 Acq: 25 Oct 2017 18:15



Tgt Ion: 278 Resp: 17529
 Ion Ratio Lower Upper
 278 100
 139 33.8 17.4 26.0#
 279 36.4 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 2.533 ng/ul

RT: 27.47 min Scan# 4535

Delta R.T. -0.01 min

Lab File: BE094538.D

Acq: 25 Oct 2017 18:15

Instrument :

BNA_E

ClientSampleId :

B-74(0-1)-100417

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	57953		
138	25.9		21.8	32.8
277	27.4		20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 8:28:57 AM

