

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094713.D
 Acq On : 3 Nov 2017 18:31
 Operator : SJ/JU
 Sample : I5825-11 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-5

Manual Integrations
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Quant Time: Nov 03 23:45:04 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 Nov 03 23:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1569	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	9080	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	5116	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	10939	0.40	ng/ul	-0.03
16) Chrysene-d12	21.42	240	10739	0.40	ng/ul	-0.02
20) Perylene-d12	23.95	264	11426	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	703	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1649	0.05	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	3000	0.135	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1579	0.102	ng/ul	96
7) Acenaphthylene	14.24	152	16071	0.694	ng/ul	97
8) Acenaphthene	14.57	153	5127	0.308	ng/ul	98
9) Fluorene	15.56	166	7017	0.376	ng/ul	94
12) Phenanthrene	17.29	178	109768	3.799	ng/ul#	92
13) Anthracene	17.38	178	32484	1.139	ng/ul#	92
15) Fluoranthene	19.30	202	275857	8.258	ng/ul	84
17) Pyrene	19.67	202	237942	7.167	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	142154	4.630	ng/ul#	86
19) Chrysene	21.46	228	134756	4.247	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	184232m	5.732	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	60198m	1.748	ng/ul	
23) Benzo(a)pyrene	23.84	252	126347	3.933	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.66	276	78263	2.354	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.64	278	19292	0.689	ng/ul#	87
26) Benzo(g,h,i)perylene	27.50	276	61594	2.307	ng/ul	96

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

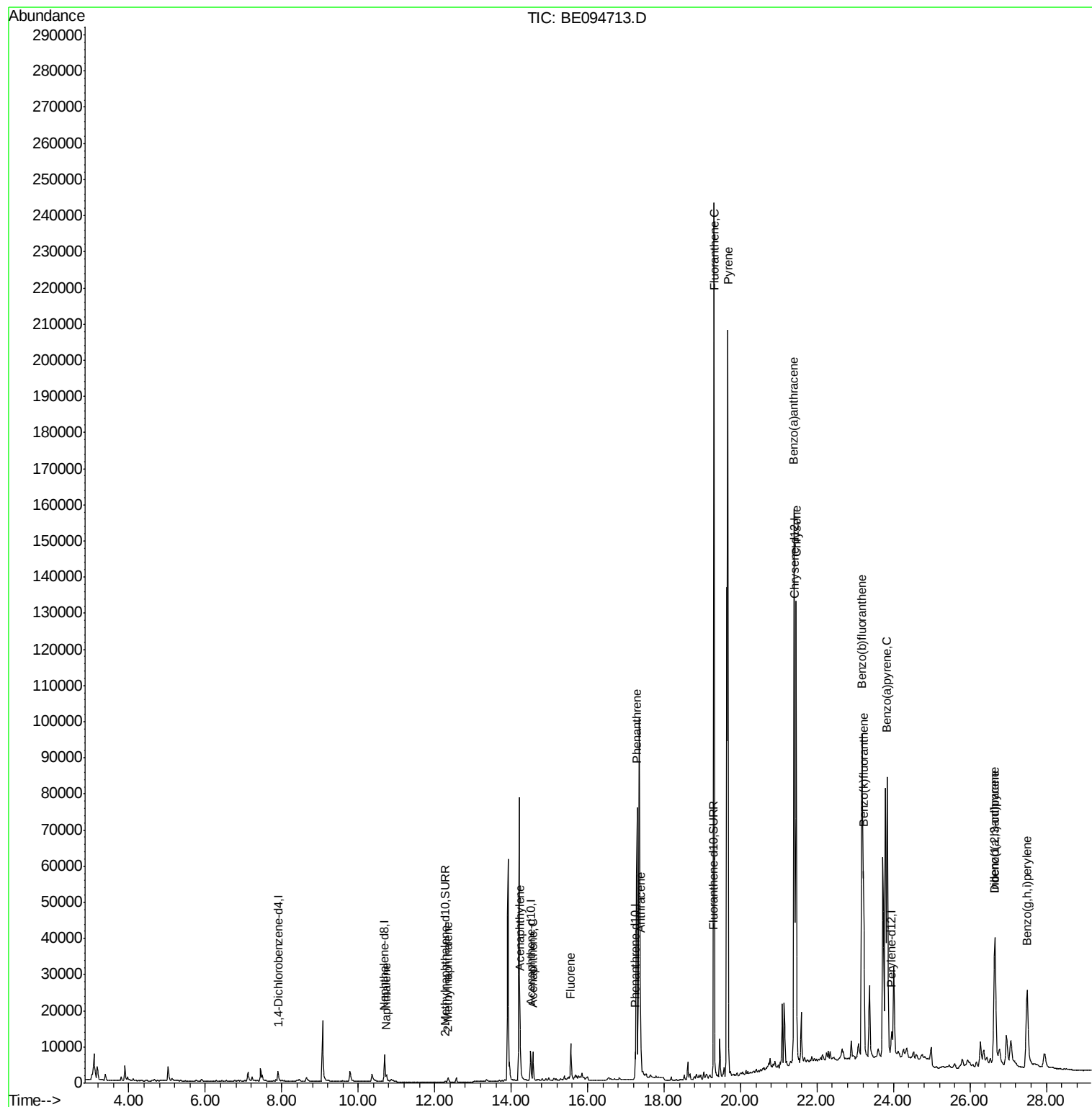
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 14 Sample Multiplier: 1

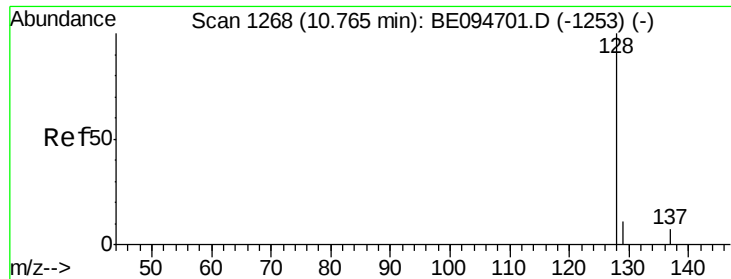
Instrument :
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#3

Naphthalene

Concen: 0.135 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Instrument :

BNA_E

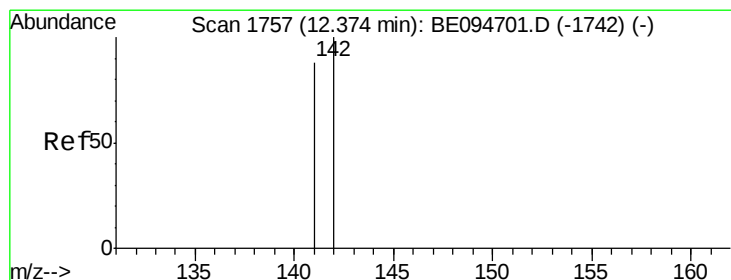
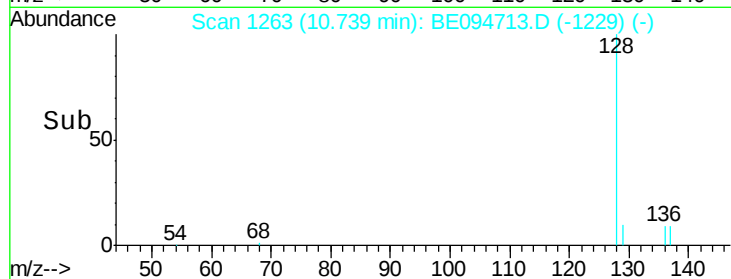
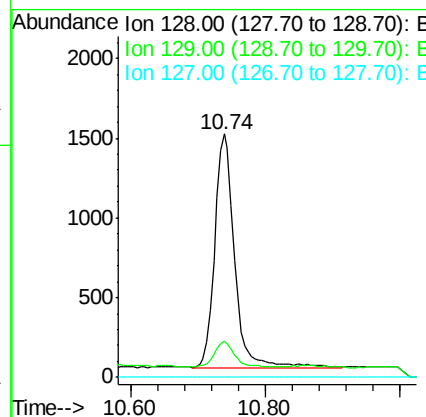
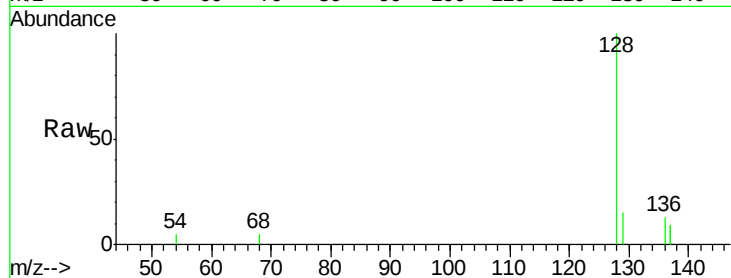
ClientSampleId :

DUP-5

Tgt Ion:	128	Resp:	3000
Ion Ratio	Lower	Upper	
128	100		
129	15.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.102 ng/ul

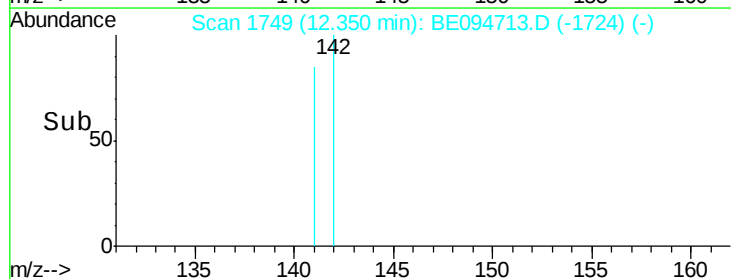
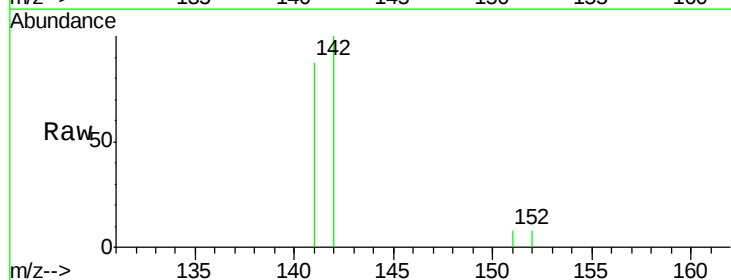
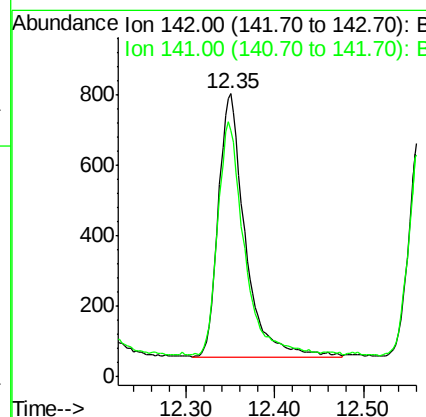
RT: 12.35 min Scan# 1749

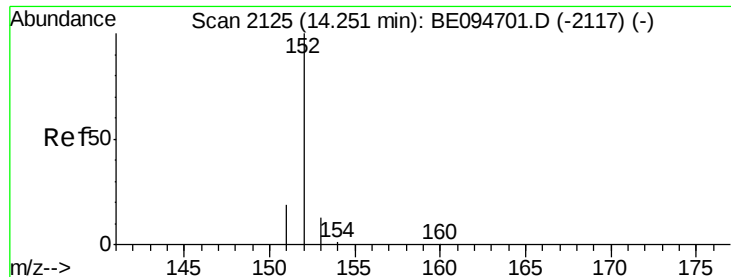
Delta R.T. -0.02 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Tgt Ion:	142	Resp:	1579
Ion Ratio	Lower	Upper	
142	100		
141	86.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.694 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Instrument :

BNA_E

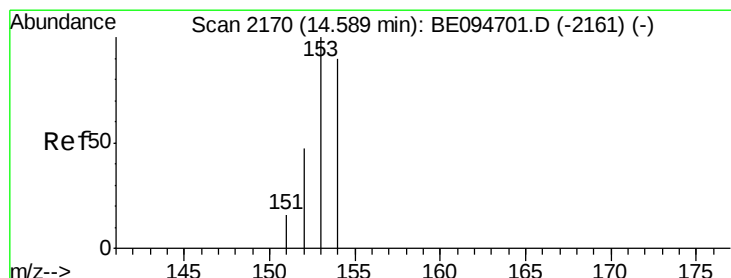
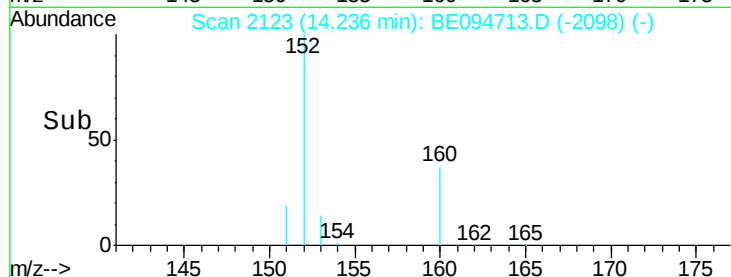
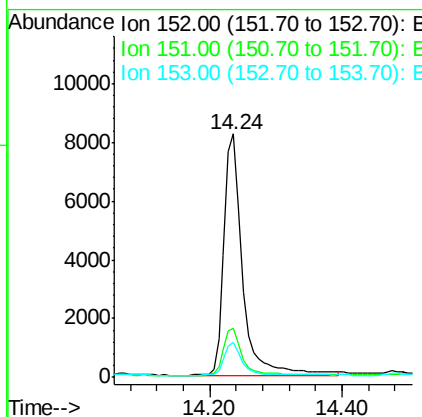
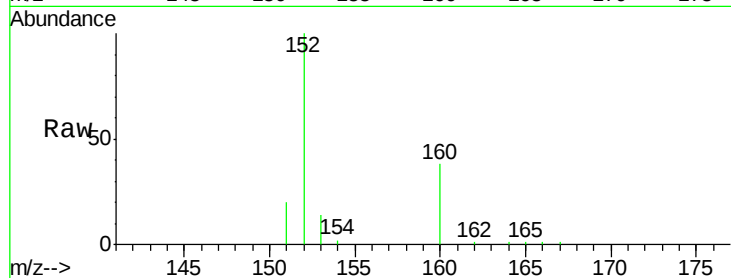
ClientSampled :

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Tgt Ion:	152	Resp:	16071
Ion Ratio		Lower	Upper
152	100		
151	20.1	17.1	25.7
153	14.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.308 ng/ul

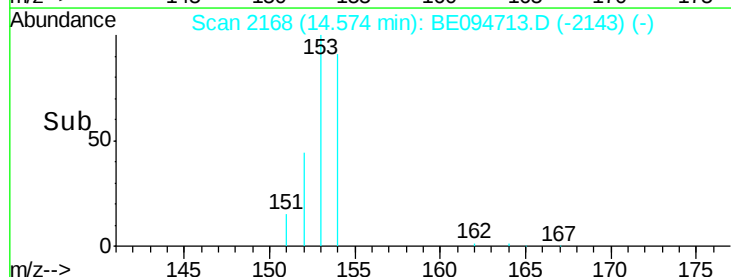
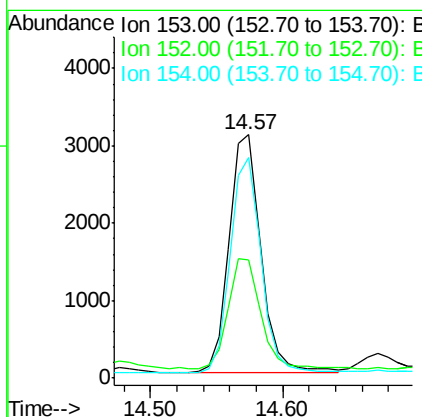
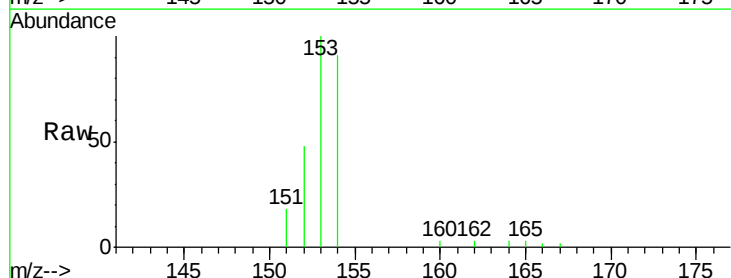
RT: 14.57 min Scan# 2168

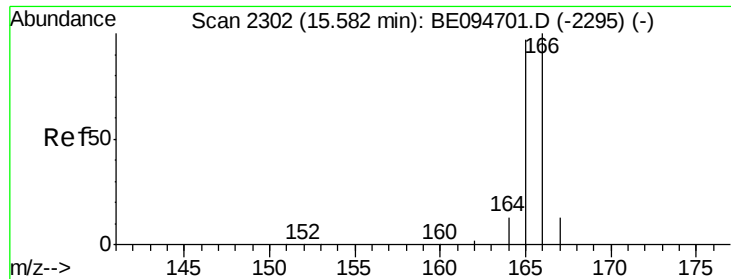
Delta R.T. -0.02 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Tgt Ion:	153	Resp:	5127
Ion Ratio		Lower	Upper
153	100		
152	48.4	36.0	54.0
154	90.8	72.0	108.0





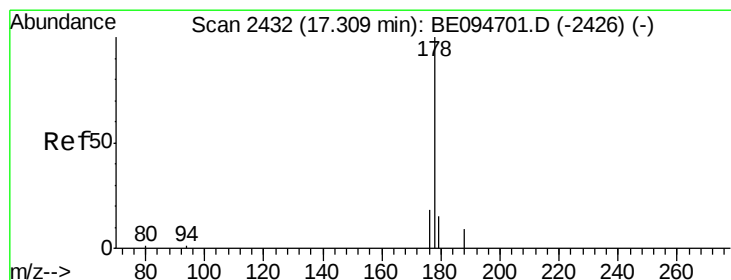
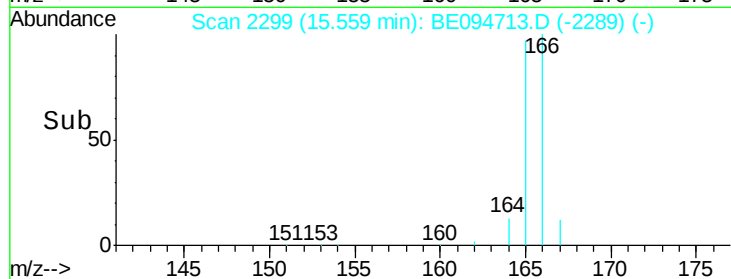
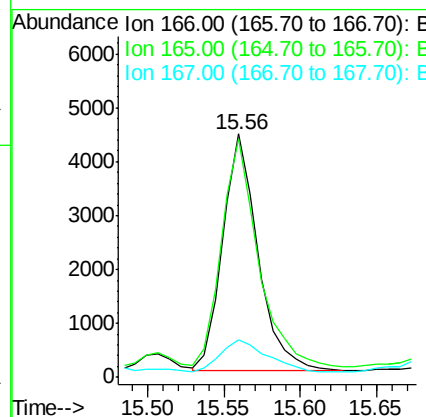
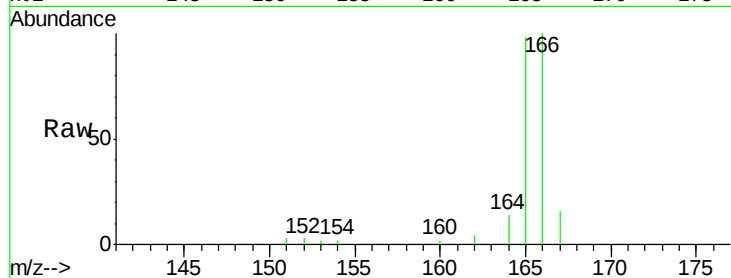
#9
Fluorene
 Concen: 0.376 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094713.D
 Acq: 3 Nov 2017 18:31

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	73.4	110.2
167	15.6	14.6	22.0

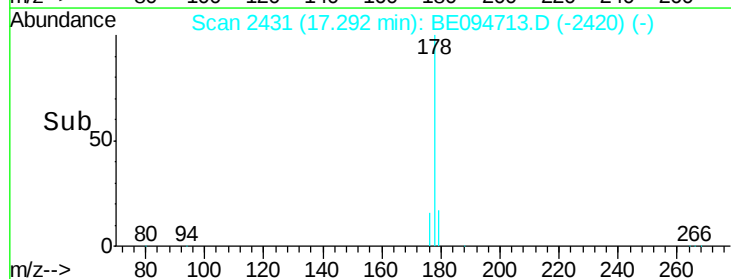
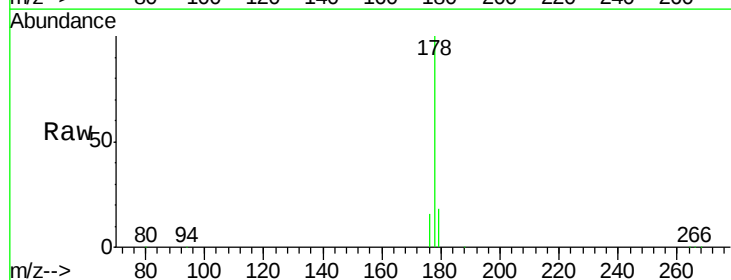
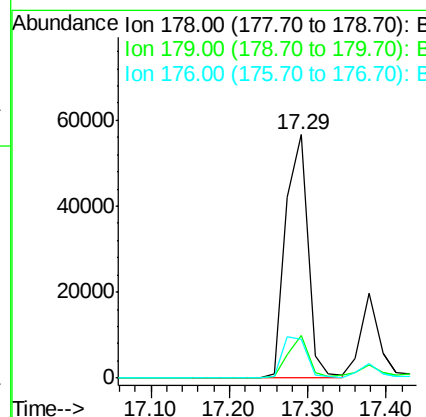
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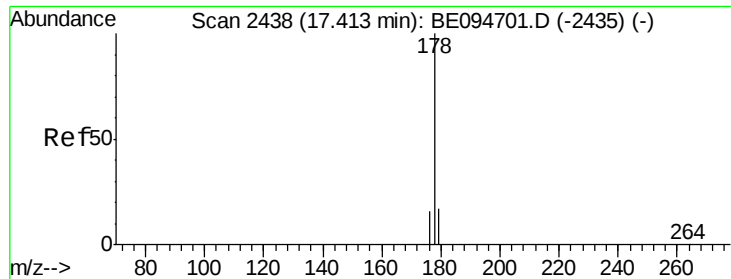
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#12
Phenanthrene
 Concen: 3.799 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094713.D
 Acq: 3 Nov 2017 18:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.4	27.6#
176	15.8	13.6	20.4





#13

Anthracene

Concen: 1.139 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.03 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Instrument :

BNA_E

ClientSampleId :

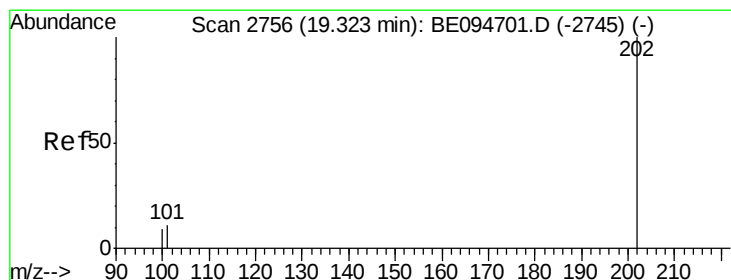
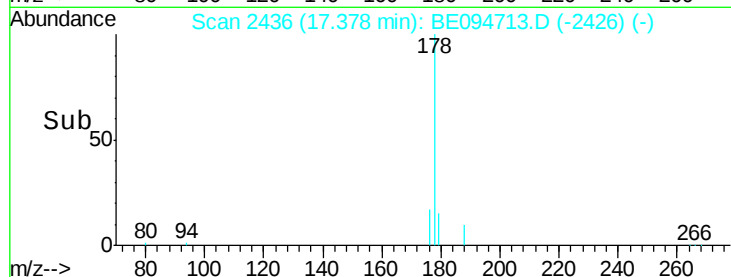
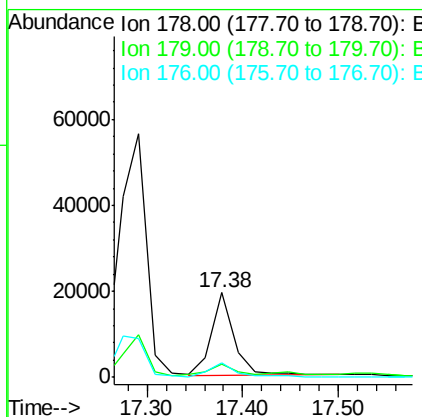
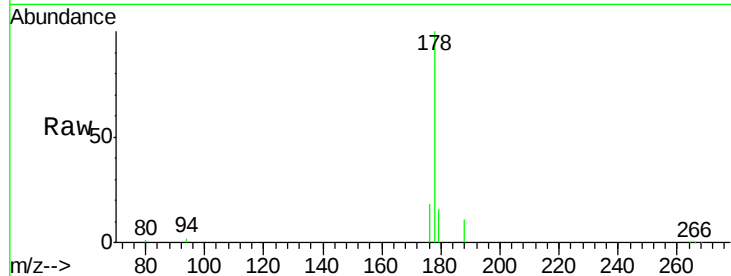
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Tgt Ion:178 Resp: 32484

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	17.9	14.7	22.1

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#15

Fluoranthene

Concen: 8.258 ng/ul

RT: 19.30 min Scan# 2751

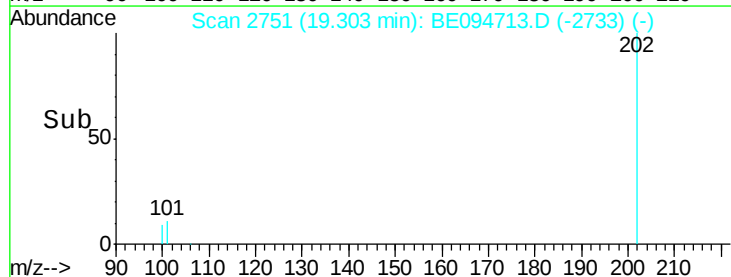
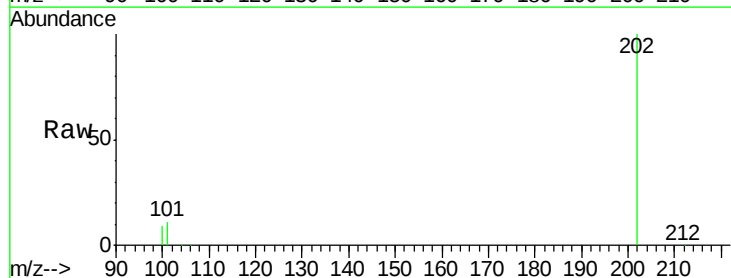
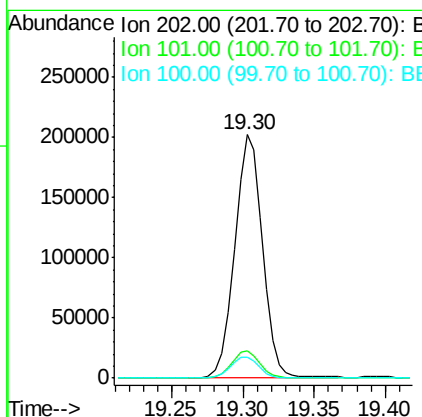
Delta R.T. -0.02 min

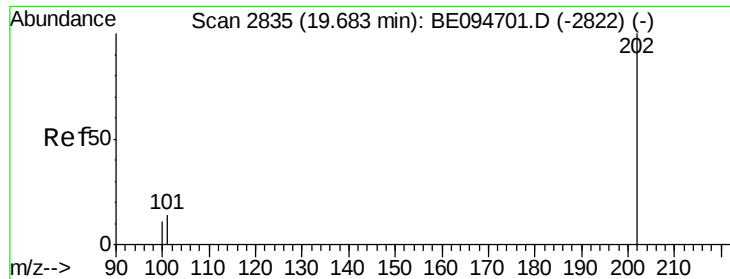
Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Tgt Ion:202 Resp: 275857

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.9	0.0	39.5





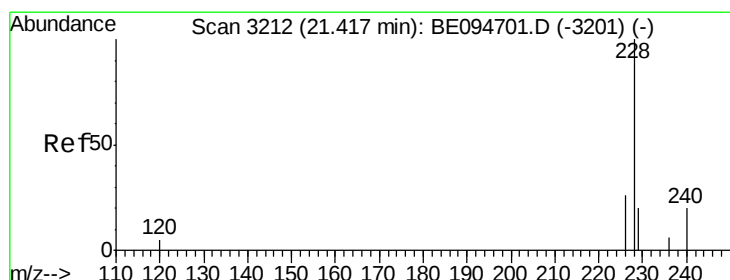
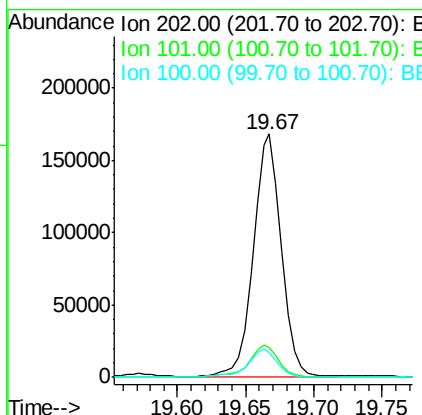
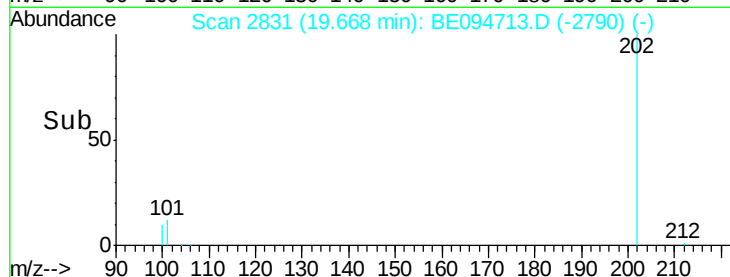
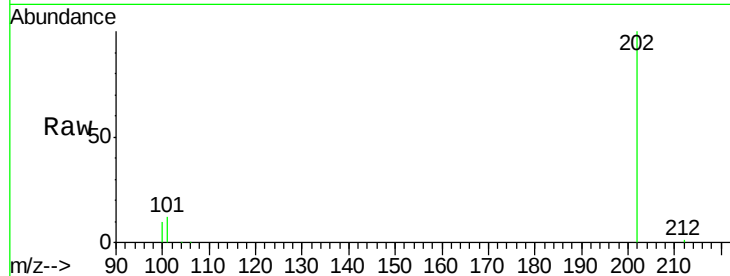
#17
 Pyrene
 Concen: 7.167 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.02 min
 Lab File: BE094713.D
 Acq: 3 Nov 2017 18:31

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	18.2	27.4#
100	10.2	15.6	23.4#

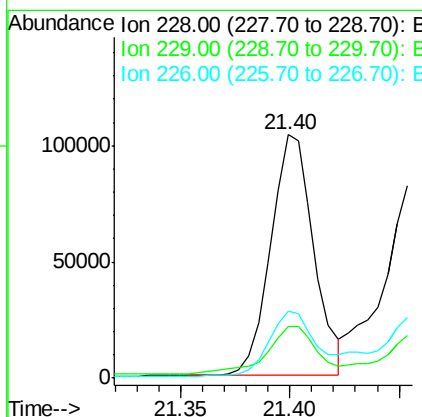
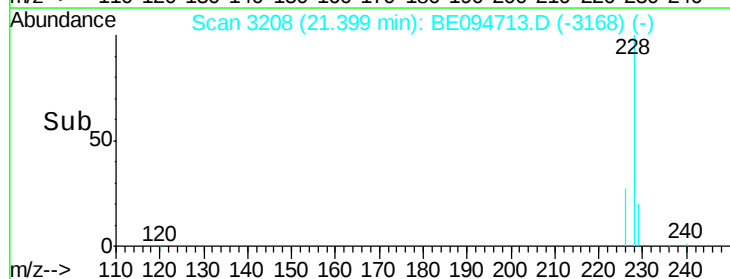
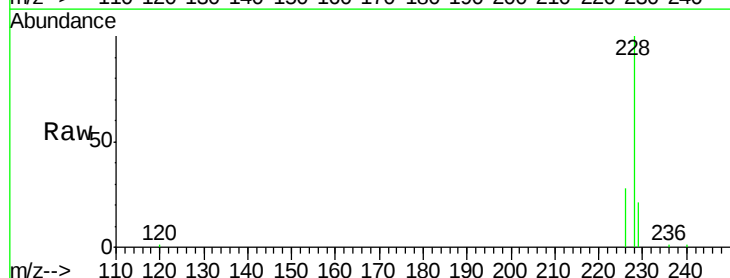
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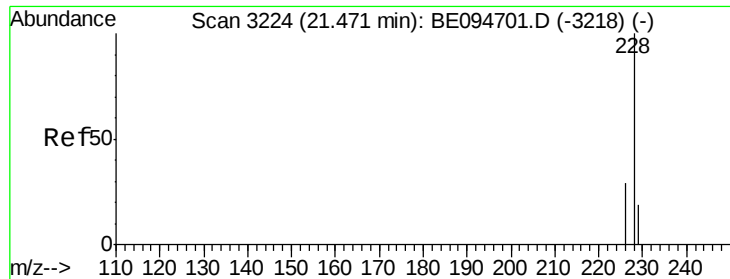
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#18
 Benzo(a)anthracene
 Concen: 4.630 ng/ul
 RT: 21.40 min Scan# 3208
 Delta R.T. -0.02 min
 Lab File: BE094713.D
 Acq: 3 Nov 2017 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 4.247 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Instrument :

BNA_E

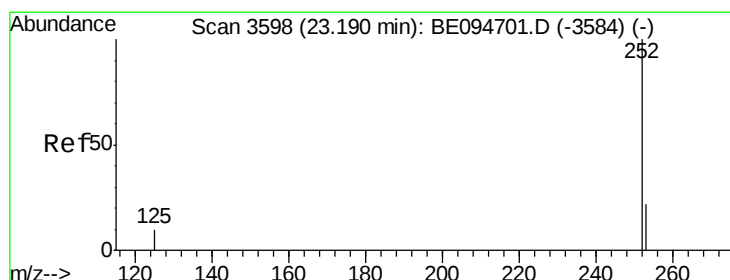
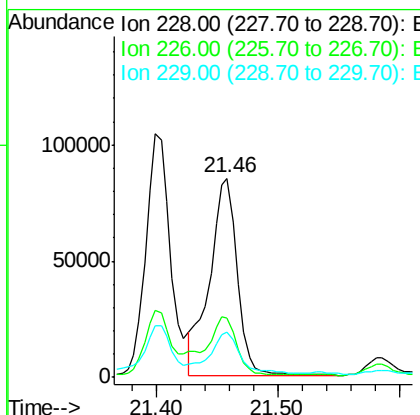
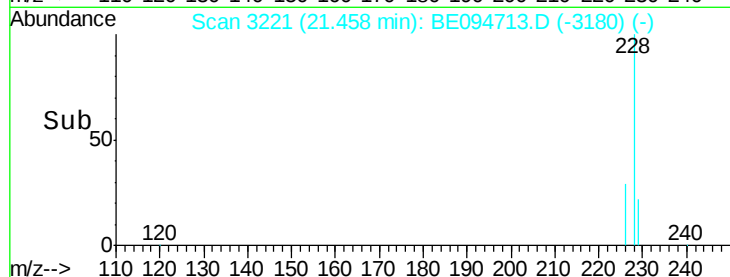
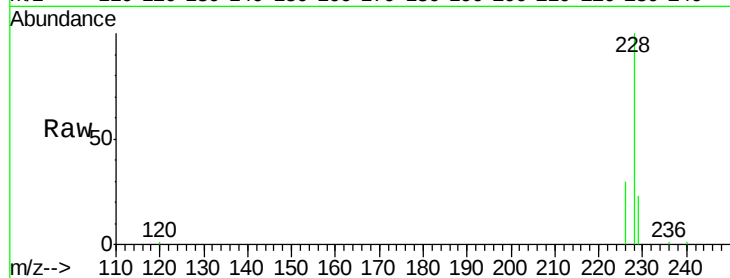
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Tgt Ion:	228	Resp:	134756
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	22.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.732 ng/ul m

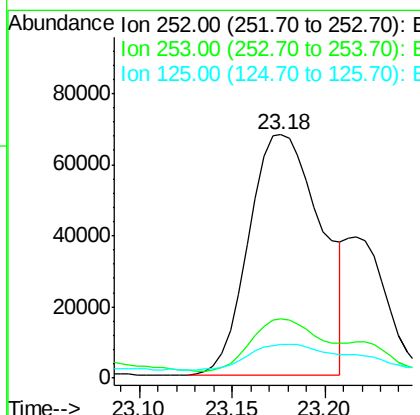
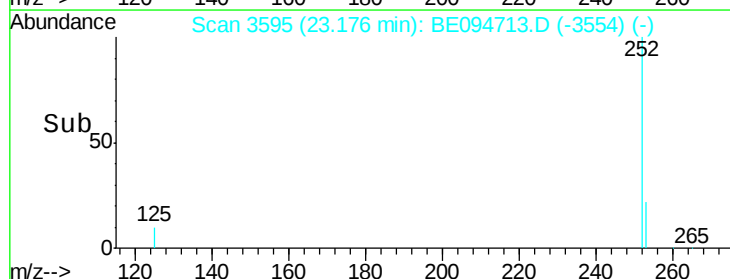
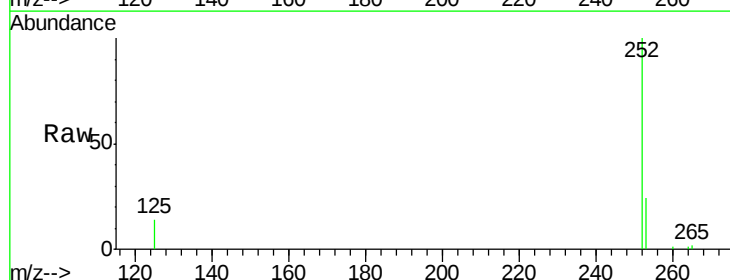
RT: 23.18 min Scan# 3595

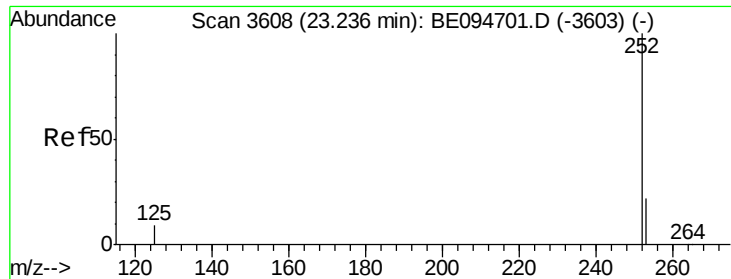
Delta R.T. -0.01 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Tgt Ion:	252	Resp:	184232
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	64.2
125	13.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.748 ng/ul

RT: 23.22 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Instrument :

BNA_E

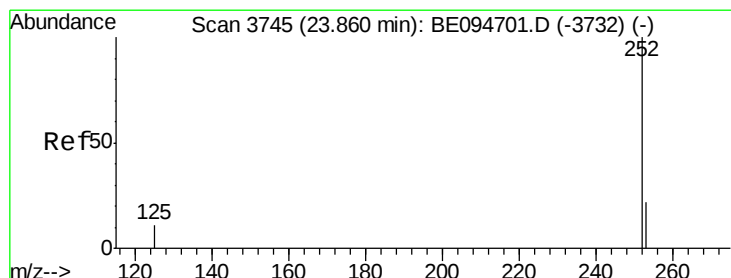
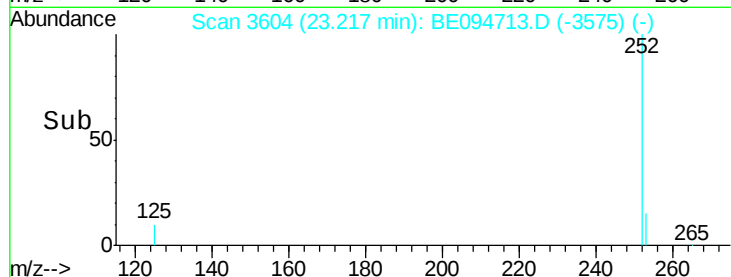
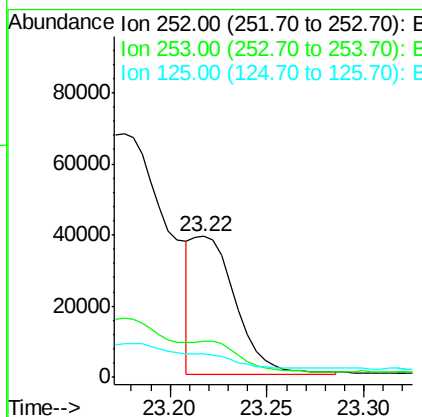
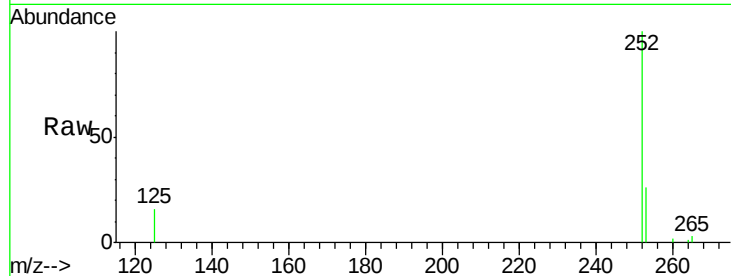
ClientSampled :

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Tgt Ion:	252	Resp:	60198
Ion Ratio	Lower	Upper	
252	100		
253	26.0	24.5	36.7
125	16.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.933 ng/ul

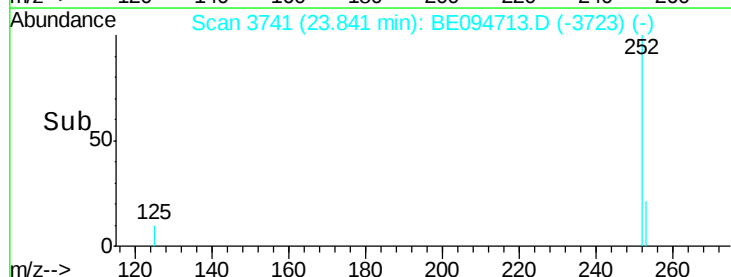
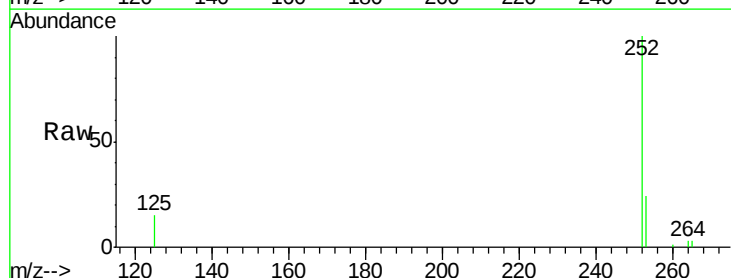
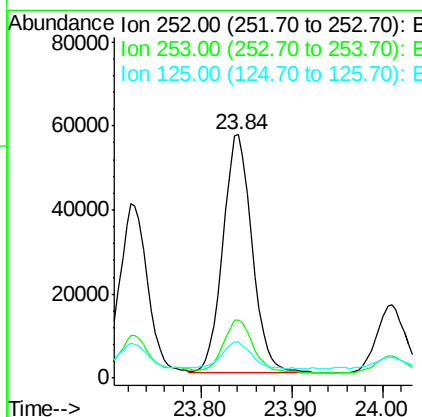
RT: 23.84 min Scan# 3741

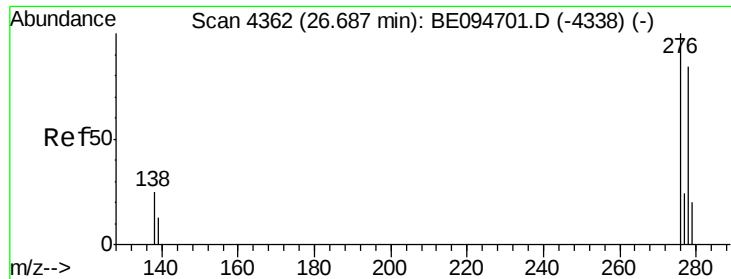
Delta R.T. -0.02 min

Lab File: BE094713.D

Acq: 3 Nov 2017 18:31

Tgt Ion:	252	Resp:	126347
Ion Ratio	Lower	Upper	
252	100		
253	23.9	28.5	42.7#
125	14.7	18.1	27.1#





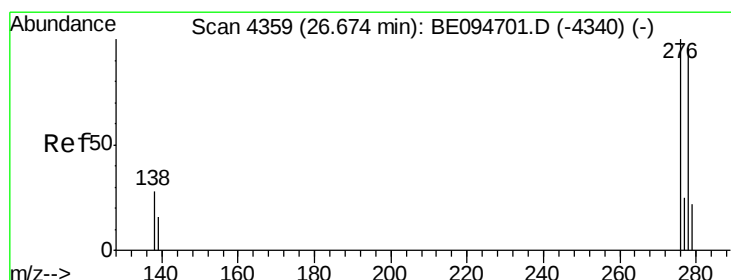
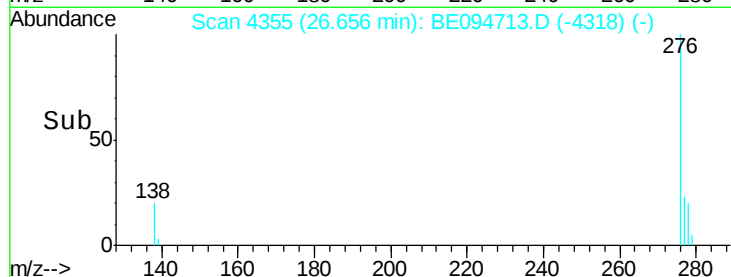
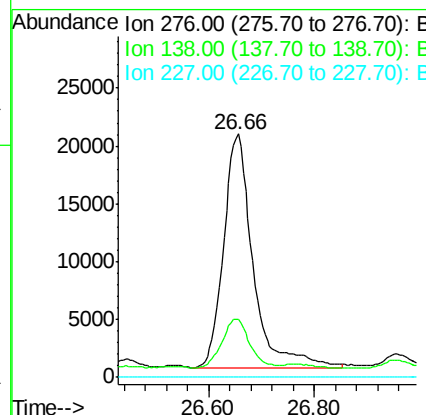
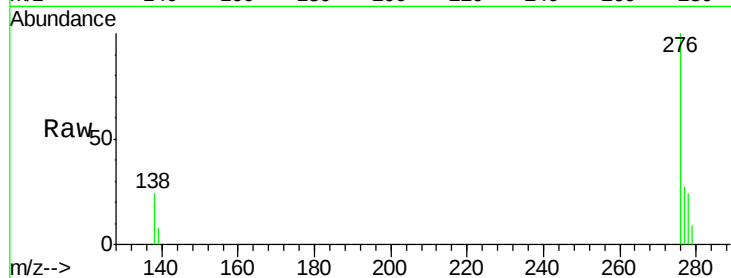
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.354 ng/u1
 RT: 26.66 min Scan# 4355
 Delta R.T. -0.03 min
 Lab File: BE094713.D
 Acq: 3 Nov 2017 18:31

Instrument :
 BNA_E
 ClientSampled :
 DUP-5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

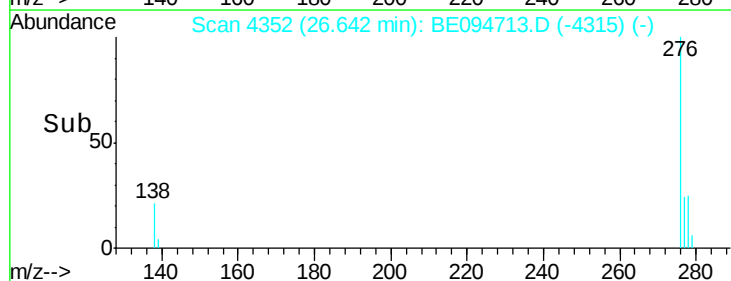
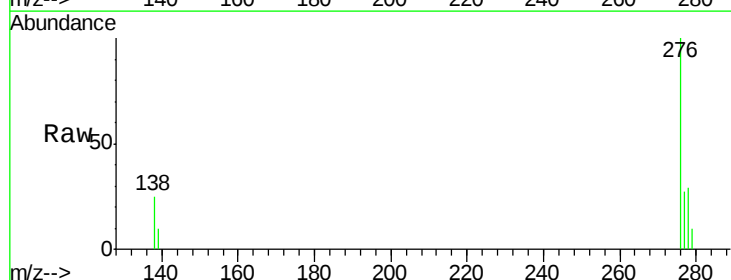
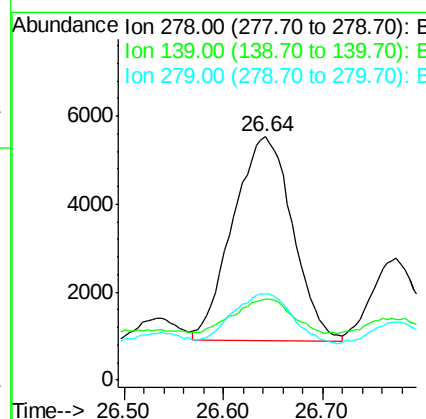
Manual Integrations
 APPROVED

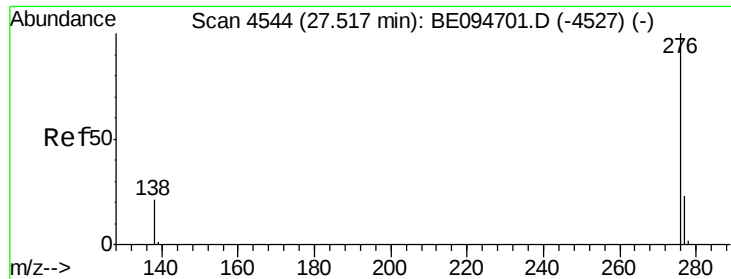
Sohil
 11/4/2017 2:15:28 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.689 ng/u1
 RT: 26.64 min Scan# 4352
 Delta R.T. -0.03 min
 Lab File: BE094713.D
 Acq: 3 Nov 2017 18:31

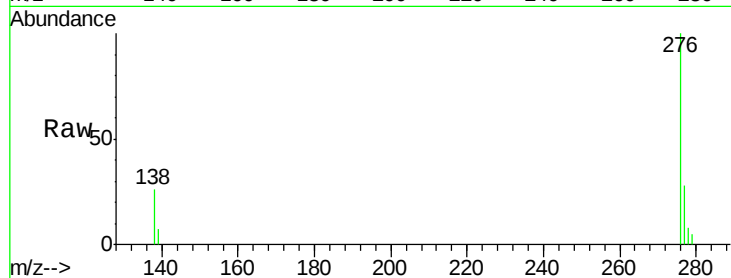
Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.3	17.4	26.0#
279	35.2	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 2.307 ng/ul
 RT: 27.50 min Scan# 4540
 Delta R.T. -0.02 min
 Lab File: BE094713.D
 Acq: 3 Nov 2017 18:31

Instrument :
 BNA_E
 ClientSampleId :
 DUP-5



Tgt	Ion	276	Resp:	61594
Ion	Ratio	Lower	Upper	
276	100			
138	25.6	21.8	32.8	
277	27.7	20.5	30.7	

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:15:28 PM

