

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617DL

Manual Integrations
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Quant Time: Oct 08 02:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1261	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6834	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3854	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8345	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	8523	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	8224	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	578	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	1451m	0.05	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.74	128	14008	0.84	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	5382	0.50	ng/ul	98
7) Acenaphthylene	14.24	152	5735	0.38	ng/ul	98
8) Acenaphthene	14.57	153	8305	0.67	ng/ul	97
9) Fluorene	15.56	166	8584	0.59	ng/ul	93
12) Phenanthrene	17.29	178	203337	9.32	ng/ul#	93
13) Anthracene	17.38	178	47853	2.26	ng/ul#	92
15) Fluoranthene	19.30	202	358585	12.51	ng/ul	84
17) Pyrene	19.66	202	339558	14.32	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	191498	8.47	ng/ul#	86
19) Chrysene	21.45	228	190742	7.30	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	240260m	10.75	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	82902m	3.21	ng/ul	
23) Benzo(a)pyrene	23.81	252	177573	7.65	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.58	276	125255	5.27	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.58	278	32067	1.61	ng/ul#	89
26) Benzo(g,h,i)perylene	27.39	276	113655	5.55	ng/ul	98

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

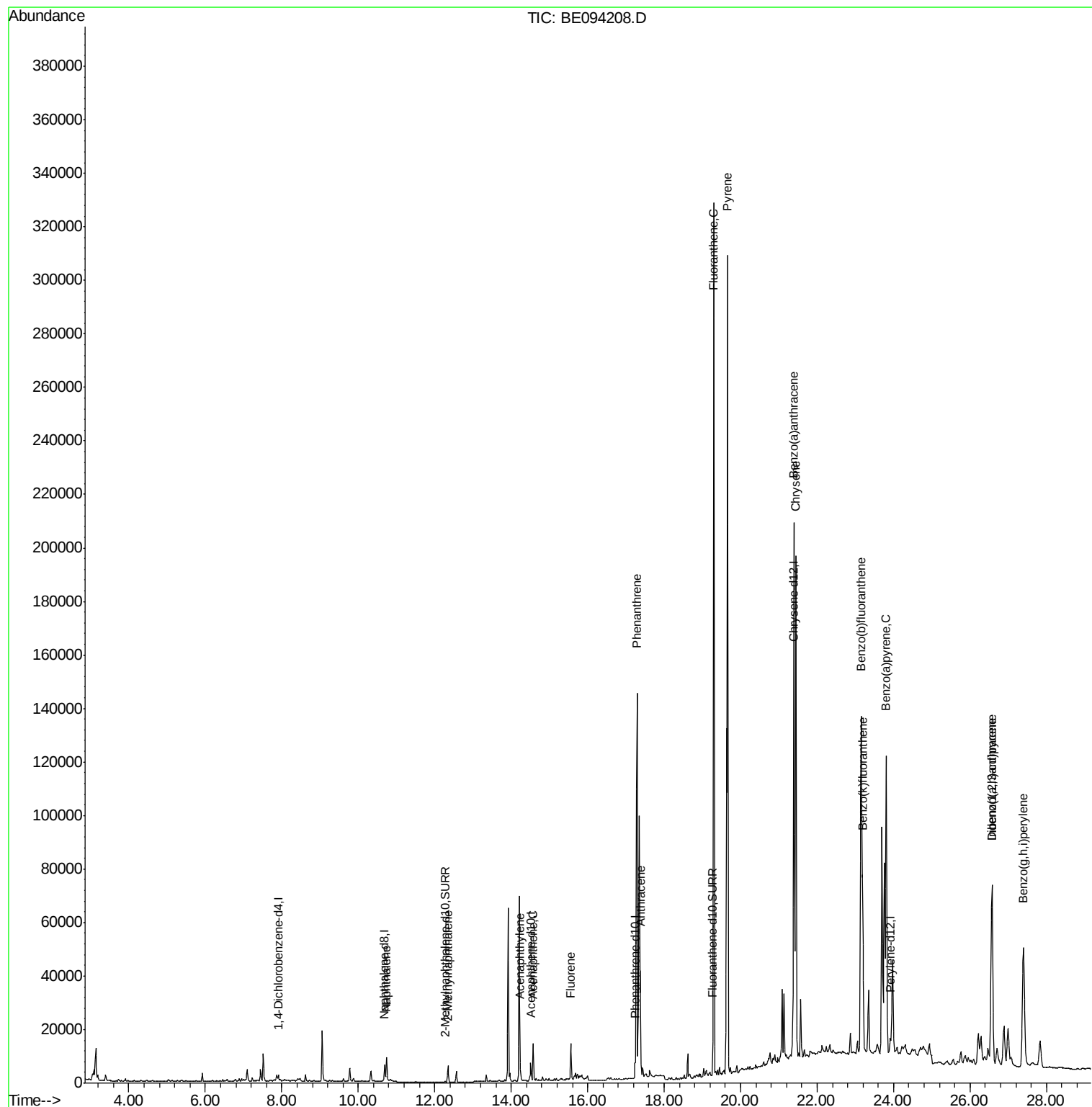
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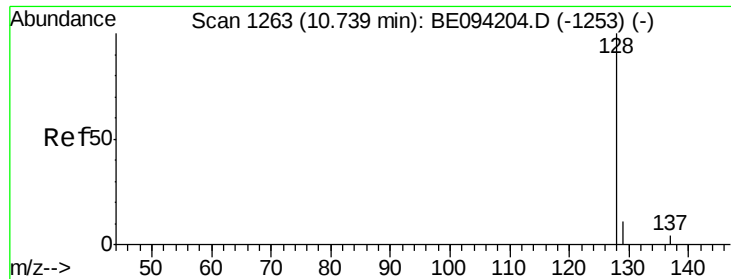
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#3

Naphthalene

Concen: 0.84 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Instrument :

BNA_E

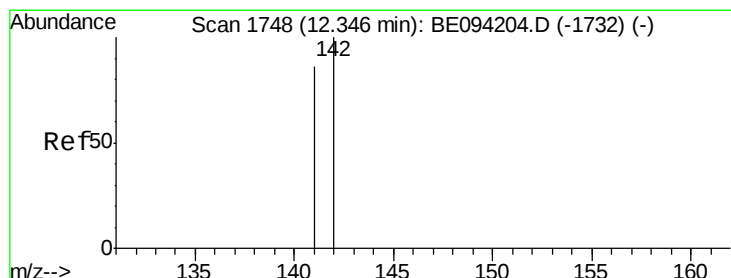
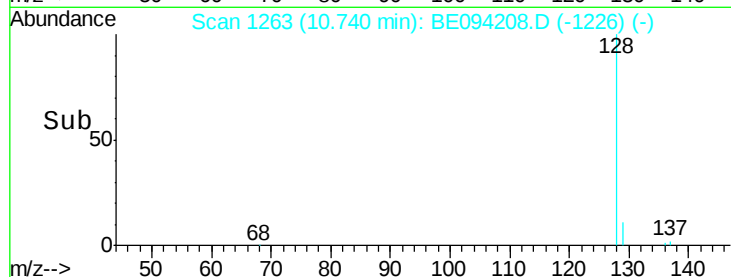
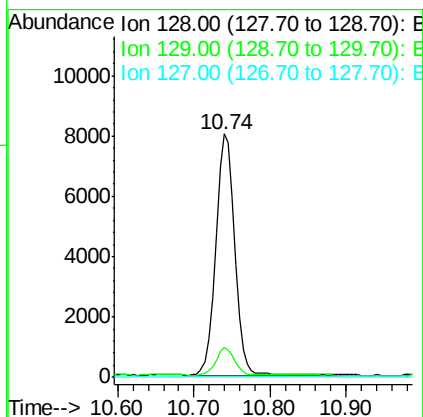
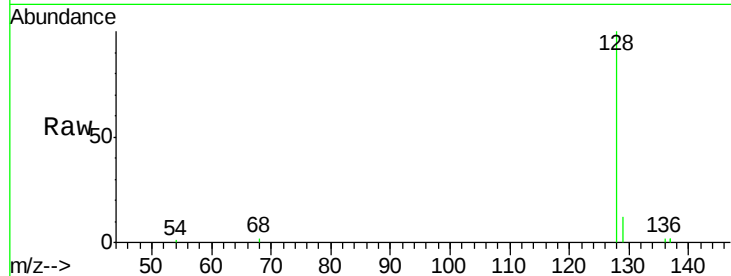
ClientSampleId :

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Tgt Ion:	128	Resp:	14008
Ion Ratio	Lower	Upper	
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.50 ng/ul

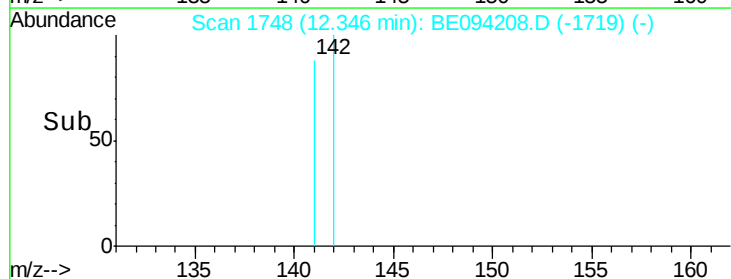
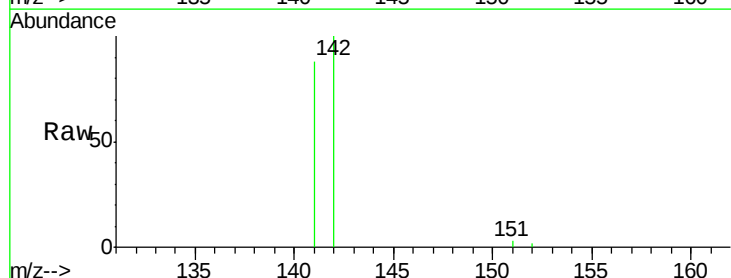
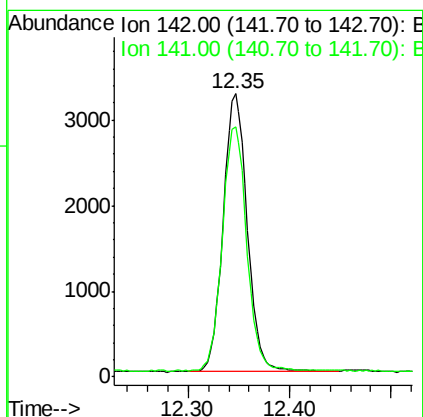
RT: 12.35 min Scan# 1748

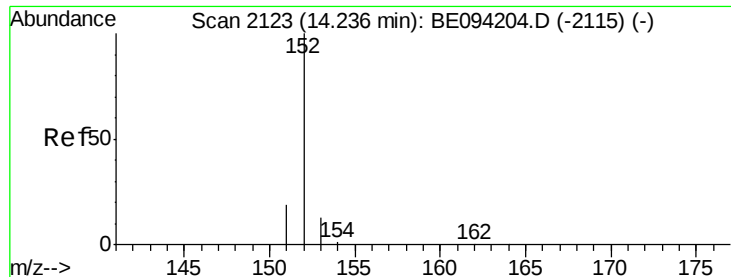
Delta R.T. -0.01 min

Lab File: BE094208.D

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Tgt Ion:	142	Resp:	5382
Ion Ratio	Lower	Upper	
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.38 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Instrument :

BNA_E

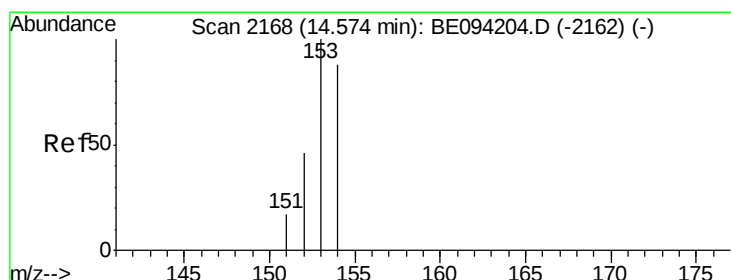
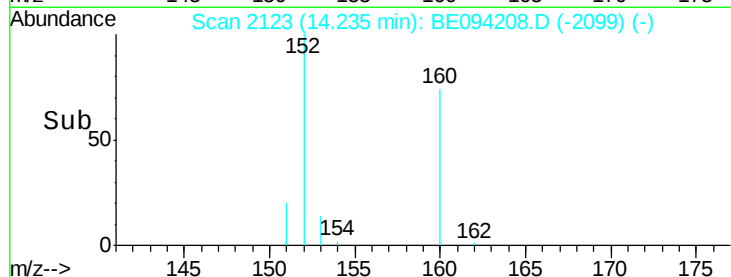
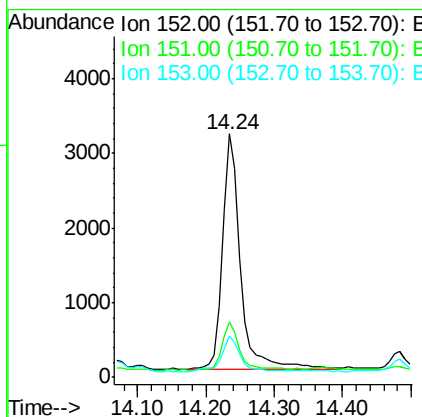
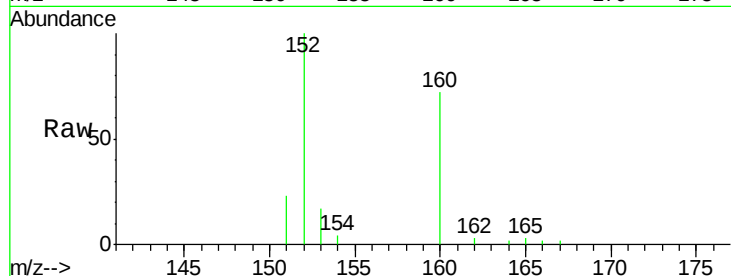
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Tgt Ion:	152	Resp:	5735
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	16.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.67 ng/ul

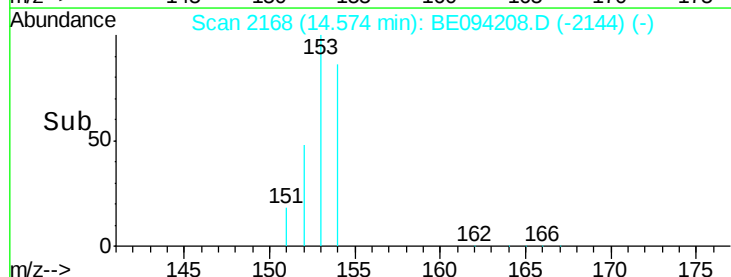
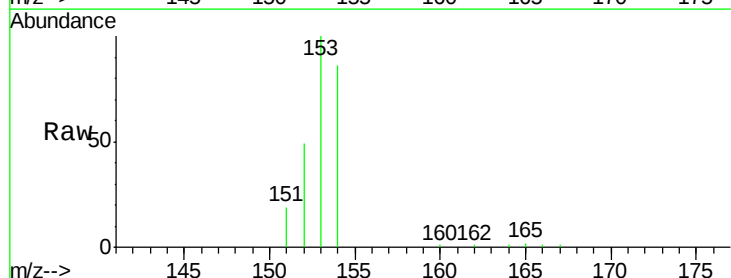
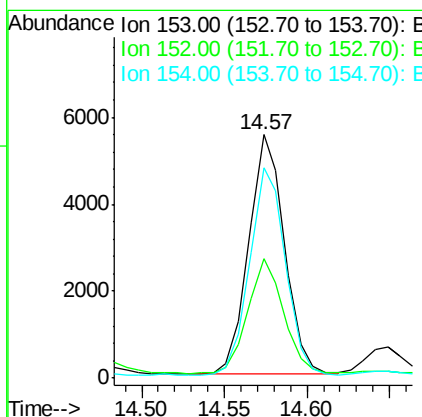
RT: 14.57 min Scan# 2168

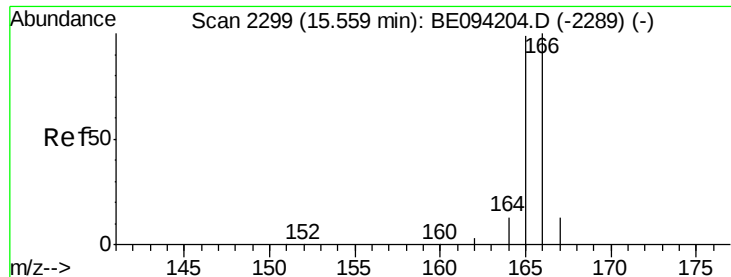
Delta R.T. -0.02 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Tgt Ion:	153	Resp:	8305
Ion Ratio	Lower	Upper	
153	100		
152	49.1	40.3	60.5
154	86.4	71.4	107.2





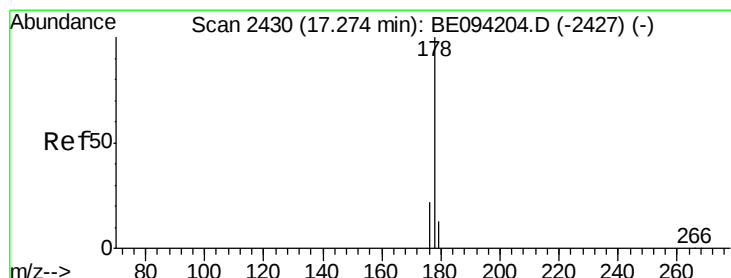
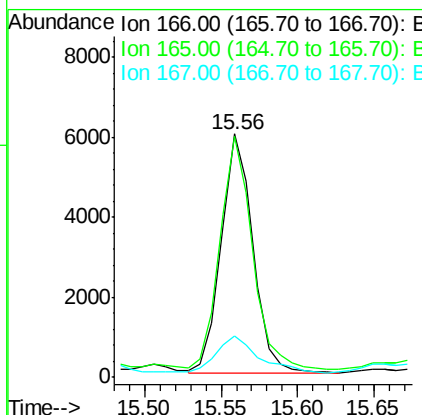
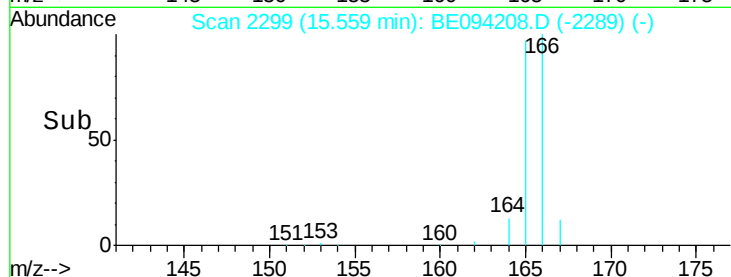
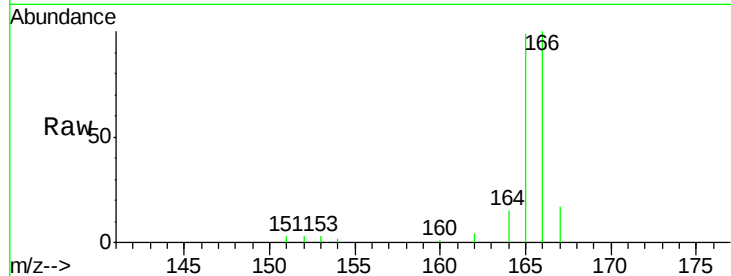
#9
Fluorene
 Concen: 0.59 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094208.D
 Acq: 7 Oct 2017 18:32

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	16.9	14.6	22.0

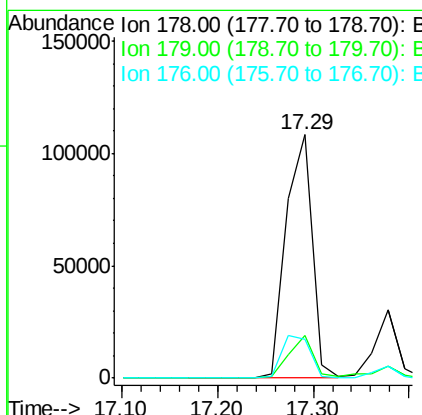
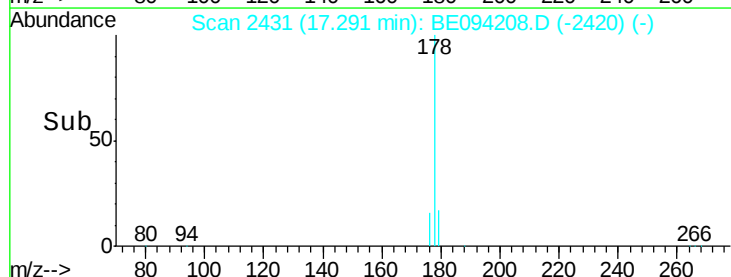
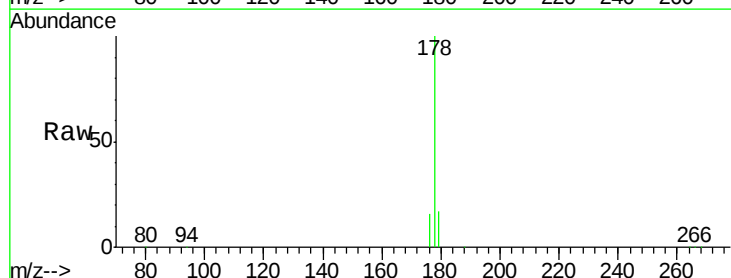
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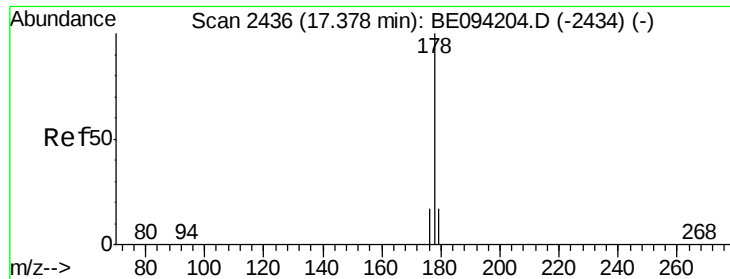
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#12
Phenanthrene
 Concen: 9.32 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094208.D
 Acq: 7 Oct 2017 18:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.4	27.6#
176	16.1	13.6	20.4





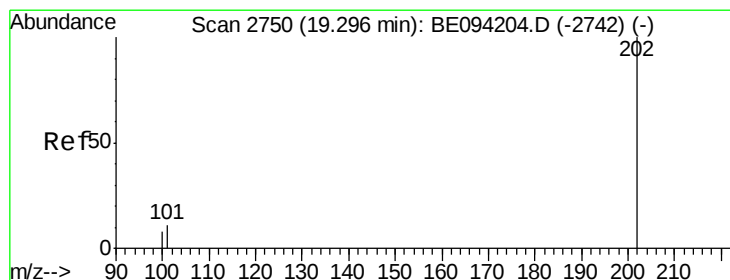
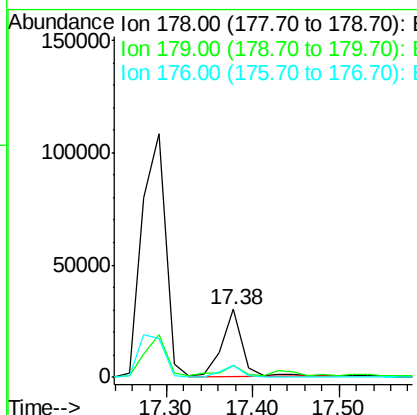
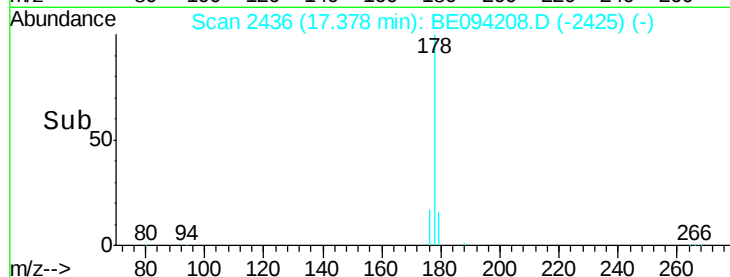
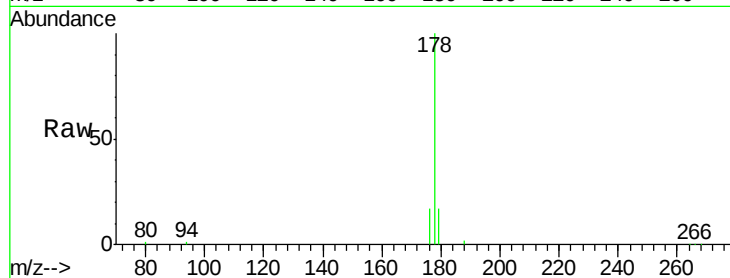
#13
 Anthracene
 Concen: 2.26 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094208.D
 Acq: 7 Oct 2017 18:32

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	17.0	14.7	22.1

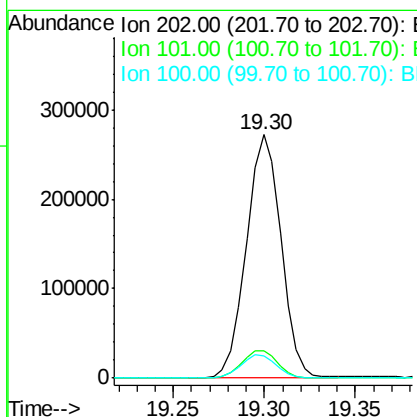
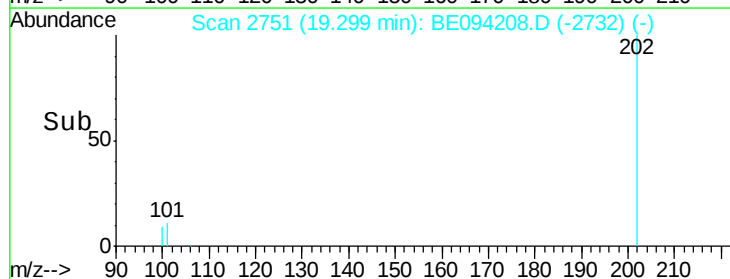
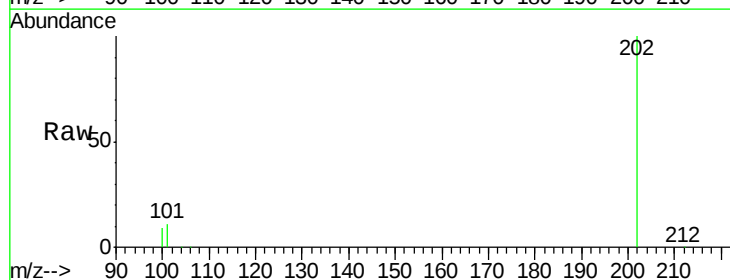
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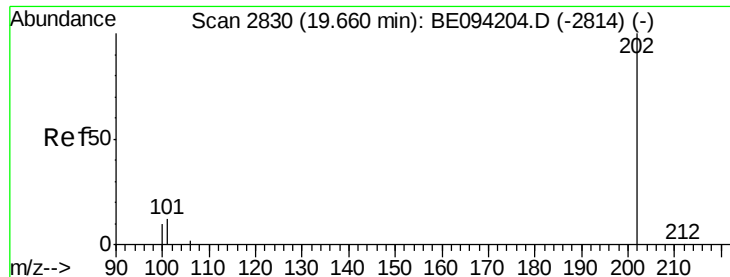
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#15
 Fluoranthene
 Concen: 12.51 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094208.D
 Acq: 7 Oct 2017 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	9.1	0.0	39.5





#17

Pyrene

Concen: 14.32 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Instrument :

BNA_E

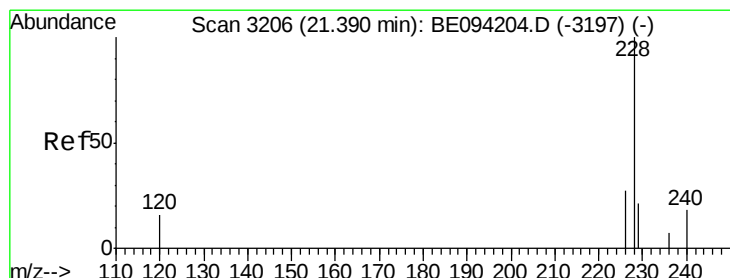
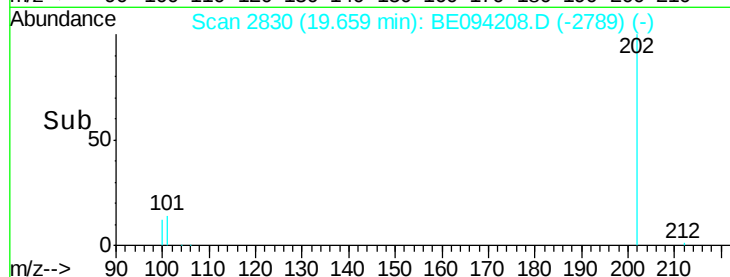
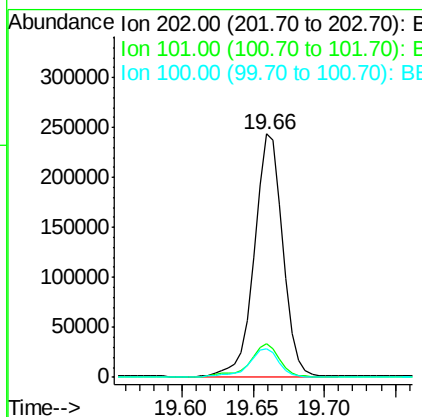
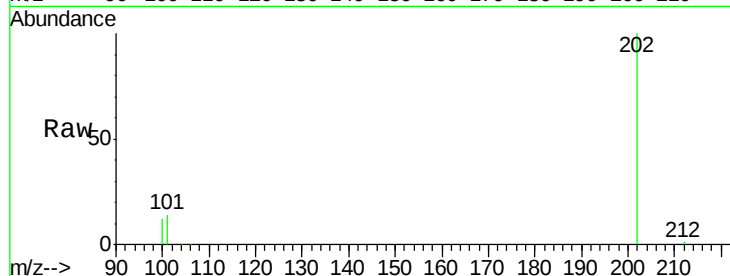
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Tgt Ion:	202	Resp:	339558
Ion Ratio	Lower	Upper	
202	100		
101	13.6	18.2	27.4#
100	11.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 8.47 ng/ul

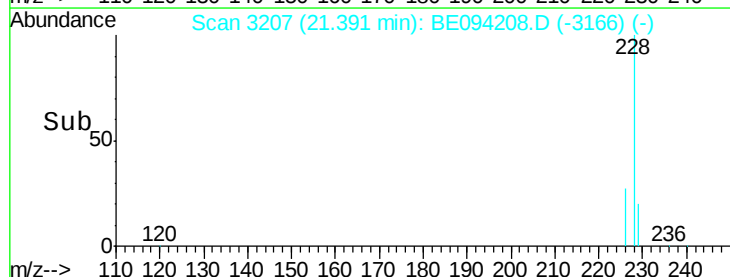
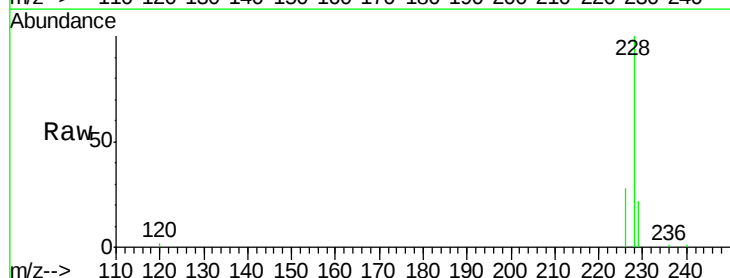
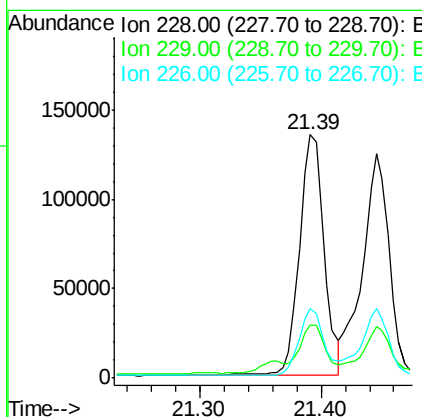
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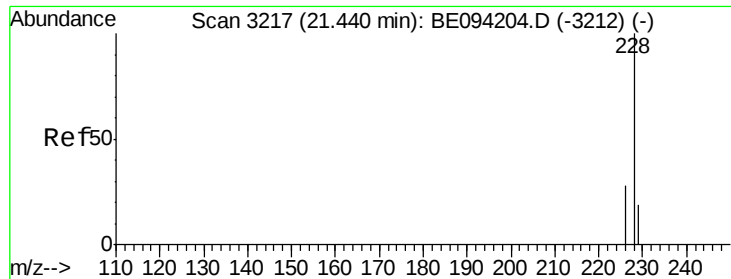
Delta R.T. -0.01 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Tgt Ion:	228	Resp:	191498
Ion Ratio	Lower	Upper	
228	100		
229	21.9	22.8	34.2#
226	28.3	17.0	25.6#





#19

Chrysene

Concen: 7.30 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Instrument :

BNA_E

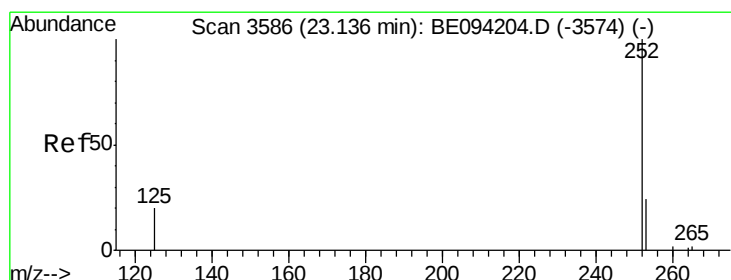
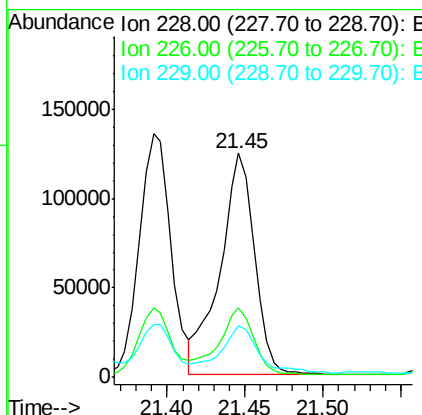
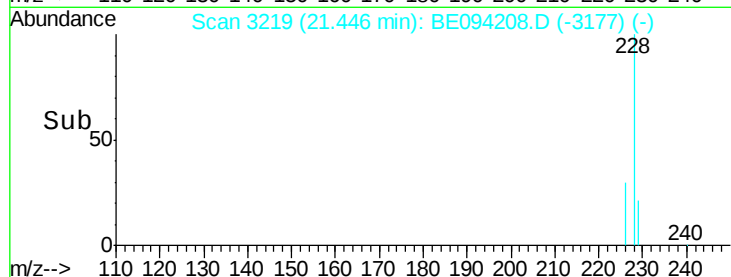
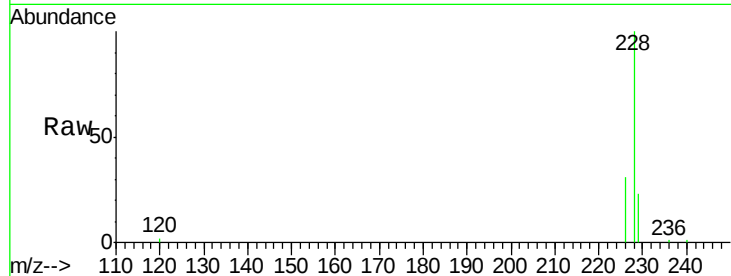
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Tgt Ion:	228	Resp:	190742
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	23.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 10.75 ng/ul m

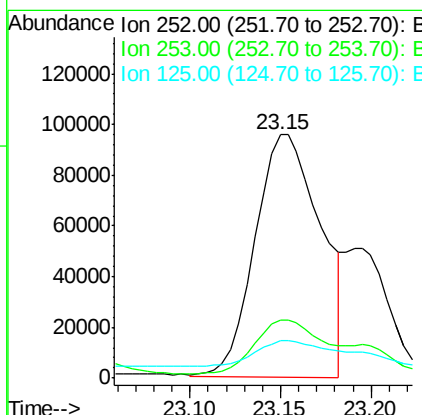
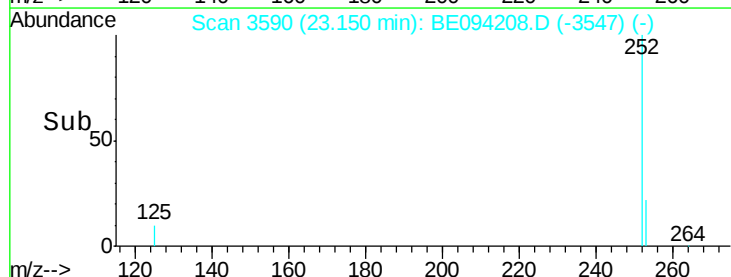
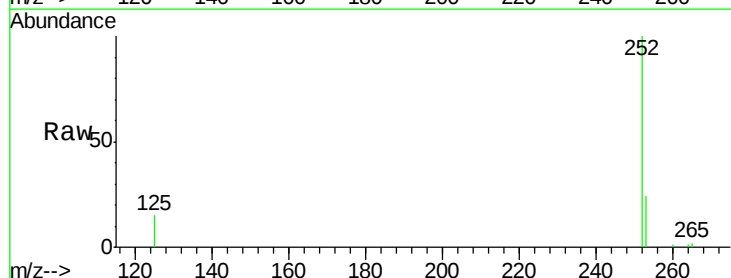
RT: 23.15 min Scan# 3590

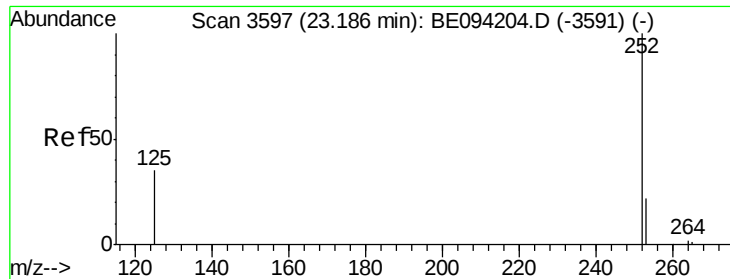
Delta R.T. -0.00 min

Lab File: BE094208.D

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Tgt Ion:	252	Resp:	240260
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	15.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.21 ng/ul m

RT: 23.20 min Scan# 3600

Delta R.T. -0.01 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Instrument :

BNA_E

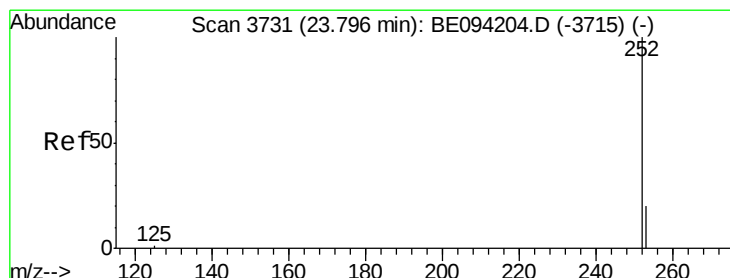
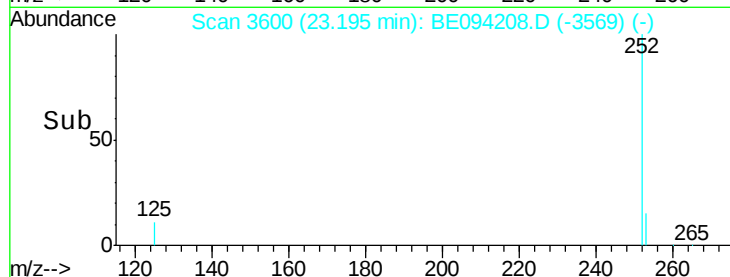
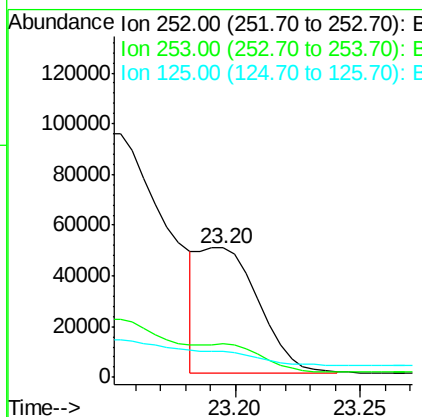
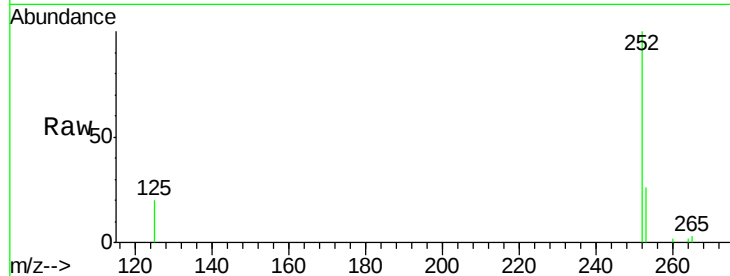
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	24.5	36.7
125	19.7	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 7.65 ng/ul

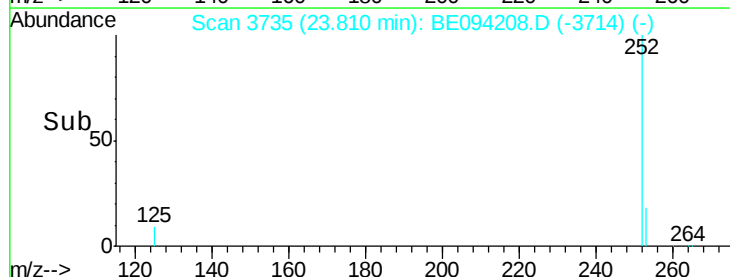
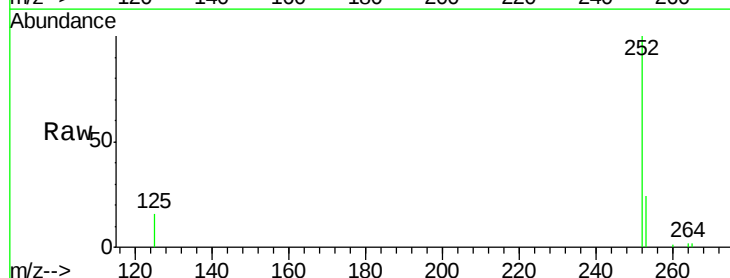
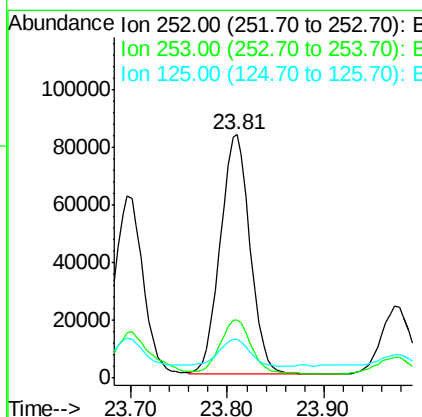
RT: 23.81 min Scan# 3735

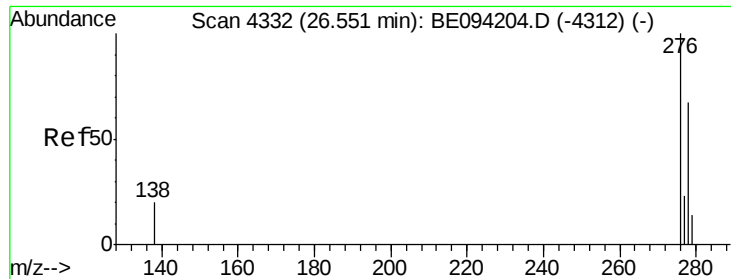
Delta R.T. -0.00 min

Lab File: BE094208.D

Acq: 7 Oct 2017 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.5	42.7#
125	16.1	18.1	27.1#





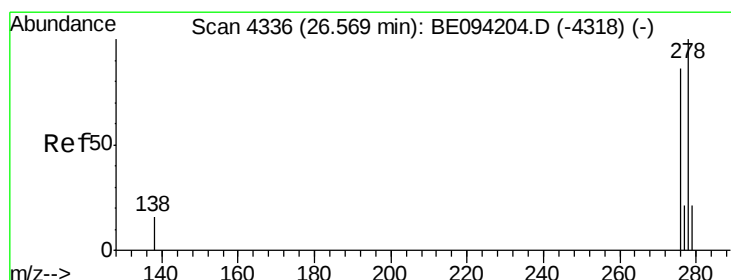
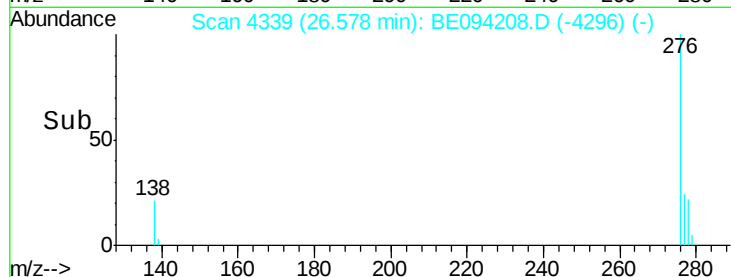
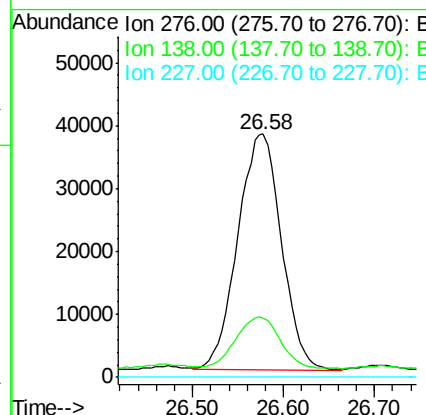
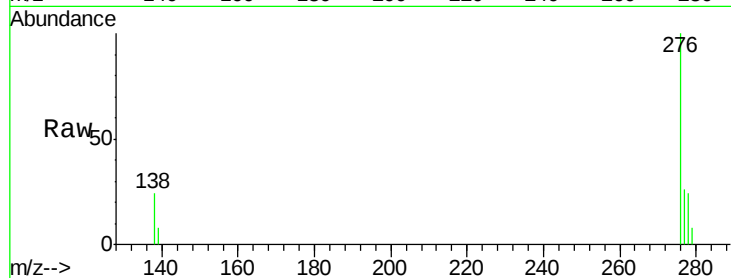
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.27 ng/ul
 RT: 26.58 min Scan# 4339
 Delta R.T. -0.01 min
 Lab File: BE094208.D
 Acq: 7 Oct 2017 18:32

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.2	28.0	42.0#
227	0.0	8.0	12.0#

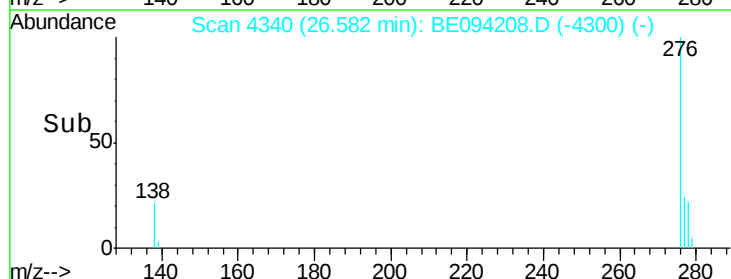
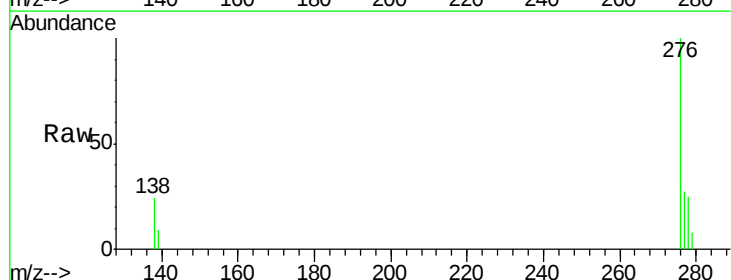
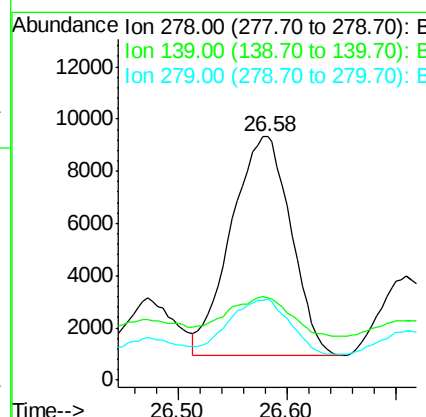
Manual Integrations
 APPROVED

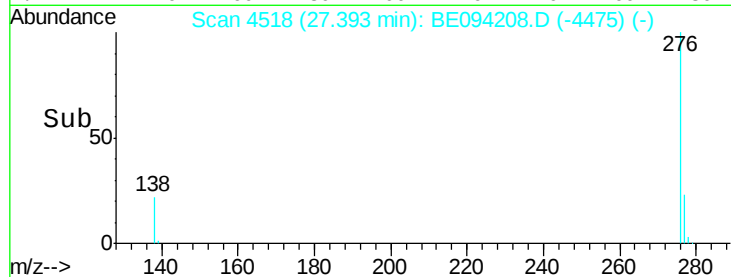
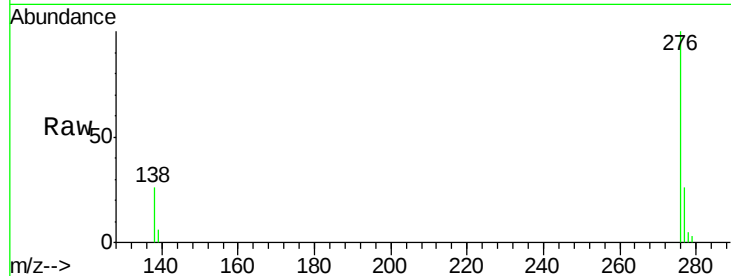
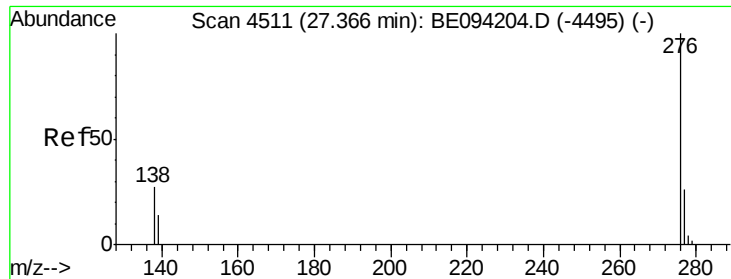
Sohil
 10/9/2017 6:53:03 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.61 ng/ul
 RT: 26.58 min Scan# 4340
 Delta R.T. -0.02 min
 Lab File: BE094208.D
 Acq: 7 Oct 2017 18:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	33.8	17.4	26.0#
279	33.0	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 5.55 ng/ul
RT: 27.39 min Scan# 4518
Delta R.T. -0.01 min
Lab File: BE094208.D
Acq: 7 Oct 2017 18:32

Instrument :
BNA_E
ClientSampleId :
B-60(FILL)-092617DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.8	21.8	32.8
277	25.9	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/9/2017 6:53:03 PM

