

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094541.D
 Acq On : 25 Oct 2017 20:05
 Operator : SJ/JU
 Sample : I5693-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-55(3.5-5)-100317

Manual Integrations
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Quant Time: Oct 26 12:11:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	1337	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7785	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4485	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9683	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9533	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10385	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	748	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1790	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	13353	0.702	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	3894	0.292	ng/ul	99
7) Acenaphthylene	14.24	152	1688	0.083	ng/ul#	83
8) Acenaphthene	14.57	153	10417	0.715	ng/ul	96
9) Fluorene	15.57	166	11736	0.717	ng/ul	95
12) Phenanthrene	17.29	178	120478	4.711	ng/ul#	91
13) Anthracene	17.38	178	34411	1.363	ng/ul#	91
15) Fluoranthene	19.31	202	246279	8.329	ng/ul	84
17) Pyrene	19.67	202	237750	8.067	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	132344	4.856	ng/ul#	88
19) Chrysene	21.46	228	125472	4.454	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	152792m	5.230	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	54288m	1.734	ng/ul	
23) Benzo(a)pyrene	23.84	252	119464	4.091	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.65	276	70443	2.331	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	17621	0.692	ng/ul#	72
26) Benzo(g,h,i)perylene	27.48	276	57702	2.378	ng/ul	94

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

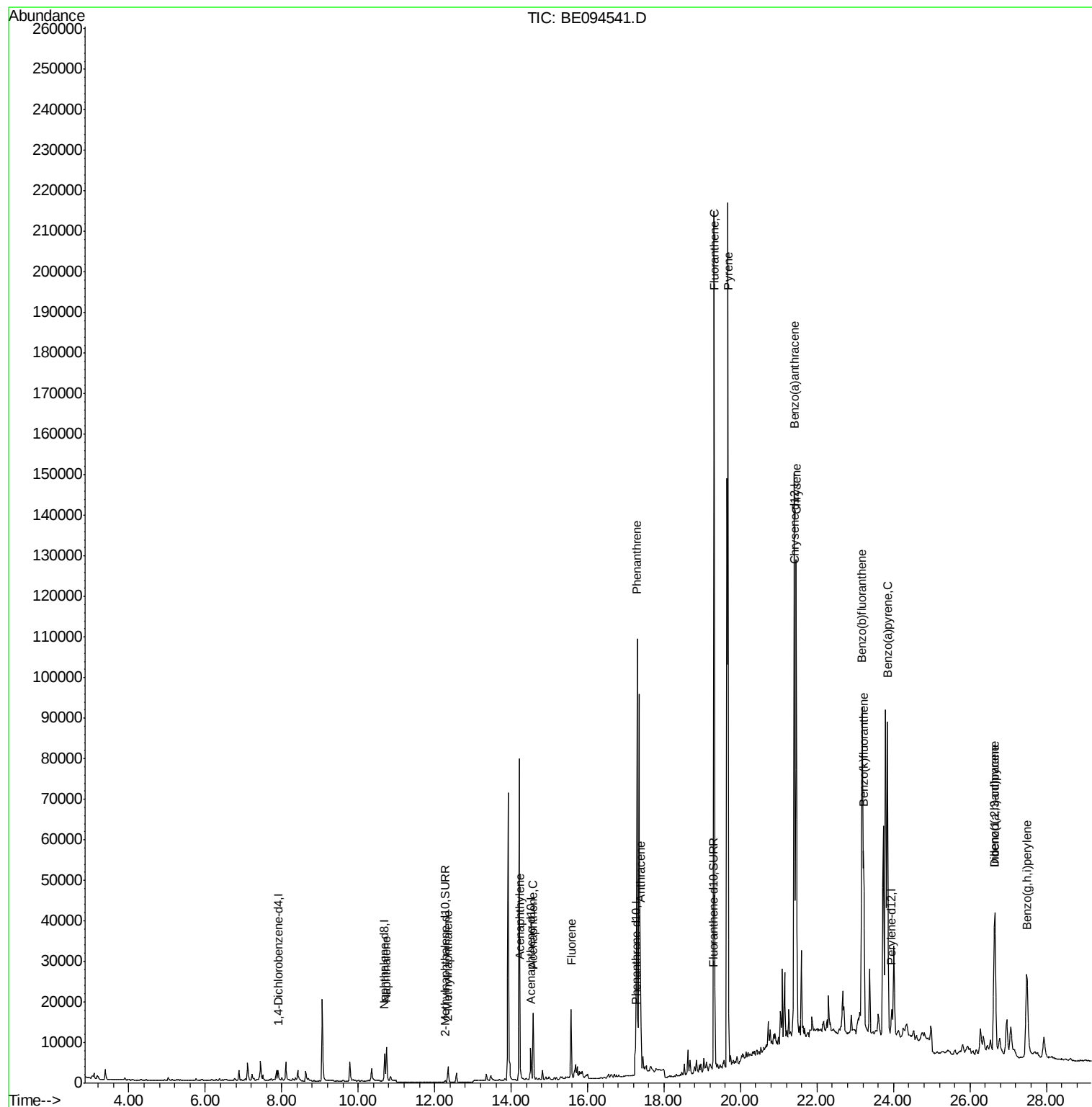
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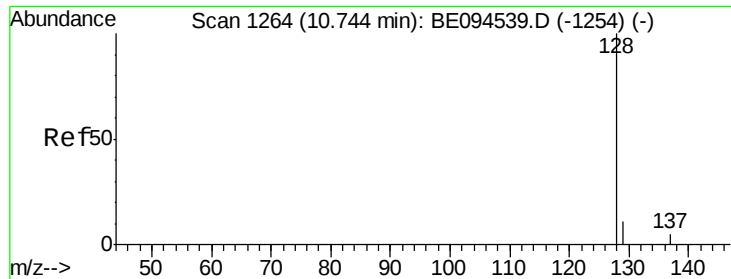
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#3

Naphthalene

Concen: 0.702 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Instrument :

BNA_E

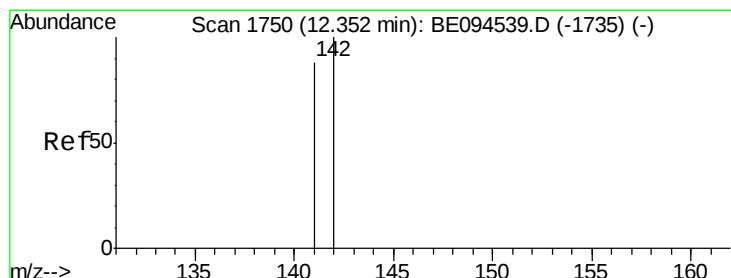
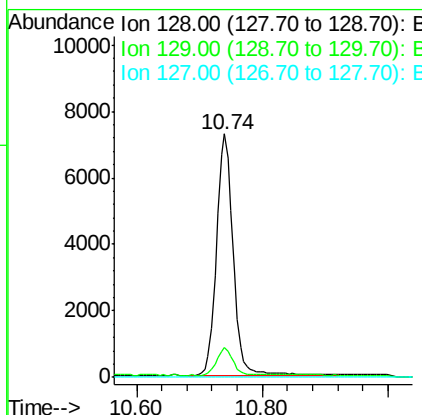
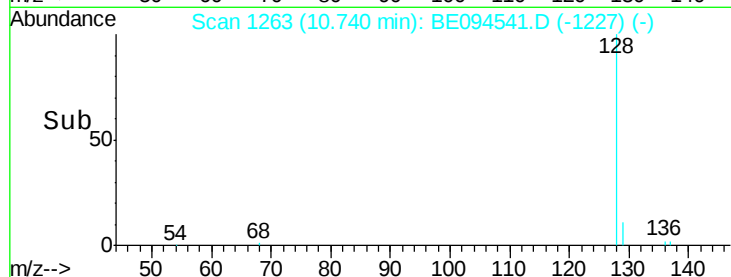
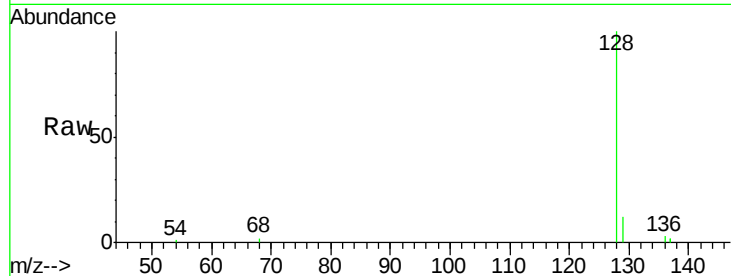
ClientSampleId :

B-55(3.5-5)-100317

Tgt Ion:	128	Resp:	13353
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: 0.292 ng/ul

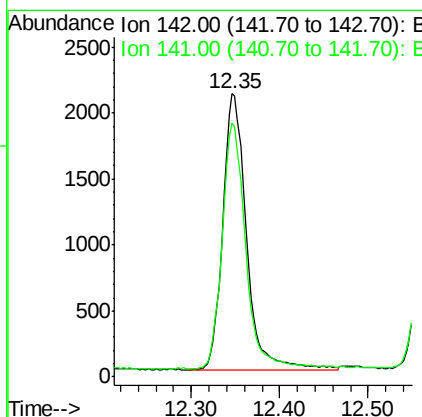
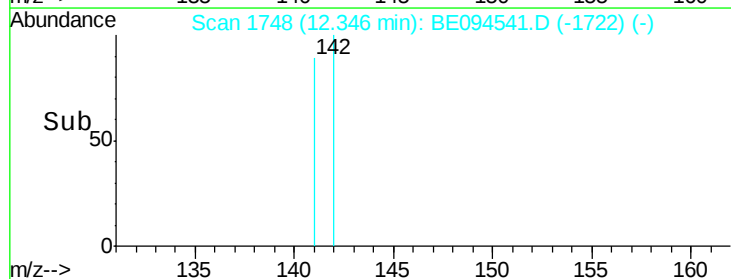
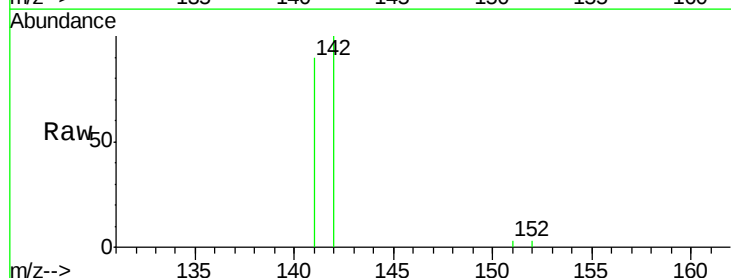
RT: 12.35 min Scan# 1748

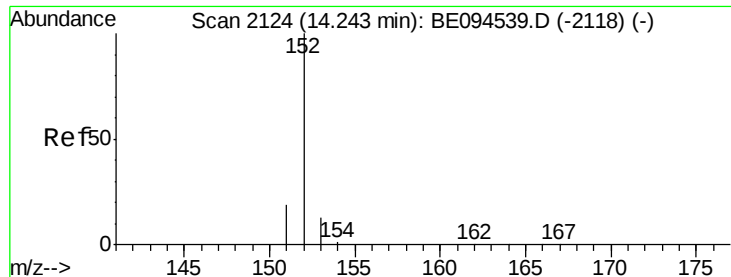
Delta R.T. -0.02 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Tgt Ion:	142	Resp:	3894
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.083 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Instrument :

BNA_E

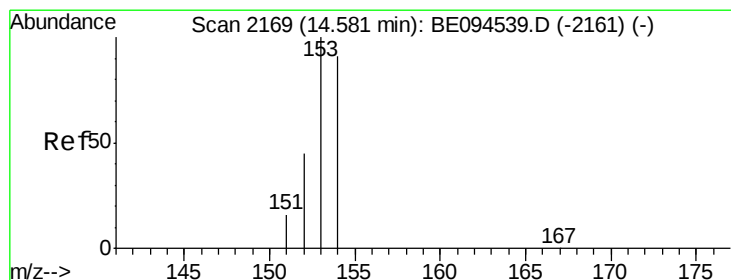
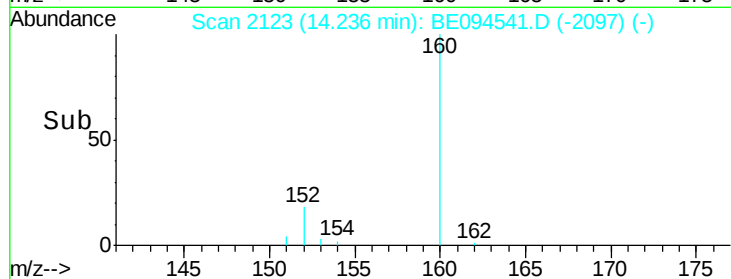
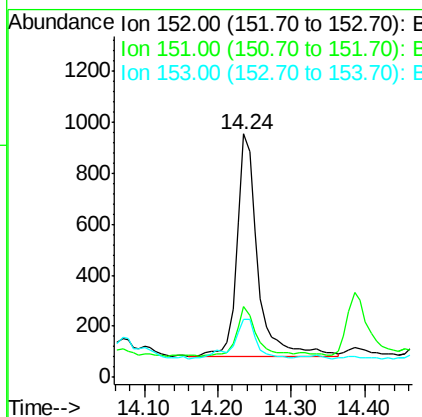
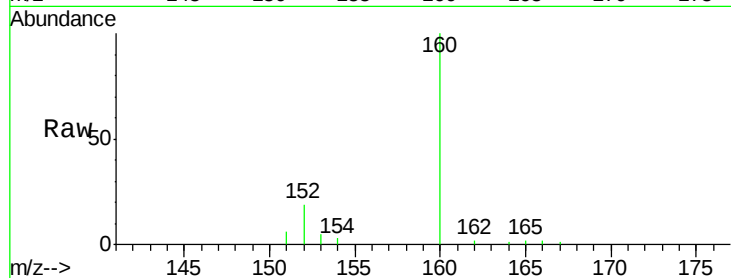
ClientSampleId :

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Tgt Ion:	152	Resp:	1688
Ion Ratio	Lower	Upper	
152	100		
151	28.9	17.1	25.7#
153	23.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.715 ng/ul

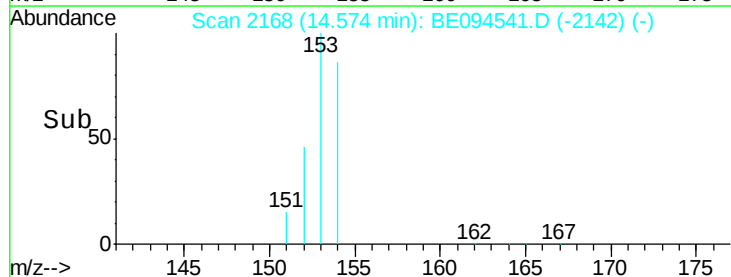
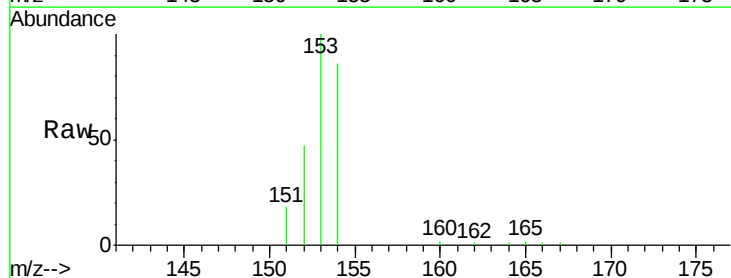
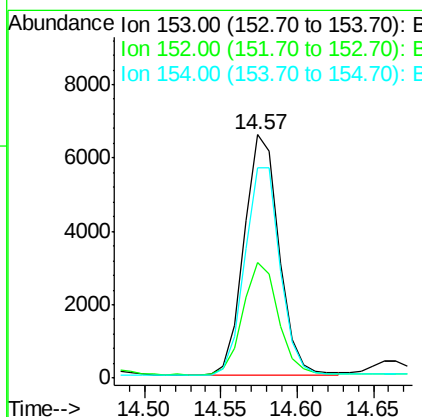
RT: 14.57 min Scan# 2168

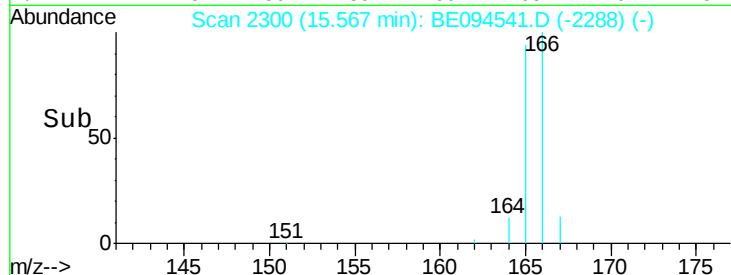
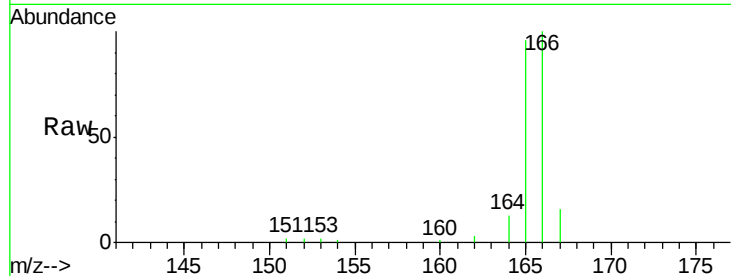
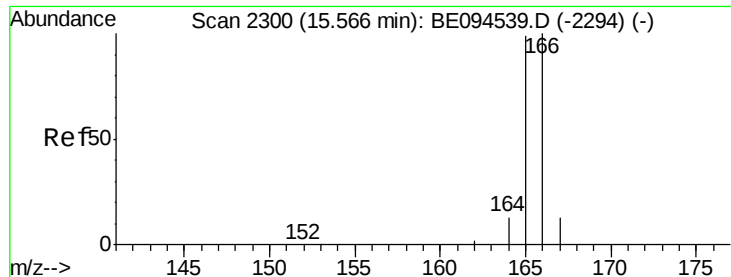
Delta R.T. -0.01 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Tgt Ion:	153	Resp:	10417
Ion Ratio	Lower	Upper	
153	100		
152	47.4	36.0	54.0
154	86.5	72.0	108.0





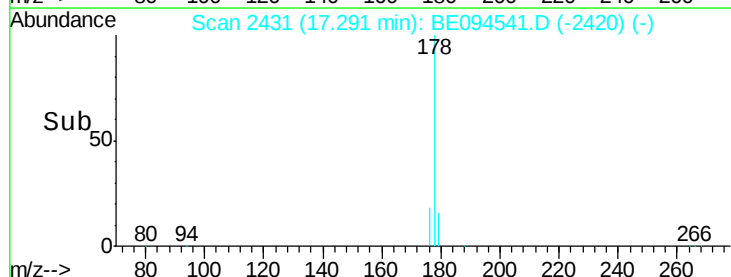
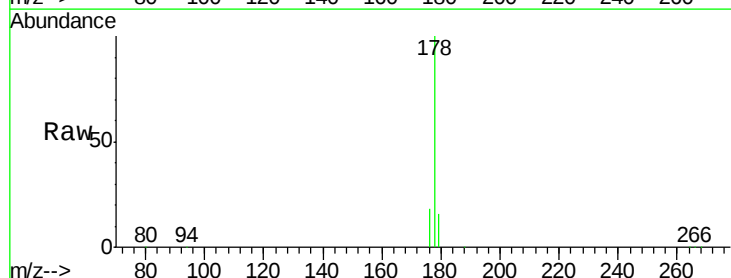
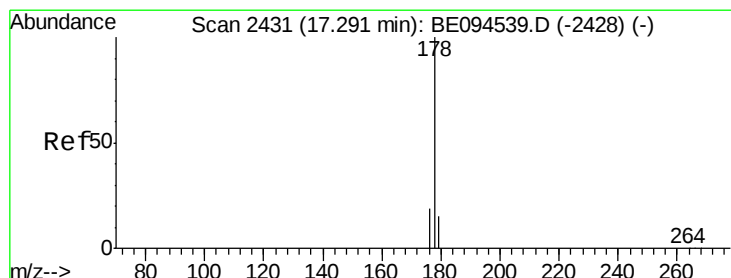
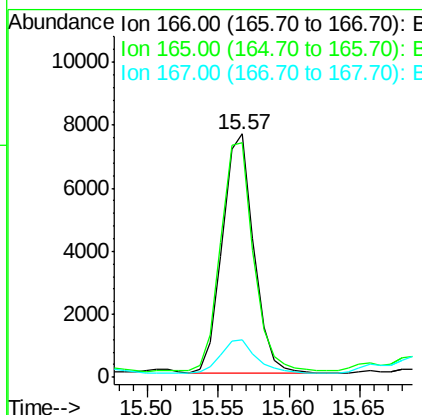
#9
Fluorene
 Concen: 0.717 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094541.D
 Acq: 25 Oct 2017 20:05

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	73.4	110.2
167	15.6	14.6	22.0

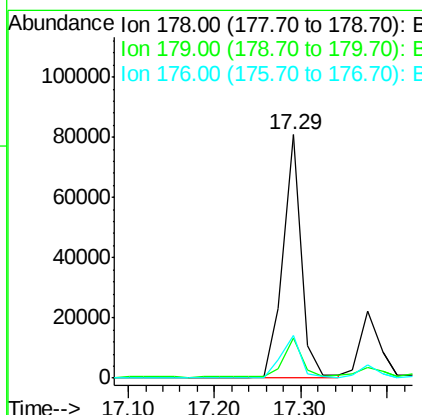
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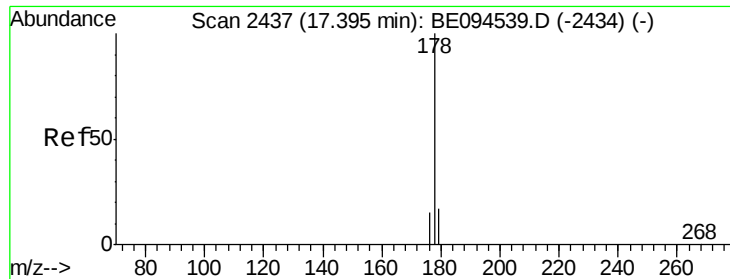
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#12
Phenanthrene
 Concen: 4.711 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094541.D
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	17.7	13.6	20.4





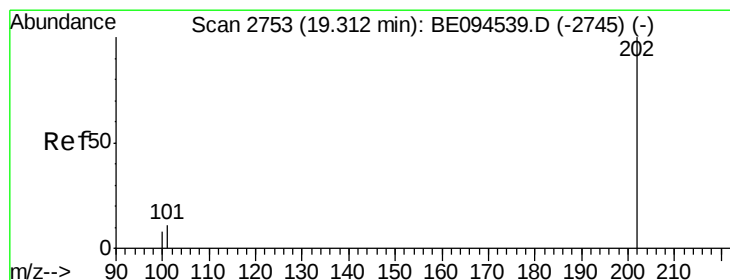
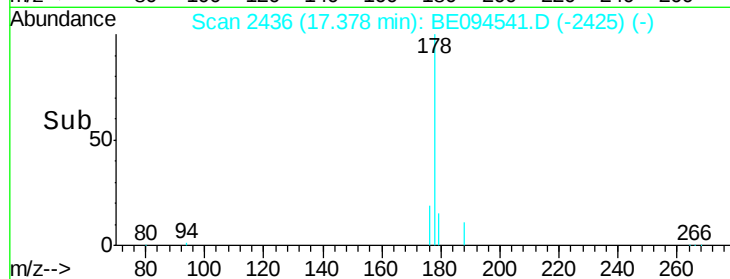
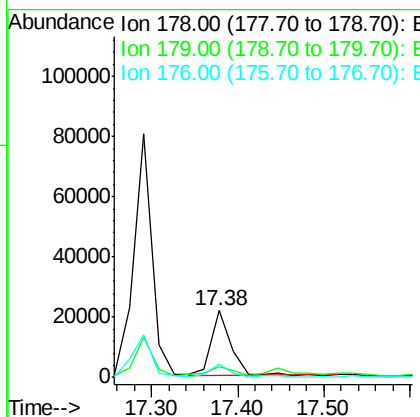
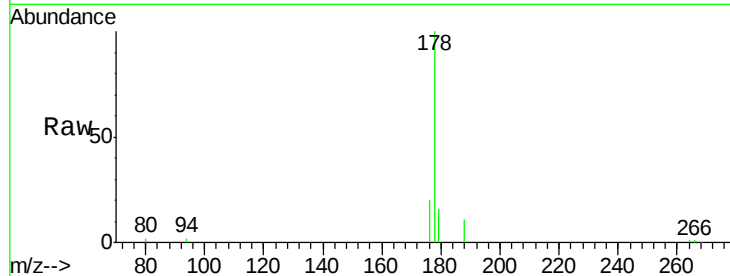
#13
 Anthracene
 Concen: 1.363 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094541.D
 Acq: 25 Oct 2017 20:05

Instrument :
 BNA_E
 ClientSampleId :
 B-55(3.5-5)-100317

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.7	14.7	22.1

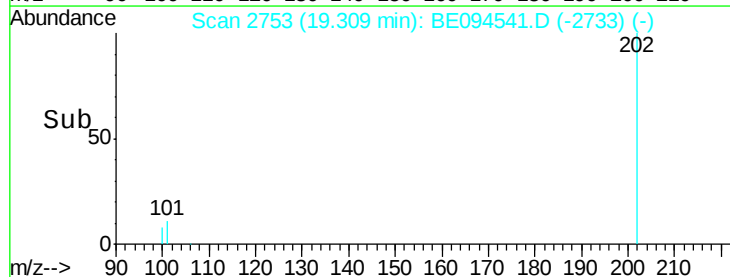
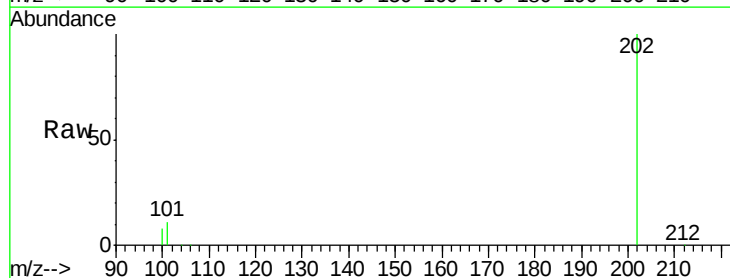
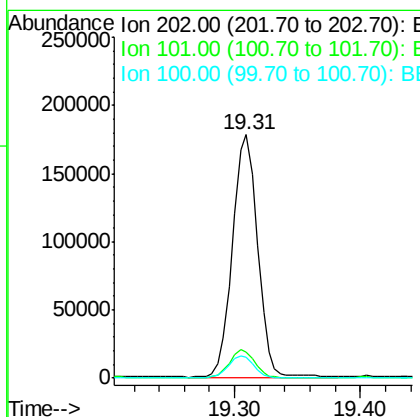
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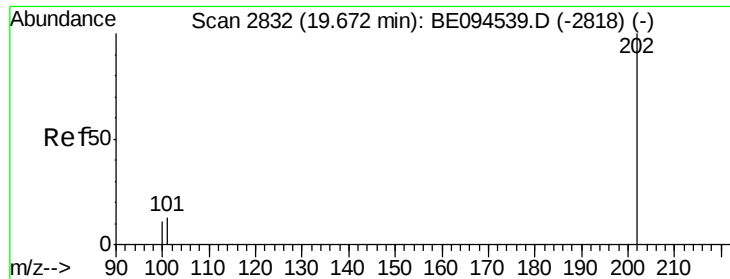
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#15
 Fluoranthene
 Concen: 8.329 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094541.D
 Acq: 25 Oct 2017 20:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.5	0.0	39.5





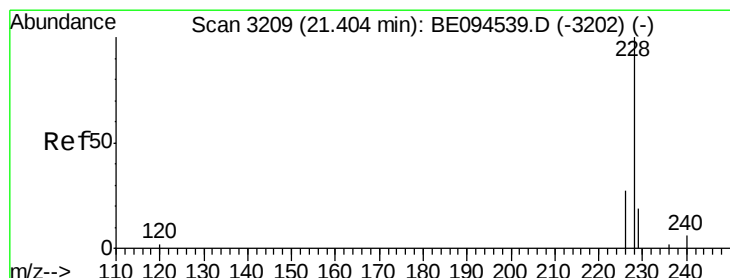
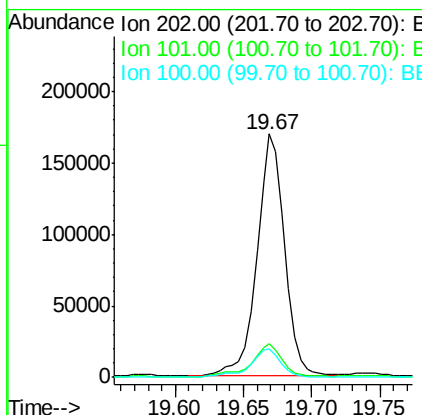
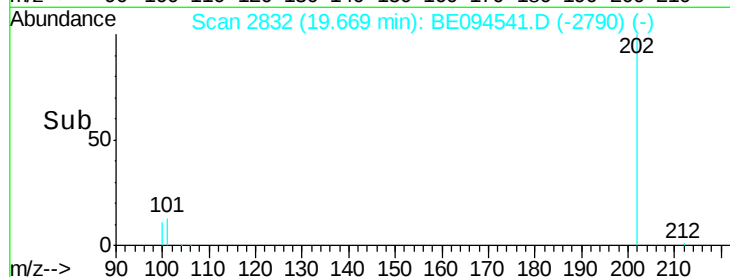
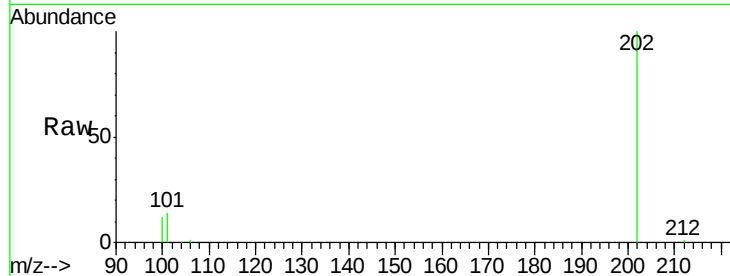
#17
 Pyrene
 Concen: 8.067 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094541.D
 Acq: 25 Oct 2017 20:05

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	237750		
101	13.6	18.2	27.4#	
100	11.6	15.6	23.4#	

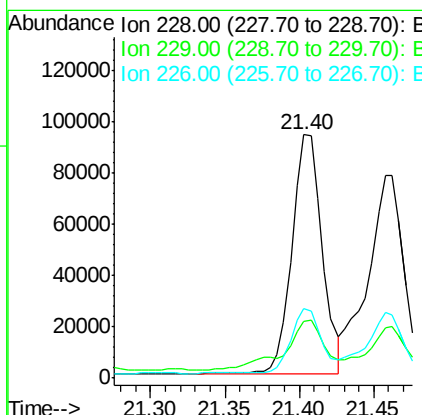
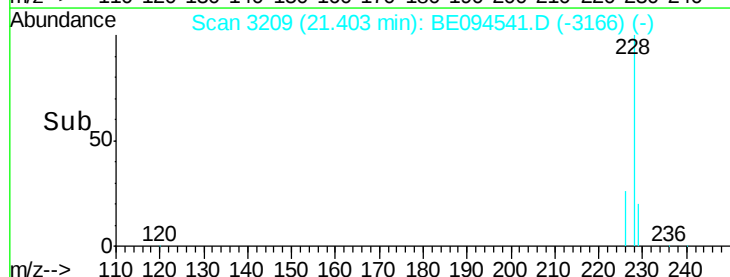
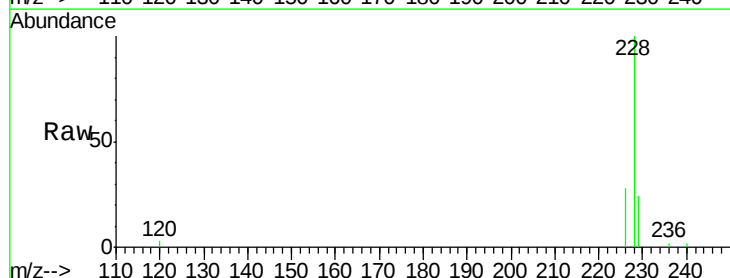
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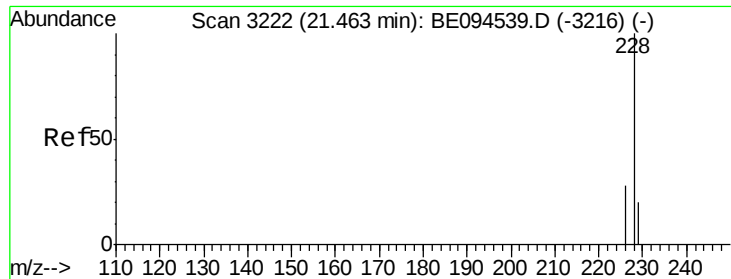
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#18
 Benzo(a)anthracene
 Concen: 4.856 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094541.D
 Acq: 25 Oct 2017 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	132344		
229	23.6	22.8	34.2	
226	28.4	17.0	25.6#	





#19

Chrysene

Concen: 4.454 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Instrument :

BNA_E

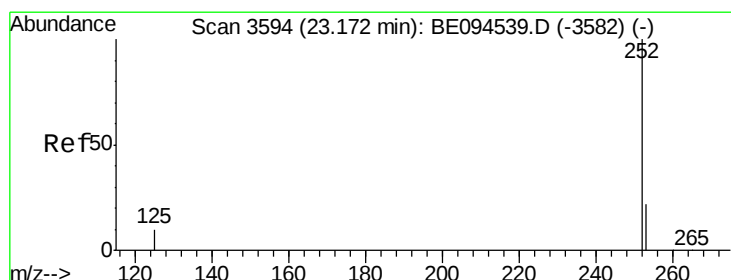
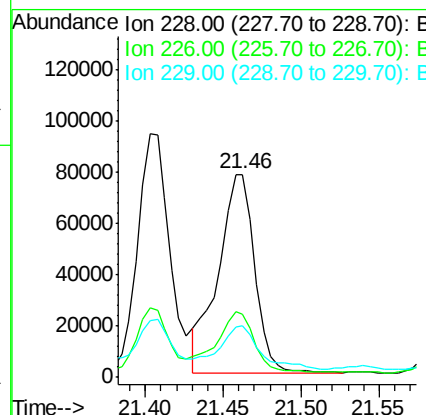
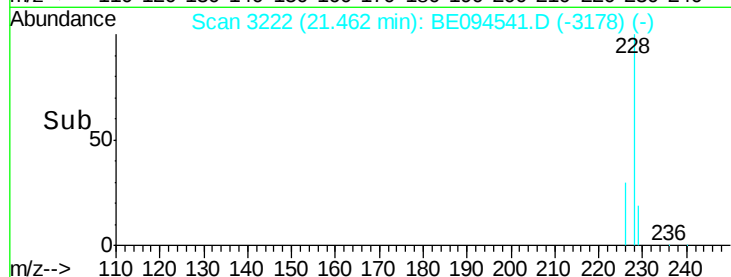
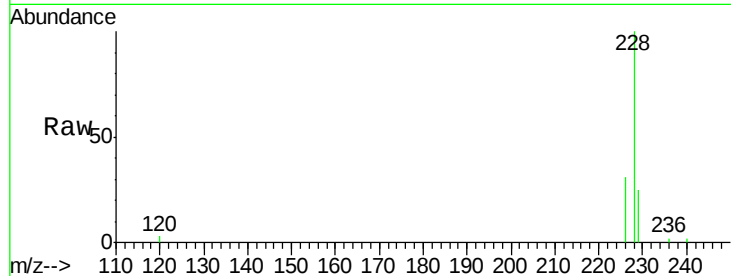
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Tgt Ion:	228	Resp:	125472
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	25.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.230 ng/ul m

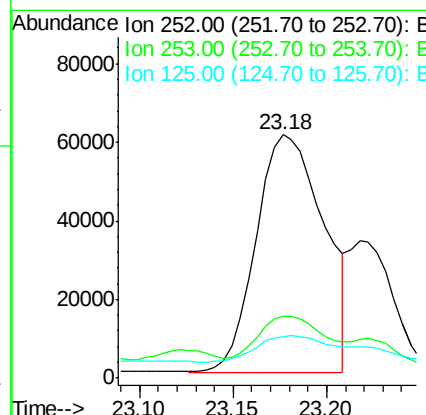
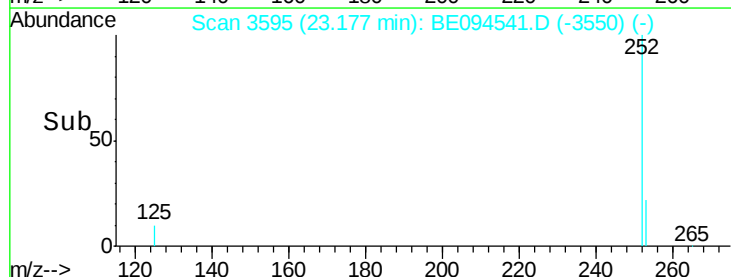
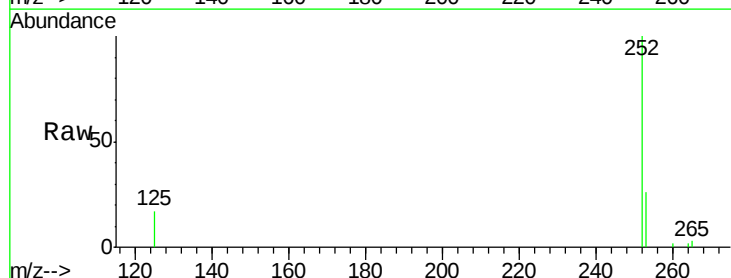
RT: 23.18 min Scan# 3595

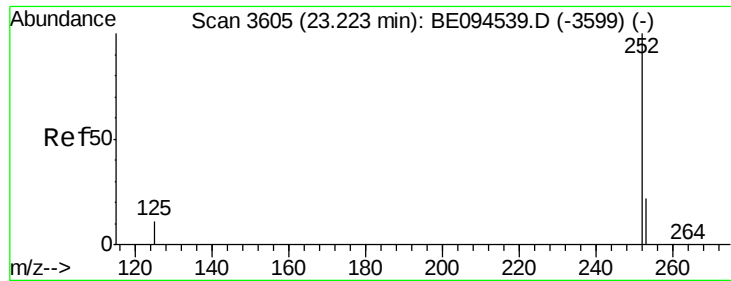
Delta R.T. 0.00 min

Lab File: BE094541.D

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Tgt Ion:	252	Resp:	152792
Ion Ratio	Lower	Upper	
252	100		
253	25.6	0.0	64.2
125	17.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.734 ng/ul m

RT: 23.22 min Scan# 3604

Delta R.T. -0.00 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Instrument :

BNA_E

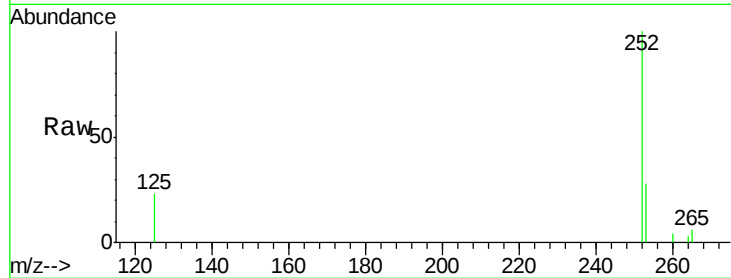
ClientSampleId :

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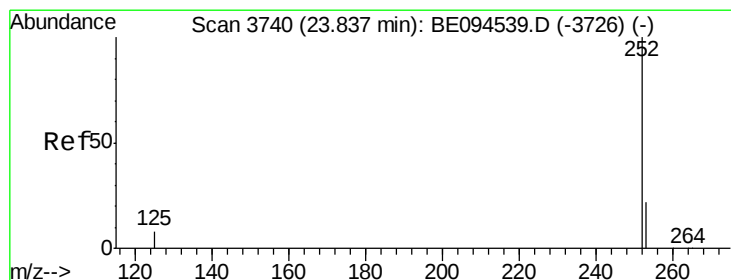
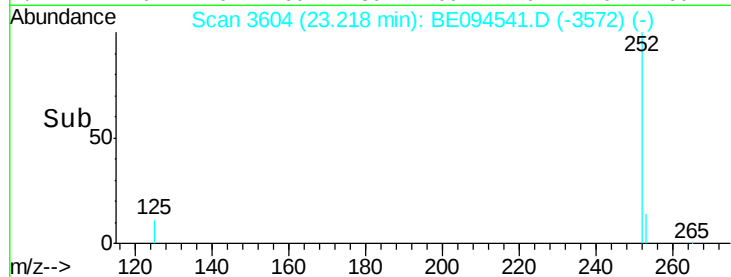
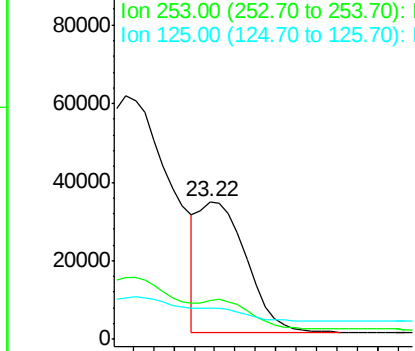
Tgt Ion:	252	Resp:	54288
Ion Ratio	Lower	Upper	
252	100		
253	28.5	24.5	36.7
125	22.8	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 4.091 ng/ul

RT: 23.84 min Scan# 3741

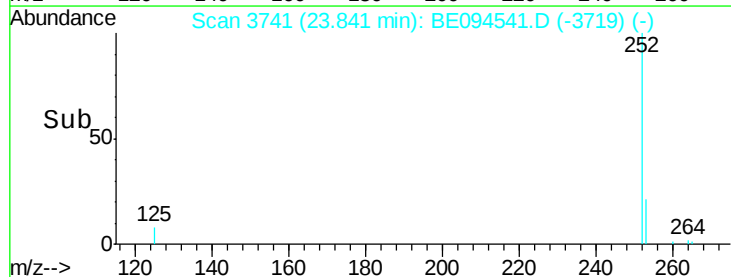
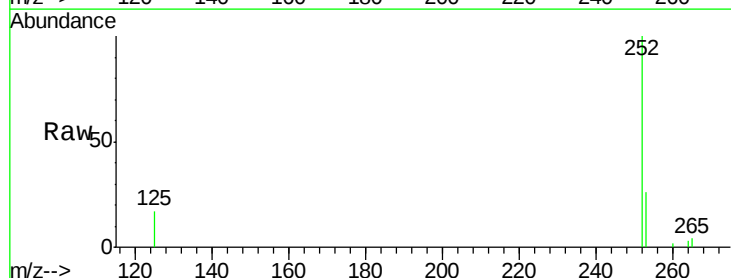
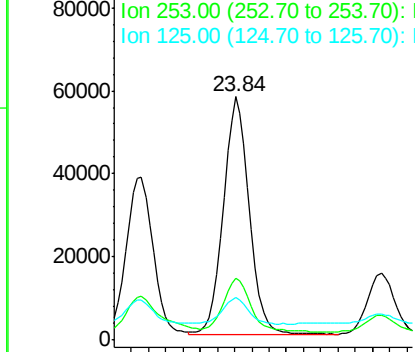
Delta R.T. 0.00 min

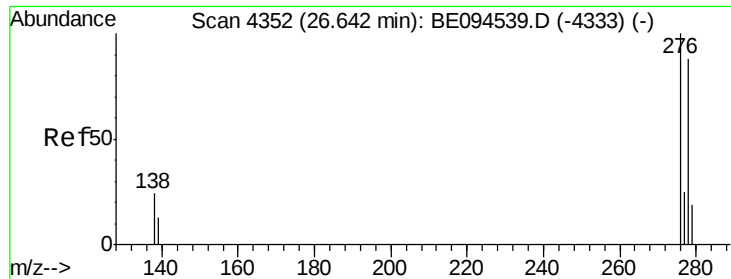
Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Tgt Ion:	252	Resp:	119464
Ion Ratio	Lower	Upper	
252	100		
253	25.6	28.5	42.7#
125	17.5	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.331 ng/ul

RT: 26.65 min Scan# 4353

Delta R.T. 0.00 min

Lab File: BE094541.D

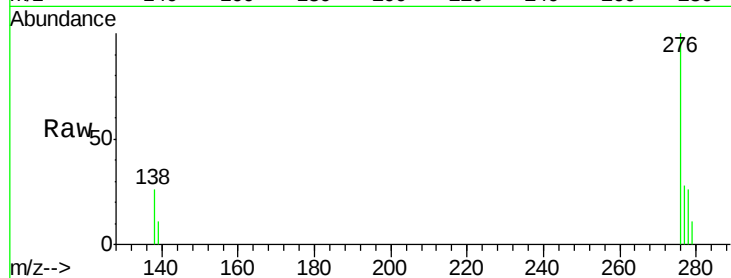
Acq: 25 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

B-55(3.5-5)-100317



Tgt Ion: 276 Resp: 70443

Ion Ratio Lower Upper

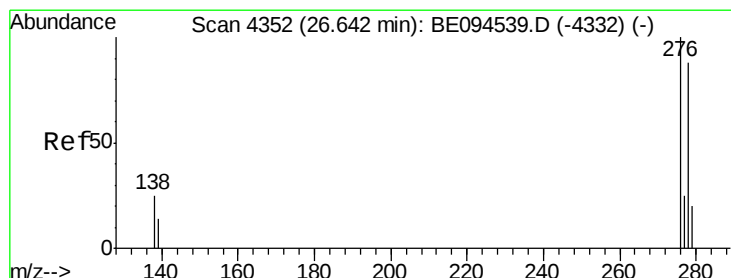
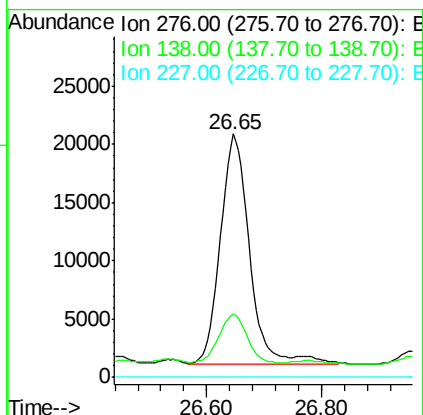
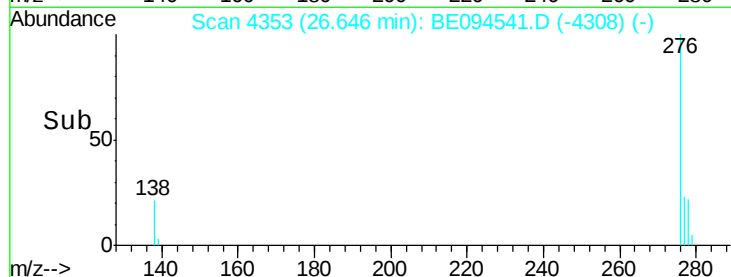
276 100

138 20.3 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:21 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.692 ng/ul

RT: 26.65 min Scan# 4353

Delta R.T. 0.00 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

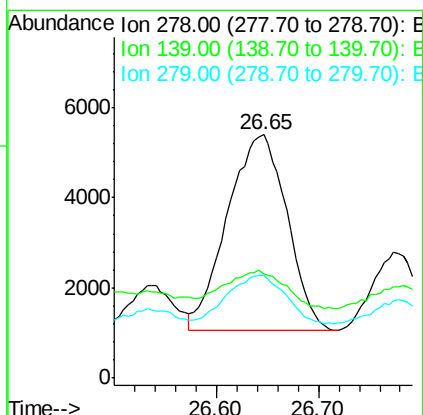
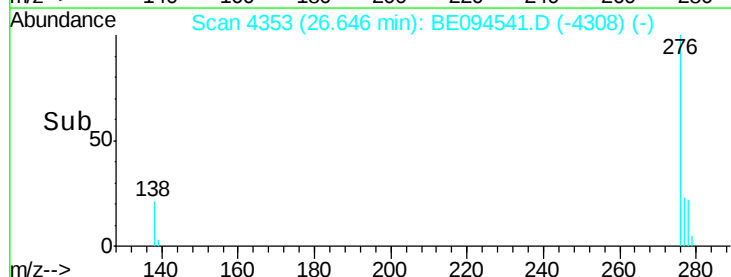
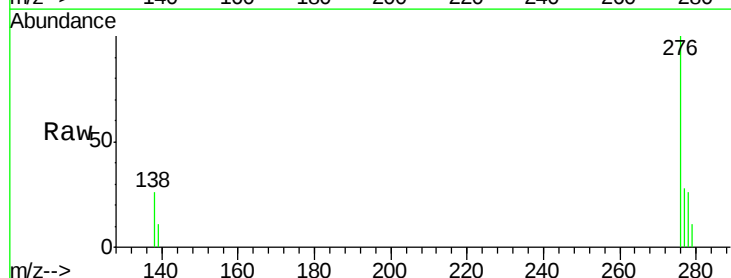
Tgt Ion: 278 Resp: 17621

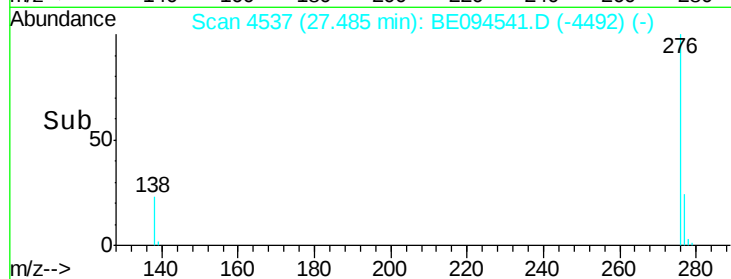
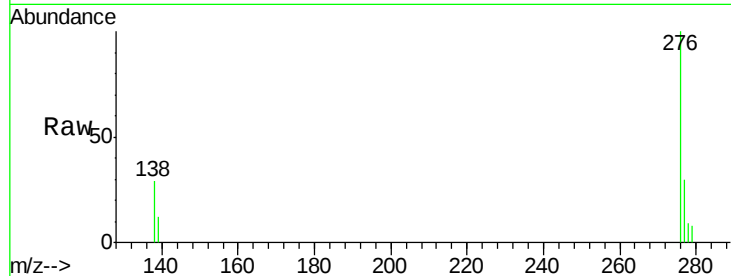
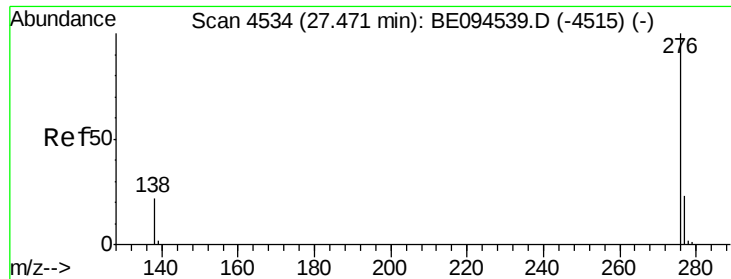
Ion Ratio Lower Upper

278 100

139 43.0 17.4 26.0#

279 42.0 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 2.378 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. 0.00 min

Lab File: BE094541.D

Acq: 25 Oct 2017 20:05

Instrument :

BNA_E

ClientSampleId :

B-55(3.5-5)-100317

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	28.7	21.8	32.8	
277	30.2	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:21 AM

