

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094288.D
 Acq On : 11 Oct 2017 20:27
 Operator : SJ/JU
 Sample : I5490-03DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717DL

Manual Integrations
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 10/13/2017 12:05:43 PM

Quant Time: Oct 12 08:35:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:31:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1784	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4950	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10742	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10655	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	10818	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	533	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1300	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1361	0.062	ng/ul#	88
5) 2-Methylnaphthalene	12.35	142	587	0.041	ng/ul	97
7) Acenaphthylene	14.24	152	1331	0.069	ng/ul#	88
8) Acenaphthene	14.58	153	781	0.049	ng/ul	97
9) Fluorene	15.57	166	1073	0.058	ng/ul#	88
12) Phenanthrene	17.29	178	19521	0.695	ng/ul#	93
13) Anthracene	17.38	178	4854	0.178	ng/ul	95
15) Fluoranthene	19.30	202	39098	1.060	ng/ul	84
17) Pyrene	19.66	202	35318	1.191	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	18831	0.666	ng/ul#	91
19) Chrysene	21.45	228	18669	0.572	ng/ul#	86
21) Benzo(b)fluoranthene	23.16	252	26576m	0.904	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	7398m	0.218	ng/ul	
23) Benzo(a)pyrene	23.81	252	17886	0.586	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.59	276	12839	0.411	ng/ul#	80
26) Benzo(a,h,i)perylene	27.42	276	13599	0.505	ng/ul#	74

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

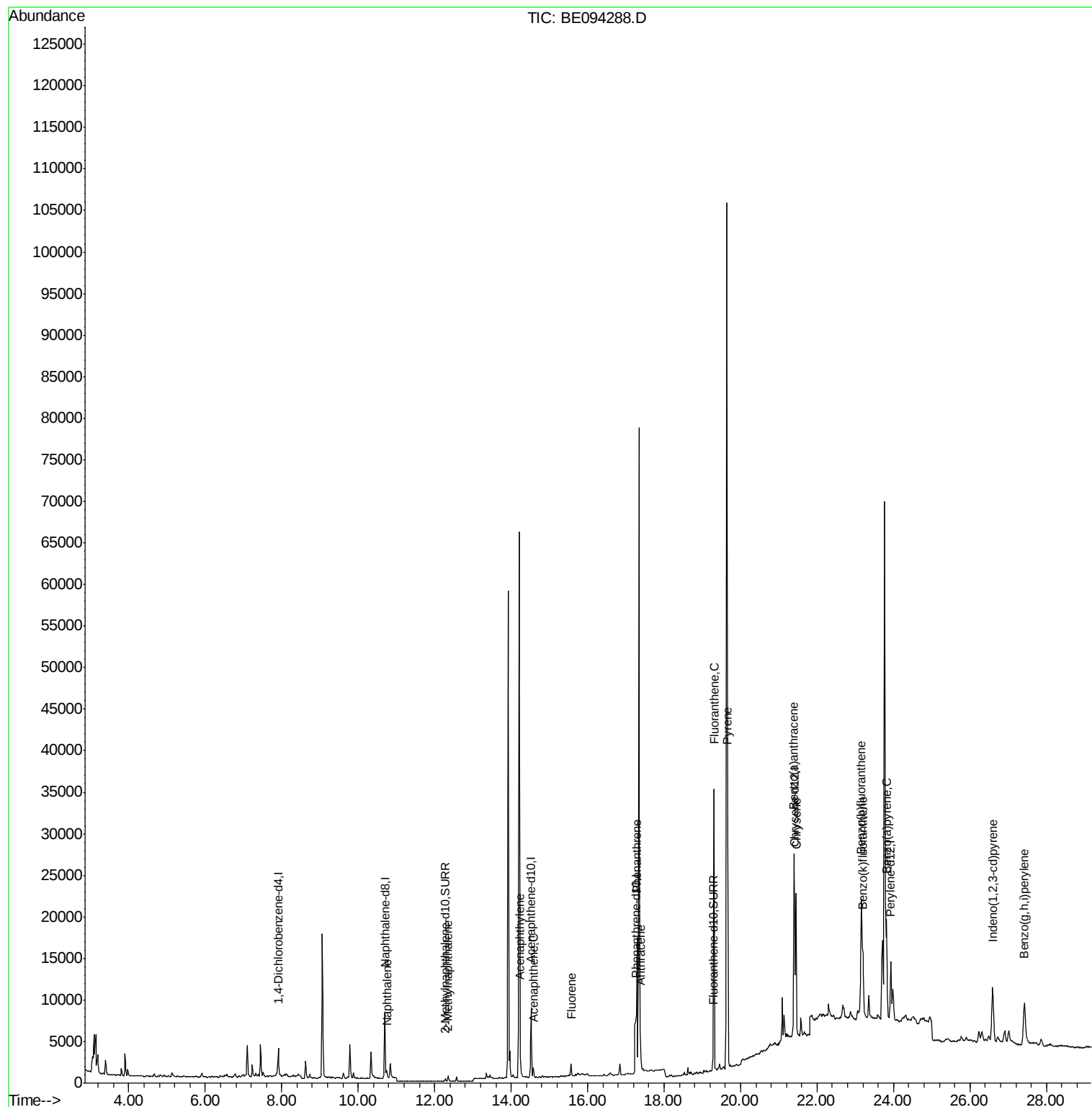
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094288.D
Acq On : 11 Oct 2017 20:27
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ALS Vial : 12 Sample Multiplier: 1

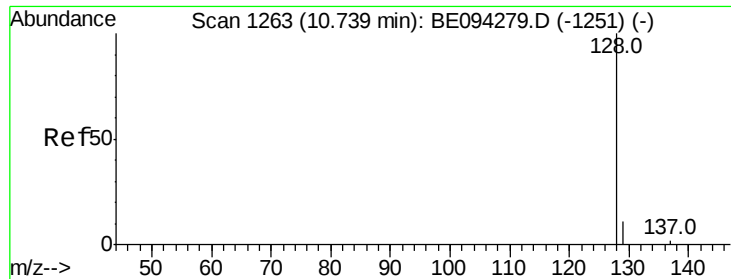
Instrument :
BNA_E
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B-70(0-1)-092717DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.062 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

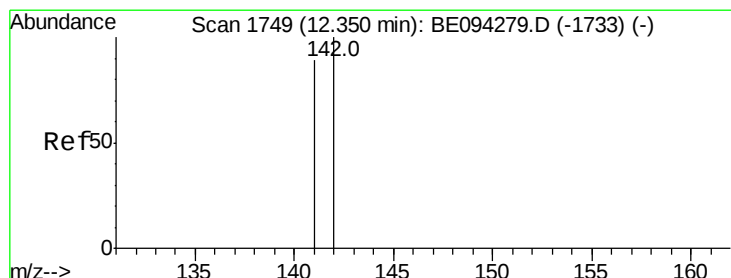
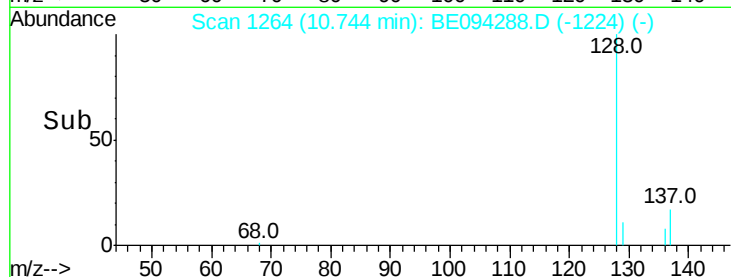
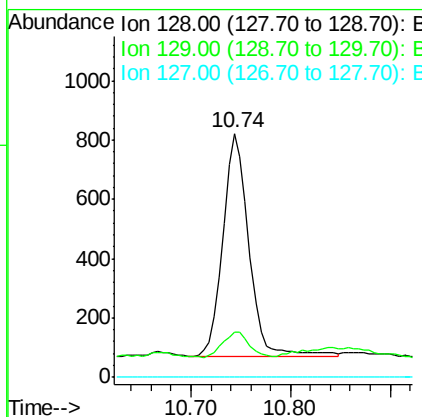
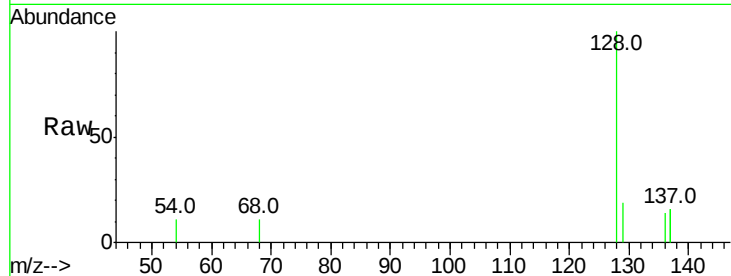
ClientSampleId :

B-70(0-1)-092717DL

Tot Ion:	128	Resp:	1361
Ion Ratio	Lower	Upper	
128	100		
129	18.6	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

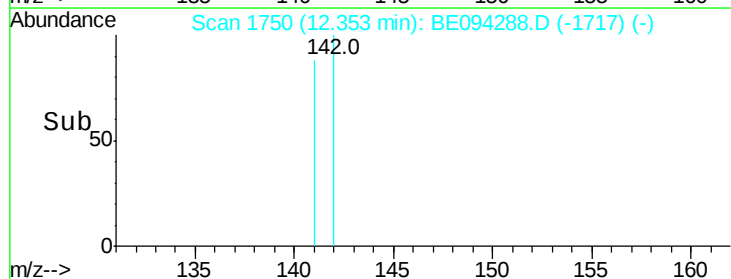
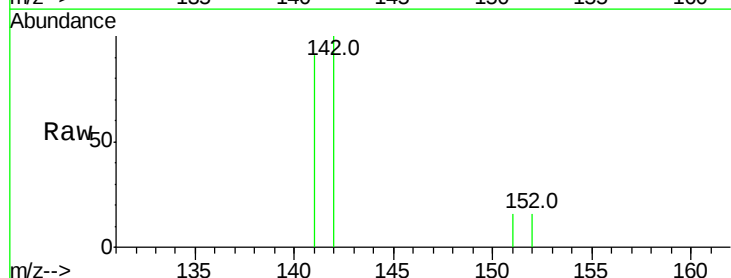
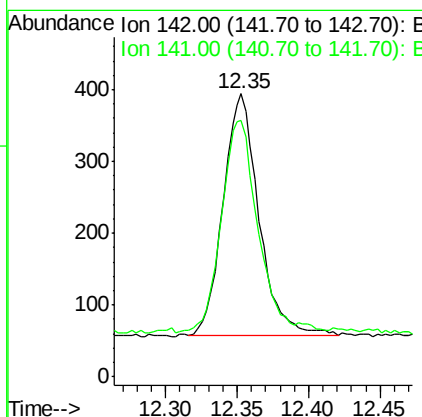
RT: 12.35 min Scan# 1750

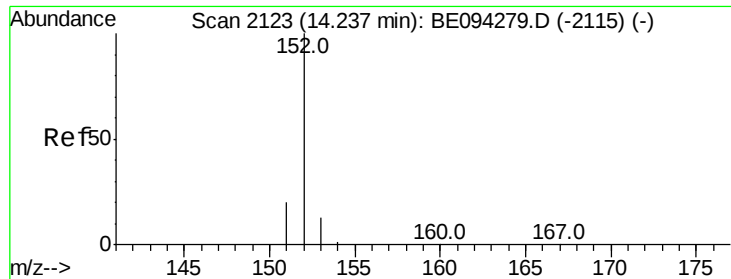
Delta R.T. 0.00 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Tgt Ion:	142	Resp:	587
Ion Ratio	Lower	Upper	
142	100		
141	88.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.069 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

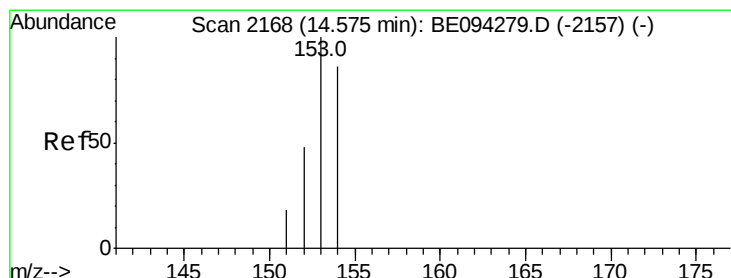
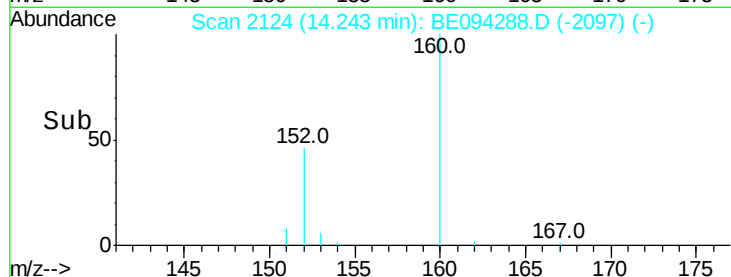
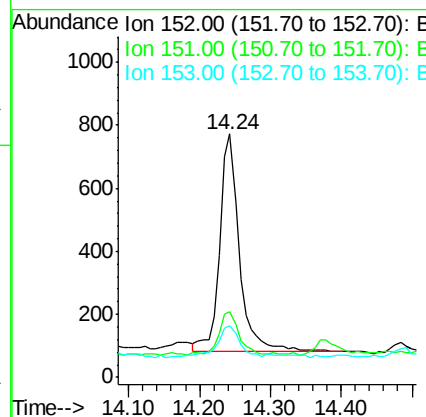
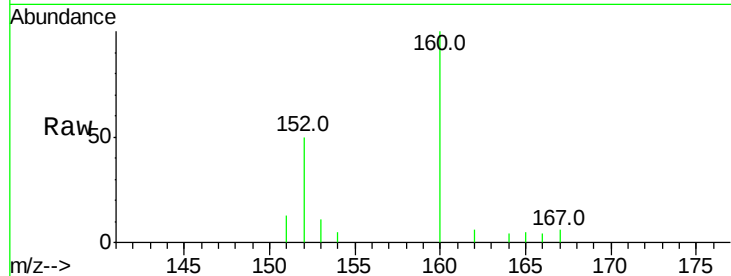
ClientSampleID :

B-70(0-1)-092717DL

Tot Ion:	152	Resp:	1331
Ion Ratio	Lower	Upper	
152	100		
151	26.9	17.1	25.7#
153	21.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.049 ng/ul

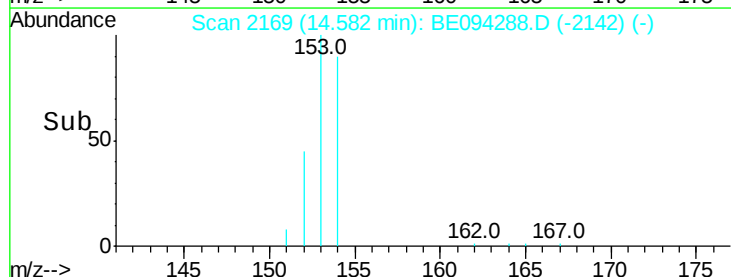
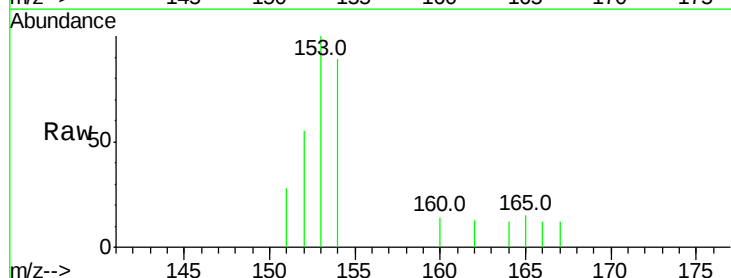
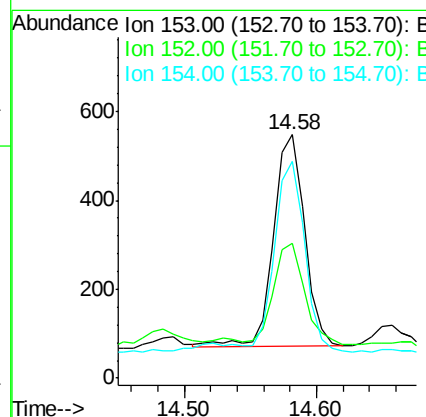
RT: 14.58 min Scan# 2169

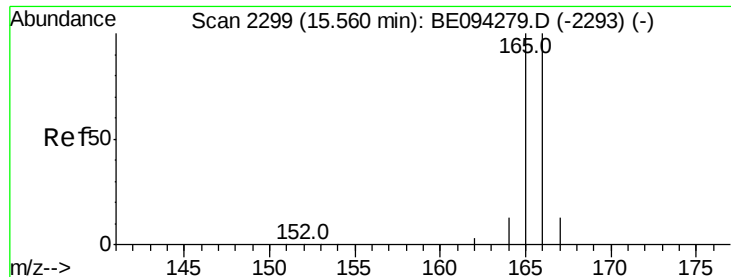
Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Tgt Ion:	153	Resp:	781
Ion Ratio	Lower	Upper	
153	100		
152	55.3	40.3	60.5
154	89.2	71.4	107.2





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

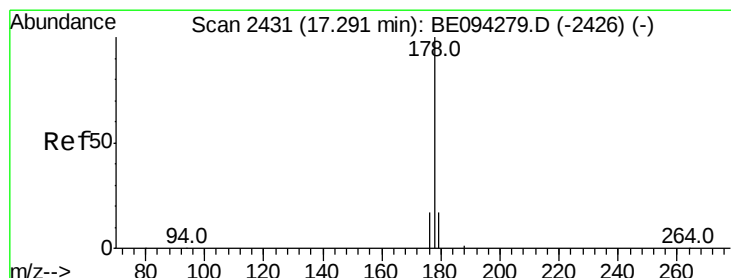
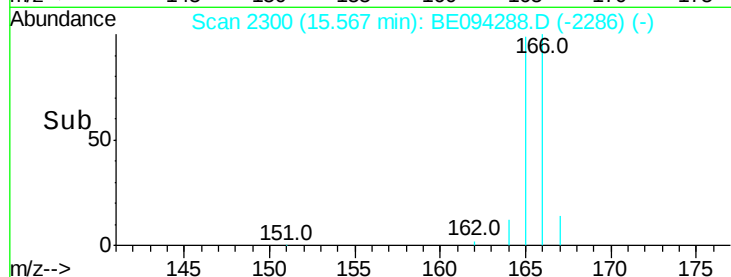
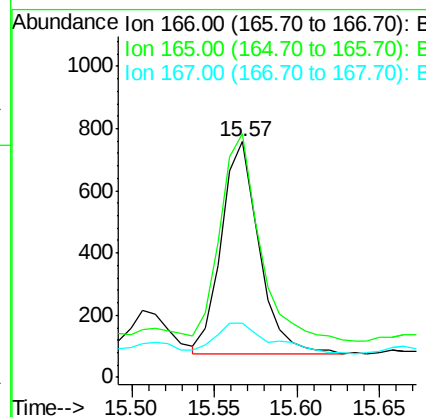
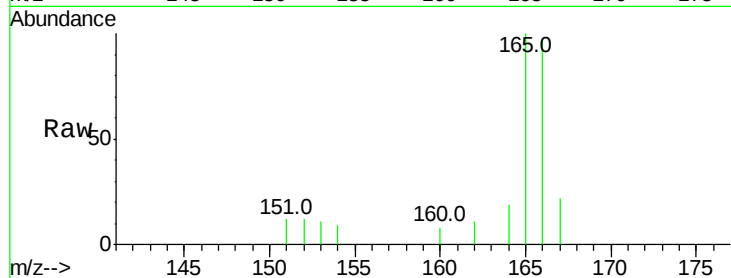
ClientSampleID :

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Tot Ion:	166	Resp:	1073
Ion Ratio	Lower	Upper	
166	100		
165	103.4	73.4	110.2
167	23.0	14.6	22.0

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#12

Phenanthrene

Concen: 0.695 ng/ul

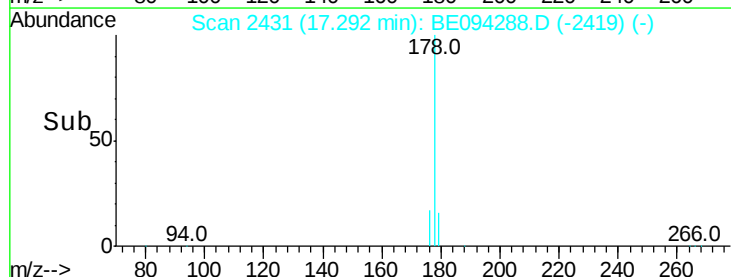
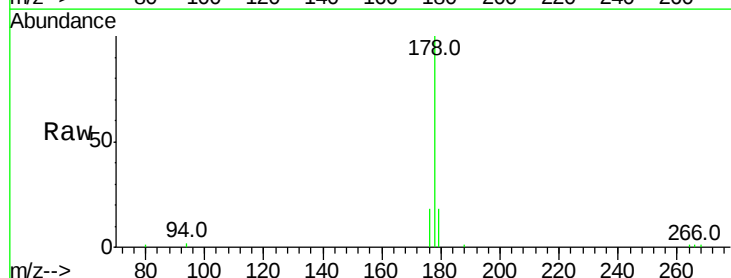
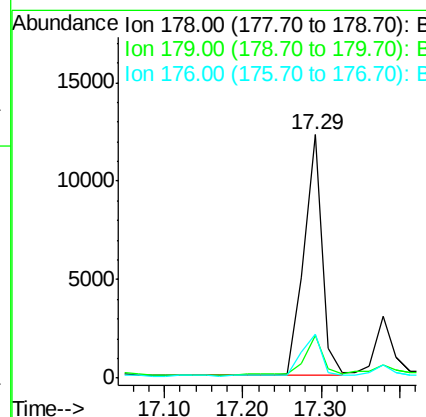
RT: 17.29 min Scan# 2431

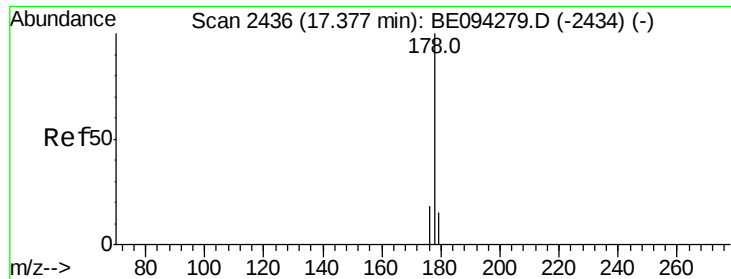
Delta R.T. 0.00 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Tgt Ion:	178	Resp:	19521
Ion Ratio	Lower	Upper	
178	100		
179	17.6	18.4	27.6
176	17.8	13.6	20.4





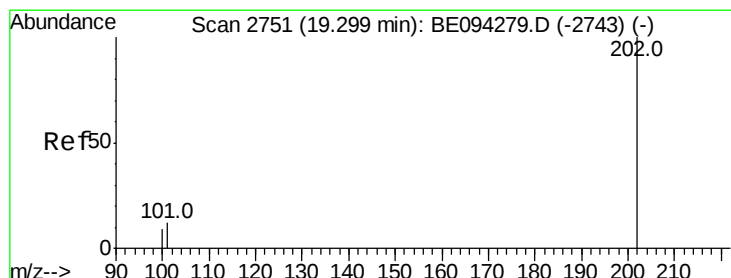
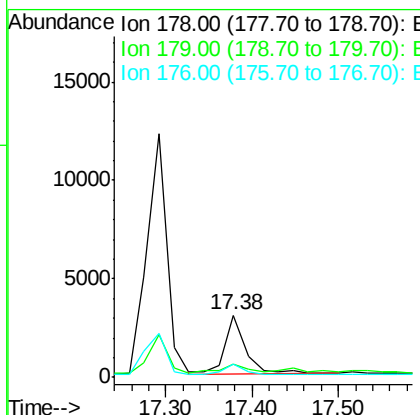
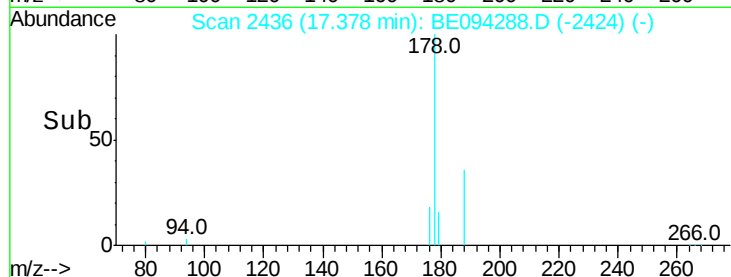
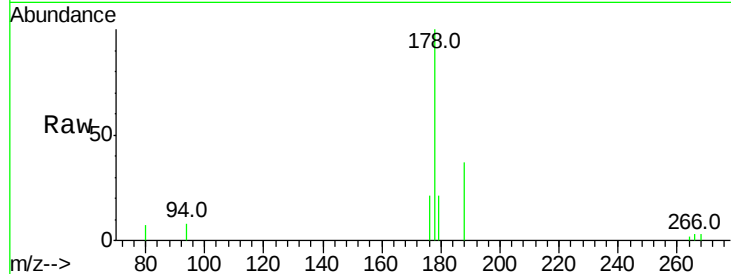
#13
 Anthracene
 Concen: 0.178 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE094288.D
 Acq: 11 Oct 2017 20:27

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717DL

Tot Ion:178 Resp: 4854
 Ion Ratio Lower Upper
 178 100
 179 20.9 18.1 27.1
 176 21.0 14.7 22.1

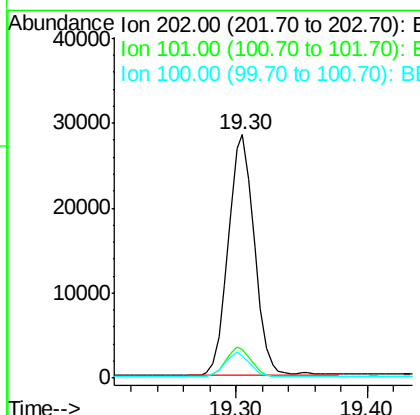
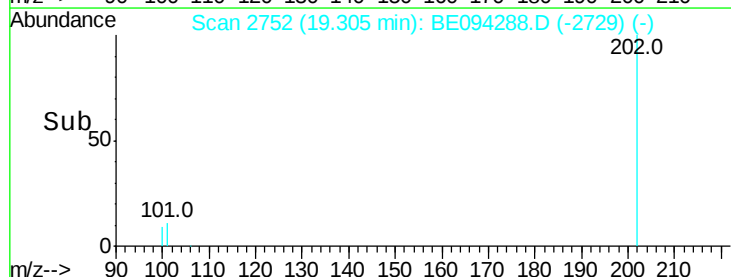
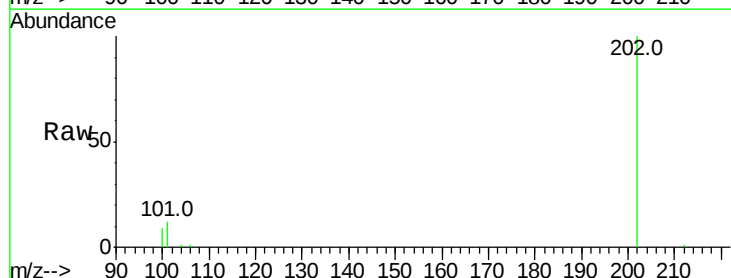
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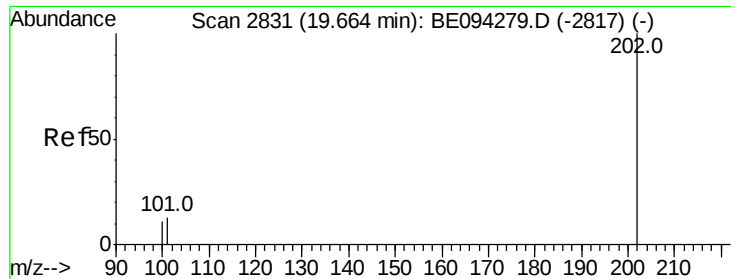
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#15
 Fluoranthene
 Concen: 1.060 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: BE094288.D
 Acq: 11 Oct 2017 20:27

Tgt Ion:202 Resp: 39098
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.3
 100 9.3 0.0 39.5





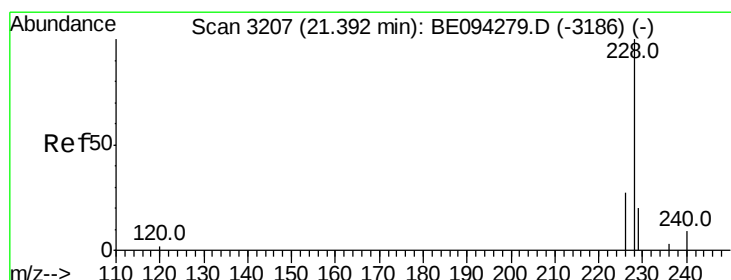
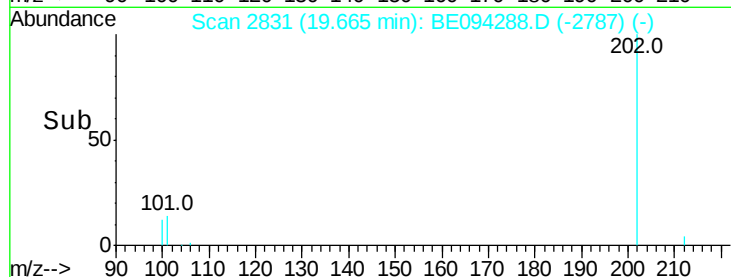
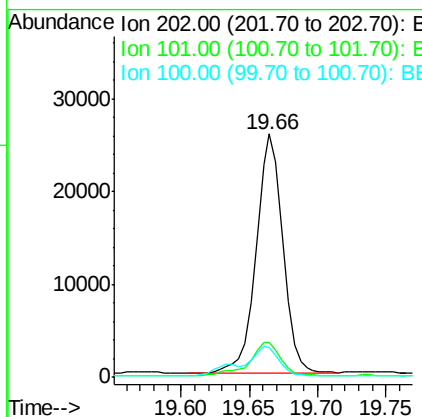
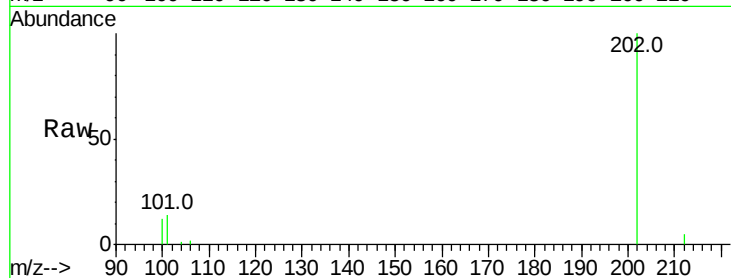
#17
Pvrene
Concen: 1.191 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE094288.D
Acq: 11 Oct 2017 20:27

Instrument :
BNA_E
ClientSampleId :
B-70(0-1)-092717DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.3	15.6	23.4#

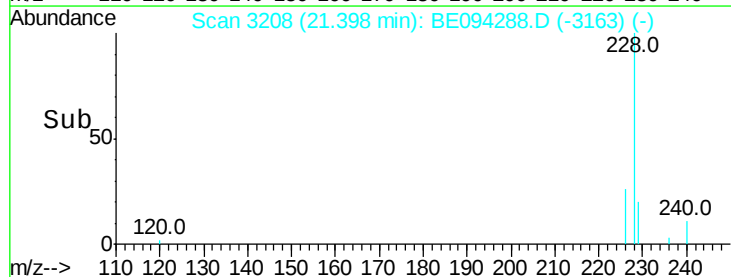
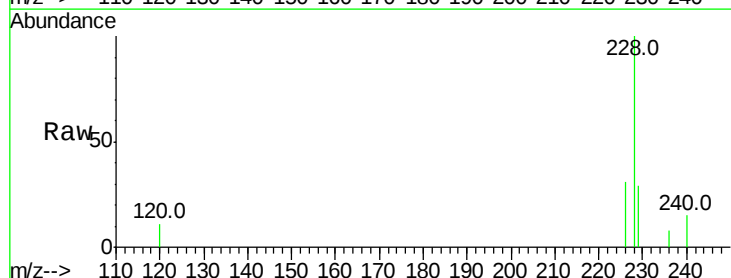
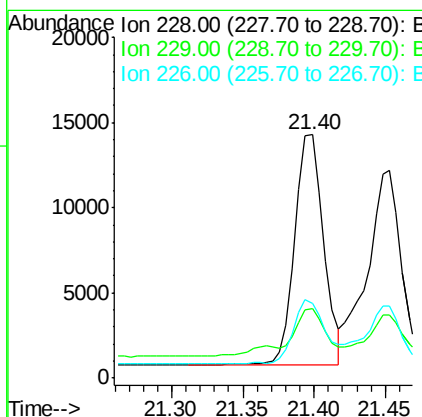
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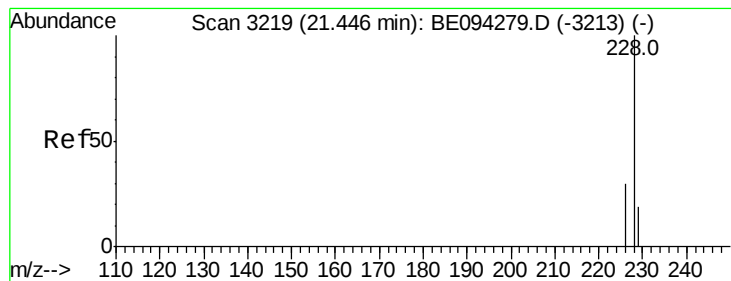
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#18
Benzo(a)anthracene
Concen: 0.666 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BE094288.D
Acq: 11 Oct 2017 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.8	22.8	34.2
226	30.8	17.0	25.6#





#19

Chrysene

Concen: 0.572 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

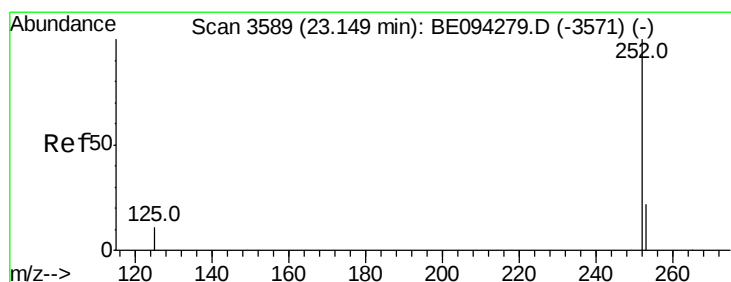
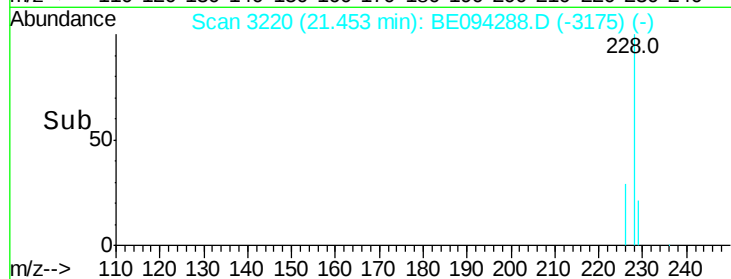
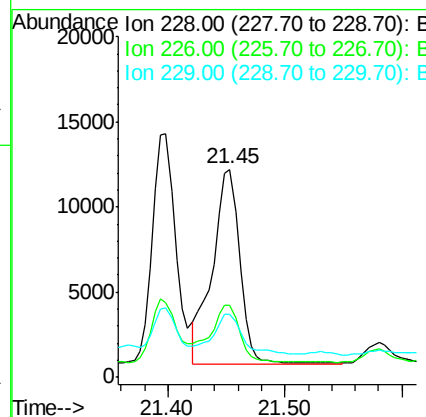
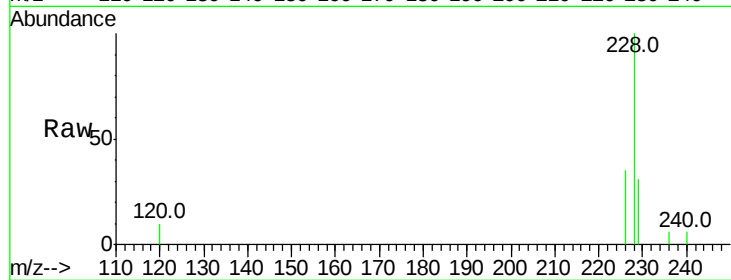
ClientSampleId :

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Tot Ion:	228	Resp:	18669
Ion Ratio	Lower	Upper	
228	100		
226	34.8	23.4	35.0
229	30.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.904 ng/ul m

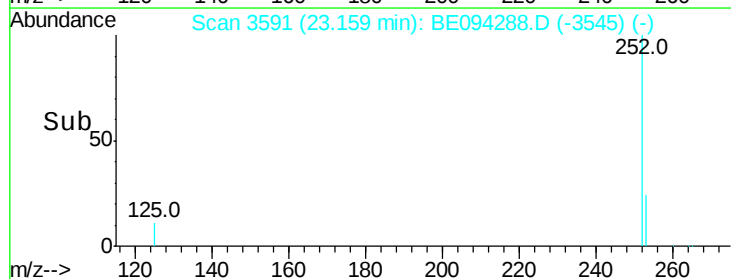
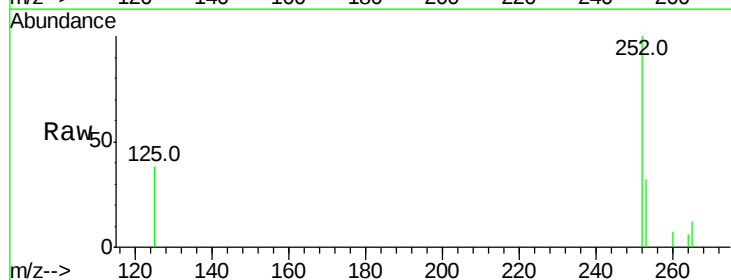
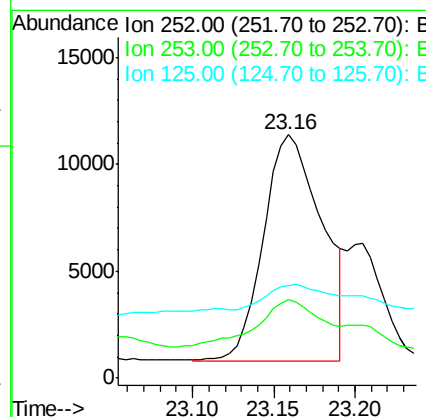
RT: 23.16 min Scan# 3591

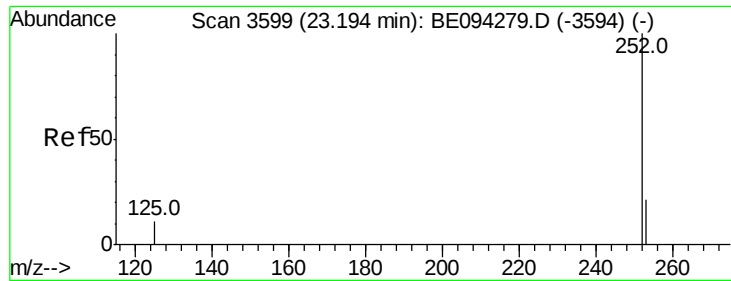
Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Tgt Ion:	252	Resp:	26576
Ion Ratio	Lower	Upper	
252	100		
253	32.3	0.0	64.2
125	38.1	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.218 ng/ul m

RT: 23.20 min Scan# 3601

Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Instrument :

BNA_E

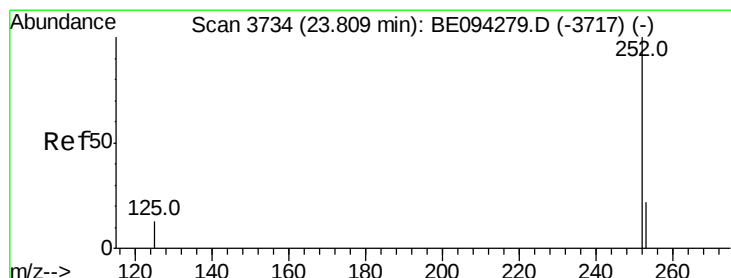
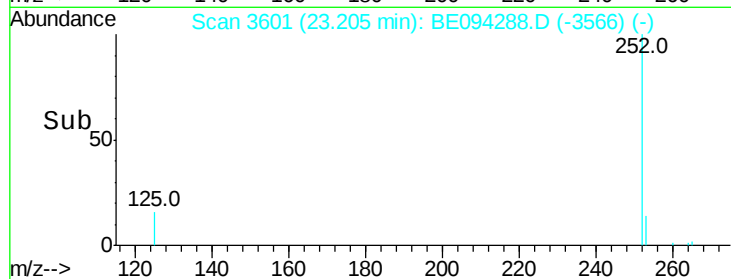
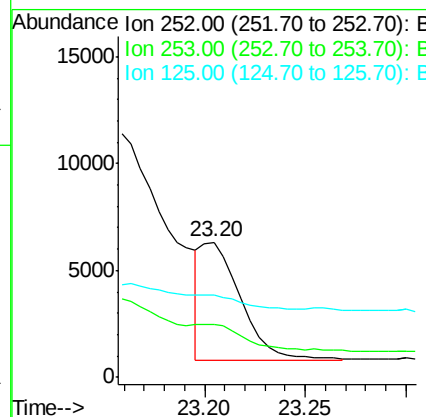
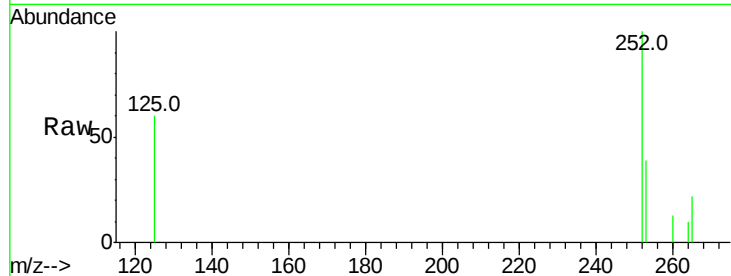
ClientSampleId :

B-70(0-1)-092717DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.5	24.5	36.7#
125	60.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.586 ng/ul

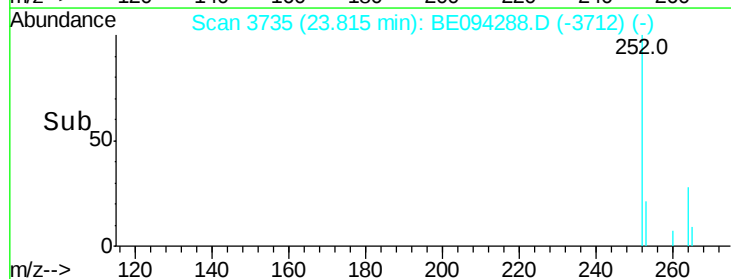
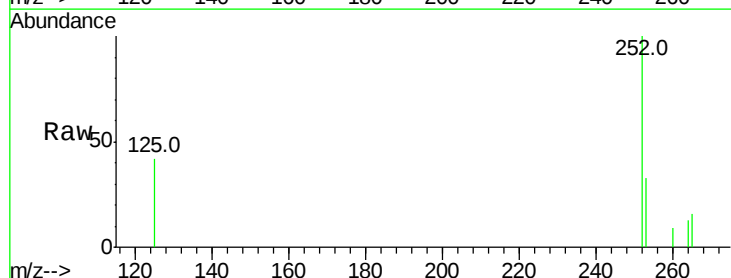
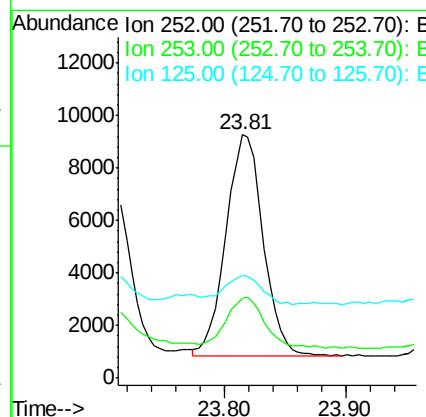
RT: 23.81 min Scan# 3735

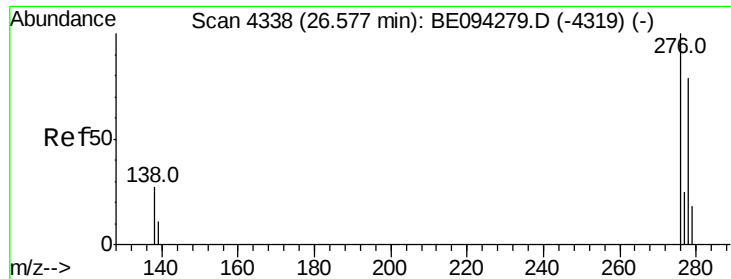
Delta R.T. 0.01 min

Lab File: BE094288.D

Acq: 11 Oct 2017 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.7	28.5	42.7
125	42.3	18.1	27.1#





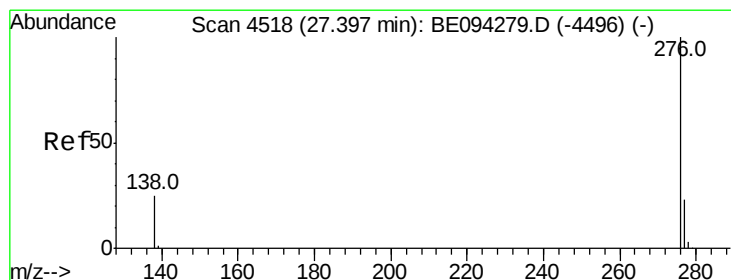
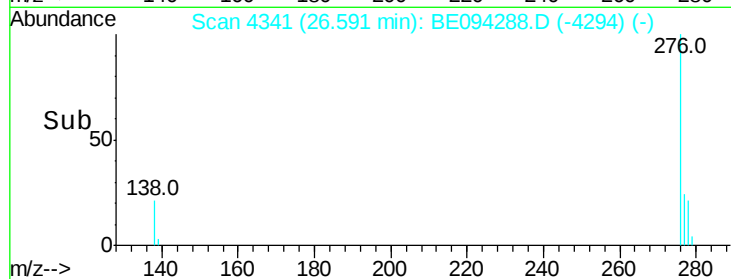
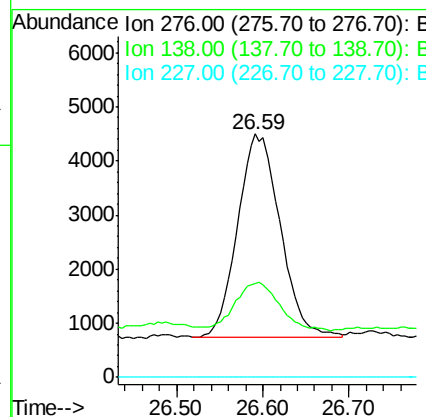
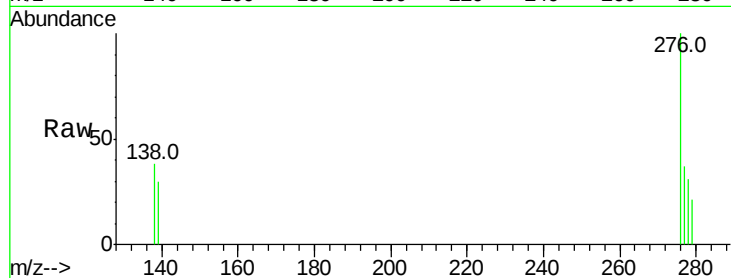
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.411 ng/ul
 RT: 26.59 min Scan# 4341
 Delta R.T. 0.01 min
 Lab File: BE094288.D
 Acq: 11 Oct 2017 20:27

Instrument :
 BNA_E
 ClientSampleId :
 B-70(0-1)-092717DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:43 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.505 ng/ul
 RT: 27.42 min Scan# 4523
 Delta R.T. 0.02 min
 Lab File: BE094288.D
 Acq: 11 Oct 2017 20:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.2	21.8	32.8#
277	38.8	20.5	30.7#

