

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
 Data File : BE097247.D
 Acq On : 9 Aug 2018 12:42
 Operator : SJ/JU
 Sample : J4268-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Manual Integrations
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Sohil
 8/10/2018 2:50:21 PM

Quant Time: Aug 09 16:21:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1271	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6782	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3863	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9139	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9850	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10430	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	438	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1076	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	753	0.046	ng/ul#	86
5) 2-Methylnaphthalene	11.80	142	382	0.035	ng/ul	98
7) Acenaphthylene	13.73	152	1507	0.090	ng/ul	93
8) Acenaphthene	14.08	153	669	0.055	ng/ul#	90
9) Fluorene	15.08	166	940	0.068	ng/ul	93
12) Phenanthrene	16.81	178	30742	1.320	ng/ul#	89
13) Anthracene	16.90	178	4393	0.202	ng/ul#	94
15) Fluoranthene	18.84	202	103060	3.347	ng/ul	84
17) Pyrene	19.20	202	91634	3.472	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	46127	1.639	ng/ul#	85
19) Chrysene	21.01	228	59408	2.048	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	85331m	3.002	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	26335m	0.859	ng/ul	
23) Benzo(a)pyrene	23.11	252	52670	1.852	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	43073	1.210	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	9621	0.330	ng/ul	90
26) Benzo(a,h,i)perylene	26.20	276	41569	1.351	ng/ul#	91

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

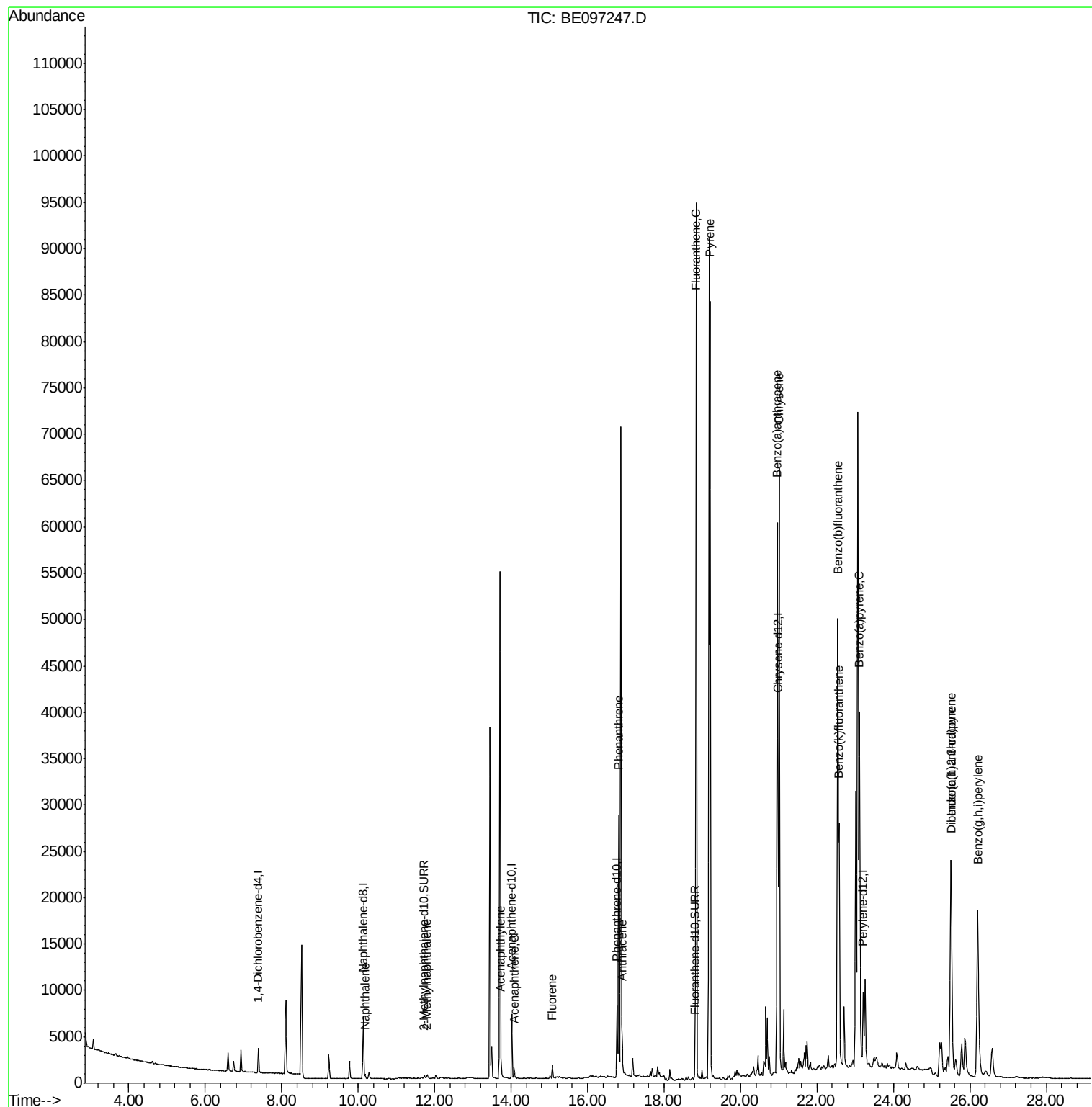
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
Data File : BE097247.D
Acq On : 9 Aug 2018 12:42
Operator : SJ/JU
Sample : J4268-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

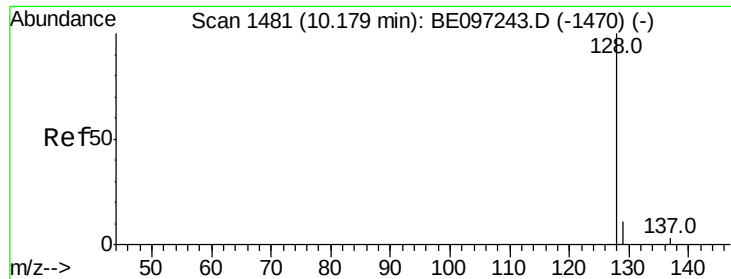
Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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QLast Update : Wed Aug 08 23:25:58 2018
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#3

Naphthalene

Concen: 0.046 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE097247.D

Acq: 9 Aug 2018 12:42

Instrument :

BNA_E

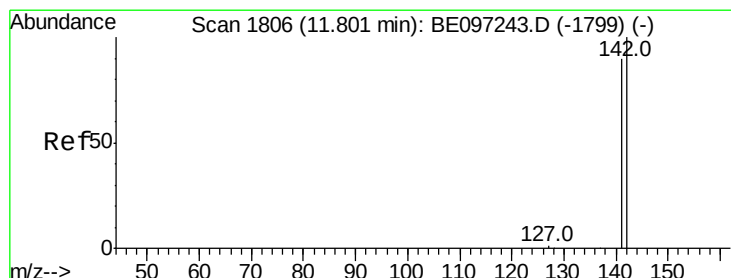
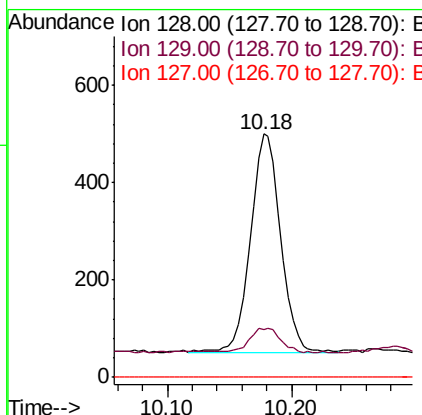
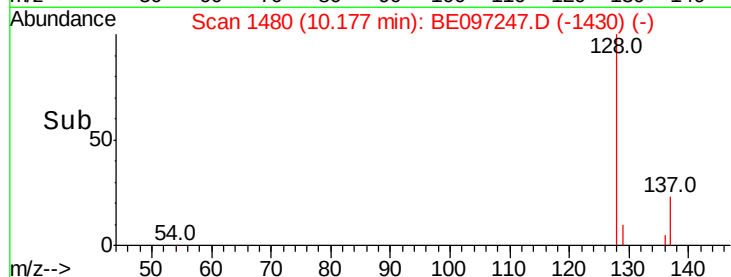
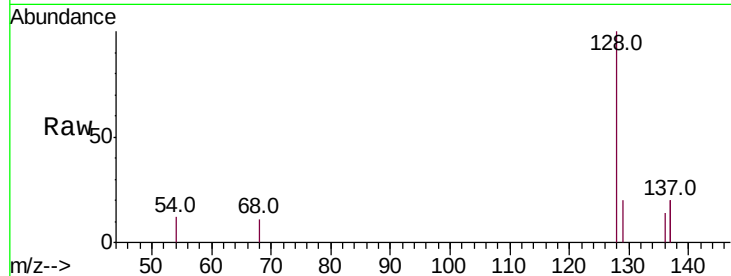
ClientSampleId :

C0AC3DL

Tot Ion:	128	Resp:	753
Ion Ratio	Lower	Upper	
128	100		
129	19.8	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

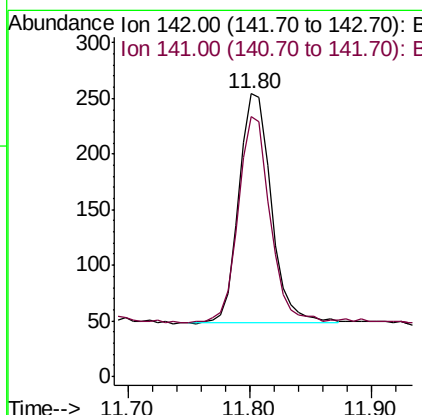
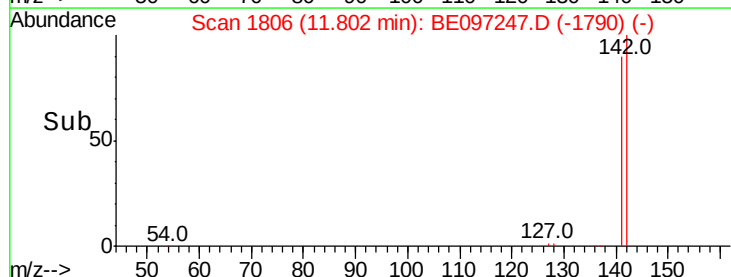
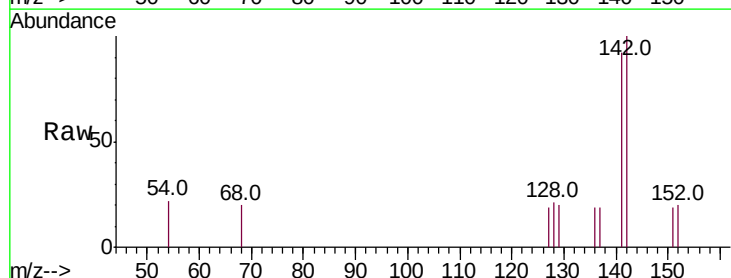
RT: 11.80 min Scan# 1806

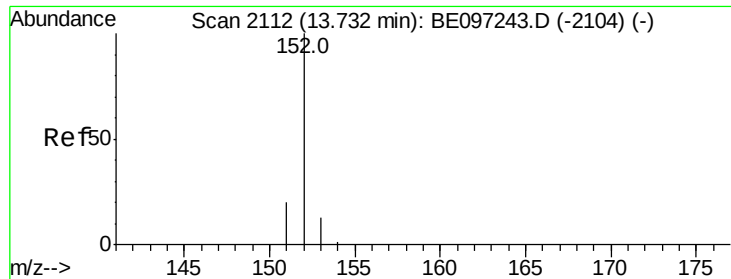
Delta R.T. 0.00 min

Lab File: BE097247.D

Acq: 9 Aug 2018 12:42

Tgt Ion:	142	Resp:	382
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BE097247.D

Acq: 9 Aug 2018 12:42

Instrument :

BNA_E

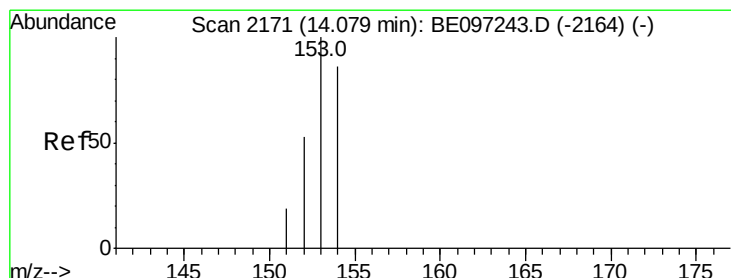
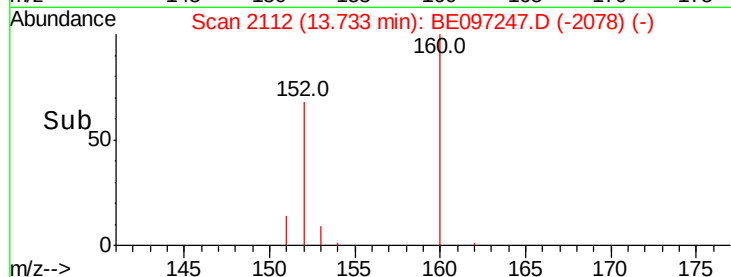
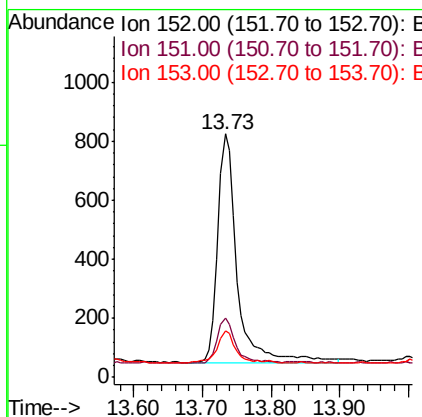
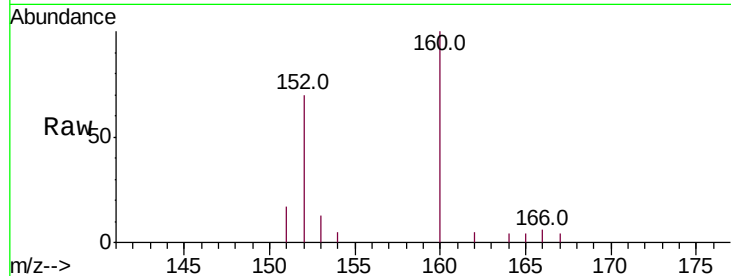
ClientSampleId :

C0AC3DL

Tot Ion:	152	Resp:	1507
Ion Ratio	Lower	Upper	
152	100		
151	24.5	17.1	25.7
153	19.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.055 ng/ul

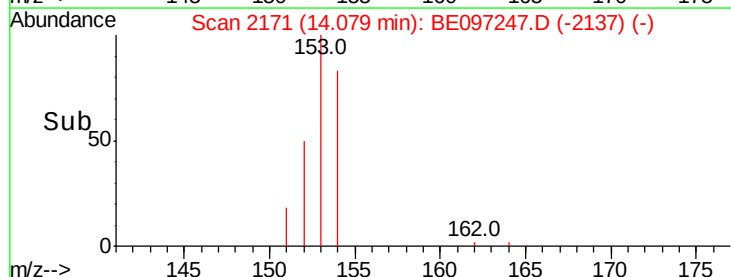
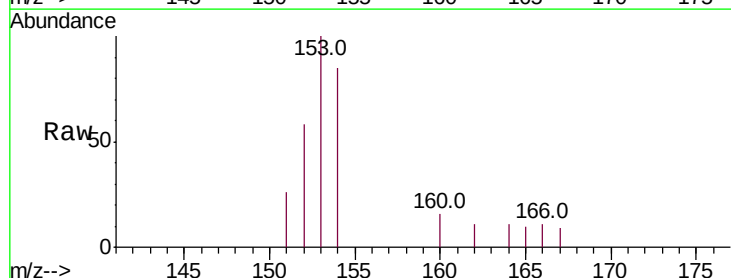
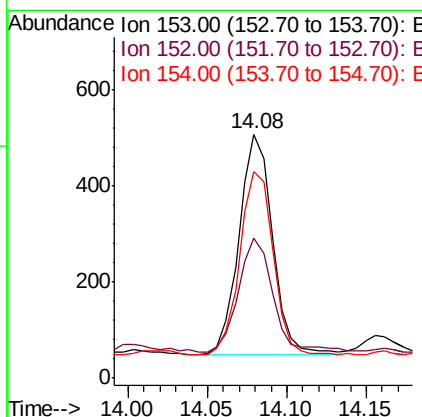
RT: 14.08 min Scan# 2171

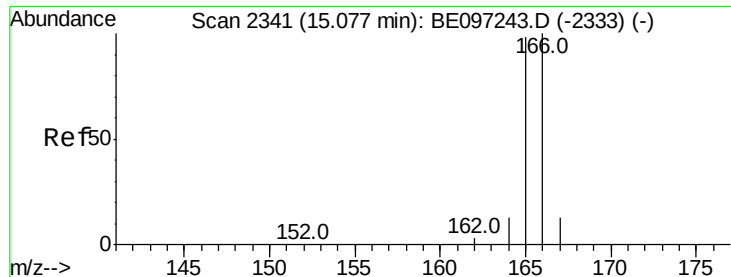
Delta R.T. -0.00 min

Lab File: BE097247.D

Acq: 9 Aug 2018 12:42

Tgt Ion:	153	Resp:	669
Ion Ratio	Lower	Upper	
153	100		
152	57.5	36.0	54.0#
154	84.6	72.0	108.0





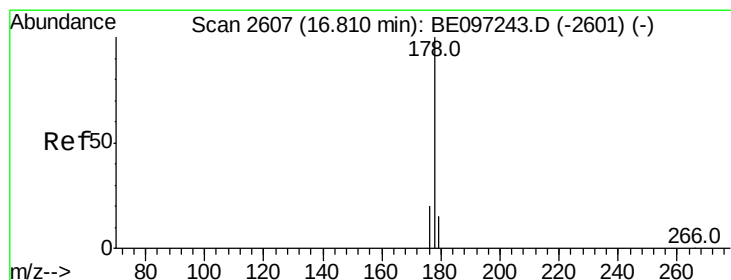
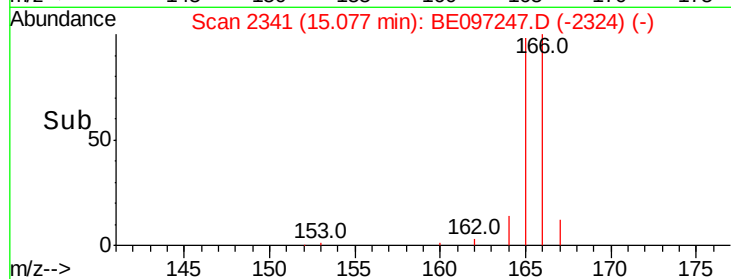
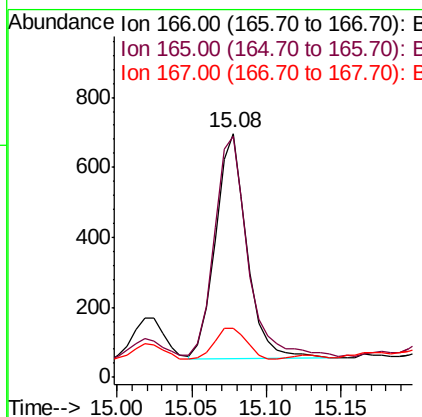
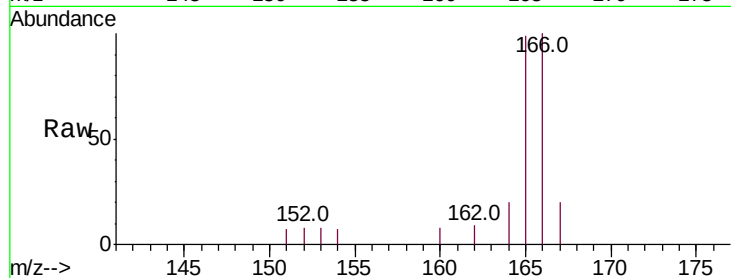
#9
Fluorene
 Concen: 0.068 ng/ul
 RT: 15.08 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BE097247.D
 Acq: 9 Aug 2018 12:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion:	166	Resp:	940
Ion	Ratio	Lower	Upper
166	100		
165	98.7	73.4	110.2
167	20.3	14.6	22.0

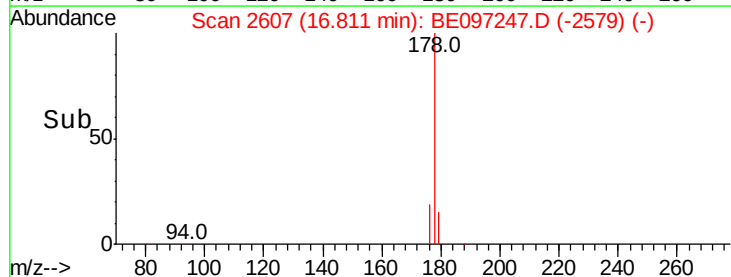
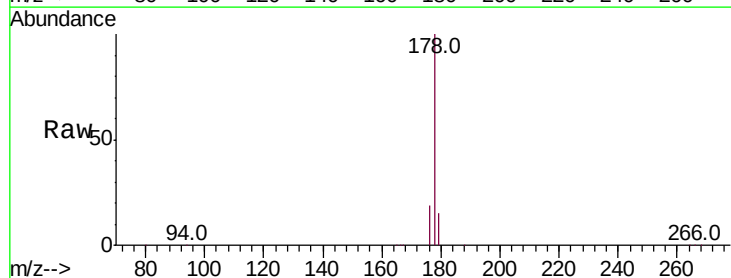
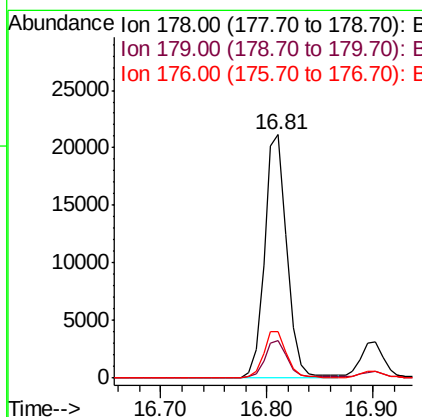
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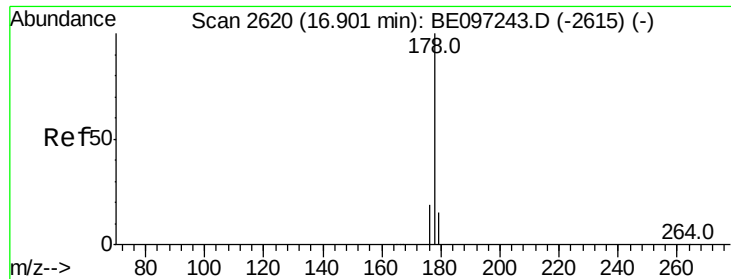
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#12
Phenanthrene
 Concen: 1.320 ng/ul
 RT: 16.81 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BE097247.D
 Acq: 9 Aug 2018 12:42

Tgt Ion:	178	Resp:	30742
Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	18.9	13.6	20.4





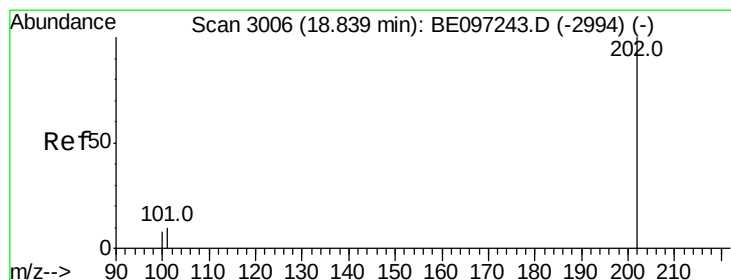
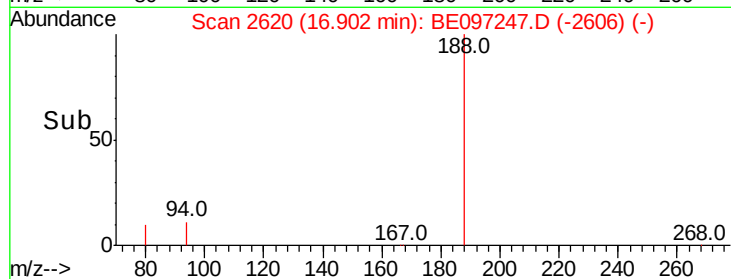
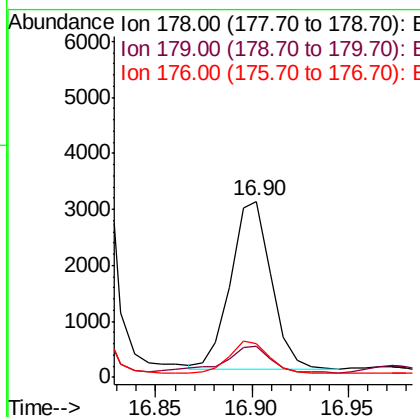
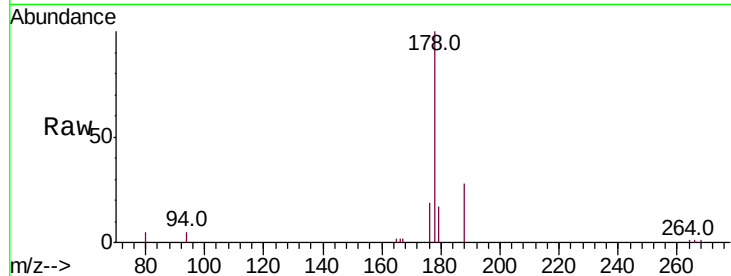
#13
 Anthracene
 Concen: 0.202 ng/ul
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BE097247.D
 Acq: 9 Aug 2018 12:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.1	27.1#
176	19.0	14.7	22.1

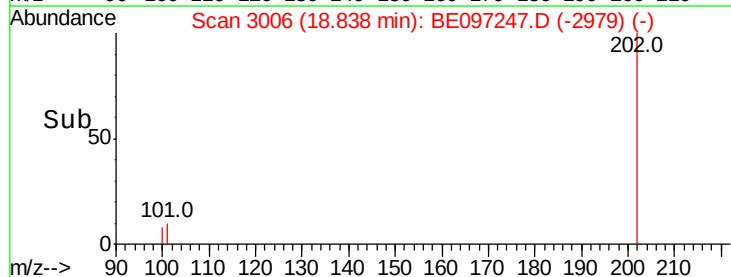
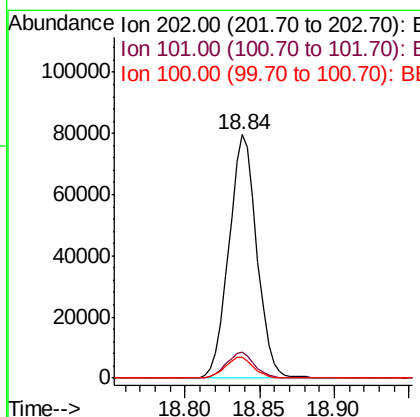
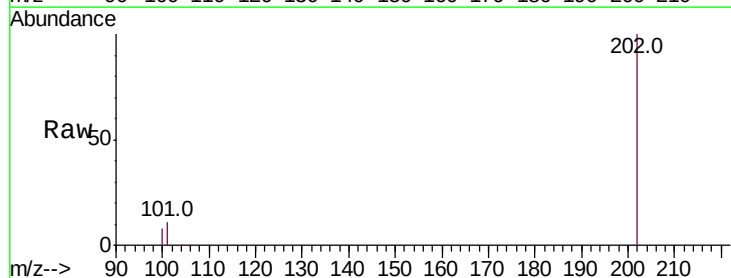
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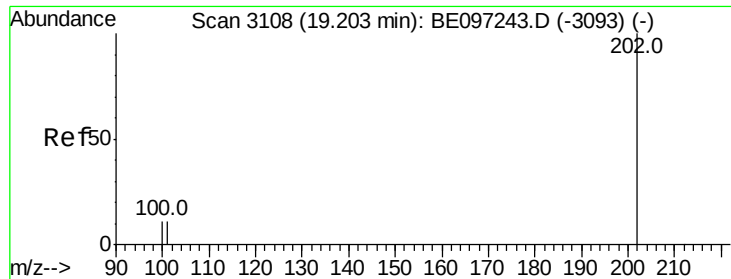
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#15
 Fluoranthene
 Concen: 3.347 ng/ul
 RT: 18.84 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BE097247.D
 Acq: 9 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.4	0.0	39.5





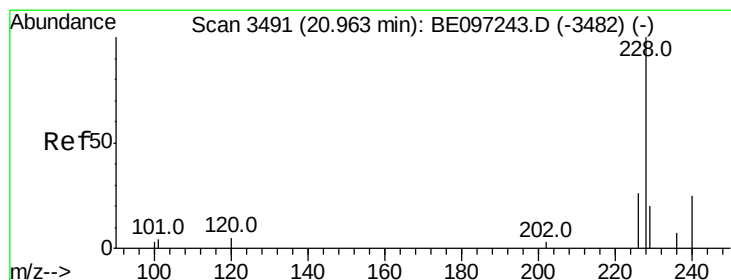
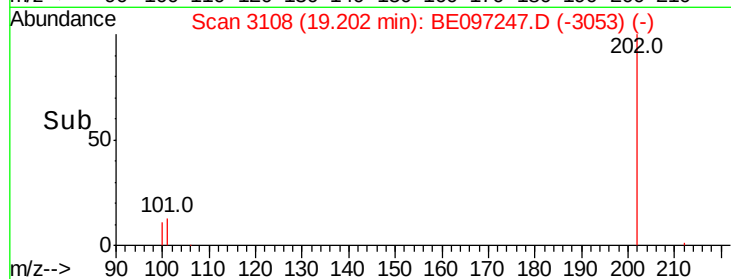
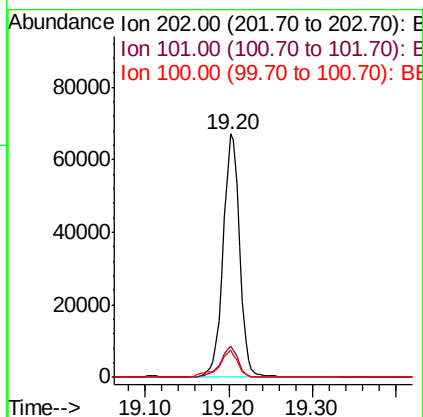
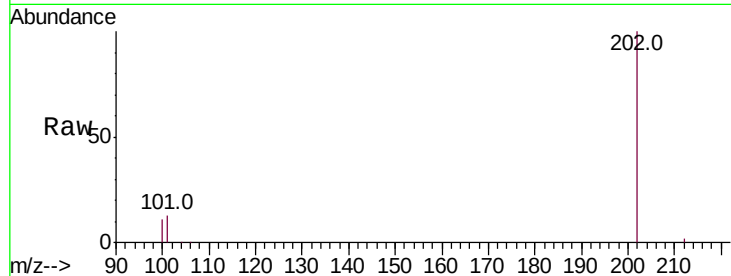
#17
Pvrene
Concen: 3.472 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	11.0	15.6	23.4#

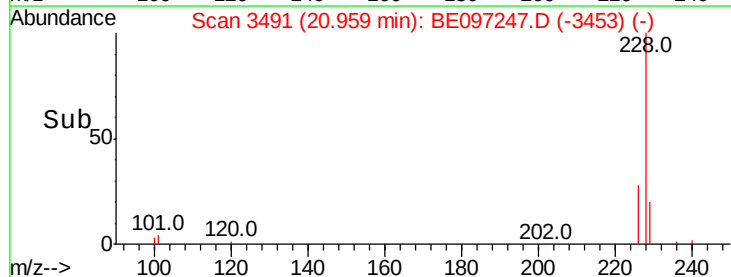
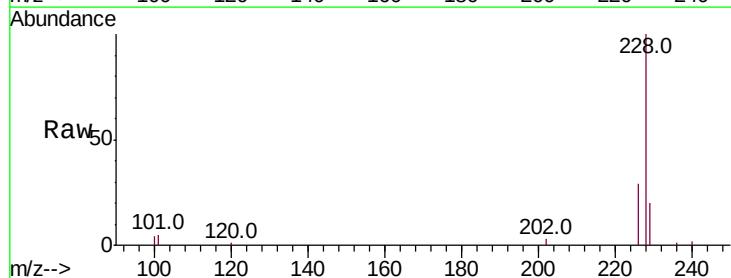
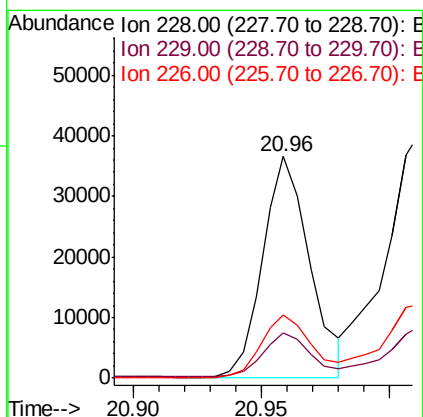
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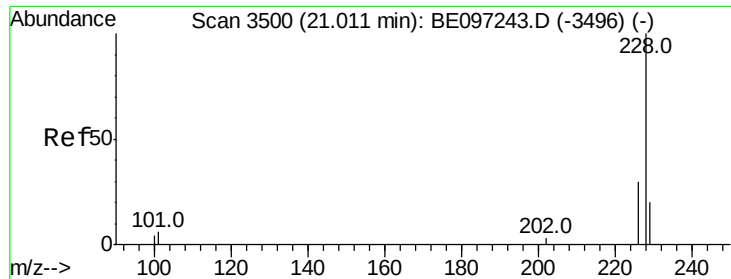
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#18
Benzo(a)anthracene
Concen: 1.639 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	28.6	17.0	25.6#





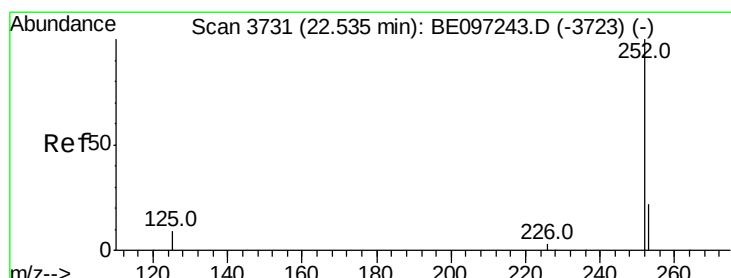
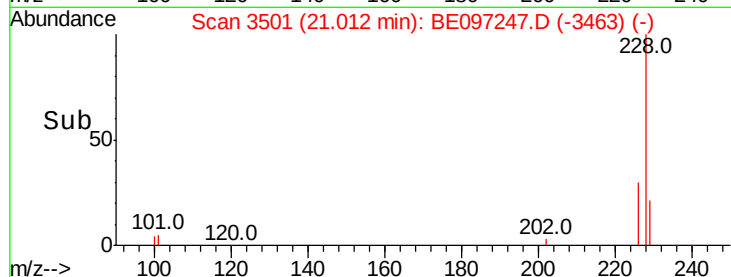
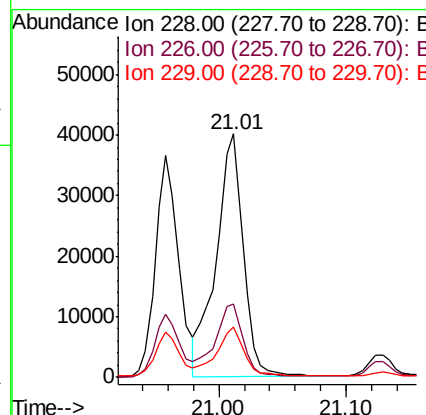
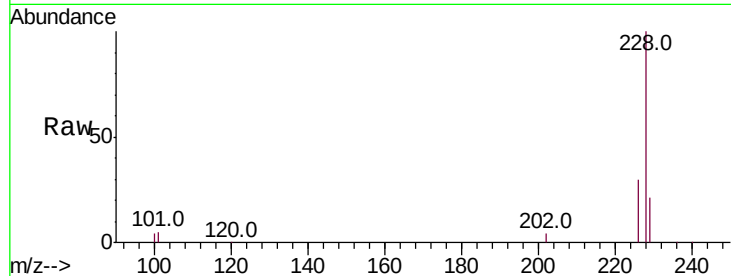
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Chrysene
Concen: 2.048 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	20.9	17.7	26.5

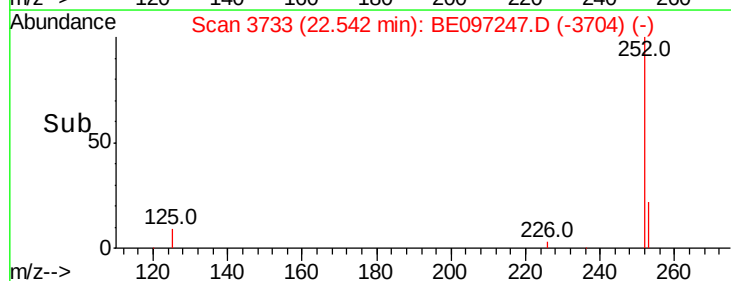
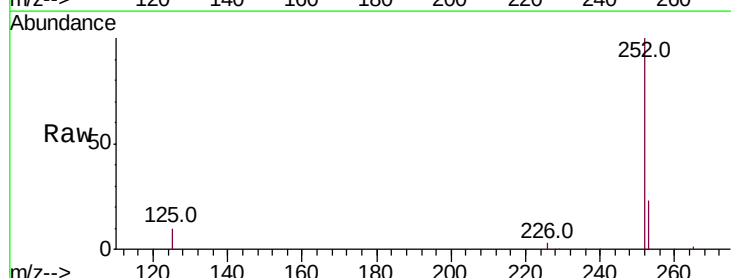
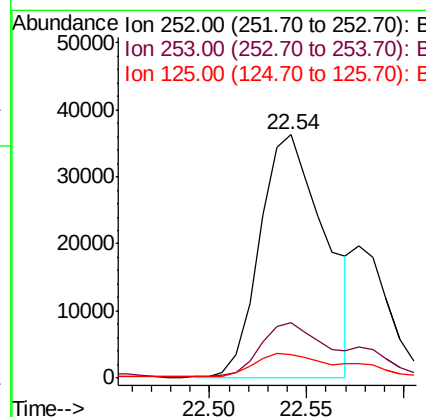
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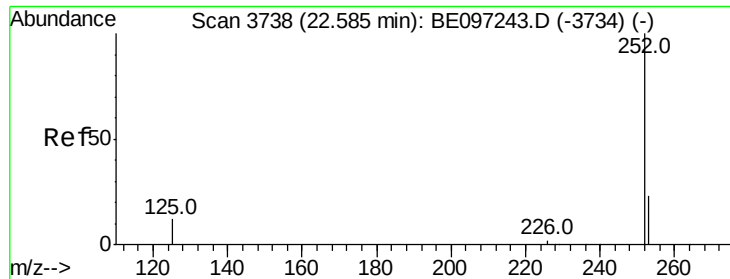
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#21
Benzo(b)fluoranthene
Concen: 3.002 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	9.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.859 ng/ul m

RT: 22.58 min Scan# 3738

Delta R.T. -0.01 min

Lab File: BE097247.D

Acq: 9 Aug 2018 12:42

Instrument :

BNA_E

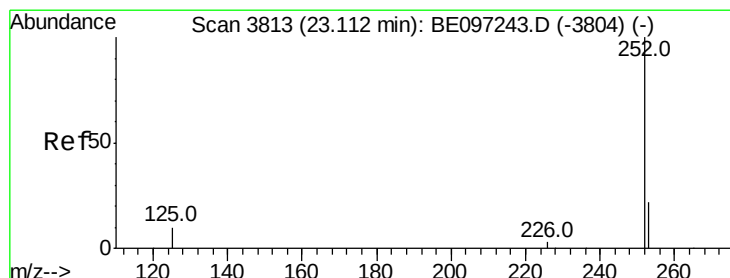
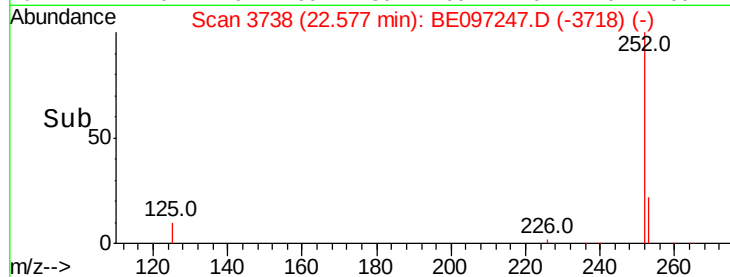
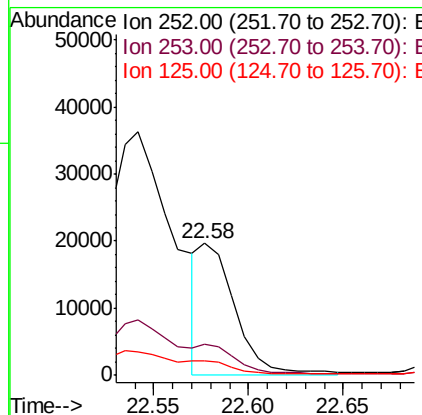
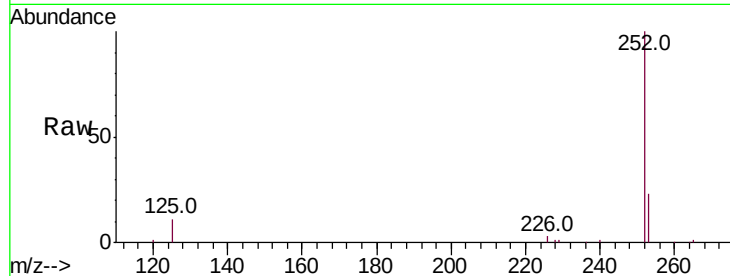
ClientSampleId :

C0AC3DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	26335		
253	23.1		24.5	36.7#
125	11.2		13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.852 ng/ul

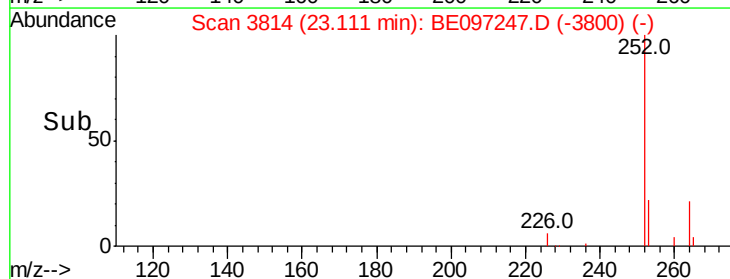
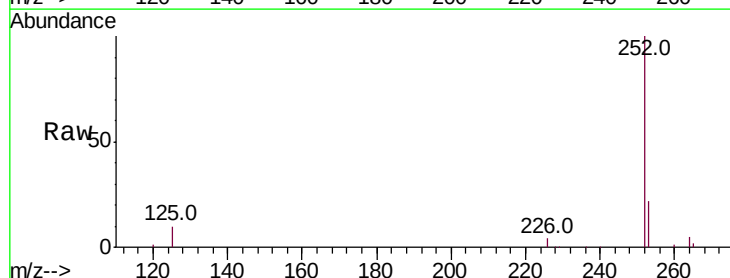
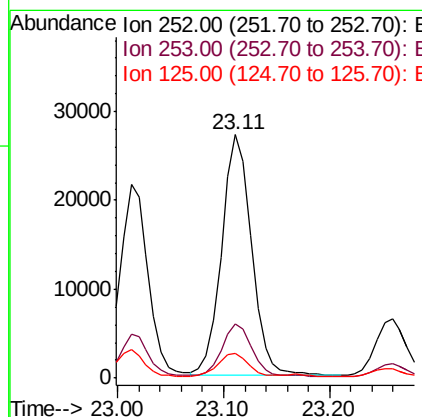
RT: 23.11 min Scan# 3814

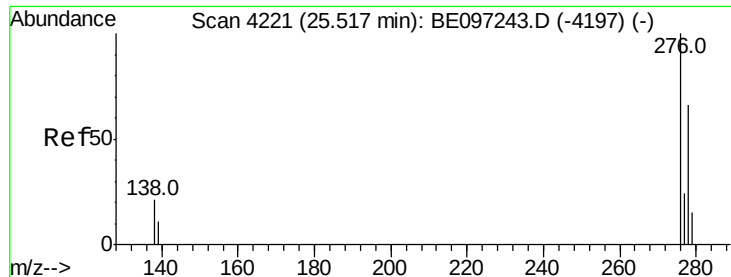
Delta R.T. 0.00 min

Lab File: BE097247.D

Acq: 9 Aug 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	52670		
253	22.3		28.5	42.7#
125	10.1		18.1	27.1#





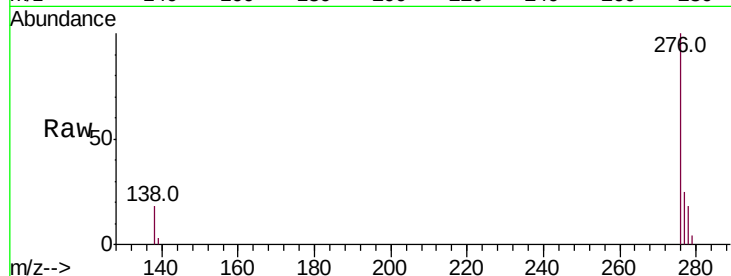
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.210 ng/ul
 RT: 25.50 min Scan# 4218
 Delta R.T. -0.00 min
 Lab File: BE097247.D
 Acq: 9 Aug 2018 12:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	43073		
138	17.5		28.0	42.0#
227	0.0		8.0	12.0#

Manual Integrations
 APPROVED

Sohil
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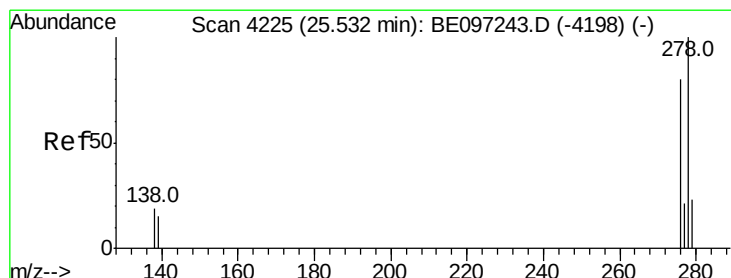
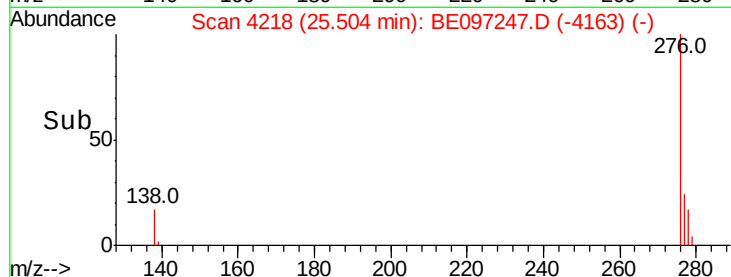
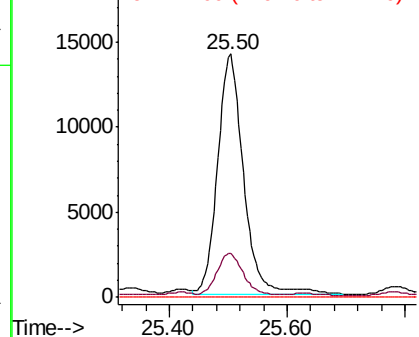


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.330 ng/ul
 RT: 25.52 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BE097247.D
 Acq: 9 Aug 2018 12:42

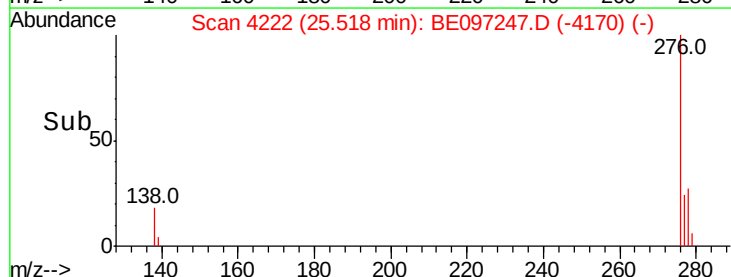
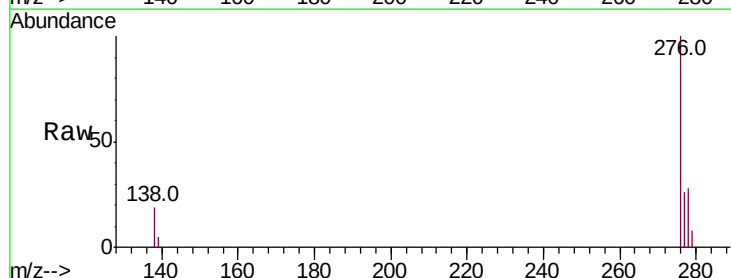
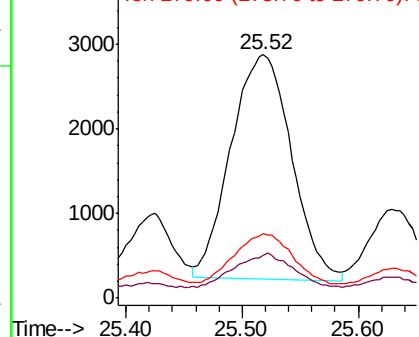
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	9621		
139	17.4		17.4	26.0
279	26.7		25.9	38.9

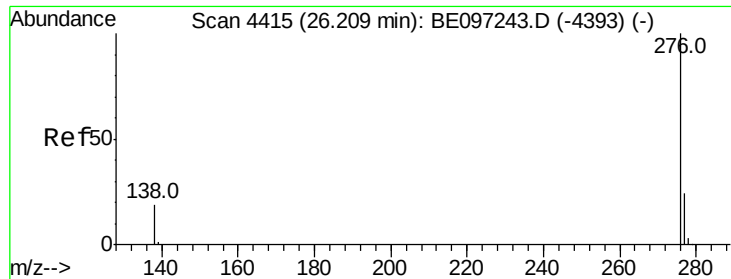
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 1.351 ng/ul
 RT: 26.20 min Scan# 4414
 Delta R.T. -0.00 min
 Lab File: BE097247.D
 Acq: 9 Aug 2018 12:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	21.8	32.8#
277	24.9	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/10/2018 2:50:21 PM

