

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101518\
 Data File : BE097902.D
 Acq On : 15 Oct 2018 16:31
 Operator : SJ/JU
 Sample : J5183-10DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC49DL

Manual Integrations
 APPROVED

Sohil
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Quant Time: Oct 15 17:14:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:15:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1950	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9963	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	6713	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	16237m	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	15753m	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	15267m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1193	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	3121m	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	634	0.026	ng/ul#	58
5) 2-Methylnaphthalene	12.37	142	489	0.028	ng/ul	100
8) Acenaphthene	14.62	153	633	0.032	ng/ul	96
9) Fluorene	15.61	166	518	0.020	ng/ul#	61
12) Phenanthrene	17.36	178	12525m	0.326	ng/ul	
13) Anthracene	17.45	178	2066m	0.058	ng/ul	
15) Fluoranthene	19.38	202	36003m	0.729	ng/ul	
17) Pyrene	19.74	202	42660	0.909	ng/ul	99
18) Benzo(a)anthracene	21.49	228	18763m	0.394	ng/ul	
19) Chrysene	21.54	228	35728m	0.835	ng/ul	
21) Benzo(b)fluoranthene	23.29	252	50009m	1.226	ng/ul	
22) Benzo(k)fluoranthene	23.33	252	11863m	0.272	ng/ul	
23) Benzo(a)pyrene	23.95	252	18872m	0.471	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.78	276	17640m	0.388	ng/ul	
26) Benzo(g,h,i)perylene	27.63	276	19865m	0.501	ng/ul	

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

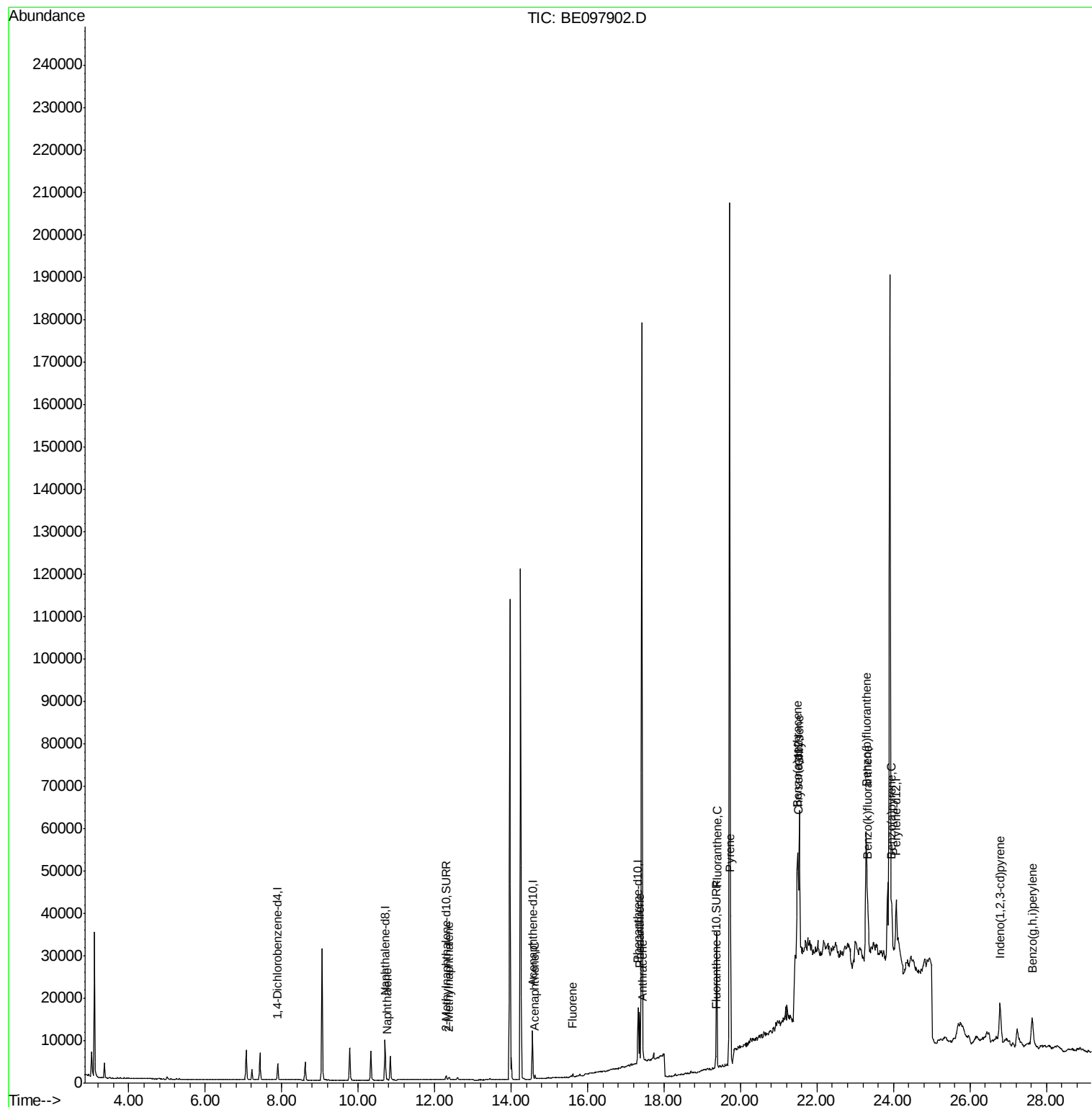
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101518\
Data File : BE097902.D
Acq On : 15 Oct 2018 16:31
Operator : SJ/JU
Sample : J5183-10DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

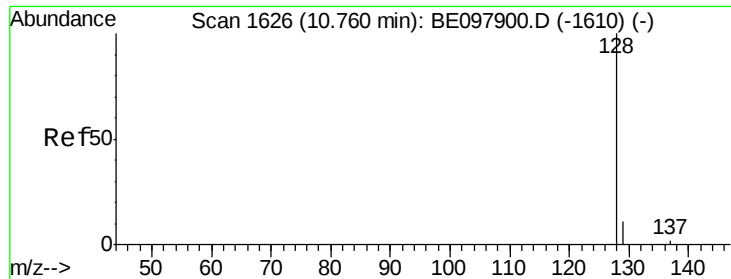
Instrument :
BNA_E
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JLC49DL

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Quant Time: Oct 15 17:14:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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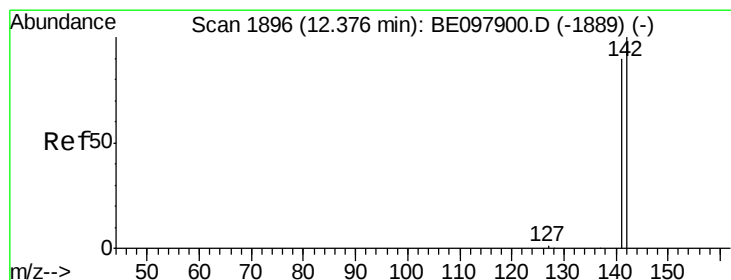
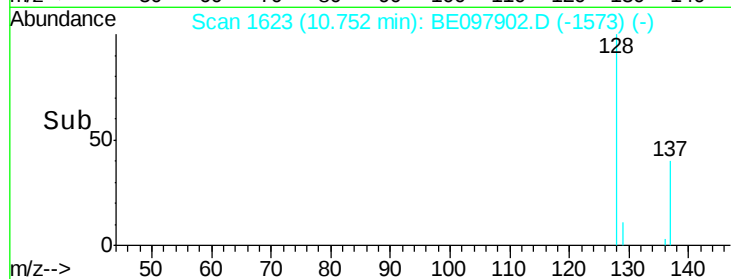
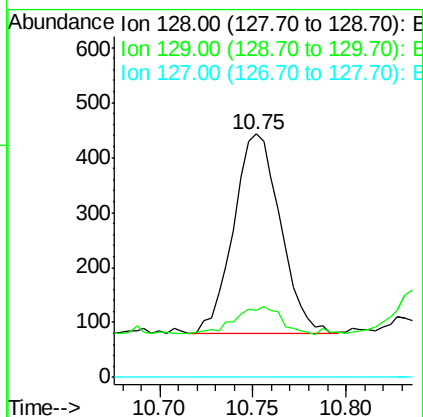
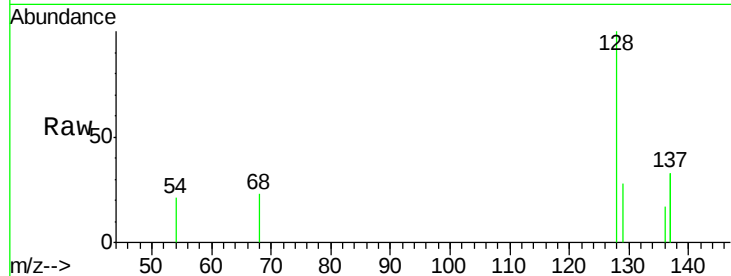
#3
Naphthalene
Concen: 0.026 ng/ul
RT: 10.75 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE097902.D
Acq: 15 Oct 2018 16:31

Instrument :
BNA_E
ClientSampleId :
JLC49DL

Tgt Ion:128 Resp: 634
Ion Ratio Lower Upper
128 100
129 27.5 9.1 13.7#
127 0.0 0.0 0.0

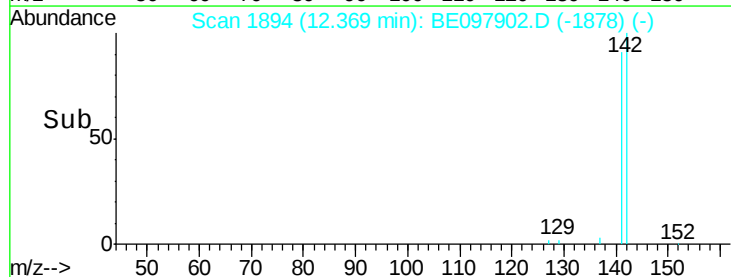
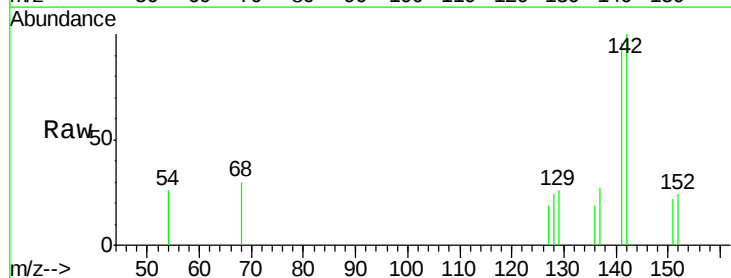
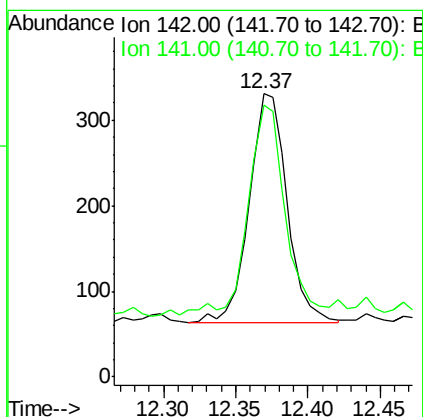
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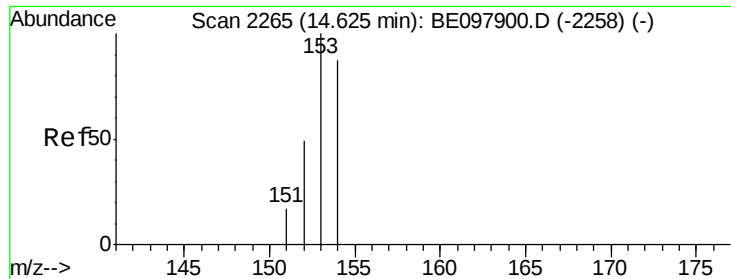
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#5
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.37 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BE097902.D
Acq: 15 Oct 2018 16:31

Tgt Ion:142 Resp: 489
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4





#8

Acenaphthene

Concen: 0.032 ng/ul

RT: 14.62 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Instrument :

BNA_E

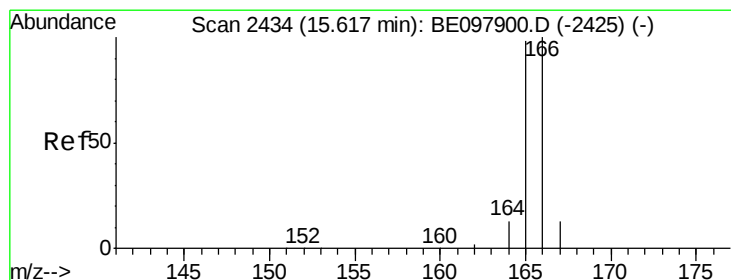
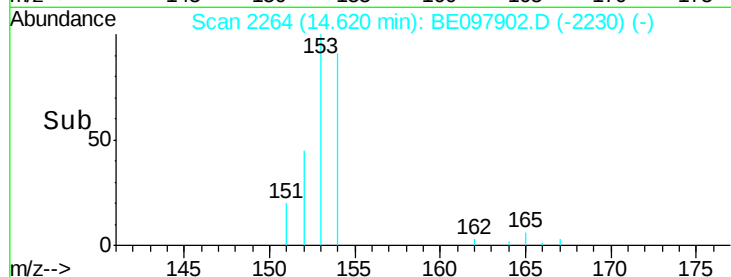
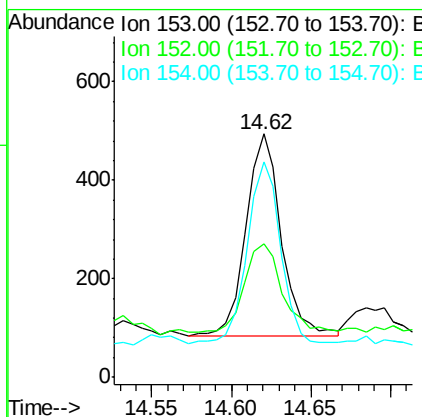
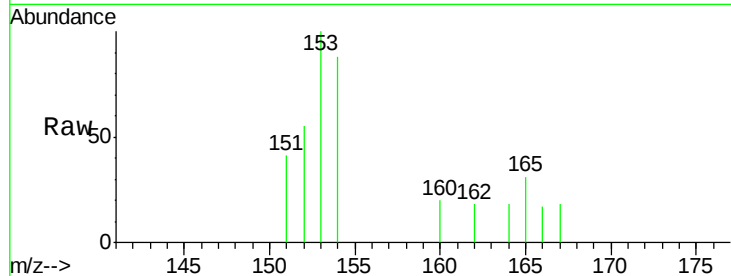
ClientSampleId :

JLC49DL

Tgt Ion:	153	Resp:	633
Ion	Ratio	Lower	Upper
153	100		
152	55.1	41.2	61.8
154	88.5	68.6	103.0

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#9

Fluorene

Concen: 0.020 ng/ul

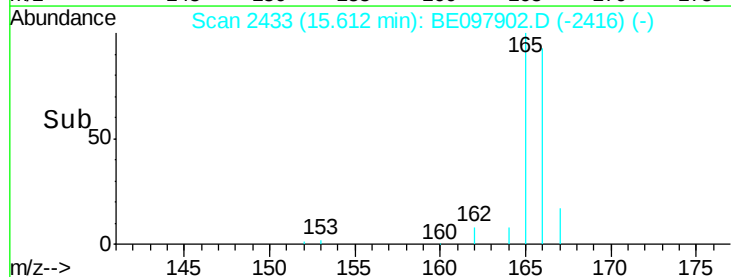
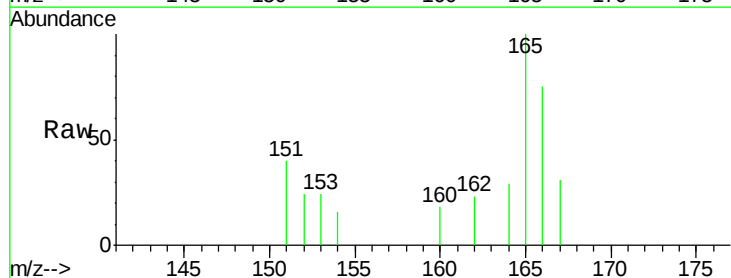
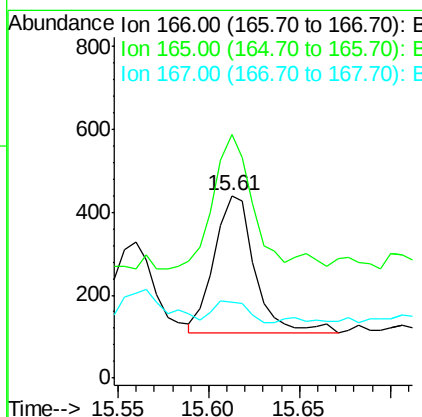
RT: 15.61 min Scan# 2433

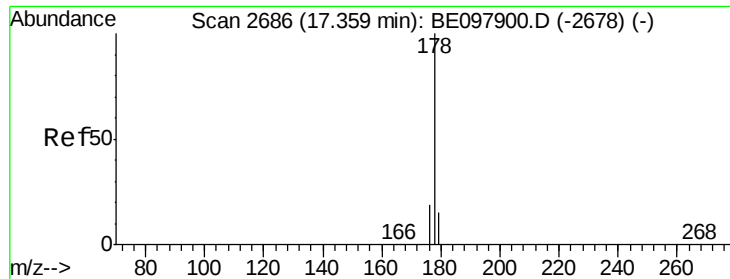
Delta R.T. 0.00 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Tgt Ion:	166	Resp:	518
Ion	Ratio	Lower	Upper
166	100		
165	133.3	79.2	118.8#
167	41.7	11.3	16.9#





#12

Phenanthrene

Concen: 0.326 ng/ul m

RT: 17.36 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Instrument :

BNA_E

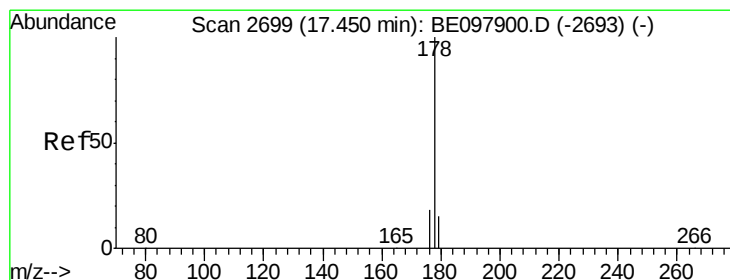
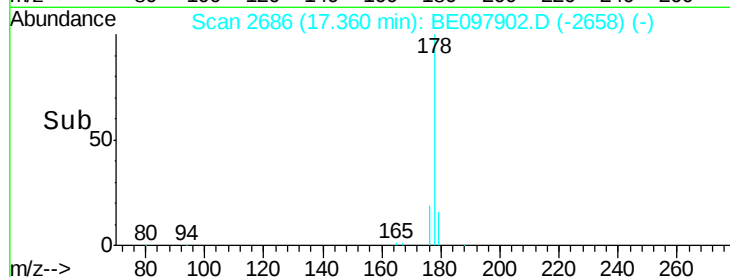
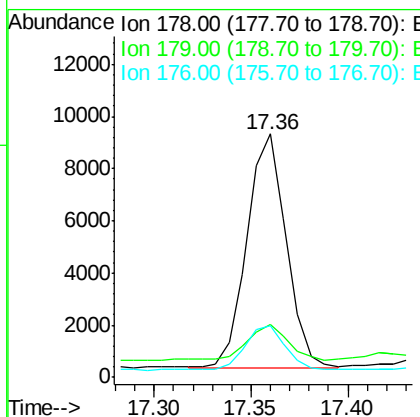
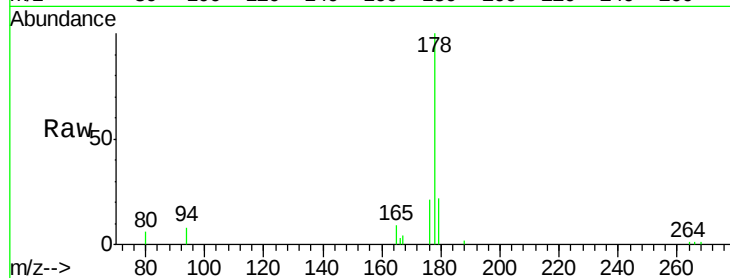
ClientSampleId :

JLC49DL

Tgt Ion:	178	Resp:	12525
Ion Ratio	Lower	Upper	
178	100		
179	21.9	12.8	19.2#
176	21.2	14.9	22.3

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#13

Anthracene

Concen: 0.058 ng/ul m

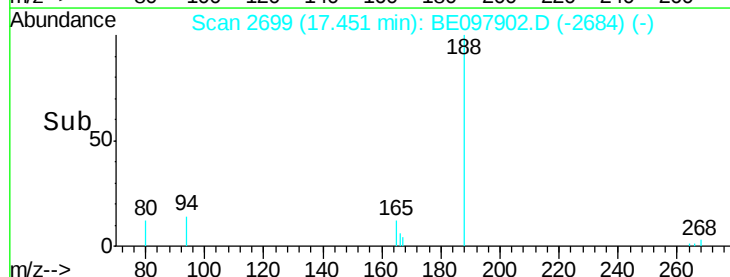
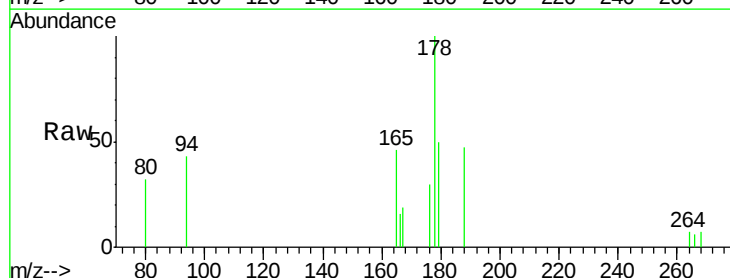
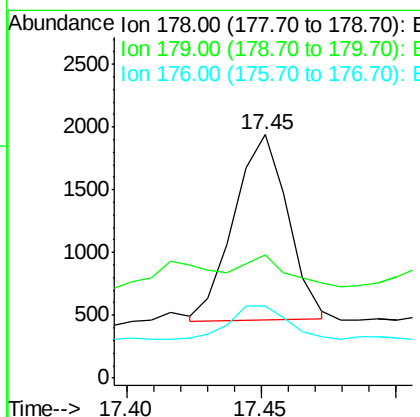
RT: 17.45 min Scan# 2699

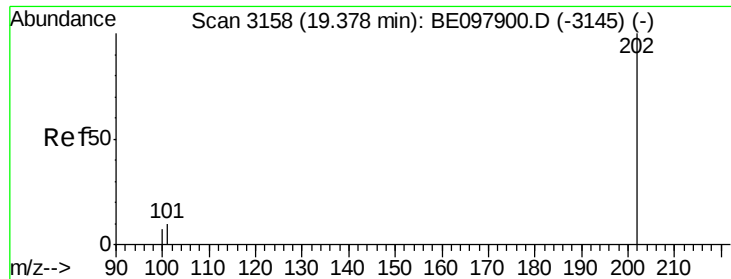
Delta R.T. 0.01 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Tgt Ion:	178	Resp:	2066
Ion Ratio	Lower	Upper	
178	100		
179	50.5	12.9	19.3#
176	29.8	15.5	23.3#





#15

Fluoranthene

Concen: 0.729 ng/ul m

RT: 19.38 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Instrument :

BNA_E

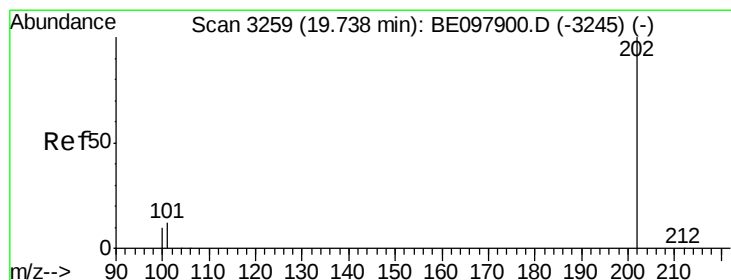
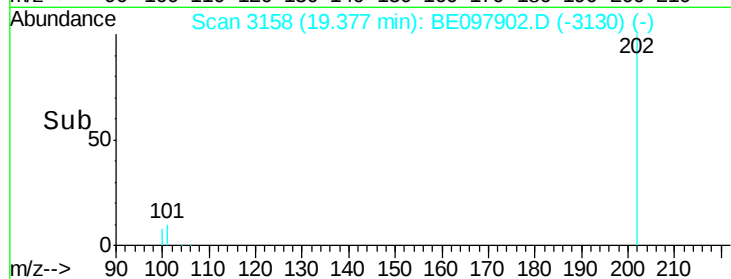
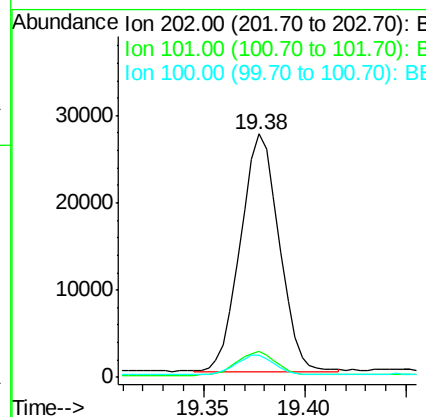
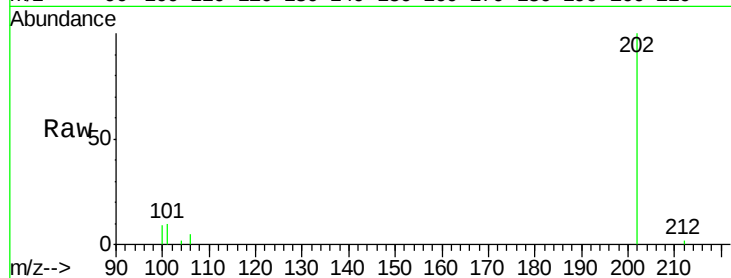
ClientSampleId :

JLC49DL

Tgt	Ion	202	Resp:	36003
Ion	Ratio	Lower	Upper	
202	100			
101	10.5	0.0	29.3	
100	8.9	0.0	27.5	

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#17

Pyrene

Concen: 0.909 ng/ul

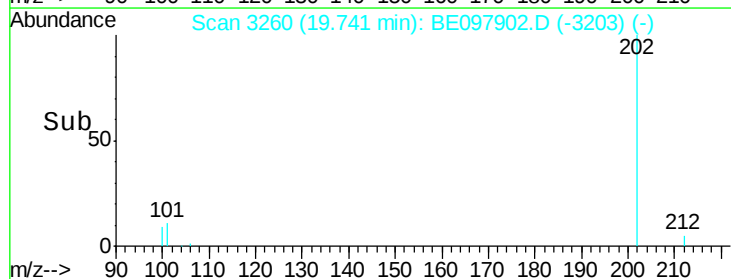
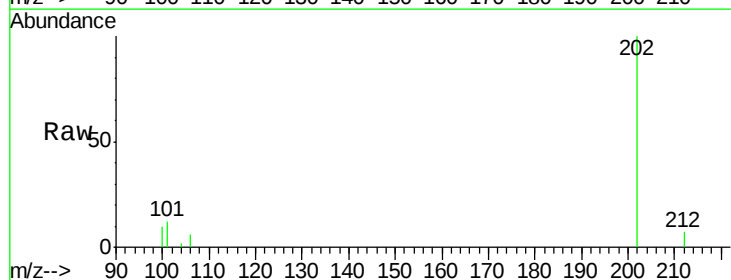
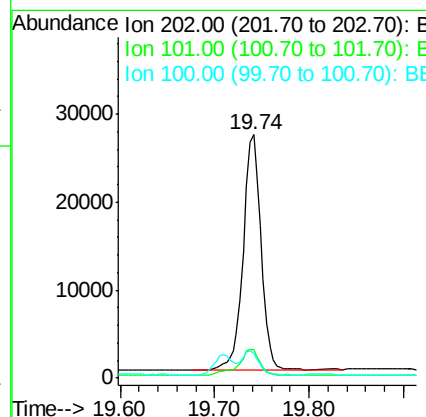
RT: 19.74 min Scan# 3260

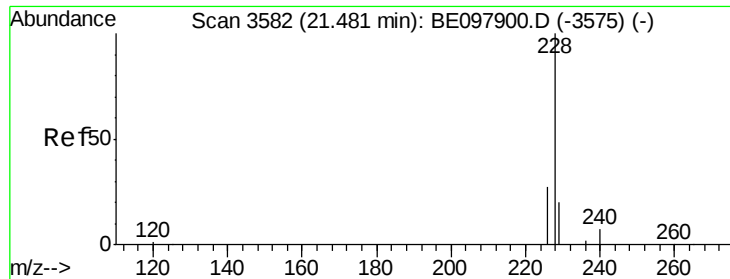
Delta R.T. 0.00 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Tgt	Ion	202	Resp:	42660
Ion	Ratio	Lower	Upper	
202	100			
101	11.5	8.8	13.2	
100	10.4	7.9	11.9	





#18

Benzo(a)anthracene

Concen: 0.394 ng/ul m

RT: 21.49 min Scan# 3583

Delta R.T. 0.01 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Instrument :

BNA_E

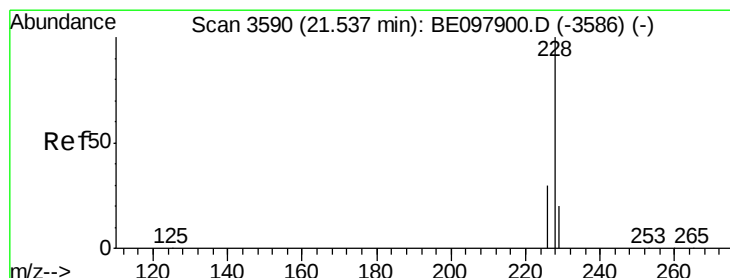
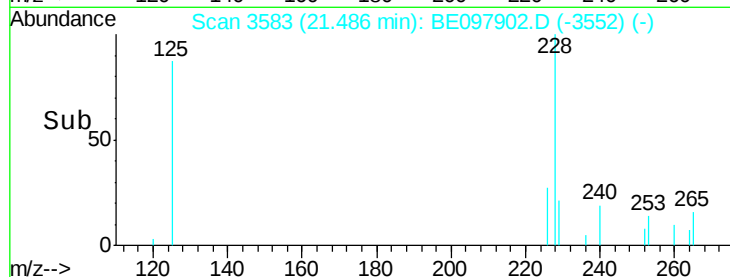
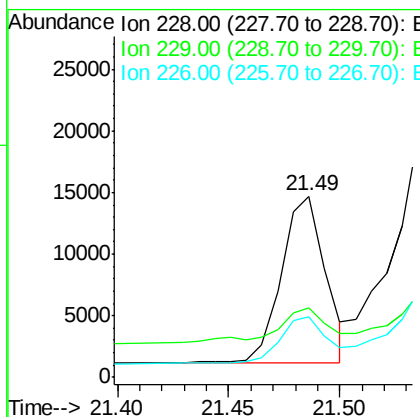
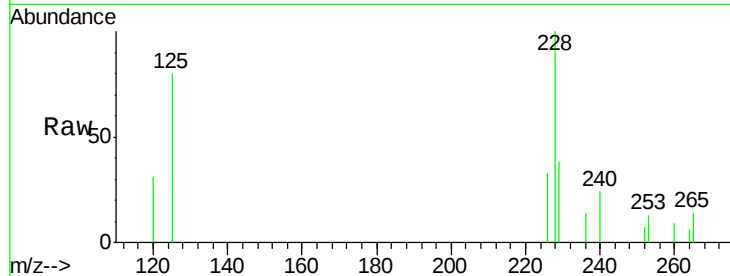
ClientSampled :

JLC49DL

Tgt Ion:	228	Resp:	18763
Ion Ratio		Lower	Upper
228	100		
229	38.4	16.4	24.6#
226	33.2	21.5	32.3#

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#19

Chrysene

Concen: 0.835 ng/ul m

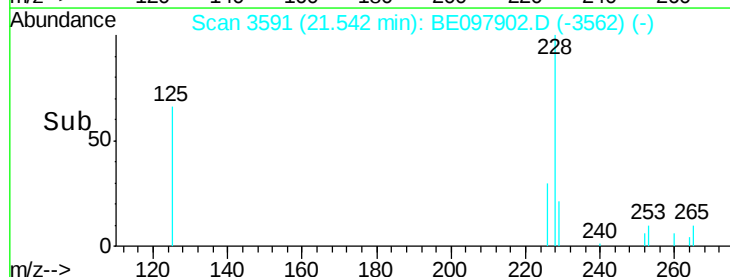
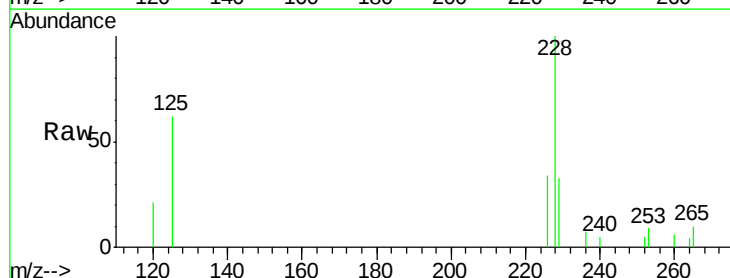
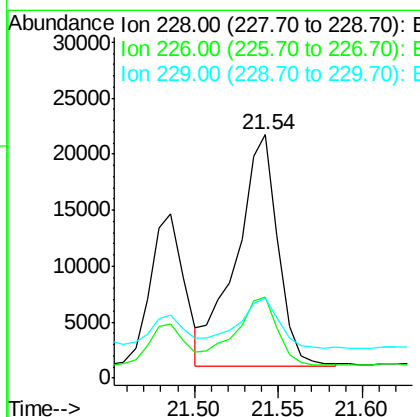
RT: 21.54 min Scan# 3591

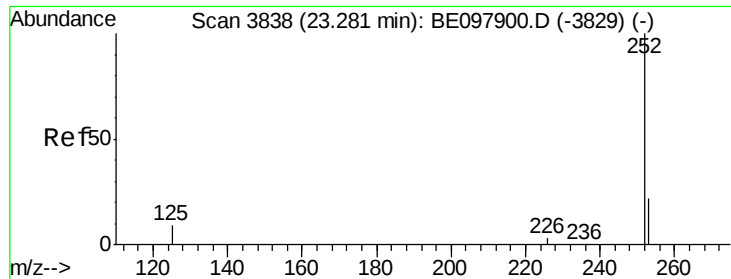
Delta R.T. 0.01 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Tgt Ion:	228	Resp:	35728
Ion Ratio		Lower	Upper
228	100		
226	33.6	23.0	34.4
229	33.0	15.5	23.3#





#21

Benzo(b)fluoranthene

Concen: 1.226 ng/ul m

RT: 23.29 min Scan# 3839

Delta R.T. 0.01 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Instrument :

BNA_E

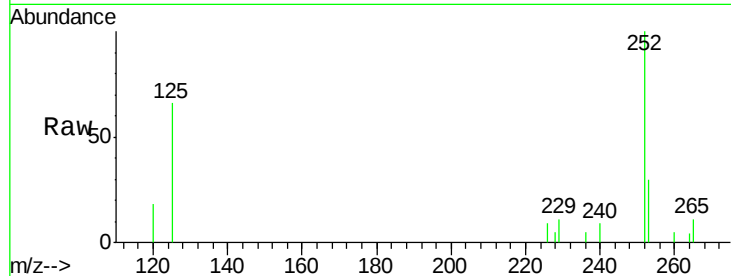
ClientSampleId :

JLC49DL

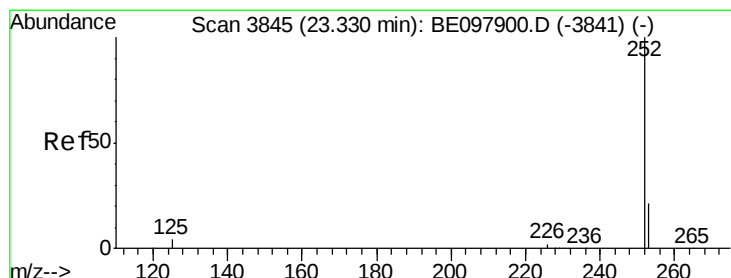
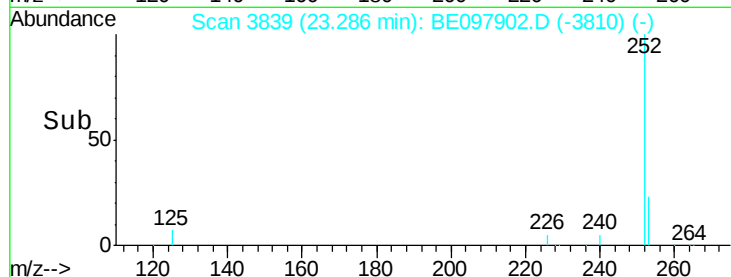
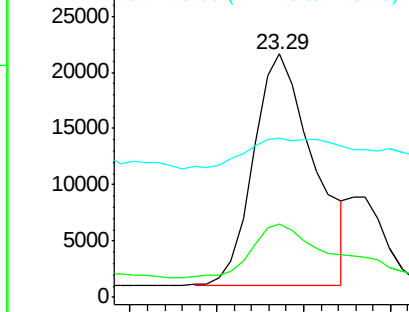
Tgt Ion:	252	Resp:	50009
Ion Ratio	Lower	Upper	
252	100		
253	30.4	0.0	47.0
125	65.6	0.0	18.2#

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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



#22

Benzo(k)fluoranthene

Concen: 0.272 ng/ul m

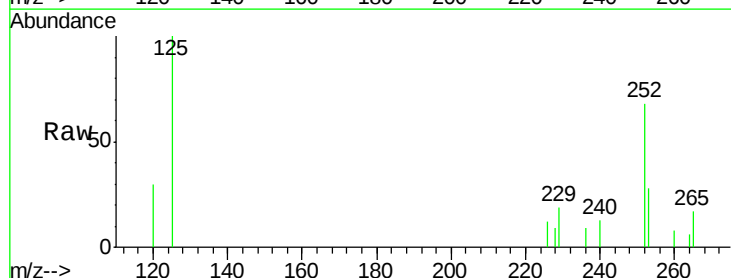
RT: 23.33 min Scan# 3845

Delta R.T. -0.00 min

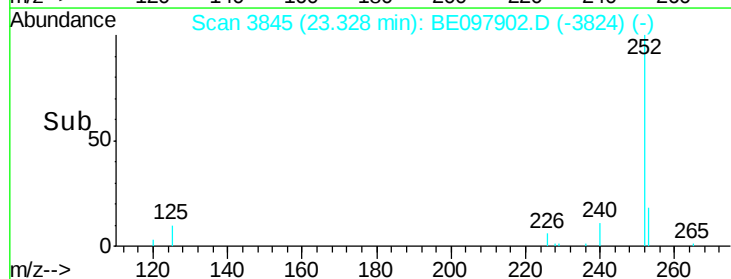
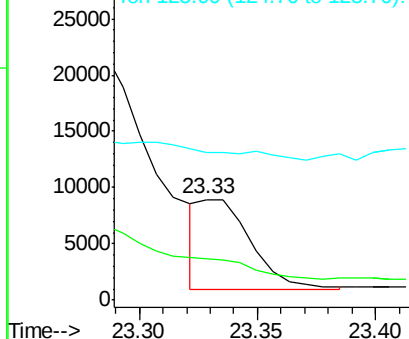
Lab File: BE097902.D

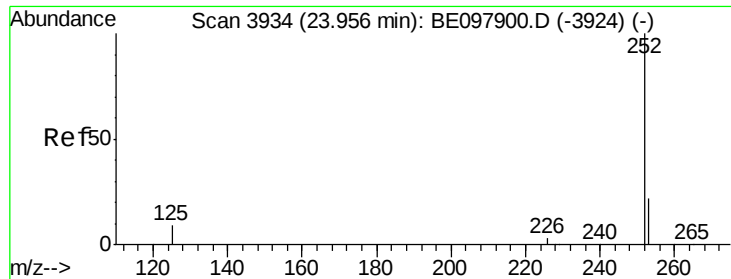
Acq: 15 Oct 2018 16:31

Tgt Ion:	252	Resp:	11863
Ion Ratio	Lower	Upper	
252	100		
253	41.7	17.8	26.6#
125	147.1	9.4	14.0#



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: 0.471 ng/ul m

RT: 23.95 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Instrument :

BNA_E

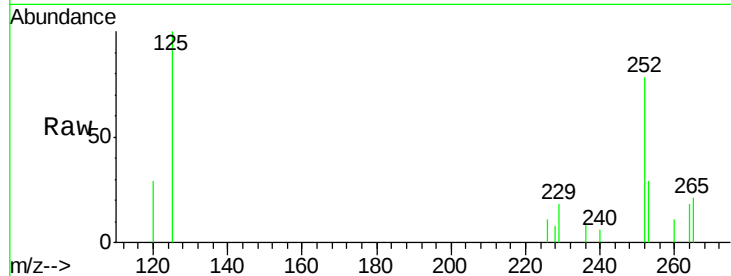
ClientSampleId :

JLC49DL

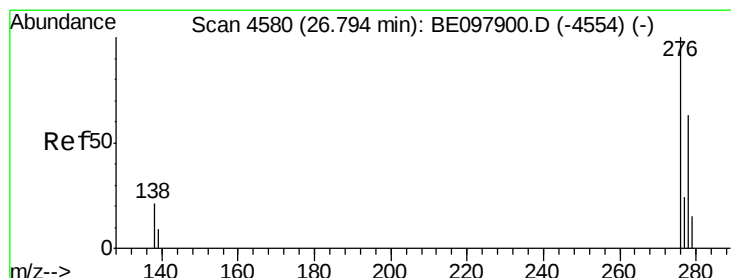
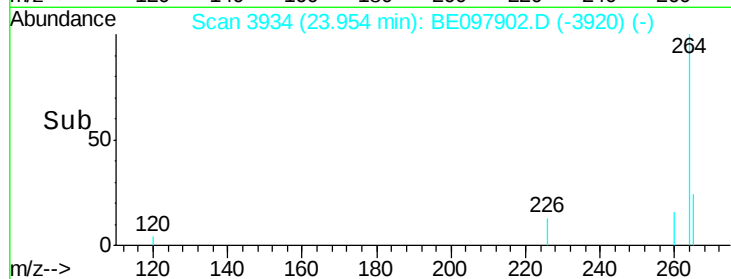
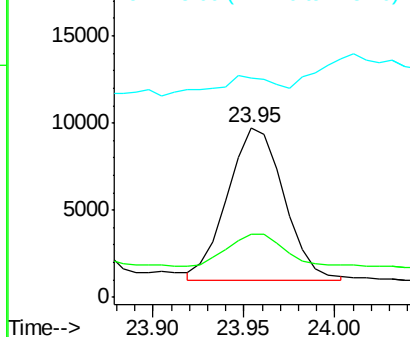
Tgt Ion:	252	Resp:	18872
Ion Ratio	Lower	Upper	
252	100		
253	36.9	18.2	27.4#
125	128.8	8.3	12.5#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng/ul m

RT: 26.78 min Scan# 4577

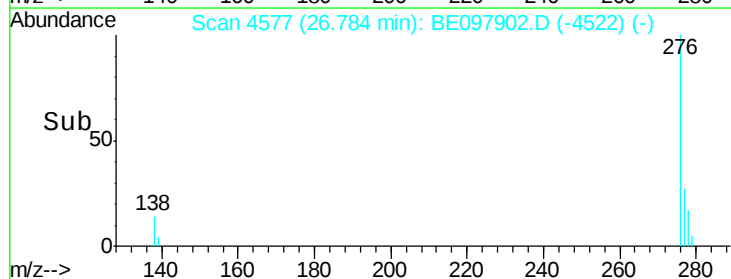
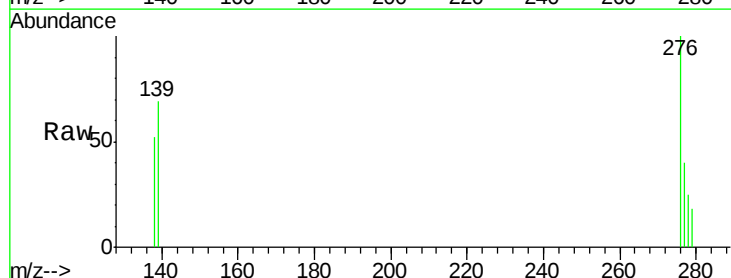
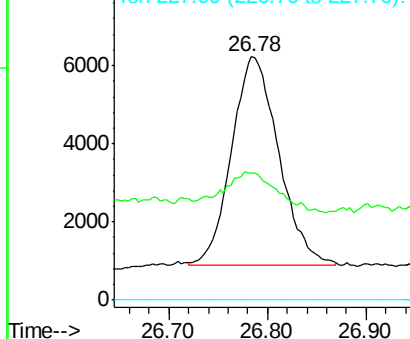
Delta R.T. -0.00 min

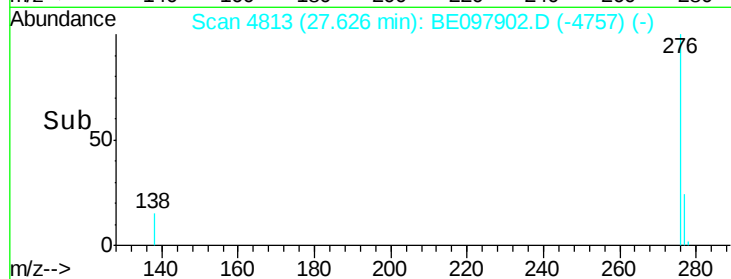
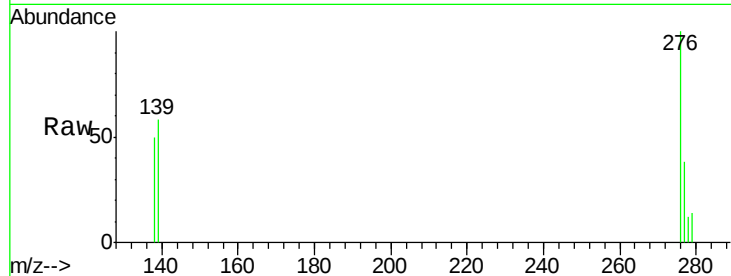
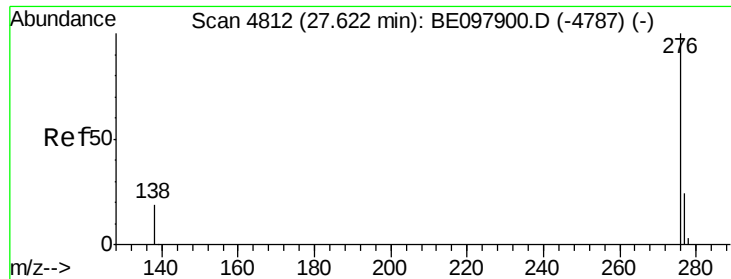
Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Tgt Ion:	276	Resp:	17640
Ion Ratio	Lower	Upper	
276	100		
138	1.0	0.0	0.0#
227	0.0	0.0	0.0

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





#26

Benzo(g,h,i)perylene

Concen: 0.501 ng/ul m

RT: 27.63 min Scan# 4813

Delta R.T. -0.00 min

Lab File: BE097902.D

Acq: 15 Oct 2018 16:31

Instrument :

BNA_E

ClientSampleId :

JLC49DL

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		19865		
138	50.1	14.3	21.5#		
277	37.8	19.5	29.3#		

Manual Integrations
APPROVED

Sohil
10/15/2018 5:48:27 PM

