

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
 Data File : BE097863.D
 Acq On : 11 Oct 2018 18:43
 Operator : SJ/JU
 Sample : J5184-03DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC22DL

Manual Integrations
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 10/12/2018 6:34:53 PM

Quant Time: Oct 11 19:23:43 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 : Thu Oct 11 14:16:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2648	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13875	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	10196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	25433	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	26308	0.40	ng/ul	0.00
20) Perylene-d12	24.05	264	26037	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1393	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	4504	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	10420	0.309	ng/ul	98
5) 2-Methylnaphthalene	12.36	142	4171	0.171	ng/ul	100
7) Acenaphthylene	14.27	152	2227	0.058	ng/ul#	74
8) Acenaphthene	14.61	153	14456	0.483	ng/ul	97
9) Fluorene	15.60	166	15051	0.385	ng/ul	98
11) Pentachlorophenol	16.96	266	429	0.120	ng/ul#	80
12) Phenanthrene	17.35	178	483469	8.030	ng/ul	98
13) Anthracene	17.44	178	92834	1.664	ng/ul	99
15) Fluoranthene	19.37	202	932280	12.056	ng/ul	98
17) Pyrene	19.73	202	870988	11.113	ng/ul	97
18) Benzo(a)anthracene	21.47	228	531864	6.686	ng/ul	97
19) Chrysene	21.53	228	1289839	18.047	ng/ul	96
21) Benzo(b)fluoranthene	23.27	252	974311m	14.001	ng/ul	
22) Benzo(k)fluoranthene	23.31	252	283979m	3.812	ng/ul	
23) Benzo(a)pyrene	23.93	252	333708	4.884	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.75	276	319878	4.124	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.77	278	89756	1.400	ng/ul#	78
26) Benzo(g,h,i)perylene	27.58	276	374108	5.536	ng/ul	97

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

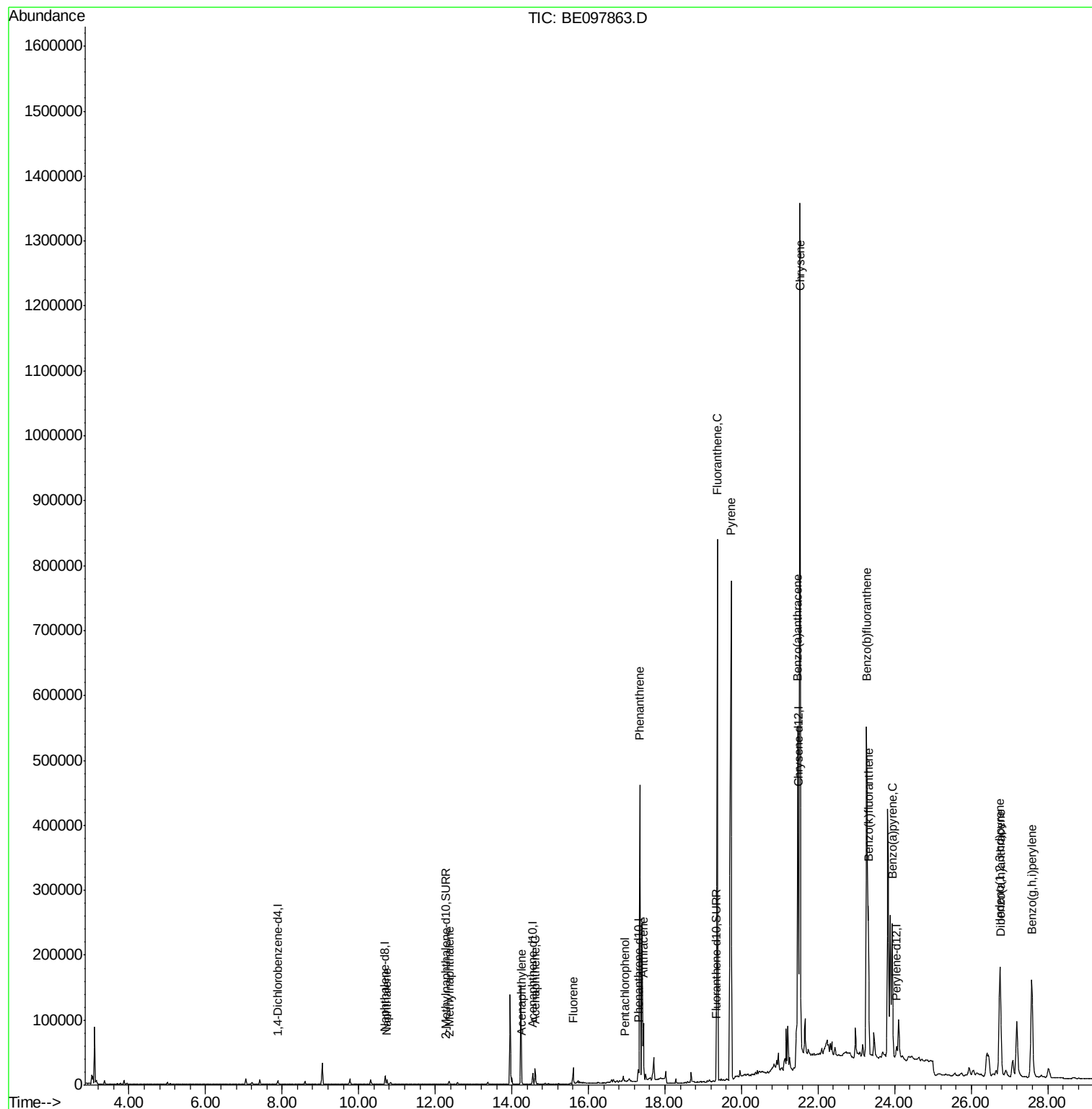
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
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ALS Vial : 15 Sample Multiplier: 1

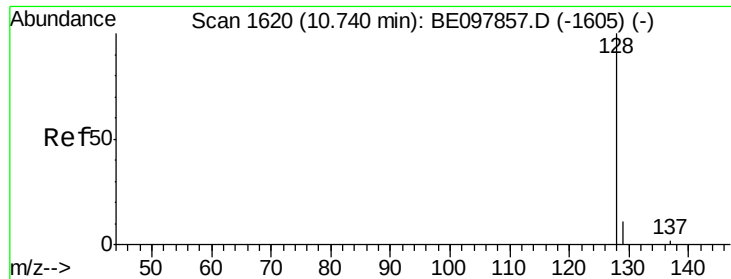
Instrument :
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#3

Naphthalene

Concen: 0.309 ng/ul

RT: 10.74 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Instrument :

BNA_E

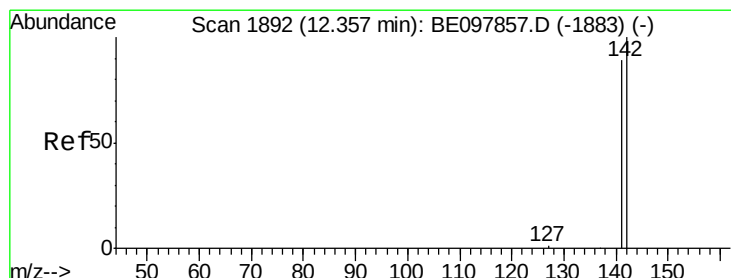
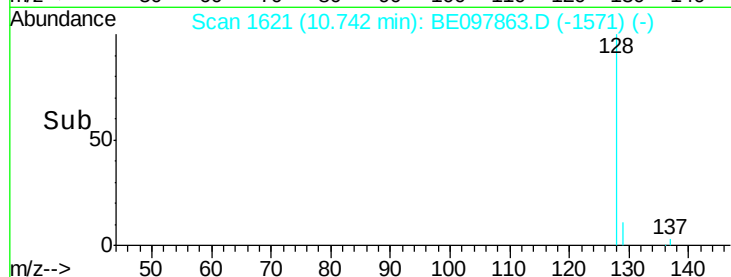
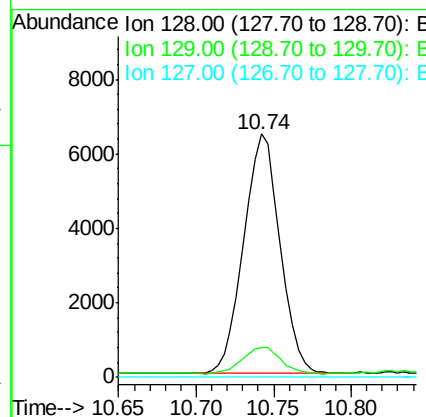
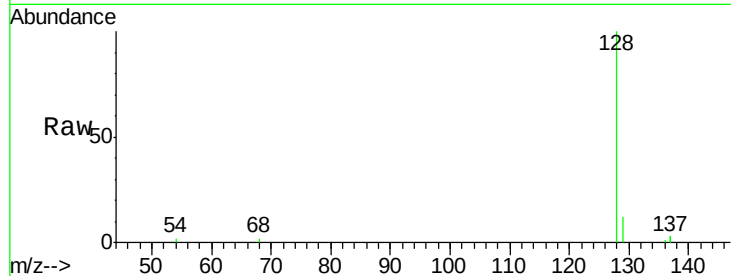
ClientSampleId :

JLC22DL

Tgt Ion:	128	Resp:	10420
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.1	13.7
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.171 ng/ul

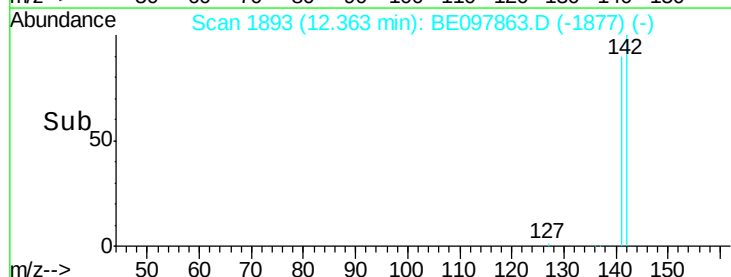
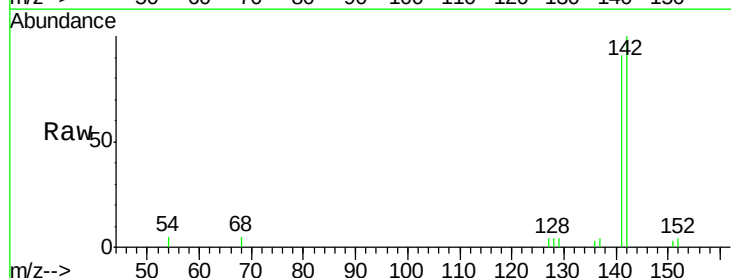
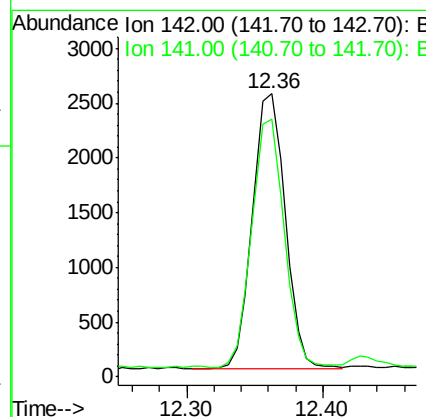
RT: 12.36 min Scan# 1893

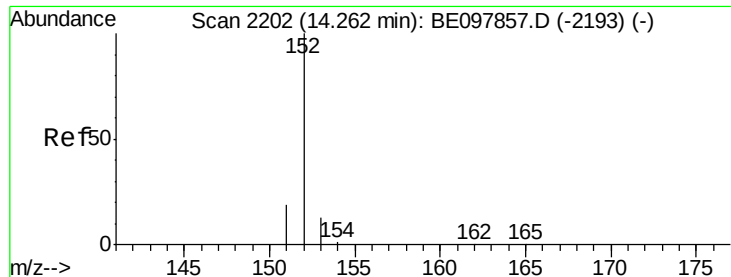
Delta R.T. 0.01 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Tgt Ion:	142	Resp:	4171
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.6	107.4





#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.27 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Instrument :

BNA_E

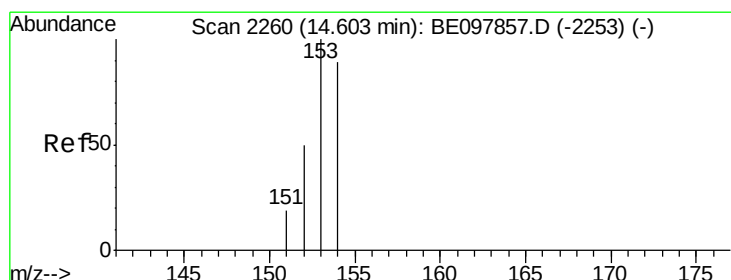
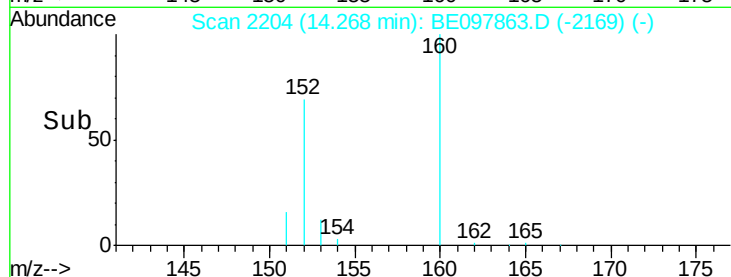
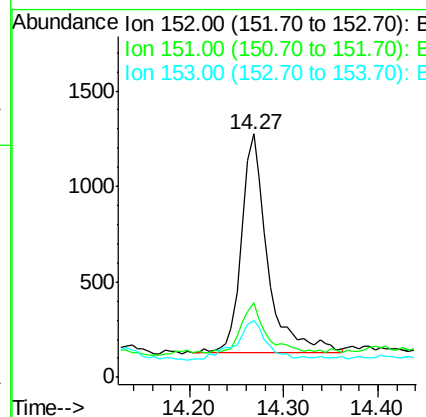
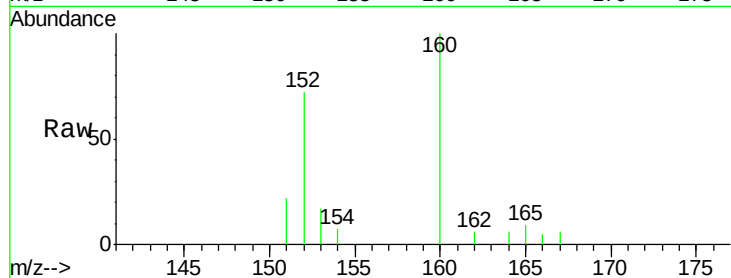
ClientSampleId :

JLC22DL

Tgt Ion:	152	Resp:	2227
Ion Ratio	Lower	Upper	
152	100		
151	30.4	15.0	22.6#
153	23.1	10.5	15.7#

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#8

Acenaphthene

Concen: 0.483 ng/ul

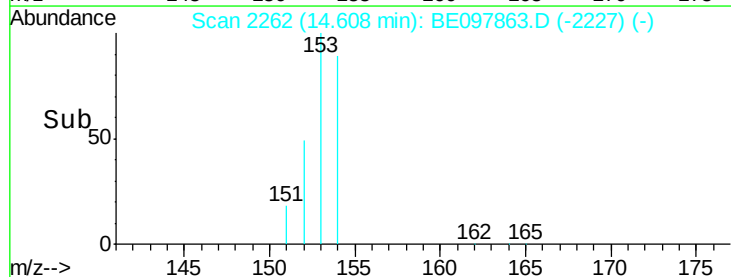
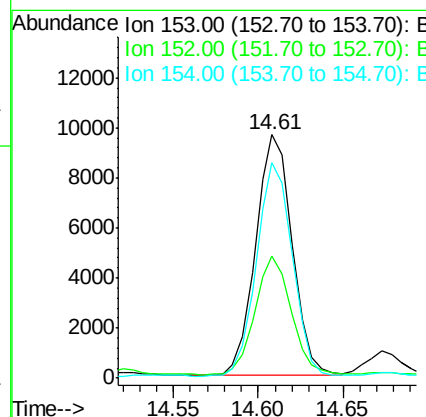
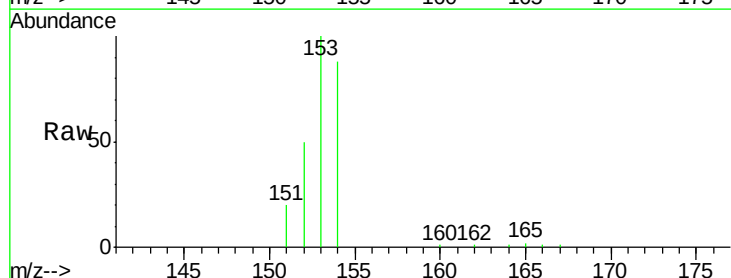
RT: 14.61 min Scan# 2262

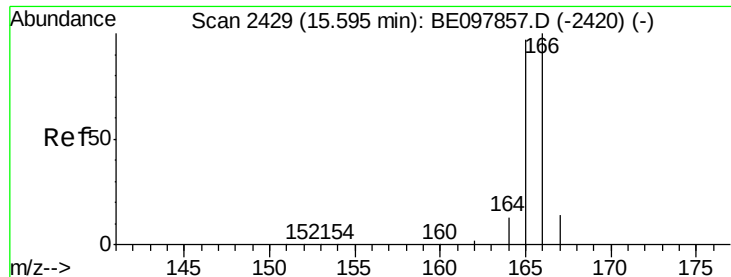
Delta R.T. 0.01 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Tgt Ion:	153	Resp:	14456
Ion Ratio	Lower	Upper	
153	100		
152	49.9	41.2	61.8
154	88.4	68.6	103.0





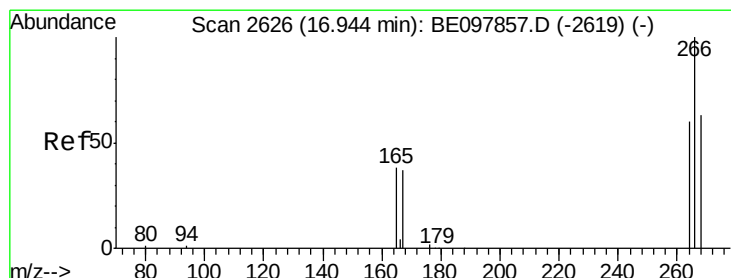
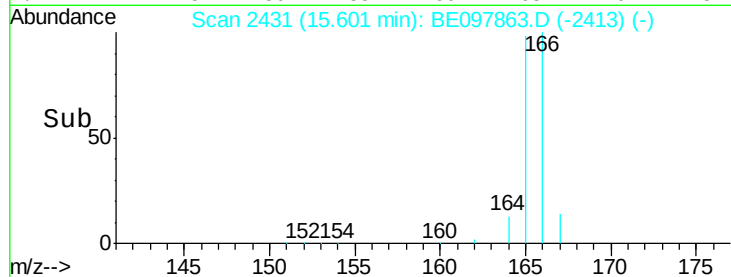
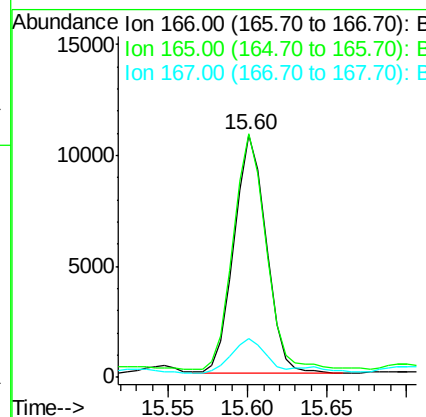
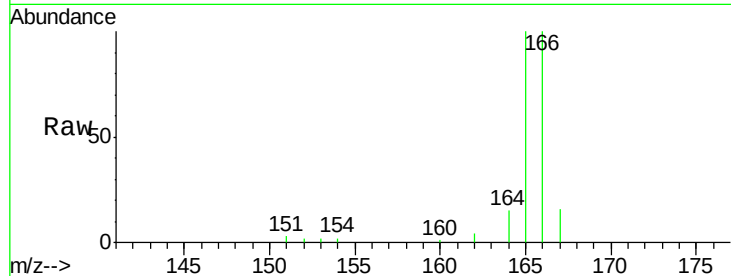
#9
Fluorene
 Concen: 0.385 ng/ul
 RT: 15.60 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BE097863.D
 Acq: 11 Oct 2018 18:43

Instrument :
 BNA_E
 ClientSampleID :
 JLC22DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.2	118.8
167	16.0	11.3	16.9

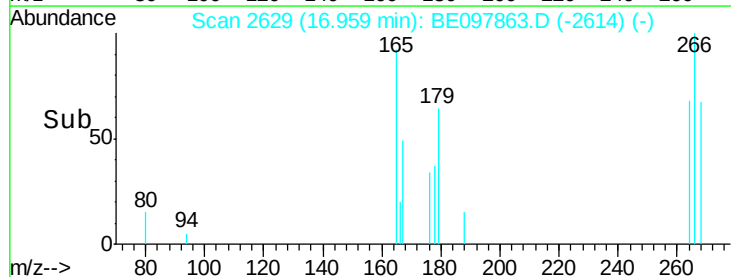
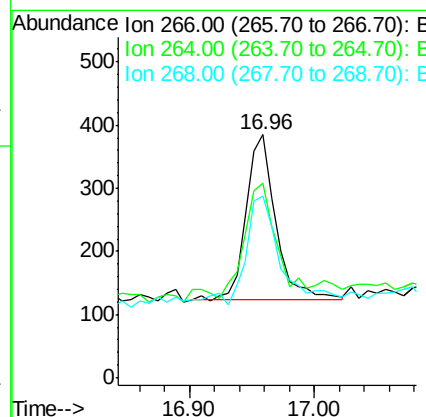
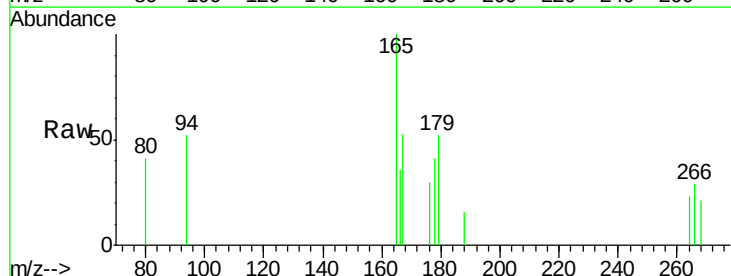
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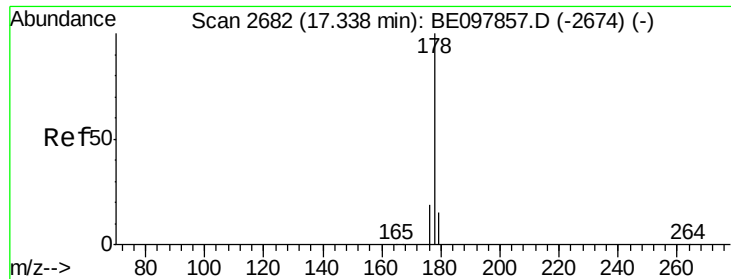
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#11
Pentachlorophenol
 Concen: 0.120 ng/ul
 RT: 16.96 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BE097863.D
 Acq: 11 Oct 2018 18:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	85.3	49.8	74.8#
268	68.1	48.4	72.6





#12

Phenanthrene

Concen: 8.030 ng/ul

RT: 17.35 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Instrument :

BNA_E

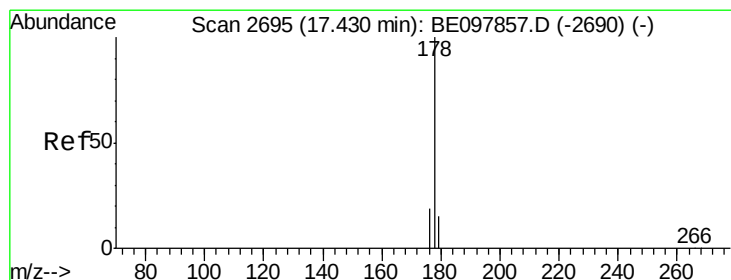
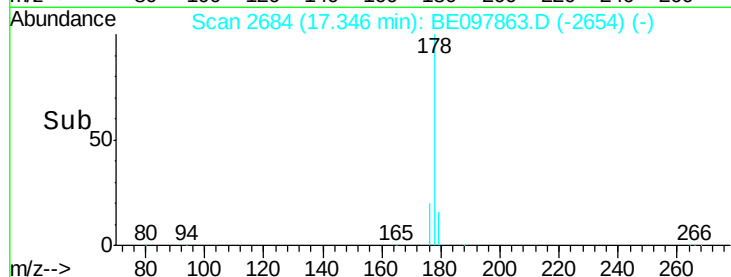
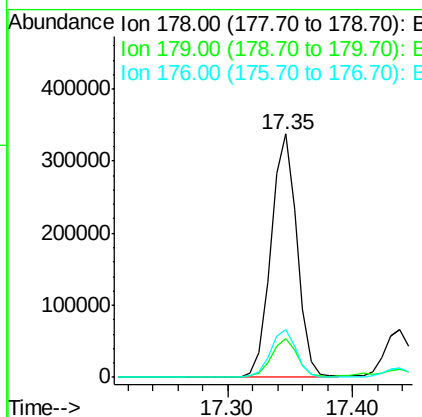
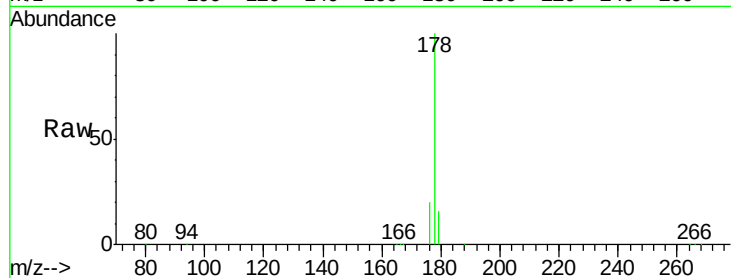
ClientSampleId :

JLC22DL

Tgt Ion:	178	Resp:	483469
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.8	14.9	22.3

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#13

Anthracene

Concen: 1.664 ng/ul

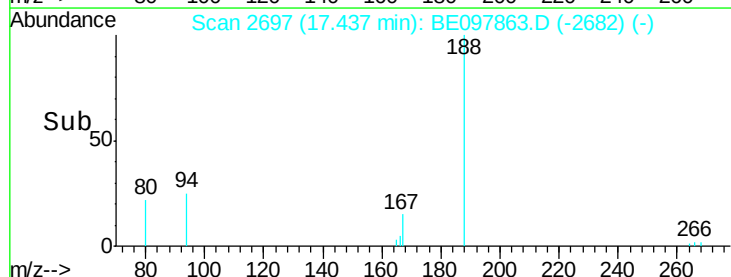
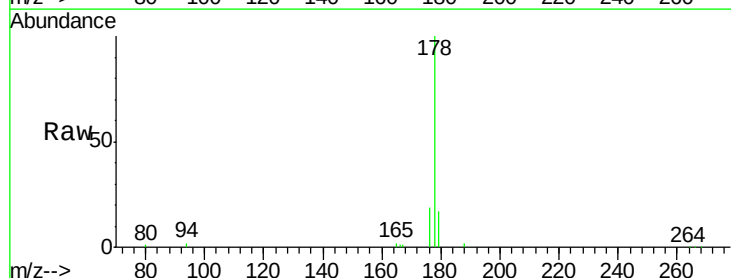
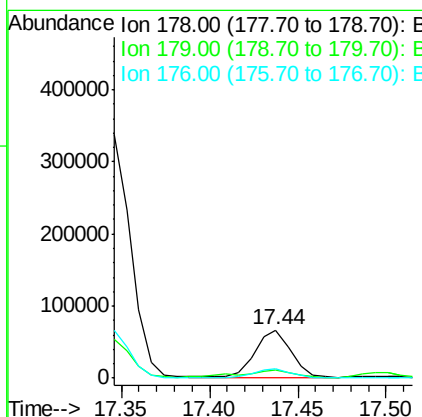
RT: 17.44 min Scan# 2697

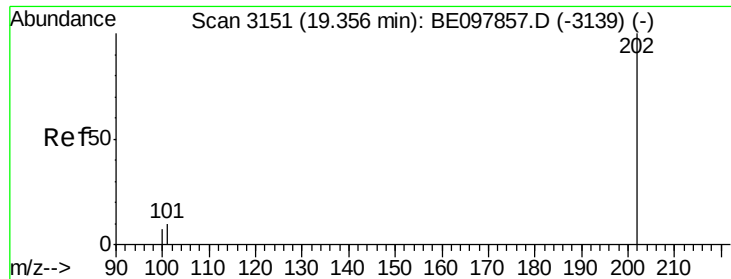
Delta R.T. 0.01 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Tgt Ion:	178	Resp:	92834
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	19.1	15.5	23.3





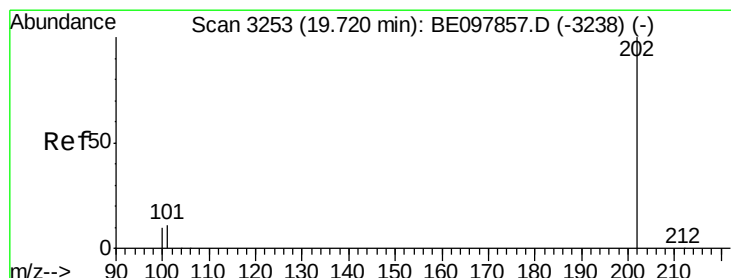
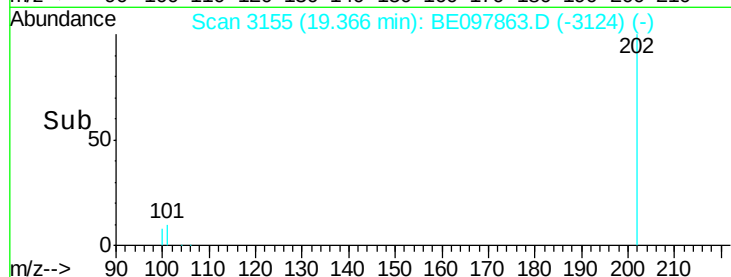
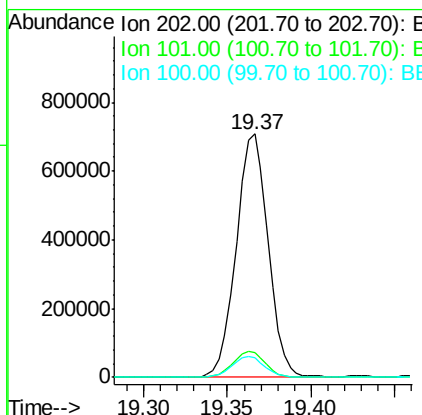
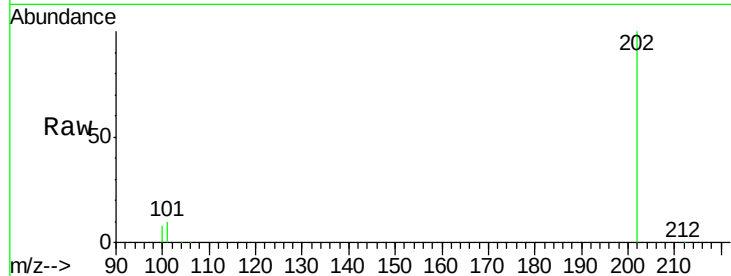
#15
Fluoranthene
 Concen: 12.056 ng/ul
 RT: 19.37 min Scan# 3155
 Delta R.T. 0.01 min
 Lab File: BE097863.D
 Acq: 11 Oct 2018 18:43

Instrument :
 BNA_E
 ClientSampleId :
 JLC22DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	0.0	29.3
100	8.1	0.0	27.5

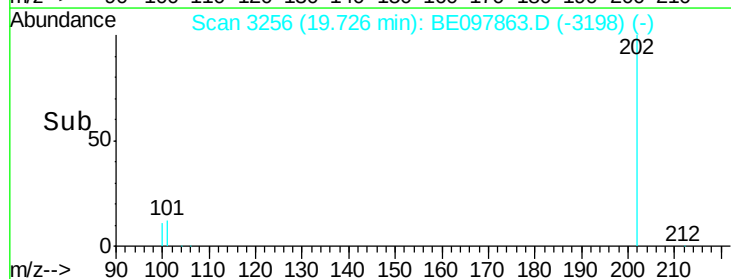
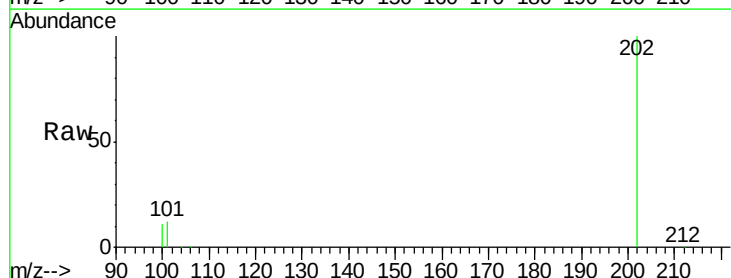
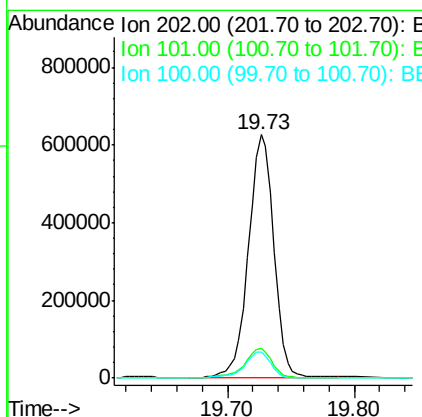
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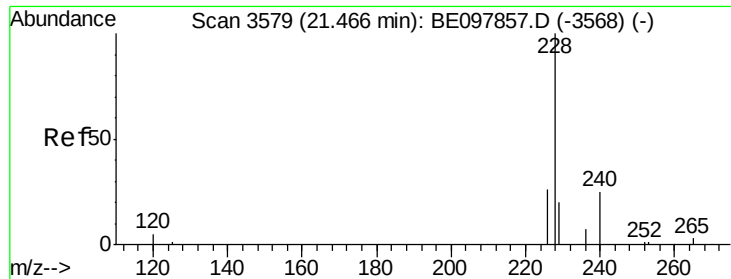
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#17
Pyrene
 Concen: 11.113 ng/ul
 RT: 19.73 min Scan# 3256
 Delta R.T. 0.01 min
 Lab File: BE097863.D
 Acq: 11 Oct 2018 18:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	8.8	13.2
100	10.7	7.9	11.9





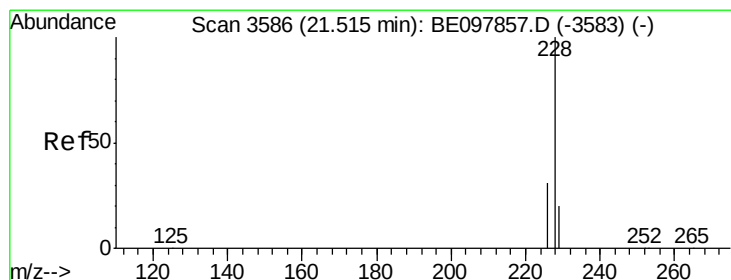
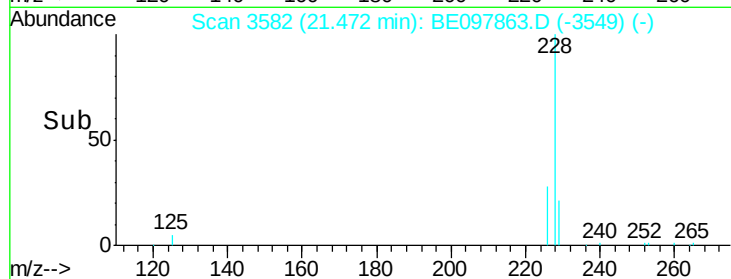
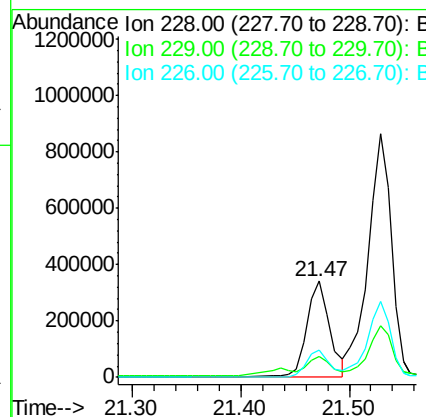
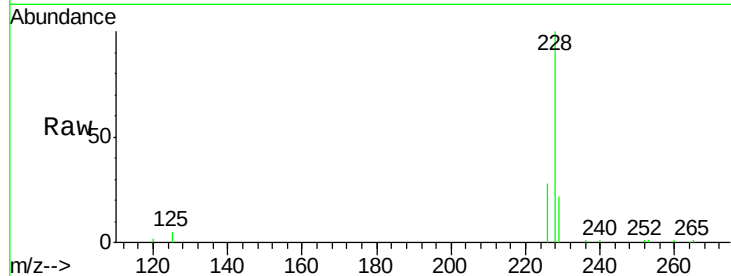
#18
Benzo(a)anthracene
Concen: 6.686 ng/ul
RT: 21.47 min Scan# 3582
Delta R.T. 0.01 min
Lab File: BE097863.D
Acq: 11 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
JLC22DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.4	24.6
226	28.0	21.5	32.3

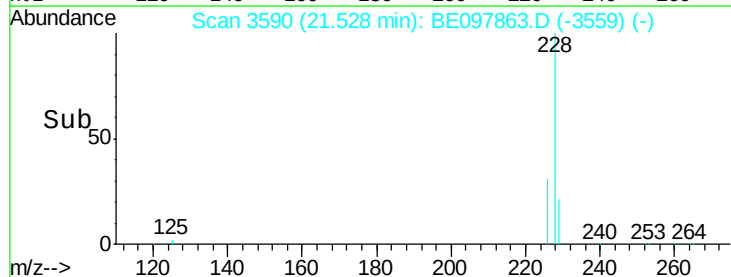
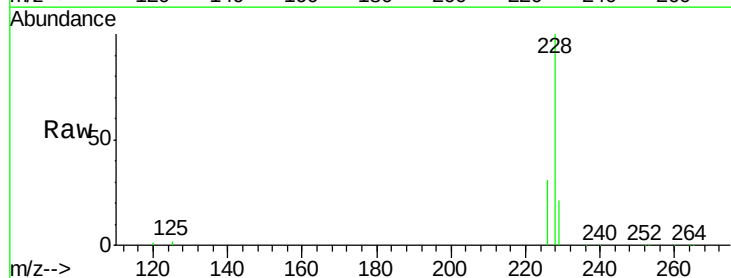
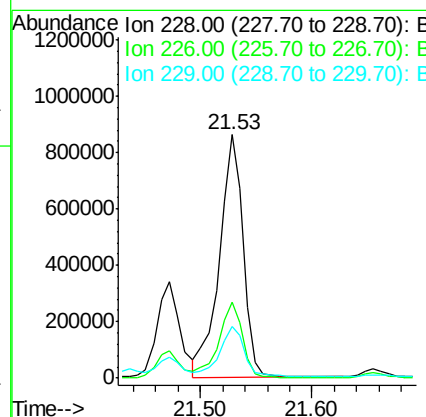
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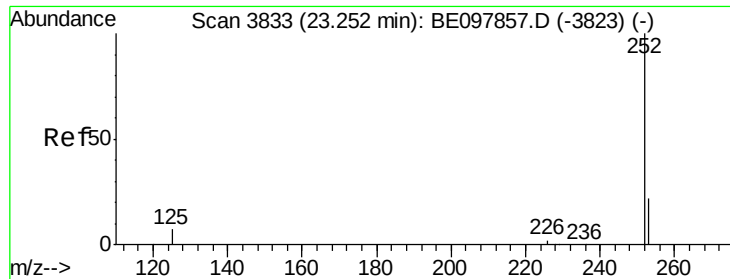
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#19
Chrysene
Concen: 18.047 ng/ul
RT: 21.53 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BE097863.D
Acq: 11 Oct 2018 18:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.4
229	21.5	15.5	23.3





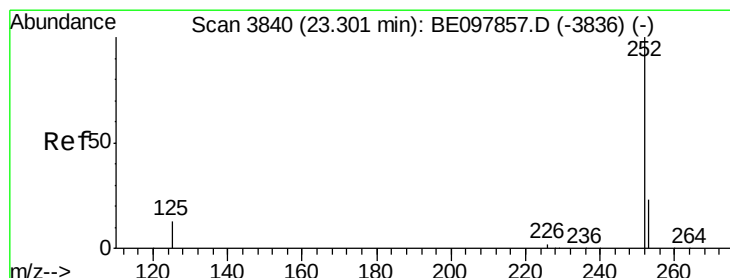
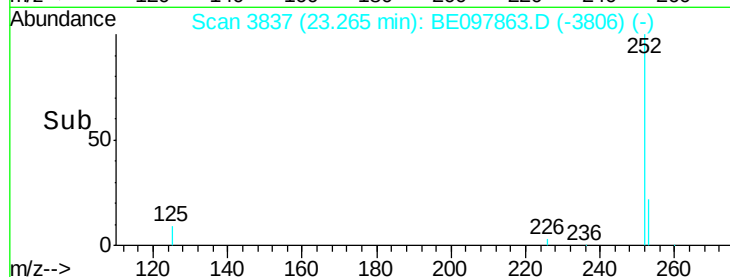
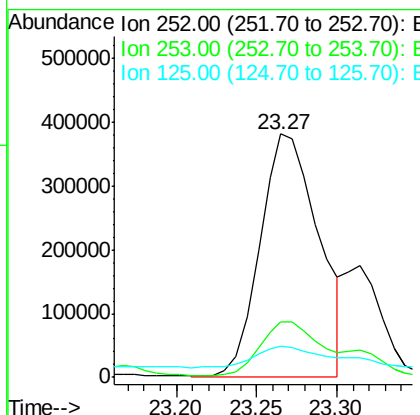
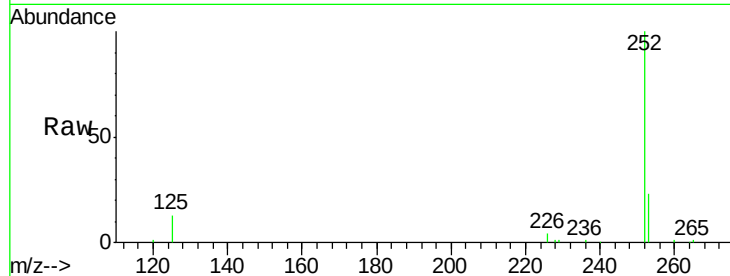
#21
Benzo(b)fluoranthene
Concen: 14.001 ng/ul m
RT: 23.27 min Scan# 3837
Delta R.T. 0.02 min
Lab File: BE097863.D
Acq: 11 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
JLC22DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	0.0	47.0
125	12.8	0.0	18.2

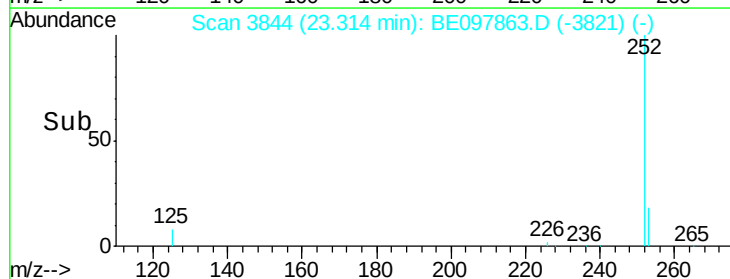
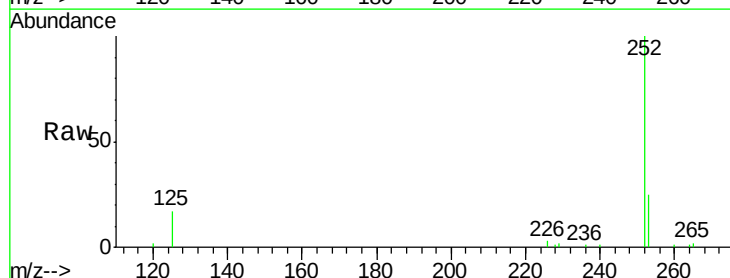
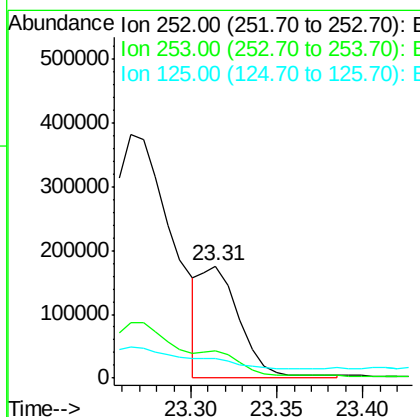
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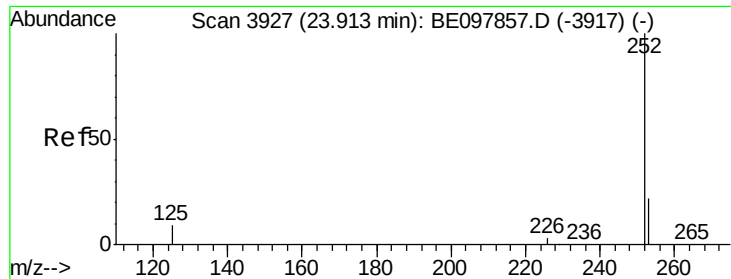
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#22
Benzo(k)fluoranthene
Concen: 3.812 ng/ul m
RT: 23.31 min Scan# 3844
Delta R.T. 0.01 min
Lab File: BE097863.D
Acq: 11 Oct 2018 18:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.8	17.8	26.6
125	17.2	9.4	14.0





#23

Benzo(a)pyrene

Concen: 4.884 ng/ul

RT: 23.93 min Scan# 3932

Delta R.T. 0.02 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Instrument :

BNA_E

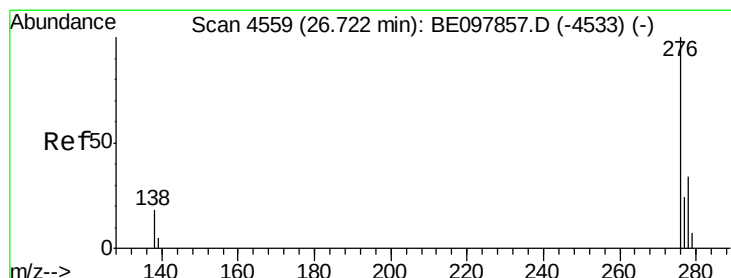
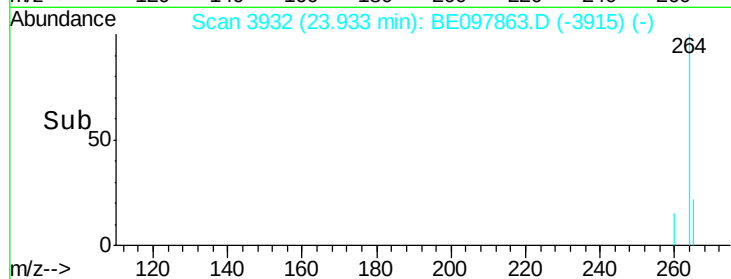
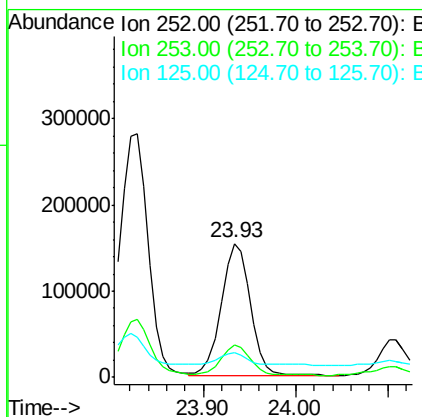
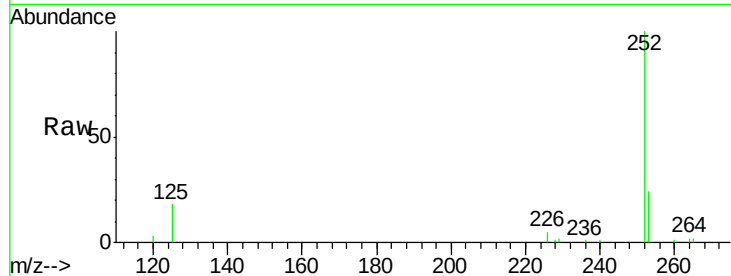
ClientSampled :

JLC22DL

Tgt Ion:	252	Resp:	333708
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.4
125	18.2	8.3	12.5#

Manual Integrations
APPROVED

Sohil
10/12/2018 6:34:53 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 4.124 ng/ul

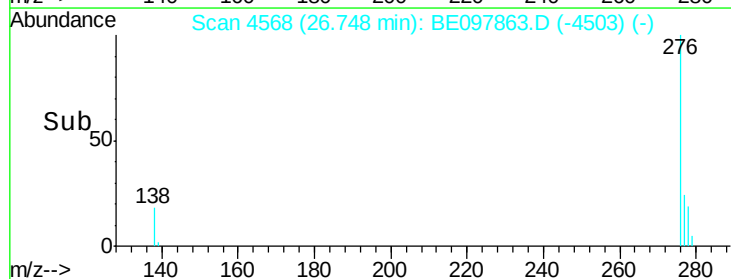
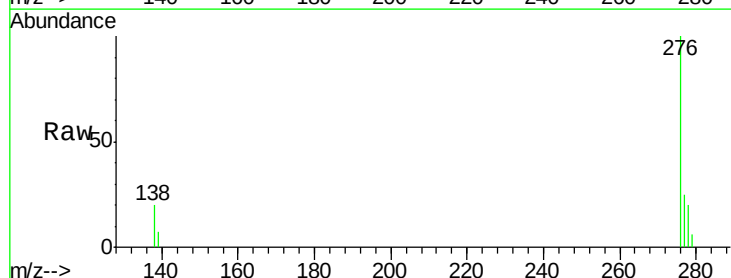
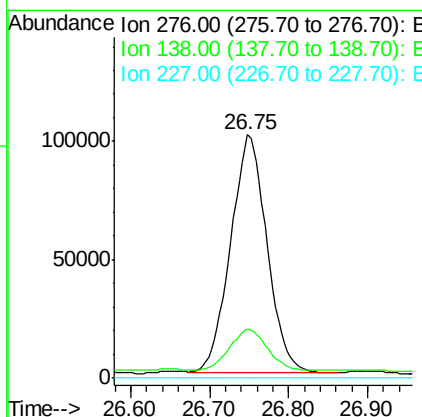
RT: 26.75 min Scan# 4568

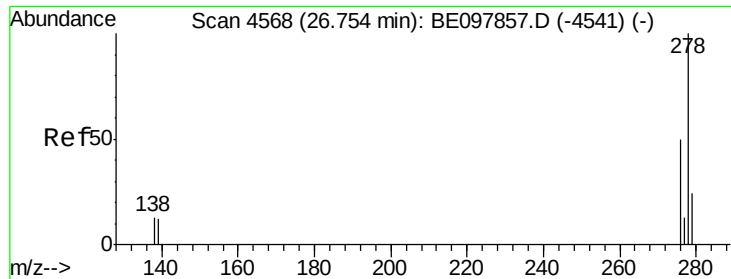
Delta R.T. 0.03 min

Lab File: BE097863.D

Acq: 11 Oct 2018 18:43

Tgt Ion:	276	Resp:	319878
Ion Ratio	Lower	Upper	
276	100		
138	18.1	0.0	0.0#
227	0.0	0.0	0.0





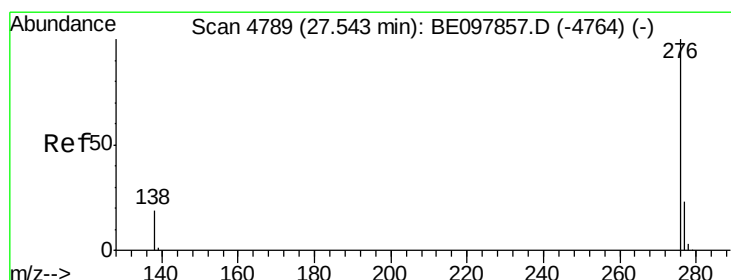
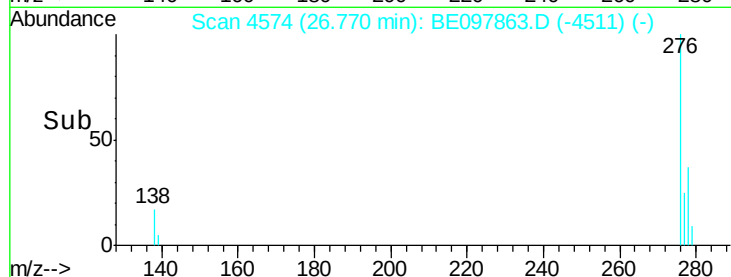
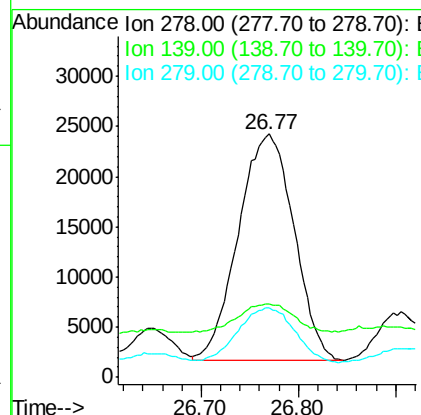
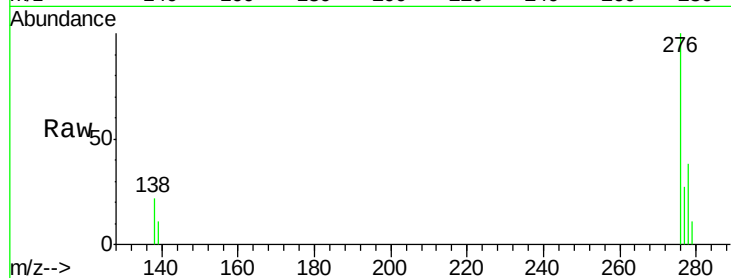
#25
Dibenzo(a,h)anthracene
Concen: 1.400 ng/ul
RT: 26.77 min Scan# 4574
Delta R.T. 0.03 min
Lab File: BE097863.D
Acq: 11 Oct 2018 18:43

Instrument :
BNA_E
ClientSampleId :
JLC22DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.0	10.9	16.3#
279	28.6	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/12/2018 6:34:53 PM



#26
Benzo(g,h,i)perylene
Concen: 5.536 ng/ul
RT: 27.58 min Scan# 4801
Delta R.T. 0.04 min
Lab File: BE097863.D
Acq: 11 Oct 2018 18:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	14.3	21.5
277	24.5	19.5	29.3

