Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097876.D
Acq On : 12 Oct 2018 2:43
Operator : SJ/JU
Sample : J5184-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 12 05:22:12 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 : Fri Oct 12 04:56:57 2018
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : JLC34DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2922	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	15025	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	10432	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	24158	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	23343	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	27641	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2875	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	8070	0.10	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	22483	0.615	ng/ul	98
5) 2-Methylnaphthalene	12.36	142	10144	0.384	ng/ul	98
7) Acenaphthylene	14.27	152	6720	0.170	ng/ul#	88
8) Acenaphthene	14.61	153	24123	0.788	ng/ul	97
9) Fluorene	15.61	166	32018	0.801	ng/ul	98
11) Pentachlorophenol	16.97	266	8600	2.525	ng/ul	98
12) Phenanthrene	17.35	178	928994	16.243	ng/ul	98
13) Anthracene	17.44	178	265823	5.016	ng/ul	99
15) Fluoranthene	19.38	202	2627857	35.778	ng/ul	95
17) Pyrene	19.74	202	2816087	40.496	ng/ul	96
18) Benzo(a)anthracene	21.49	228	2087460	29.576	ng/ul	97
19) Chrysene	21.54	228	2763574	43.580	ng/ul	93
21) Benzo(b)fluoranthene	23.29	252	2974393m	40.263	ng/ul	
22) Benzo(k)fluoranthene	23.34	252	777472m	9.832	ng/ul	
23) Benzo(a)pyrene	23.96	252	1373887	18.942	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.79	276	939294	11.408	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.81	278	275186	4.044	ng/ul#	94
26) Benzo(g,h,i)perylene	27.63	276	841483	11.729	ng/ul	98

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

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ClientSampleId :
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Manual Integrations APPROVED
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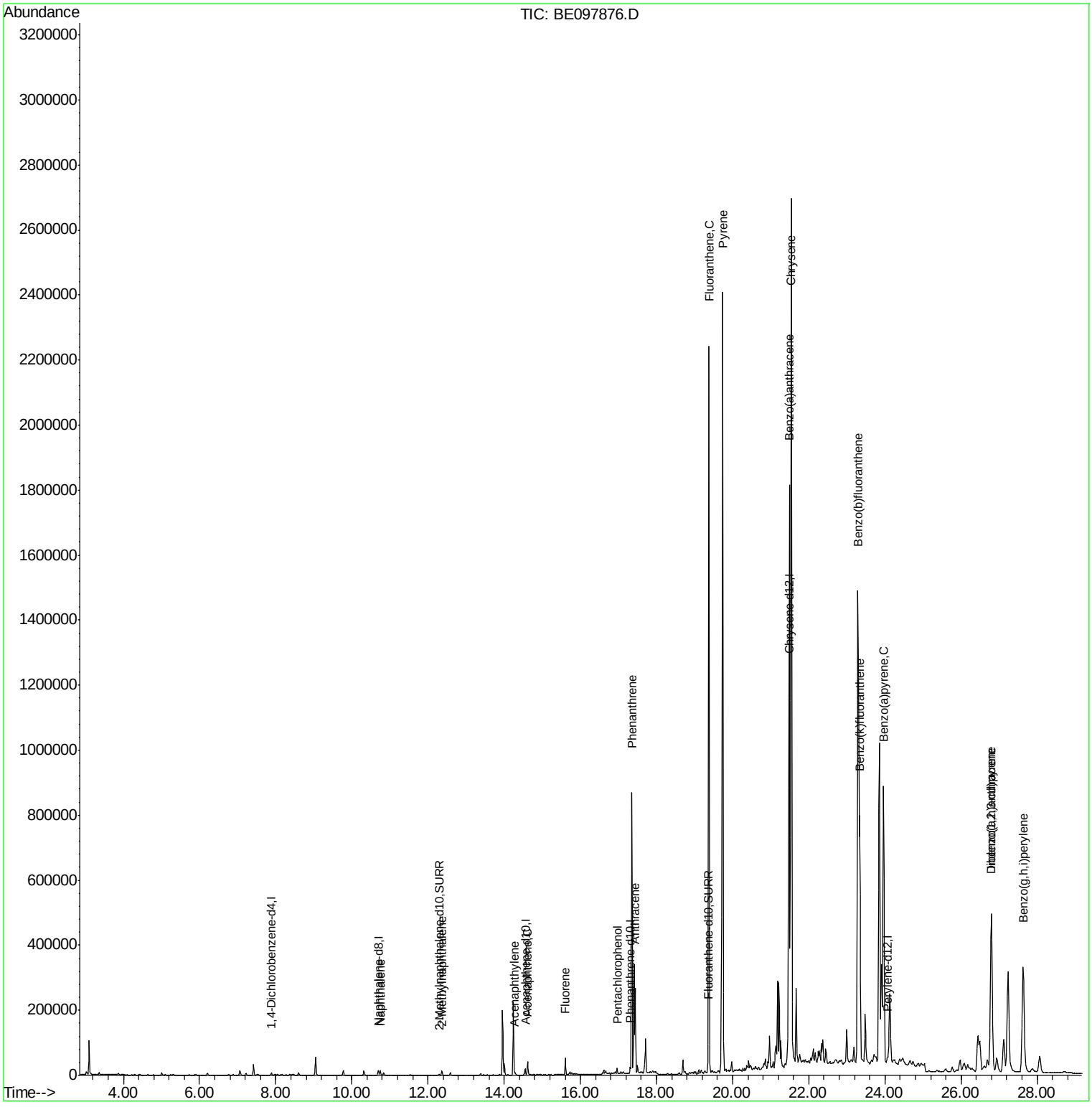
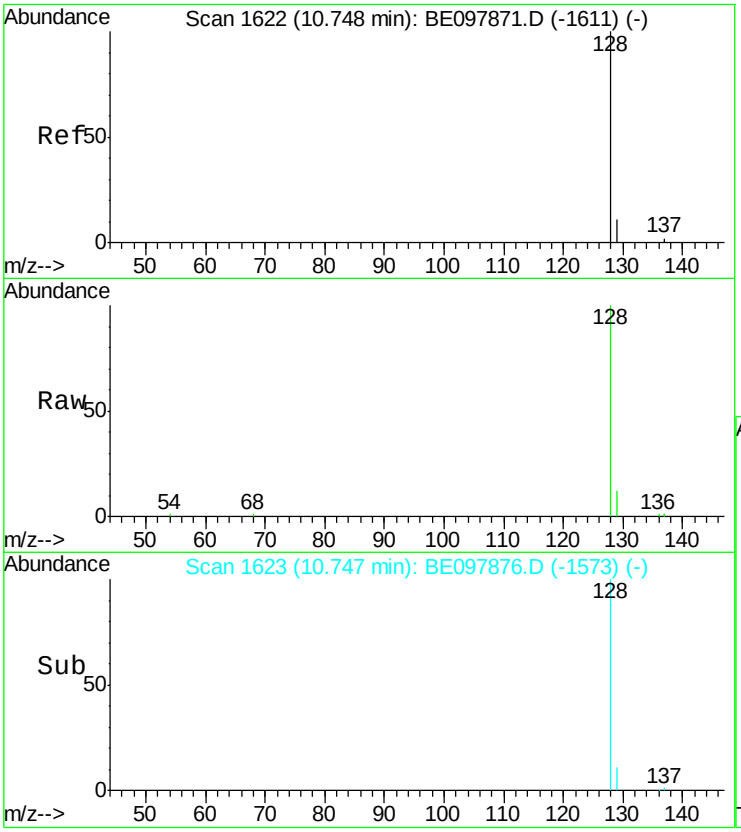
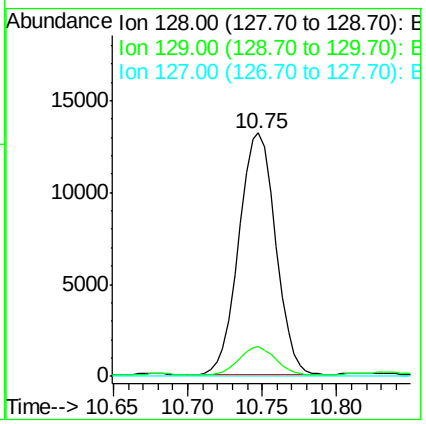




#3
Naphthalene
Concen: 0.615 ng/ul
RT: 10.75 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:128 Resp: 22483

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
JLC34DL

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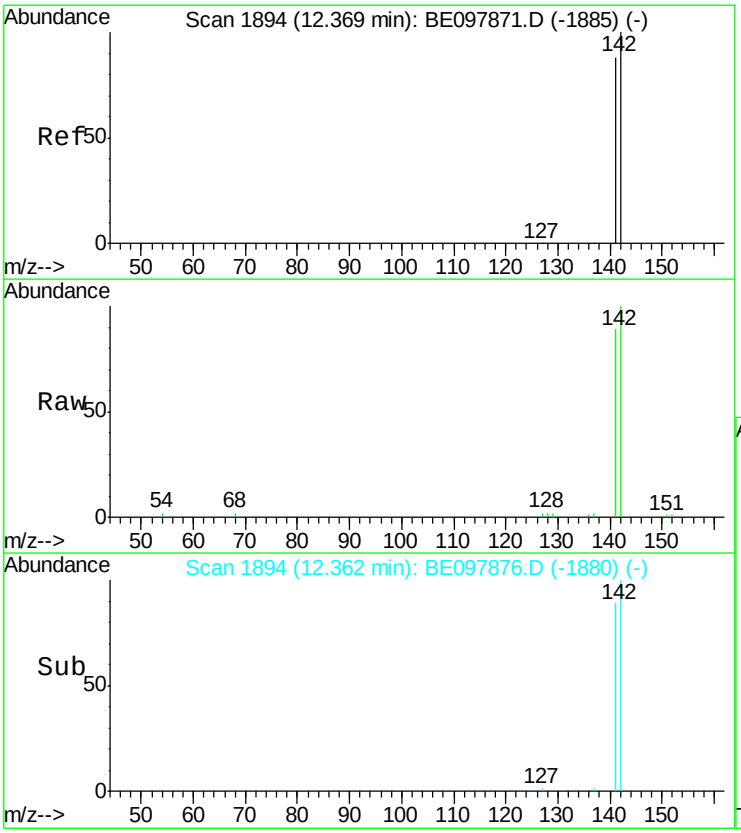
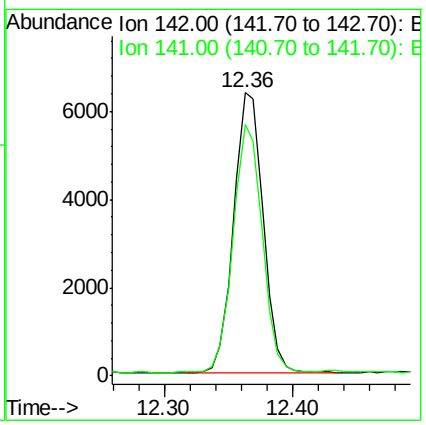
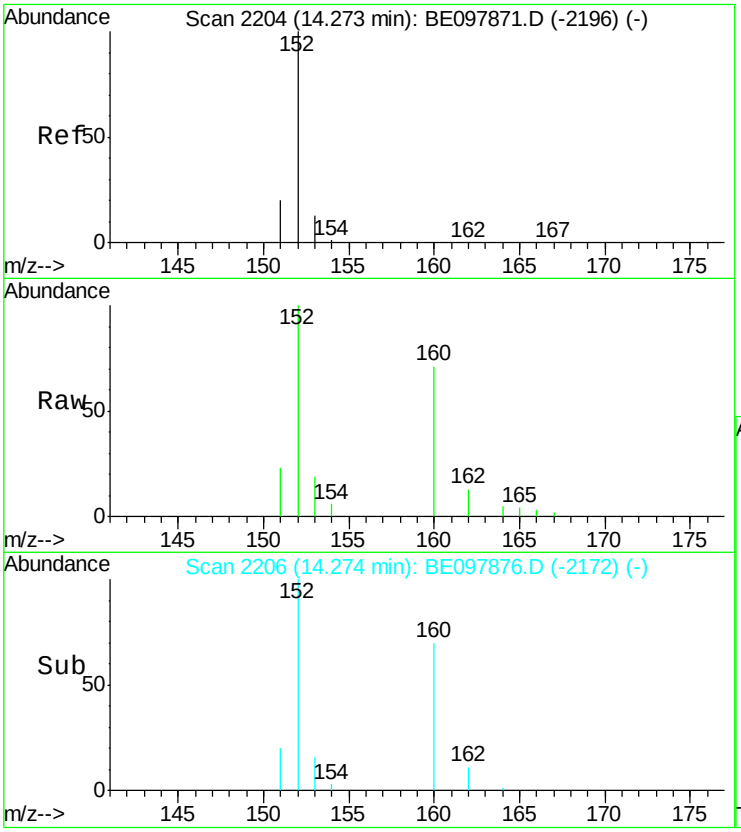


#5
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.36 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:142 Resp: 10144

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.6	107.4





#7
Acenaphthylene
Concen: 0.170 ng/ul
RT: 14.27 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:152 Resp: 6720

Ion	Ratio	Lower	Upper
152	100		
151	23.2	15.0	22.6#
153	18.8	10.5	15.7#

Instrument :
BNA_E
ClientSampleId :
JLC34DL

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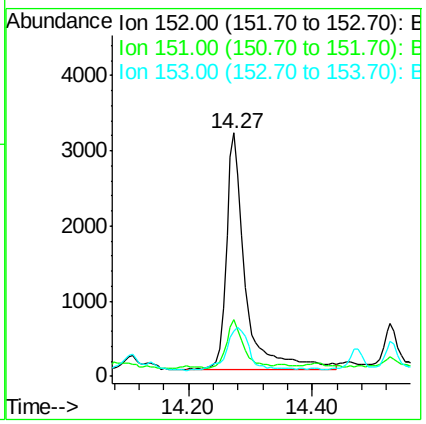
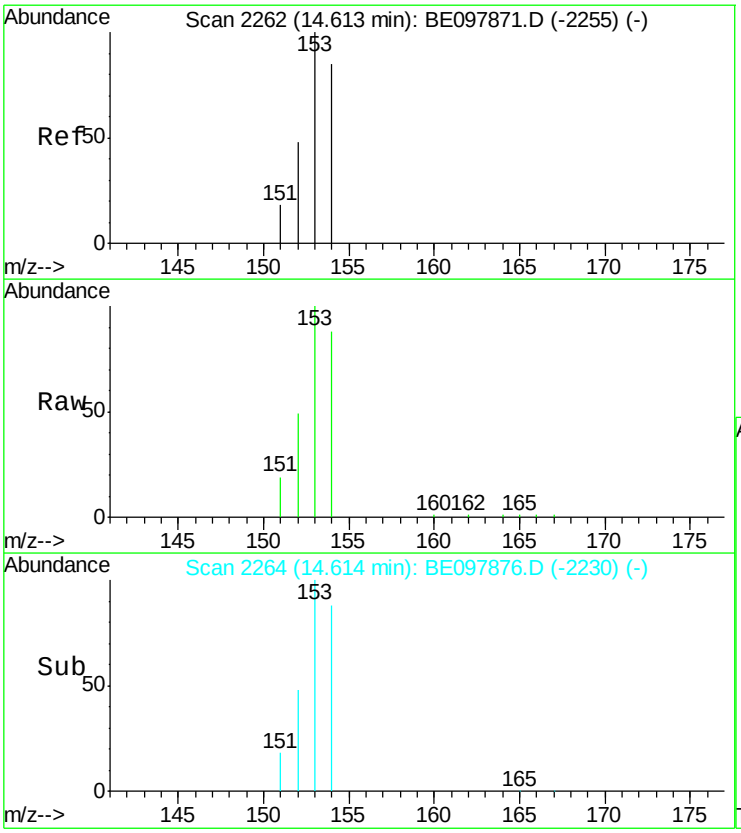
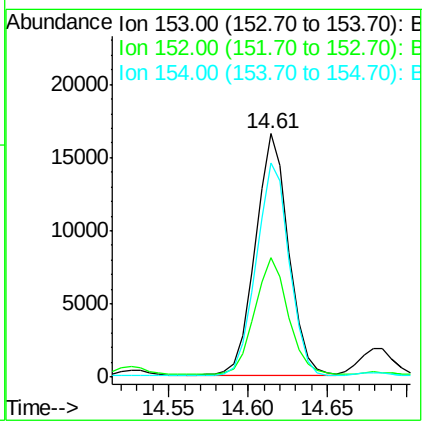


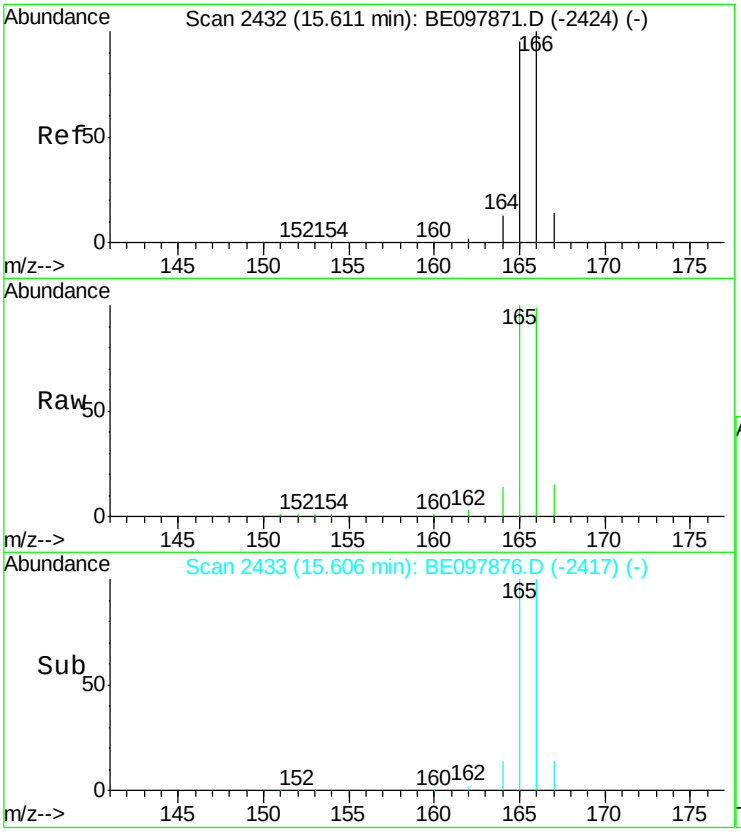


#8
Acenaphthene
Concen: 0.788 ng/ul
RT: 14.61 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:153 Resp: 24123

Ion	Ratio	Lower	Upper
153	100		
152	48.9	41.2	61.8
154	87.9	68.6	103.0

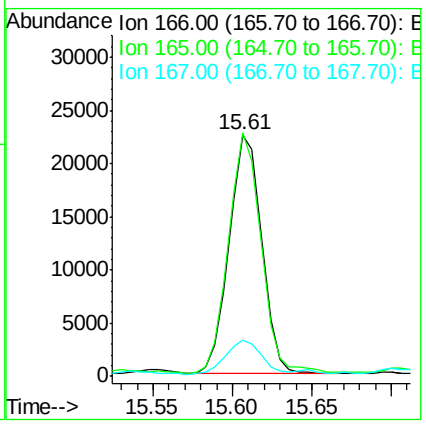




#9
Fluorene
Concen: 0.801 ng/ul
RT: 15.61 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:166 Resp: 32018

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.2	118.8
167	14.9	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
JLC34DL

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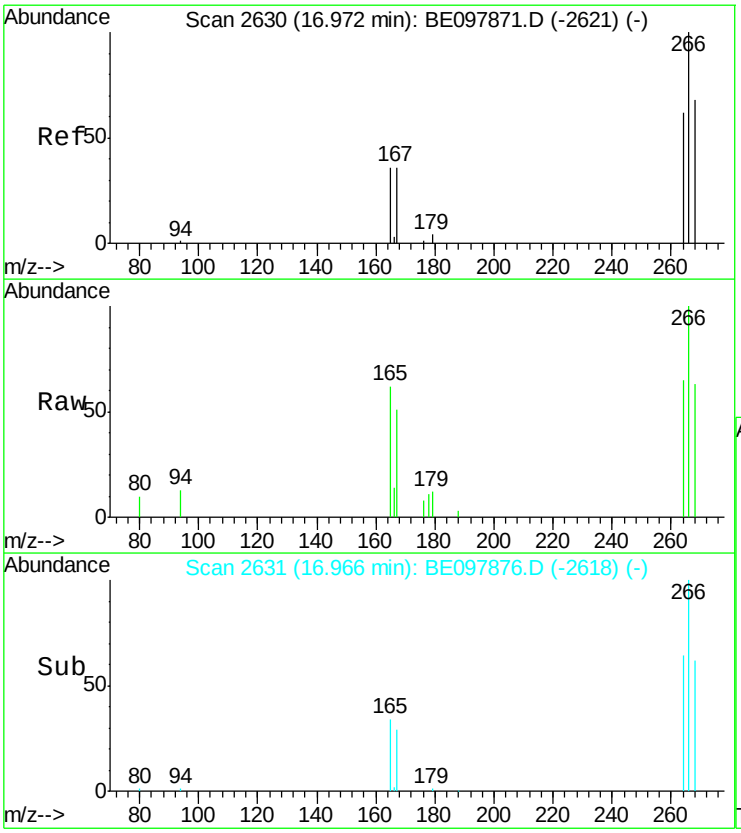
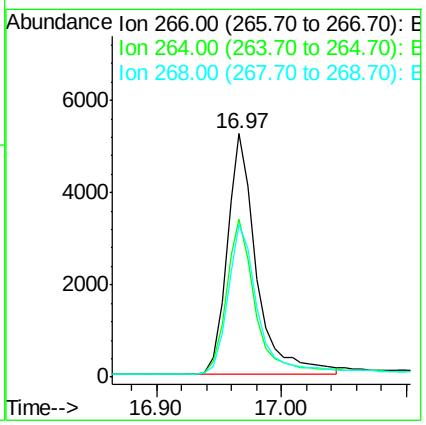
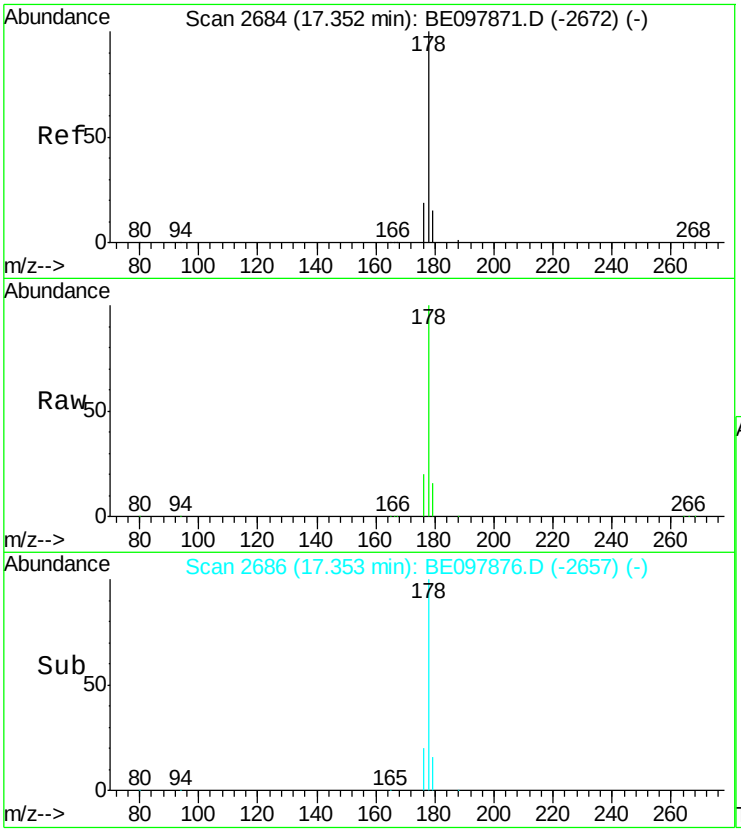


#11
Pentachlorophenol
Concen: 2.525 ng/ul
RT: 16.97 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:266 Resp: 8600

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.8
268	62.8	48.4	72.6

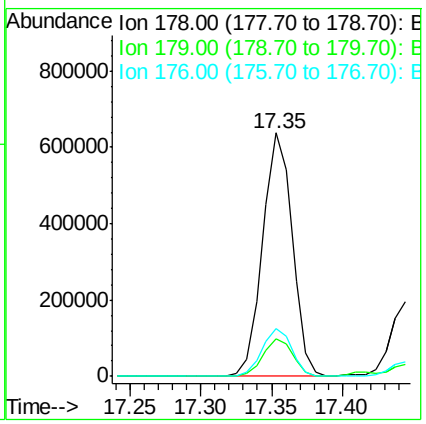




#12
Phenanthrene
Concen: 16.243 ng/ul
RT: 17.35 min Scan# 2686
Delta R.T. 0.00 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:178 Resp: 928994

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.9	14.9	22.3



Instrument :
BNA_E
ClientSampleId :
JLC34DL

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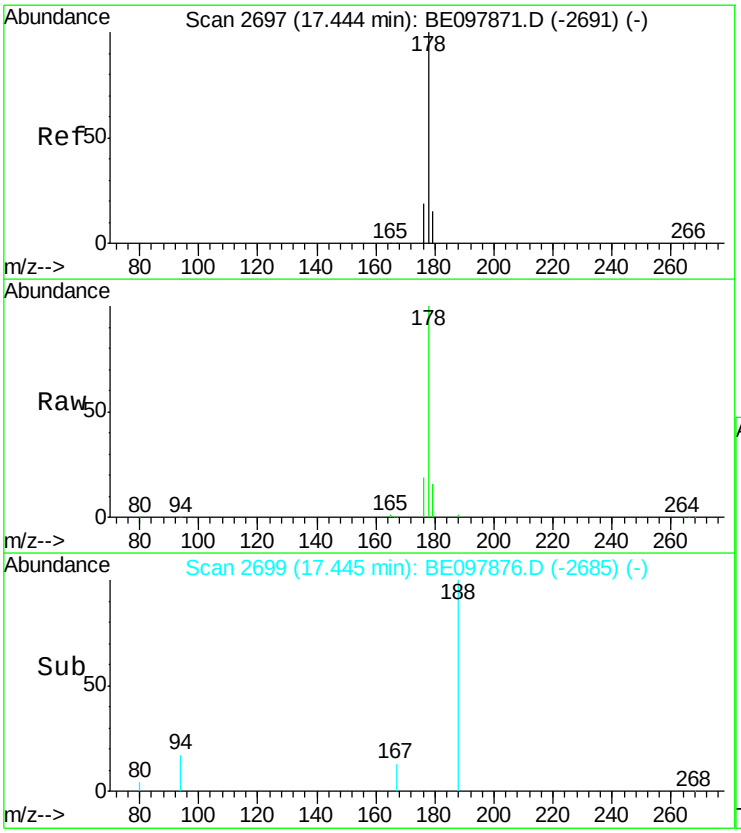
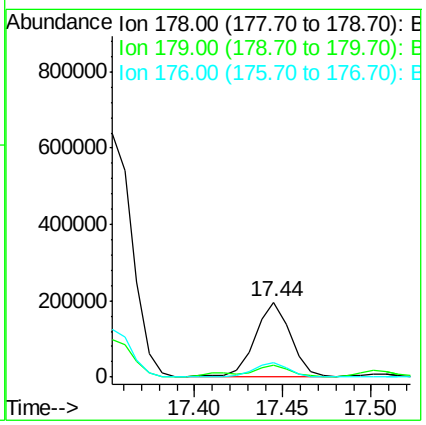
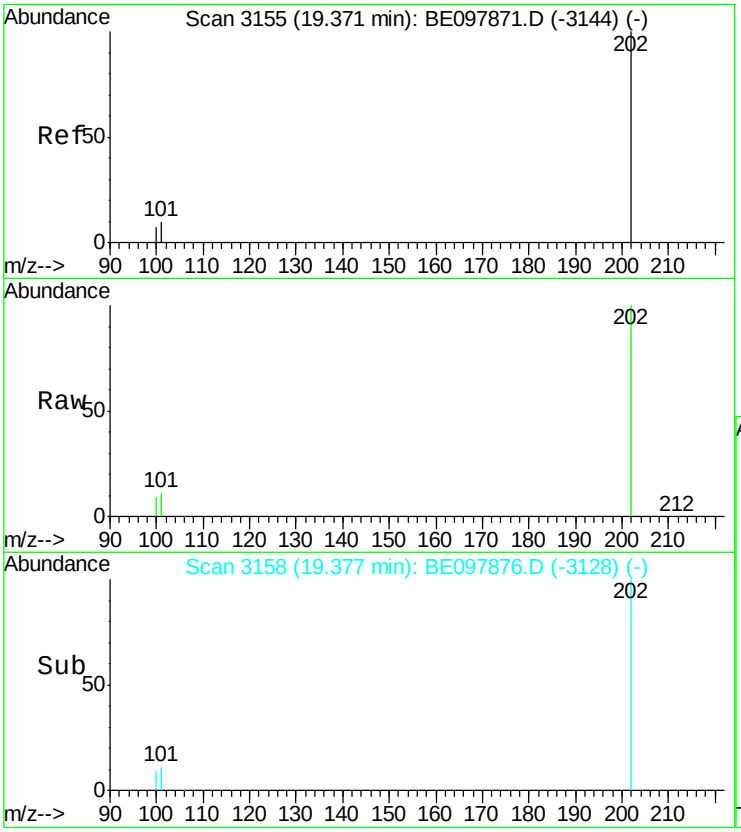


#13
Anthracene
Concen: 5.016 ng/ul
RT: 17.44 min Scan# 2699
Delta R.T. 0.00 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:178 Resp: 265823

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.9	15.5	23.3

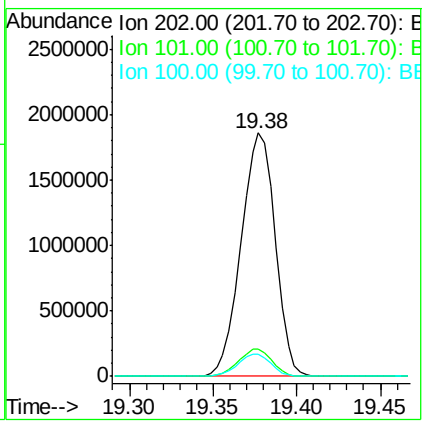




#15
Fluoranthene
Concen: 35.778 ng/ul
RT: 19.38 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:202 Resp: 2627857

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.3
100	9.1	0.0	27.5



Instrument :
BNA_E
ClientSampleId :
JLC34DL

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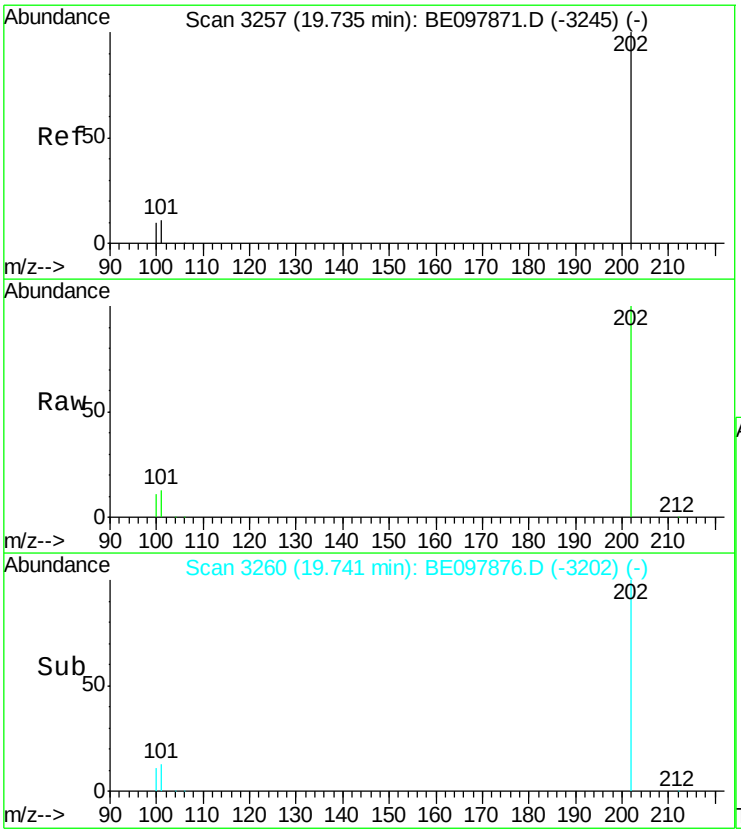
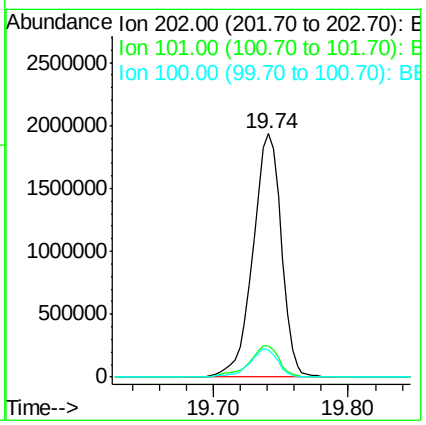
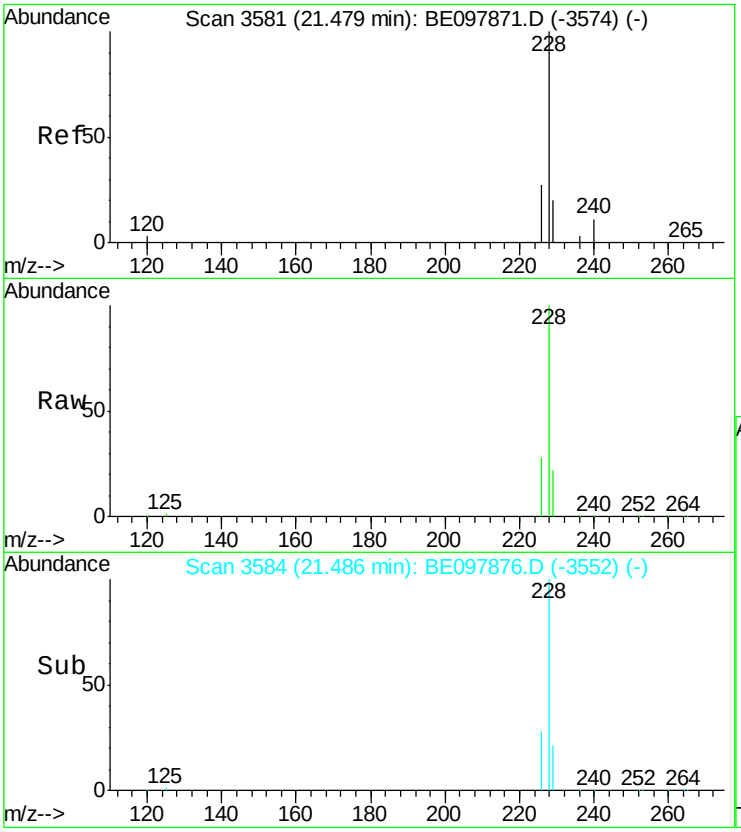


#17
Pyrene
Concen: 40.496 ng/ul
RT: 19.74 min Scan# 3260
Delta R.T. 0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:202 Resp: 2816087

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.8	13.2
100	11.3	7.9	11.9

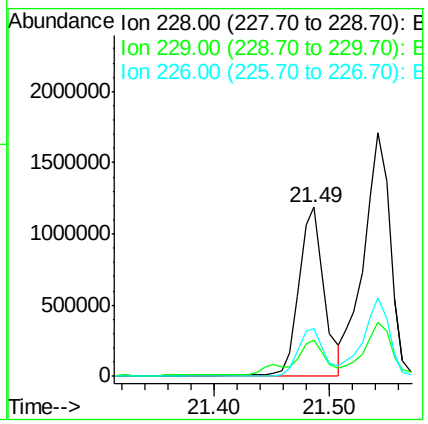




#18
Benzo(a)anthracene
Concen: 29.576 ng/ul
RT: 21.49 min Scan# 3584
Delta R.T. 0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:228 Resp: 2087460

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.4	24.6
226	28.5	21.5	32.3



Instrument :
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ClientSampleId :
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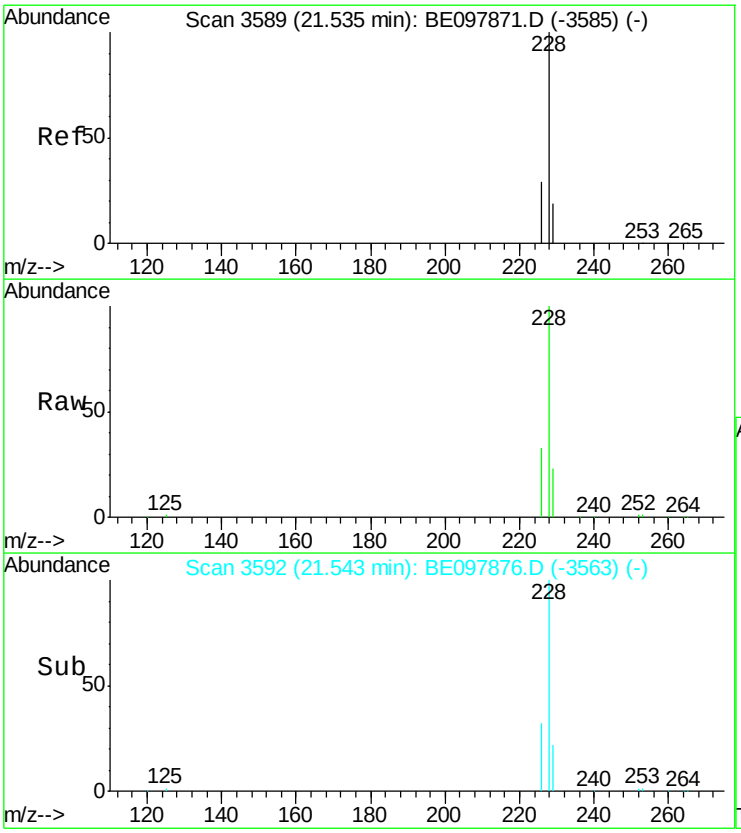
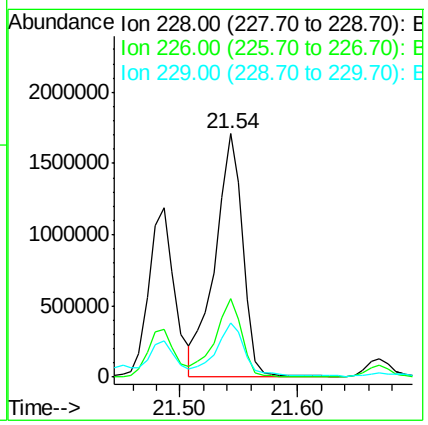
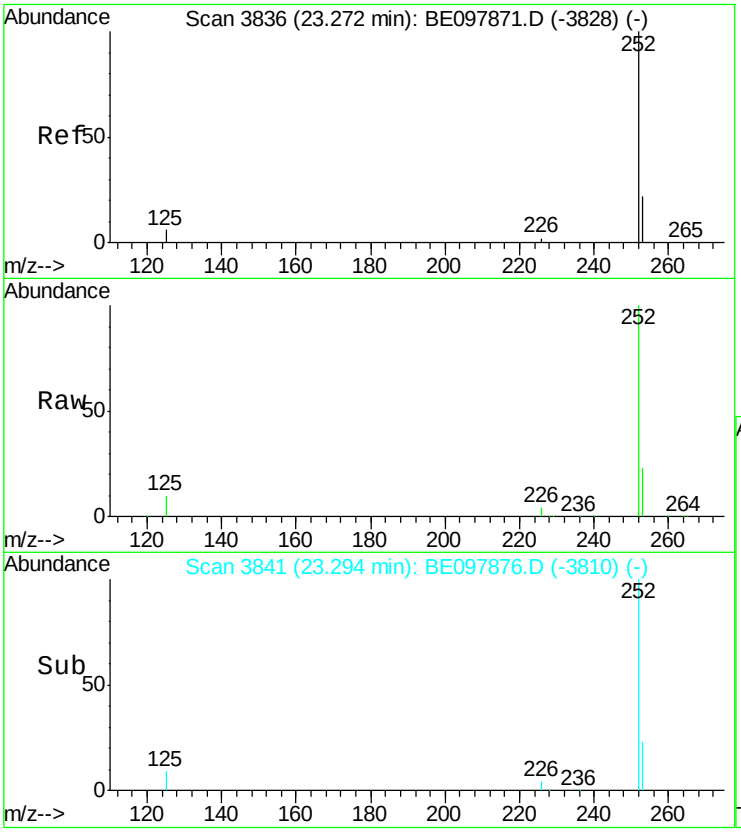


#19
Chrysene
Concen: 43.580 ng/ul
RT: 21.54 min Scan# 3592
Delta R.T. 0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:228 Resp: 2763574

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.0	34.4
229	22.5	15.5	23.3

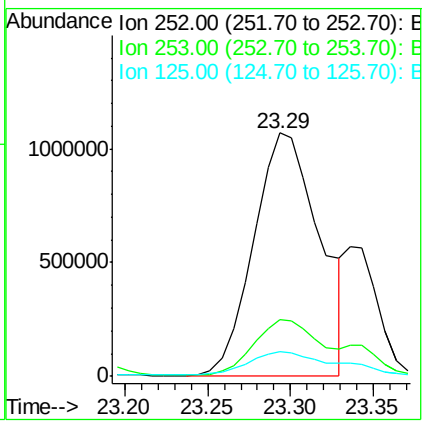




#21
Benzo(b)fluoranthene
Concen: 40.263 ng/ul m
RT: 23.29 min Scan# 3841
Delta R.T. 0.02 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:252 Resp: 2974393

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	47.0
125	10.0	0.0	18.2



Instrument :
BNA_E
ClientSampleId :
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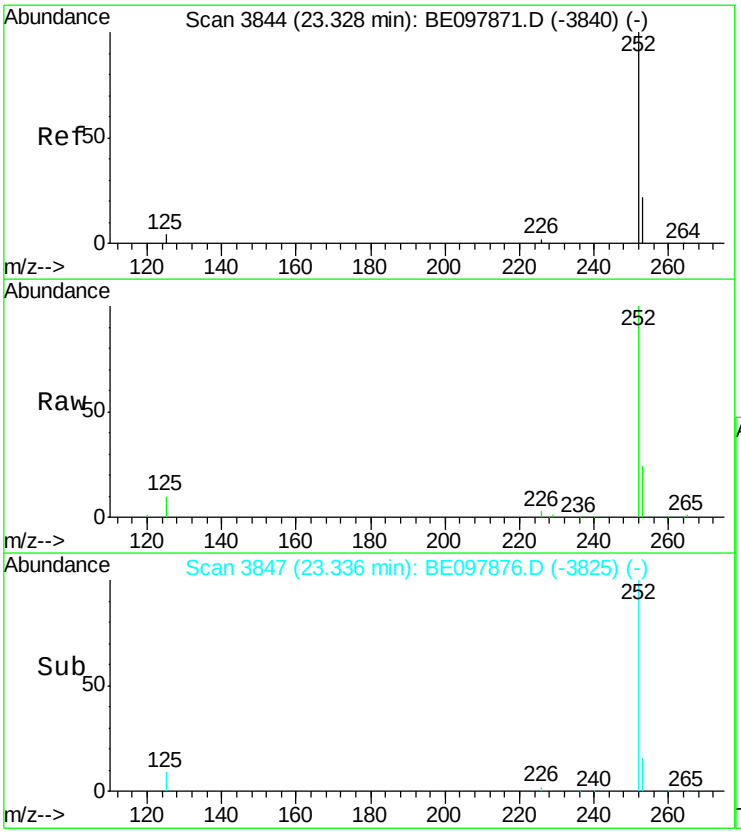
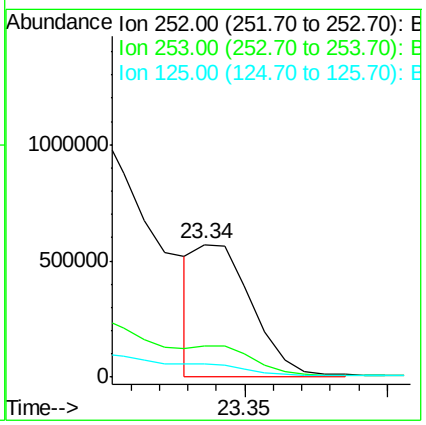
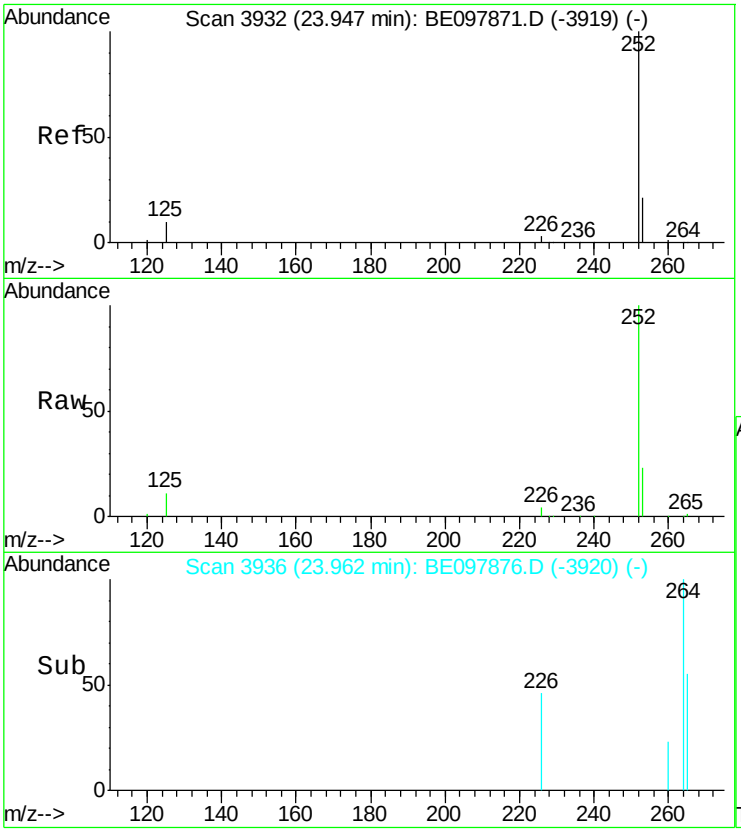


#22
Benzo(k)fluoranthene
Concen: 9.832 ng/ul m
RT: 23.34 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:252 Resp: 777472

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	10.4	9.4	14.0

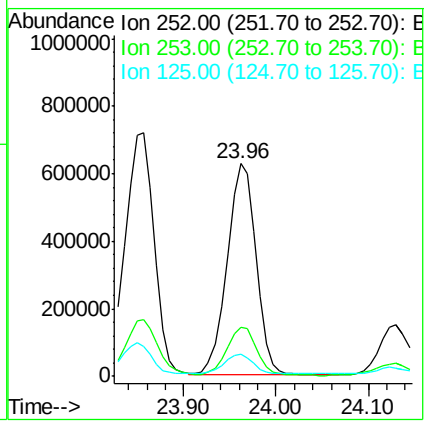




#23
Benzo(a)pyrene
Concen: 18.942 ng/ul
RT: 23.96 min Scan# 3936
Delta R.T. 0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:252 Resp: 1373887

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	10.6	8.3	12.5



Instrument :
BNA_E
ClientSampleId :
JLC34DL

Manual Integrations APPROVED
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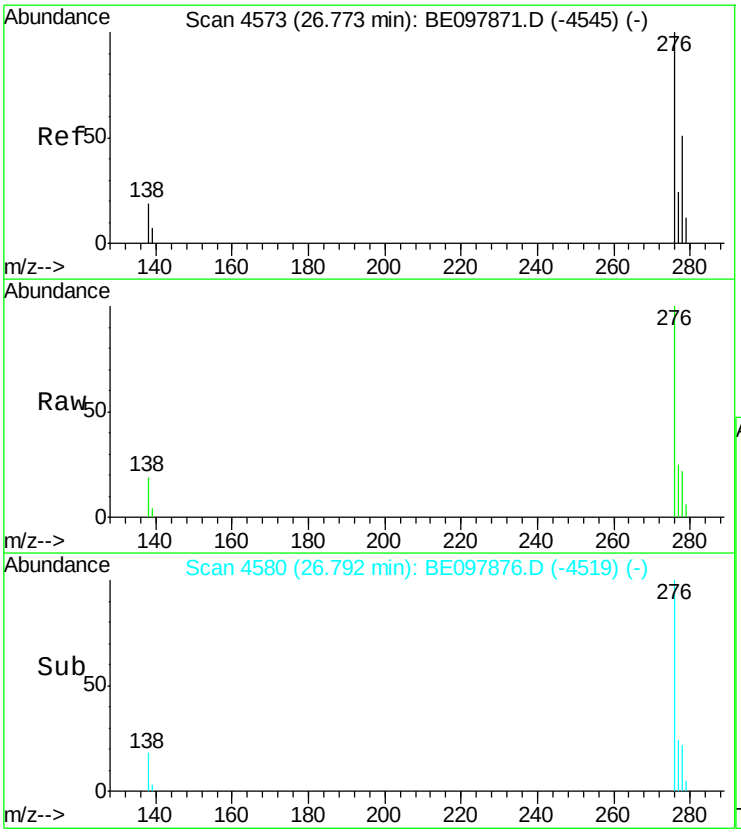
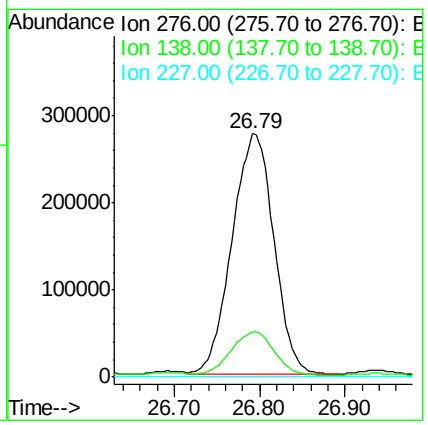
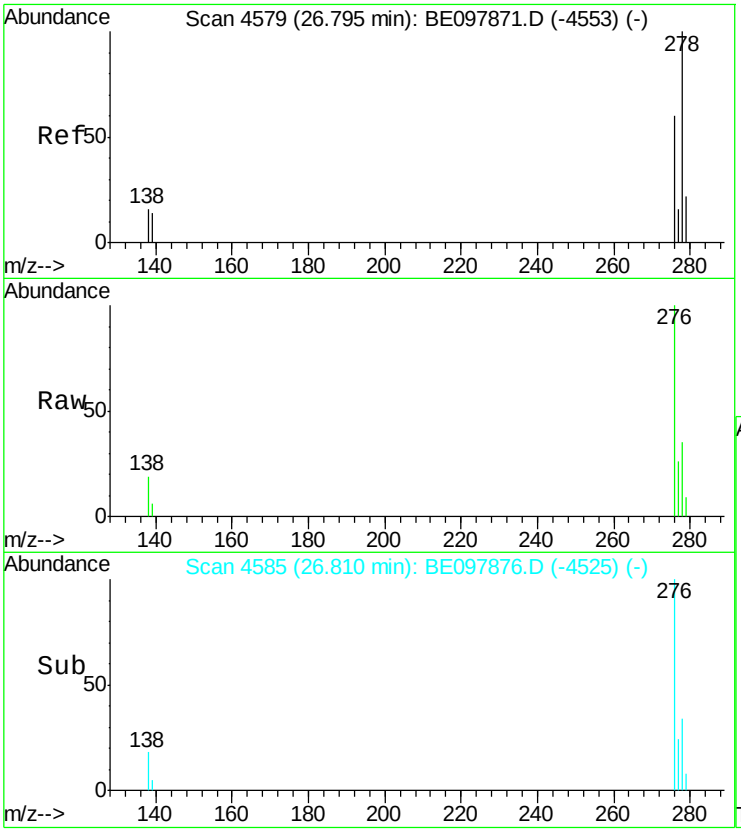


#24
Indeno(1,2,3-cd)pyrene
Concen: 11.408 ng/ul
RT: 26.79 min Scan# 4580
Delta R.T. 0.02 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:276 Resp: 939294

Ion	Ratio	Lower	Upper
276	100		
138	18.5	0.0	0.0#
227	0.0	0.0	0.0





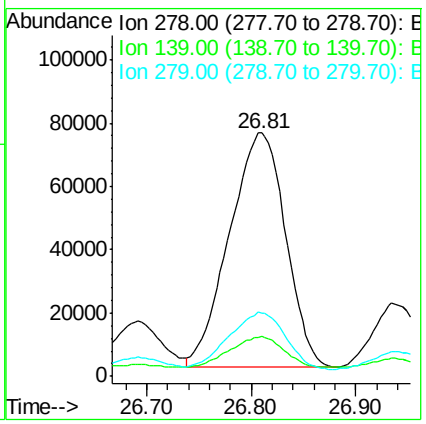
#25
Dibenzo(a,h)anthracene
Concen: 4.044 ng/ul
RT: 26.81 min Scan# 4585
Delta R.T. 0.01 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

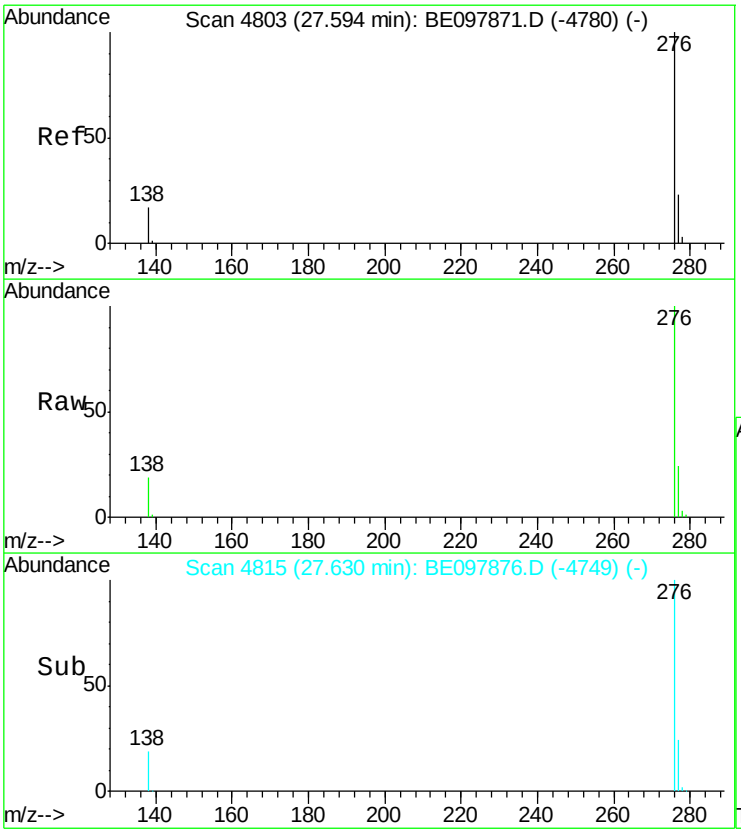
Tgt Ion:278 Resp: 275186

Ion	Ratio	Lower	Upper
278	100		
139	16.4	10.9	16.3#
279	26.0	18.8	28.2

Instrument :
BNA_E
ClientSampleId :
JLC34DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:35:05 PM





#26
Benzo(g,h,i)perylene
Concen: 11.729 ng/ul
RT: 27.63 min Scan# 4815
Delta R.T. 0.04 min
Lab File: BE097876.D
Acq: 12 Oct 2018 2:43

Tgt Ion:276 Resp: 841483

Ion	Ratio	Lower	Upper
276	100		
138	19.3	14.3	21.5
277	24.2	19.5	29.3