

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
 Data File : BE098090.D
 Acq On : 26 Oct 2018 16:02
 Operator : SJ/JU
 Sample : J5598-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE8DL

Manual Integrations
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 10/29/2018 3:09:23 PM

Quant Time: Oct 27 00:25:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 23:15:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1003	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	5059	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	3529	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.30	188	8362	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	11351	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	9856	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	372	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.32	212	1095	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	1347	0.111	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	278	0.030	ng/ul	95
7) Acenaphthylene	14.27	152	1084	0.078	ng/ul#	89
8) Acenaphthene	14.61	153	358	0.034	ng/ul#	88
12) Phenanthrene	17.34	178	3274	0.170	ng/ul	95
13) Anthracene	17.43	178	1786	0.094	ng/ul#	86
15) Fluoranthene	19.36	202	26831	1.090	ng/ul	99
17) Pyrene	19.72	202	32477	1.225	ng/ul	99
18) Benzo(a)anthracene	21.46	228	23213	0.696	ng/ul	97
19) Chrysene	21.52	228	19875	0.770	ng/ul	98
21) Benzo(b)fluoranthene	23.25	252	44136m	1.616	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	14753m	0.552	ng/ul	
23) Benzo(a)pyrene	23.91	252	18212	0.693	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.72	276	14800	0.492	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.74	278	4067	0.162	ng/ul#	86
26) Benzo(g,h,i)perylene	27.55	276	10363	0.409	ng/ul	96

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

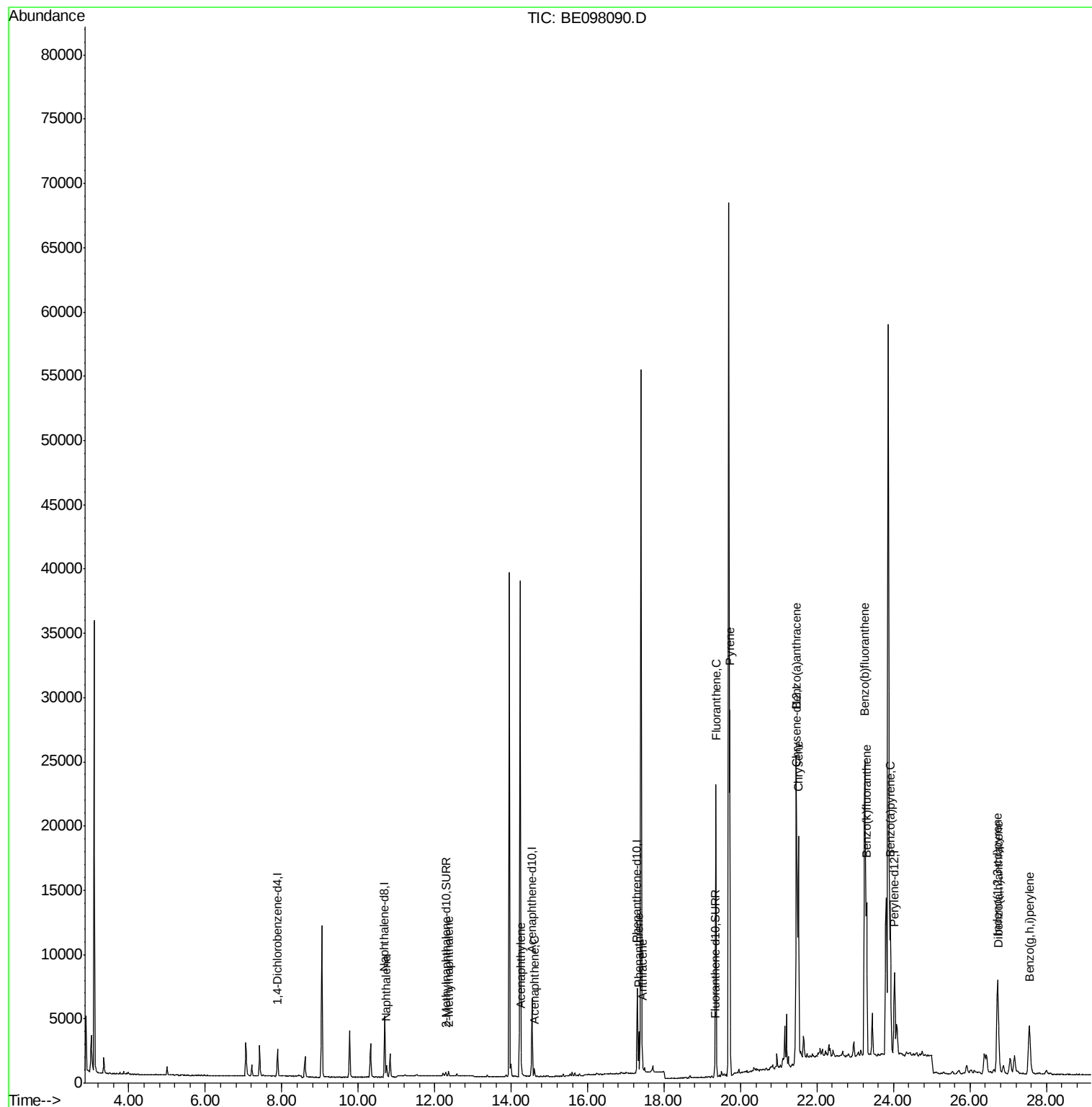
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098090.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

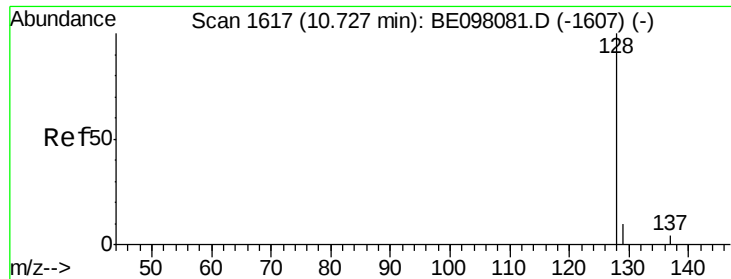
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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QLast Update : Fri Oct 26 23:15:36 2018
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#3

Naphthalene

Concen: 0.111 ng/ul

RT: 10.74 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Instrument :

BNA_E

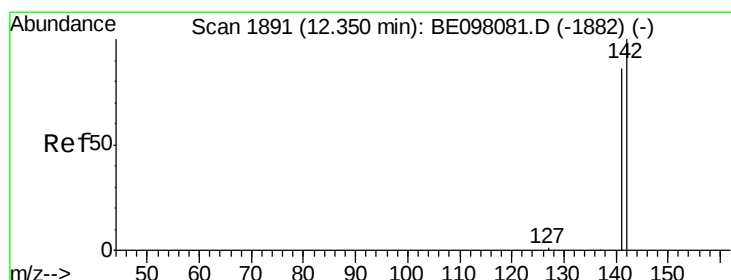
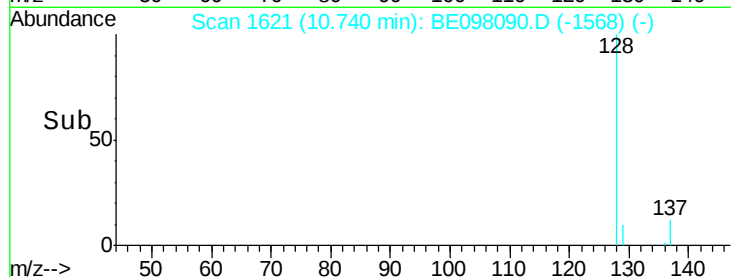
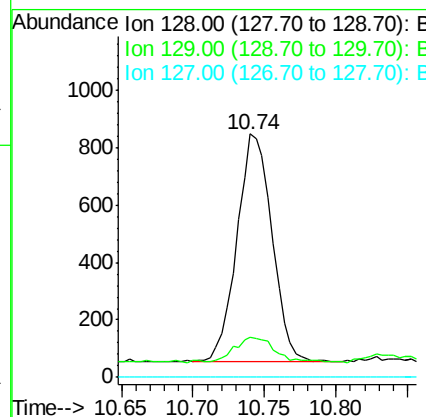
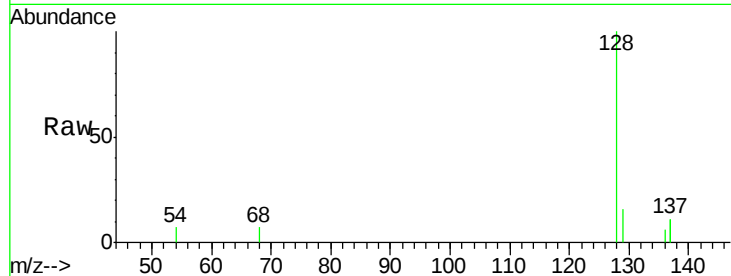
ClientSampleId :

C0AE8DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.4	10.5	15.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

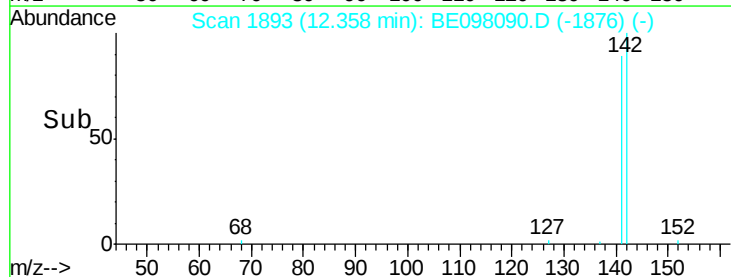
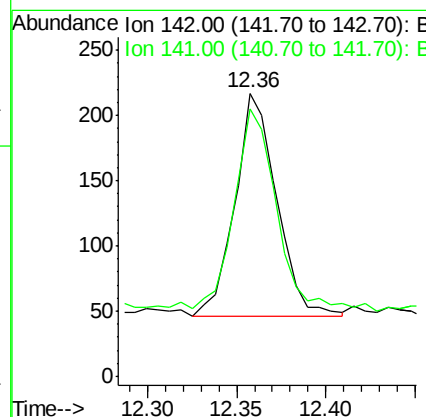
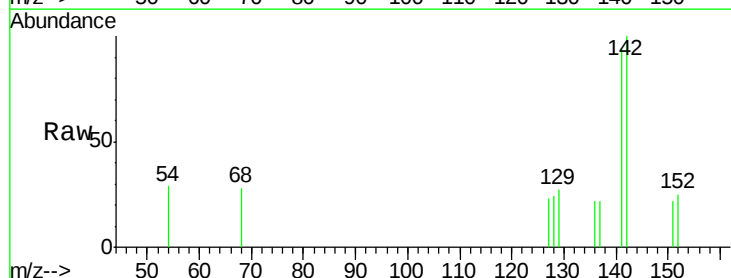
RT: 12.36 min Scan# 1893

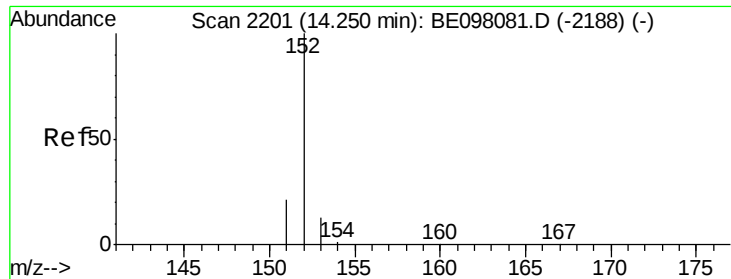
Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.5	108.7





#7

Acenaphthylene

Concen: 0.078 ng/u1

RT: 14.27 min Scan# 2204

Delta R.T. 0.02 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Instrument :

BNA_E

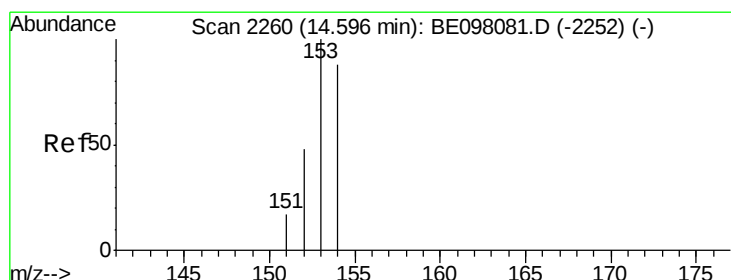
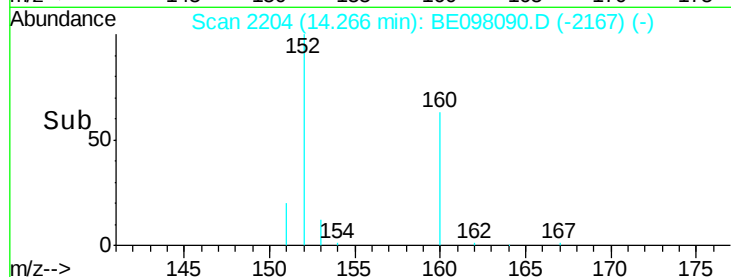
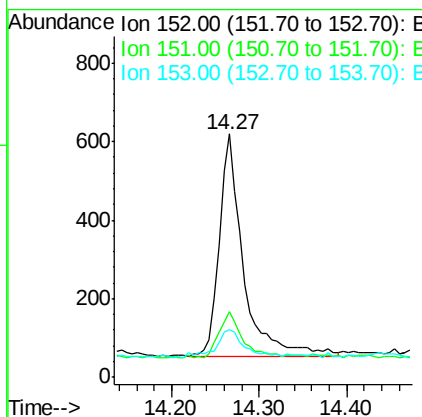
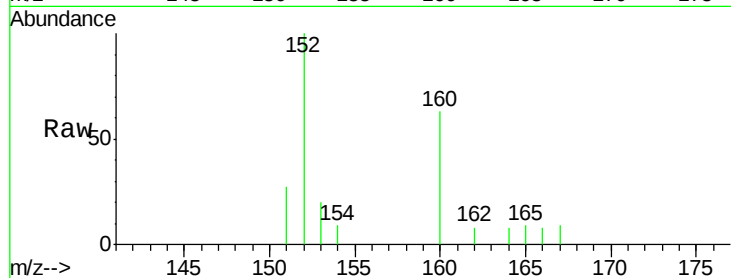
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.8	17.3	25.9#
153	19.5	11.9	17.9#

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#8

Acenaphthene

Concen: 0.034 ng/u1

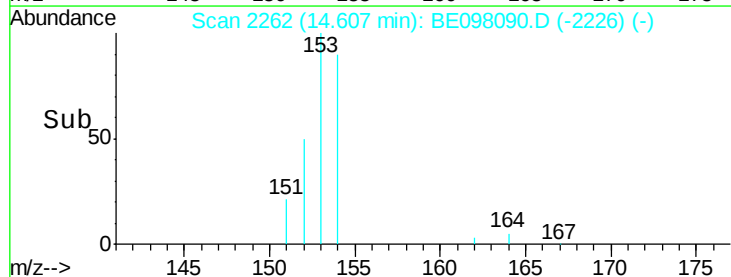
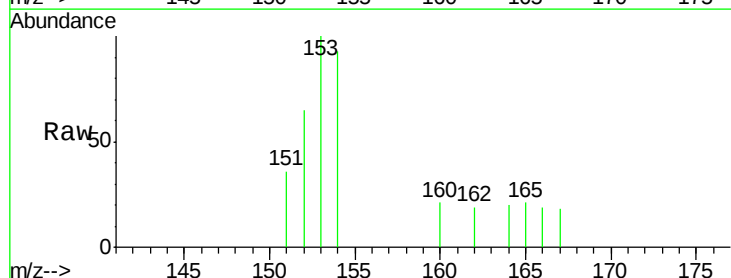
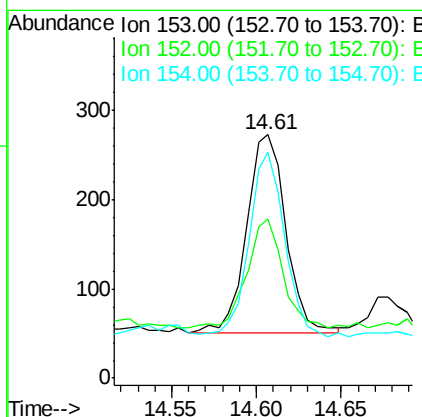
RT: 14.61 min Scan# 2262

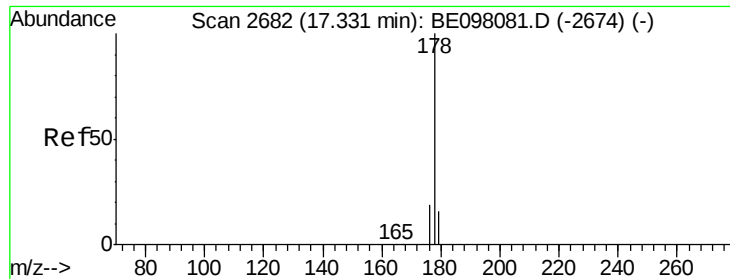
Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	65.2	39.4	59.0#
154	92.7	70.5	105.7





#12

Phenanthrene

Concen: 0.170 ng/ul

RT: 17.34 min Scan# 2683

Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Instrument :

BNA_E

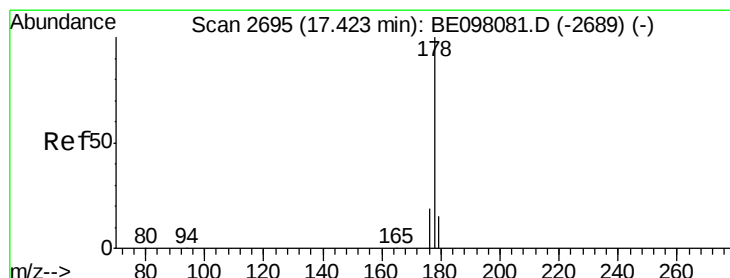
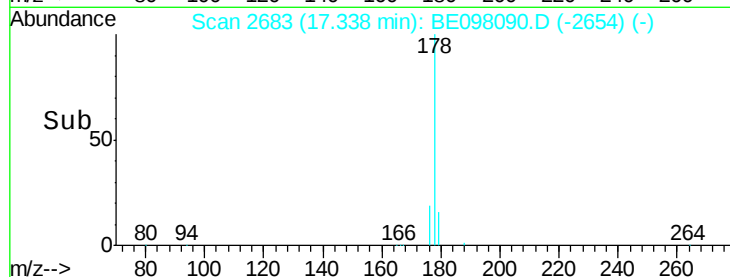
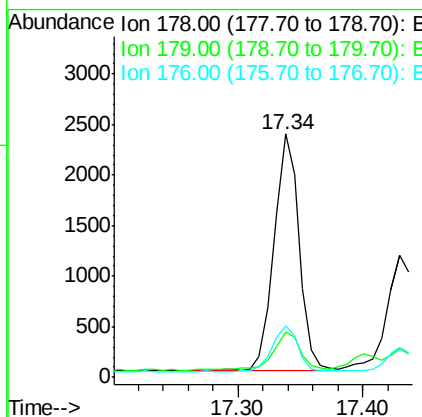
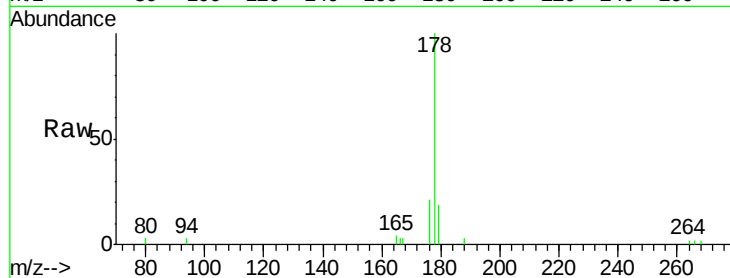
ClientSampleId :

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Tgt Ion:	178	Resp:	3274
Ion Ratio	Lower	Upper	
178	100		
179	18.8	13.0	19.4
176	21.3	15.7	23.5

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#13

Anthracene

Concen: 0.094 ng/ul

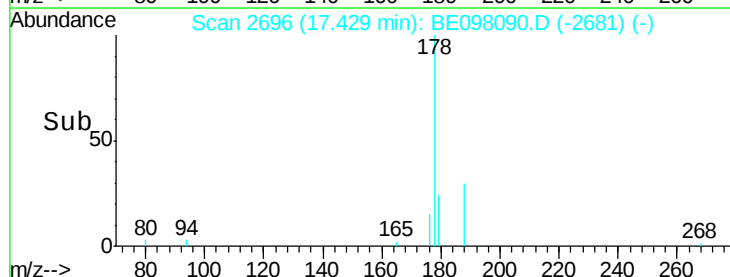
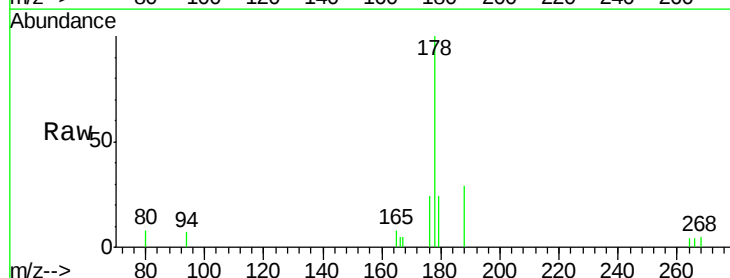
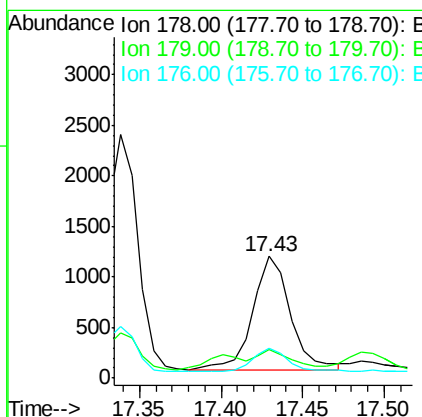
RT: 17.43 min Scan# 2696

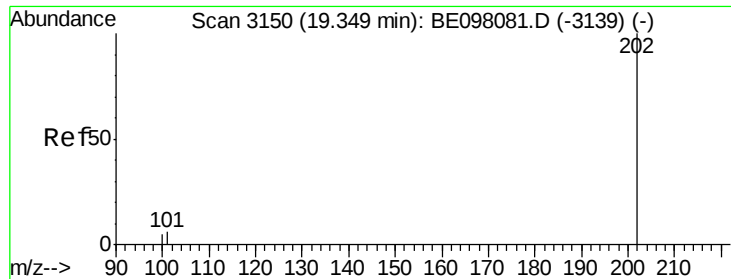
Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Tgt Ion:	178	Resp:	1786
Ion Ratio	Lower	Upper	
178	100		
179	24.0	12.6	19.0#
176	24.1	15.6	23.4#





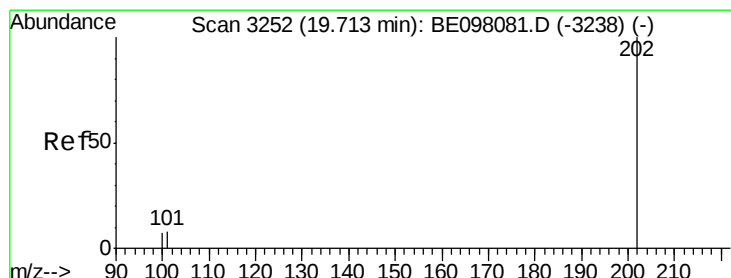
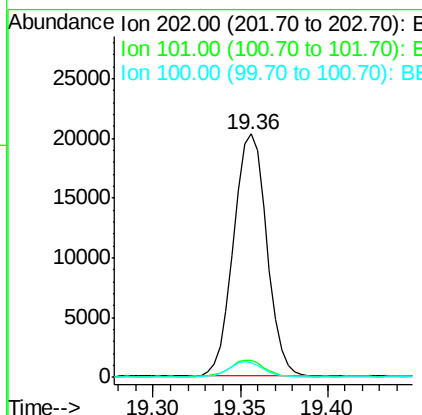
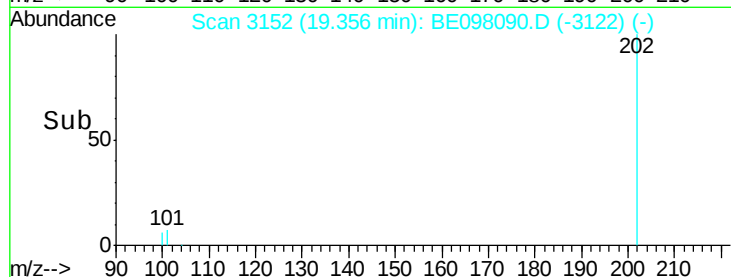
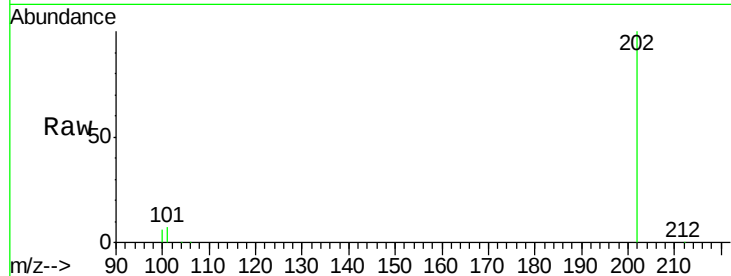
#15
Fluoranthene
 Concen: 1.090 ng/ul
 RT: 19.36 min Scan# 3152
 Delta R.T. 0.01 min
 Lab File: BE098090.D
 Acq: 26 Oct 2018 16:02

Instrument :
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 ClientSampleId :
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Tgt Ion:	202	Resp:	26831
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.5
100	6.1	0.0	26.0

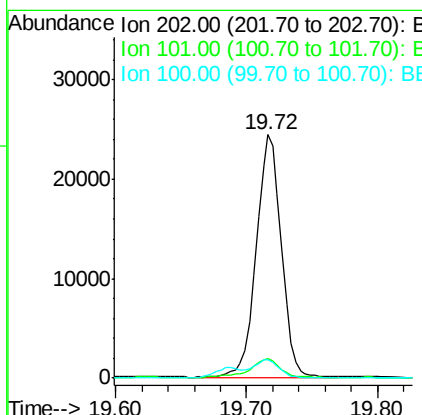
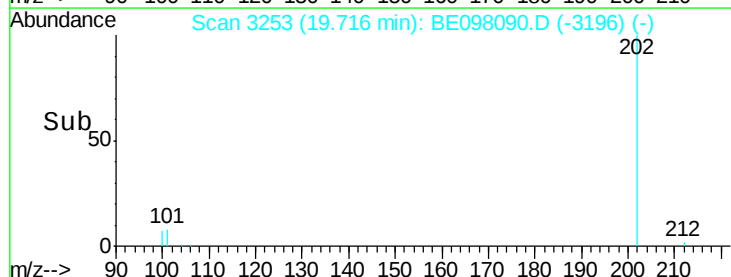
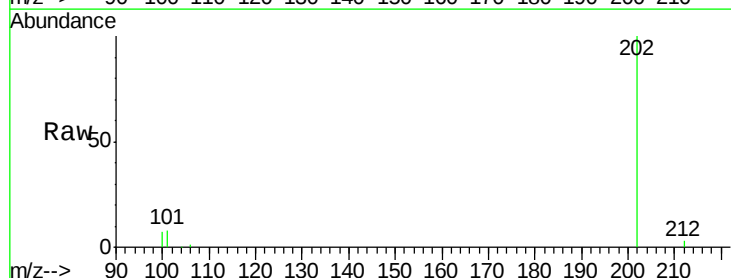
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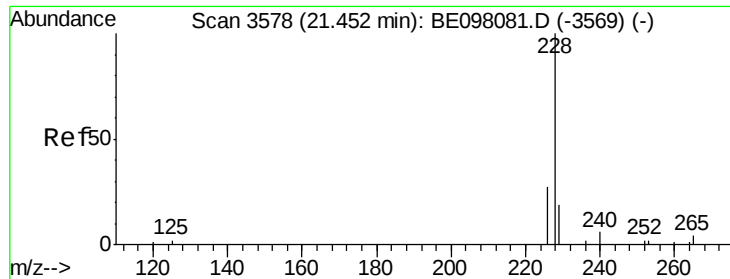
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#17
Pyrene
 Concen: 1.225 ng/ul
 RT: 19.72 min Scan# 3253
 Delta R.T. 0.00 min
 Lab File: BE098090.D
 Acq: 26 Oct 2018 16:02

Tgt Ion:	202	Resp:	32477
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.9	10.3
100	7.3	6.0	9.0





#18

Benzo(a)anthracene

Concen: 0.696 ng/ul

RT: 21.46 min Scan# 3579

Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Instrument :

BNA_E

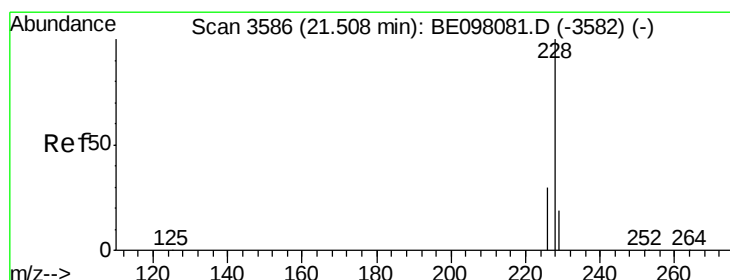
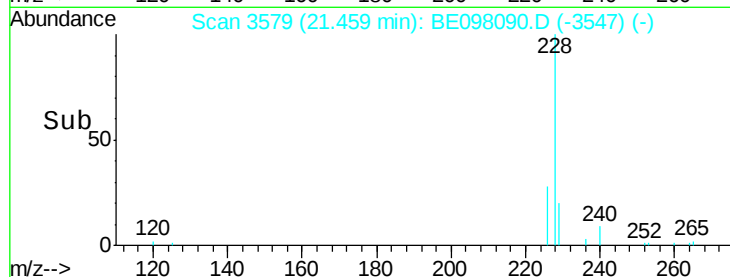
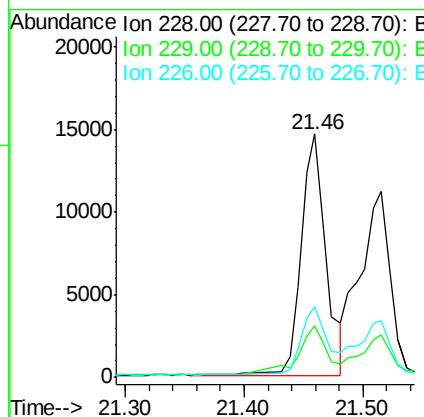
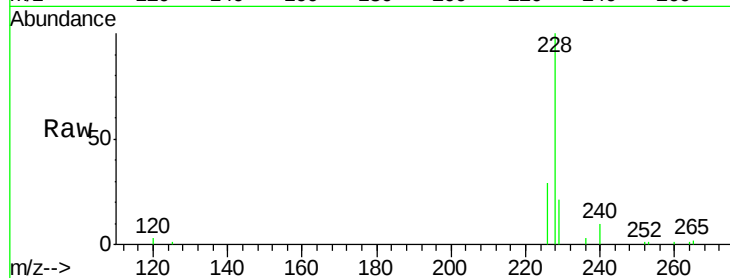
ClientSampleId :

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Tgt Ion:	228	Resp:	23213
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.1	24.1
226	29.1	22.2	33.4

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#19

Chrysene

Concen: 0.770 ng/ul

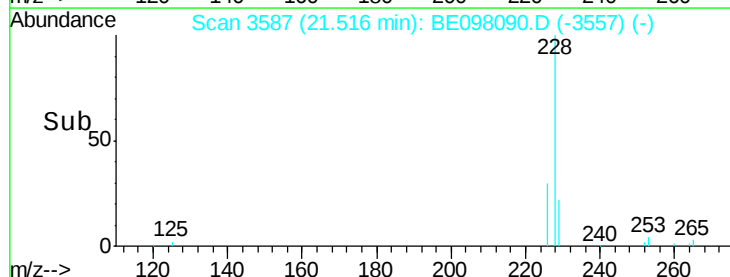
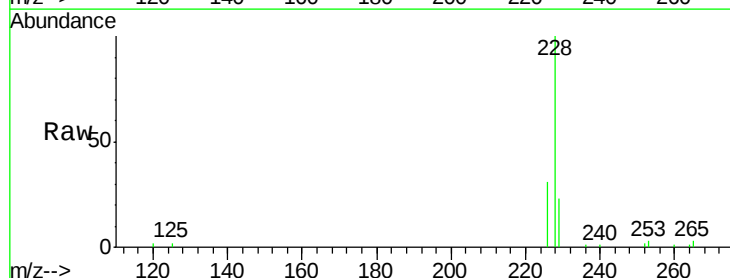
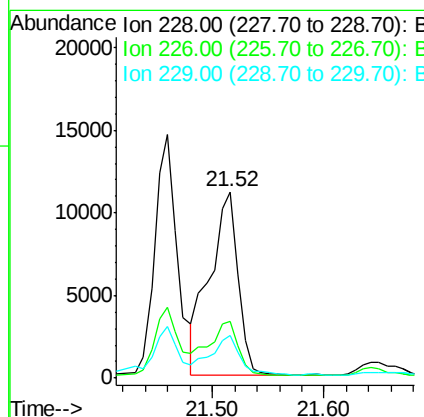
RT: 21.52 min Scan# 3587

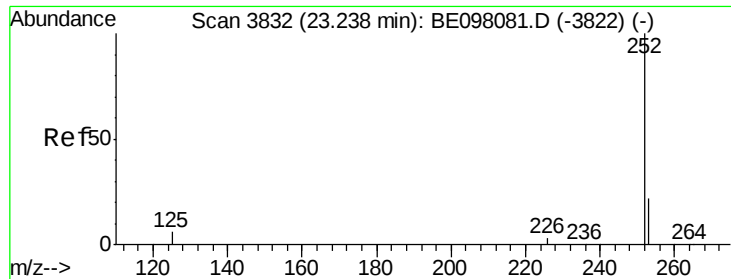
Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Tgt Ion:	228	Resp:	19875
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.6	37.0
229	23.0	16.4	24.6





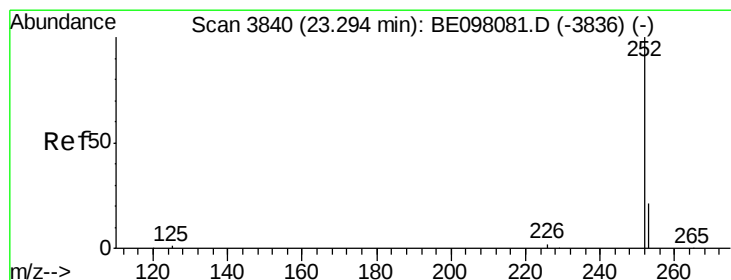
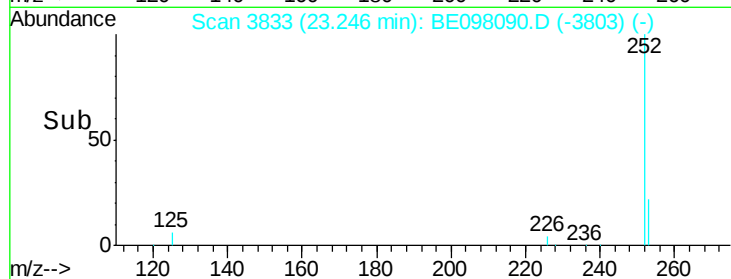
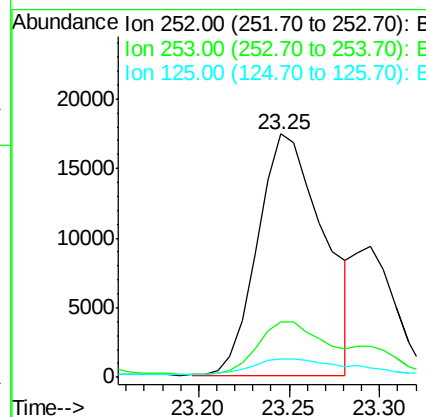
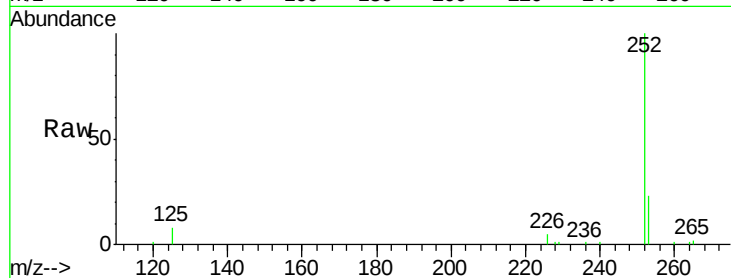
#21
Benzo(b)fluoranthene
Concen: 1.616 ng/ul m
RT: 23.25 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BE098090.D
Acq: 26 Oct 2018 16:02

Instrument :
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ClientSampleId :
C0AE8DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	47.8
125	7.6	0.0	16.8

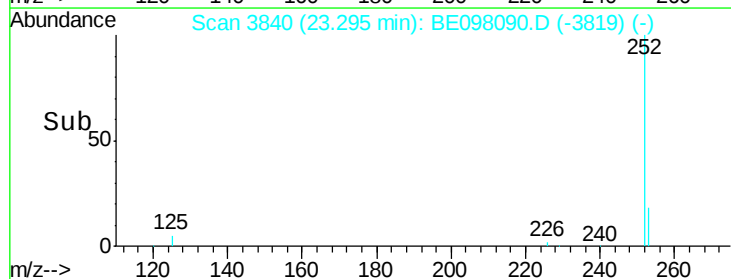
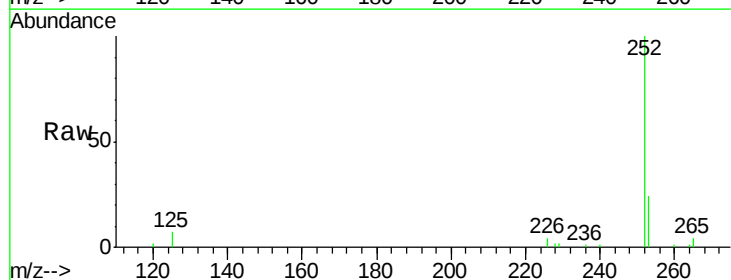
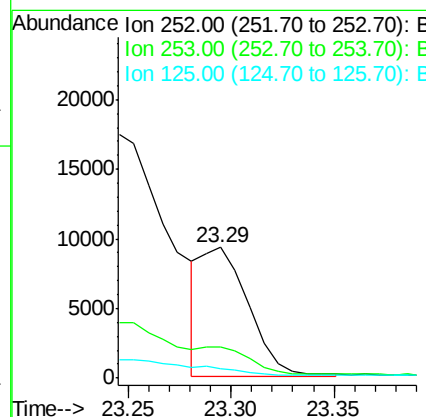
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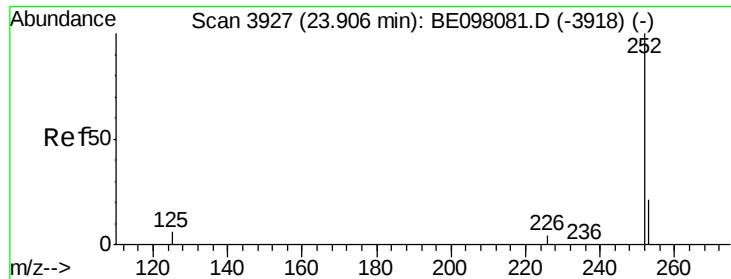
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#22
Benzo(k)fluoranthene
Concen: 0.552 ng/ul m
RT: 23.29 min Scan# 3840
Delta R.T. 0.00 min
Lab File: BE098090.D
Acq: 26 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	7.2	6.2	9.2





#23

Benzo(a)pyrene

Concen: 0.693 ng/u1

RT: 23.91 min Scan# 3928

Delta R.T. 0.01 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Instrument :

BNA_E

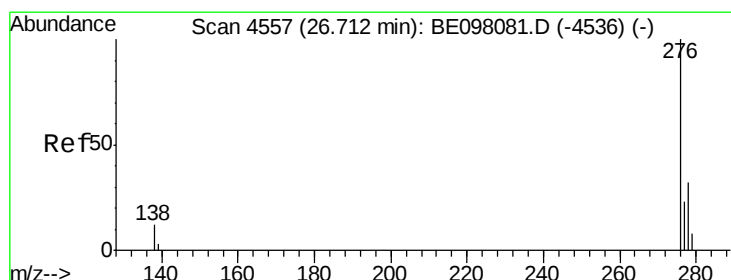
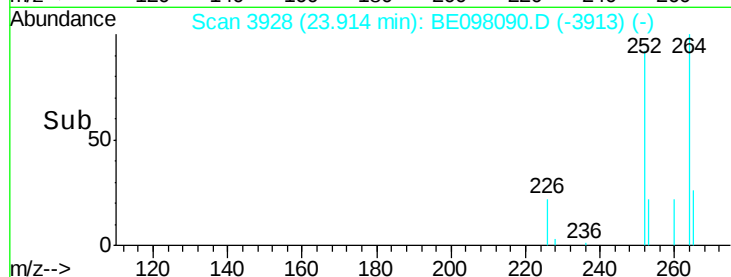
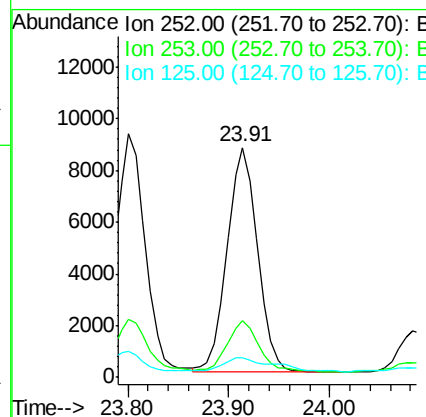
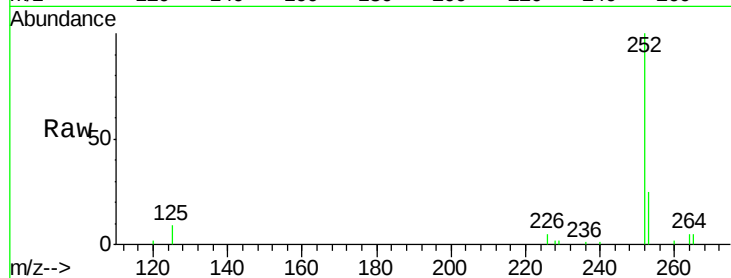
ClientSampleId :

C0AE8DL

Tgt Ion:	252	Resp:	18212
Ion Ratio	Lower	Upper	
252	100		
253	24.5	19.4	29.2
125	8.7	7.8	11.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.492 ng/u1

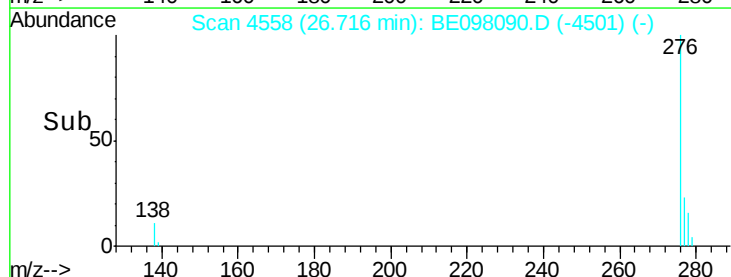
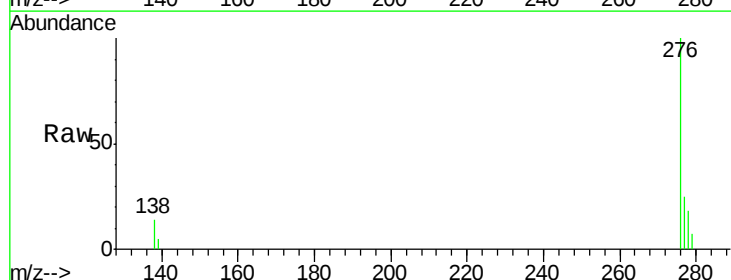
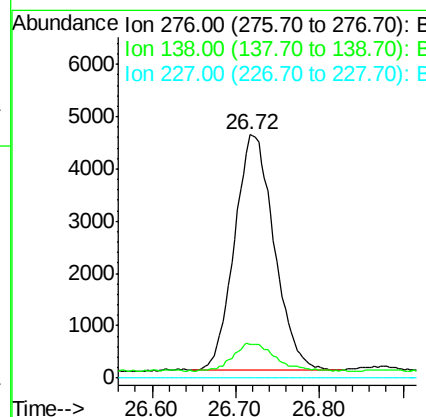
RT: 26.72 min Scan# 4558

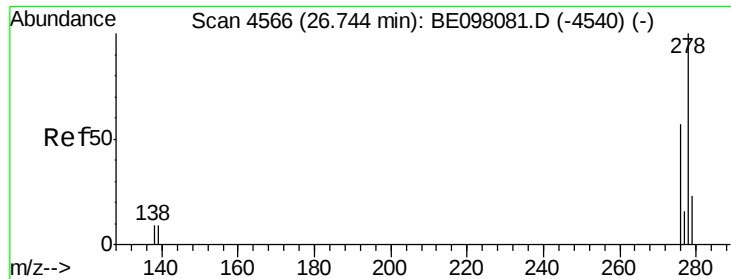
Delta R.T. 0.00 min

Lab File: BE098090.D

Acq: 26 Oct 2018 16:02

Tgt Ion:	276	Resp:	14800
Ion Ratio	Lower	Upper	
276	100		
138	12.6	11.8	17.8
227	0.0	0.0	0.0





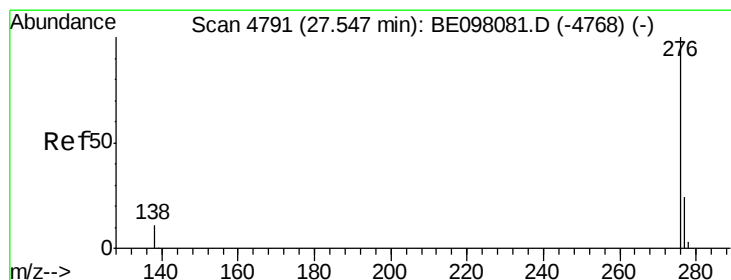
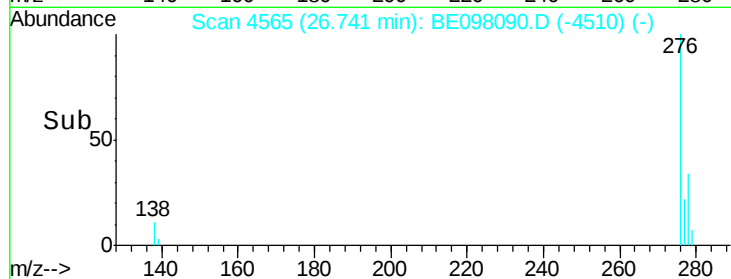
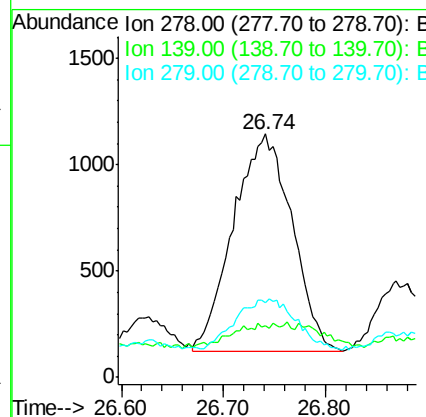
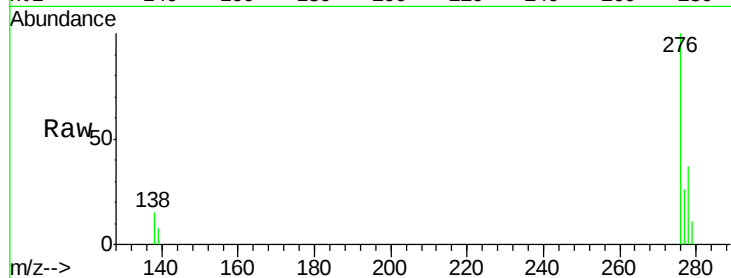
#25
Dibenzo(a,h)anthracene
Concen: 0.162 ng/u1
RT: 26.74 min Scan# 4565
Delta R.T. -0.00 min
Lab File: BE098090.D
Acq: 26 Oct 2018 16:02

Instrument :
BNA_E
ClientSampleId :
C0AE8DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	10.0	15.0#
279	30.6	20.3	30.5#

Manual Integrations
APPROVED

Sohil
10/29/2018 3:09:23 PM



#26
Benzo(g,h,i)perylene
Concen: 0.409 ng/u1
RT: 27.55 min Scan# 4792
Delta R.T. 0.00 min
Lab File: BE098090.D
Acq: 26 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	11.6	17.4
277	27.8	20.8	31.2

