

Data File : BE098135.D
Acq On : 1 Nov 2018 2:58
Operator : SJ/JU
Sample : SSTDC00.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.478

Quant Time: Nov 01 04:21:12 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 : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	6196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4234	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	9957	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12885	0.40	ng/ul	0.00
20) Perylene-d12	24.01	264	11131	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4203	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	12578	0.39	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.72	128	5804	0.391	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	4186	0.373	ng/ul	97
7) Acenaphthylene	14.24	152	6460	0.387	ng/ul	98
8) Acenaphthene	14.59	153	4709	0.377	ng/ul	99
9) Fluorene	15.58	166	5697	0.379	ng/ul	98
11) Pentachlorophenol	16.94	266	530	1.017	ng/ul	92
12) Phenanthrene	17.32	178	8991	0.391	ng/ul	99
13) Anthracene	17.42	178	8997	0.396	ng/ul	99
15) Fluoranthene	19.35	202	11381	0.388	ng/ul	98
17) Pyrene	19.71	202	13108	0.436	ng/ul	97
18) Benzo(a)anthracene	21.45	228	17882	0.472	ng/ul	99
19) Chrysene	21.50	228	12099	0.413	ng/ul	100
21) Benzo(b)fluoranthene	23.23	252	11950	0.387	ng/ul	97
22) Benzo(k)fluoranthene	23.28	252	12175	0.403	ng/ul#	98
23) Benzo(a)pyrene	23.90	252	11798	0.398	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	26.70	276	13426	0.395	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.73	278	11170	0.394	ng/ul#	95
26) Benzo(g,h,i)perylene	27.53	276	11174	0.391	ng/ul	96

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

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Sample : SSTDCCC0.4EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.478

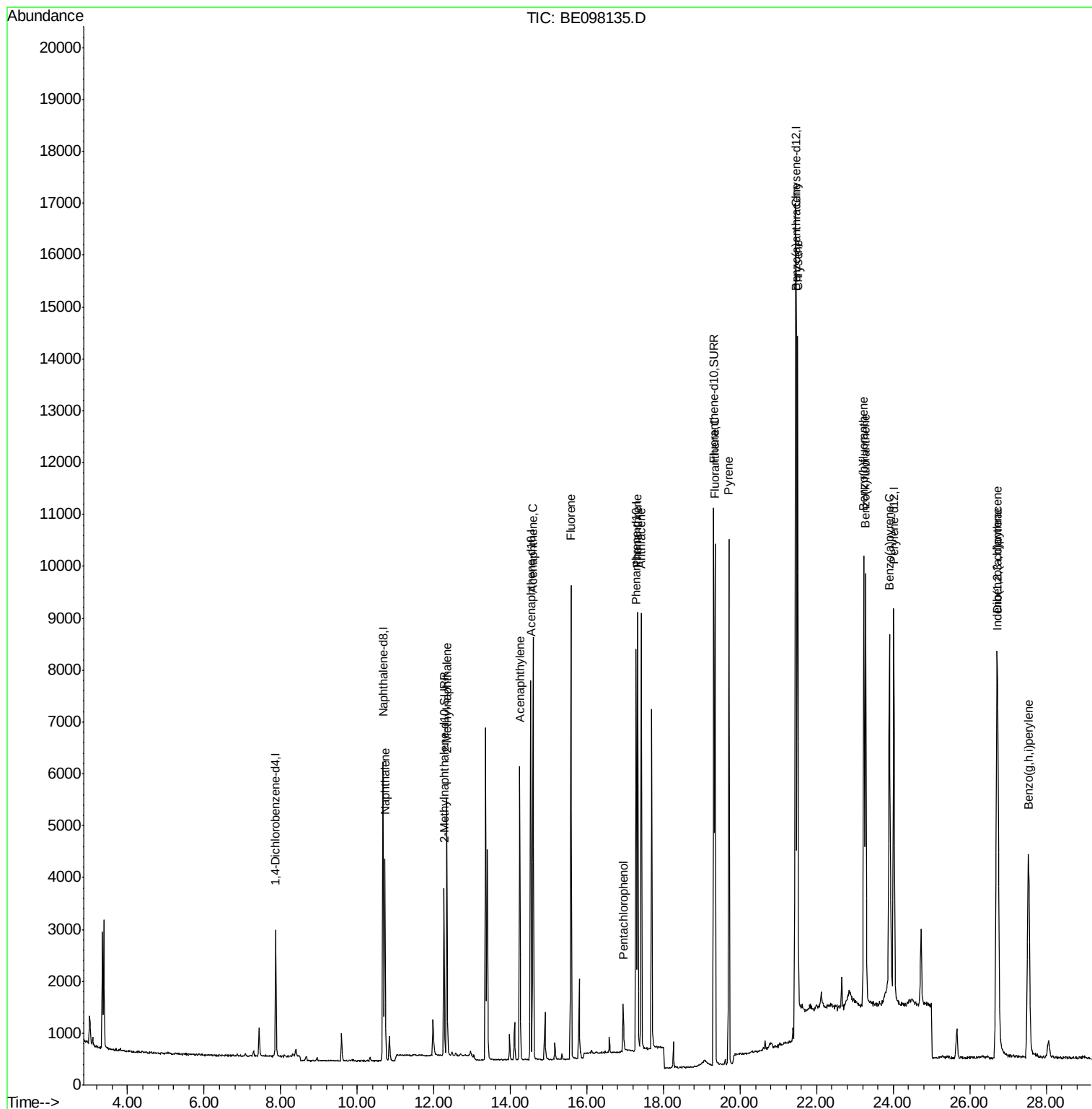
Quant Time: Nov 01 04:21:12 2018

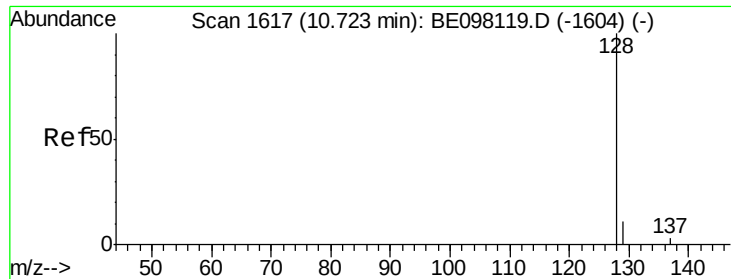
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 01 02:11:37 2018

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.391 ng/ul

RT: 10.72 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

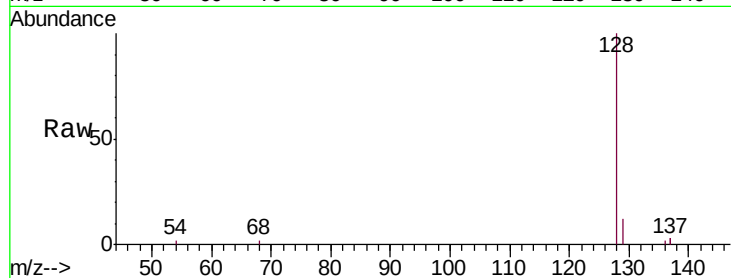
Tgt Ion:128 Resp: 5804

Ion Ratio Lower Upper

128 100

129 12.4 10.5 15.7

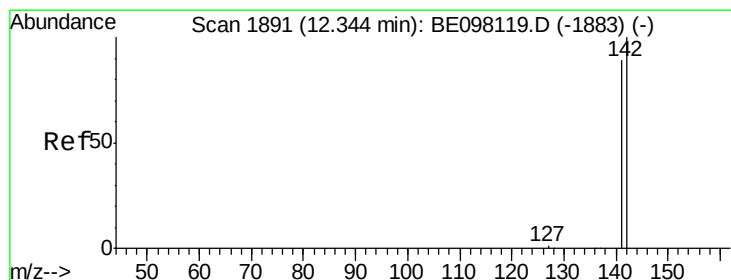
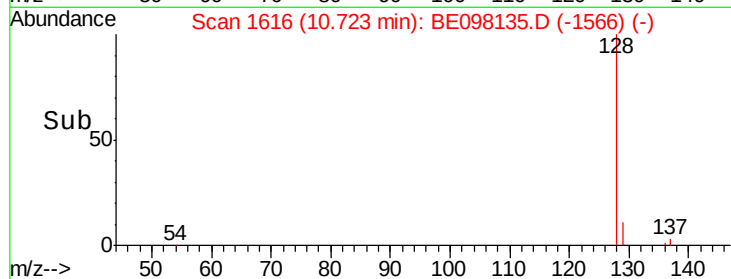
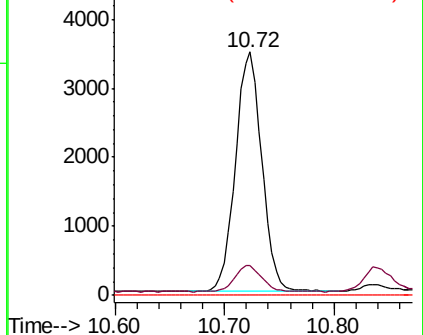
127 0.0 0.0 0.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.373 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BE098135.D

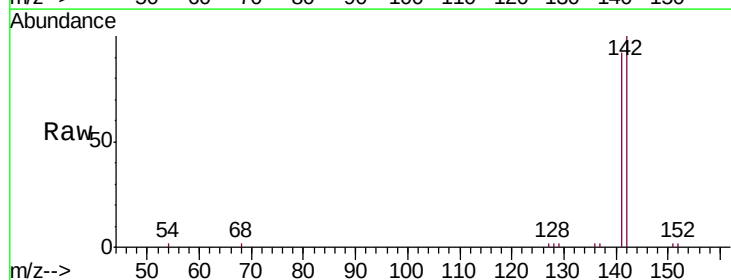
Acq: 1 Nov 2018 2:58

Tgt Ion:142 Resp: 4186

Ion Ratio Lower Upper

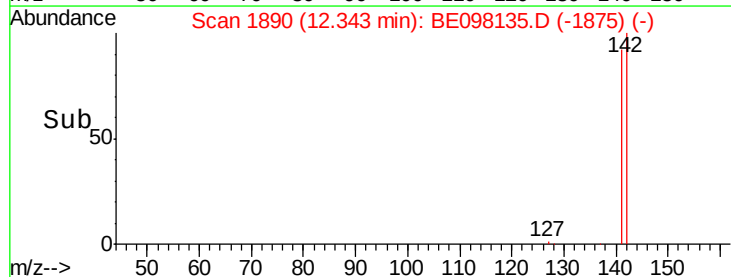
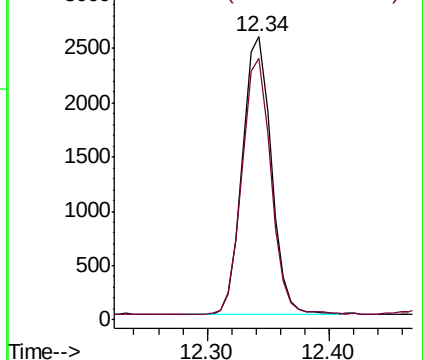
142 100

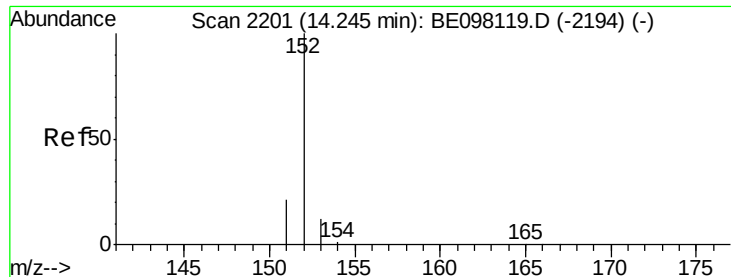
141 93.0 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.387 ng/ul

RT: 14.24 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

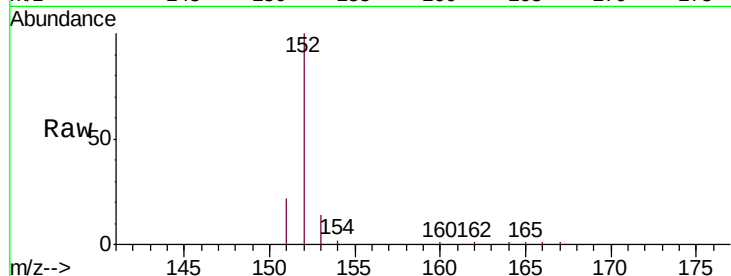
Tgt Ion:152 Resp: 6460

Ion Ratio Lower Upper

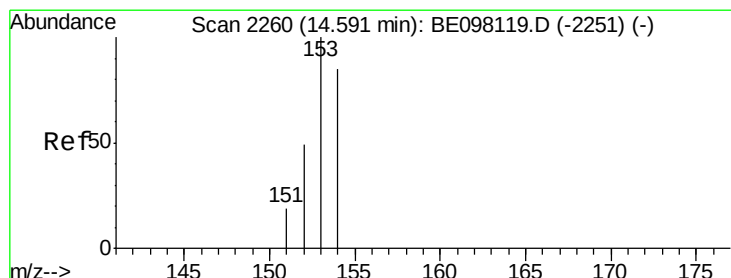
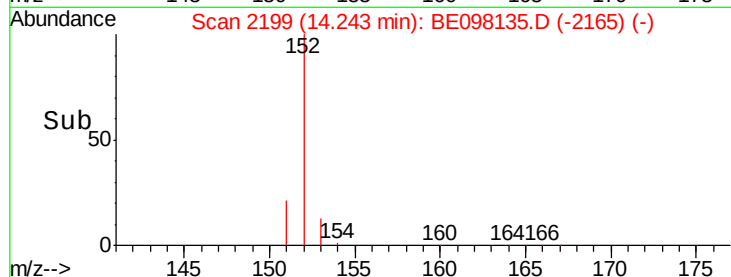
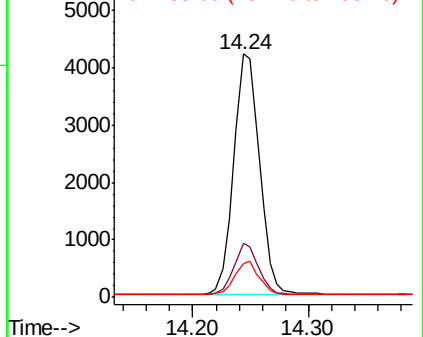
152 100

151 22.2 17.3 25.9

153 13.7 11.9 17.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.377 ng/ul

RT: 14.59 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

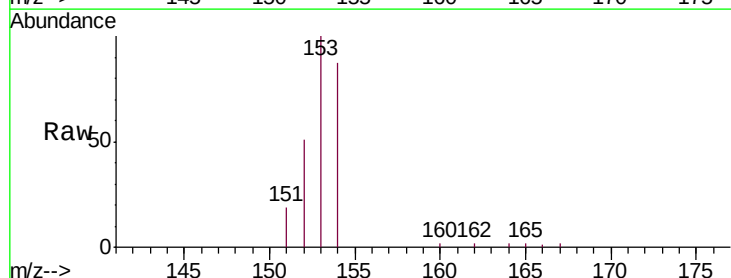
Tgt Ion:153 Resp: 4709

Ion Ratio Lower Upper

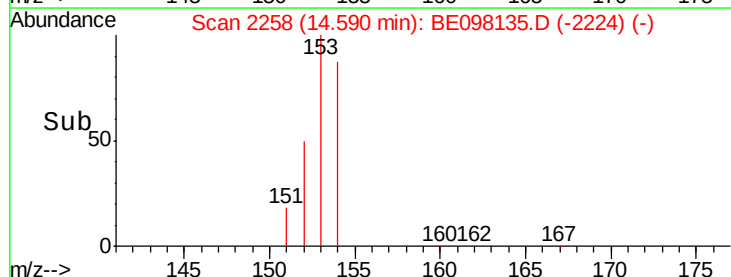
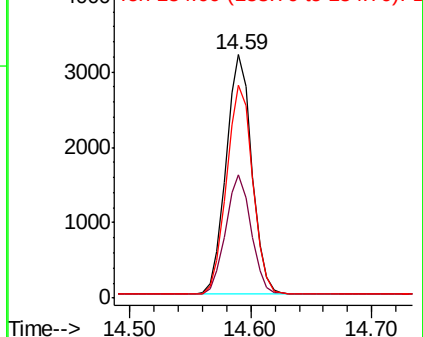
153 100

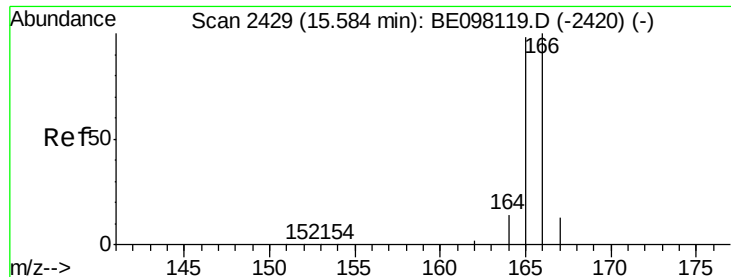
152 50.5 39.4 59.0

154 87.5 70.5 105.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

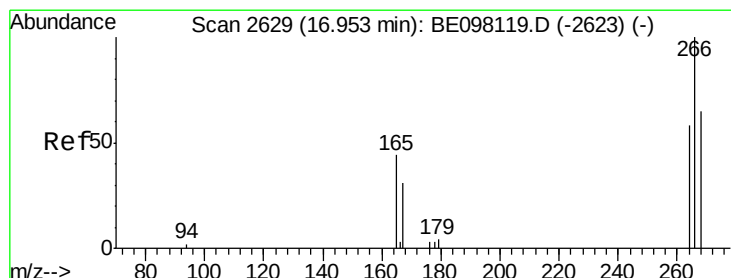
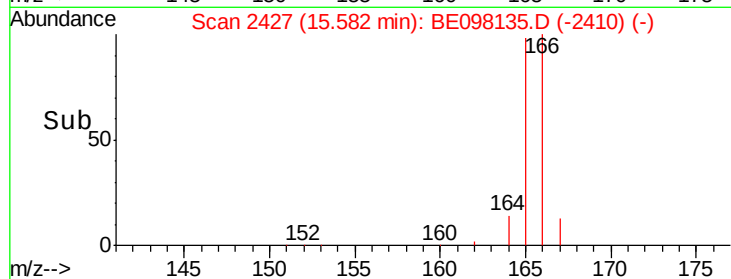
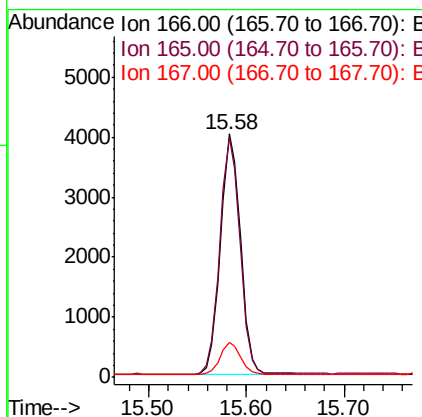
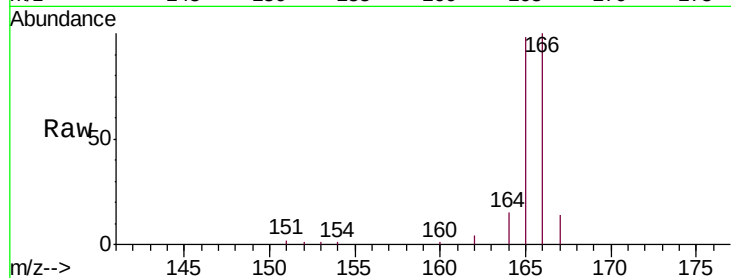




#9
Fluorene
 Concen: 0.379 ng/ul
 RT: 15.58 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE098135.D
 Acq: 1 Nov 2018 2:58

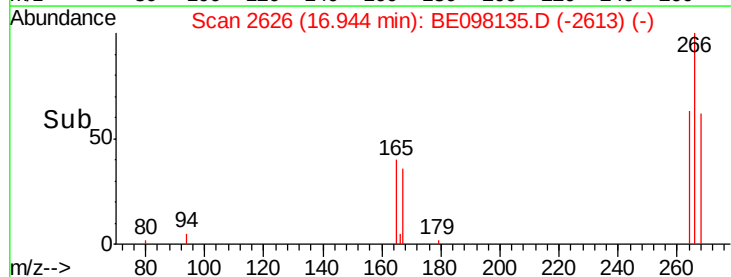
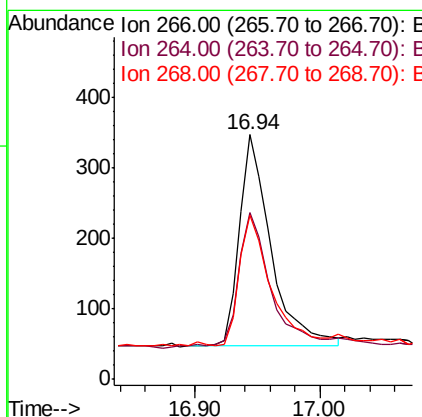
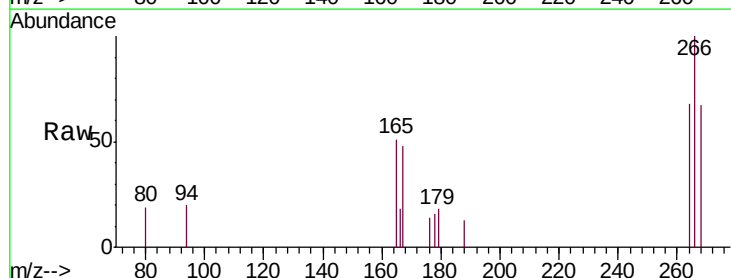
Instrument :
 BNA_E
 ClientSampleId :
 SST0.478

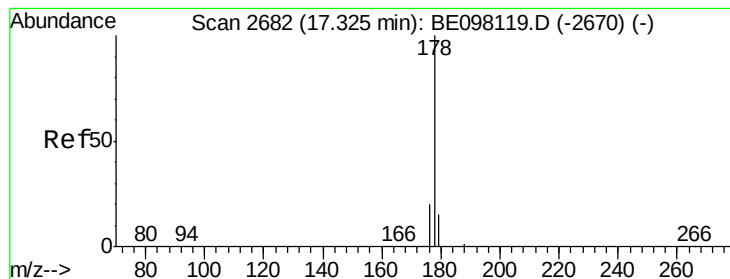
Tgt Ion:166 Resp: 5697
 Ion Ratio Lower Upper
 166 100
 165 98.5 80.2 120.4
 167 14.4 12.0 18.0



#11
Pentachlorophenol
 Concen: 1.017 ng/ul
 RT: 16.94 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BE098135.D
 Acq: 1 Nov 2018 2:58

Tgt Ion:266 Resp: 530
 Ion Ratio Lower Upper
 266 100
 264 69.6 48.5 72.7
 268 64.0 53.7 80.5





#12

Phenanthrene

Concen: 0.391 ng/ul

RT: 17.32 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

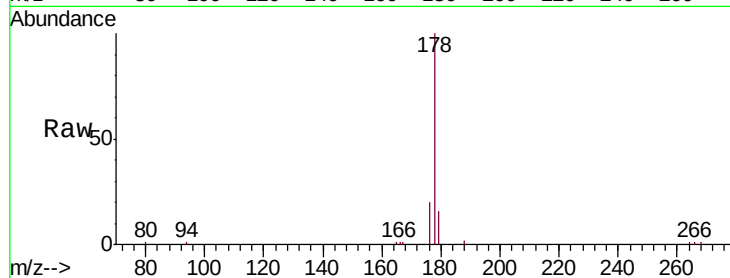
Tgt Ion:178 Resp: 8991

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.4

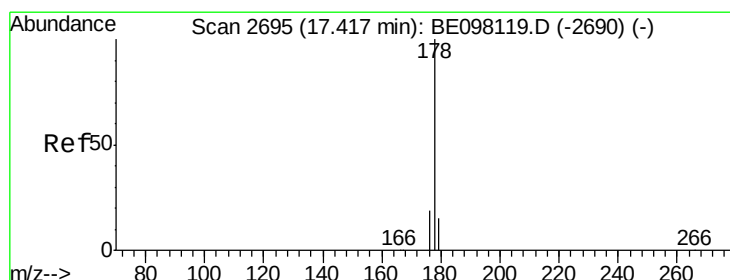
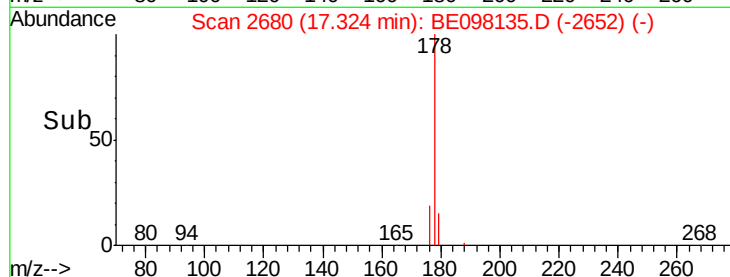
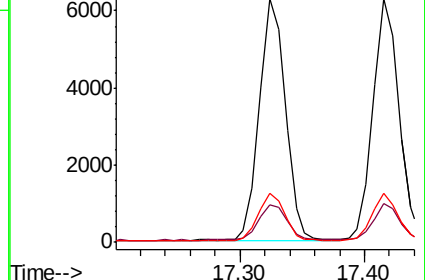
176 20.1 15.7 23.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.396 ng/ul

RT: 17.42 min Scan# 2693

Delta R.T. -0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

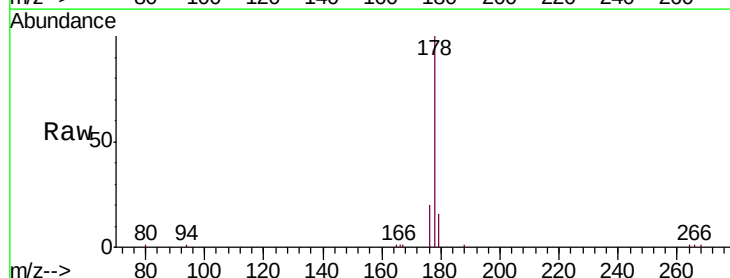
Tgt Ion:178 Resp: 8997

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

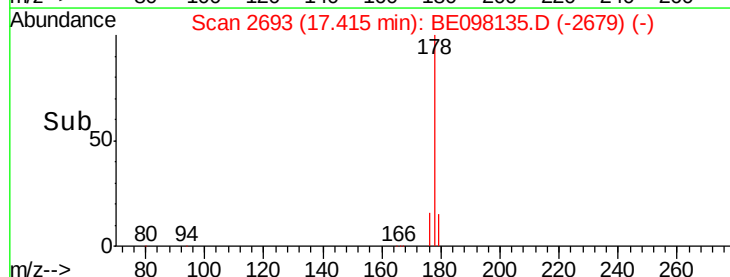
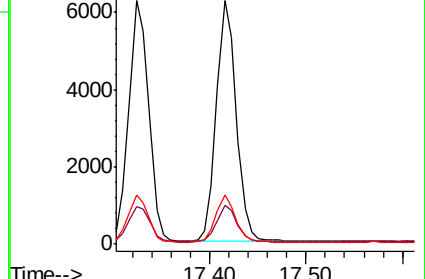
176 20.0 15.6 23.4

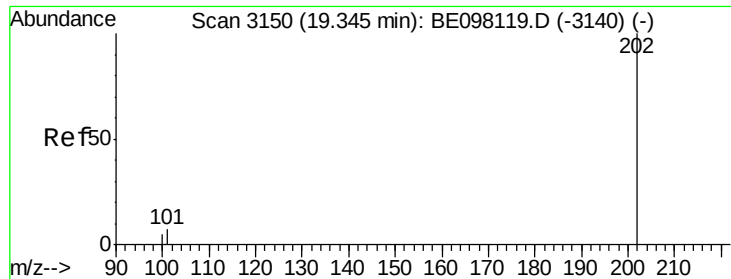


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.388 ng/ul

RT: 19.35 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

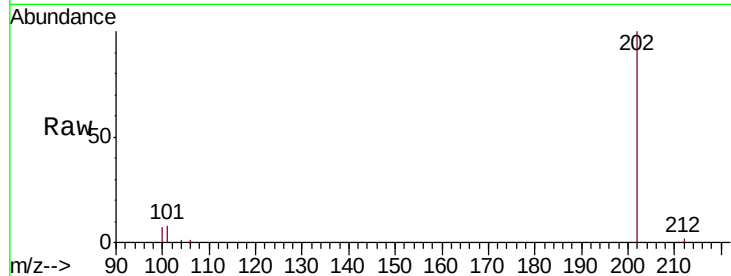
Instrument :

BNA_E

ClientSampleId :

SSTD0.478

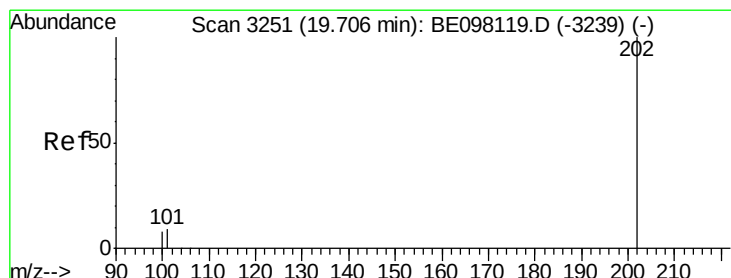
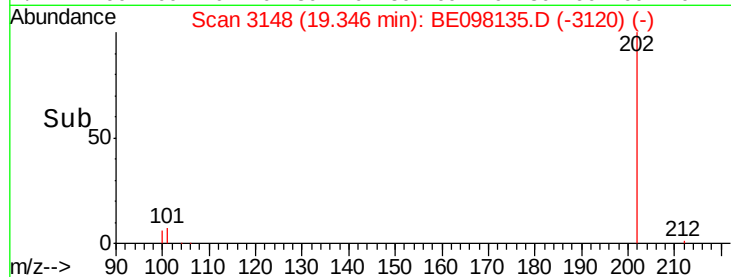
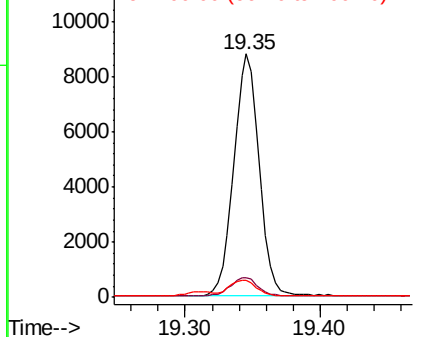
Tgt Ion:	202	Resp:	11381
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.5
100	6.7	0.0	26.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.436 ng/ul

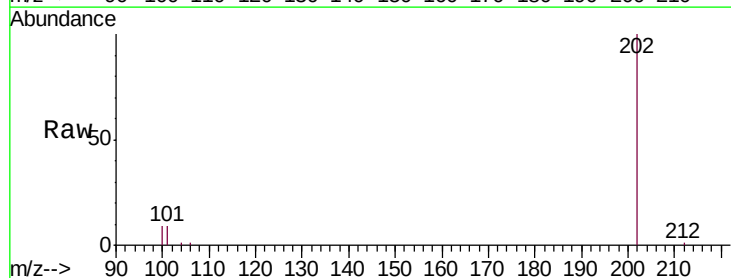
RT: 19.71 min Scan# 3249

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

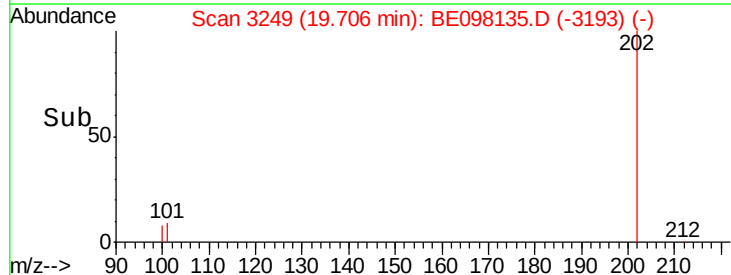
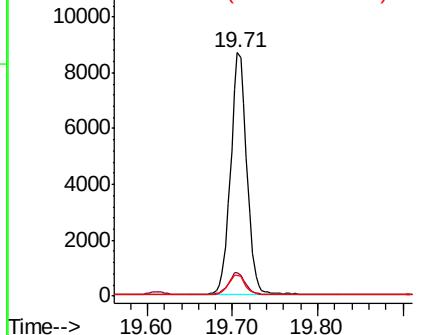
Tgt Ion:	202	Resp:	13108
Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.9	10.3
100	8.7	6.0	9.0

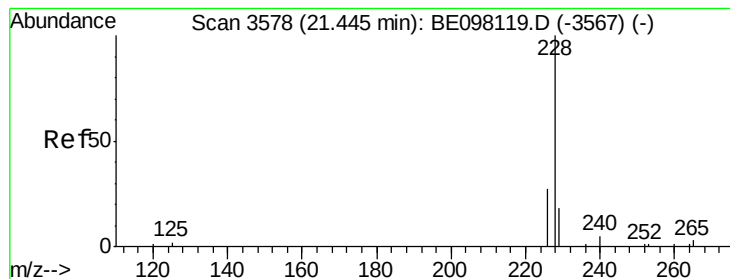


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.472 ng/ul

RT: 21.45 min Scan# 3576

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

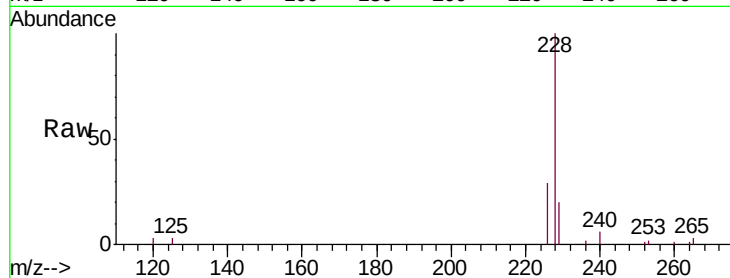
Tgt Ion:228 Resp: 17882

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

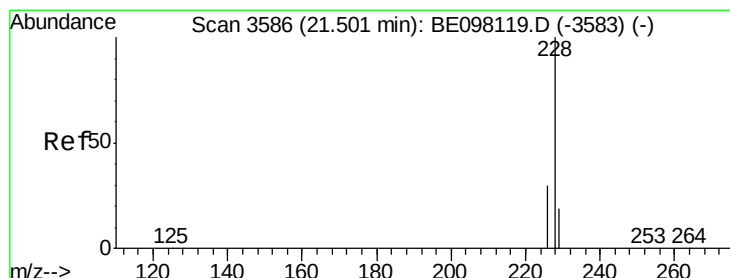
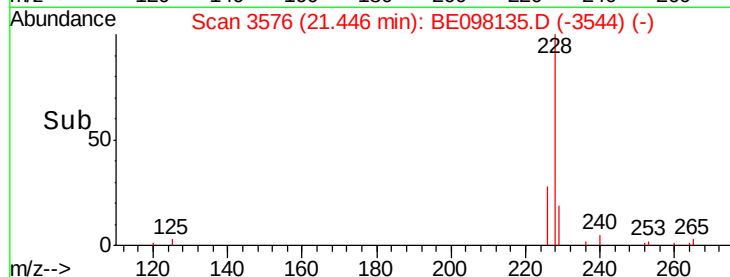
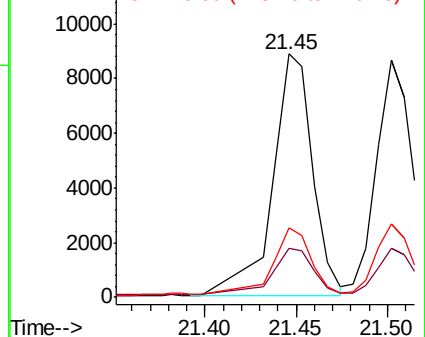
226 28.7 22.2 33.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.413 ng/ul

RT: 21.50 min Scan# 3584

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

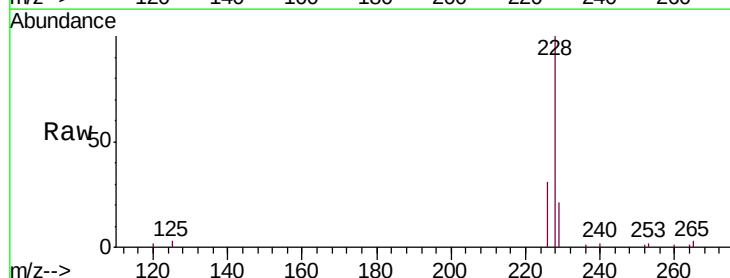
Tgt Ion:228 Resp: 12099

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

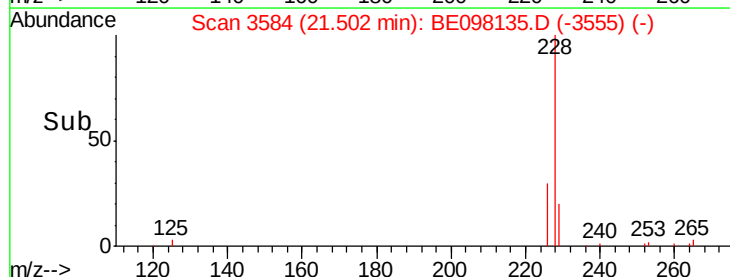
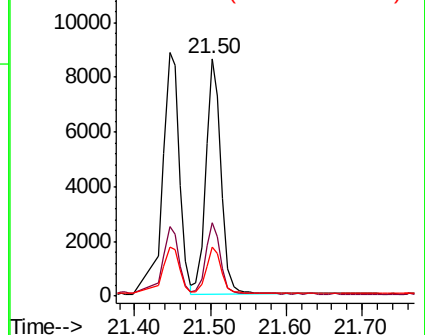
229 20.9 16.4 24.6

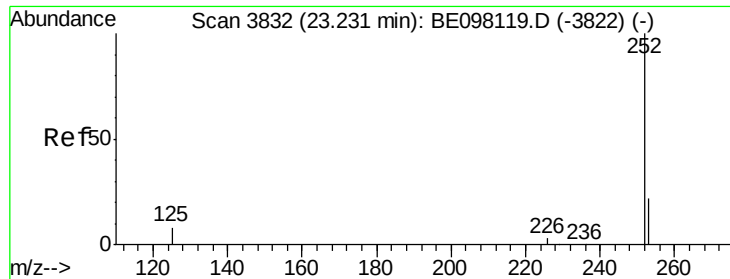


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.387 ng/ul

RT: 23.23 min Scan# 3830

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

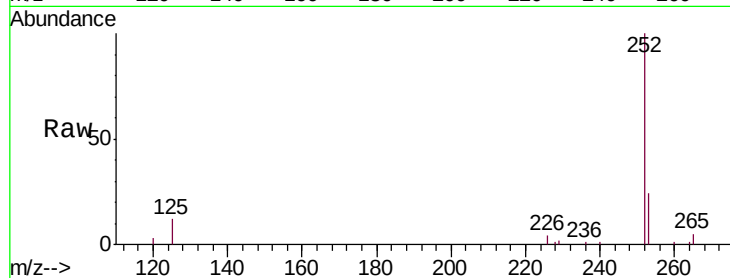
Tgt Ion:252 Resp: 11950

Ion Ratio Lower Upper

252 100

253 23.8 0.0 47.8

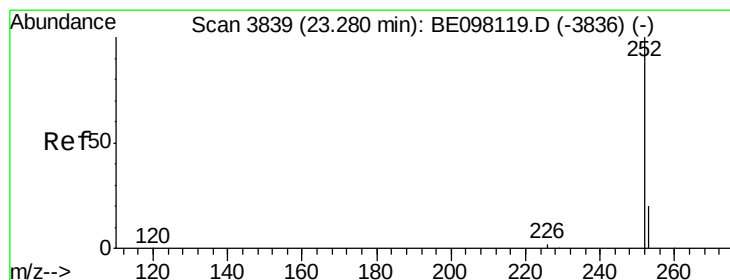
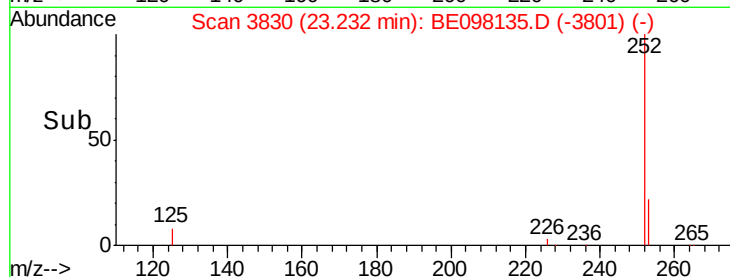
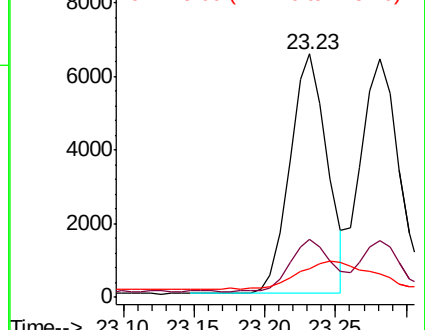
125 11.7 0.0 16.8



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: 0.403 ng/ul

RT: 23.28 min Scan# 3837

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

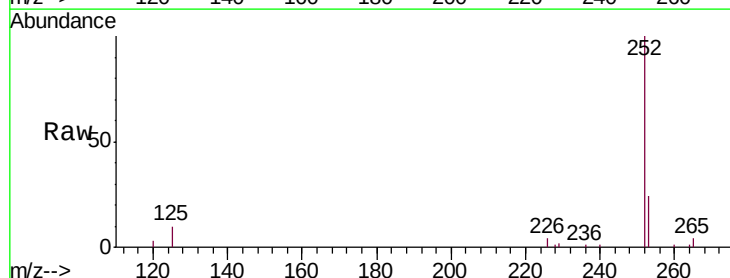
Tgt Ion:252 Resp: 12175

Ion Ratio Lower Upper

252 100

253 23.5 19.3 28.9

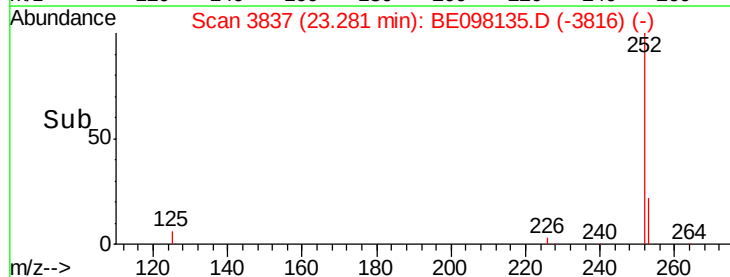
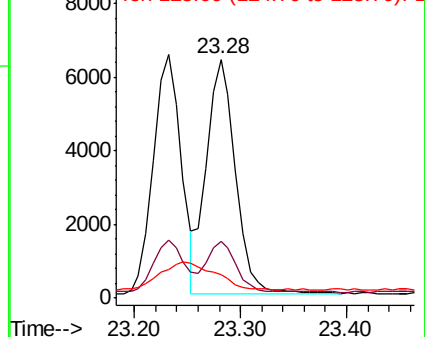
125 9.7 6.2 9.2#

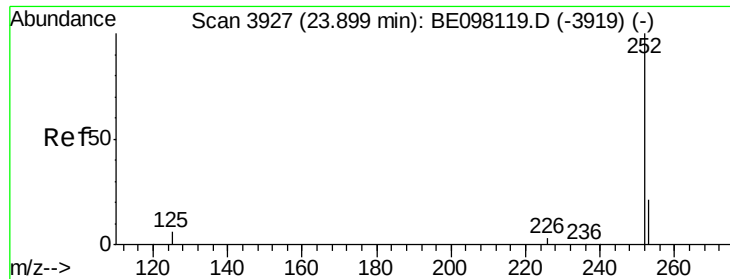


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.90 min Scan# 3925

Delta R.T. 0.00 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

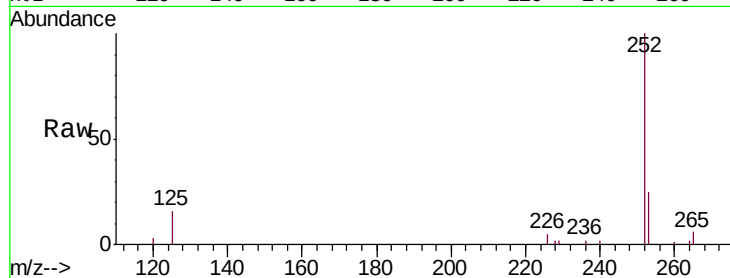
Tgt Ion:252 Resp: 11798

Ion Ratio Lower Upper

252 100

253 24.7 19.4 29.2

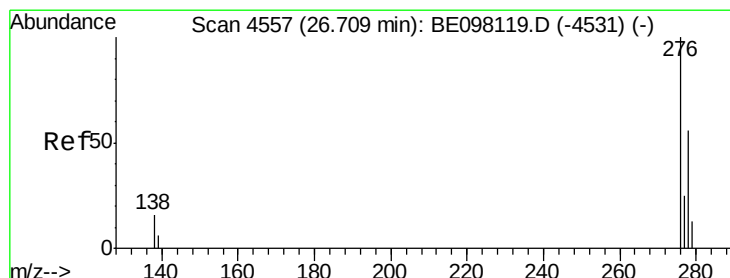
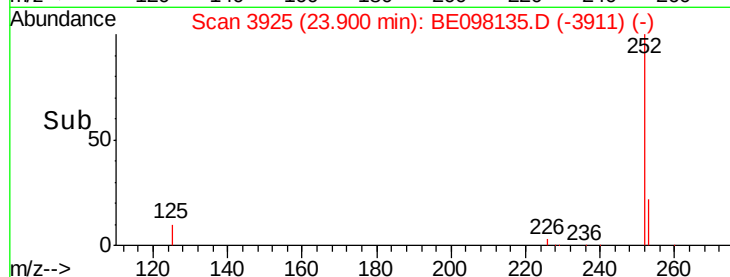
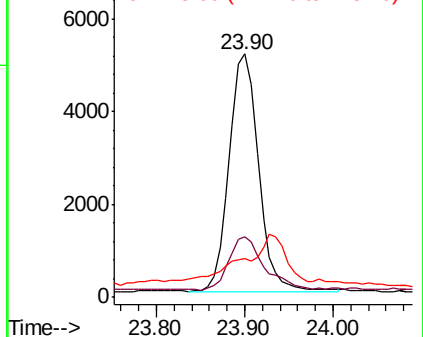
125 16.2 7.8 11.8#



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: 0.395 ng/ul

RT: 26.70 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BE098135.D

Acq: 1 Nov 2018 2:58

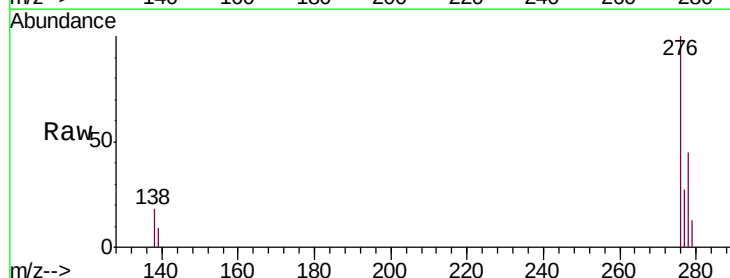
Tgt Ion:276 Resp: 13426

Ion Ratio Lower Upper

276 100

138 18.7 11.8 17.8#

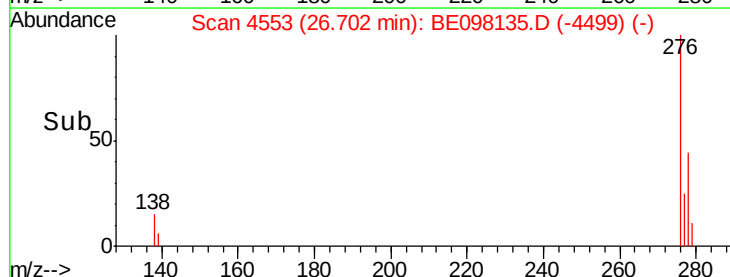
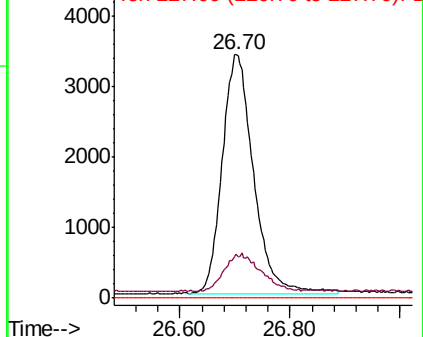
227 0.0 0.0 0.0

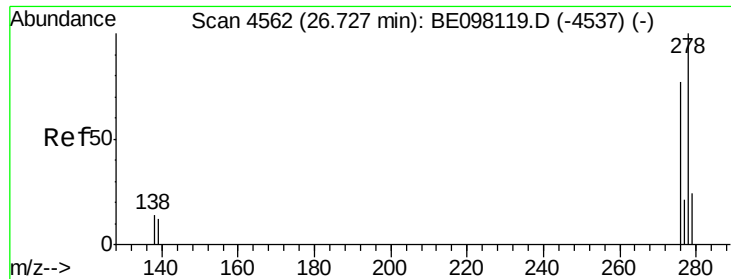


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

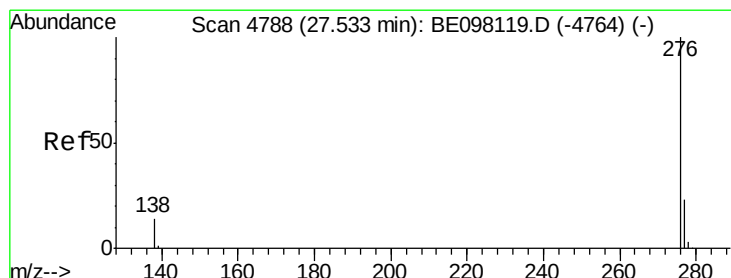
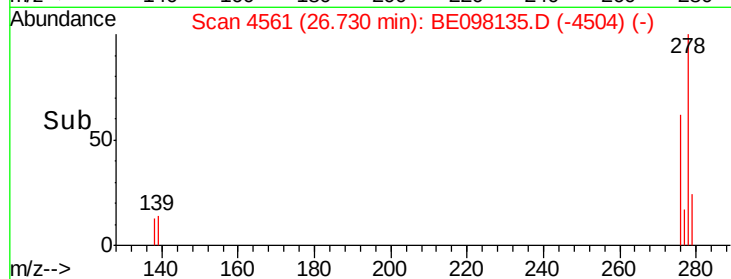
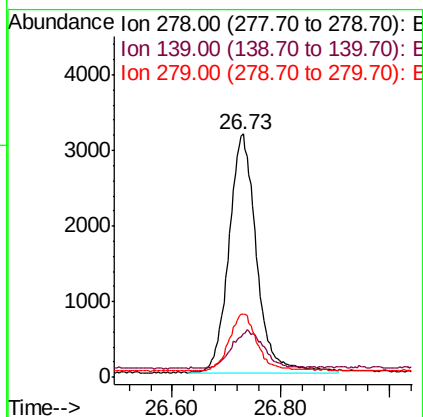
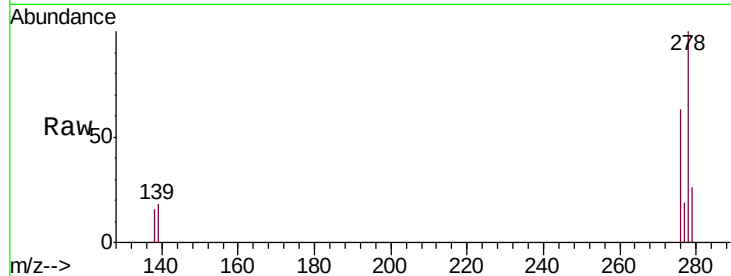




#25
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 26.73 min Scan# 4561
Delta R.T. 0.00 min
Lab File: BE098135.D
Acq: 1 Nov 2018 2:58

Instrument :
BNA_E
ClientSampleId :
SSTD0.478

Tgt Ion: 278 Resp: 11170
Ion Ratio Lower Upper
278 100
139 17.8 10.0 15.0#
279 26.1 20.3 30.5



#26
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 27.53 min Scan# 4784
Delta R.T. -0.01 min
Lab File: BE098135.D
Acq: 1 Nov 2018 2:58

Tgt Ion: 276 Resp: 11174
Ion Ratio Lower Upper
276 100
138 17.2 11.6 17.4
277 24.8 20.8 31.2

