

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101018\
 Data File : BE097847.D
 Acq On : 11 Oct 2018 4:54
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.443

Quant Time: Oct 11 07:54:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 01:20:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2264	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10454	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	7786	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	23644	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	35248	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	29582	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	7744	0.47	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	34815	0.45	ng/ul	0.00

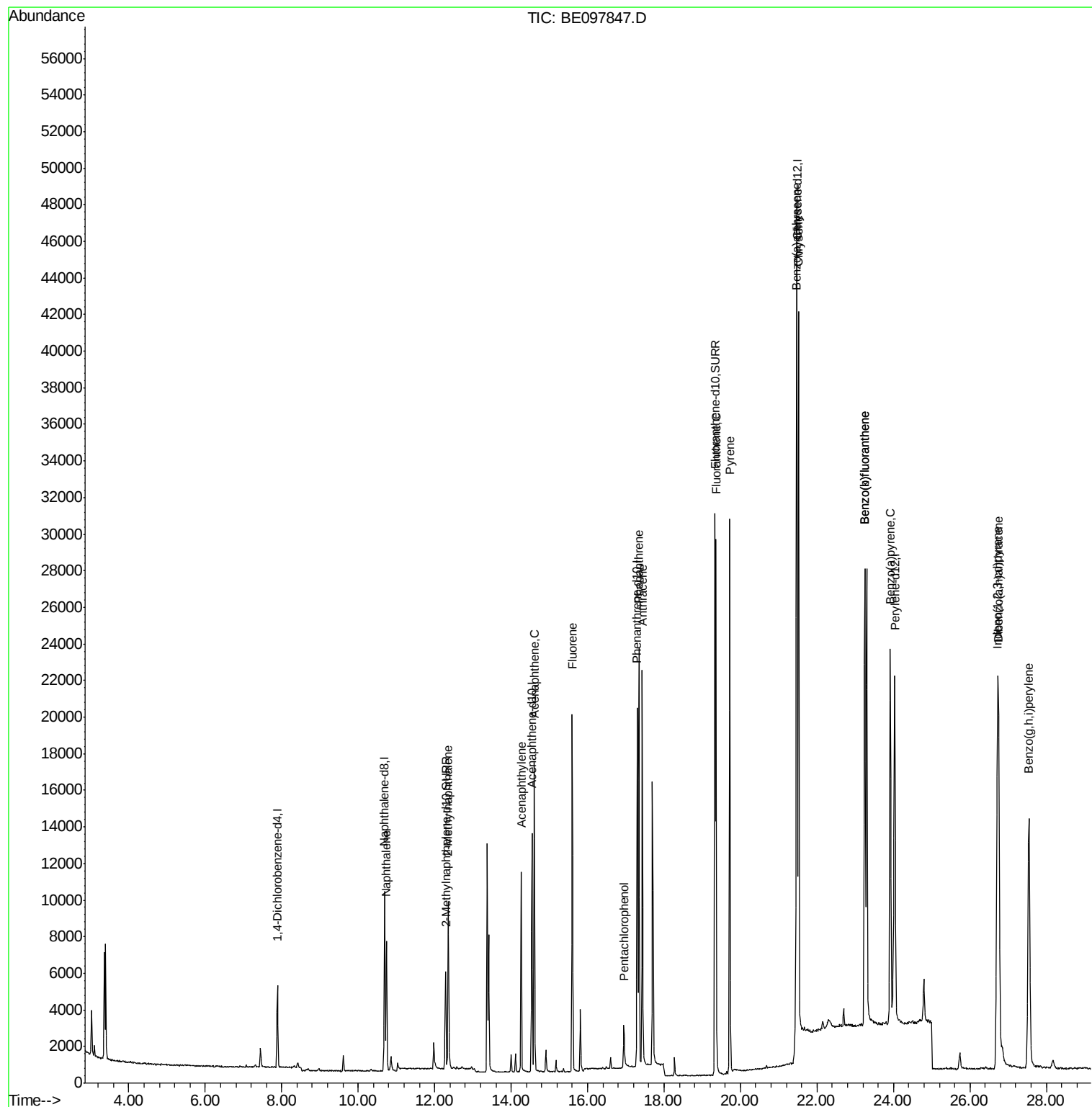
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.74	128	11112	0.442	ng/ul	99
5) 2-Methylnaphthalene	12.36	142	8084	0.483	ng/ul	99
7) Acenaphthylene	14.26	152	13148	0.479	ng/ul	98
8) Acenaphthene	14.60	153	9972	0.436	ng/ul	99
9) Fluorene	15.60	166	13015	0.472	ng/ul	97
11) Pentachlorophenol	16.95	266	1522	0.705	ng/ul	98
12) Phenanthrene	17.34	178	24645	0.436	ng/ul	98
13) Anthracene	17.43	178	23711	0.494	ng/ul	99
15) Fluoranthene	19.36	202	32835	0.441	ng/ul	97
17) Pyrene	19.72	202	42064	0.486	ng/ul	97
18) Benzo(a)anthracene	21.46	228	44756	0.457	ng/ul	98
19) Chrysene	21.52	228	37339	0.396	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	35749	0.468	ng/ul	97
22) Benzo(k)fluoranthene	23.25	252	35749	0.413	ng/ul	99
23) Benzo(a)pyrene	23.91	252	34821	0.498	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.72	276	39073	0.492	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.75	278	32424	0.489	ng/ul	97
26) Benzo(g,h,i)perylene	27.54	276	33508	0.447	ng/ul	98

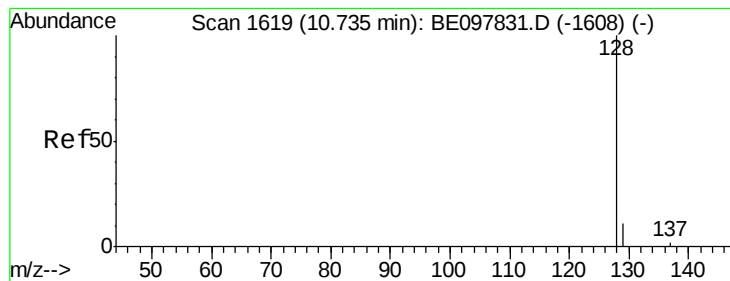
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101018\
Data File : BE097847.D
Acq On : 11 Oct 2018 4:54
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.443

Quant Time: Oct 11 07:54:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 01:20:33 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.442 ng/ul

RT: 10.74 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

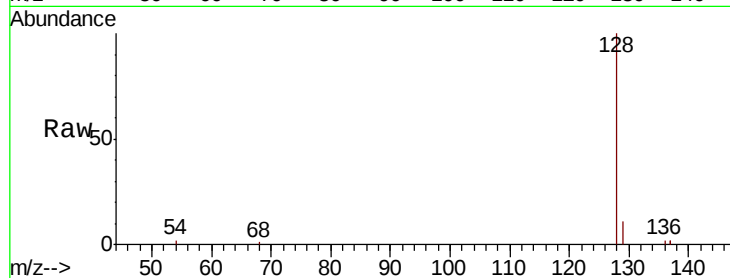
Tgt Ion:128 Resp: 11112

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

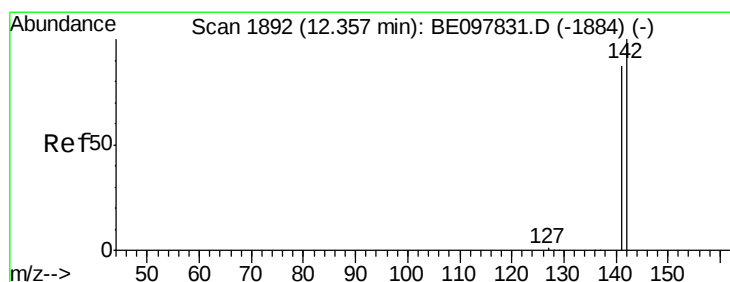
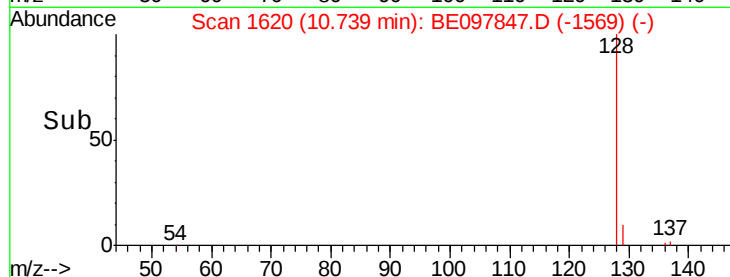
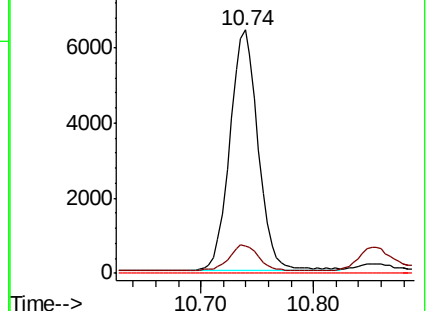
127 0.0 0.0 0.0



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: 0.483 ng/ul

RT: 12.36 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BE097847.D

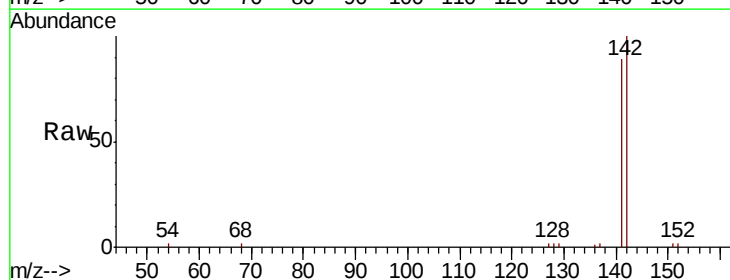
Acq: 11 Oct 2018 4:54

Tgt Ion:142 Resp: 8084

Ion Ratio Lower Upper

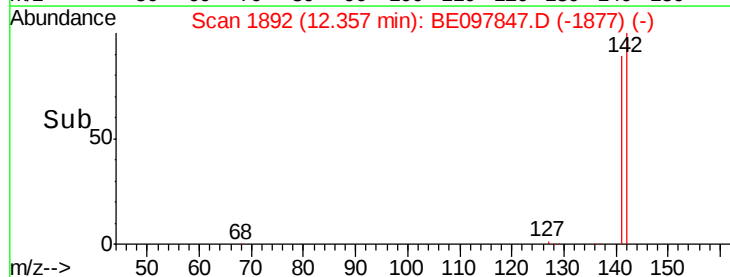
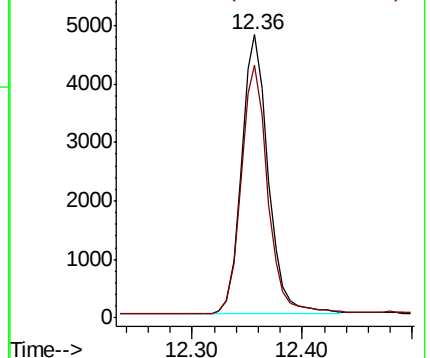
142 100

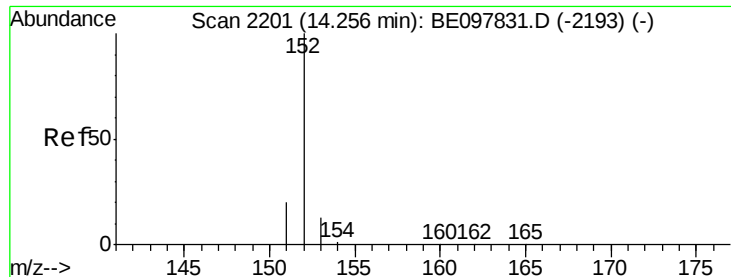
141 88.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.479 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

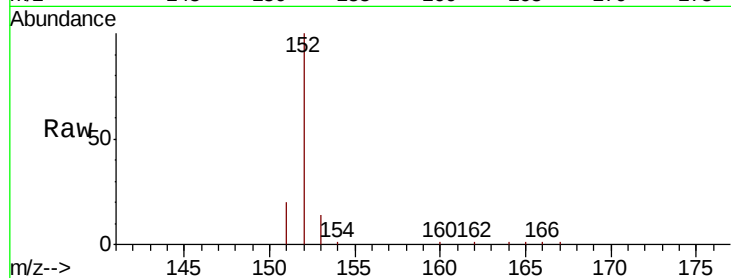
Tgt Ion:152 Resp: 13148

Ion Ratio Lower Upper

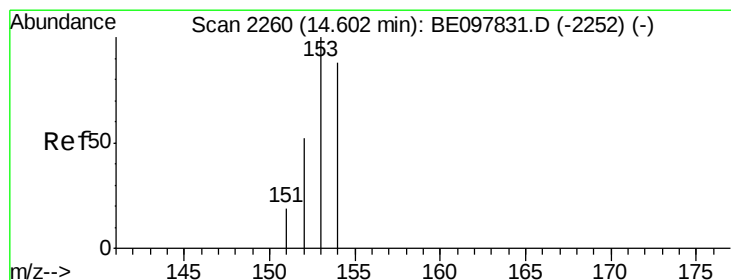
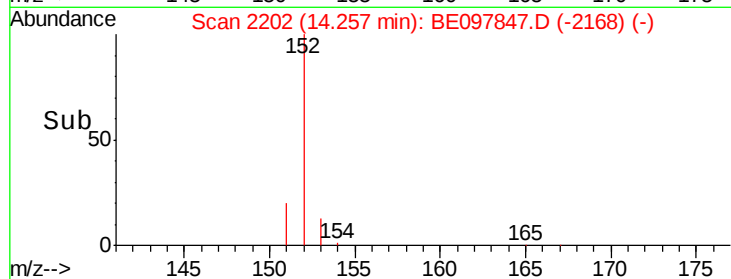
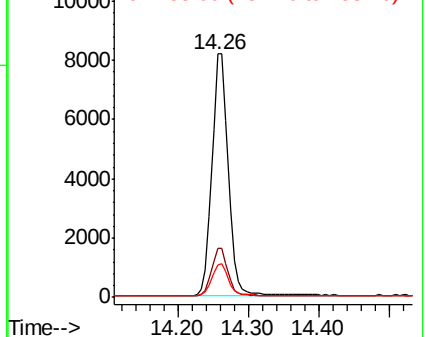
152 100

151 20.3 15.0 22.6

153 13.6 10.5 15.7



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: 0.436 ng/ul

RT: 14.60 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

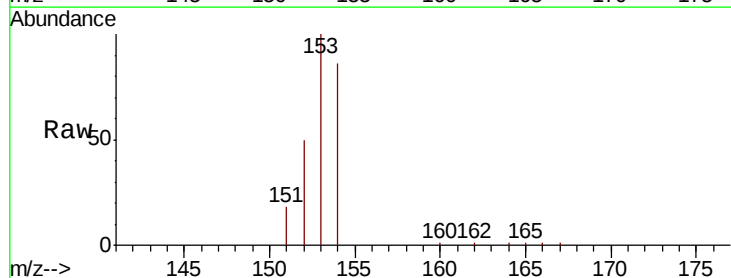
Tgt Ion:153 Resp: 9972

Ion Ratio Lower Upper

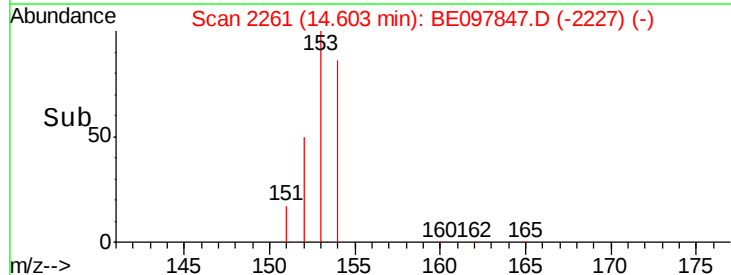
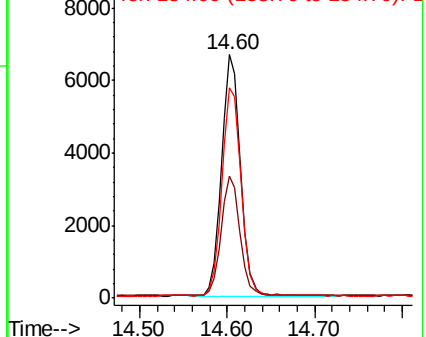
153 100

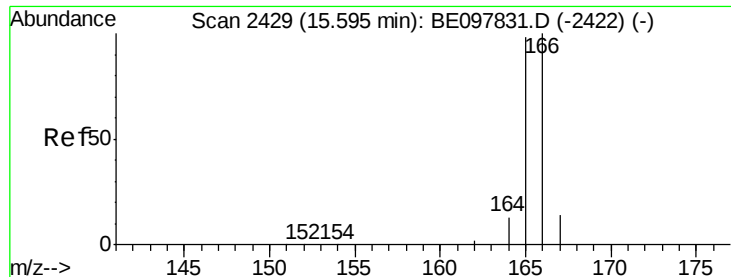
152 50.3 41.2 61.8

154 86.4 68.6 103.0



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: 0.472 ng/ul

RT: 15.60 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

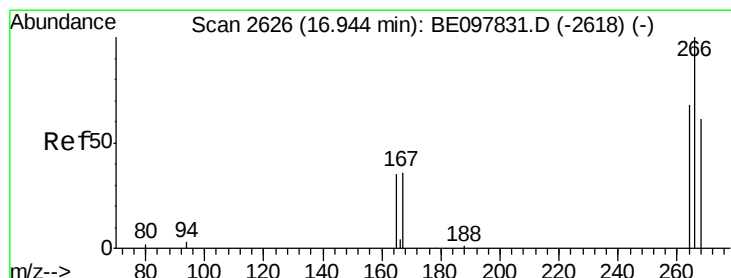
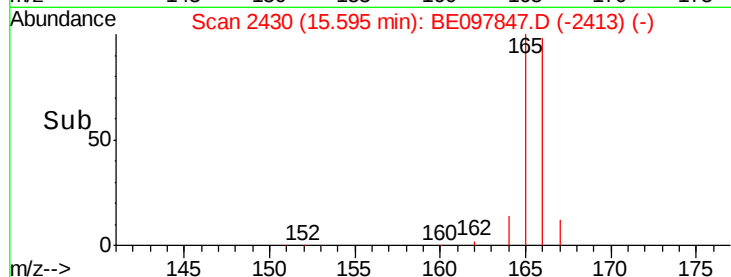
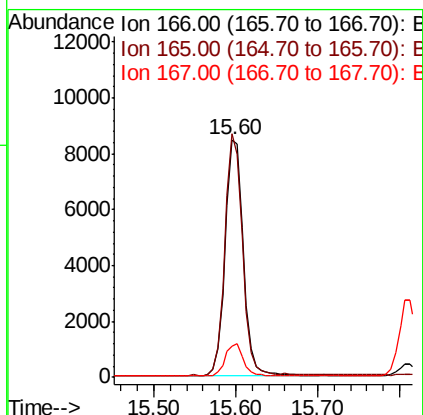
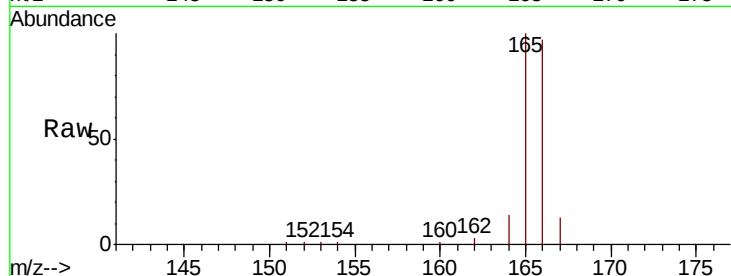
Tgt Ion:166 Resp: 13015

Ion Ratio Lower Upper

166 100

165 102.6 79.2 118.8

167 13.1 11.3 16.9



#11

Pentachlorophenol

Concen: 0.705 ng/ul

RT: 16.95 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

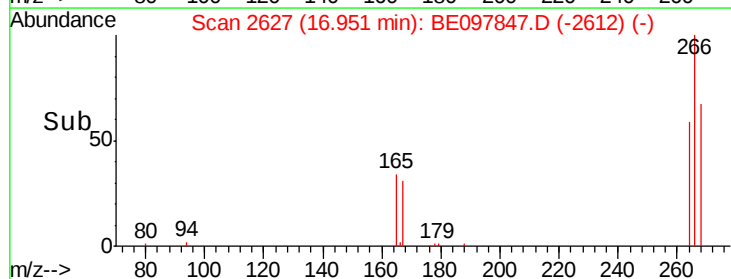
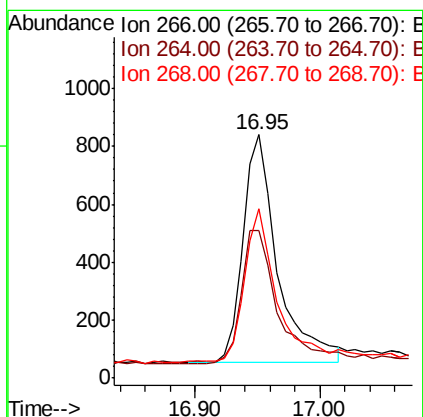
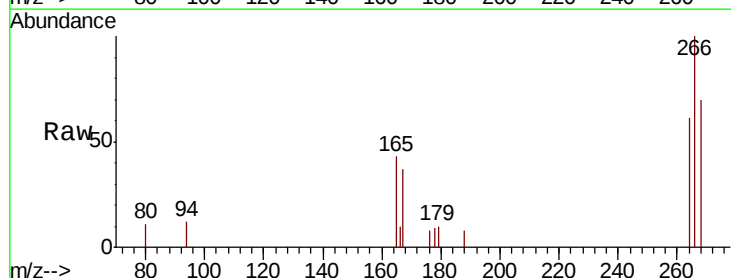
Tgt Ion:266 Resp: 1522

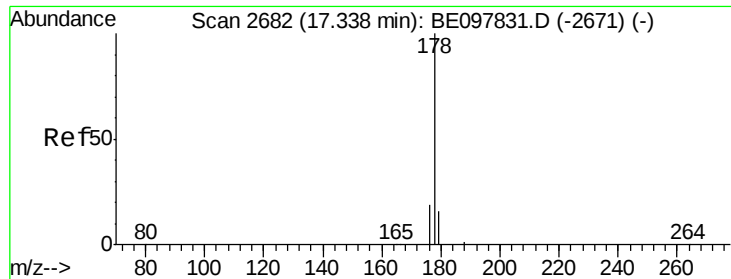
Ion Ratio Lower Upper

266 100

264 62.5 49.8 74.8

268 62.9 48.4 72.6





#12

Phenanthrene

Concen: 0.436 ng/ul

RT: 17.34 min Scan# 2682

Delta R.T. -0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

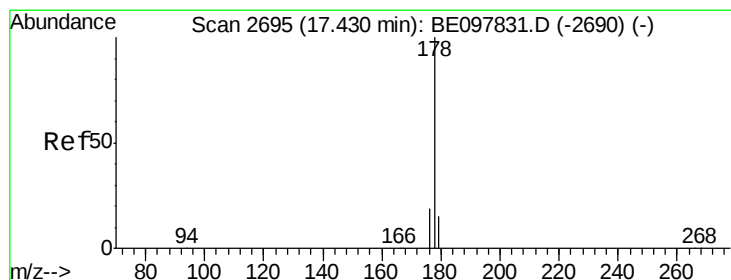
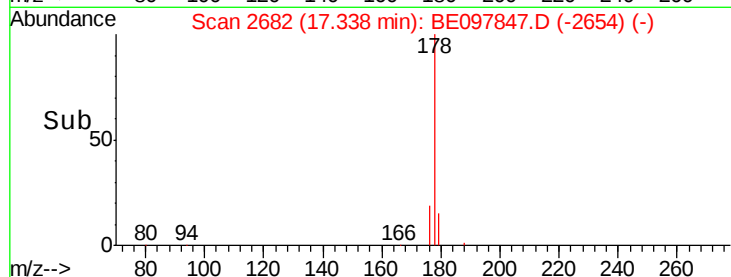
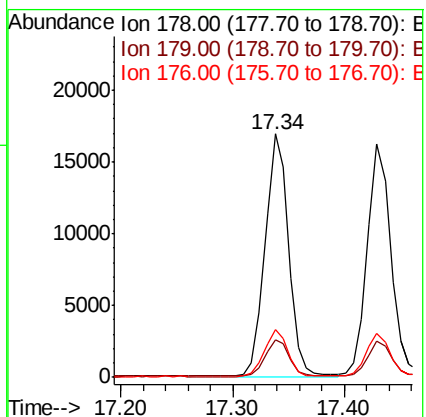
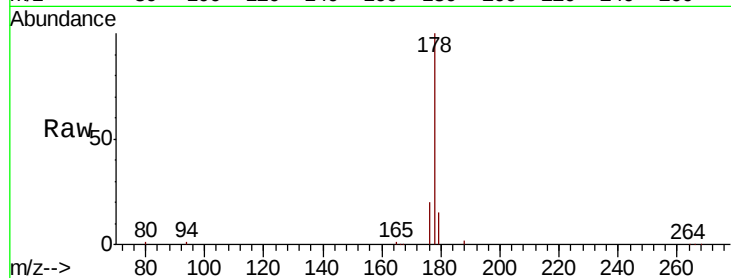
Tgt Ion:178 Resp: 24645

Ion Ratio Lower Upper

178 100

179 15.3 12.8 19.2

176 19.6 14.9 22.3



#13

Anthracene

Concen: 0.494 ng/ul

RT: 17.43 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

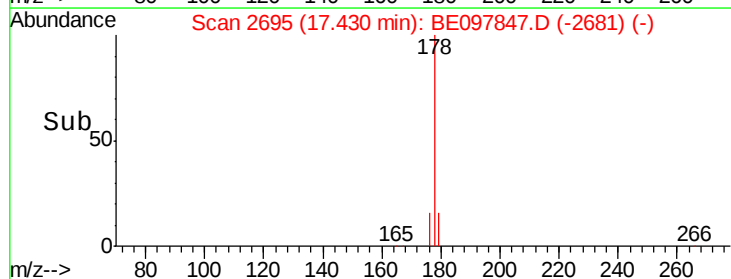
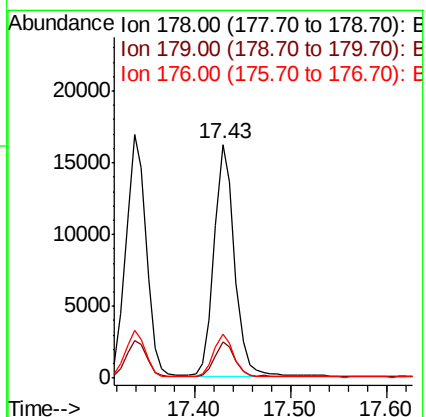
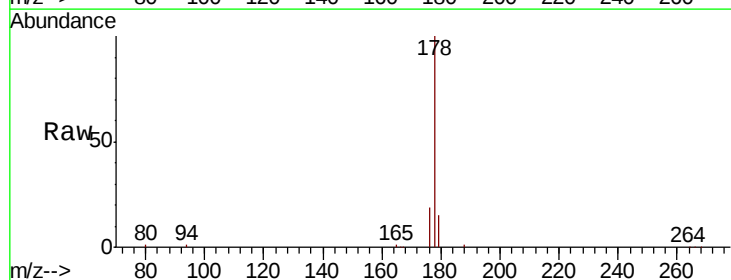
Tgt Ion:178 Resp: 23711

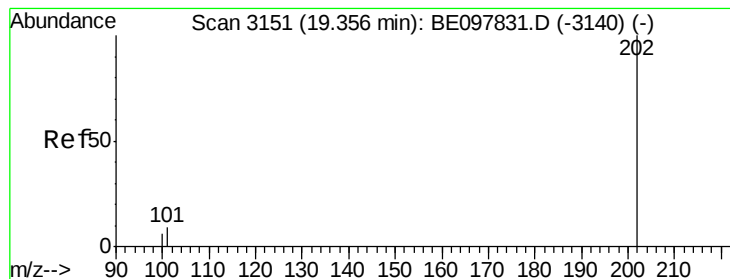
Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

176 18.9 15.5 23.3





#15

Fluoranthene

Concen: 0.441 ng/ul

RT: 19.36 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

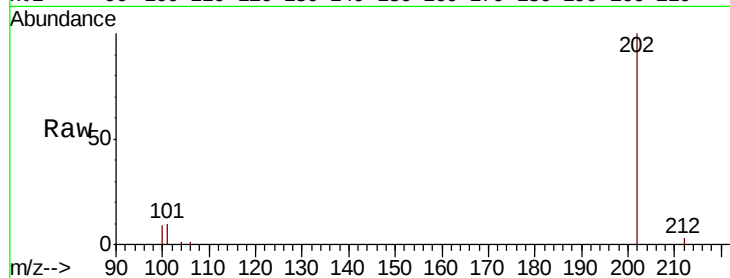
Tgt Ion:202 Resp: 32835

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

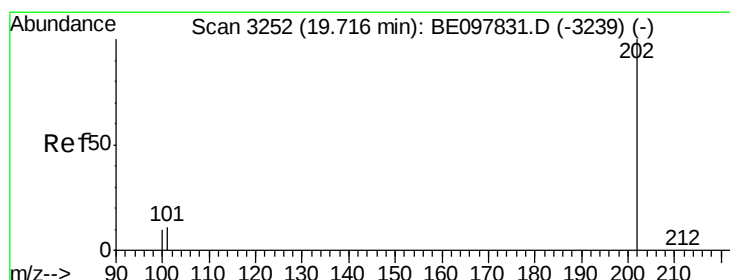
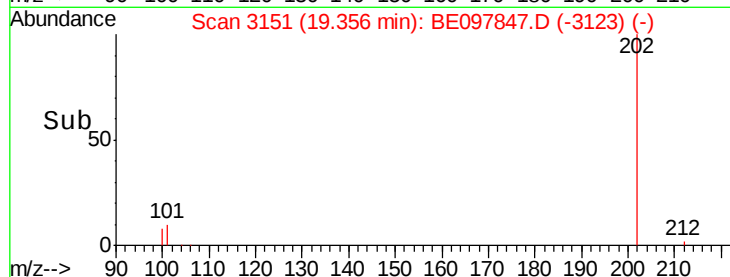
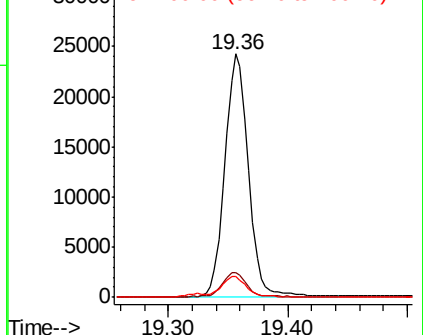
100 8.5 0.0 27.5



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: 0.486 ng/ul

RT: 19.72 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

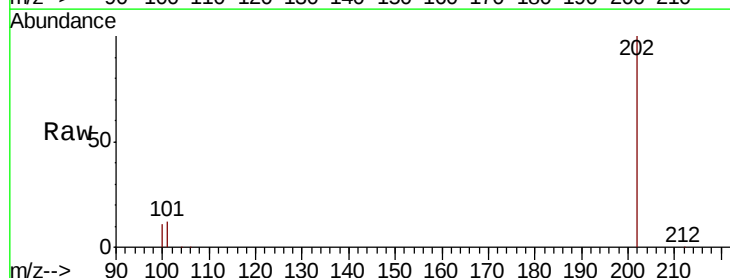
Tgt Ion:202 Resp: 42064

Ion Ratio Lower Upper

202 100

101 12.2 8.8 13.2

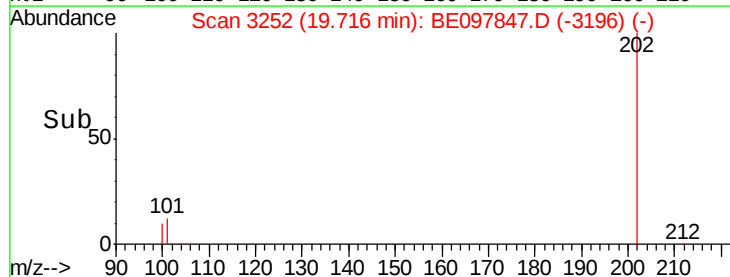
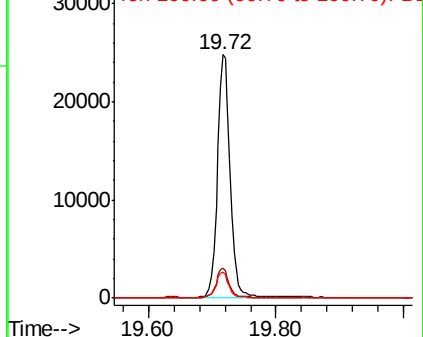
100 10.7 7.9 11.9

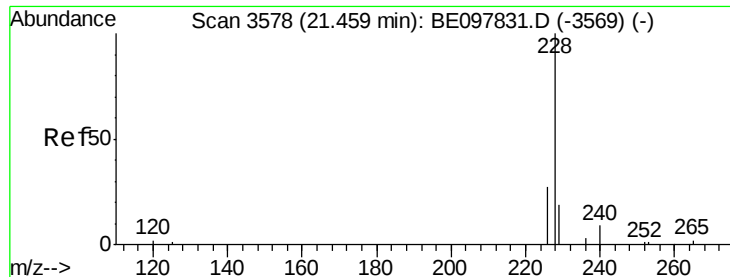


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.457 ng/ul

RT: 21.46 min Scan# 3578

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

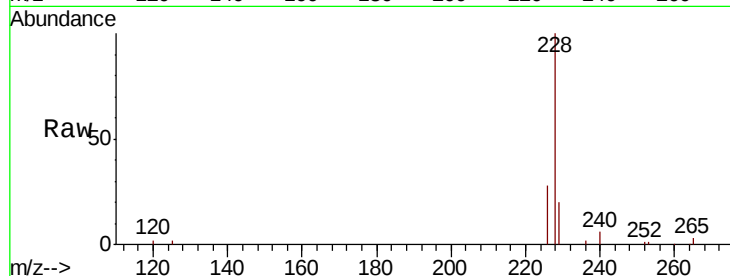
Tgt Ion:228 Resp: 44756

Ion Ratio Lower Upper

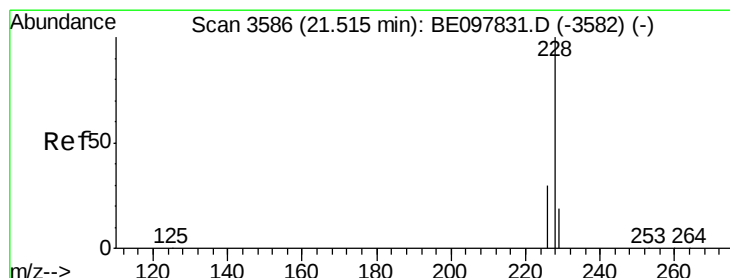
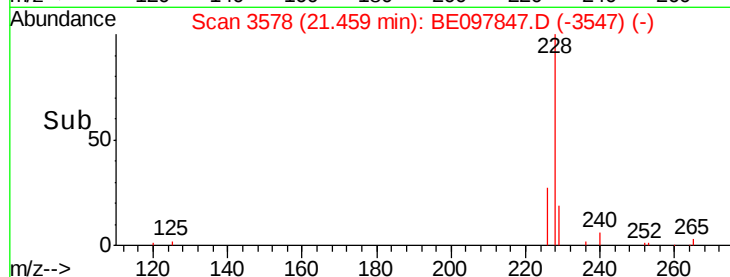
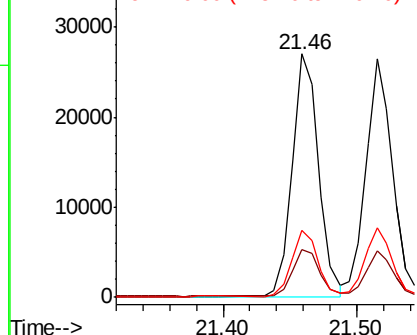
228 100

229 19.7 16.4 24.6

226 27.7 21.5 32.3



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: 0.396 ng/ul

RT: 21.52 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

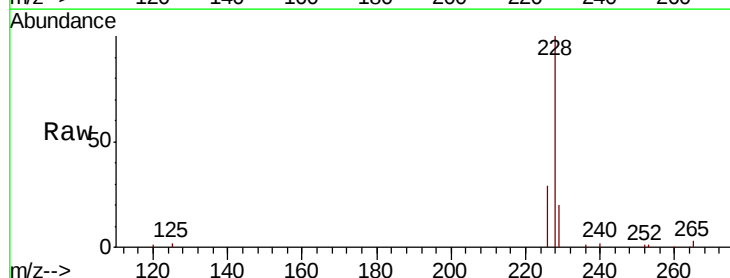
Tgt Ion:228 Resp: 37339

Ion Ratio Lower Upper

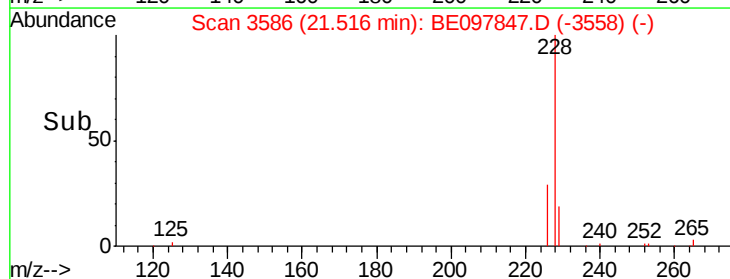
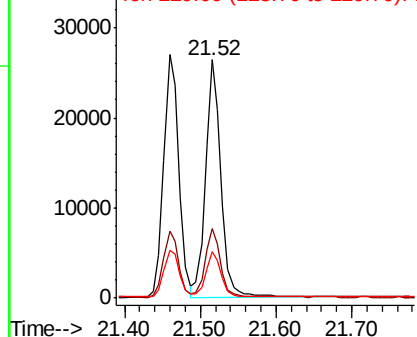
228 100

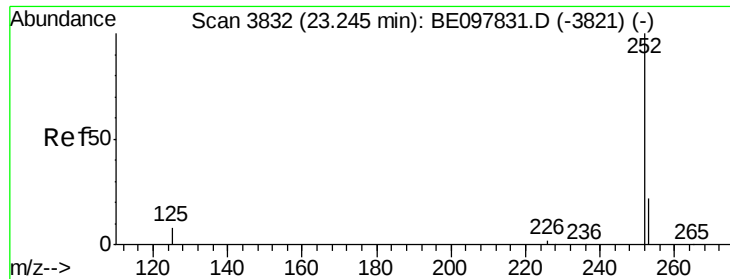
226 29.1 23.0 34.4

229 19.7 15.5 23.3



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: 0.468 ng/ul

RT: 23.25 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

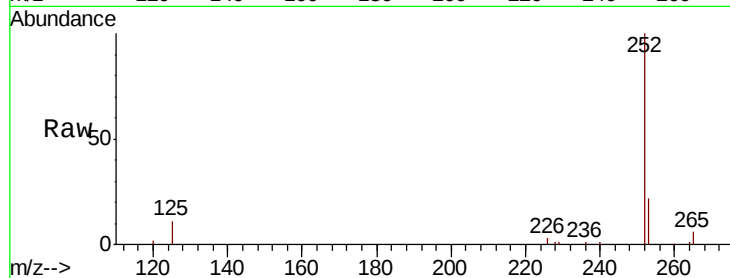
Tgt Ion:252 Resp: 35749

Ion Ratio Lower Upper

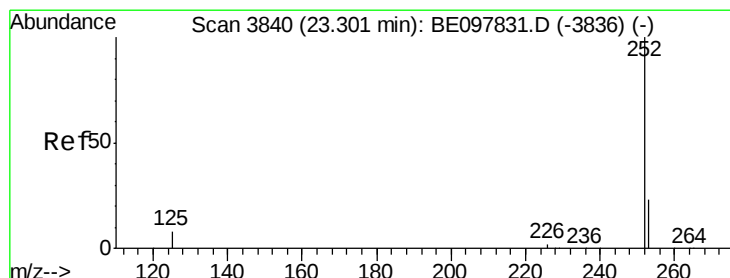
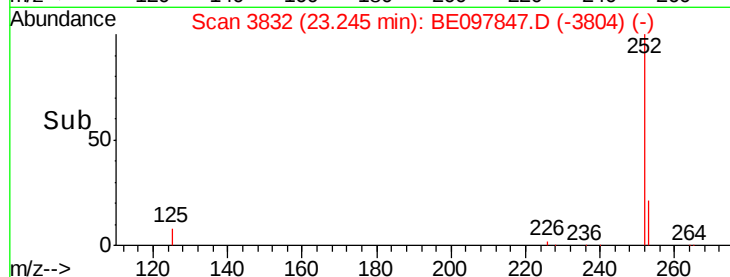
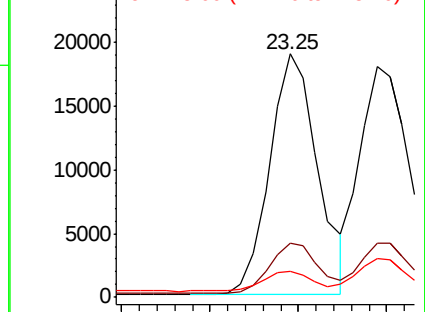
252 100

253 22.3 0.0 47.0

125 10.7 0.0 18.2



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



#22

Benzo(k)fluoranthene

Concen: 0.413 ng/ul

RT: 23.25 min Scan# 3832

Delta R.T. -0.06 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

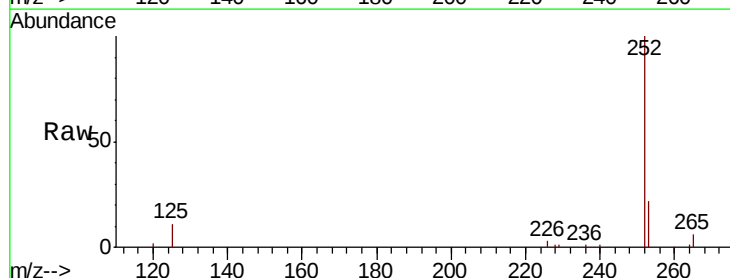
Tgt Ion:252 Resp: 35749

Ion Ratio Lower Upper

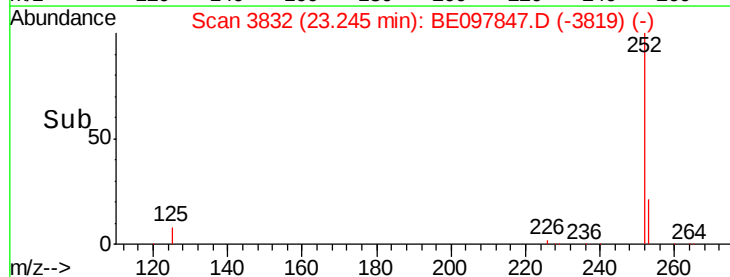
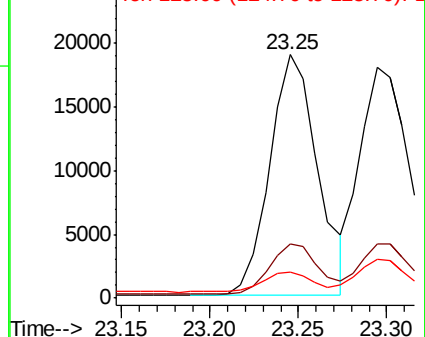
252 100

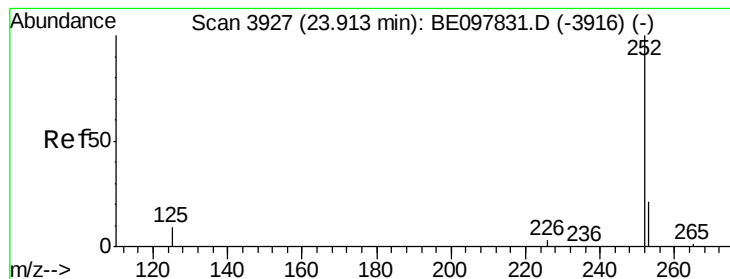
253 22.3 17.8 26.6

125 10.7 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: 0.498 ng/u1

RT: 23.91 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

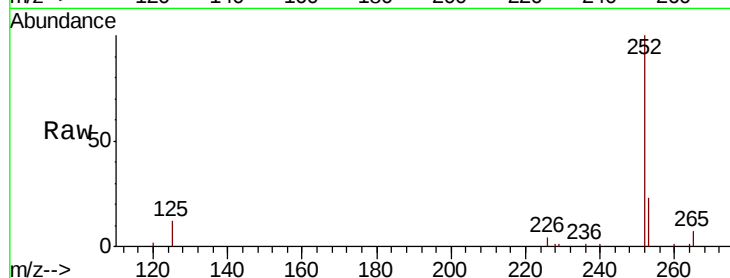
Tgt Ion:252 Resp: 34821

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 12.4 8.3 12.5

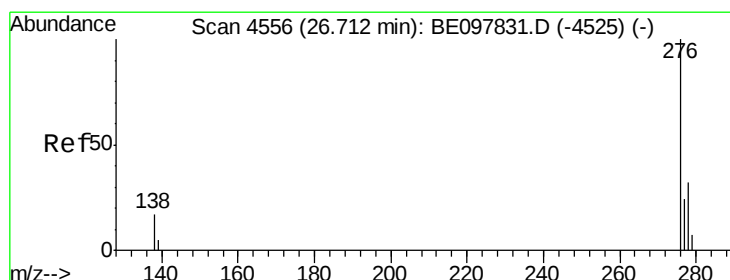
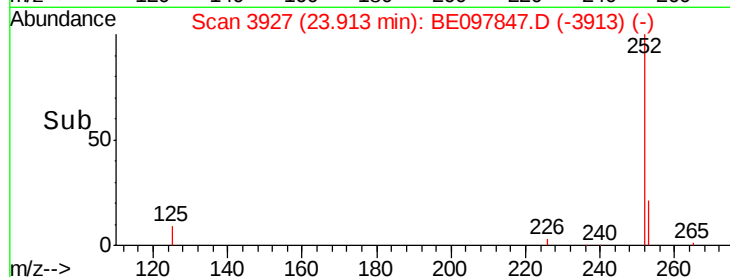
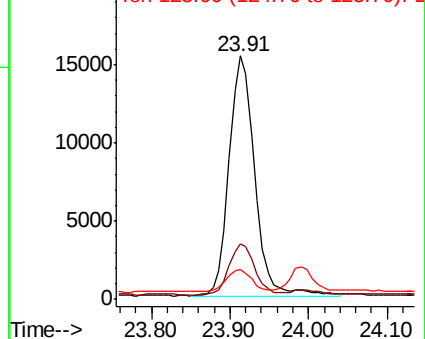


Abundance

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: 0.492 ng/u1

RT: 26.72 min Scan# 4557

Delta R.T. 0.00 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

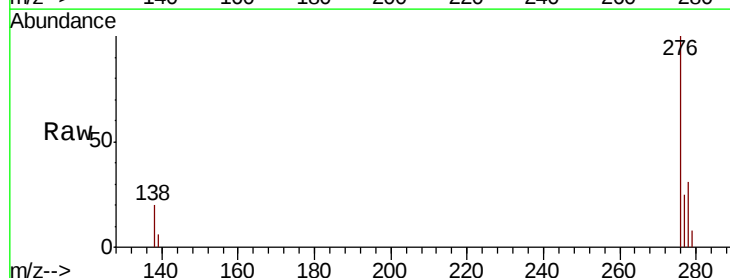
Tgt Ion:276 Resp: 39073

Ion Ratio Lower Upper

276 100

138 23.3 0.0 0.0#

227 0.0 0.0 0.0

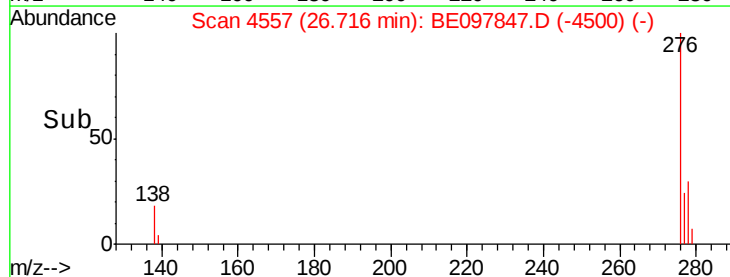
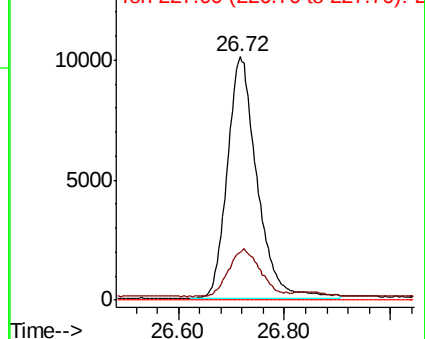


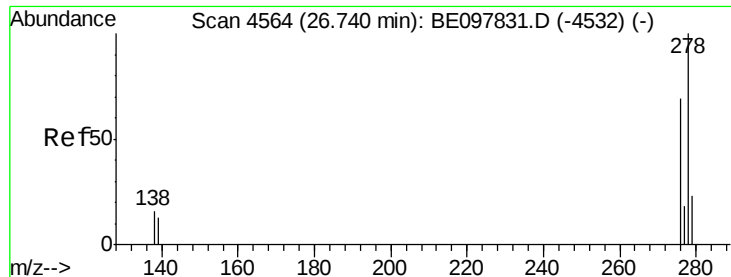
Abundance

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





#25

Dibenzo(a,h)anthracene

Concen: 0.489 ng/ul

RT: 26.75 min Scan# 4567

Delta R.T. 0.01 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

Instrument :

BNA_E

ClientSampleId :

SSTD0.443

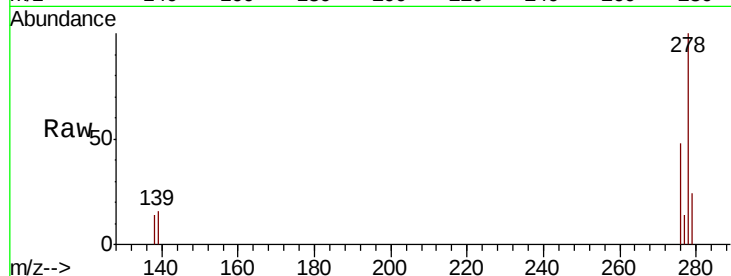
Tgt Ion:278 Resp: 32424

Ion Ratio Lower Upper

278 100

139 15.8 10.9 16.3

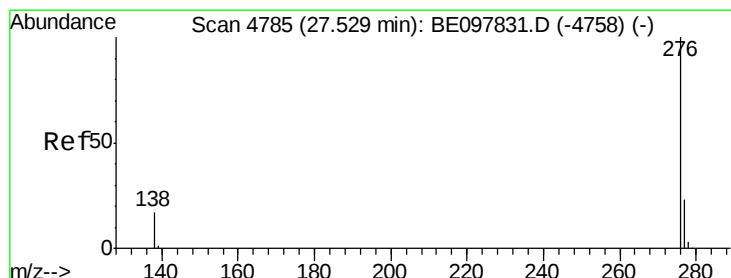
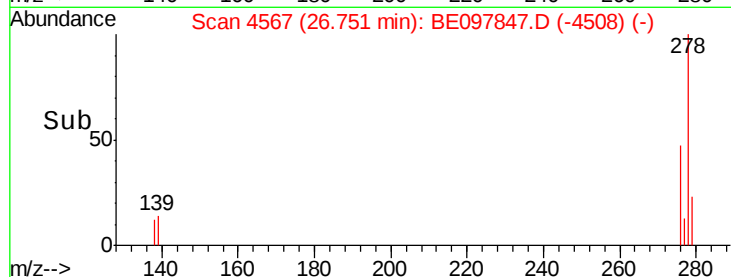
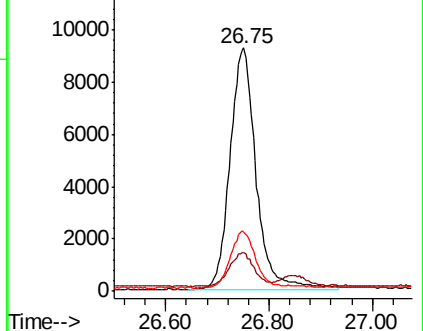
279 24.3 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.447 ng/ul

RT: 27.54 min Scan# 4788

Delta R.T. 0.01 min

Lab File: BE097847.D

Acq: 11 Oct 2018 4:54

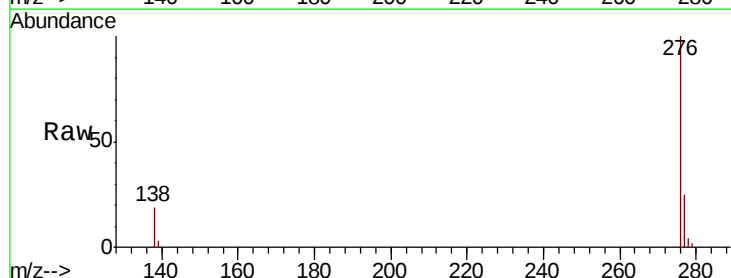
Tgt Ion:276 Resp: 33508

Ion Ratio Lower Upper

276 100

138 19.5 14.3 21.5

277 24.8 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

