

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095241.D
 Acq On : 29 Jan 2018 11:43
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP05

Quant Time: Jan 30 04:39:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

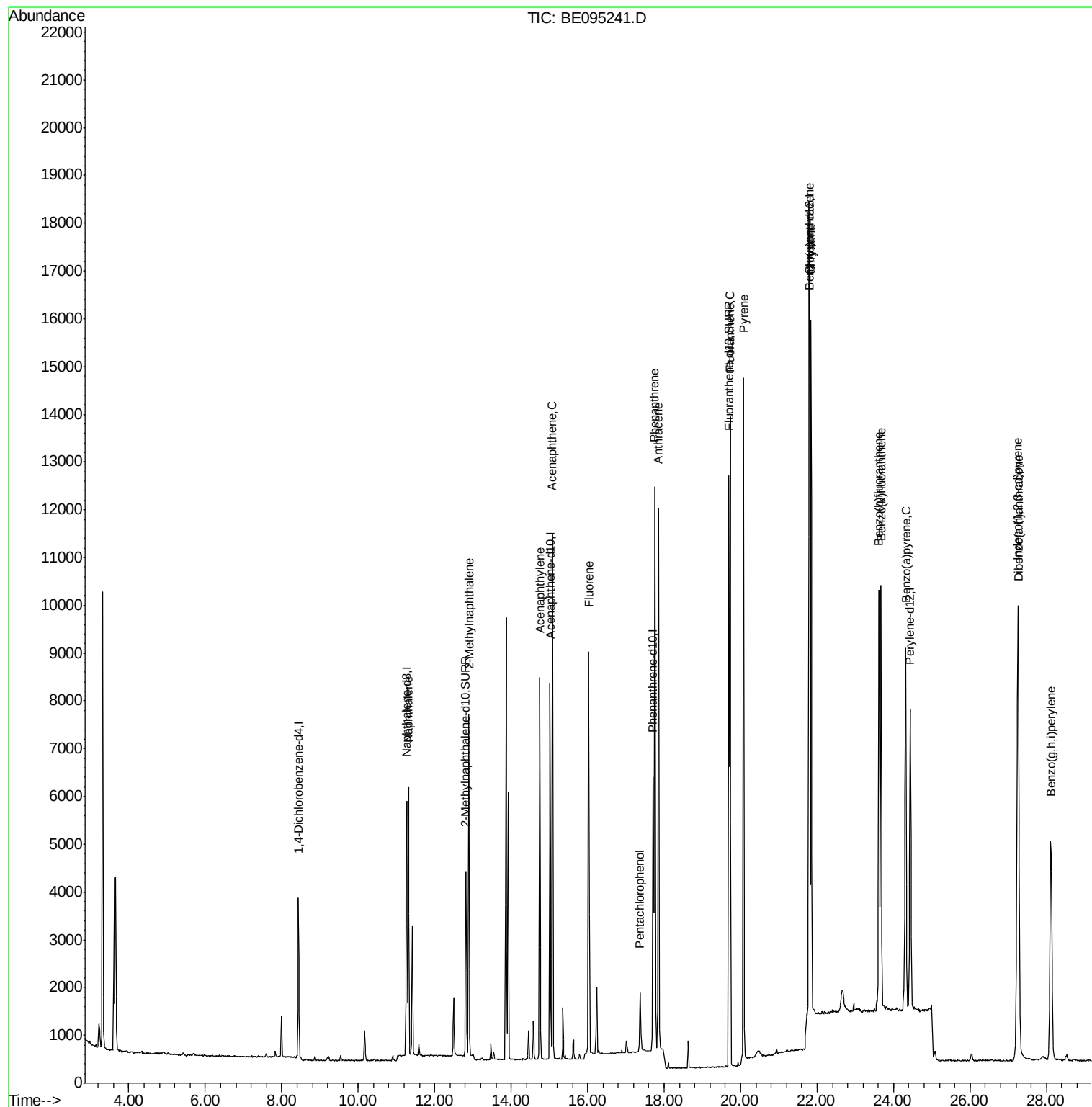
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2400	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7232	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4482	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9386	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10381	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9919	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5058	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	13745	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	8162	0.403	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	5754	0.426	ng/ul	99
7) Acenaphthylene	14.75	152	9040	0.419	ng/ul	97
8) Acenaphthene	15.08	153	6610	0.395	ng/ul	93
9) Fluorene	16.03	166	6881	0.399	ng/ul#	75
11) Pentachlorophenol	17.36	266	829	0.456	ng/ul	97
12) Phenanthrene	17.75	178	13401	0.425	ng/ul#	88
13) Anthracene	17.85	178	13022	0.451	ng/ul#	92
15) Fluoranthene	19.73	202	15191	0.372	ng/ul	81
17) Pyrene	20.08	202	15198	0.436	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	14251	0.439	ng/ul#	86
19) Chrysene	21.84	228	13542	0.402	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	12939	0.370	ng/ul	86
22) Benzo(k)fluoranthene	23.67	252	12782	0.399	ng/ul#	87
23) Benzo(a)pyrene	24.32	252	12662	0.405	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.25	276	14123	0.412	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.27	278	11472	0.409	ng/ul#	90
26) Benzo(g,h,i)perylene	28.12	276	11806	0.407	ng/ul	94

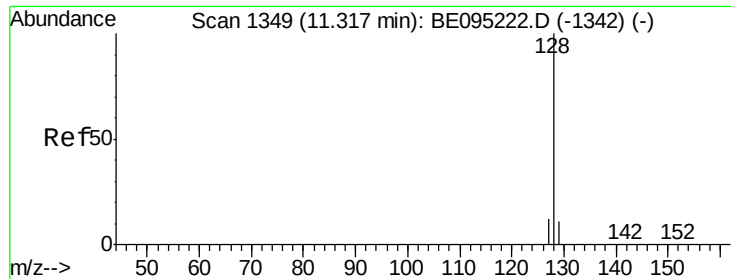
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095241.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jan 30 04:39:47 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

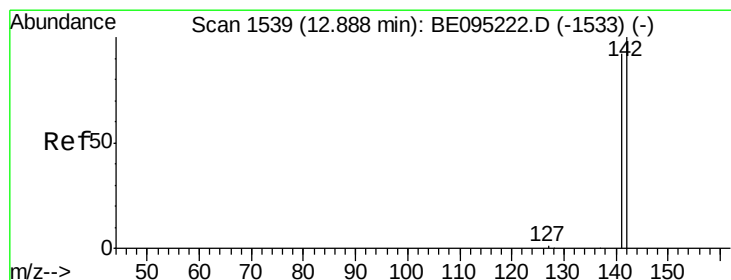
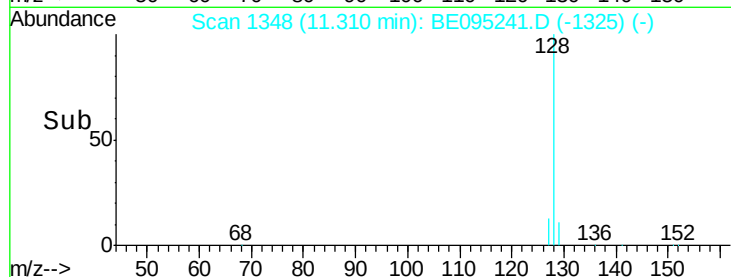
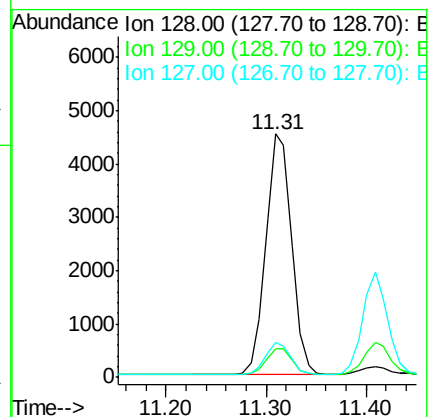
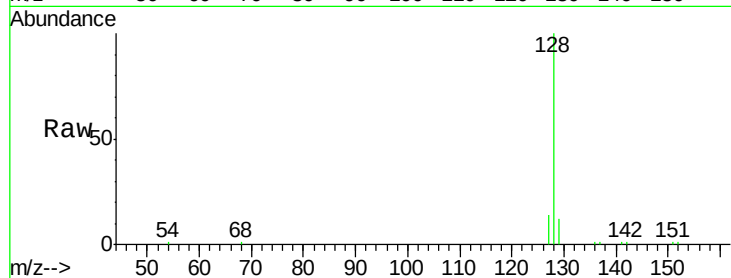
Tot Ion:128 Resp: 8162

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

127 14.2 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.426 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095241.D

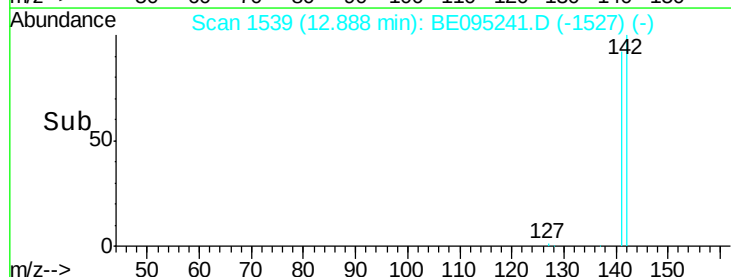
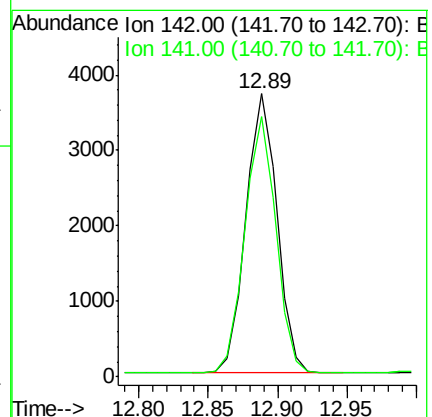
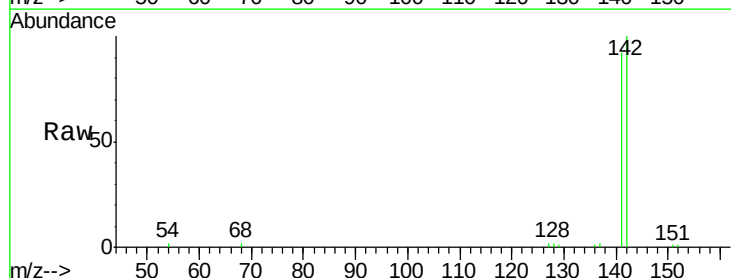
Acq: 29 Jan 2018 11:43

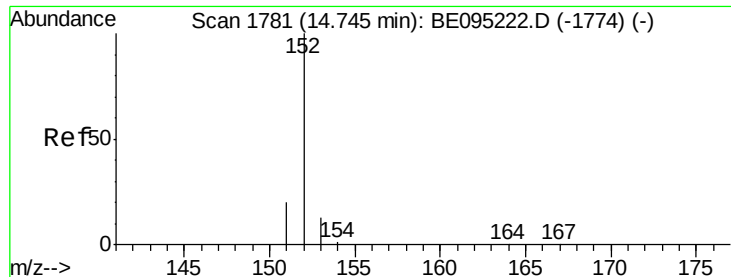
Tgt Ion:142 Resp: 5754

Ion Ratio Lower Upper

142 100

141 91.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.419 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

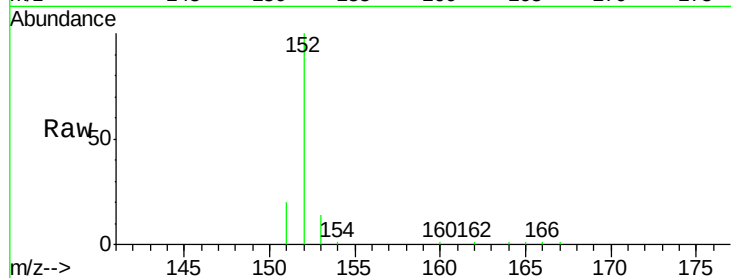
Tot Ion:152 Resp: 9040

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

153 13.9 12.8 19.2



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

8000

6000

4000

2000

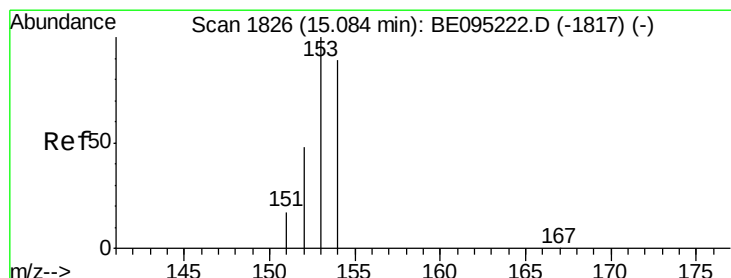
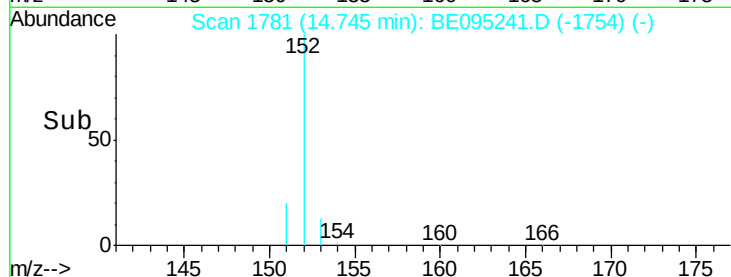
0

14.75

14.60

14.80

Time-->



#8

Acenaphthene

Concen: 0.395 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

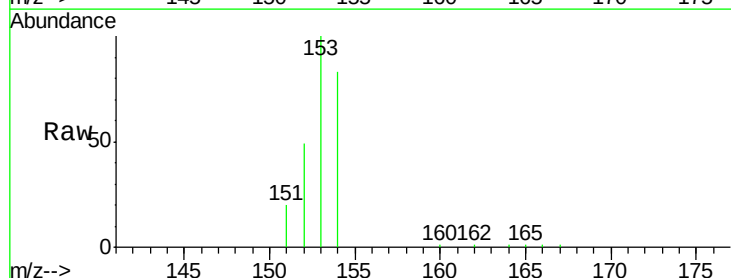
Tgt Ion:153 Resp: 6610

Ion Ratio Lower Upper

153 100

152 49.0 36.0 54.0

154 83.5 72.0 108.0



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

6000

5000

4000

3000

2000

1000

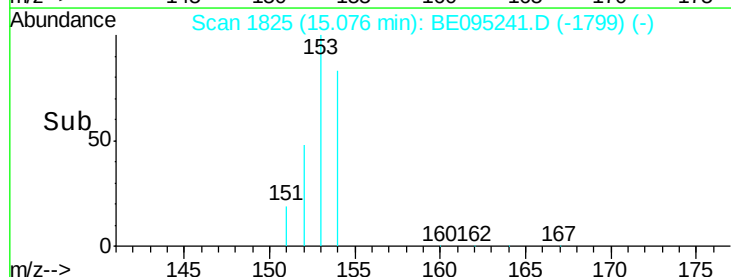
0

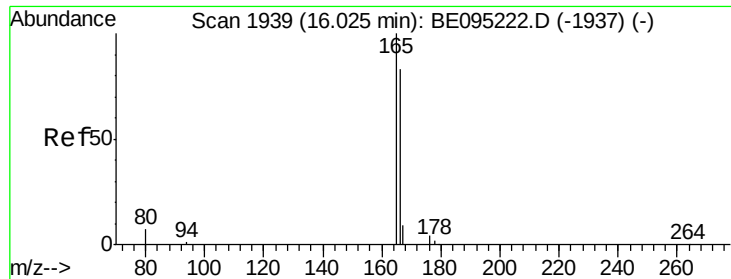
15.08

15.00

15.10

Time-->





#9

Fluorene

Concen: 0.399 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

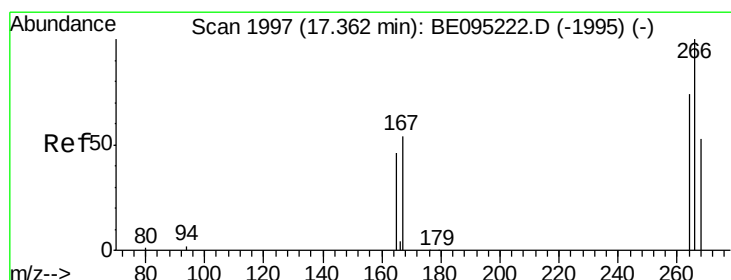
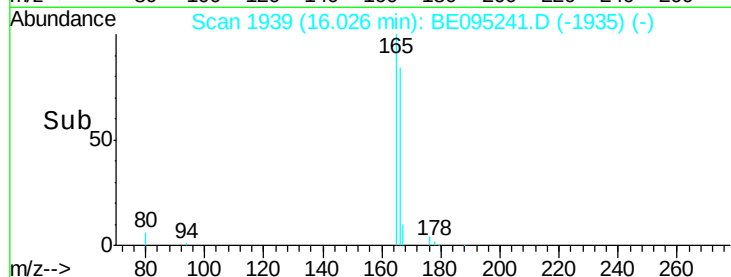
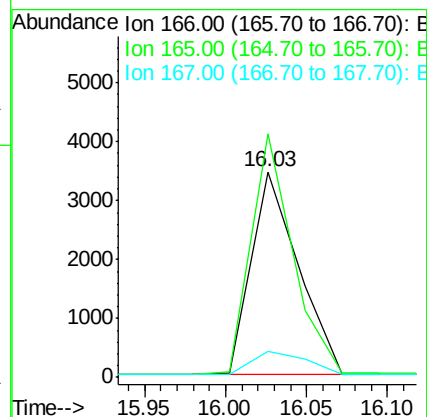
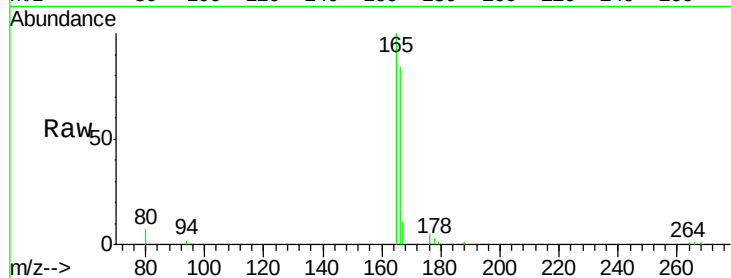
Tot Ion:166 Resp: 6881

Ion Ratio Lower Upper

166 100

165 118.4 73.4 110.2#

167 12.6 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.456 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

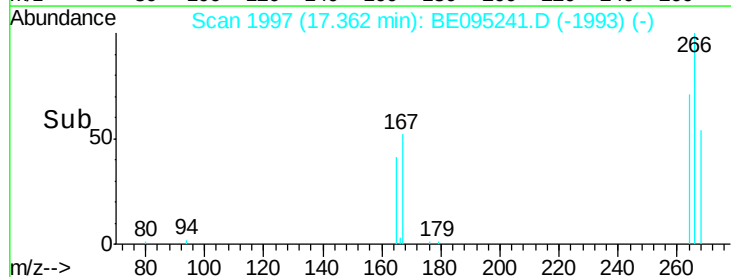
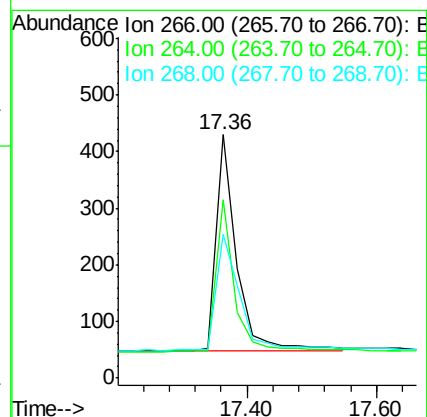
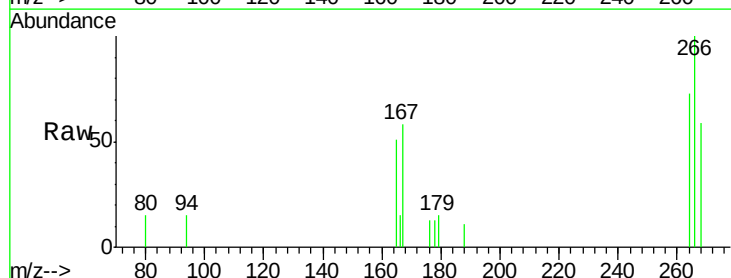
Tgt Ion:266 Resp: 829

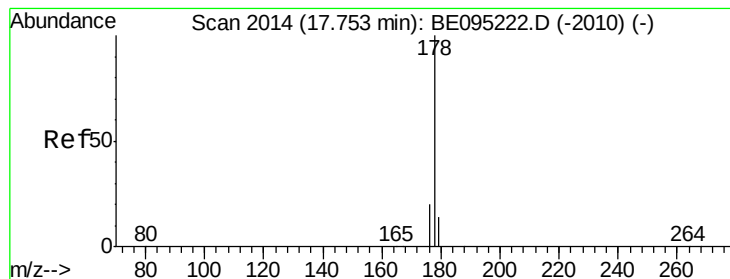
Ion Ratio Lower Upper

266 100

264 64.2 47.9 71.9

268 61.5 49.8 74.8





#12

Phenanthrene

Concen: 0.425 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

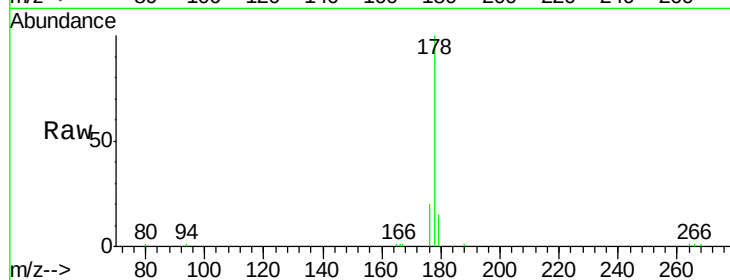
Tot Ion:178 Resp: 13401

Ion Ratio Lower Upper

178 100

179 15.0 18.4 27.6#

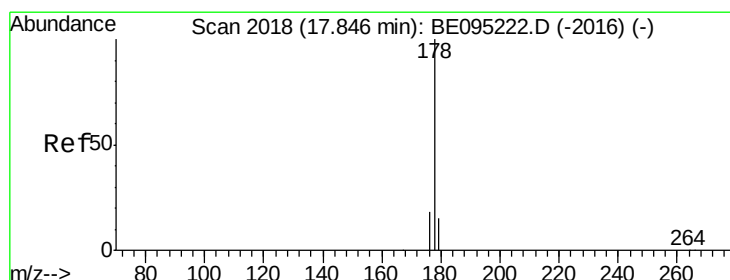
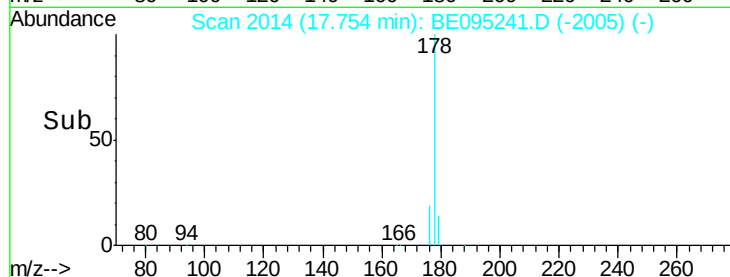
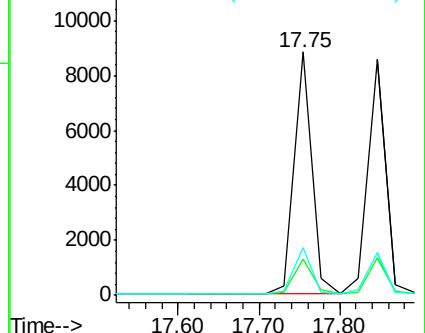
176 19.8 13.6 20.4



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



#13

Anthracene

Concen: 0.451 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

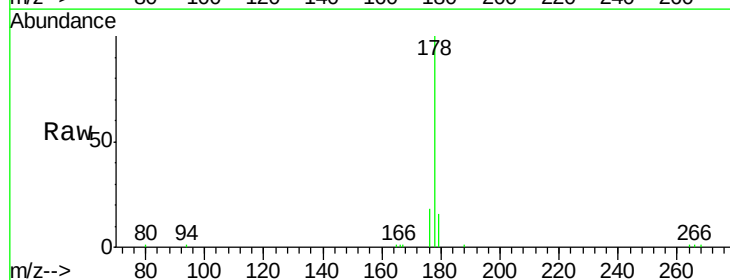
Tgt Ion:178 Resp: 13022

Ion Ratio Lower Upper

178 100

179 15.9 18.1 27.1#

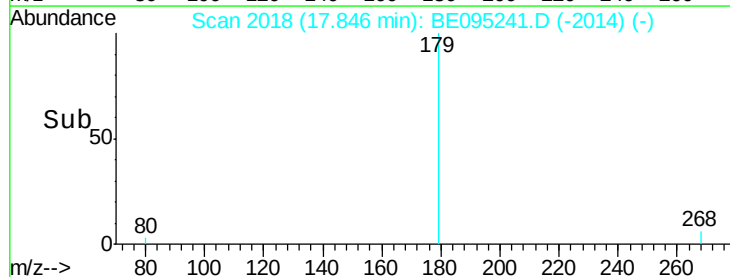
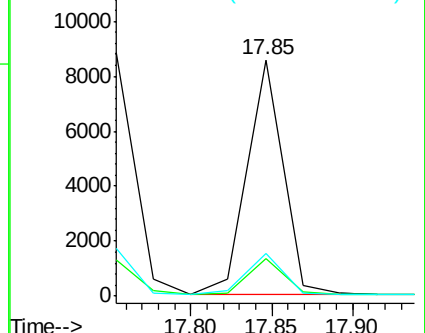
176 18.2 14.7 22.1

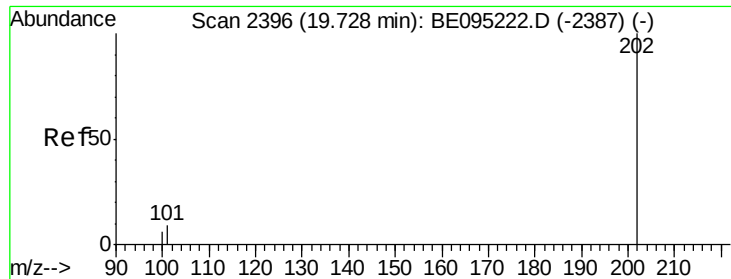


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.372 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

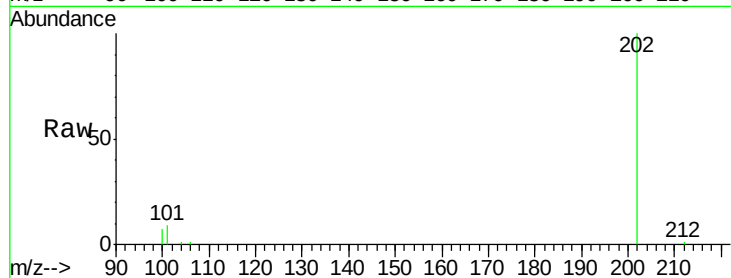
Tot Ion:202 Resp: 15191

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.3

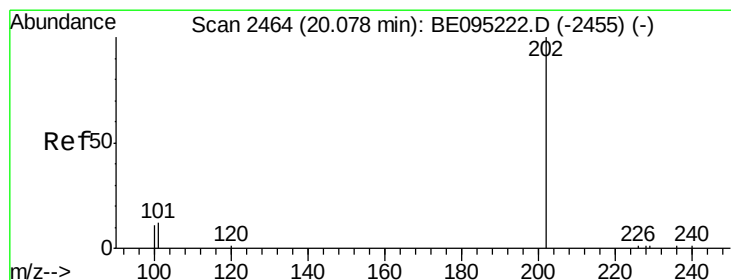
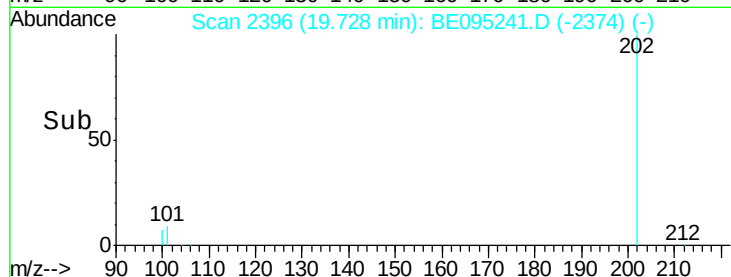
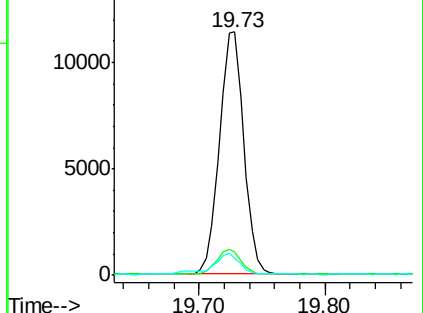
100 7.2 0.0 39.5



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: 0.436 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

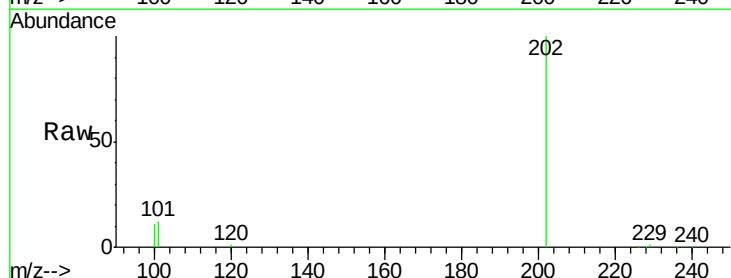
Tgt Ion:202 Resp: 15198

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

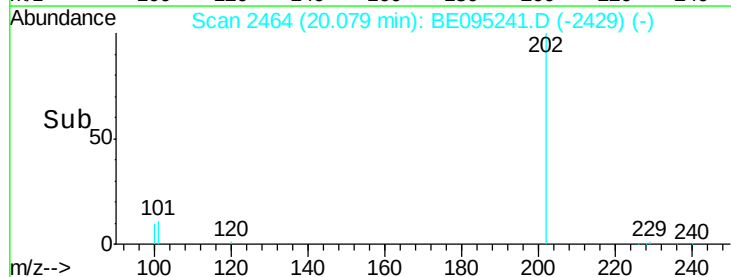
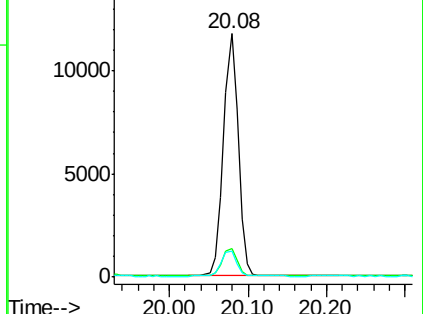
100 10.7 15.6 23.4#

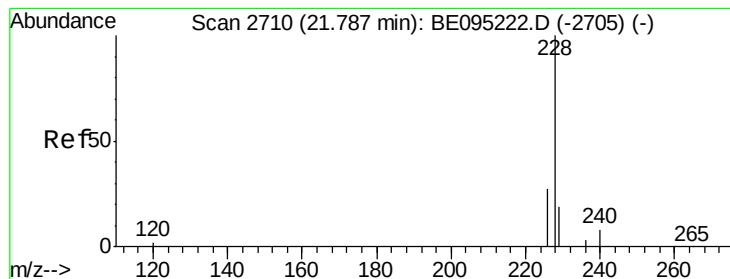


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.439 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

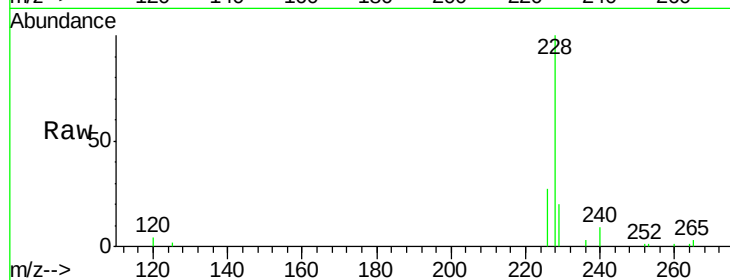
Tot Ion:228 Resp: 14251

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

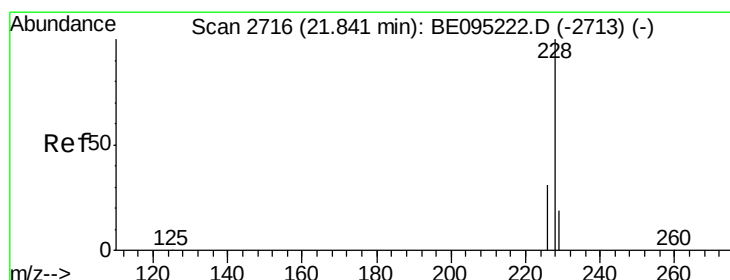
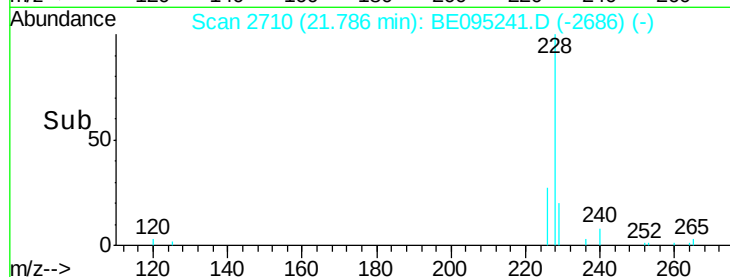
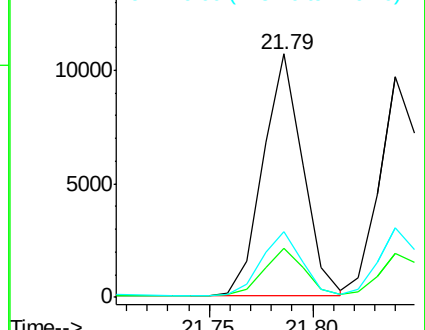
226 27.2 17.0 25.6#



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: 0.402 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

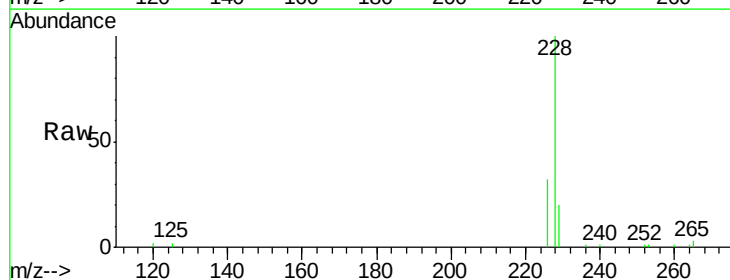
Tgt Ion:228 Resp: 13542

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

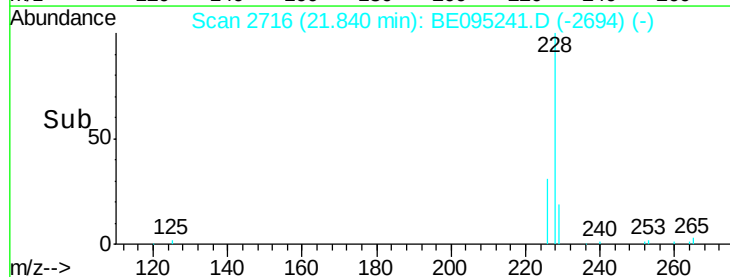
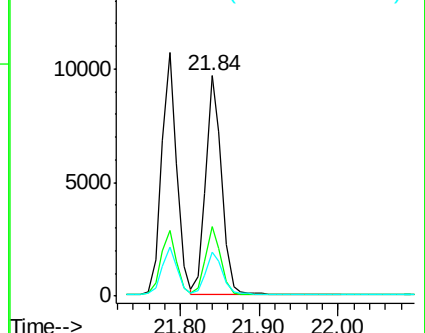
229 19.8 17.7 26.5

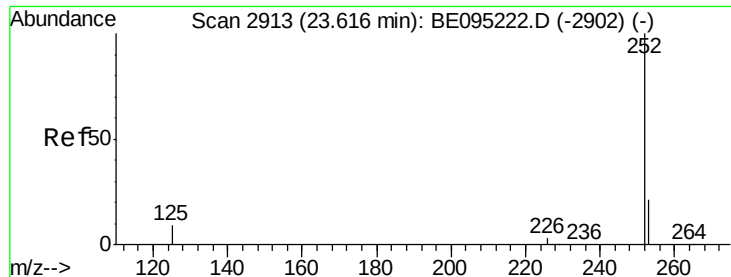


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.370 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

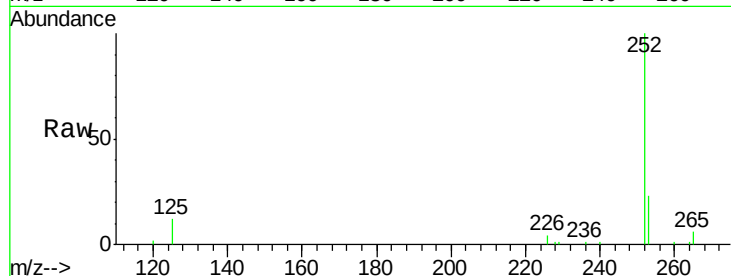
Tot Ion:252 Resp: 12939

Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

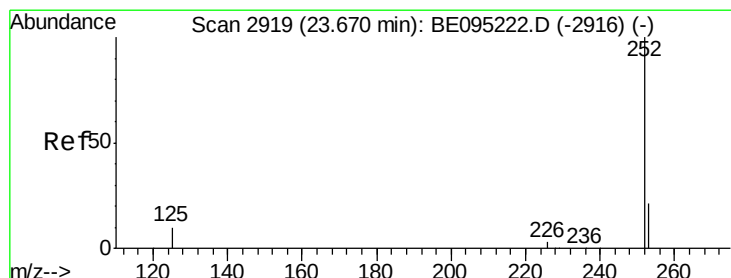
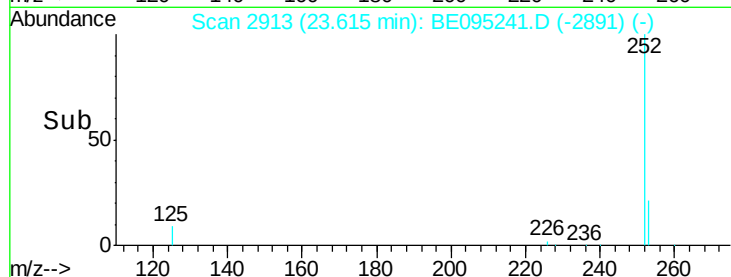
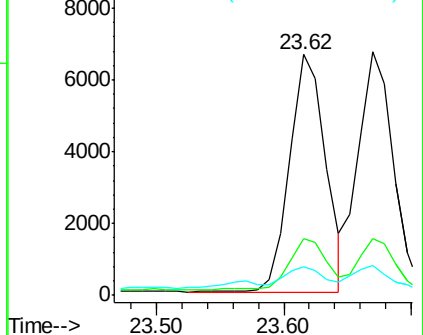
125 12.1 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.399 ng/ul

RT: 23.67 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

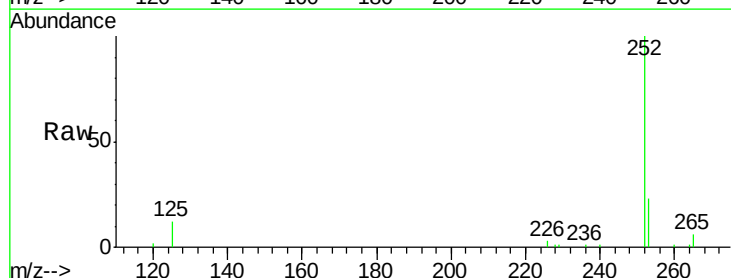
Tgt Ion:252 Resp: 12782

Ion Ratio Lower Upper

252 100

253 23.4 24.5 36.7#

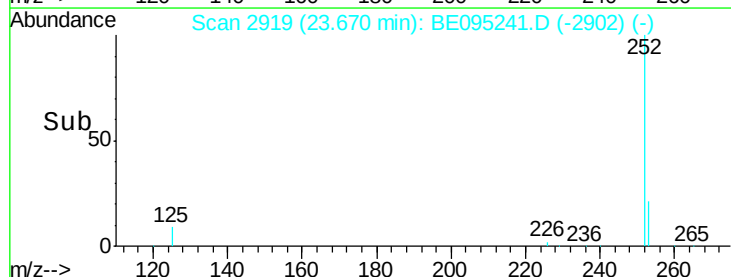
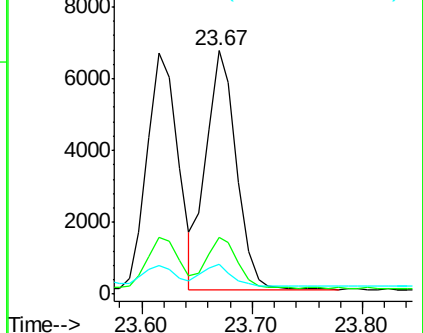
125 12.1 13.7 20.5#

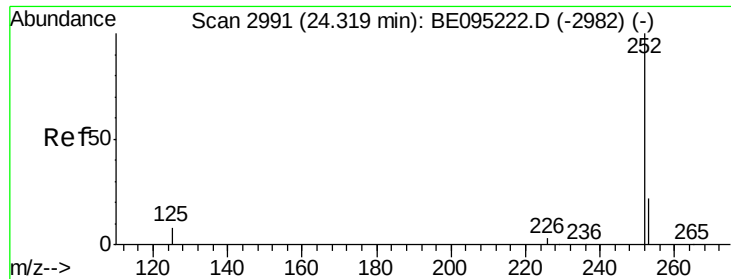


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

Instrument :

BNA_E

ClientSampleId :

DFTPP05

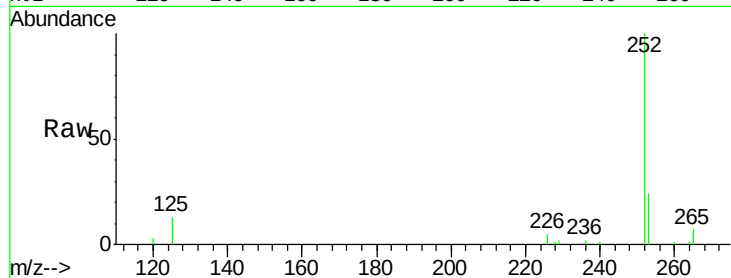
Tot Ion:252 Resp: 12662

Ion Ratio Lower Upper

252 100

253 24.5 28.5 42.7#

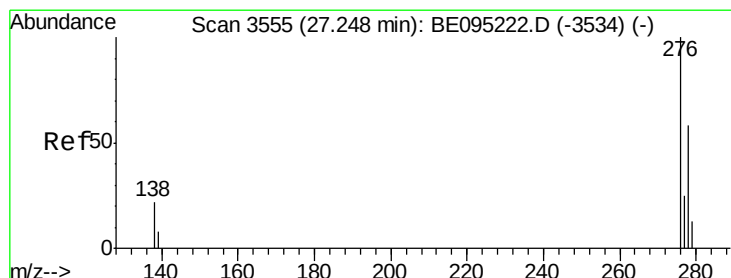
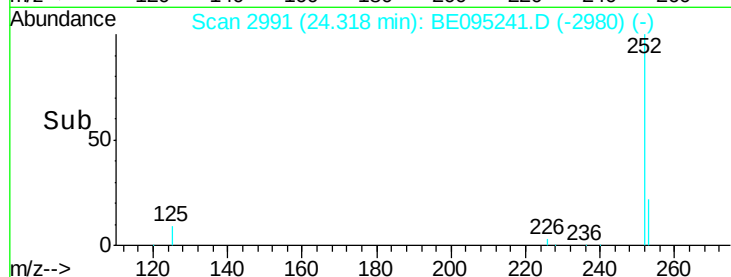
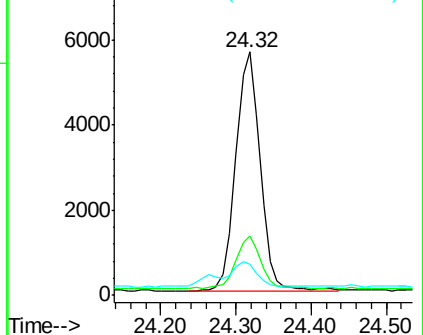
125 13.0 18.1 27.1#



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: 0.412 ng/ul

RT: 27.25 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BE095241.D

Acq: 29 Jan 2018 11:43

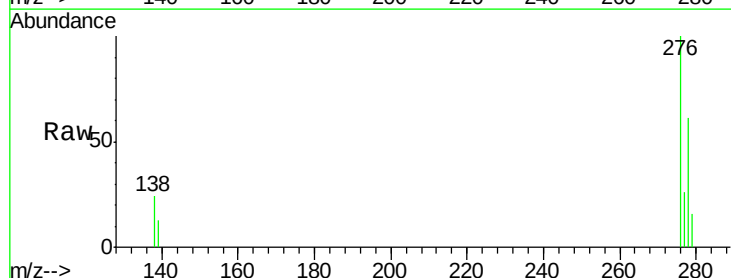
Tgt Ion:276 Resp: 14123

Ion Ratio Lower Upper

276 100

138 23.7 28.0 42.0#

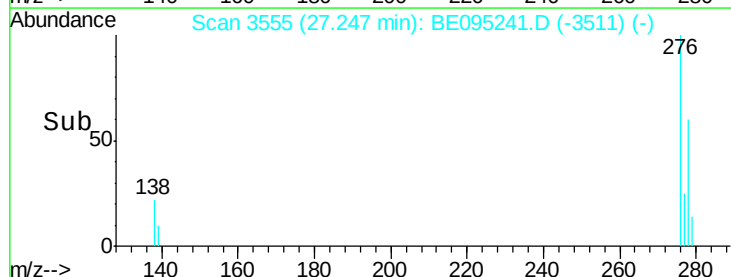
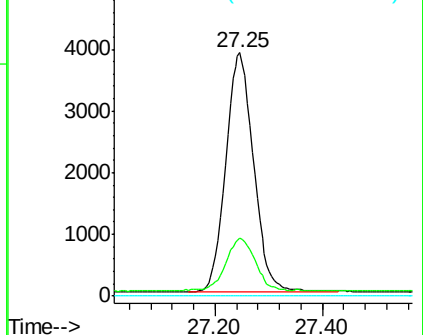
227 0.0 8.0 12.0#

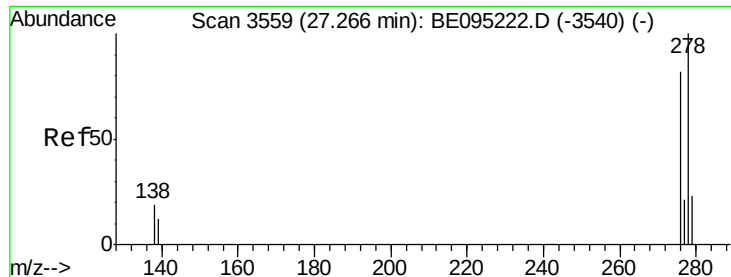


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



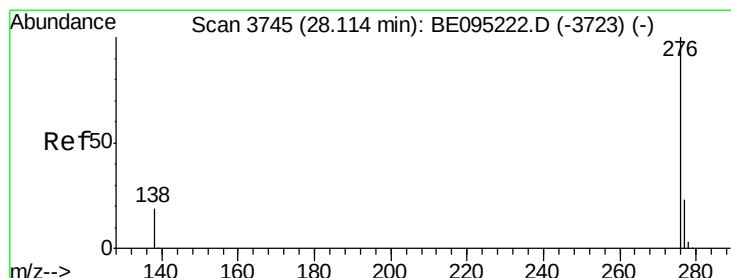
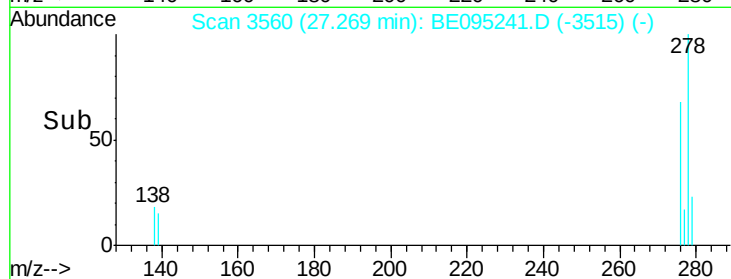
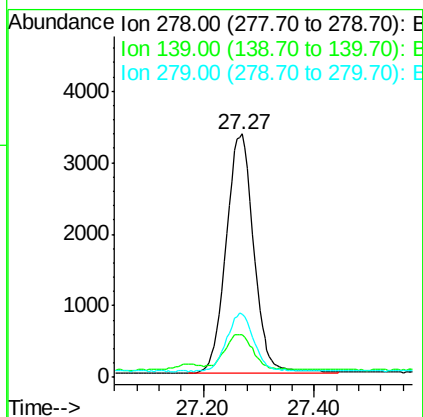
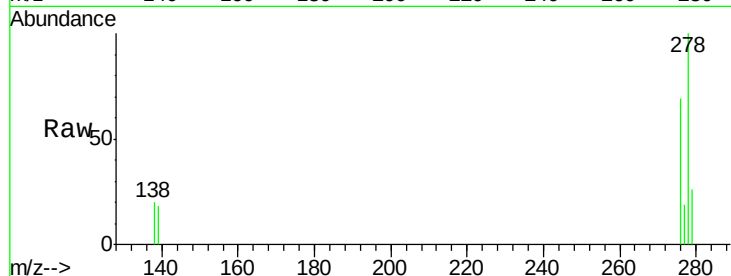


#25
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 27.27 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BE095241.D
Acq: 29 Jan 2018 11:43

Instrument :
BNA_E
ClientSampleId :
DFTPP05

Tot Ion:278 Resp: 11472

Ion	Ratio	Lower	Upper
278	100		
139	17.6	17.4	26.0
279	25.9	25.9	38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 28.12 min Scan# 3746
Delta R.T. 0.00 min
Lab File: BE095241.D
Acq: 29 Jan 2018 11:43

Tgt Ion:276 Resp: 11806

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.8	32.8
277	24.2	20.5	30.7

