

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
 Data File : BE097713.D
 Acq On : 3 Oct 2018 13:26
 Operator : SJ/JU
 Sample : J4870-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RR-PAH-WP

Quant Time: Oct 03 14:26:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5128	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	19038	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9744	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	24409	0.40	ng	0.00
27) Chrysene-d12	21.49	240	36701	0.40	ng	0.00
34) Perylene-d12	24.04	264	41509	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	4453	0.37	ng	0.00
5) Phenol-d6	7.04	99	5873	0.32	ng	0.00
8) Nitrobenzene-d5	9.04	82	2466	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	10258	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	536	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	16039	0.37	ng	0.00
25) Fluoranthene-d10	19.33	212	114870	0.37	ng	0.00
29) Terphenyl-d14	19.93	244	26497	0.35	ng	0.00

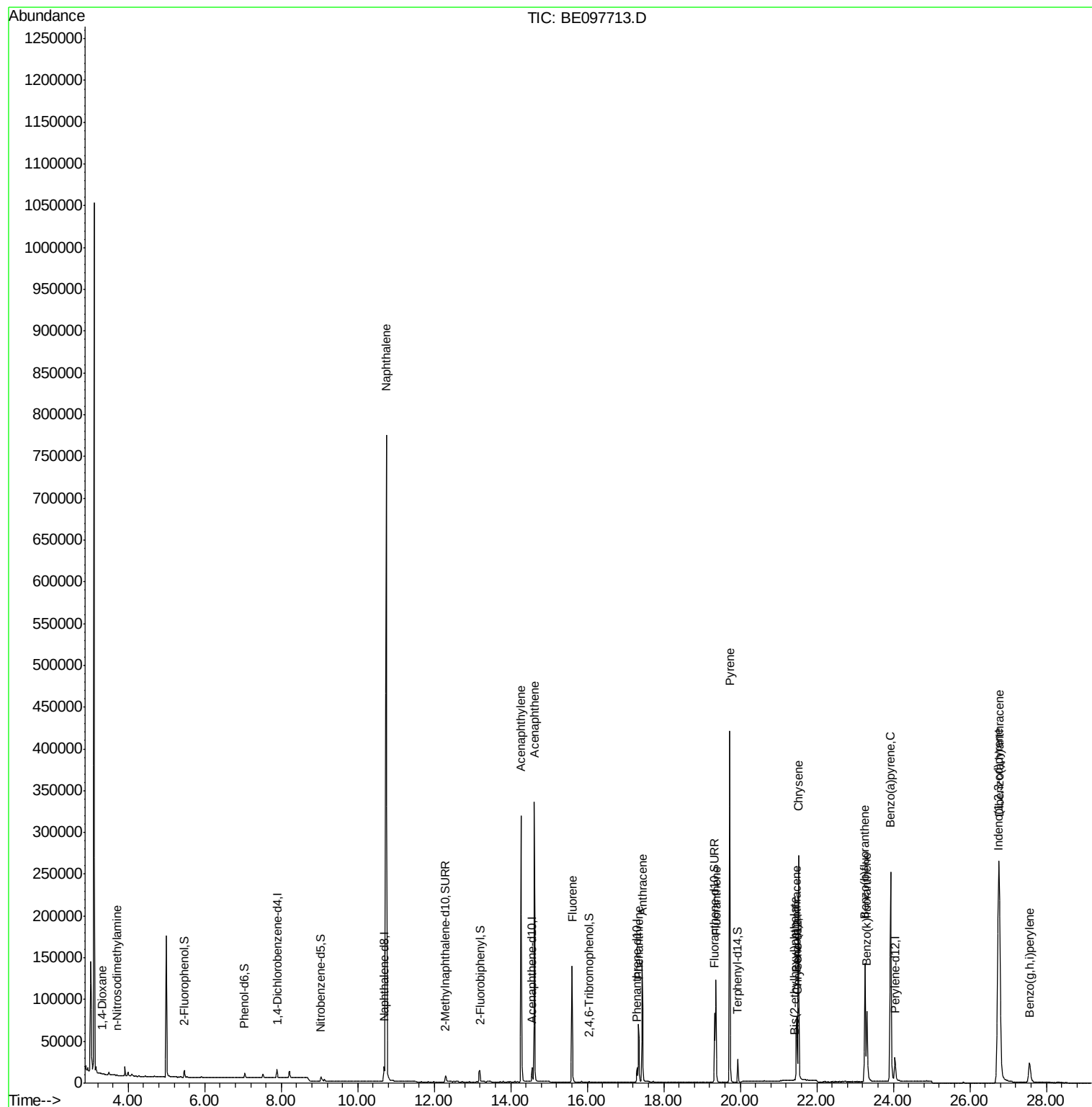
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	279	0.027	ng	# 14
3) n-Nitrosodimethylamine	3.70	42	327	0.035	ng	# 14
9) Naphthalene	10.74	128	1236817	6.446	ng	100
16) Acenaphthylene	14.27	152	368124	8.531	ng	99
17) Acenaphthene	14.62	154	169152	6.120	ng	97
18) Fluorene	15.60	166	111872	3.048	ng	99
23) Phenanthrene	17.34	178	75494	1.200	ng	100
24) Anthracene	17.43	178	154542	2.846	ng	99
26) Fluoranthene	19.36	202	112061	1.398	ng	99
28) Pyrene	19.72	202	359697	3.857	ng	100
30) Benzo(a)anthracene	21.48	228	66210	0.671	ng	99
31) Chrysene	21.52	228	228901	2.075	ng	100
32) Bis(2-ethylhexyl)phthalate	21.42	149	1894	0.026	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.74	276	475614	4.965	ng	98
35) Benzo(b)fluoranthene	23.26	252	205941	1.808	ng	99
36) Benzo(k)fluoranthene	23.31	252	138581	1.097	ng	99
37) Benzo(a)pyrene	23.93	252	415788	4.032	ng	99
38) Dibenzo(a,h)anthracene	26.77	278	418284	4.118	ng	99
39) Benzo(g,h,i)perylene	27.56	276	67155	0.632	ng	99

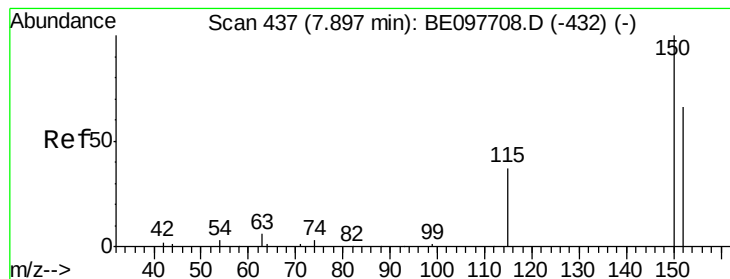
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097713.D
Acq On : 3 Oct 2018 13:26
Operator : SJ/JU
Sample : J4870-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
RR-PAH-WP

Quant Time: Oct 03 14:26:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



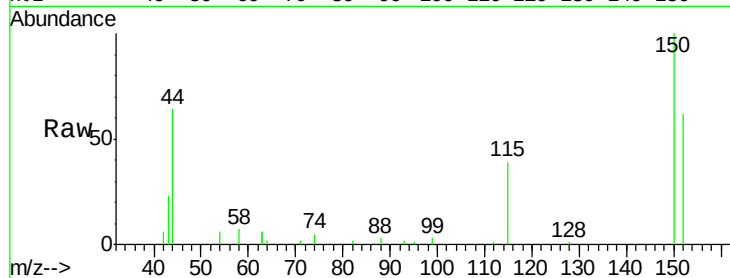


#1

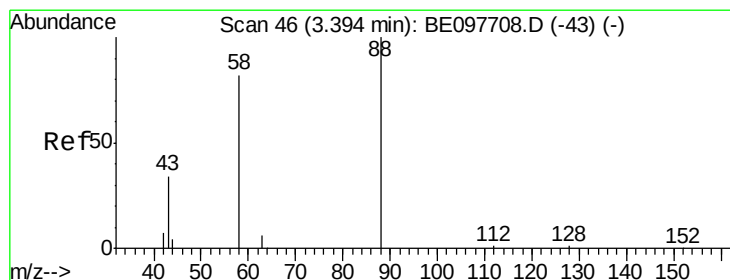
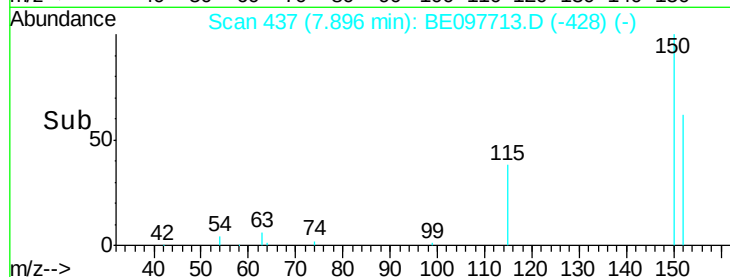
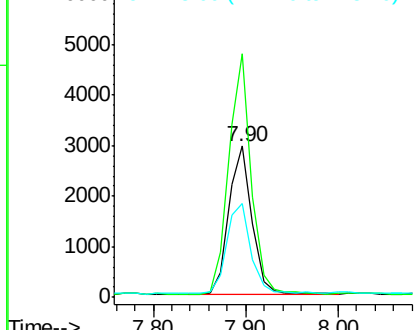
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097713.D
Acq: 3 Oct 2018 13:26

Instrument :
BNA_E
ClientSampleId :
RR-PAH-WP

Tgt Ion:152 Resp: 5128
Ion Ratio Lower Upper
152 100
150 160.9 120.9 181.3
115 62.4 46.6 69.8



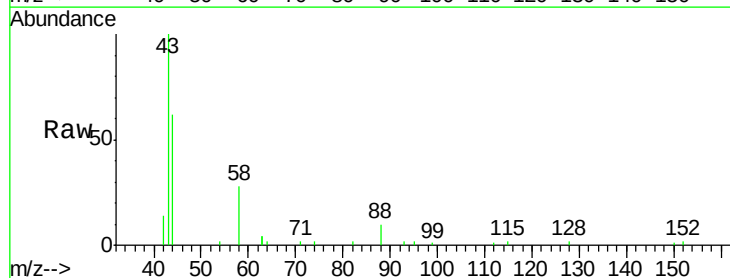
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



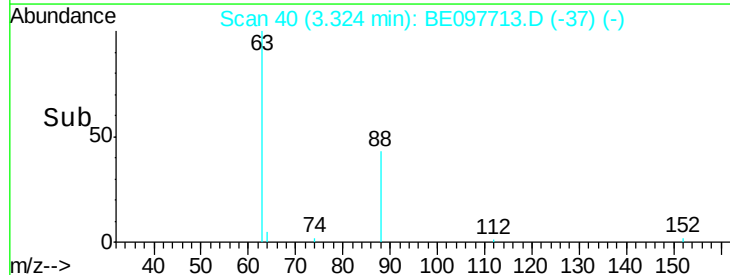
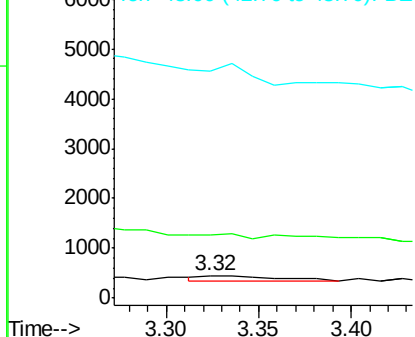
#2

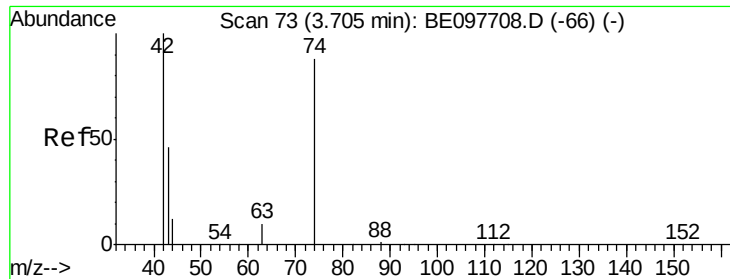
1,4-Dioxane
Concen: 0.027 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.07 min
Lab File: BE097713.D
Acq: 3 Oct 2018 13:26

Tgt Ion: 88 Resp: 279
Ion Ratio Lower Upper
88 100
58 0.0 70.8 106.2#
43 0.0 33.3 49.9#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

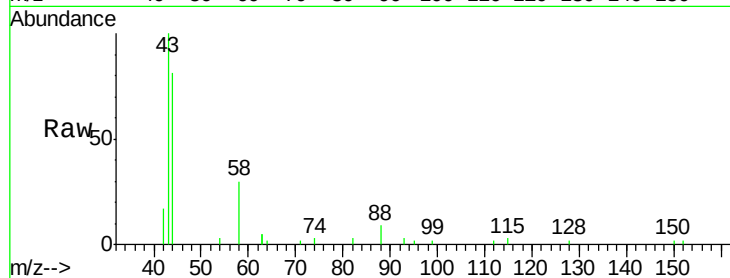
Tgt Ion: 42 Resp: 327

Ion Ratio Lower Upper

42 100

74 0.0 70.7 106.1#

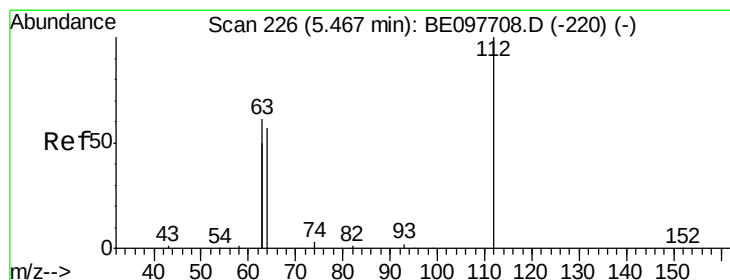
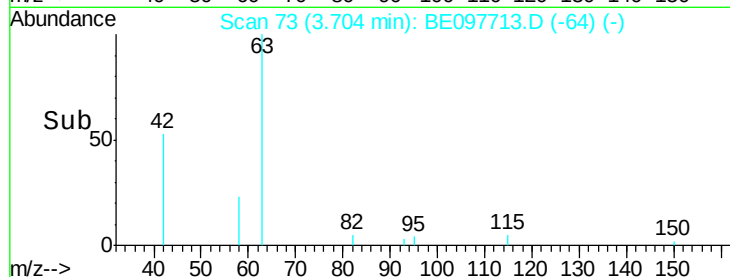
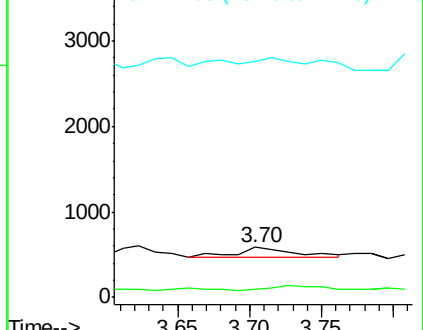
44 0.0 15.0 22.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.367 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

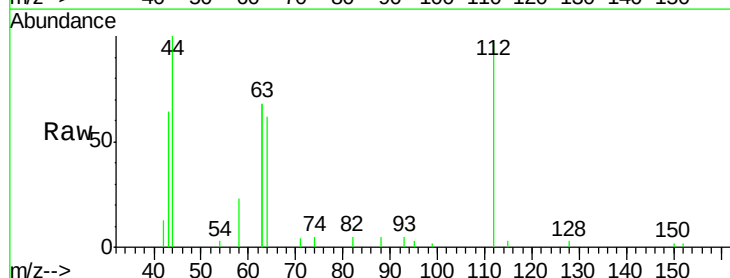
Tgt Ion: 112 Resp: 4453

Ion Ratio Lower Upper

112 100

64 68.4 56.6 84.8

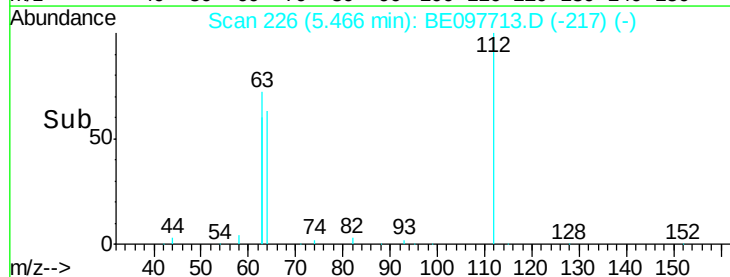
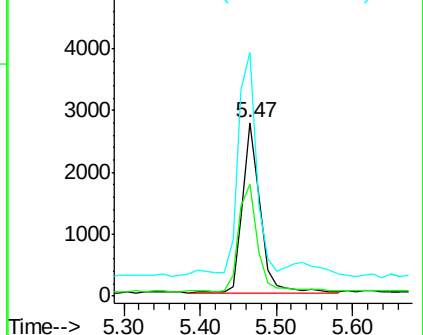
63 136.9 119.4 179.0

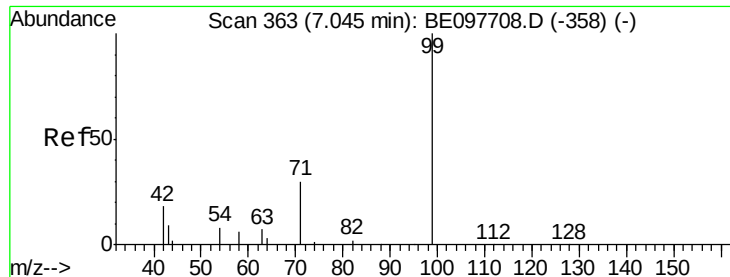


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.316 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

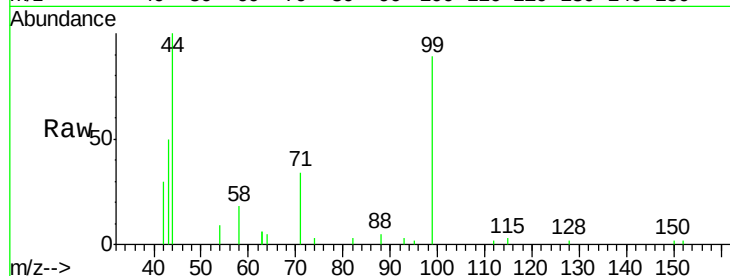
Tgt Ion: 99 Resp: 5873

Ion Ratio Lower Upper

99 100

42 28.6 19.9 29.9

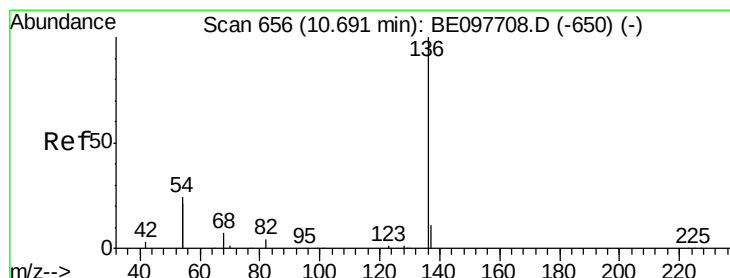
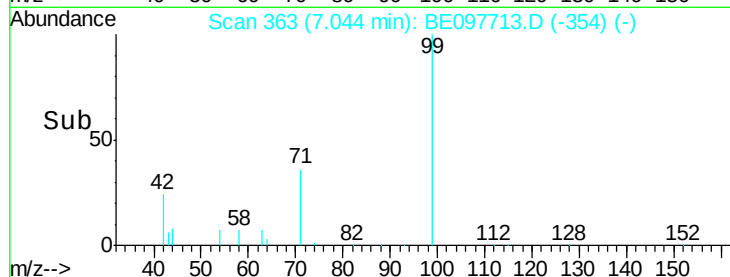
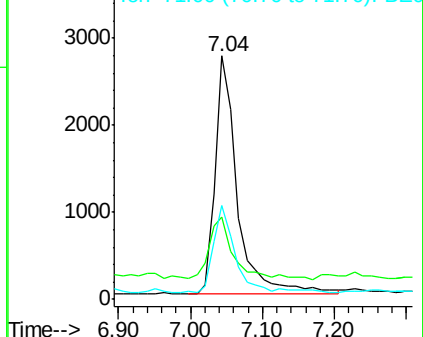
71 34.3 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Tgt Ion: 136 Resp: 19038

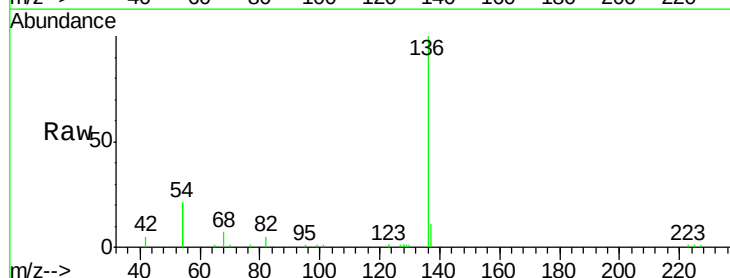
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 42.1 37.8 56.6

68 6.8 6.4 9.6

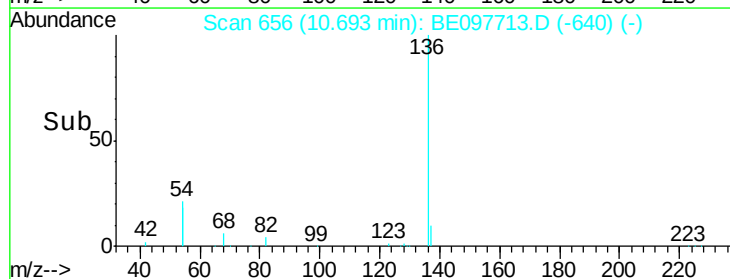
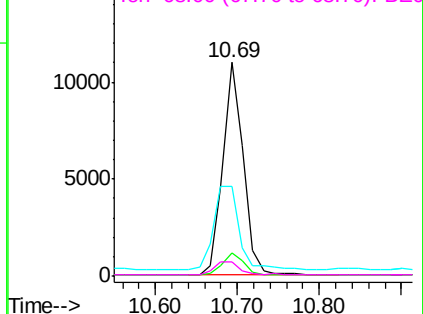


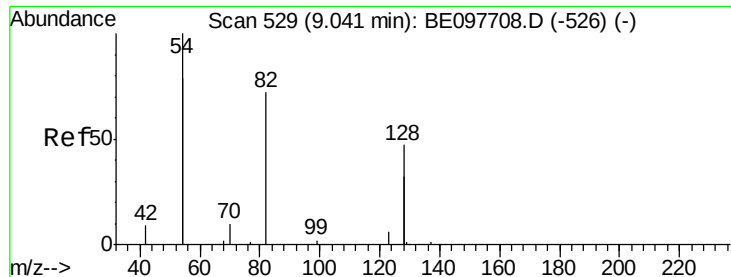
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.399 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

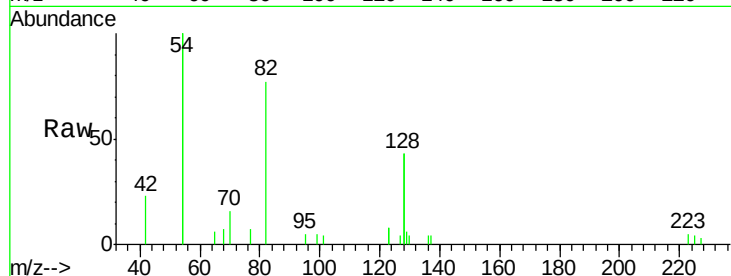
Tgt Ion: 82 Resp: 2466

Ion Ratio Lower Upper

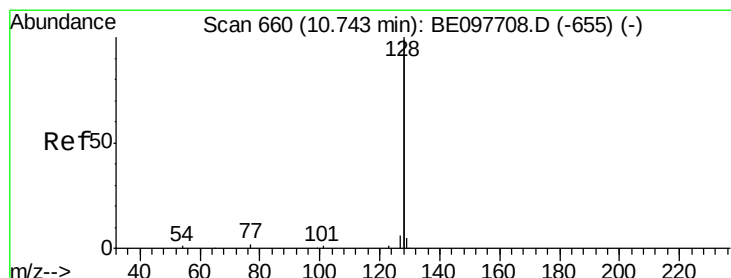
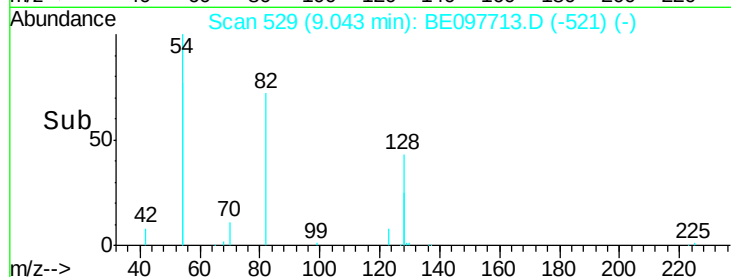
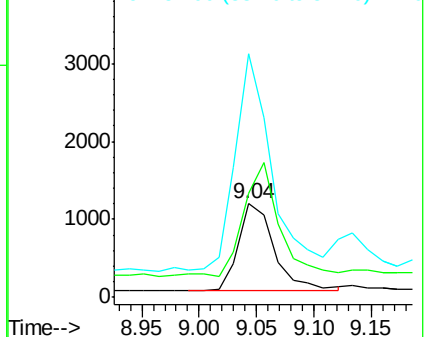
82 100

128 110.5 97.0 145.4

54 259.6 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 6.446 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

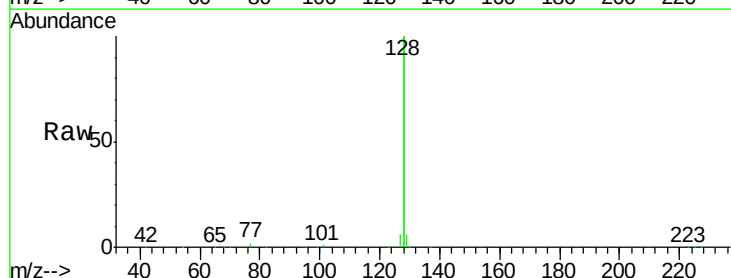
Tgt Ion: 128 Resp: 1236817

Ion Ratio Lower Upper

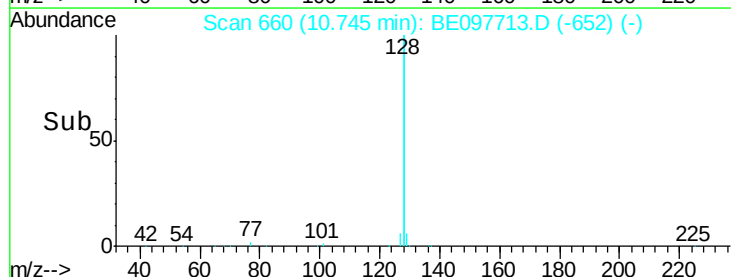
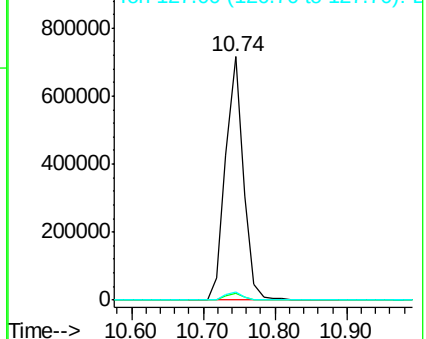
128 100

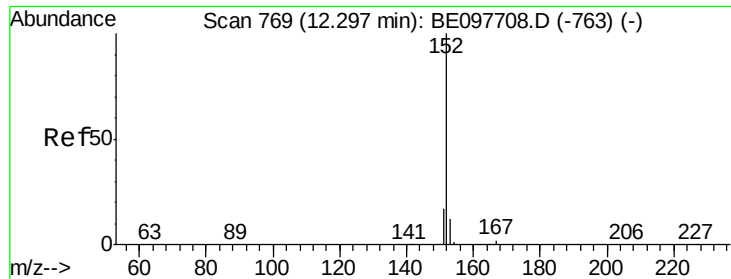
129 2.8 2.2 3.2

127 3.2 2.7 4.1



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

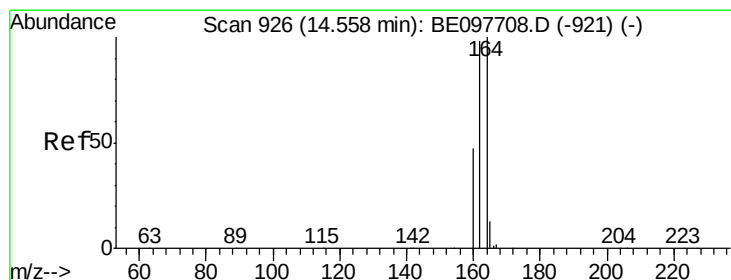
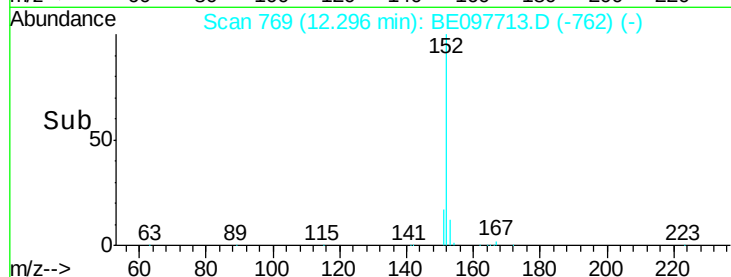
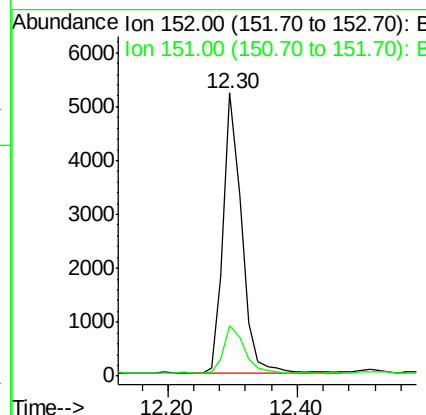
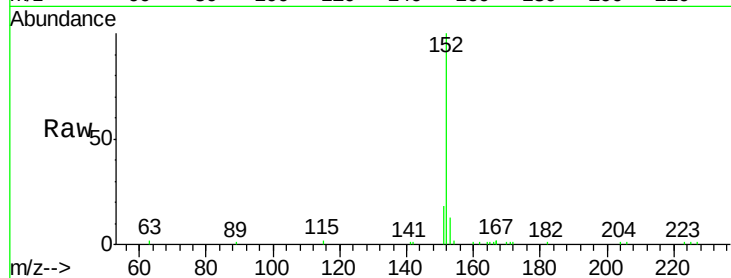




#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097713.D
 Acq: 3 Oct 2018 13:26

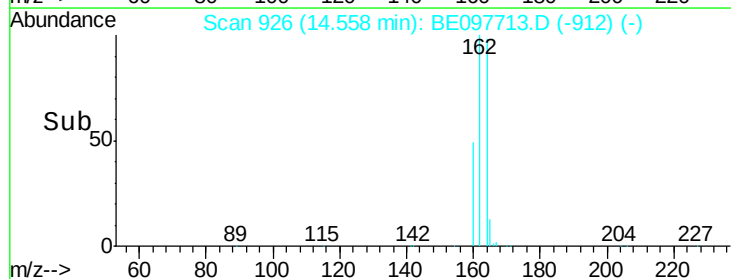
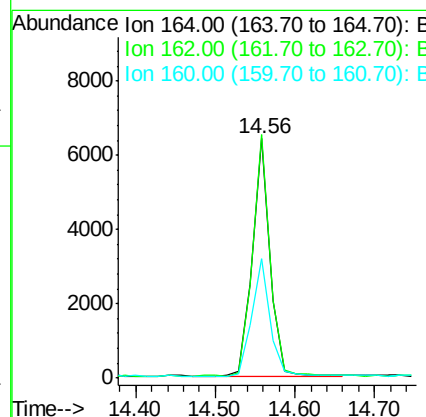
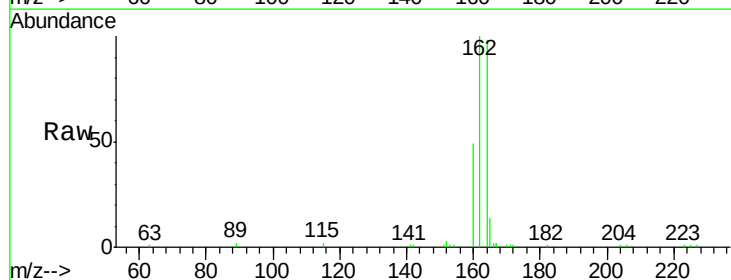
Instrument :
 BNA_E
 ClientSampleId :
 RR-PAH-WP

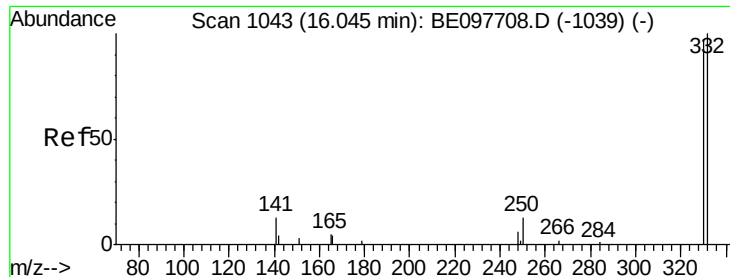
Tgt Ion:152 Resp: 10258
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097713.D
 Acq: 3 Oct 2018 13:26

Tgt Ion:164 Resp: 9744
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.6 117.8
 160 49.7 37.8 56.6

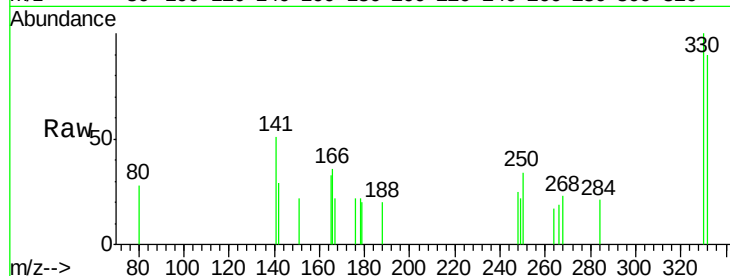




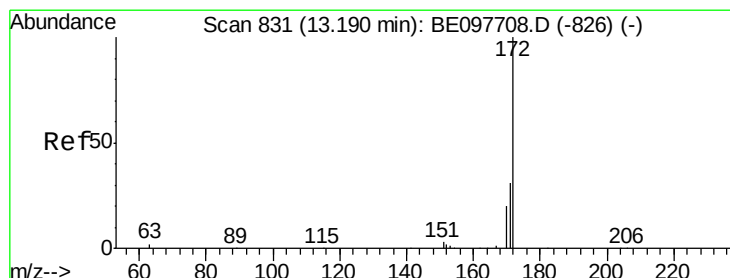
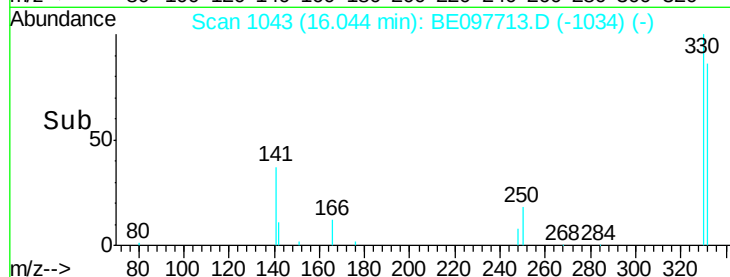
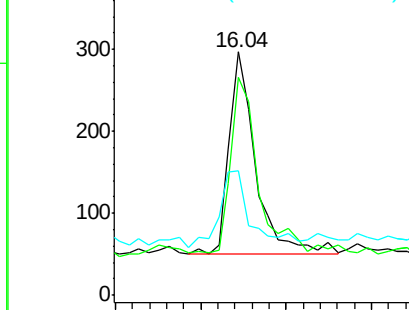
#14
 2,4,6-Tribromophenol
 Concen: 0.303 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097713.D
 Acq: 3 Oct 2018 13:26

Instrument :
 BNA_E
 ClientSampleId :
 RR-PAH-WP

Tgt Ion: 330 Resp: 536
 Ion Ratio Lower Upper
 330 100
 332 89.6 83.5 125.3
 141 44.4 34.9 52.3

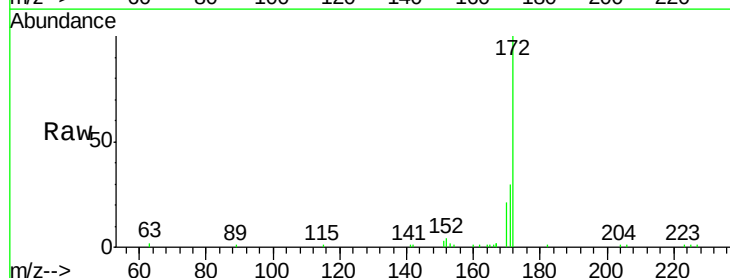


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

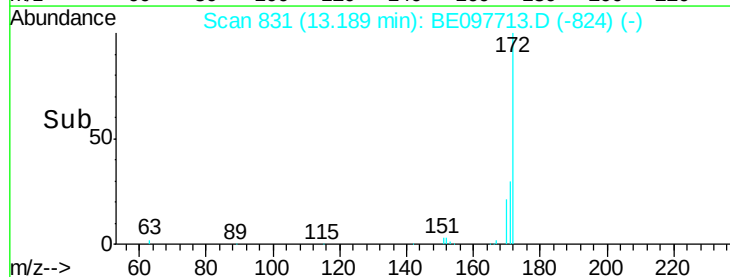
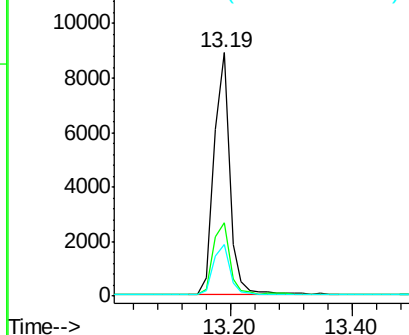


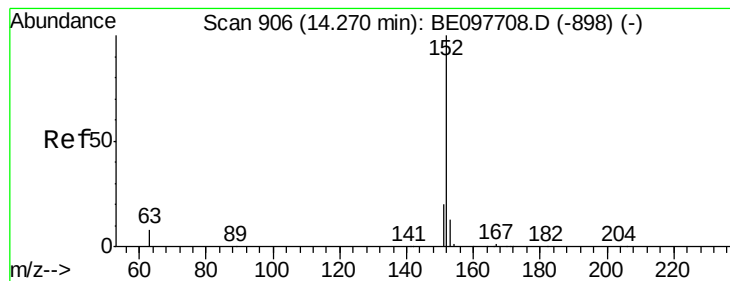
#15
 2-Fluorobiphenyl
 Concen: 0.374 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097713.D
 Acq: 3 Oct 2018 13:26

Tgt Ion: 172 Resp: 16039
 Ion Ratio Lower Upper
 172 100
 171 30.1 25.2 37.8
 170 21.1 16.2 24.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 8.531 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

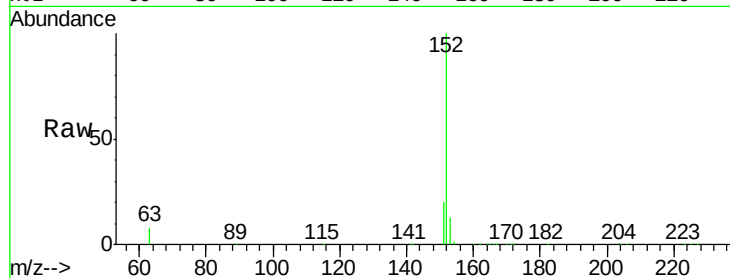
Tgt Ion:152 Resp: 368124

Ion Ratio Lower Upper

152 100

151 19.8 15.3 22.9

153 13.1 10.8 16.2



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

14.27

200000

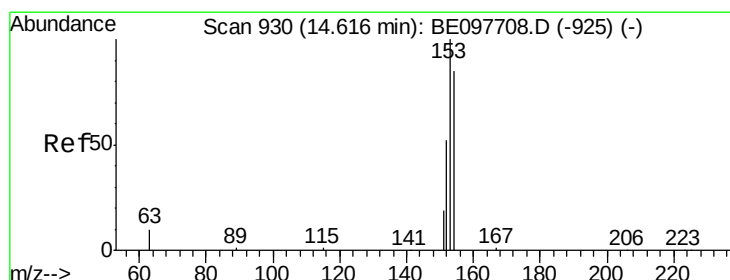
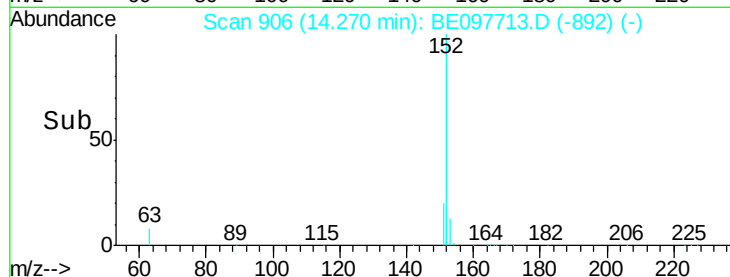
150000

100000

50000

0

Time--> 14.10 14.20 14.30 14.40



#17

Acenaphthene

Concen: 6.120 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

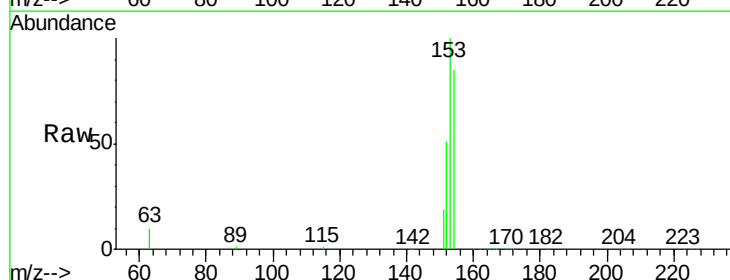
Tgt Ion:154 Resp: 169152

Ion Ratio Lower Upper

154 100

153 114.3 93.3 139.9

152 57.6 48.9 73.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.62

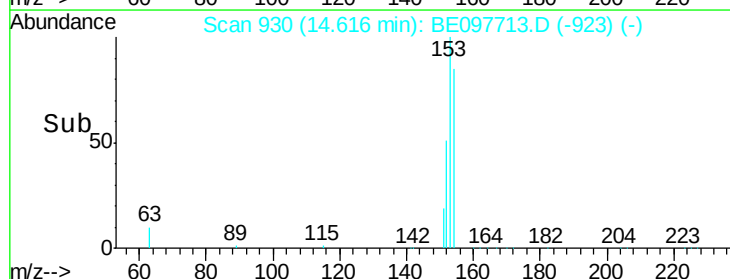
150000

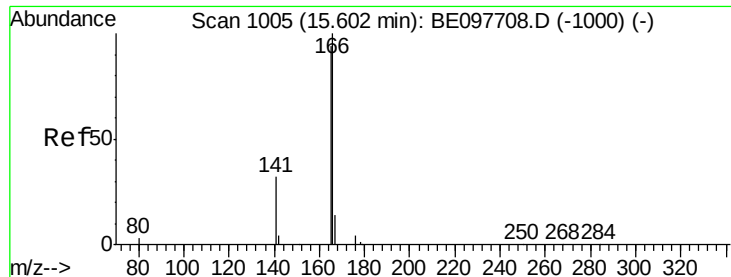
100000

50000

0

Time--> 14.50 14.60





#18

Fluorene

Concen: 3.048 ng

RT: 15.60 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

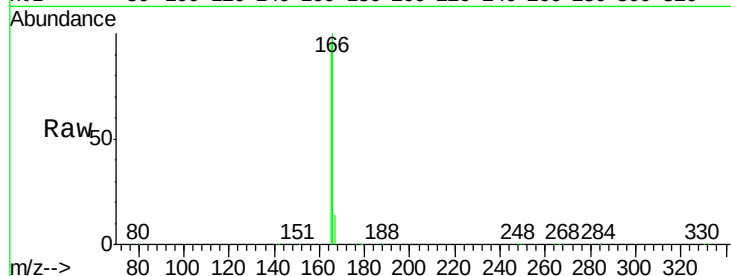
Tgt Ion:166 Resp: 111872

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

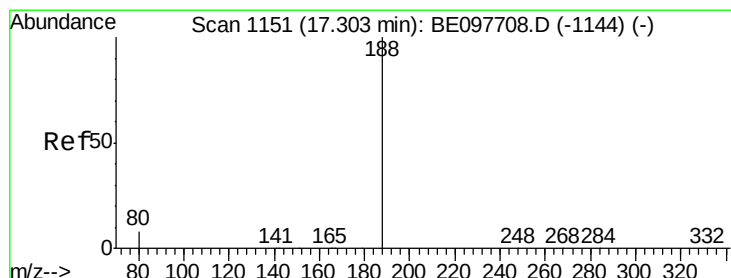
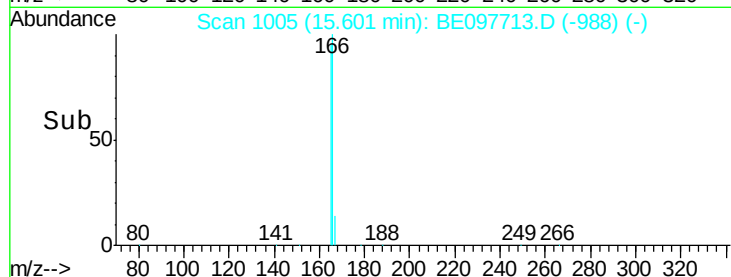
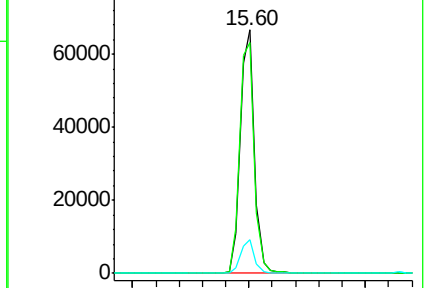
167 13.2 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

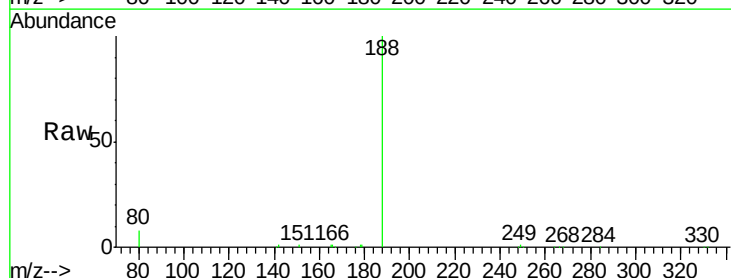
Tgt Ion:188 Resp: 24409

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

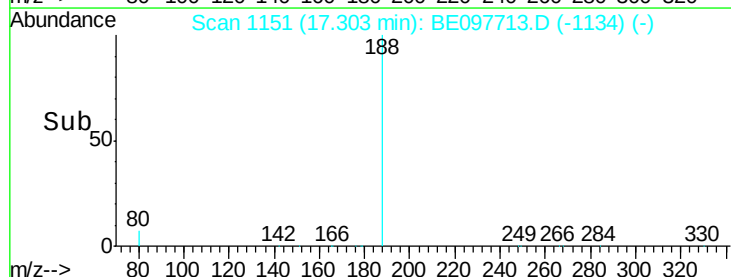
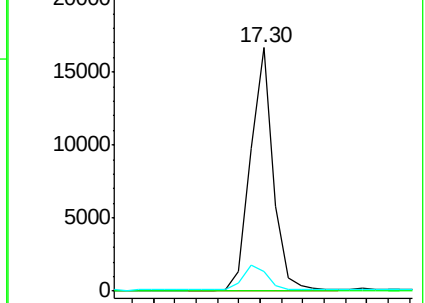
80 7.8 6.6 9.8

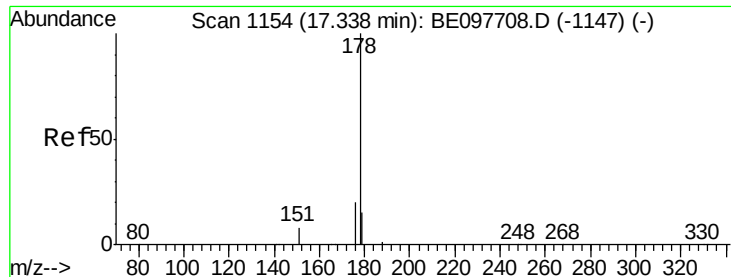


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 1.200 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

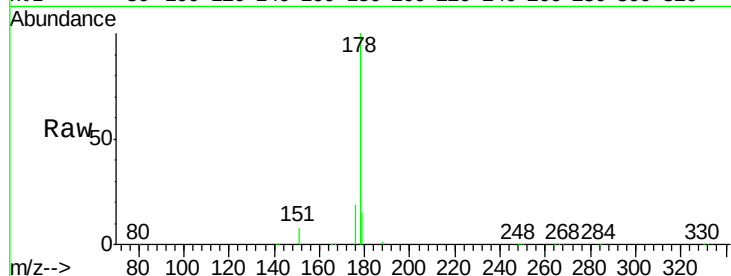
Tgt Ion:178 Resp: 75494

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

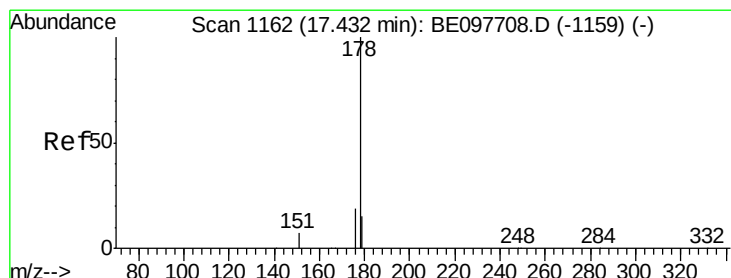
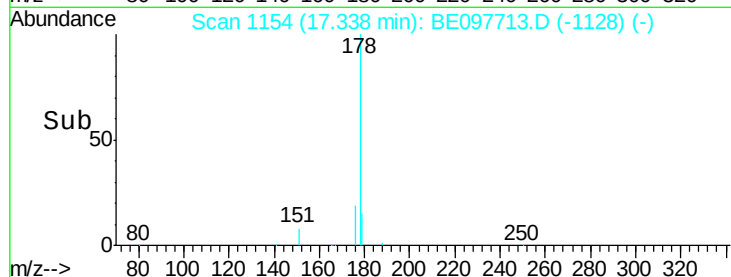
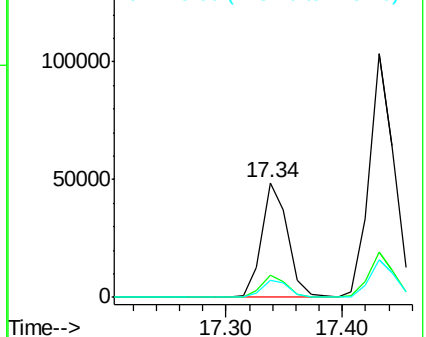
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 2.846 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

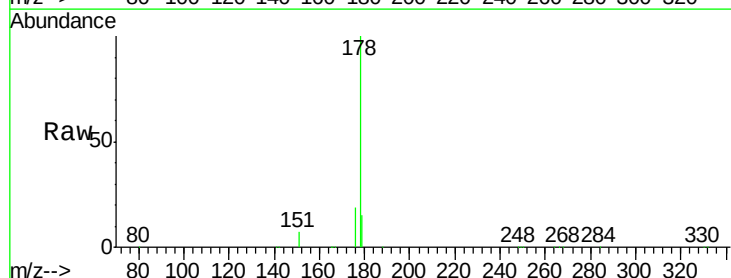
Tgt Ion:178 Resp: 154542

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

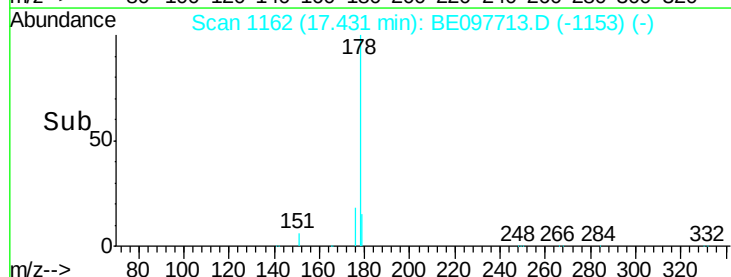
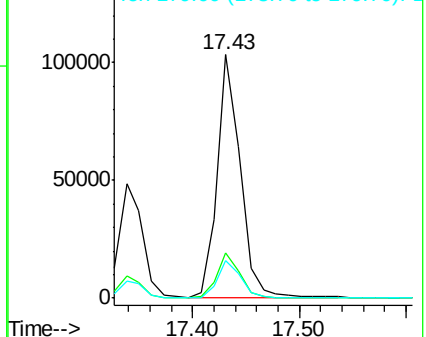
179 15.3 12.2 18.2

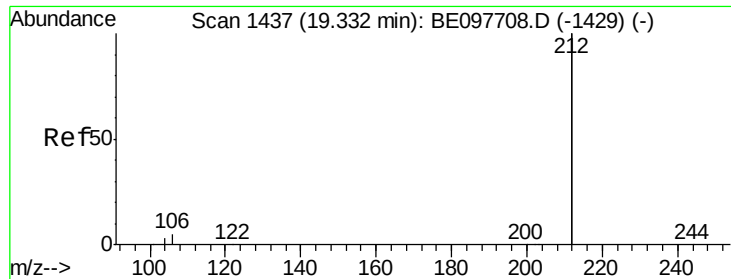


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

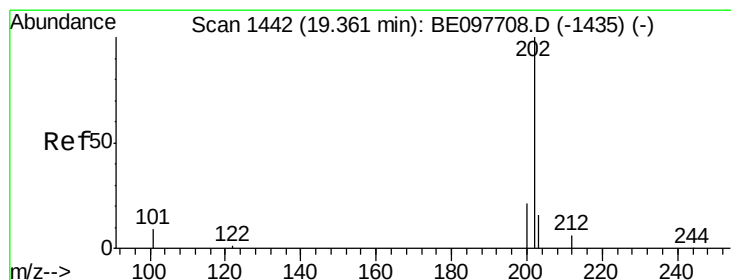
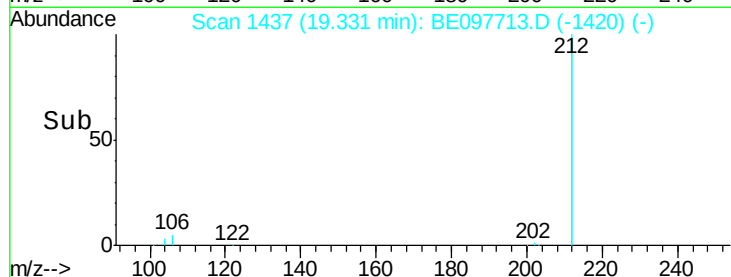
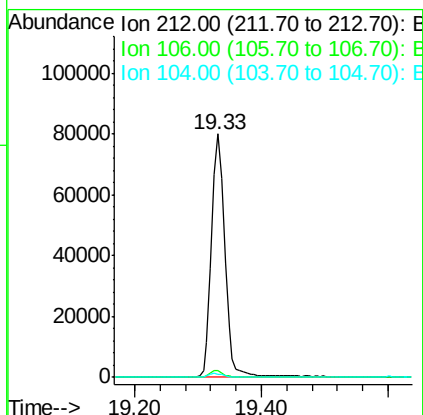
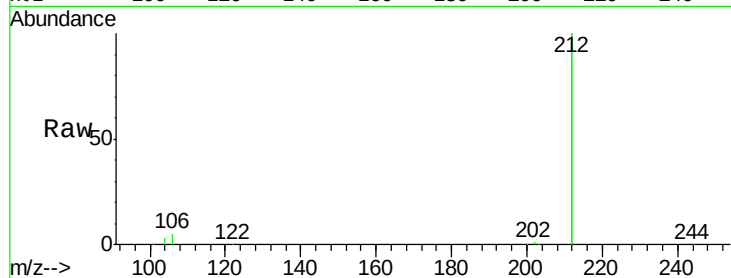




#25
 Fluoranthene-d10
 Concen: 0.372 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE097713.D
 Acq: 3 Oct 2018 13:26

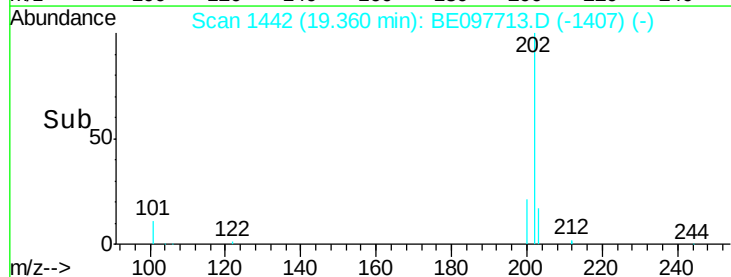
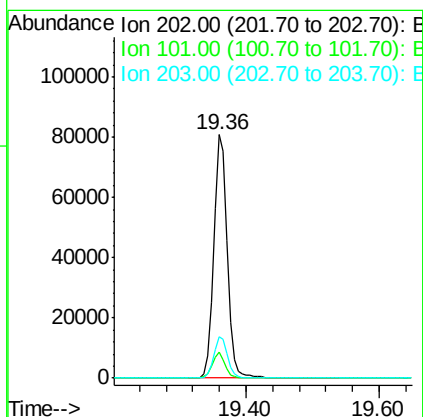
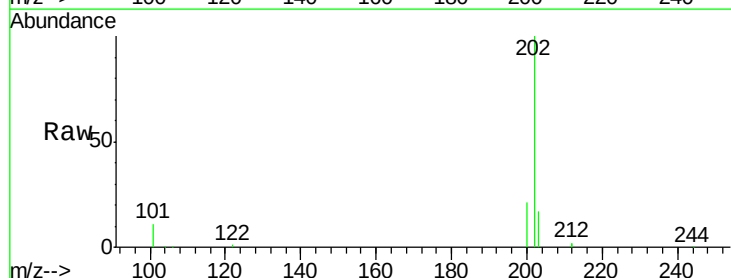
Instrument :
 BNA_E
 ClientSampleId :
 RR-PAH-WP

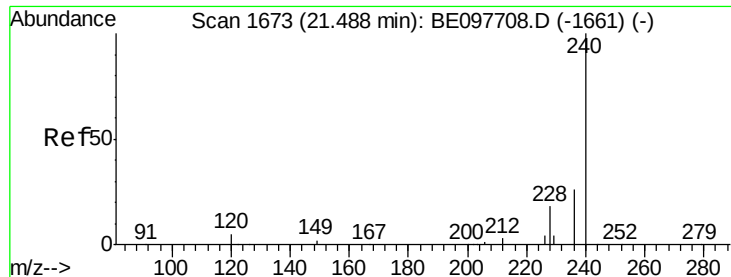
Tgt Ion:212 Resp: 114870
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 1.398 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BE097713.D
 Acq: 3 Oct 2018 13:26

Tgt Ion:202 Resp: 112061
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.8 11.8
 203 17.0 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

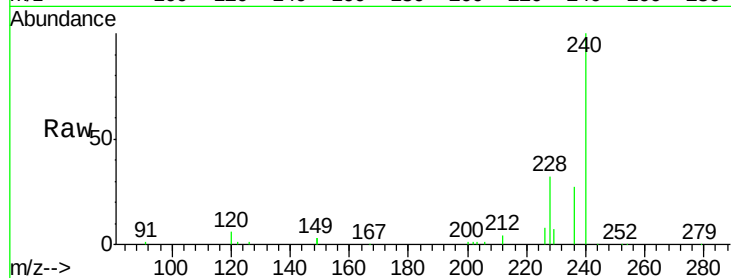
Tgt Ion:240 Resp: 36701

Ion Ratio Lower Upper

240 100

120 5.9 4.7 7.1

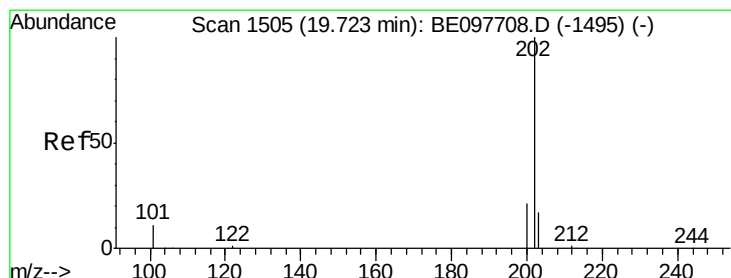
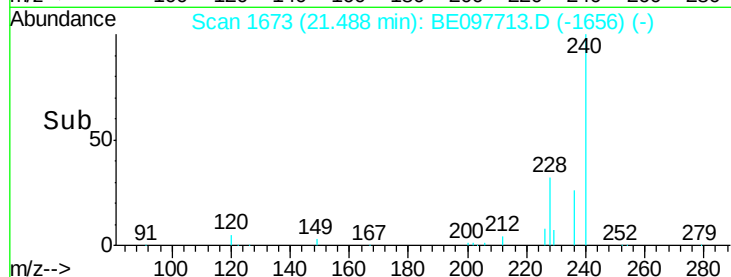
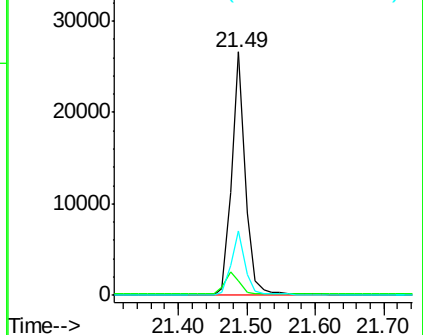
236 26.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.857 ng

RT: 19.72 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

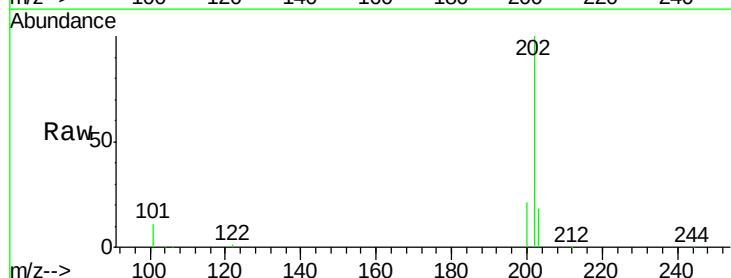
Tgt Ion:202 Resp: 359697

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

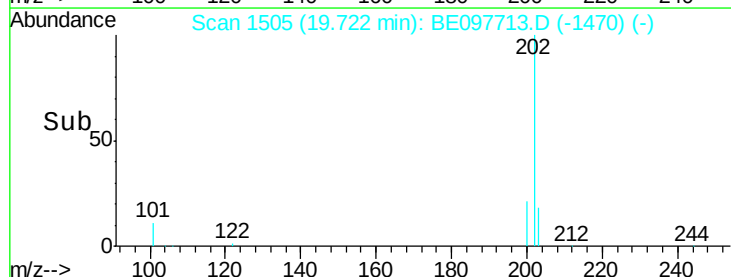
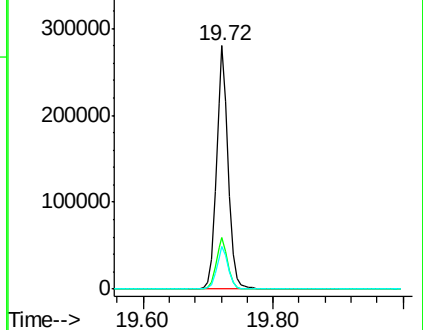
203 17.5 13.9 20.9

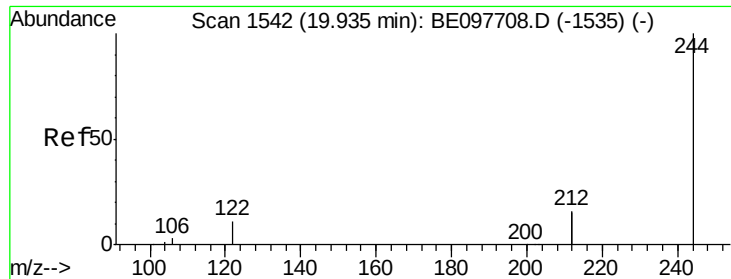


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.354 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

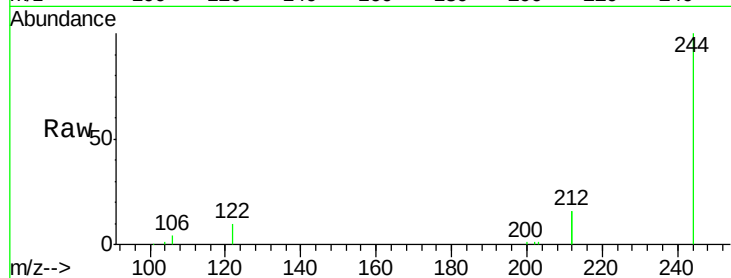
Tgt Ion:244 Resp: 26497

Ion Ratio Lower Upper

244 100

212 31.4 25.8 38.8

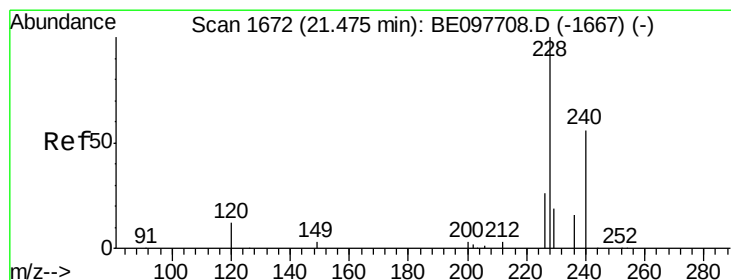
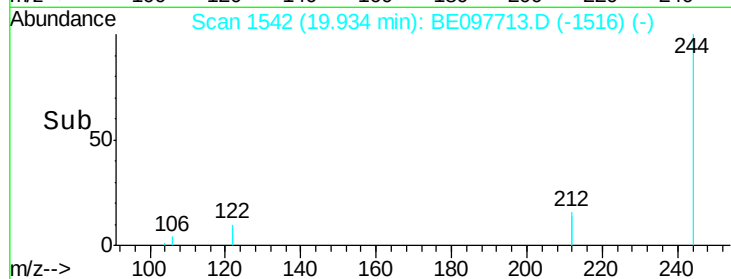
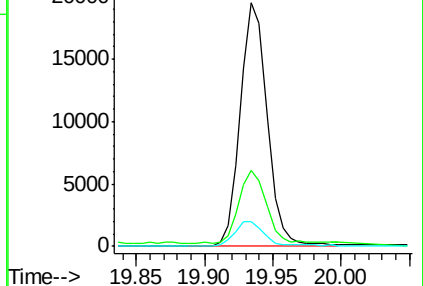
122 10.1 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.671 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

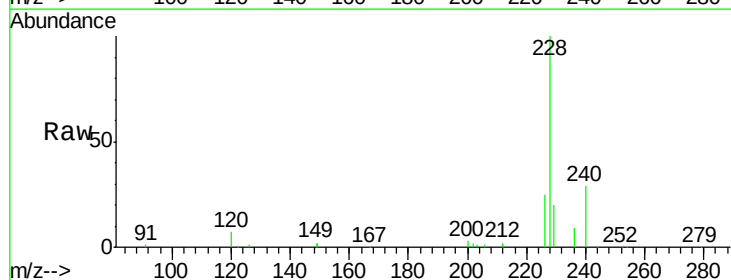
Tgt Ion:228 Resp: 66210

Ion Ratio Lower Upper

228 100

226 25.0 20.7 31.1

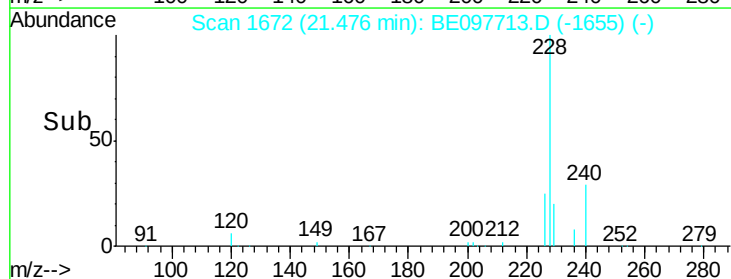
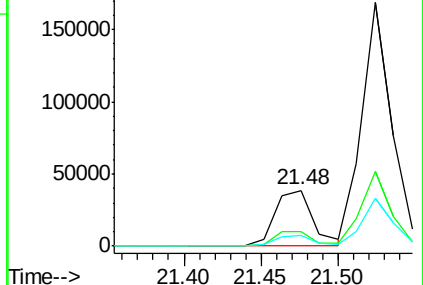
229 20.0 15.7 23.5

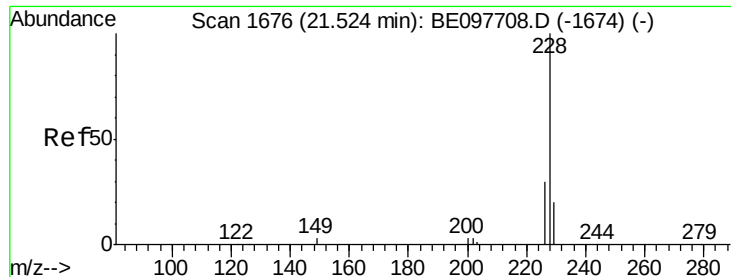


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.075 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

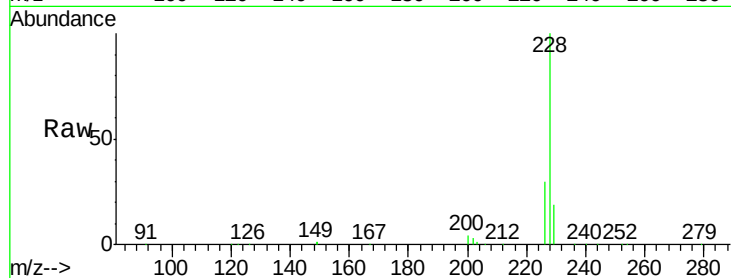
Tgt Ion:228 Resp: 228901

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

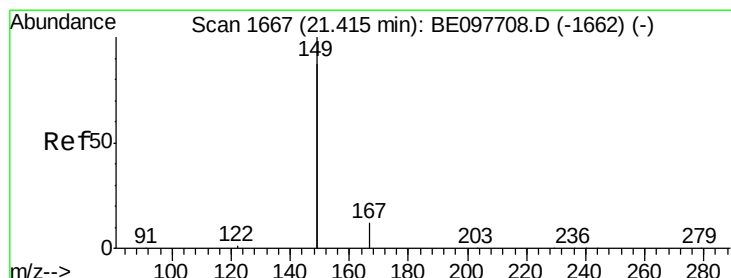
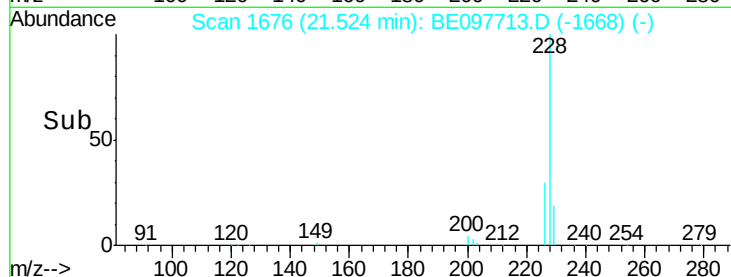
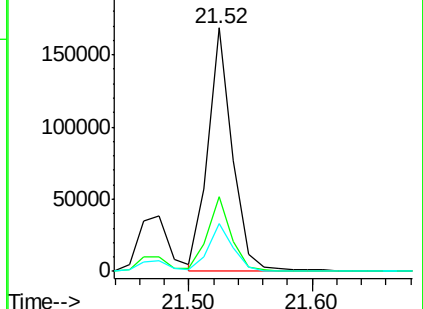
229 19.5 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 21.42 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

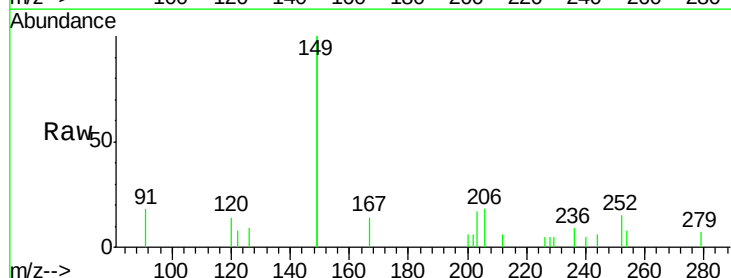
Tgt Ion:149 Resp: 1894

Ion Ratio Lower Upper

149 100

167 7.4 5.5 8.3

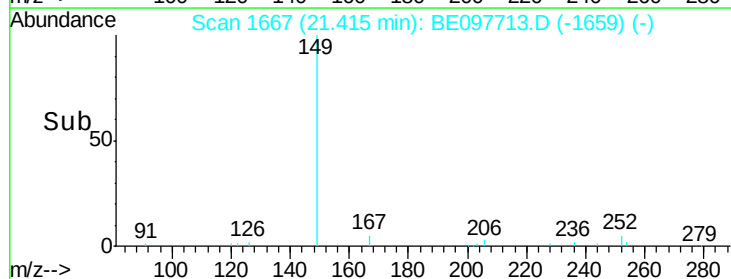
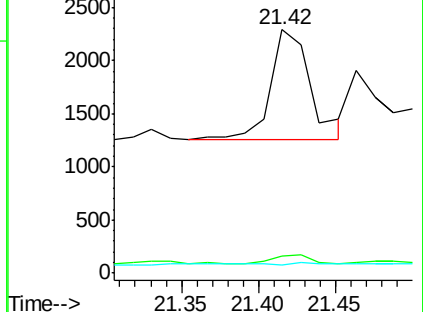
279 1.9 0.9 1.3#

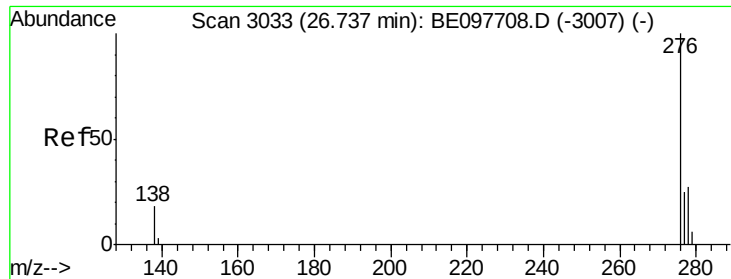


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 4.965 ng

RT: 26.74 min Scan# 3033

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

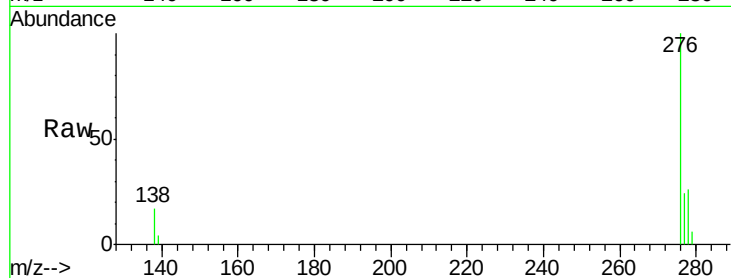
Tgt Ion:276 Resp: 475614

Ion Ratio Lower Upper

276 100

138 20.0 15.0 22.6

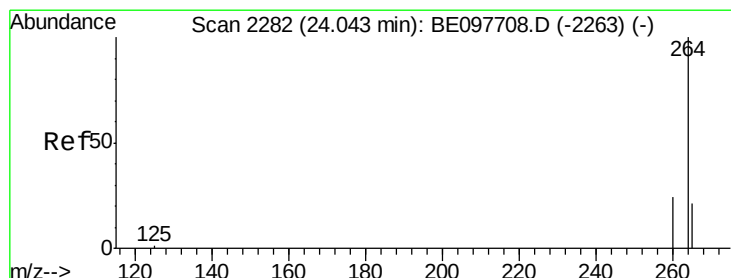
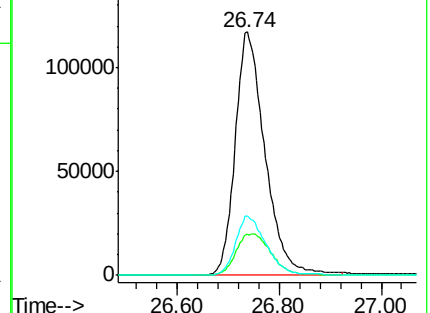
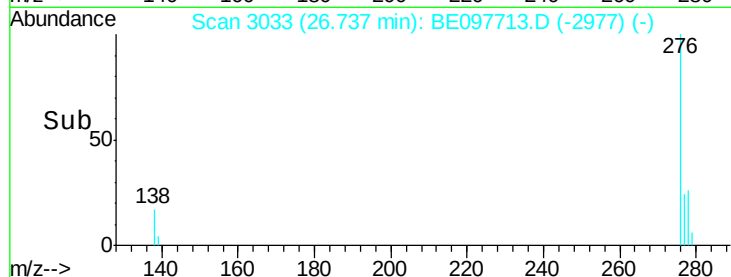
277 24.8 19.2 28.8



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

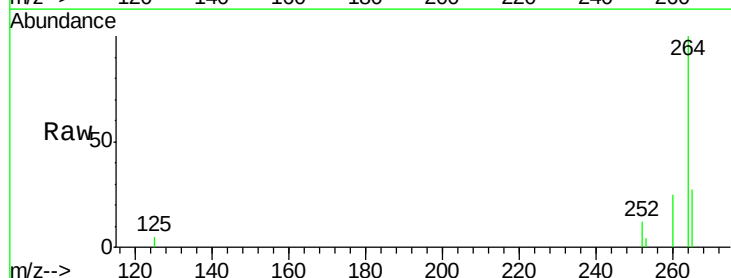
Tgt Ion:264 Resp: 41509

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

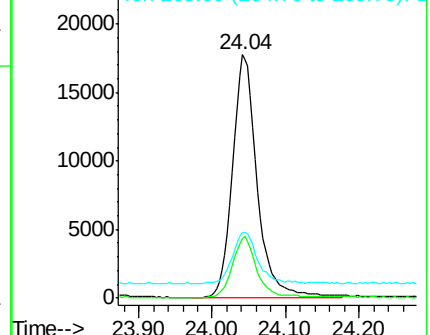
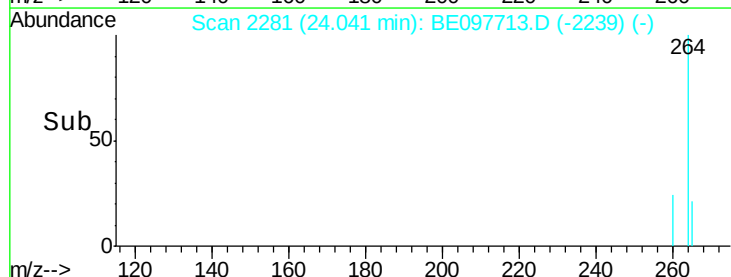
265 27.0 21.9 32.9

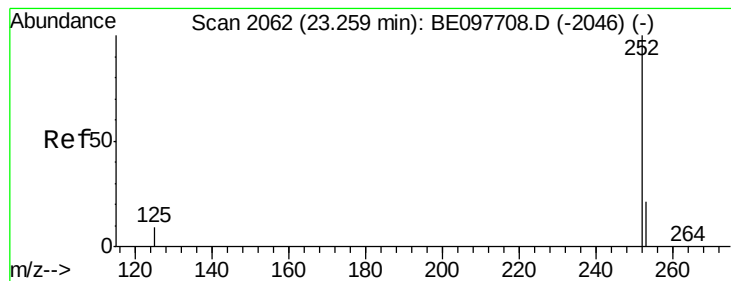


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.808 ng

RT: 23.26 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

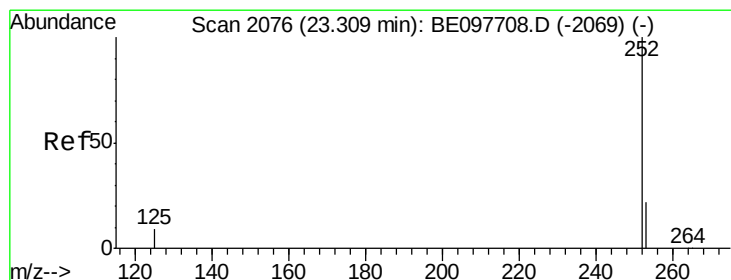
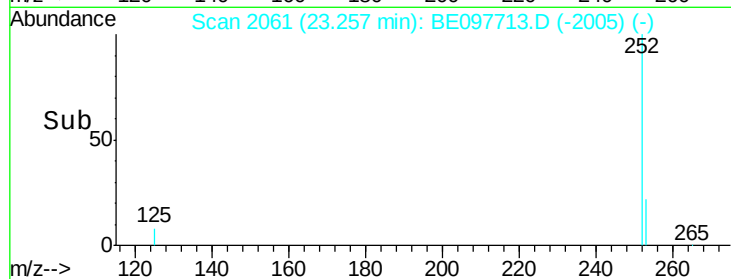
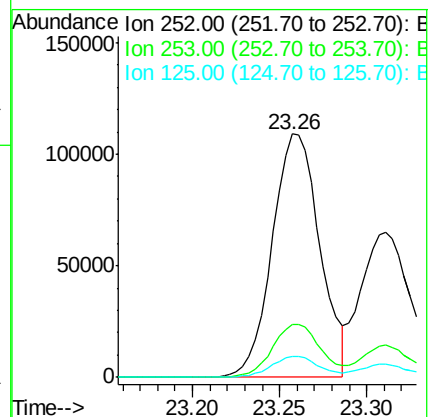
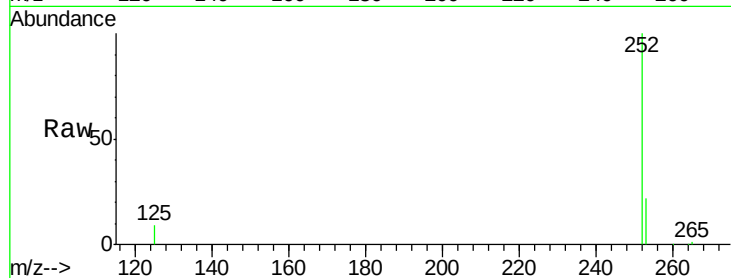
Tgt Ion:252 Resp: 205941

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.6 7.8 11.8



#36

Benzo(k)fluoranthene

Concen: 1.097 ng

RT: 23.31 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

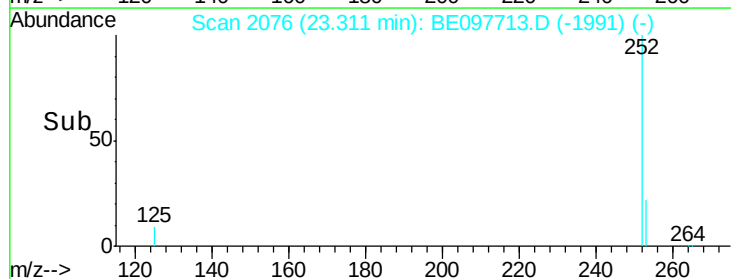
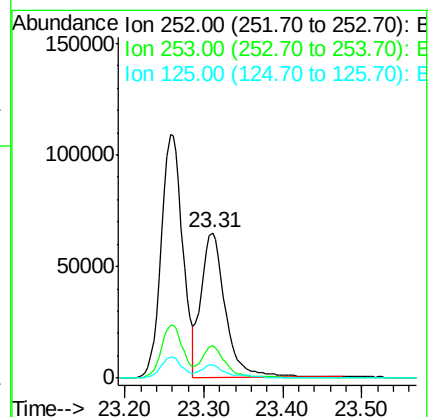
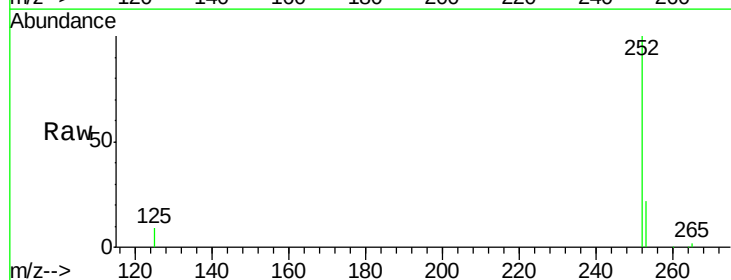
Tgt Ion:252 Resp: 138581

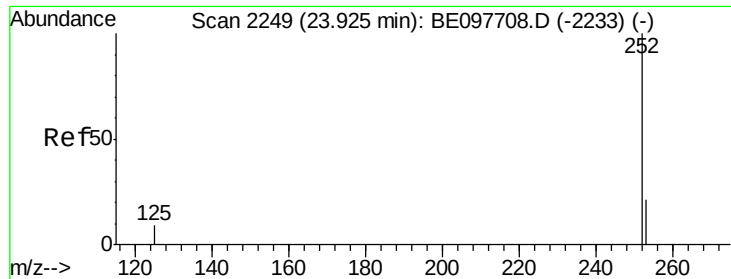
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.8 7.5 11.3





#37

Benzo(a)pyrene

Concen: 4.032 ng

RT: 23.93 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP

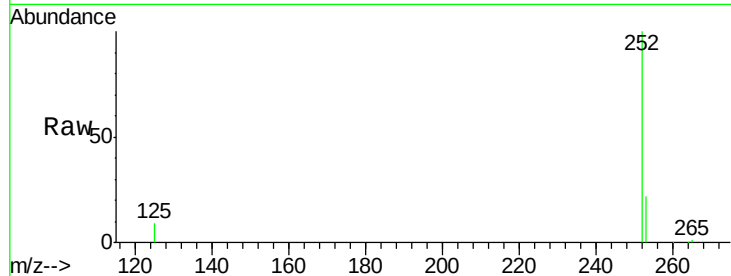
Tgt Ion: 252 Resp: 415788

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.4 8.3 12.5

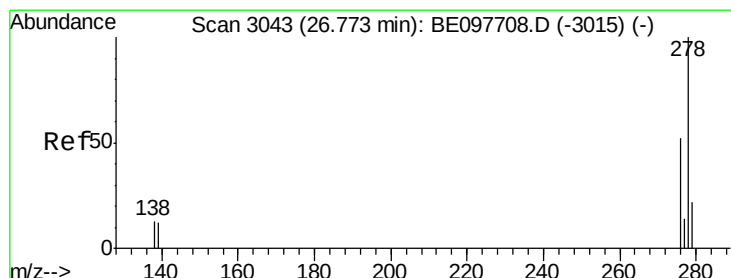
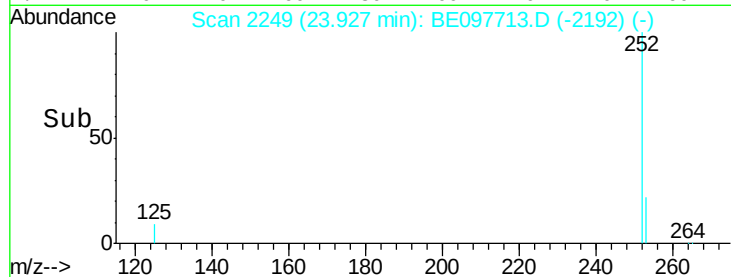
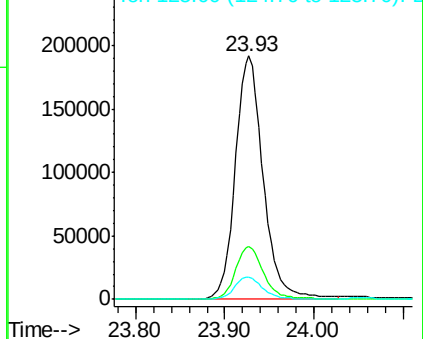


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 4.118 ng

RT: 26.77 min Scan# 3042

Delta R.T. -0.00 min

Lab File: BE097713.D

Acq: 3 Oct 2018 13:26

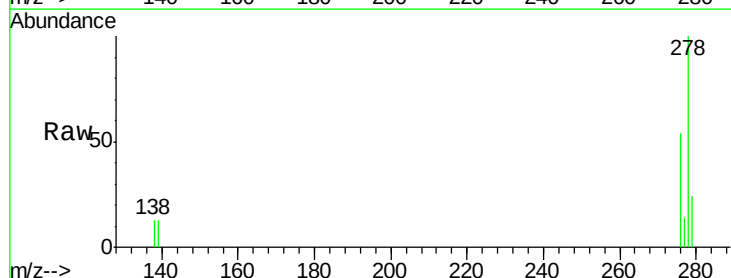
Tgt Ion: 278 Resp: 418284

Ion Ratio Lower Upper

278 100

139 12.8 10.3 15.5

279 23.9 18.4 27.6

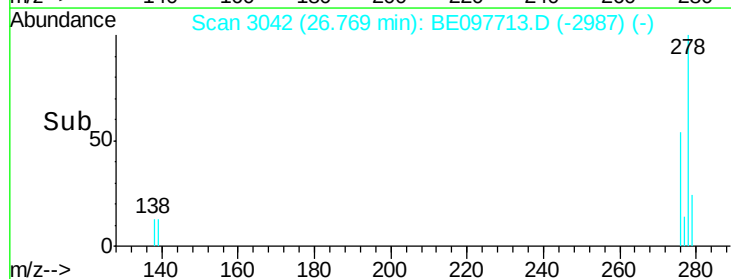
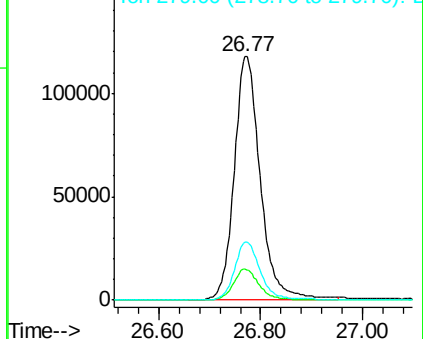


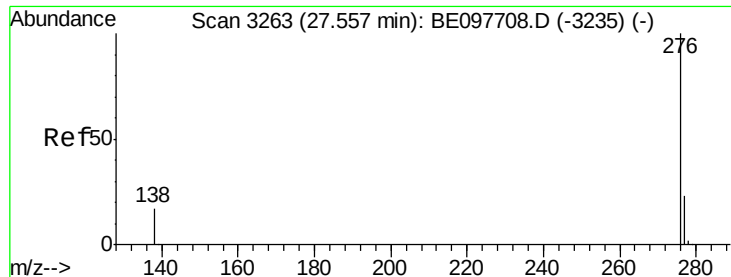
Abundance

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





#39

Benzo(g,h,i)perylene

Concen: 0.632 ng

RT: 27.56 min Scan# 3263

Delta R.T. 0.00 min

Lab File: BE097713.D

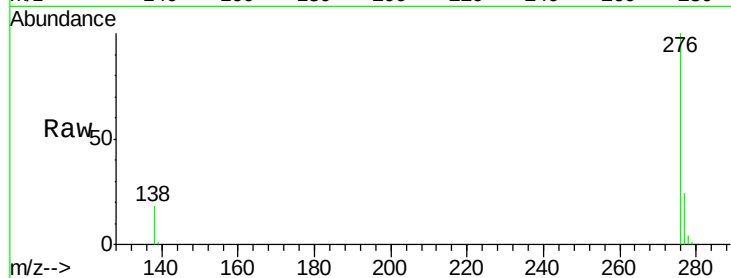
Acq: 3 Oct 2018 13:26

Instrument :

BNA_E

ClientSampleId :

RR-PAH-WP



Tgt Ion: 276 Resp: 67155

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 18.0 14.2 21.2

