

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094939.D
 Acq On : 6 Dec 2017 5:42
 Operator : SJ/JU
 Sample : I6698-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW05S-20171130

Quant Time: Dec 06 06:31:43 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	8205	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	18741	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	11339	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	27468	0.40	ng	0.00
27) Chrysene-d12	21.87	240	29191	0.40	ng	-0.02
34) Perylene-d12	24.55	264	23626	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	2354	0.18	ng	0.00
5) Phenol-d6	7.59	99	2169	0.11	ng	0.00
8) Nitrobenzene-d5	9.66	82	5630	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	11720	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1283	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	20040	0.41	ng	0.00
25) Fluoranthene-d10	19.75	212	140262	0.37	ng	0.00
29) Terphenyl-d14	20.31	244	28169	0.52	ng	-0.02

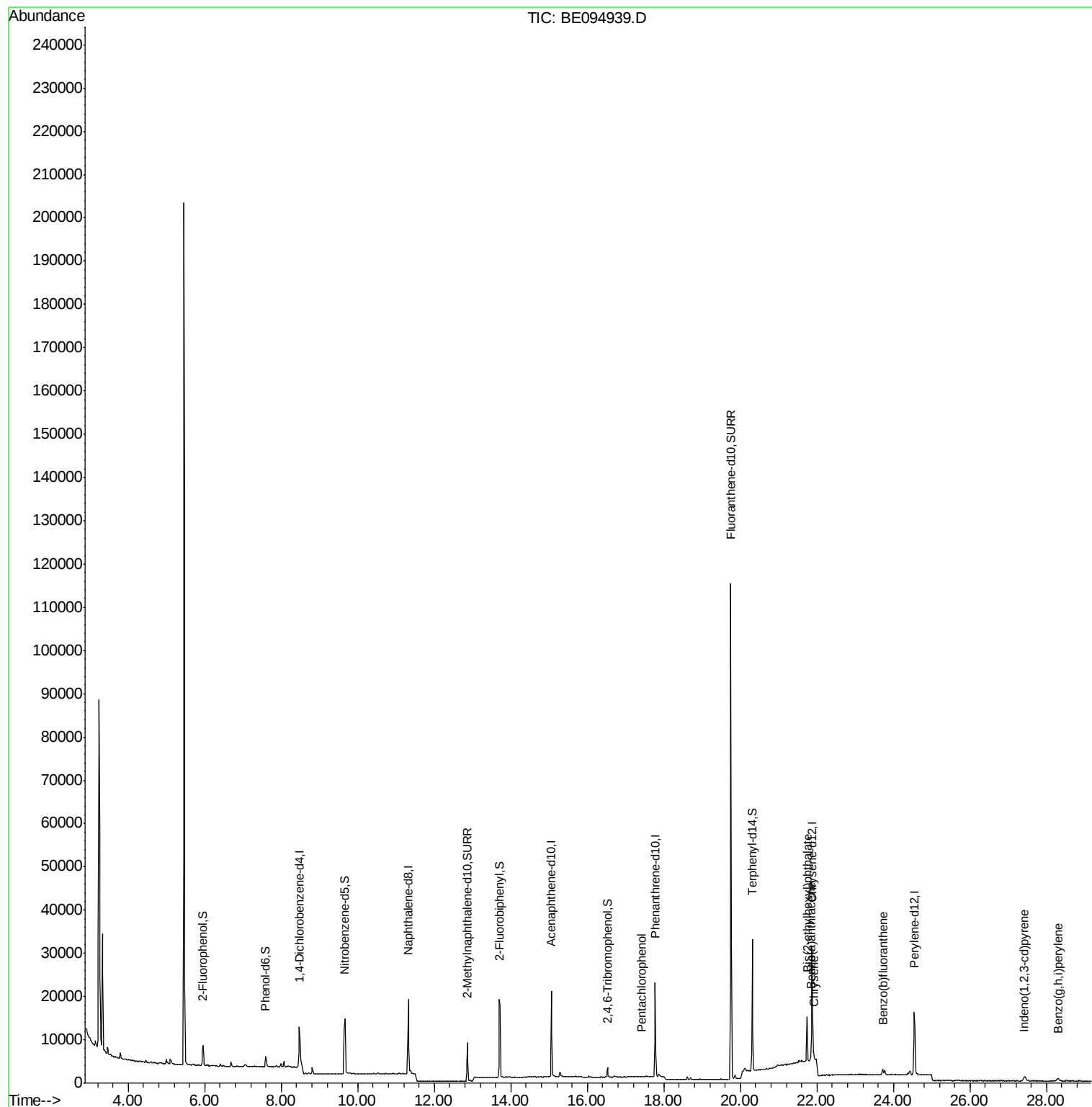
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	17.42	266	5	0.134	ng	94
30) Benzo(a)anthracene	21.85	228	1818	0.020	ng	# 70
31) Chrysene	21.92	228	2349	0.024	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.75	149	11335	0.076	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.41	276	1640	0.020	ng	# 75
35) Benzo(b)fluoranthene	23.72	252	1879	0.022	ng	# 75
39) Benzo(g,h,i)perylene	28.29	276	1593	0.023	ng	# 67

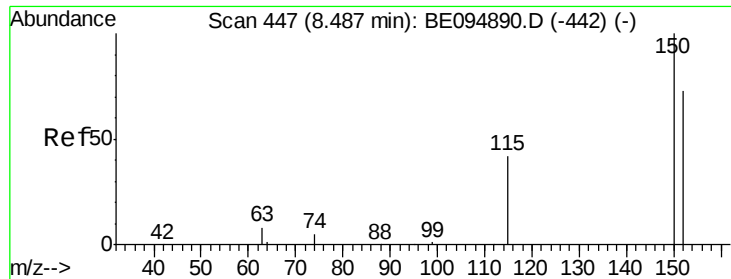
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094939.D
Acq On : 6 Dec 2017 5:42
Operator : SJ/JU
Sample : I6698-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-MW05S-20171130

Quant Time: Dec 06 06:31:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130

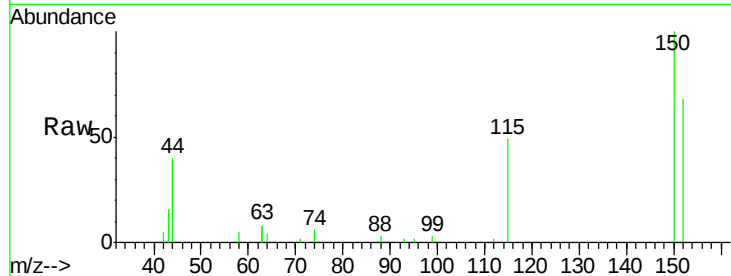
Tot Ion:152 Resp: 8205

Ion Ratio Lower Upper

152 100

150 146.4 117.2 175.8

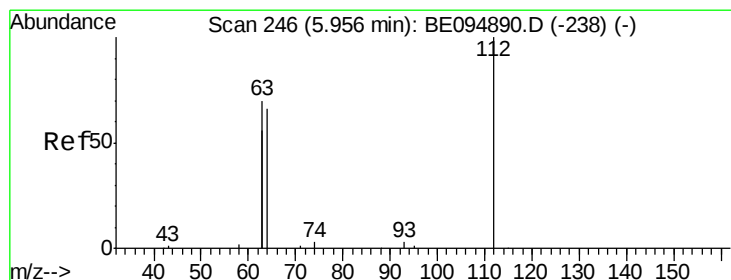
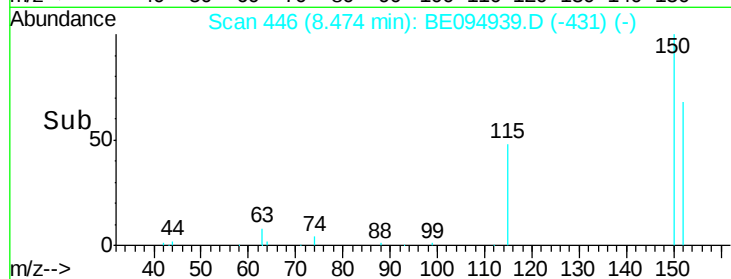
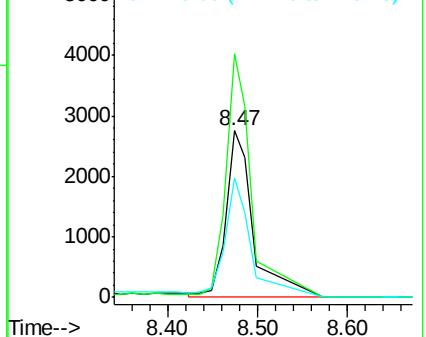
115 72.2 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.96 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

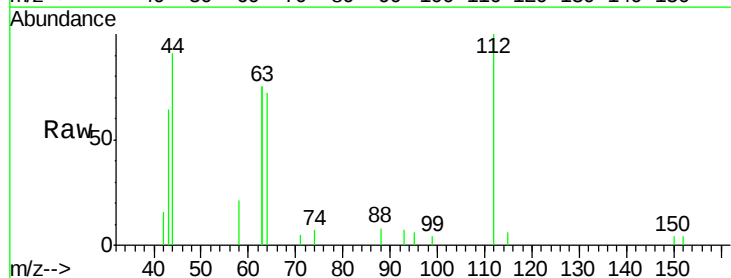
Tgt Ion:112 Resp: 2354

Ion Ratio Lower Upper

112 100

64 77.7 60.1 90.1

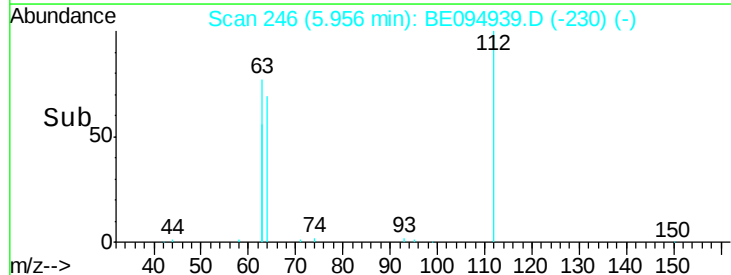
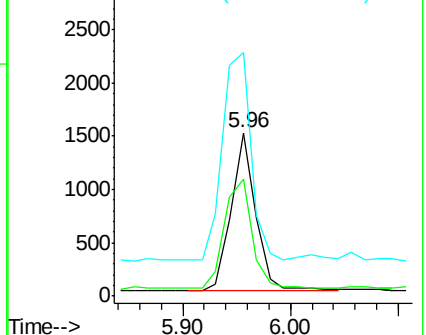
63 151.1 116.8 175.2

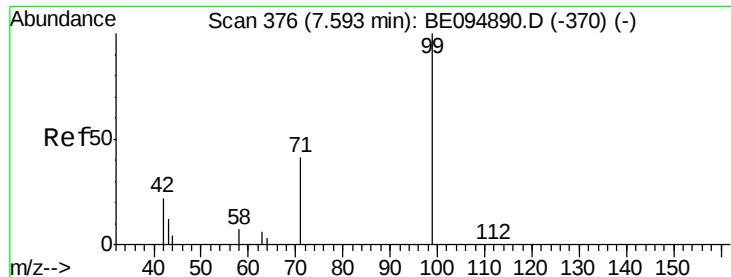


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130

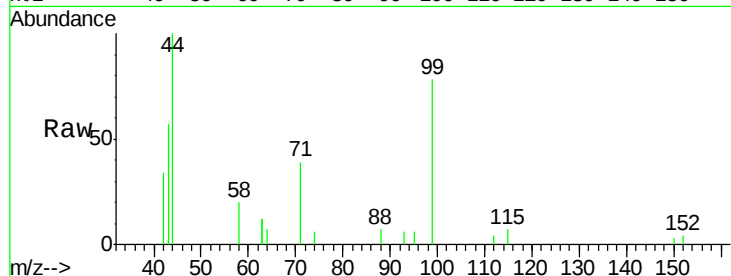
Tot Ion: 99 Resp: 2169

Ion Ratio Lower Upper

99 100

42 32.1 20.2 30.2#

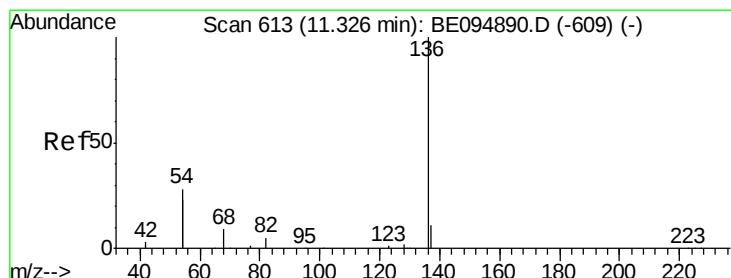
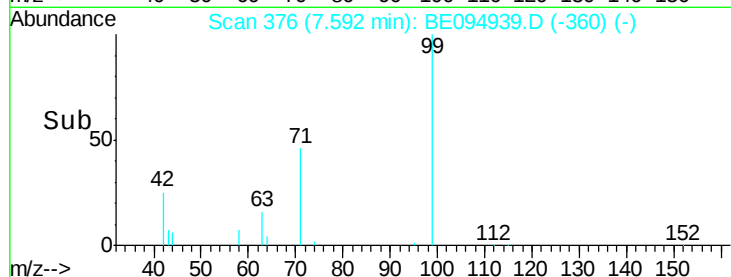
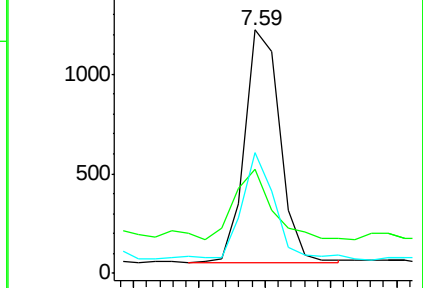
71 44.2 28.4 42.6#



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: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

Tgt Ion: 136 Resp: 18741

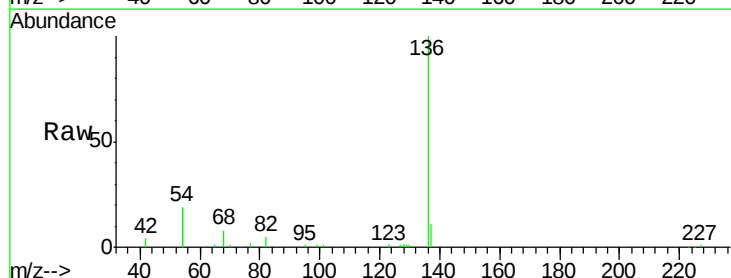
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 37.1 29.1 43.7

68 7.7 6.2 9.2

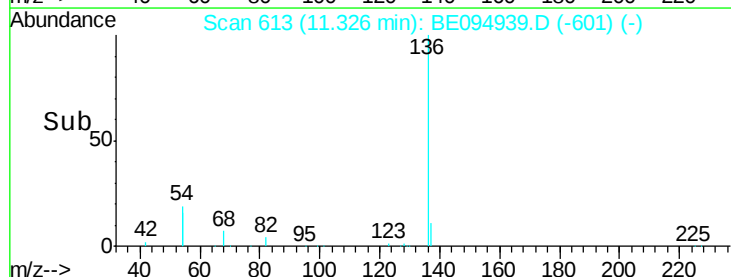
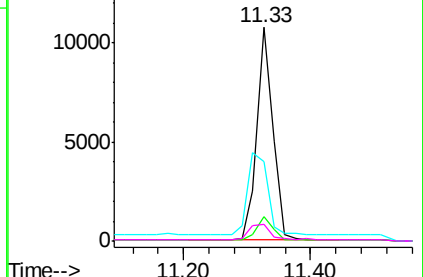


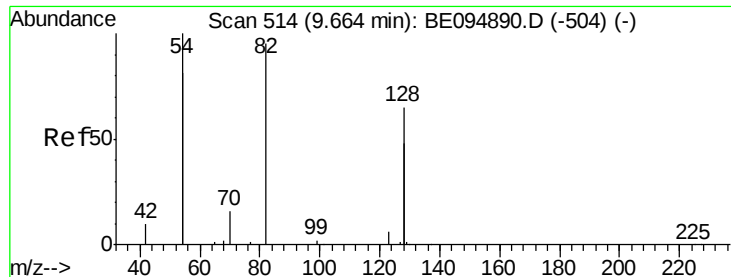
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.507 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130

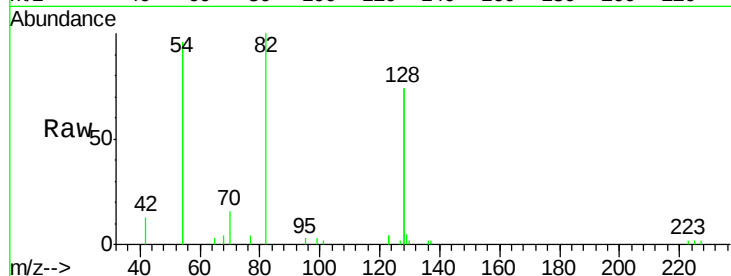
Tot Ion: 82 Resp: 5630

Ion Ratio Lower Upper

82 100

128 148.1 150.0 225.0#

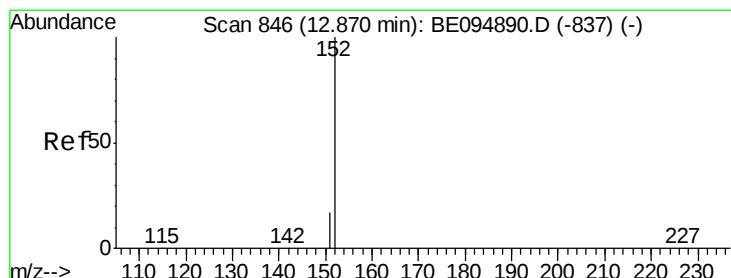
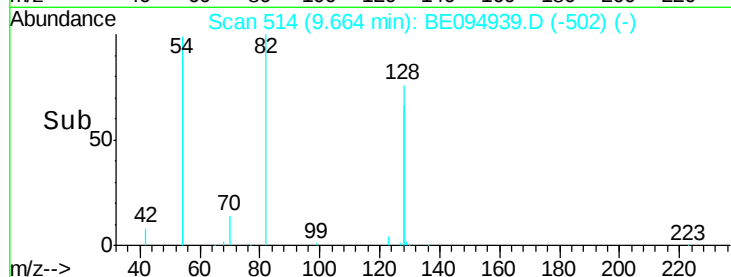
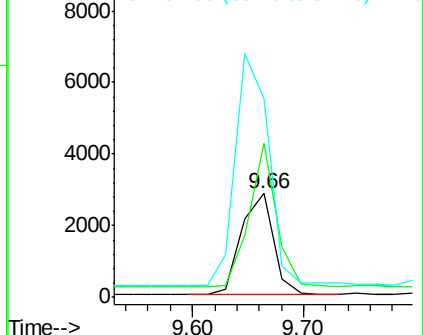
54 192.0 154.2 231.4



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



#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094939.D

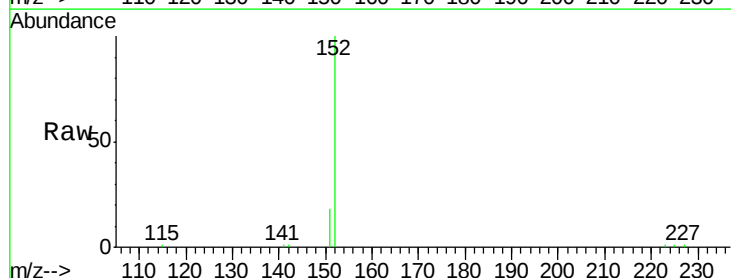
Acq: 6 Dec 2017 5:42

Tgt Ion: 152 Resp: 11720

Ion Ratio Lower Upper

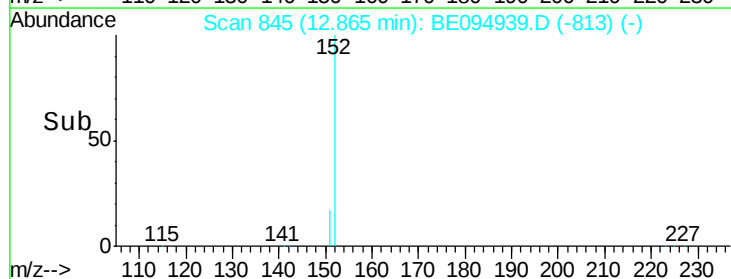
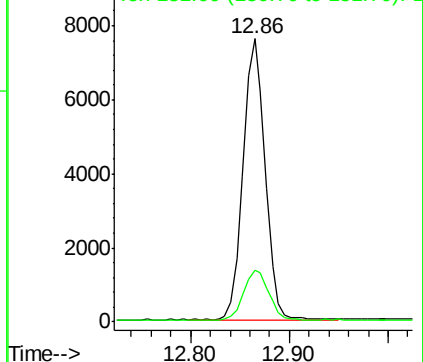
152 100

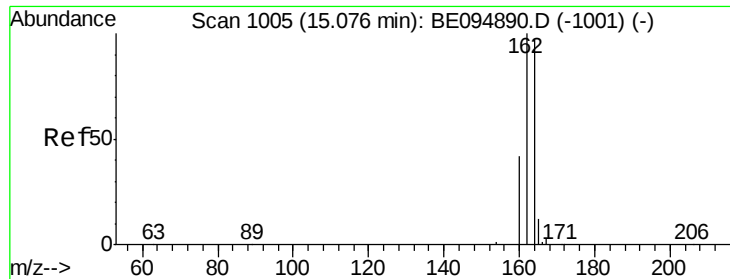
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

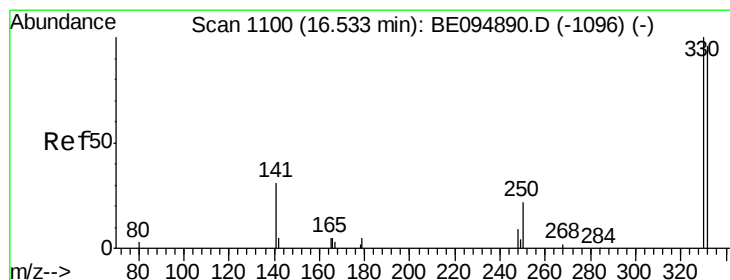
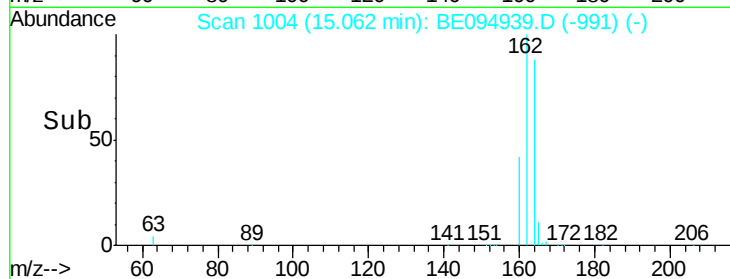
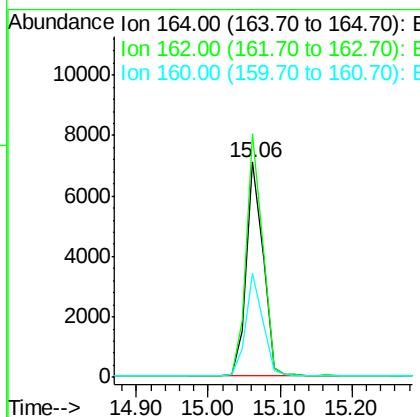
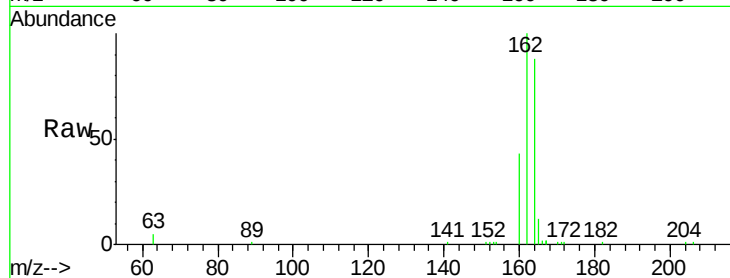




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BE094939.D
 Acq: 6 Dec 2017 5:42

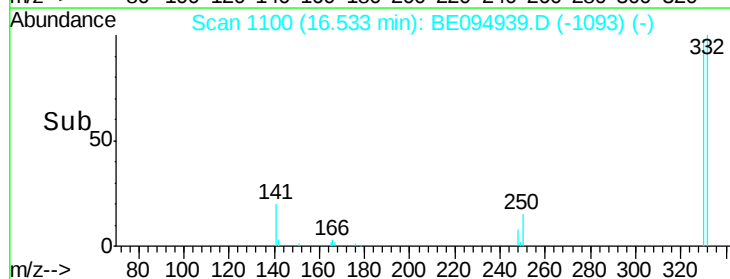
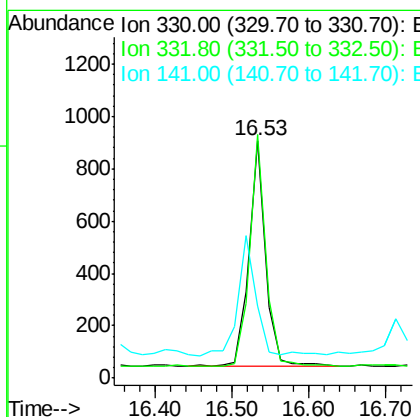
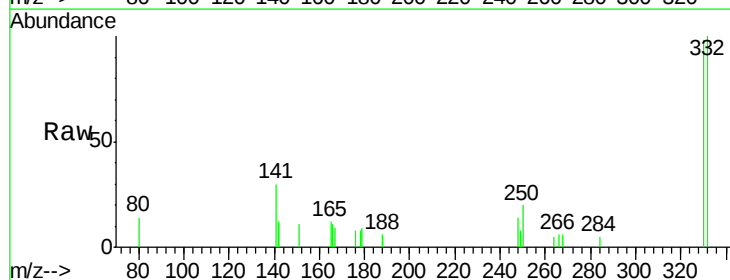
Instrument :
 BNA_E
 ClientSampleId :
 FT-MW05S-20171130

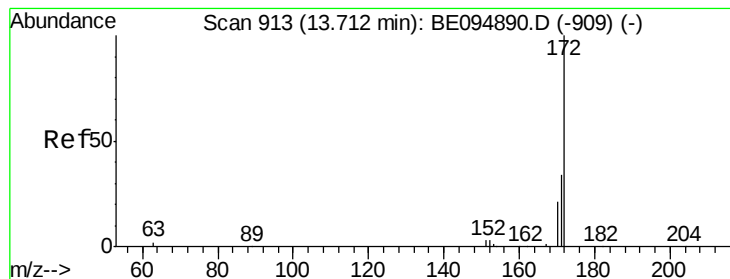
Tot Ion:164 Resp: 11339
 Ion Ratio Lower Upper
 164 100
 162 113.3 83.1 124.7
 160 48.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.521 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094939.D
 Acq: 6 Dec 2017 5:42

Tgt Ion:330 Resp: 1283
 Ion Ratio Lower Upper
 330 100
 332 99.6 152.7 229.1#
 141 56.7 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.413 ng

RT: 13.71 min Scan# 913

Delta R.T. 0.00 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130

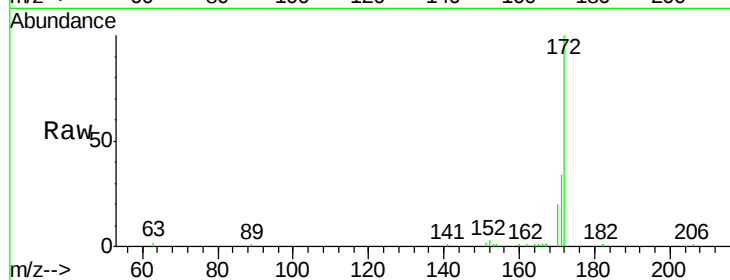
Tot Ion:172 Resp: 20040

Ion Ratio Lower Upper

172 100

171 33.6 29.9 44.9

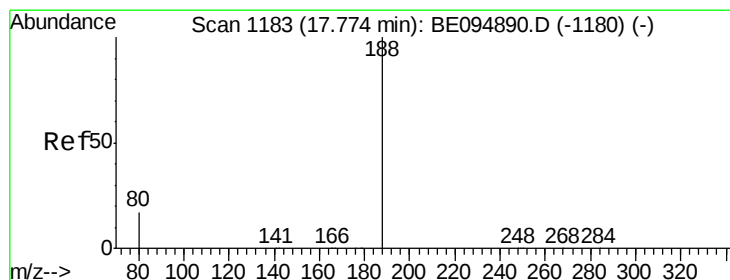
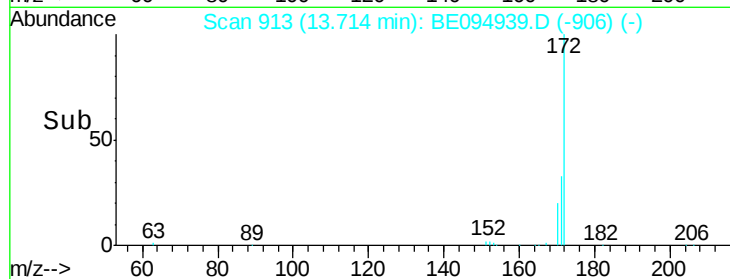
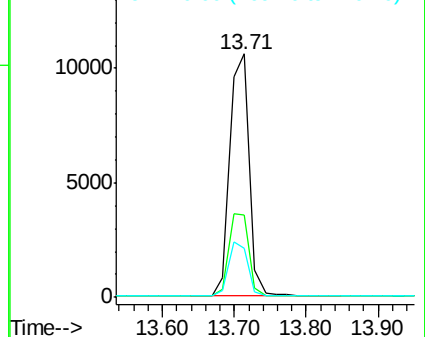
170 20.1 21.8 32.8#



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

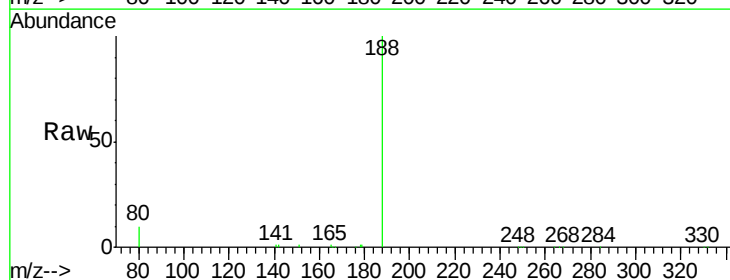
Tgt Ion:188 Resp: 27468

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

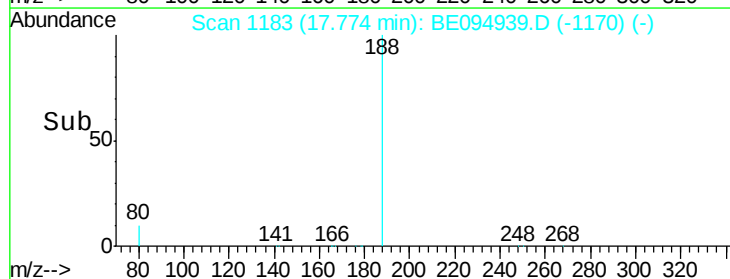
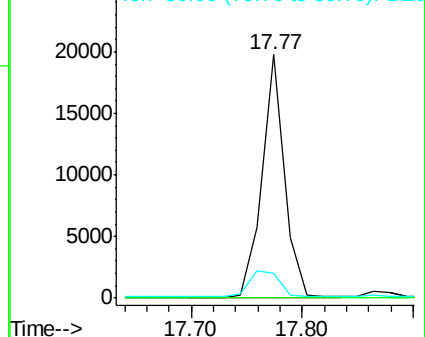
80 10.2 3.6 5.4#

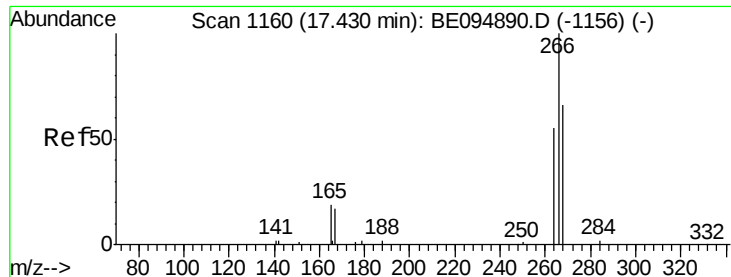


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.134 ng

RT: 17.42 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

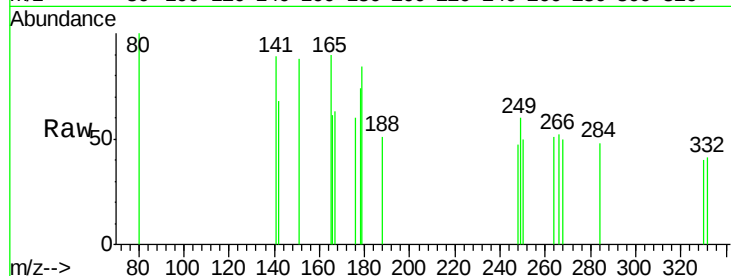
Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130

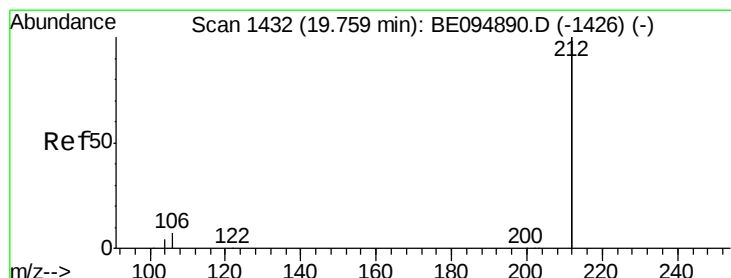
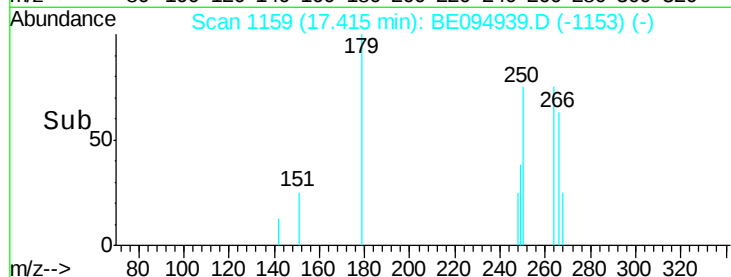
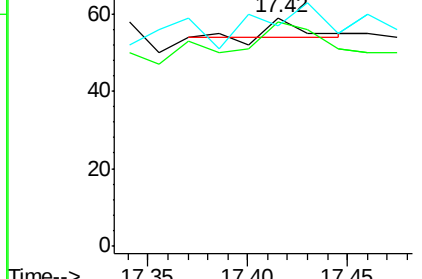
Tot	Ion:266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	98.3	72.5	108.7
268	96.6	73.8	110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.374 ng

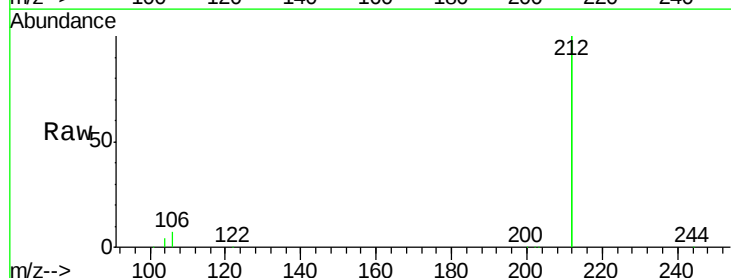
RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

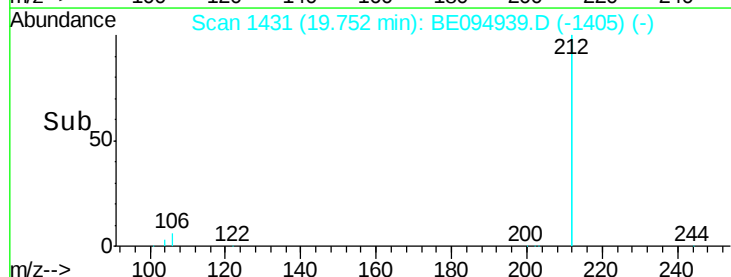
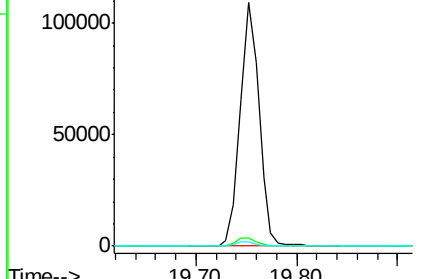
Tgt Ion	Ion:212	Resp:	140262
	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

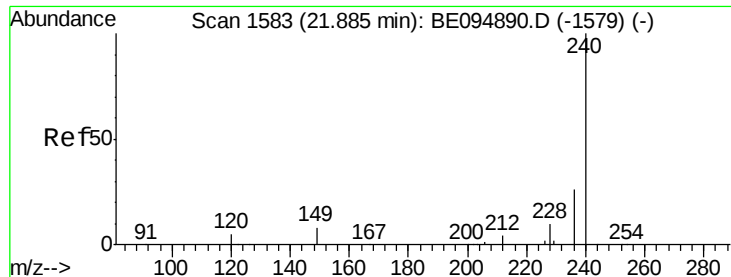


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130

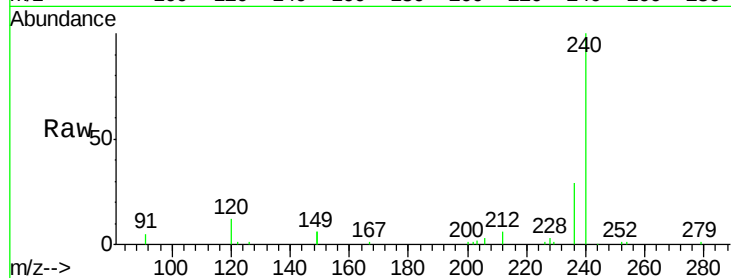
Tot Ion:240 Resp: 29191

Ion Ratio Lower Upper

240 100

120 12.4 5.5 8.3#

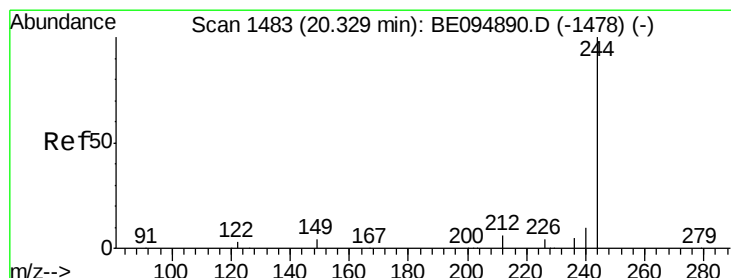
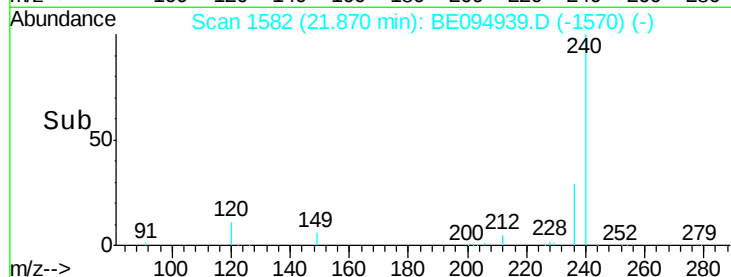
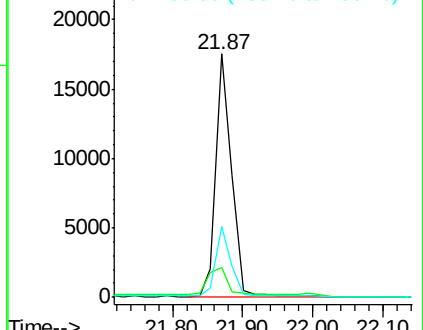
236 29.1 20.7 31.1



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



#29

Terphenyl-d14

Concen: 0.522 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

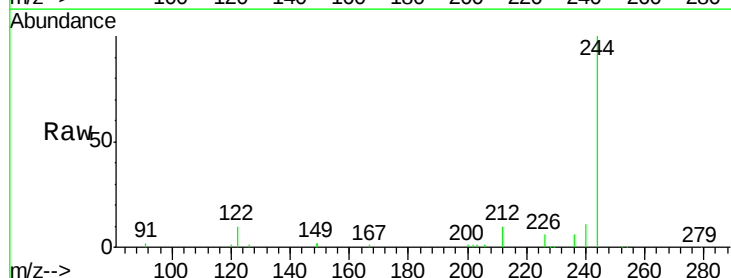
Tgt Ion:244 Resp: 28169

Ion Ratio Lower Upper

244 100

212 9.8 25.4 38.0#

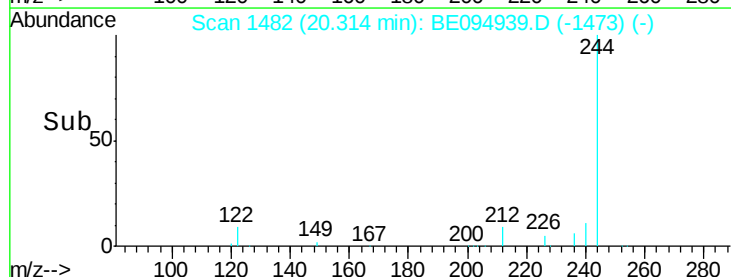
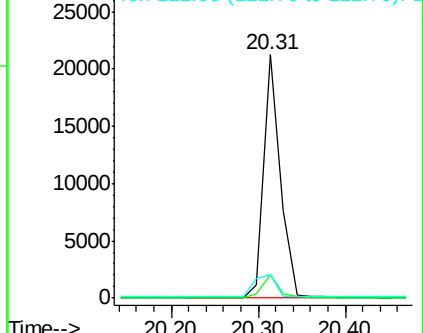
122 9.8 8.1 12.1

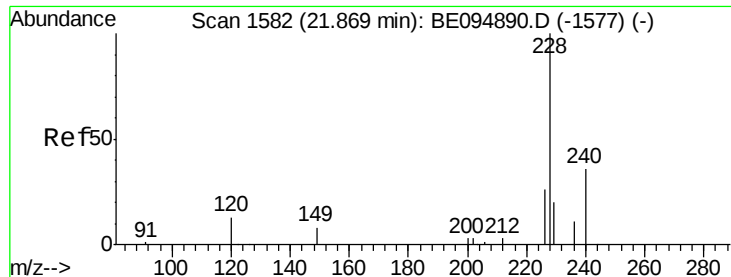


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.020 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130

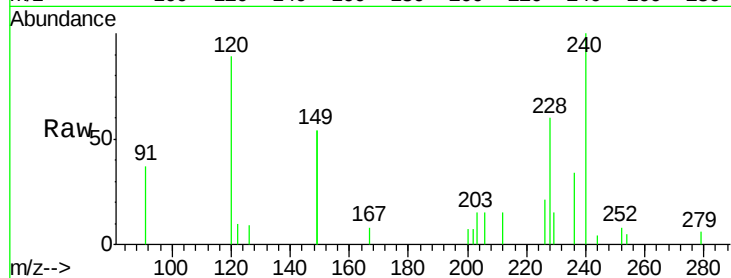
Tot Ion:228 Resp: 1818

Ion Ratio Lower Upper

228 100

226 34.7 40.0 60.0#

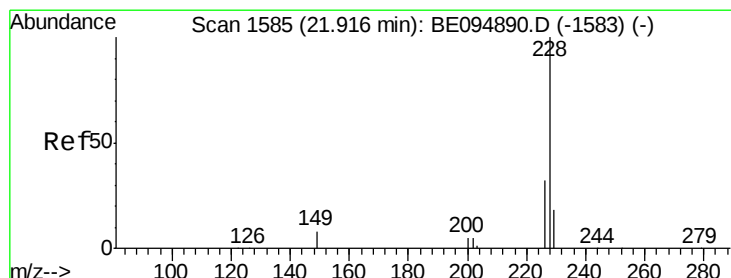
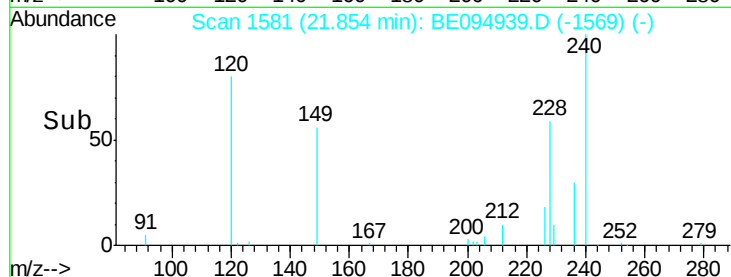
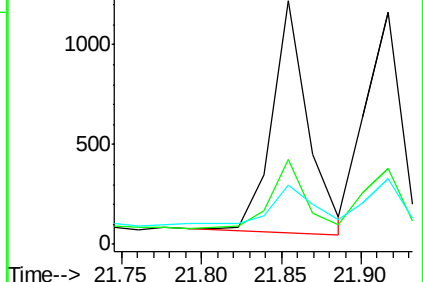
229 24.6 40.0 60.0#



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



#31

Chrysene

Concen: 0.024 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094939.D

Acq: 6 Dec 2017 5:42

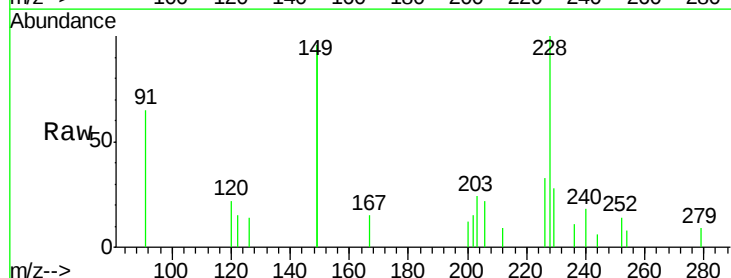
Tgt Ion:228 Resp: 2349

Ion Ratio Lower Upper

228 100

226 32.9 40.0 60.0#

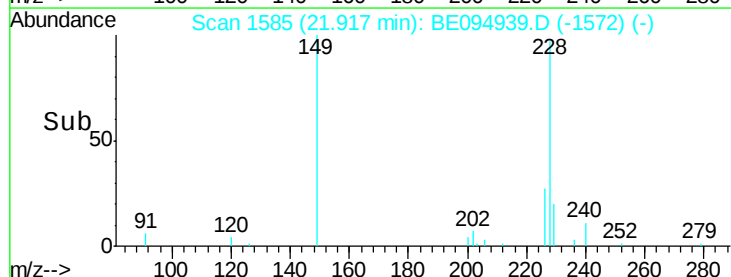
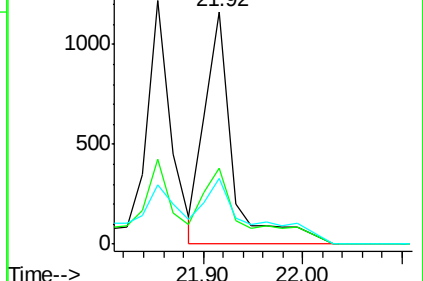
229 28.4 40.0 60.0#

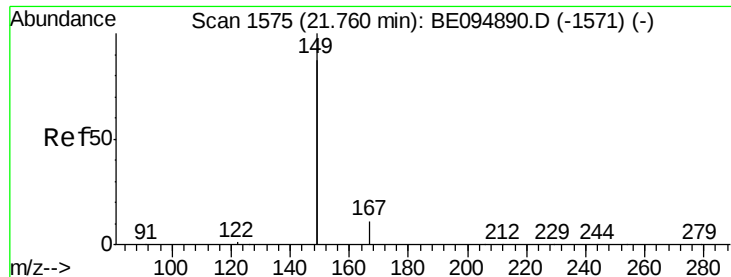


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

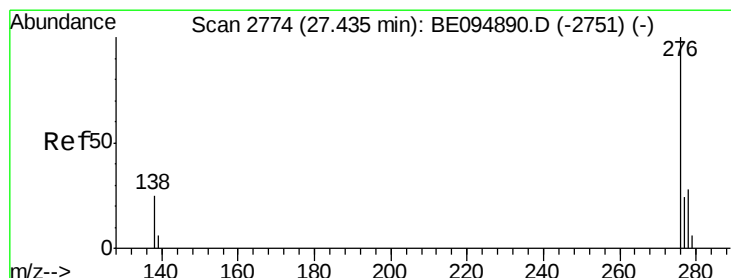
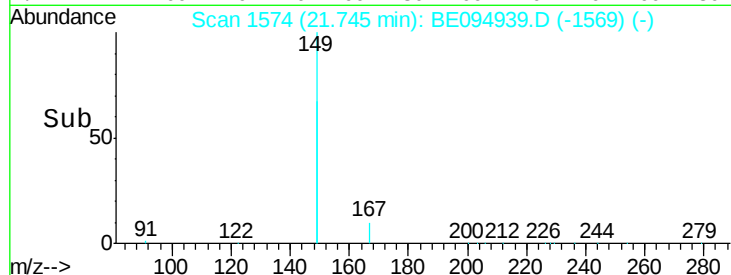
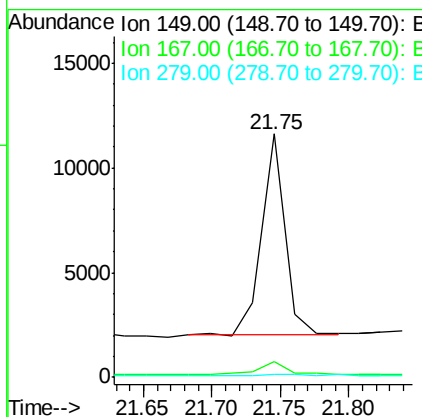
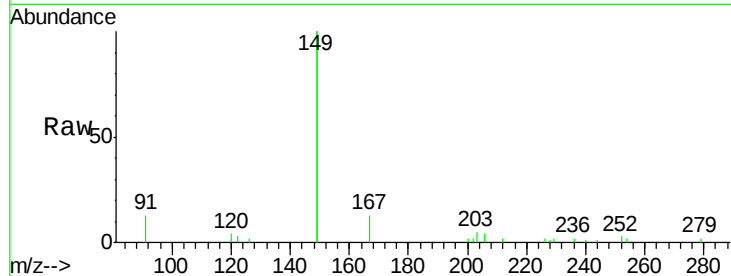




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.75 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BE094939.D
 Acq: 6 Dec 2017 5:42

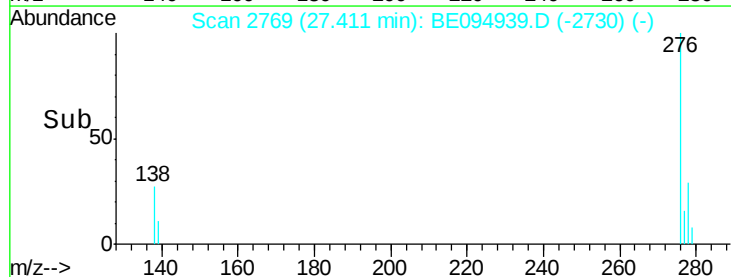
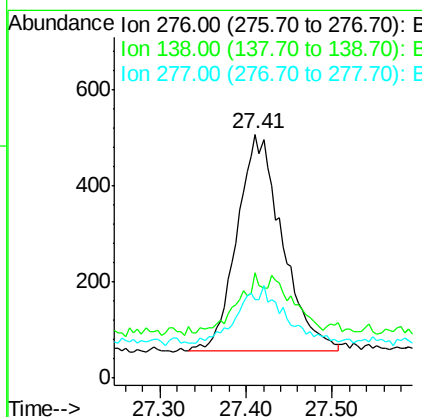
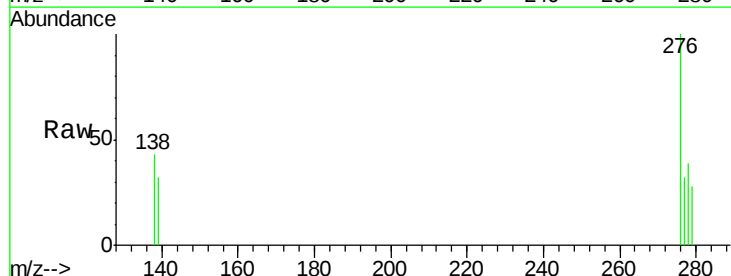
Instrument :
 BNA_E
 ClientSampleId :
 FT-MW05S-20171130

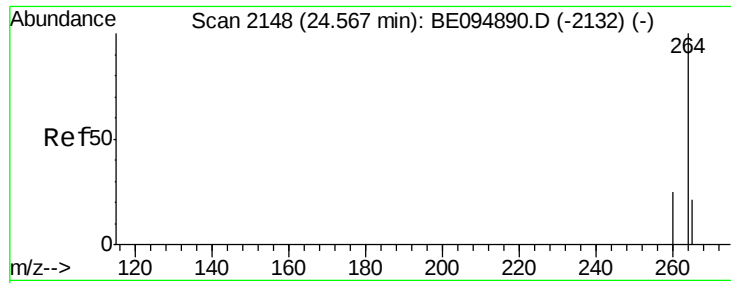
Tot Ion:149 Resp: 11335
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.3 0.7 1.1#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.020 ng
 RT: 27.41 min Scan# 2769
 Delta R.T. -0.02 min
 Lab File: BE094939.D
 Acq: 6 Dec 2017 5:42

Tgt Ion:276 Resp: 1640
 Ion Ratio Lower Upper
 276 100
 138 16.0 22.5 33.7#
 277 11.5 19.9 29.9#

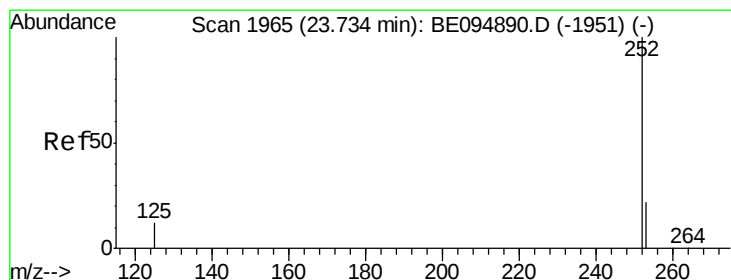
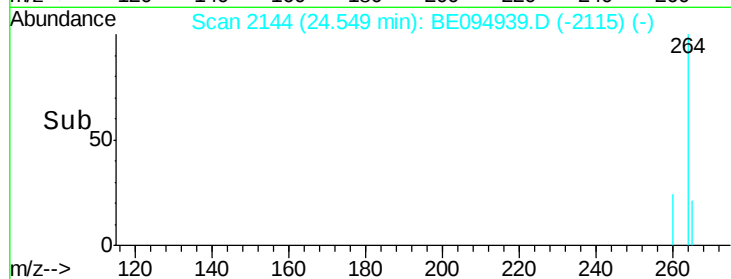
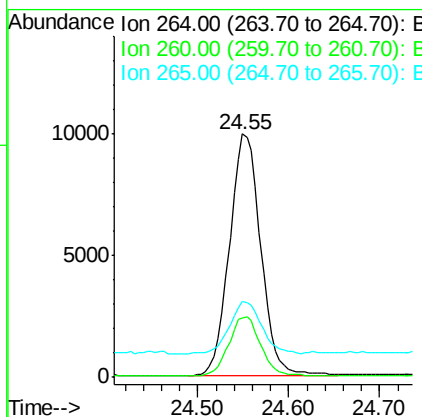
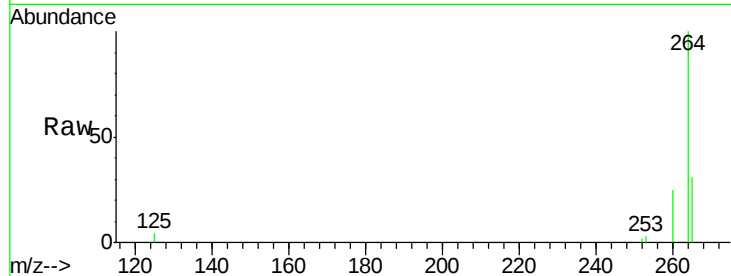




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.55 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BE094939.D
 Acq: 6 Dec 2017 5:42

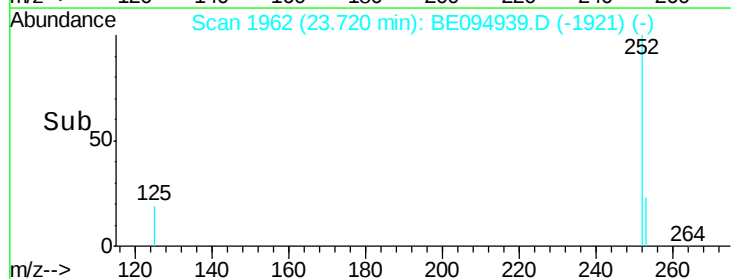
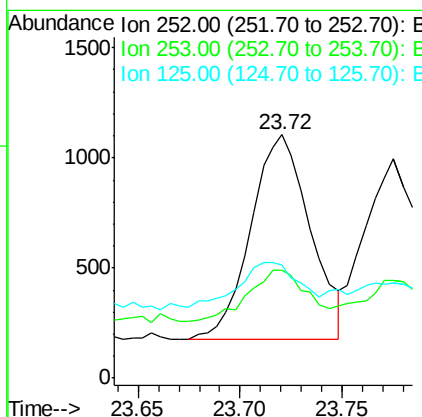
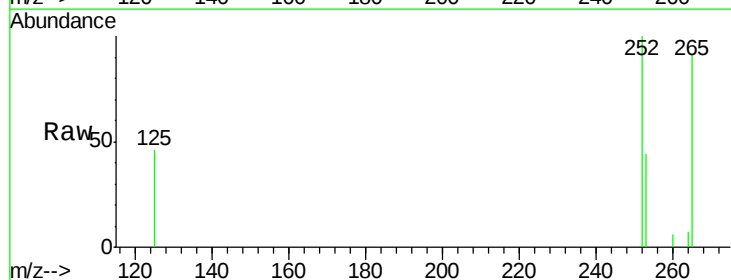
Instrument :
 BNA_E
 ClientSampleId :
 FT-MW05S-20171130

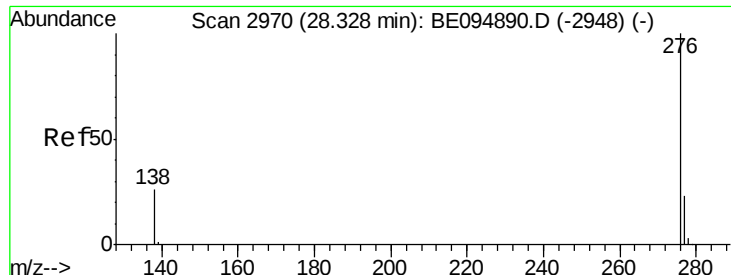
Tot Ion:264 Resp: 23626
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.5 30.7
 265 31.0 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.022 ng
 RT: 23.72 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BE094939.D
 Acq: 6 Dec 2017 5:42

Tgt Ion:252 Resp: 1879
 Ion Ratio Lower Upper
 252 100
 253 44.4 48.0 72.0#
 125 46.3 56.0 84.0#





#39

Benzo(a,h,i)perylene

Concen: 0.023 ng

RT: 28.29 min Scan# 2962

Delta R.T. -0.04 min

Lab File: BE094939.D

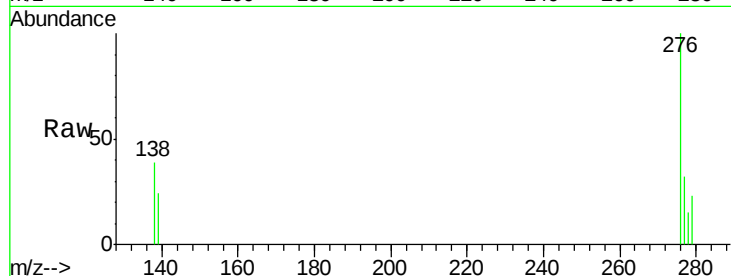
Acq: 6 Dec 2017 5:42

Instrument :

BNA_E

ClientSampleId :

FT-MW05S-20171130



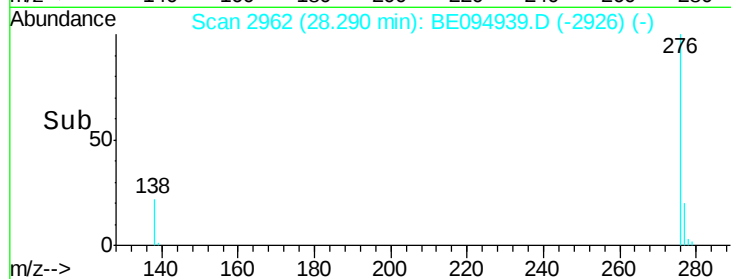
Tot Ion: 276 Resp: 1593

Ion Ratio Lower Upper

276 100

277 32.3 52.0 78.0#

138 39.0 44.0 66.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

28.29

400

300

200

100

0

28.20 28.30 28.40

Time-->