

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097595.D
 Acq On : 21 Sep 2018 4:57
 Operator : SJ/JU
 Sample : J4969-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP07-20180917

Quant Time: Sep 21 06:02:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	711	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2962	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1809	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	5880	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8335	0.40	ng	0.00
34) Perylene-d12	23.20	264	8320	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	444	0.21	ng	0.00
5) Phenol-d6	6.63	99	195	0.07	ng	0.02
8) Nitrobenzene-d5	8.56	82	829	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1827	0.45	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	281	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3123	0.49	ng	0.01
25) Fluoranthene-d10	18.80	212	34609	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8542	0.56	ng	0.00

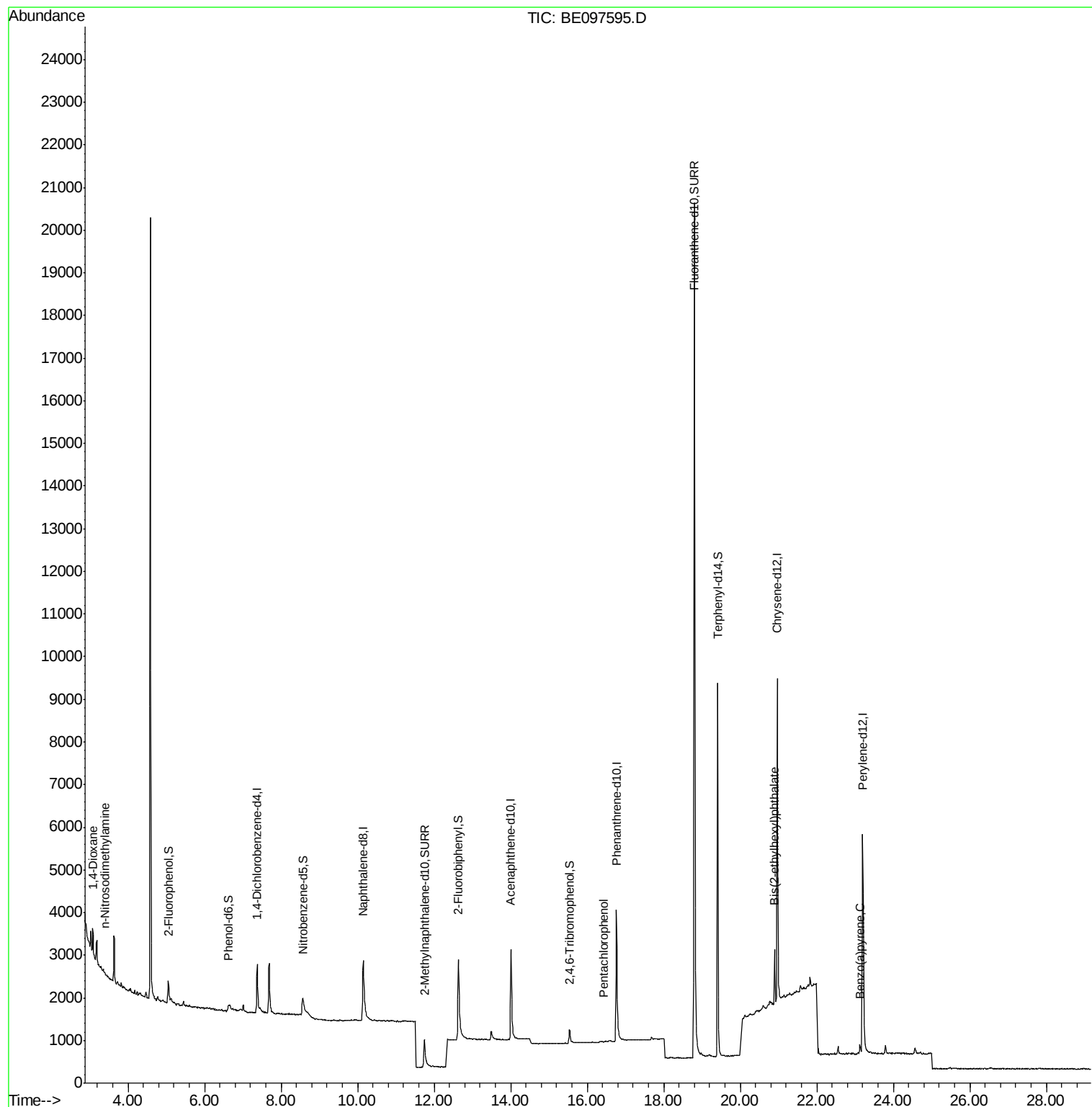
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	422	0.342	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	16	0.031	ng	# 80
22) Pentachlorophenol	16.44	266	3	0.132	ng	92
32) Bis(2-ethylhexyl)phthalate	20.89	149	1630	0.057	ng	# 99
37) Benzo(a)pyrene	23.13	252	53	0.023	ng	# 1

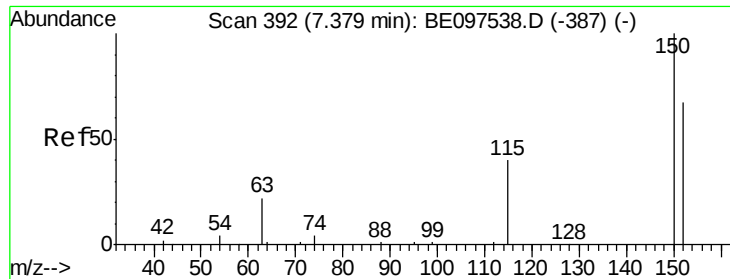
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
Data File : BE097595.D
Acq On : 21 Sep 2018 4:57
Operator : SJ/JU
Sample : J4969-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-DUP07-20180917

Quant Time: Sep 21 06:02:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

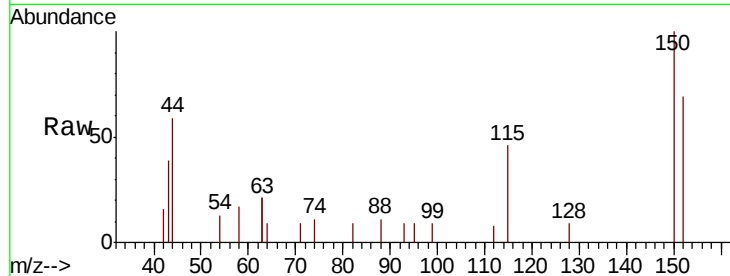




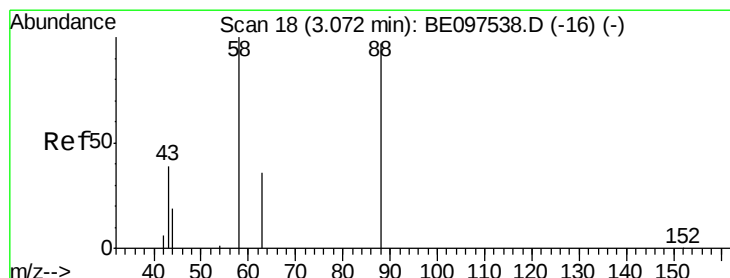
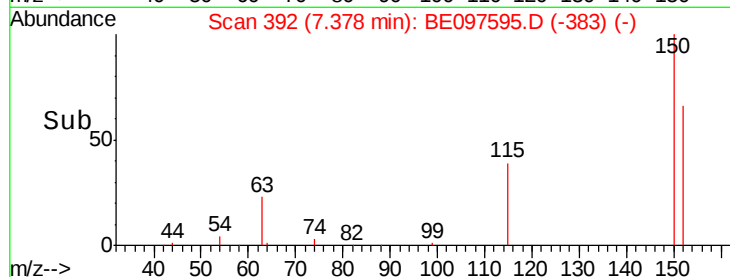
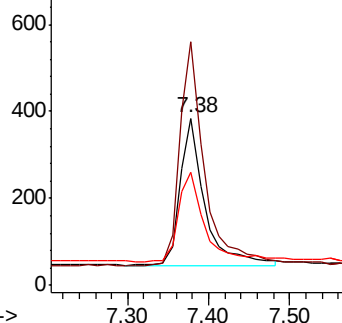
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BE097595.D
 Acq: 21 Sep 2018 4:57

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP07-20180917

Tgt Ion: 152 Resp: 711
 Ion Ratio Lower Upper
 152 100
 150 145.5 117.2 175.8
 115 67.3 57.0 85.6

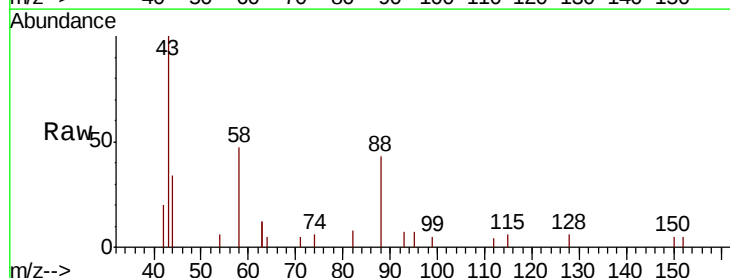


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

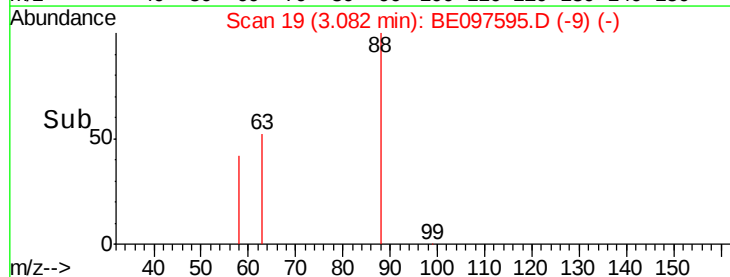
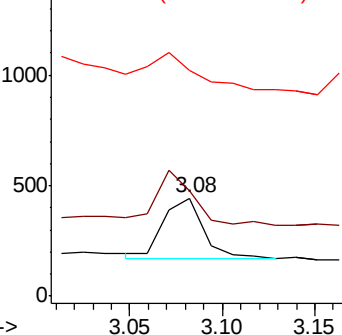


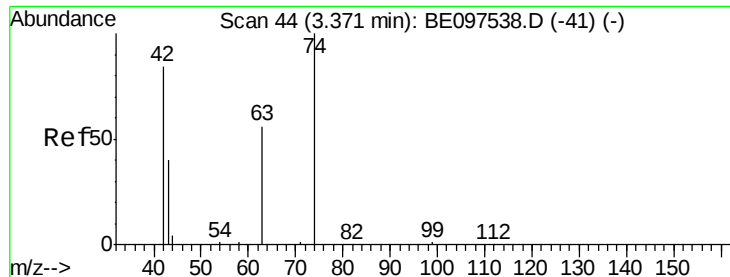
#2
 1,4-Dioxane
 Concen: 0.342 ng
 RT: 3.08 min Scan# 19
 Delta R.T. 0.01 min
 Lab File: BE097595.D
 Acq: 21 Sep 2018 4:57

Tgt Ion: 88 Resp: 422
 Ion Ratio Lower Upper
 88 100
 58 80.6 63.2 94.8
 43 70.6 41.2 61.8#



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: 0.031 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Instrument :

BNA_E

ClientSampleId :

FT-DUP07-20180917

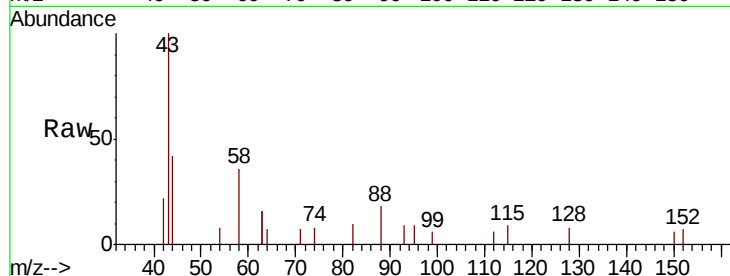
Tgt Ion: 42 Resp: 16

Ion Ratio Lower Upper

42 100

74 100.0 96.0 144.0

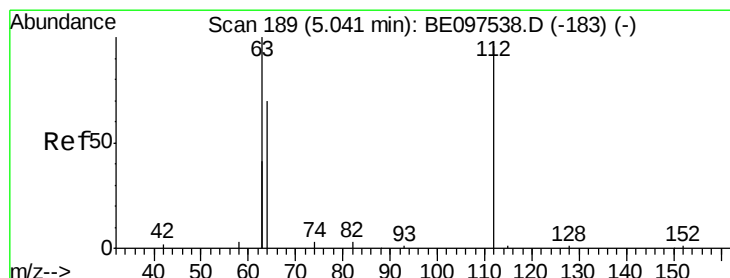
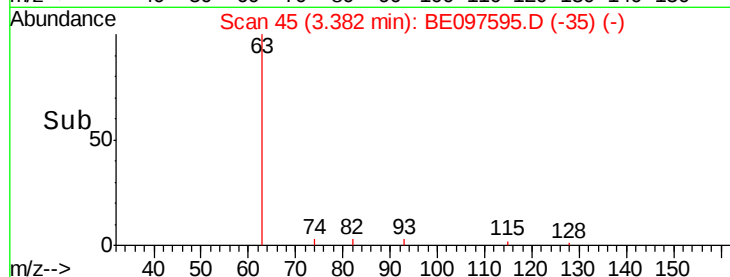
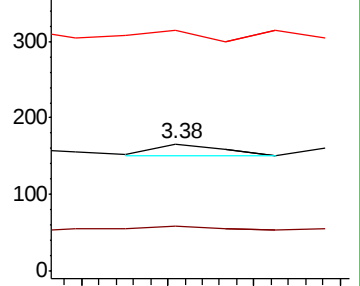
44 0.0 12.0 18.0#



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: 0.208 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

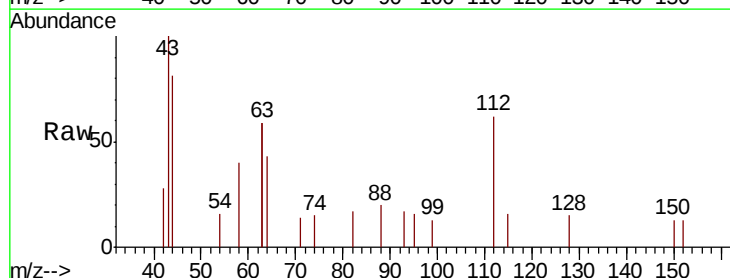
Tgt Ion: 112 Resp: 444

Ion Ratio Lower Upper

112 100

64 64.0 60.1 90.1

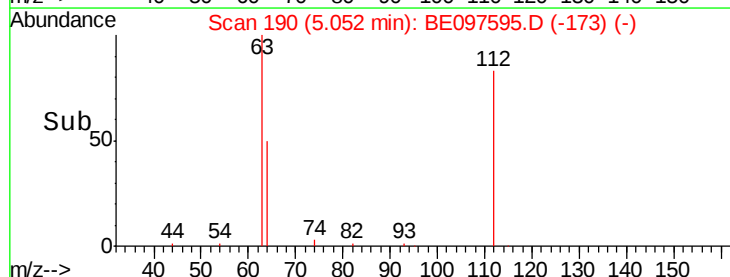
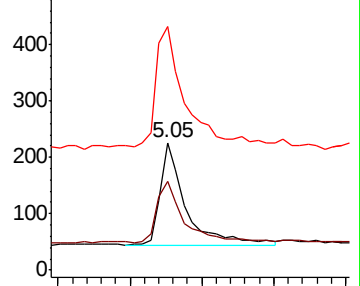
63 135.8 116.8 175.2

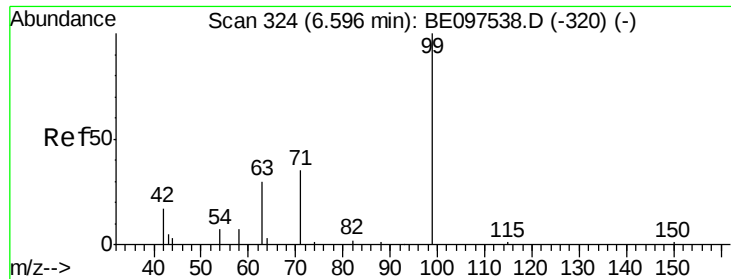


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.072 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.02 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Instrument :

BNA_E

ClientSampleId :

FT-DUP07-20180917

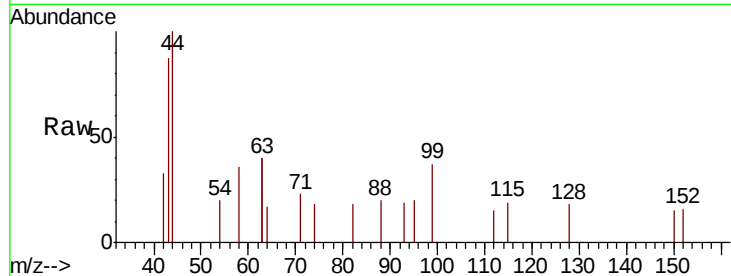
Tgt Ion: 99 Resp: 195

Ion Ratio Lower Upper

99 100

42 25.1 20.2 30.2

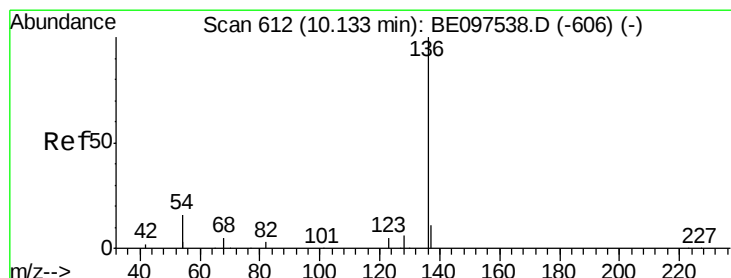
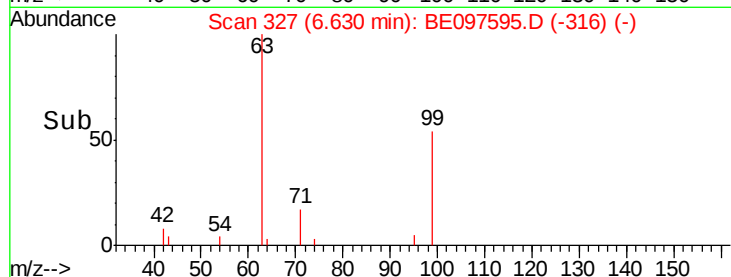
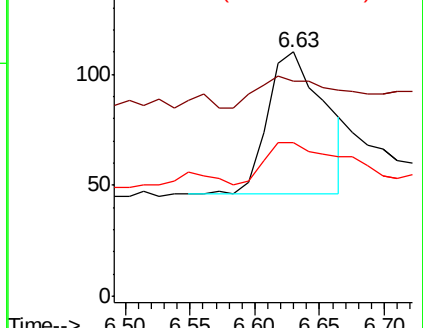
71 32.8 28.4 42.6



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: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Tgt Ion: 136 Resp: 2962

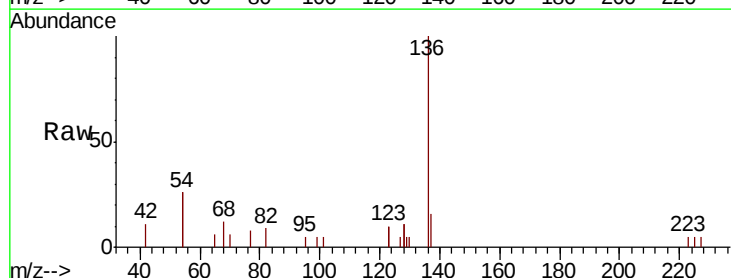
Ion Ratio Lower Upper

136 100

137 16.0 9.5 14.3#

54 52.7 29.1 43.7#

68 11.6 6.2 9.2#

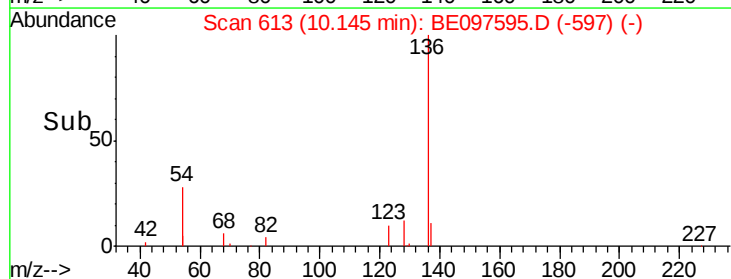
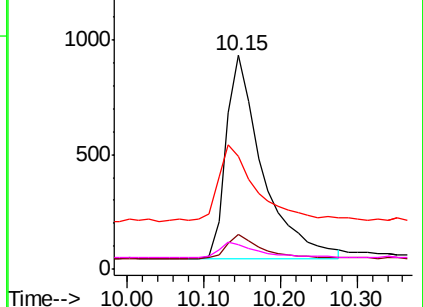


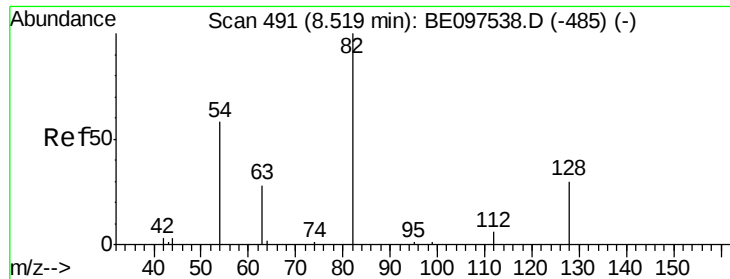
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 8.56 min Scan# 495

Delta R.T. 0.03 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Instrument :

BNA_E

ClientSampleId :

FT-DUP07-20180917

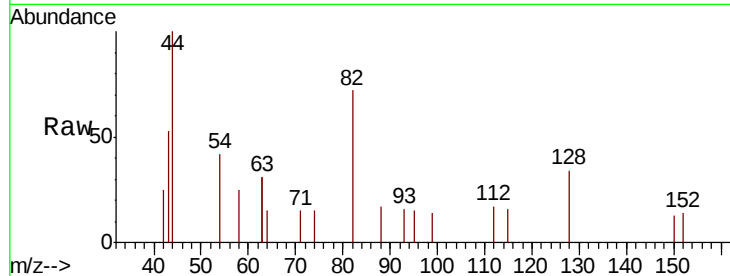
Tgt Ion: 82 Resp: 829

Ion Ratio Lower Upper

82 100

128 47.0 24.0 36.0#

54 57.4 40.0 60.0

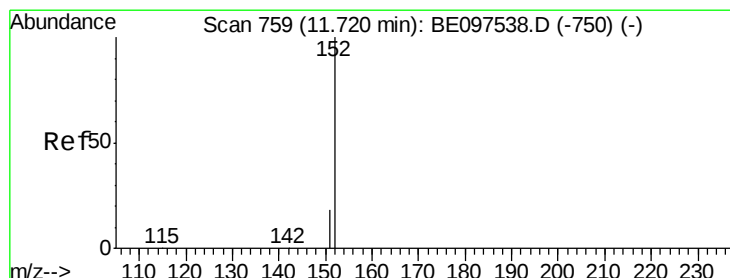
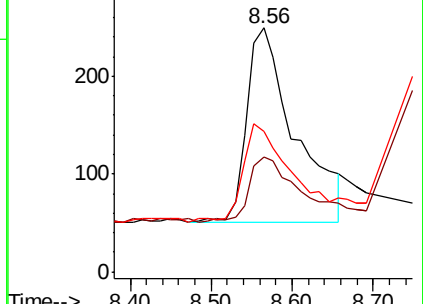
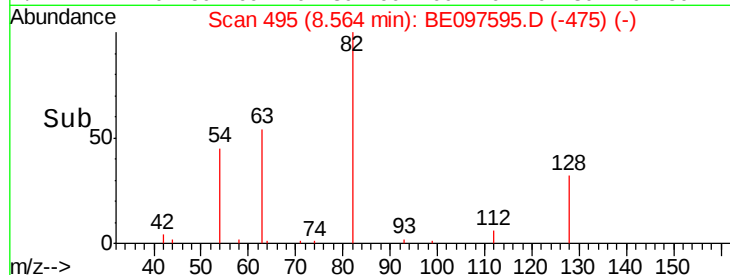


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.447 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE097595.D

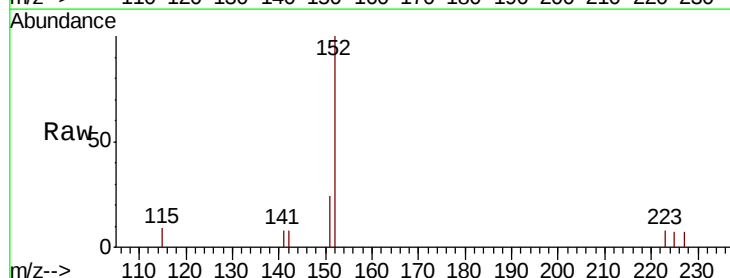
Acq: 21 Sep 2018 4:57

Tgt Ion: 152 Resp: 1827

Ion Ratio Lower Upper

152 100

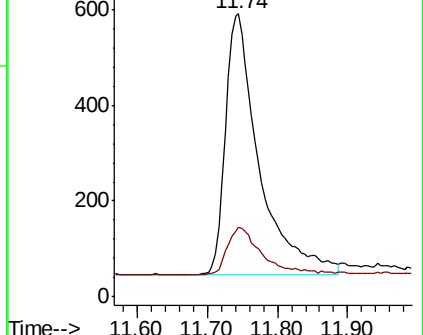
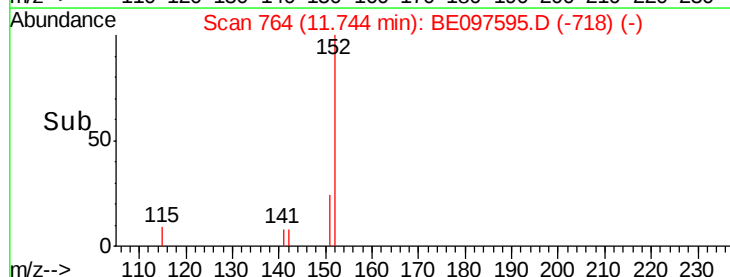
151 18.4 15.4 23.0

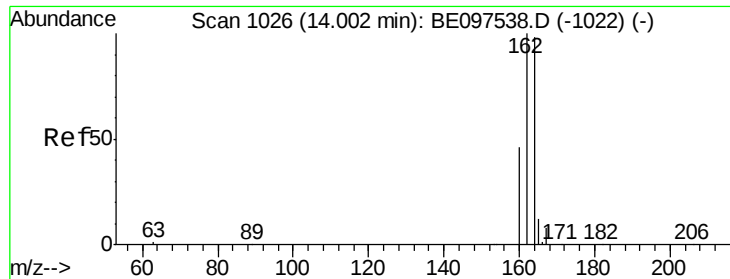


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Instrument :

BNA_E

ClientSampleId :

FT-DUP07-20180917

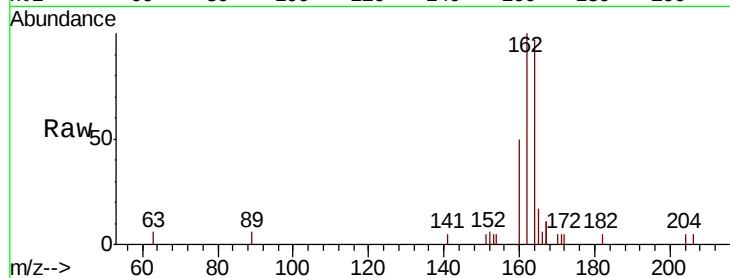
Tgt Ion:164 Resp: 1809

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

160 51.4 37.1 55.7

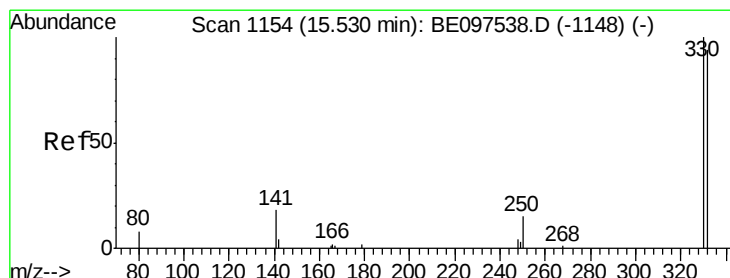
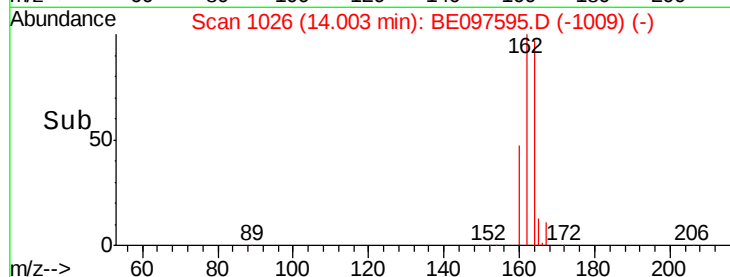
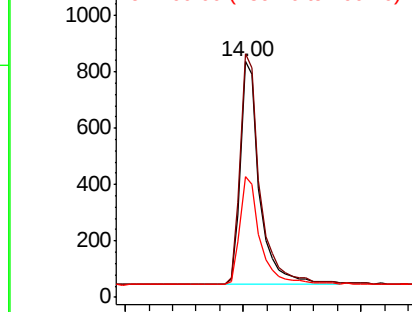


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.412 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

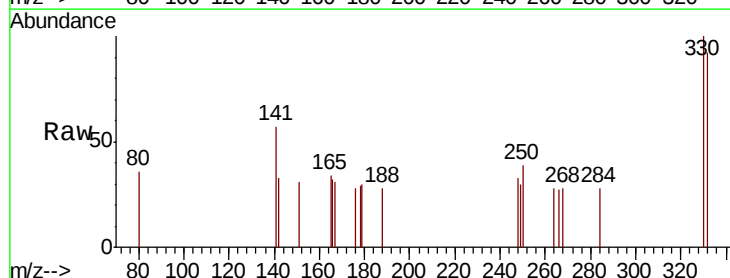
Tgt Ion:330 Resp: 281

Ion Ratio Lower Upper

330 100

332 97.2 152.7 229.1#

141 37.7 33.7 50.5

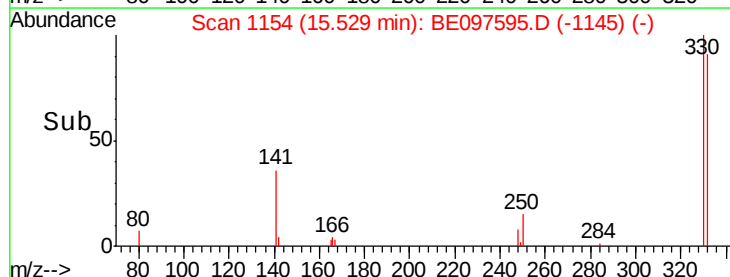
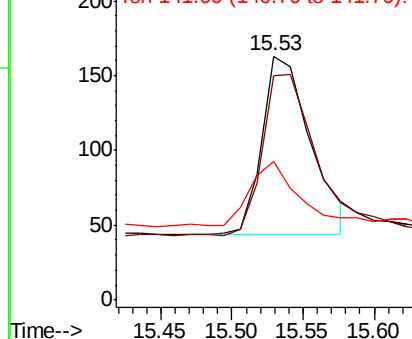


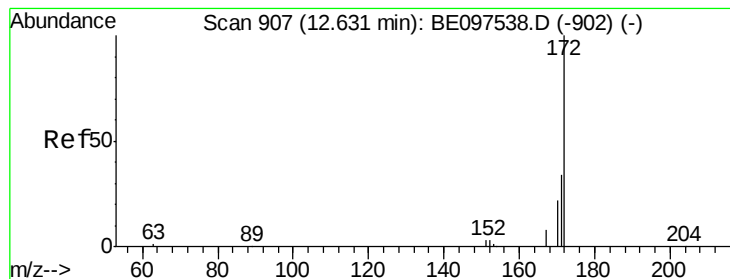
Abundance

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: 0.489 ng

RT: 12.63 min Scan# 907

Delta R.T. 0.01 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Instrument :

BNA_E

ClientSampleId :

FT-DUP07-20180917

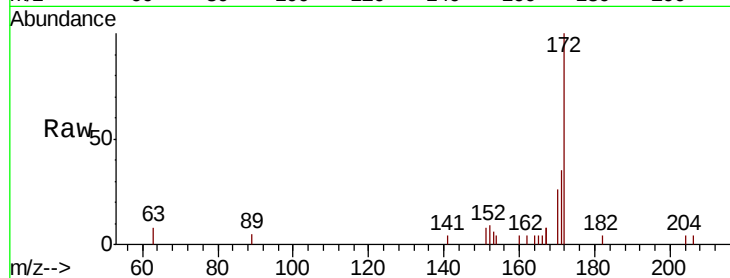
Tgt Ion:172 Resp: 3123

Ion Ratio Lower Upper

172 100

171 35.1 29.9 44.9

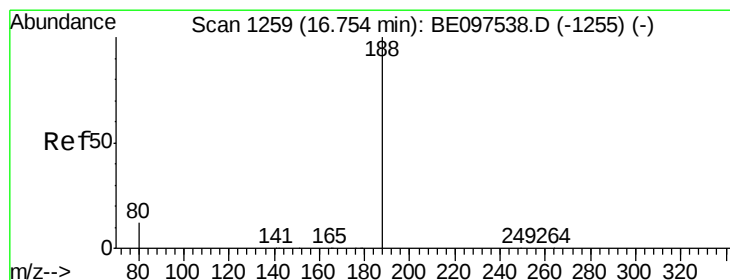
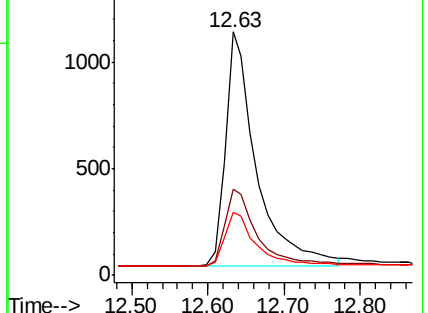
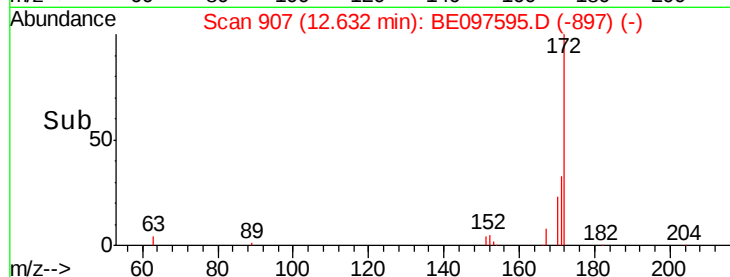
170 25.9 21.8 32.8



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: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

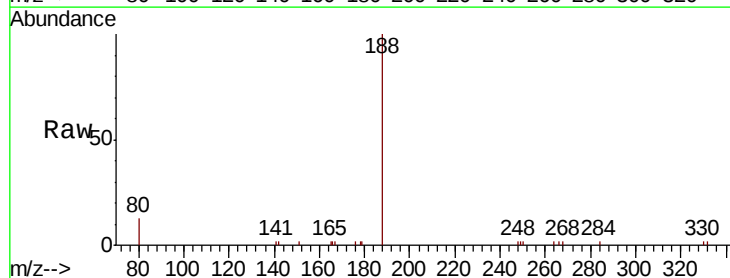
Tgt Ion:188 Resp: 5880

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

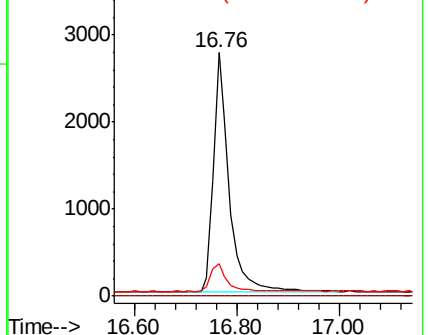
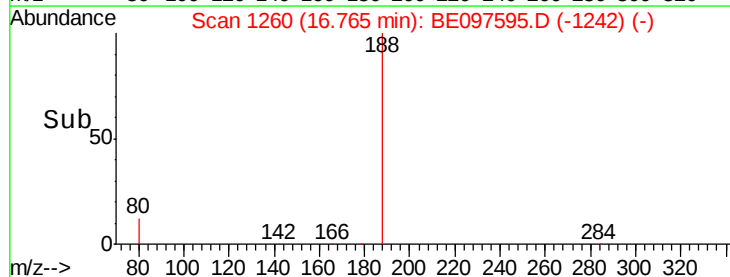
80 13.3 3.6 5.4#

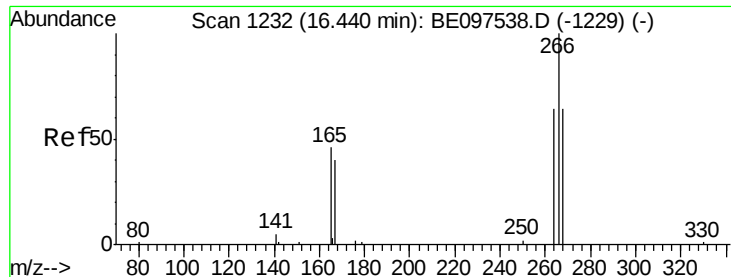


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

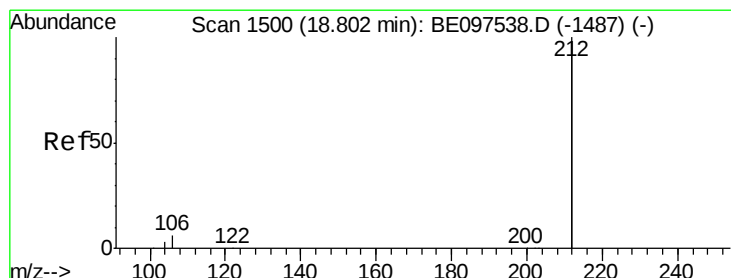
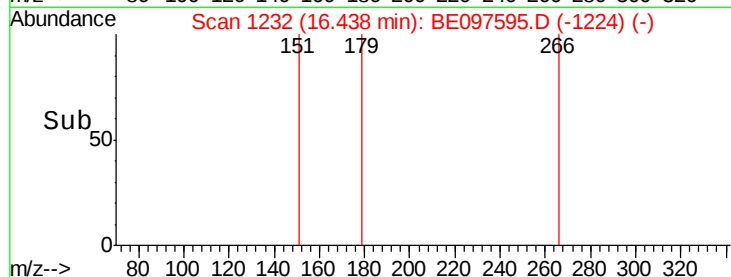
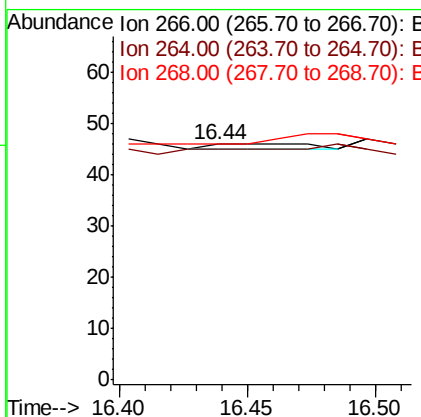
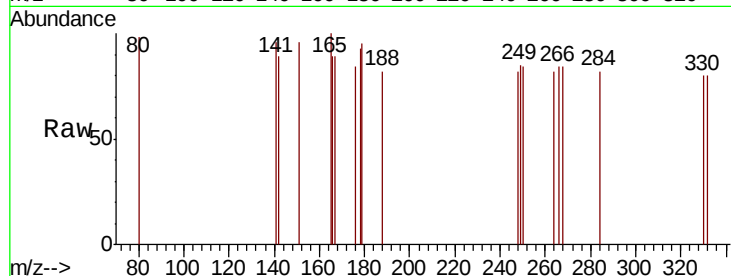




#22
 Pentachlorophenol
 Concen: 0.132 ng
 RT: 16.44 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE097595.D
 Acq: 21 Sep 2018 4:57

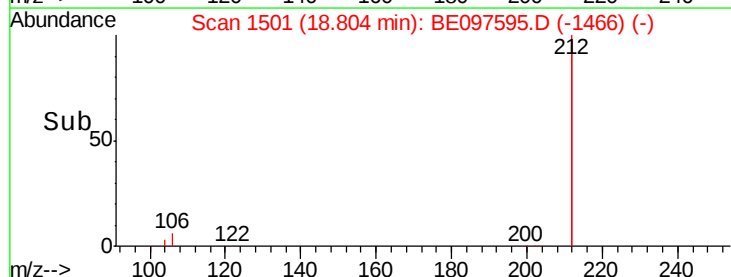
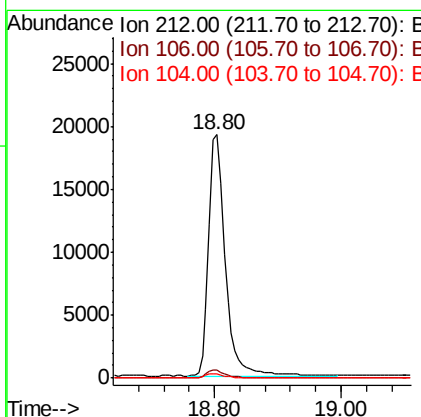
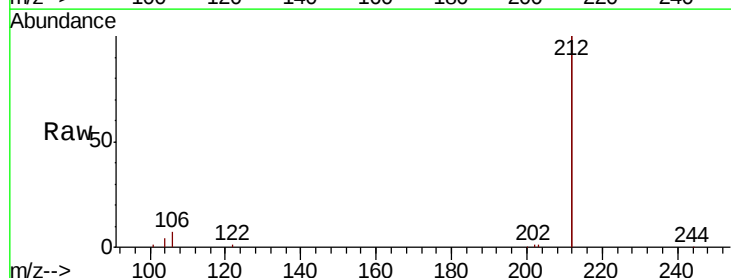
Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP07-20180917

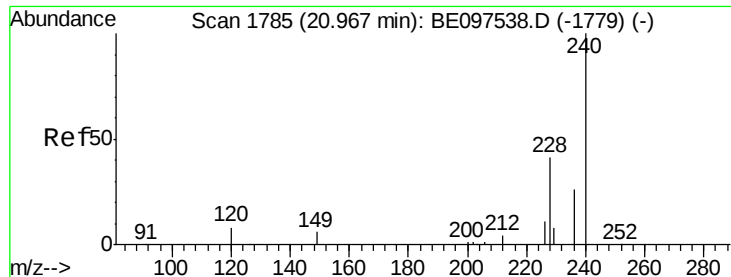
Tgt Ion: 266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 97.8 72.5 108.7
 268 100.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.460 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BE097595.D
 Acq: 21 Sep 2018 4:57

Tgt Ion: 212 Resp: 34609
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Instrument :

BNA_E

ClientSampleId :

FT-DUP07-20180917

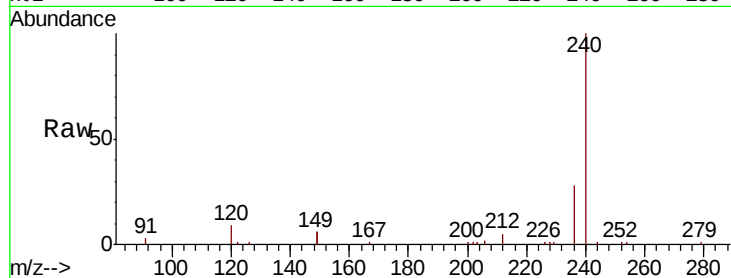
Tgt Ion:240 Resp: 8335

Ion Ratio Lower Upper

240 100

120 8.6 5.5 8.3#

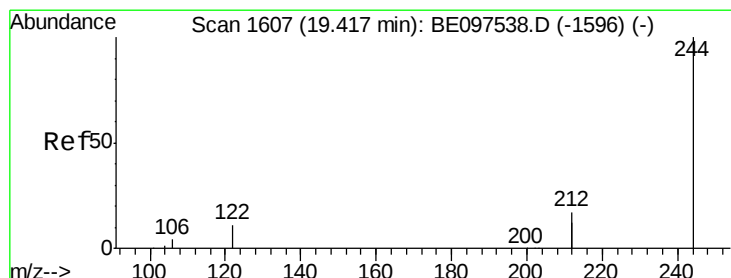
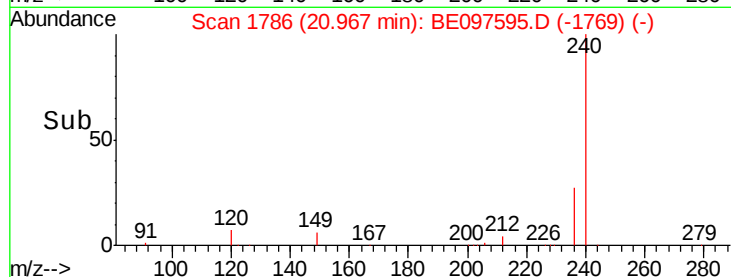
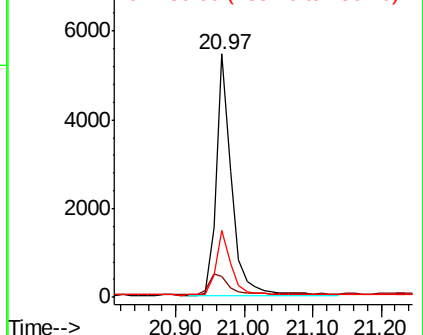
236 27.5 20.7 31.1



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: 0.560 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

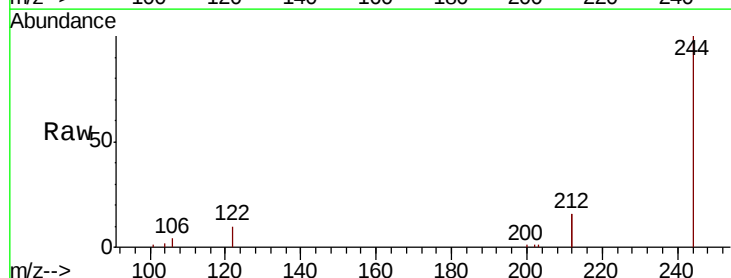
Tgt Ion:244 Resp: 8542

Ion Ratio Lower Upper

244 100

212 31.1 25.4 38.0

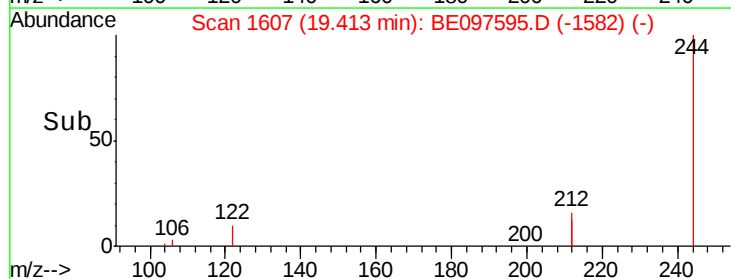
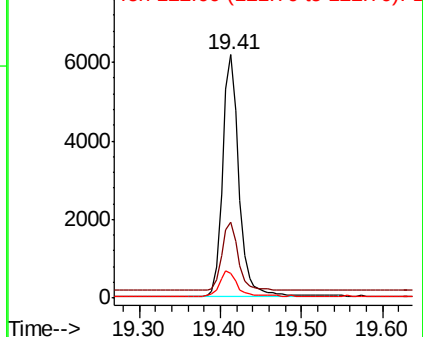
122 10.4 8.1 12.1

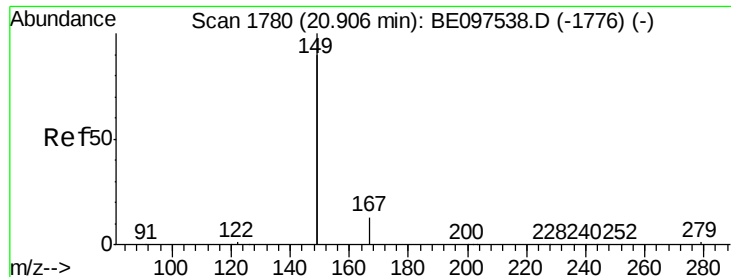


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

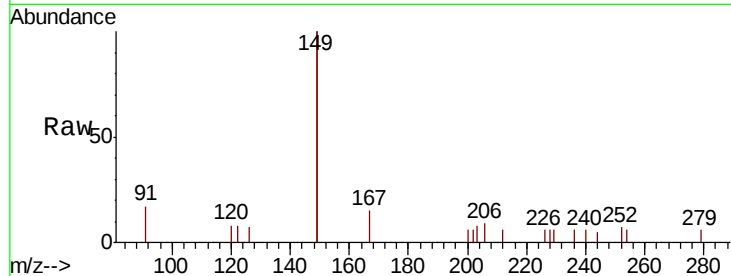




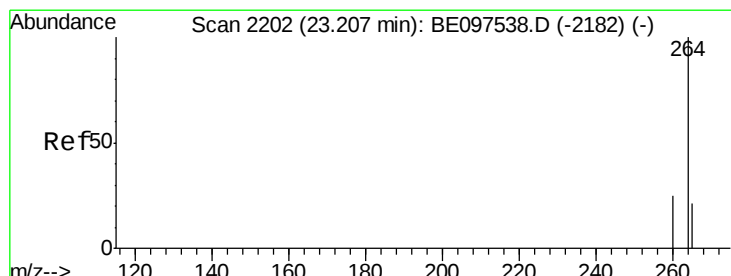
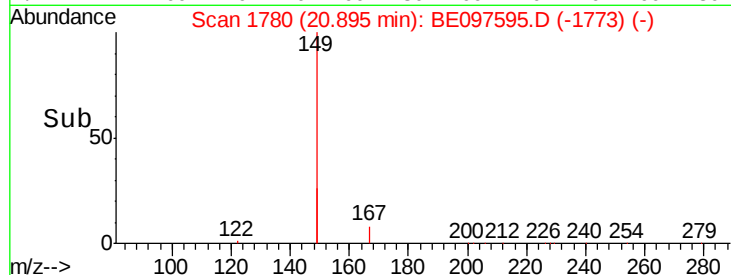
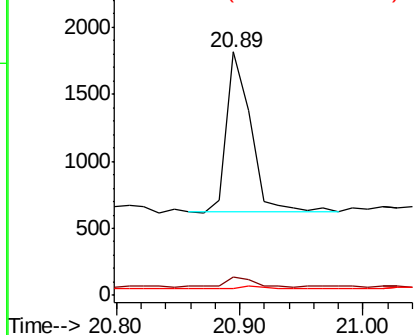
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097595.D
 Acq: 21 Sep 2018 4:57

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP07-20180917

Tgt Ion:149 Resp: 1630
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.8 0.7 1.1#

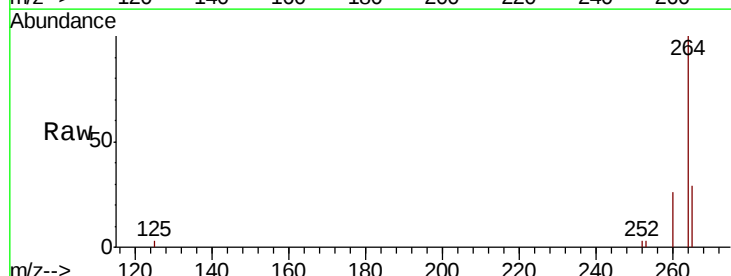


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

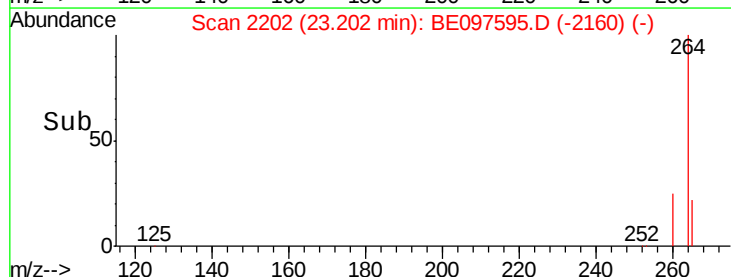
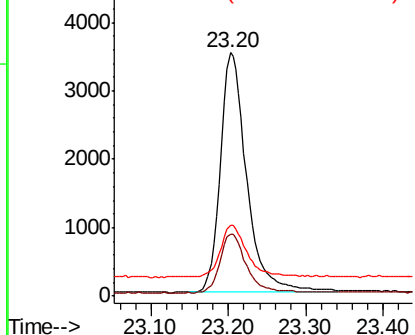


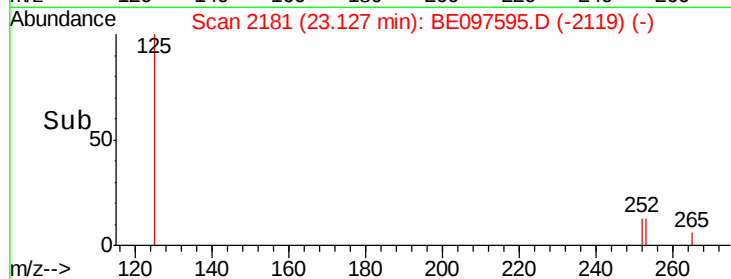
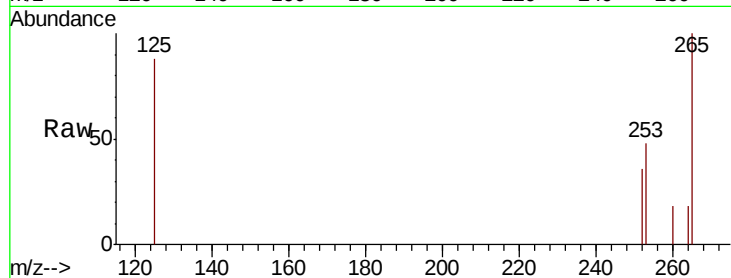
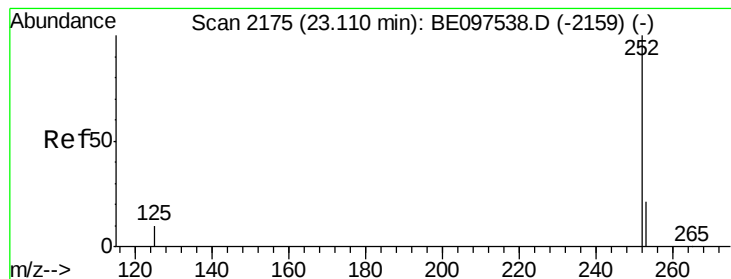
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097595.D
 Acq: 21 Sep 2018 4:57

Tgt Ion:264 Resp: 8320
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 29.0 22.8 34.2



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





#37

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.13 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE097595.D

Acq: 21 Sep 2018 4:57

Instrument :

BNA_E

ClientSampleId :

FT-DUP07-20180917

Tgt Ion: 252 Resp: 53

Ion Ratio Lower Upper

252 100

253 133.3 16.0 24.0#

125 242.9 12.0 18.0#

