

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097586.D
 Acq On : 20 Sep 2018 22:44
 Operator : SJ/JU
 Sample : J4934-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ460I-20180912

Quant Time: Sep 21 06:01:19 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	813	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3665	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2215	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7641	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10230	0.40	ng	0.00
34) Perylene-d12	23.20	264	9965	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	513	0.21	ng	0.00
5) Phenol-d6	6.65	99	167	0.05	ng	0.04
8) Nitrobenzene-d5	8.55	82	1256	0.44	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2489	0.49	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	687	0.72	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	5319	0.68	ng	0.01
25) Fluoranthene-d10	18.80	212	51164	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	12163	0.65	ng	0.00

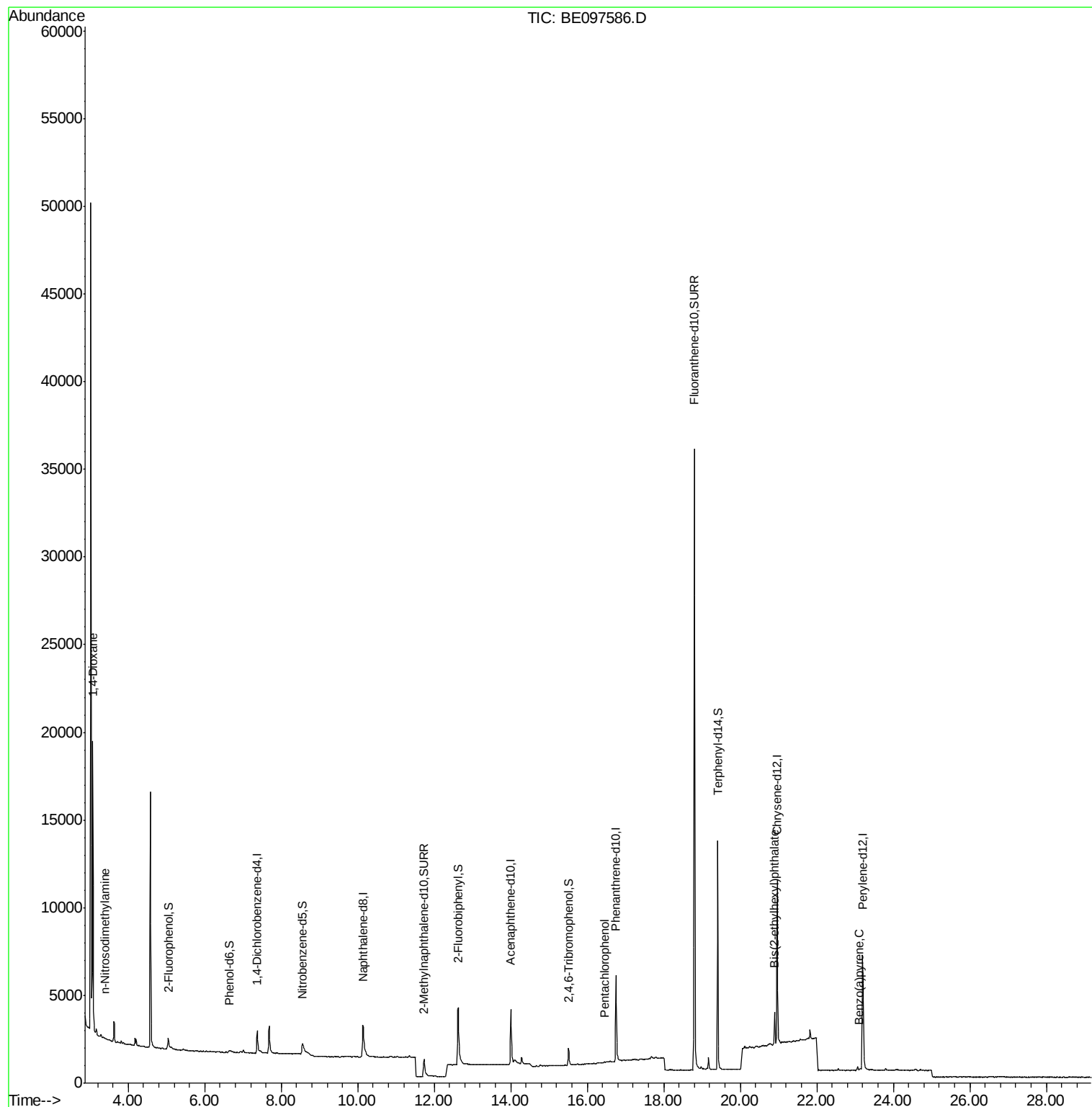
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	8816	7.040	ng	# 88
3) n-Nitrosodimethylamine	3.39	42	10	0.025	ng	# 1
22) Pentachlorophenol	16.45	266	12	0.137	ng	94
32) Bis(2-ethylhexyl)phthalate	20.89	149	2616	0.071	ng	# 96
37) Benzo(a)pyrene	23.10	252	4	0.021	ng	# 1

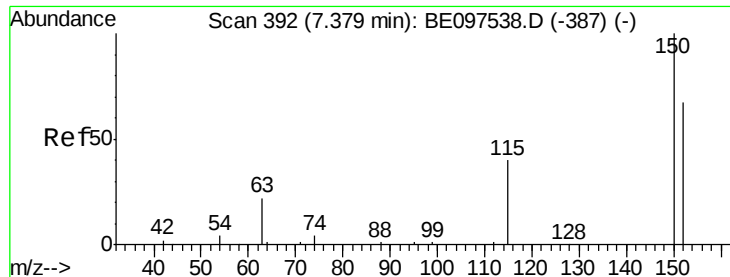
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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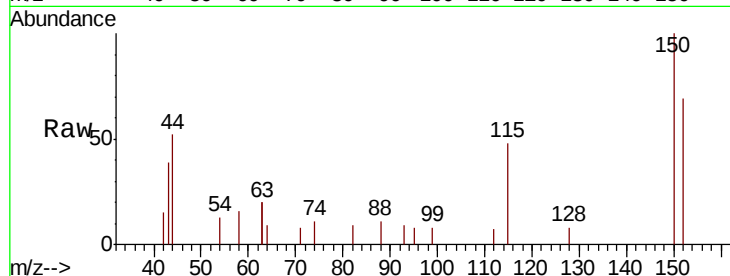


#1

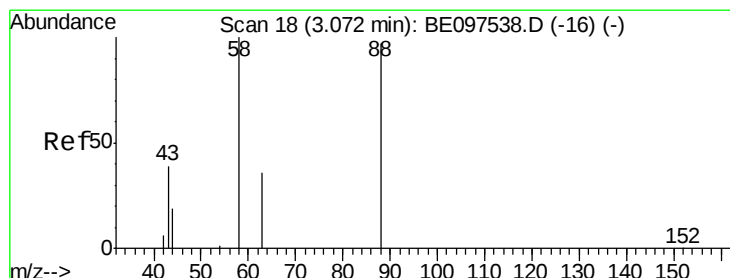
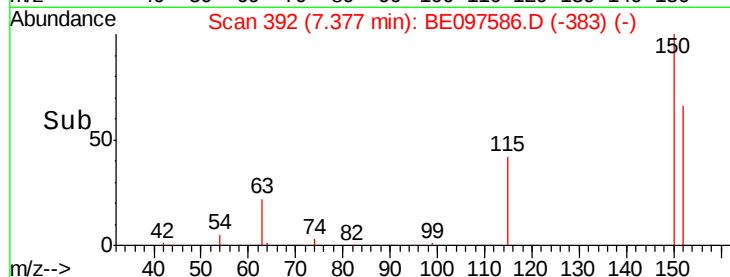
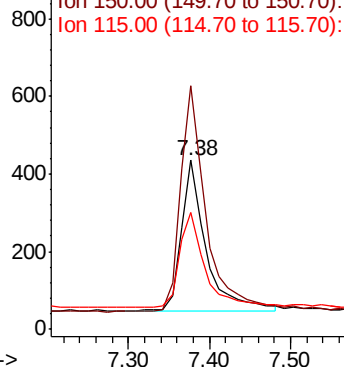
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912

Tgt Ion:152 Resp: 813
Ion Ratio Lower Upper
152 100
150 144.1 117.2 175.8
115 69.0 57.0 85.6



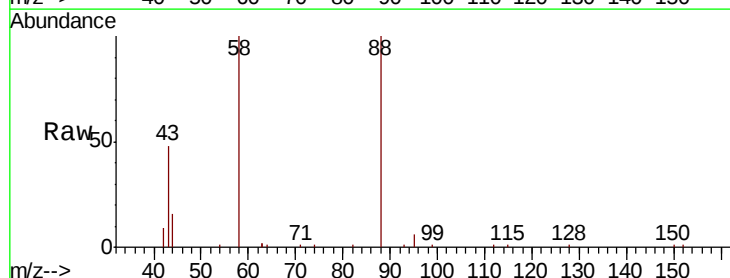
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



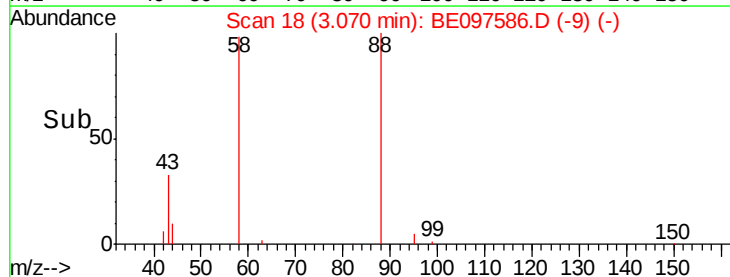
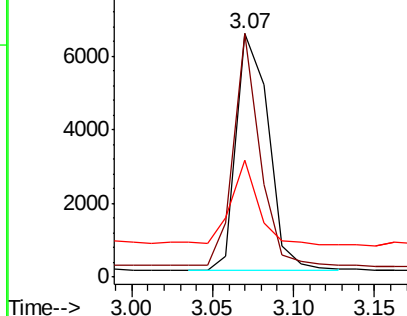
#2

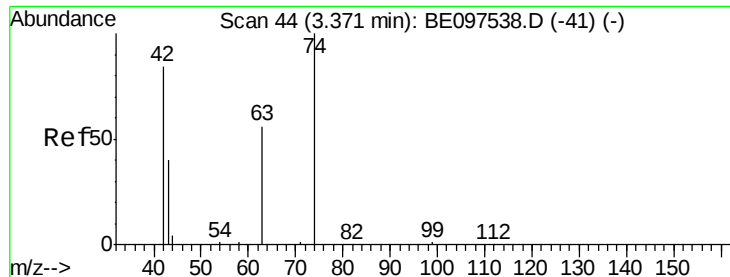
1,4-Dioxane
Concen: 7.040 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Tgt Ion: 88 Resp: 8816
Ion Ratio Lower Upper
88 100
58 79.0 63.2 94.8
43 30.5 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: 0.025 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

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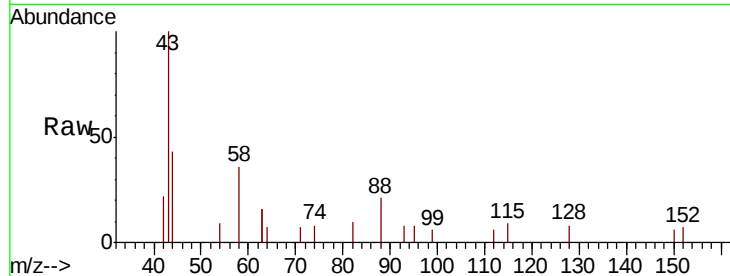
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

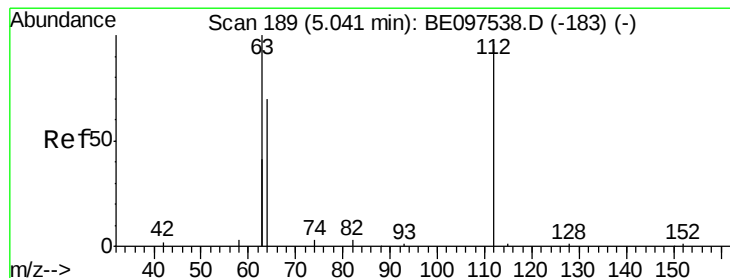
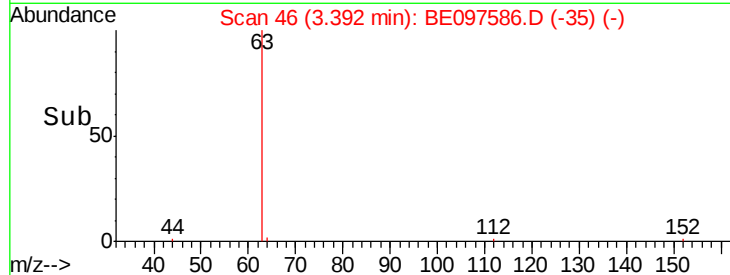
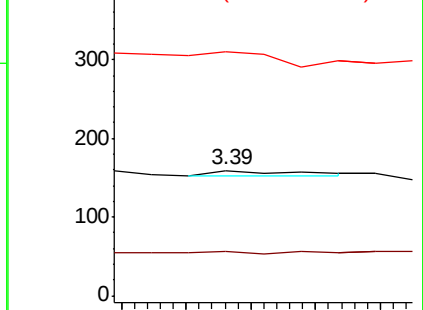
42 100

74 20.0 96.0 144.0#

44 650.0 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: 0.211 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

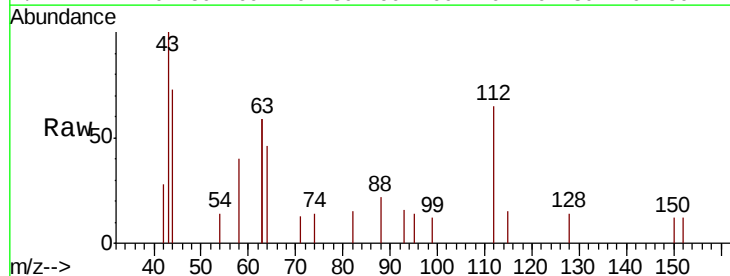
Tgt Ion: 112 Resp: 513

Ion Ratio Lower Upper

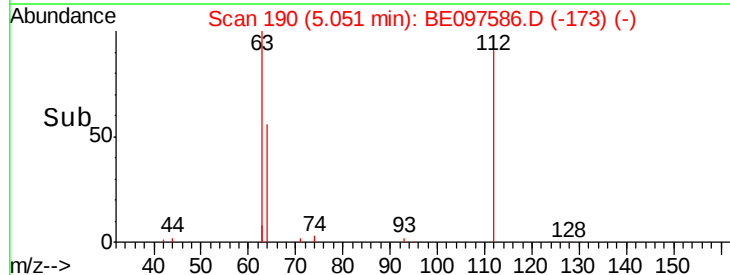
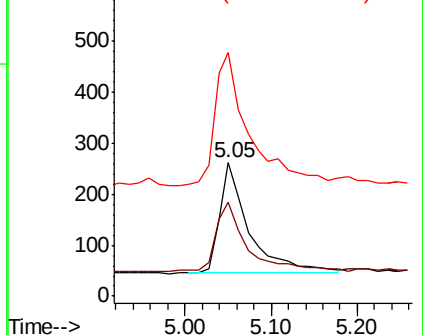
112 100

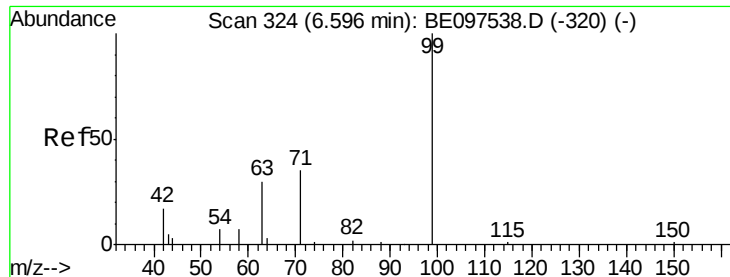
64 69.8 60.1 90.1

63 143.9 116.8 175.2



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: 0.054 ng

RT: 6.65 min Scan# 329

Delta R.T. 0.04 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

FT-PZ460I-20180912

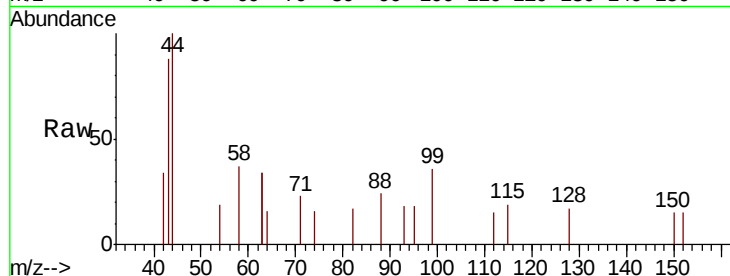
Tgt Ion: 99 Resp: 167

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 32.9 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

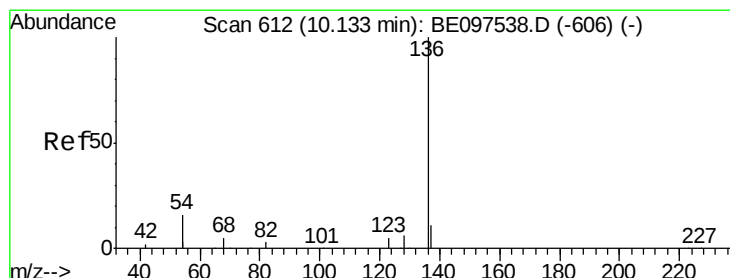
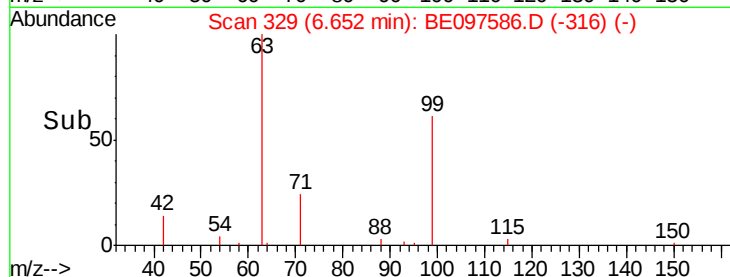
6.65

100

50

0

Time--> 6.50 6.55 6.60 6.65 6.70



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 614

Delta R.T. 0.01 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Tgt Ion: 136 Resp: 3665

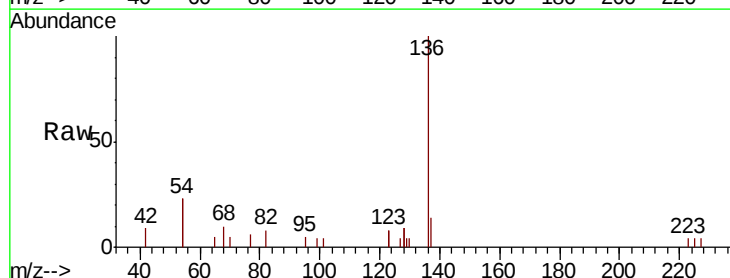
Ion Ratio Lower Upper

136 100

137 14.0 9.5 14.3

54 45.9 29.1 43.7#

68 10.0 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

10.15

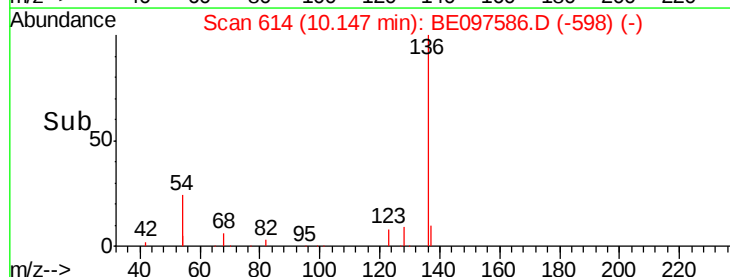
1500

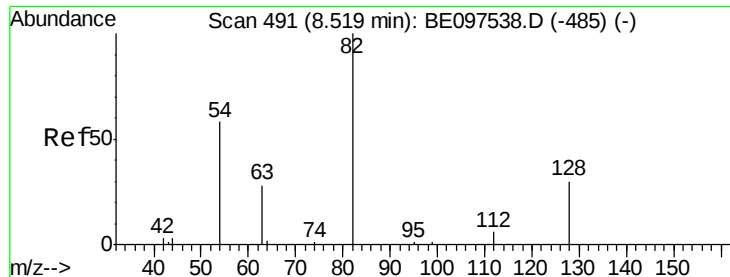
1000

500

0

Time--> 10.00 10.10 10.20 10.30

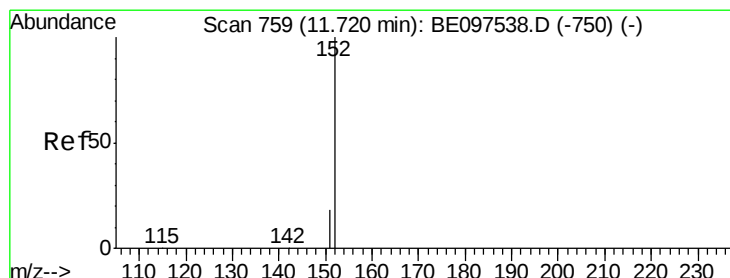
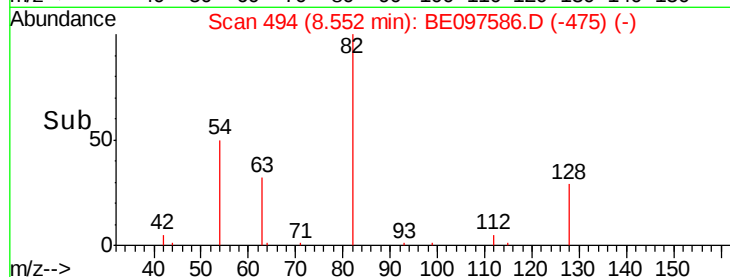
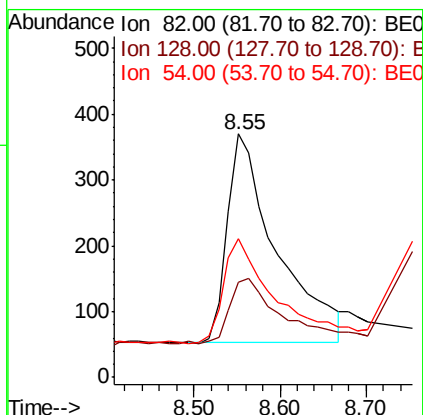
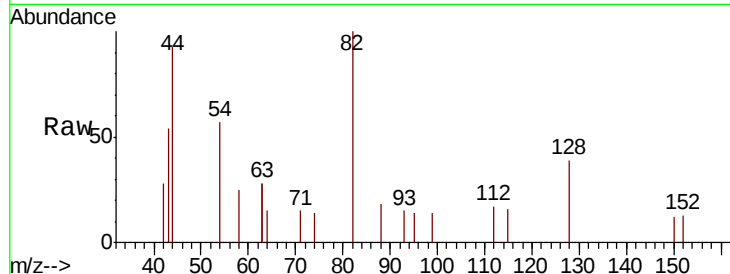




#8
 Nitrobenzene-d5
 Concen: 0.444 ng
 RT: 8.55 min Scan# 494
 Delta R.T. 0.02 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

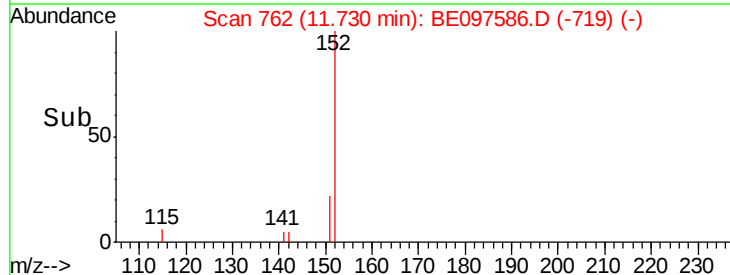
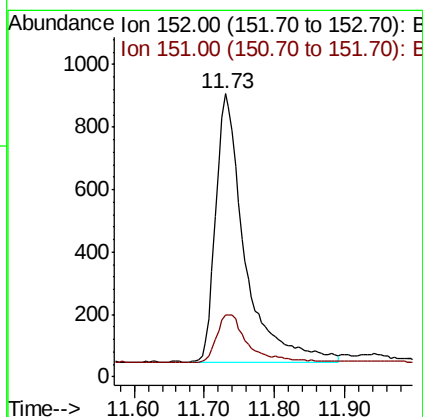
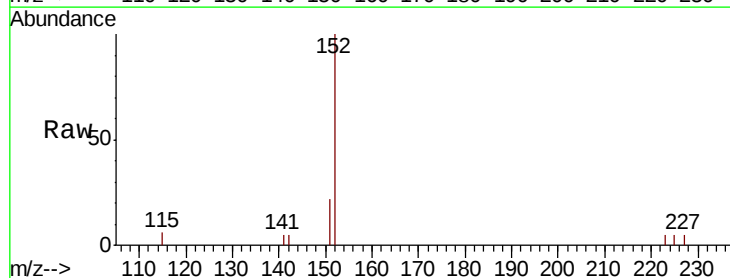
Instrument :
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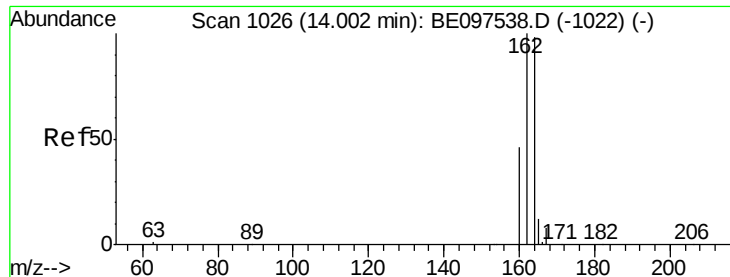
Tgt Ion: 82 Resp: 1256
 Ion Ratio Lower Upper
 82 100
 128 38.9 24.0 36.0#
 54 57.0 40.0 60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.493 ng
 RT: 11.73 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Tgt Ion: 152 Resp: 2489
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

FT-PZ460I-20180912

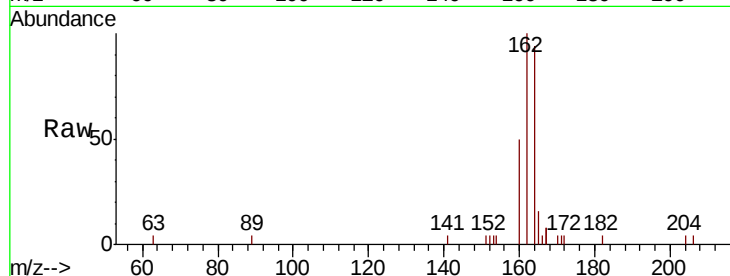
Tgt Ion:164 Resp: 2215

Ion Ratio Lower Upper

164 100

162 106.2 83.1 124.7

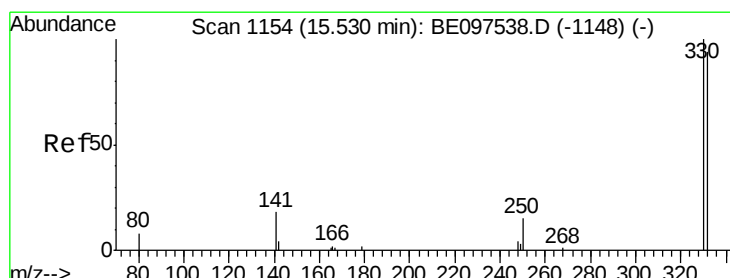
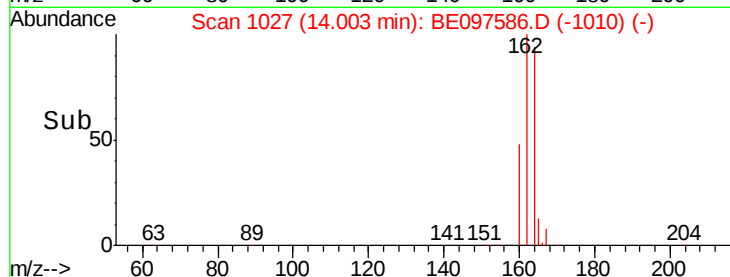
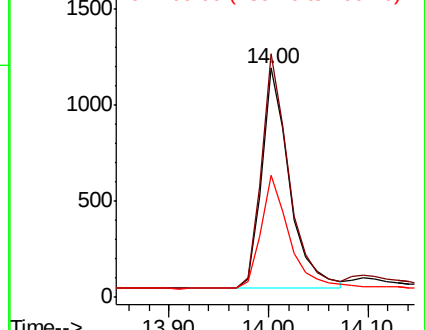
160 53.2 37.1 55.7



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: 0.720 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

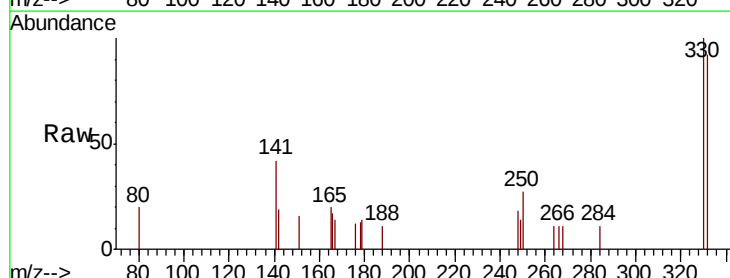
Tgt Ion:330 Resp: 687

Ion Ratio Lower Upper

330 100

332 94.3 152.7 229.1#

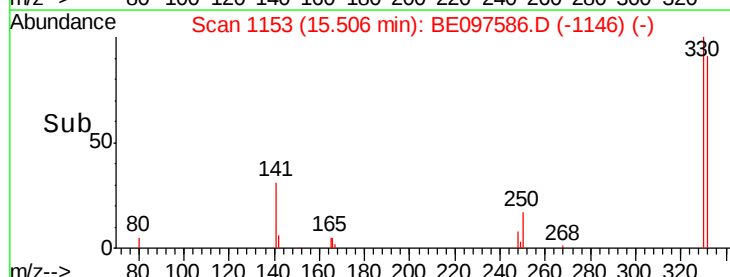
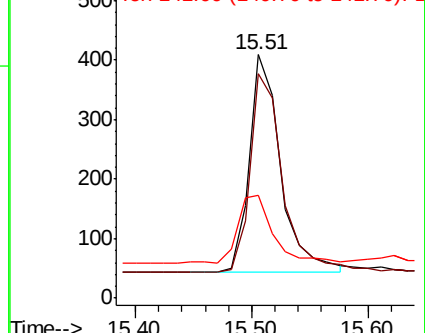
141 33.0 33.7 50.5#

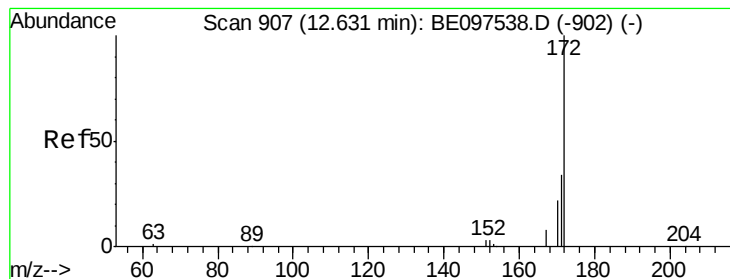


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

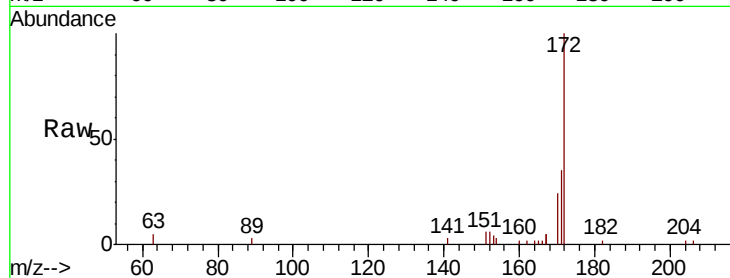




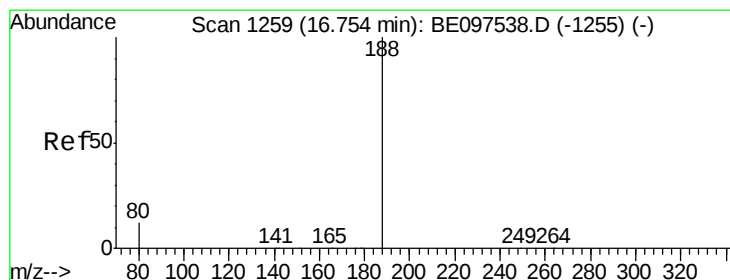
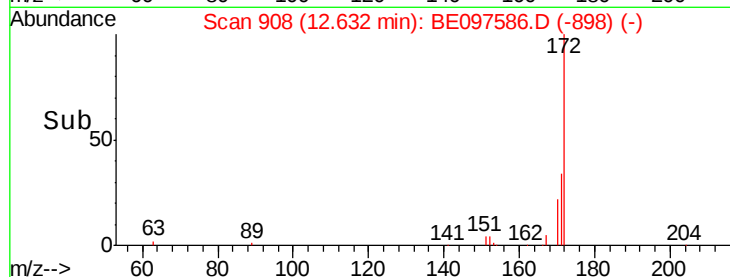
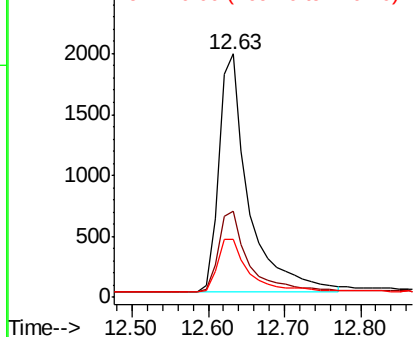
#15
2-Fluorobiphenyl
Concen: 0.680 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Instrument :
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ClientSampleId :
FT-PZ460I-20180912

Tgt Ion:172 Resp: 5319
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 23.9 21.8 32.8

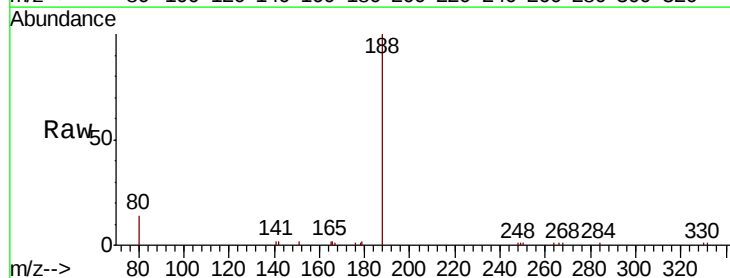


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

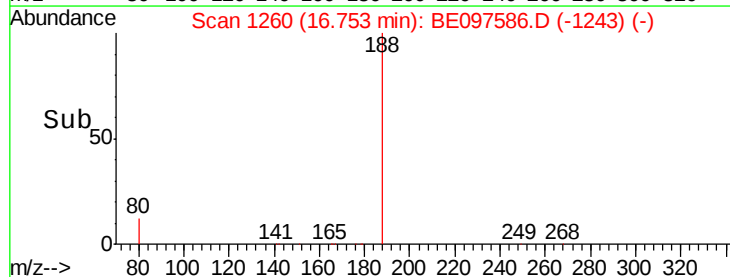
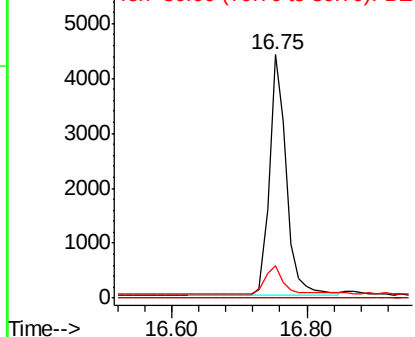


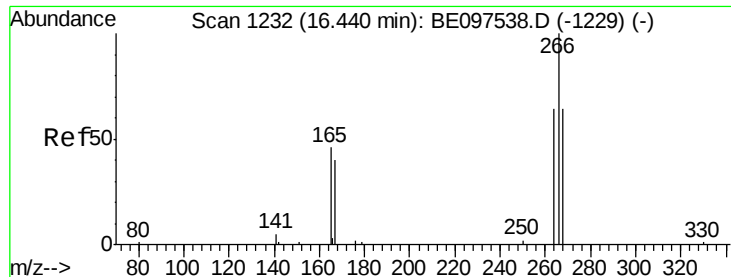
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Tgt Ion:188 Resp: 7641
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.5 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: 0.137 ng

RT: 16.45 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

FT-PZ460I-20180912

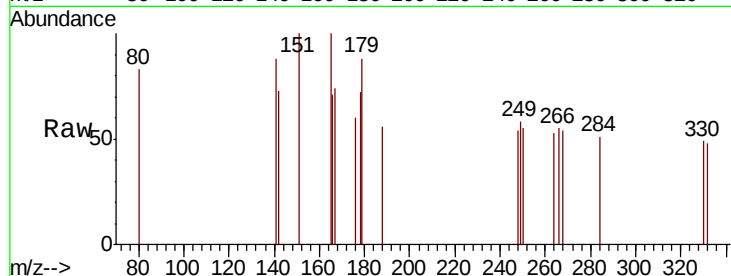
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 95.9 72.5 108.7

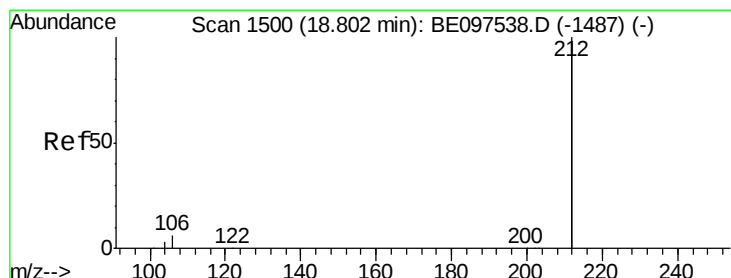
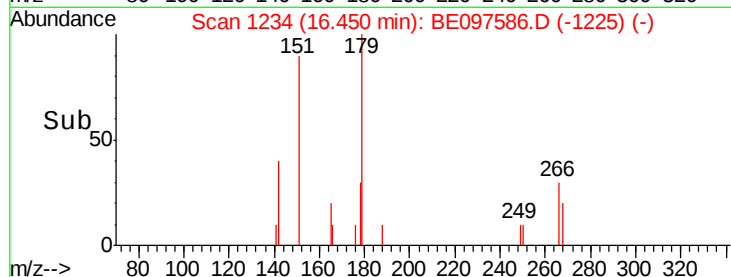
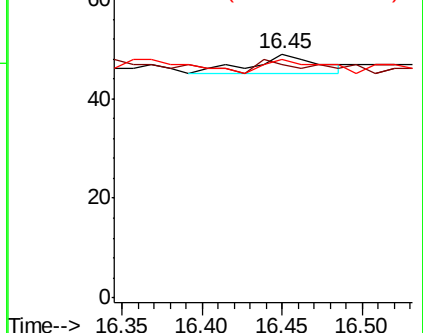
268 98.0 73.8 110.6



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: 0.523 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

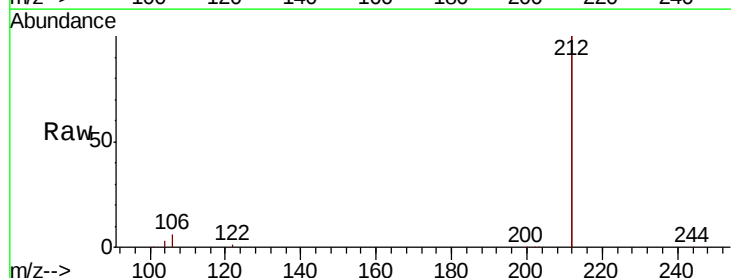
Tgt Ion:212 Resp: 51164

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

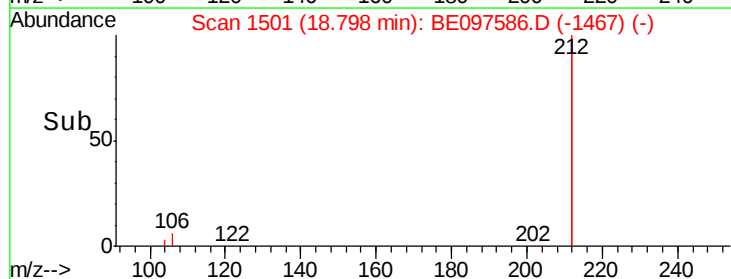
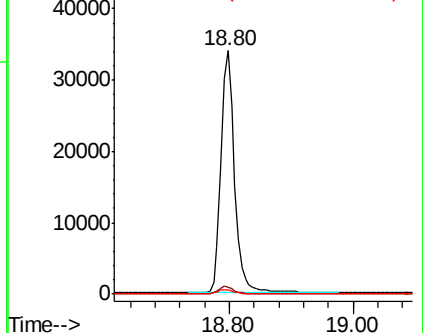
104 1.8 1.6 2.4

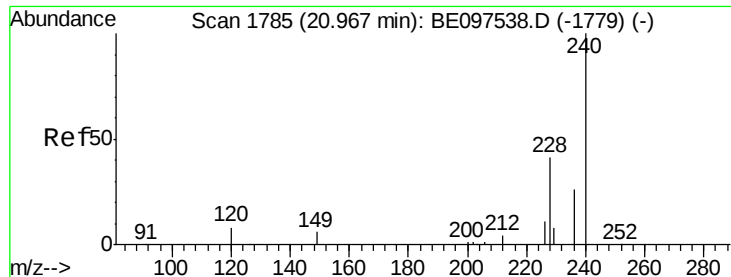


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

FT-PZ460I-20180912

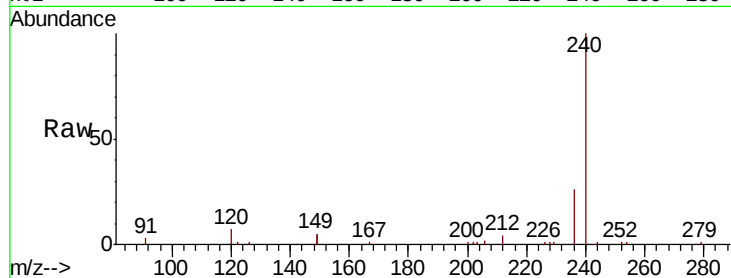
Tgt Ion:240 Resp: 10230

Ion Ratio Lower Upper

240 100

120 6.6 5.5 8.3

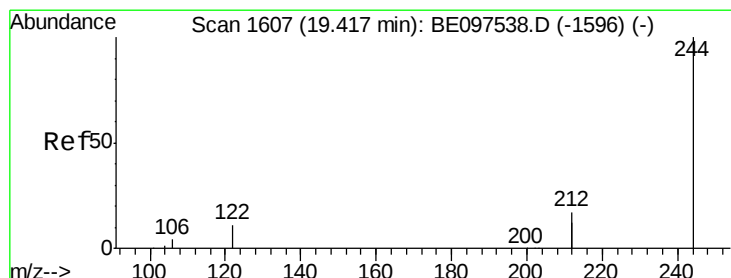
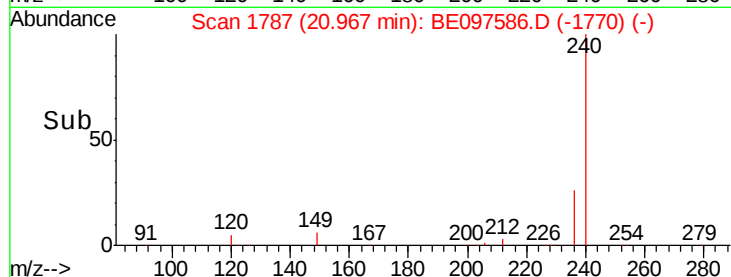
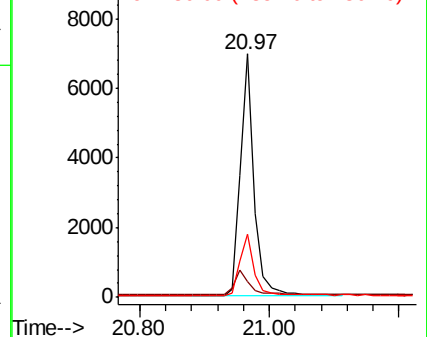
236 26.2 20.7 31.1



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: 0.650 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

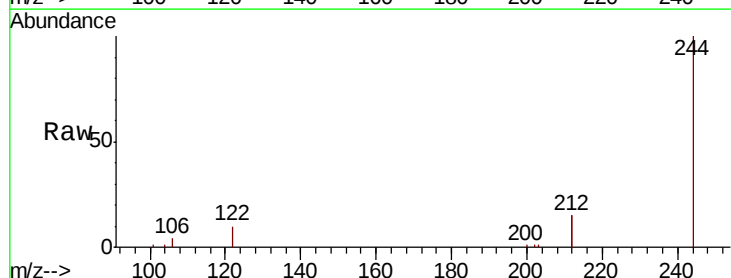
Tgt Ion:244 Resp: 12163

Ion Ratio Lower Upper

244 100

212 30.3 25.4 38.0

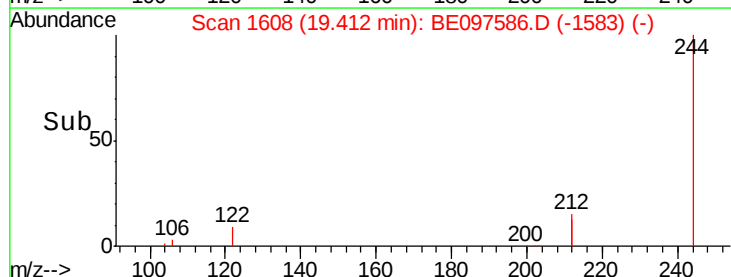
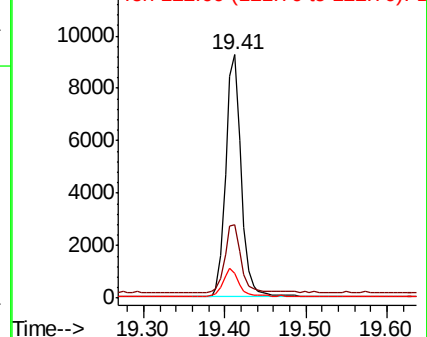
122 9.9 8.1 12.1

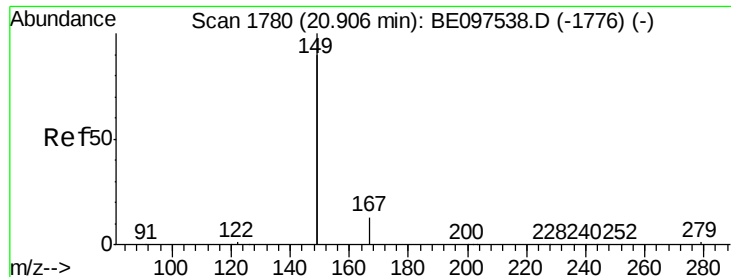


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

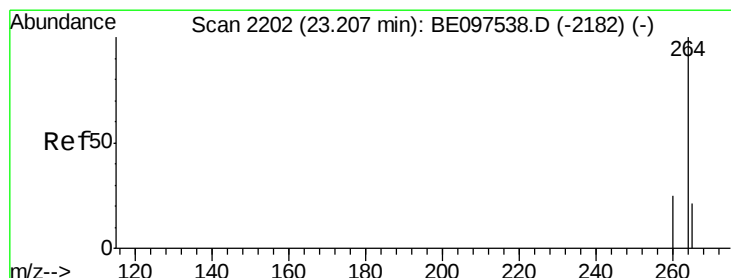
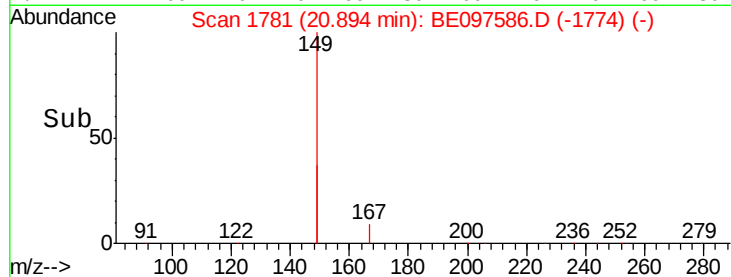
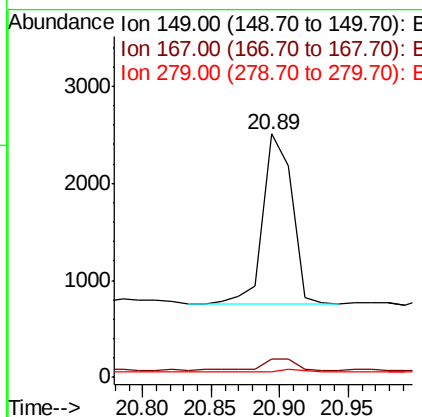
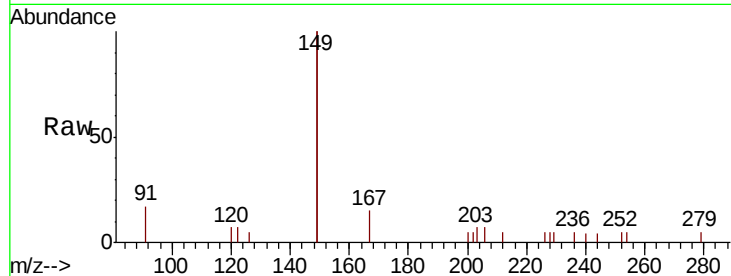




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 20.89 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

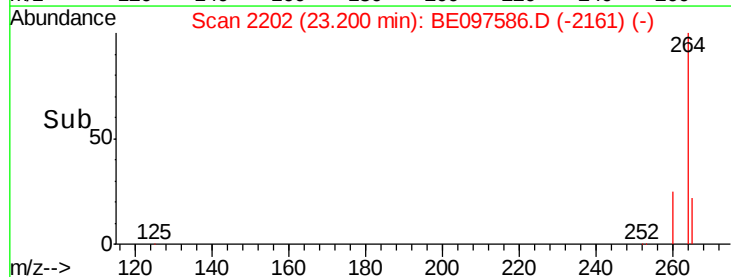
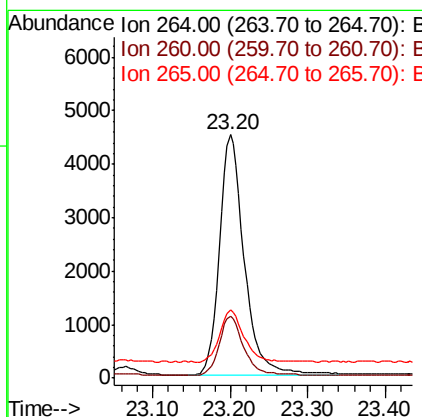
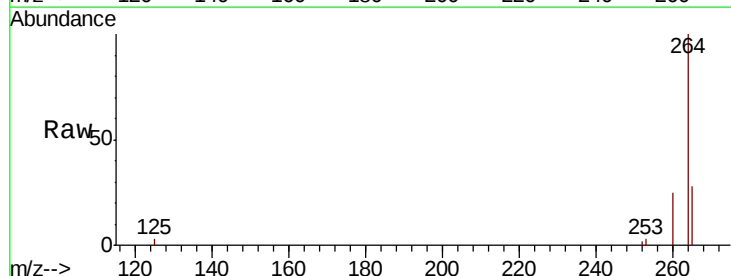
Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ460I-20180912

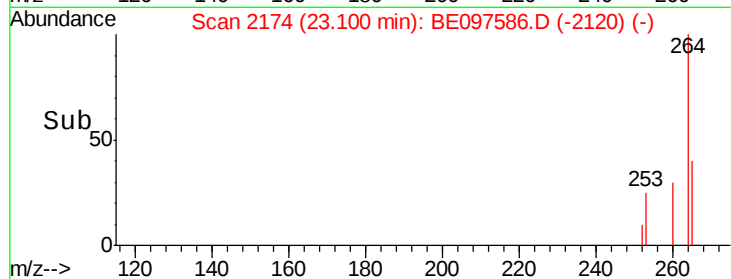
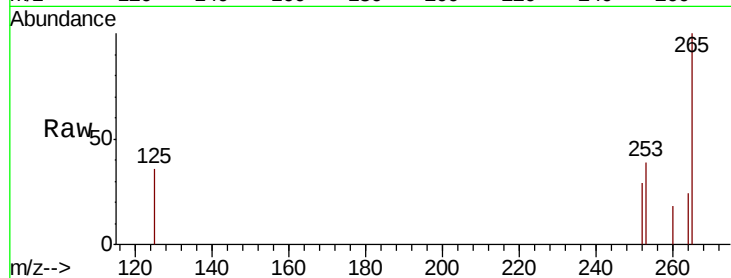
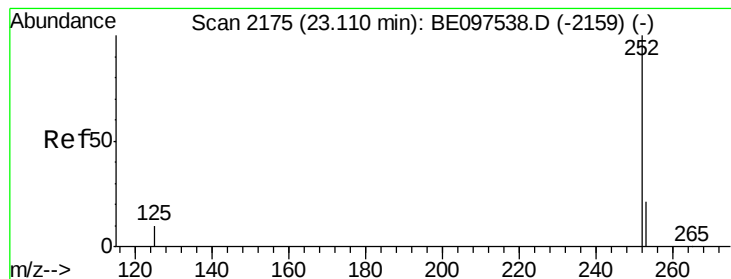
Tgt Ion:149 Resp: 2616
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.4 8.0#
 279 1.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Tgt Ion:264 Resp: 9965
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 27.9 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

FT-PZ460I-20180912

Tgt Ion:	252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	136.7	16.0	24.0#
125	126.7	12.0	18.0#

