

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097585.D
 Acq On : 20 Sep 2018 22:08
 Operator : SJ/JU
 Sample : J4934-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912

Quant Time: Sep 21 06:01:11 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	840	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3797	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2317	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7647	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10908	0.40	ng	0.00
34) Perylene-d12	23.20	264	10812	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	524	0.21	ng	0.00
5) Phenol-d6	6.64	99	153	0.05	ng	0.04
8) Nitrobenzene-d5	8.55	82	1163	0.40	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2380	0.45	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	639	0.65	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	5154	0.63	ng	0.01
25) Fluoranthene-d10	18.80	212	46641	0.48	ng	0.00
29) Terphenyl-d14	19.41	244	11320	0.57	ng	0.00

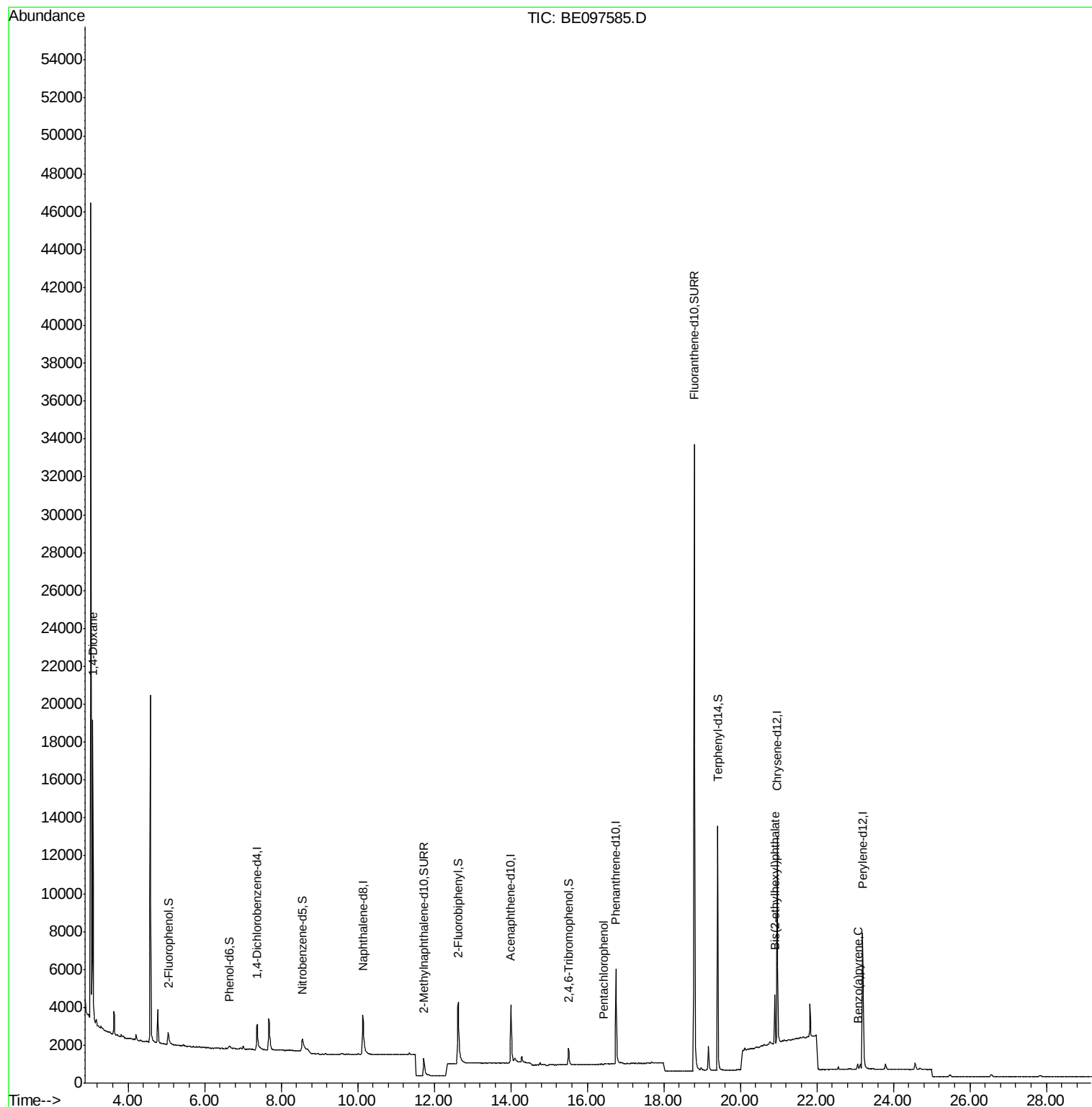
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	8396	6.486	ng	# 89
22) Pentachlorophenol	16.44	266	8	0.134	ng	93
32) Bis(2-ethylhexyl)phthalate	20.91	149	3575	0.088	ng	# 100
37) Benzo(a)pyrene	23.10	252	4	0.021	ng	# 1

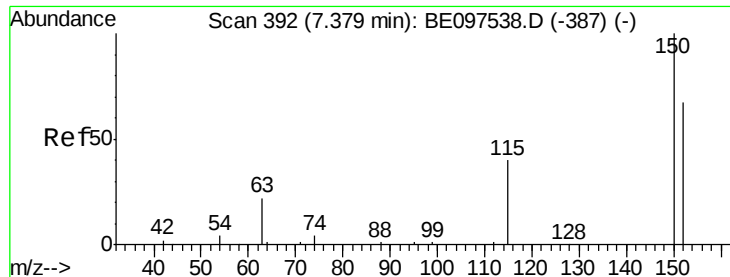
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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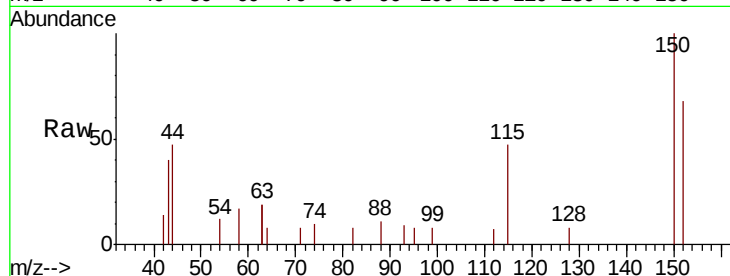


#1

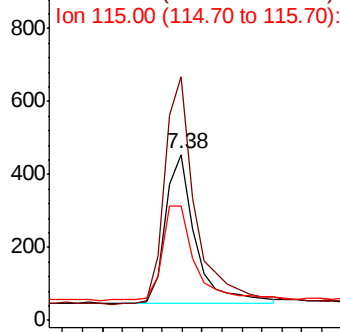
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097585.D
Acq: 20 Sep 2018 22:08

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BNA_E
ClientSampleId :
FT-PZ461I-20180912

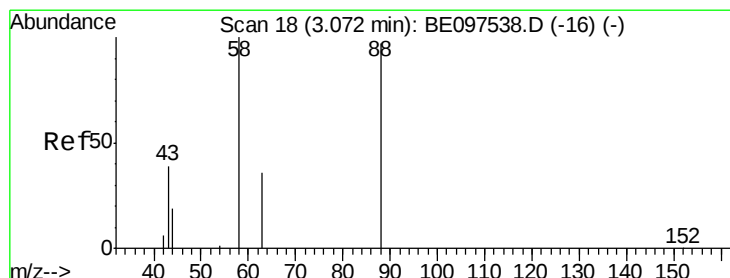
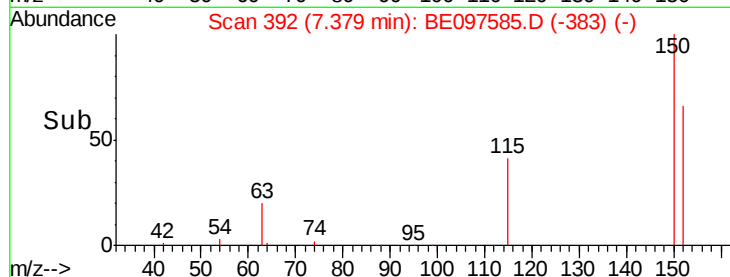
Tgt Ion:152 Resp: 840
Ion Ratio Lower Upper
152 100
150 147.1 117.2 175.8
115 68.7 57.0 85.6



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



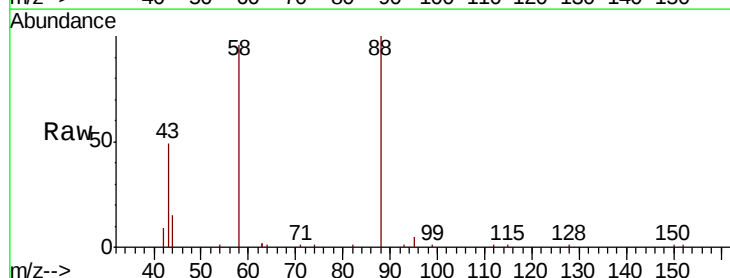
Time-->



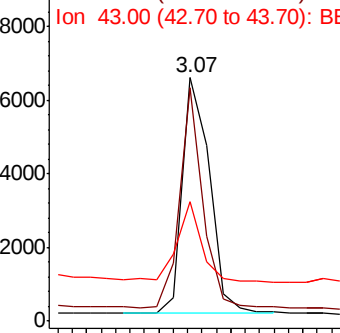
#2

1,4-Dioxane
Concen: 6.486 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097585.D
Acq: 20 Sep 2018 22:08

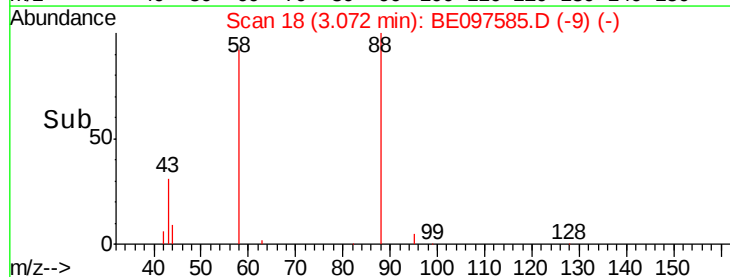
Tgt Ion: 88 Resp: 8396
Ion Ratio Lower Upper
88 100
58 78.7 63.2 94.8
43 32.0 41.2 61.8#

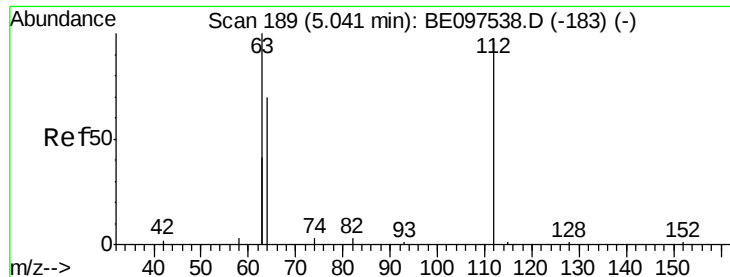


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.208 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

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ClientSampleId :

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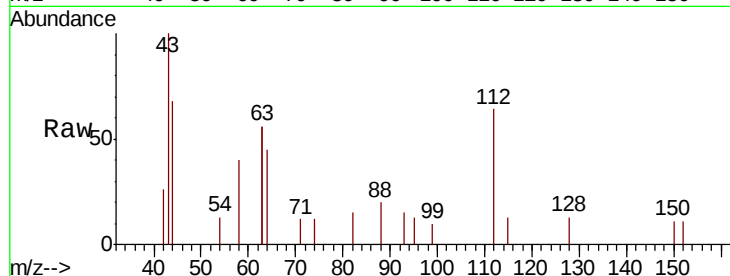
Tgt Ion: 112 Resp: 524

Ion Ratio Lower Upper

112 100

64 72.9 60.1 90.1

63 145.6 116.8 175.2



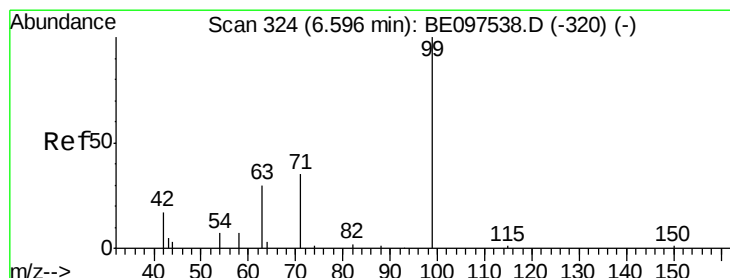
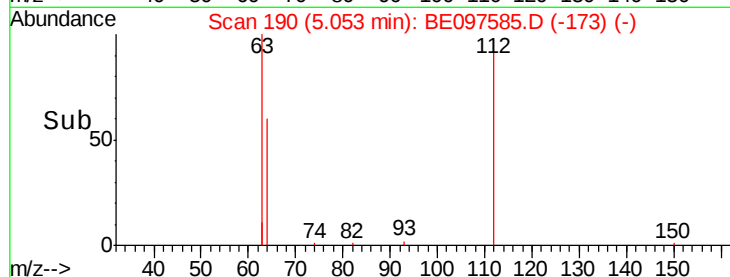
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.05

Time-->



#5

Phenol-d6

Concen: 0.048 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.04 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

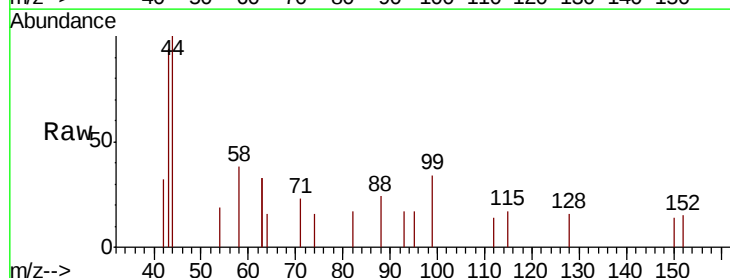
Tgt Ion: 99 Resp: 153

Ion Ratio Lower Upper

99 100

42 35.9 20.2 30.2#

71 36.6 28.4 42.6



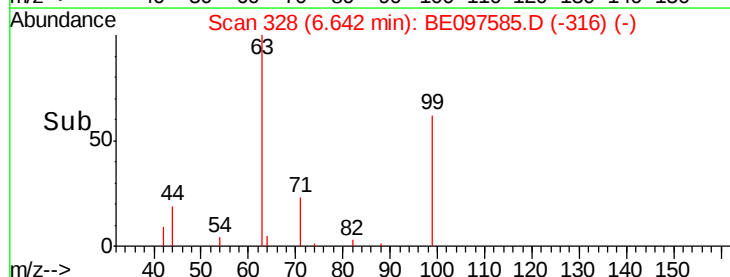
Abundance Ion 99.00 (98.70 to 99.70): BE0

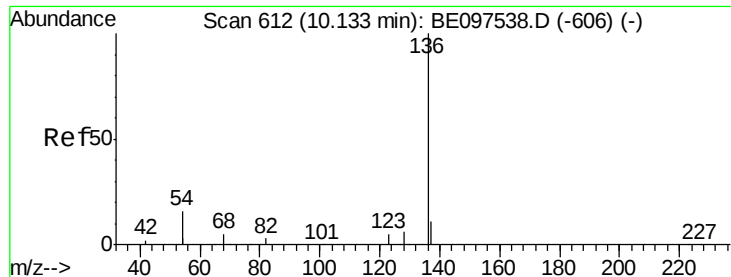
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.64

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

BNA_E

ClientSampleId :

FT-PZ461I-20180912

Tgt Ion: 136 Resp: 3797

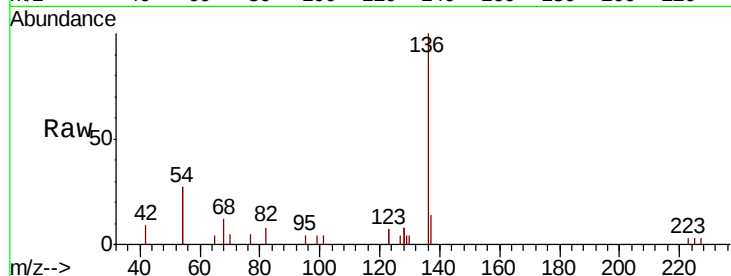
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 53.4 29.1 43.7#

68 12.0 6.2 9.2#

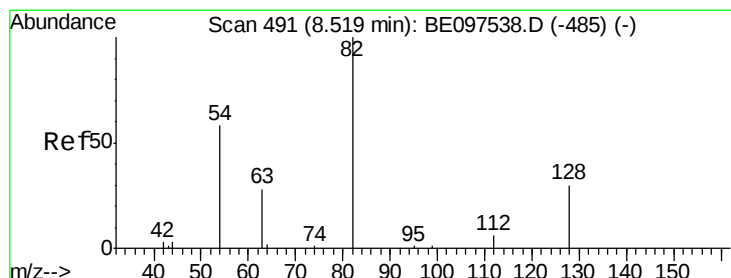
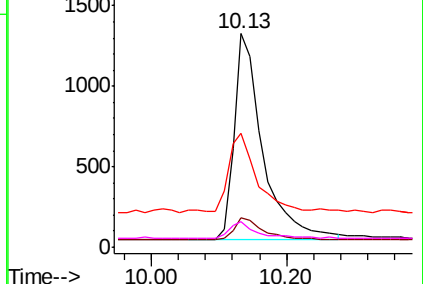
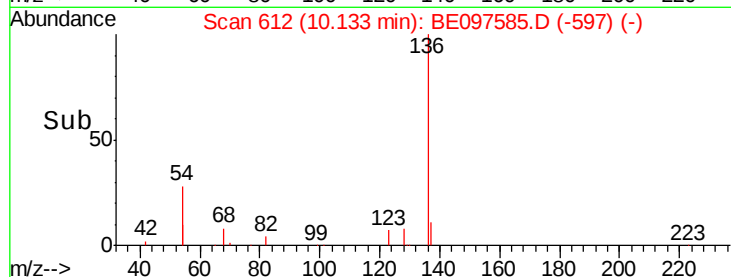


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.396 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

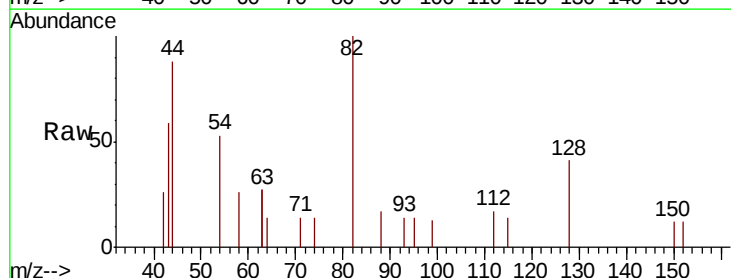
Tgt Ion: 82 Resp: 1163

Ion Ratio Lower Upper

82 100

128 40.9 24.0 36.0#

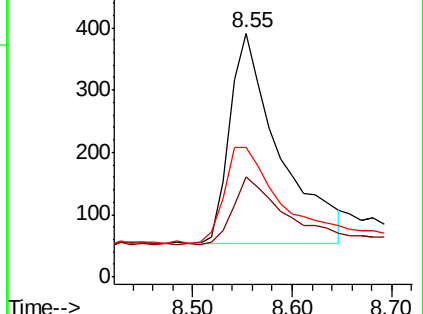
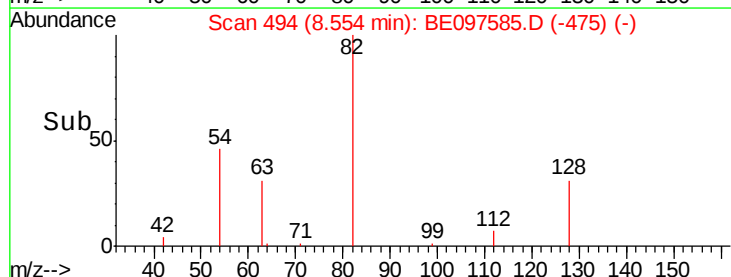
54 52.9 40.0 60.0

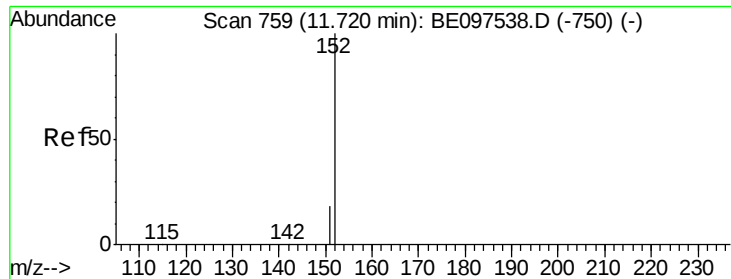


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

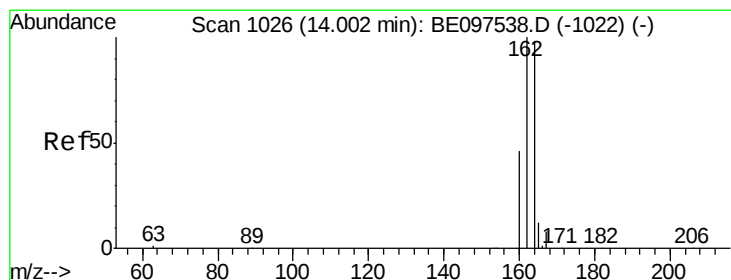
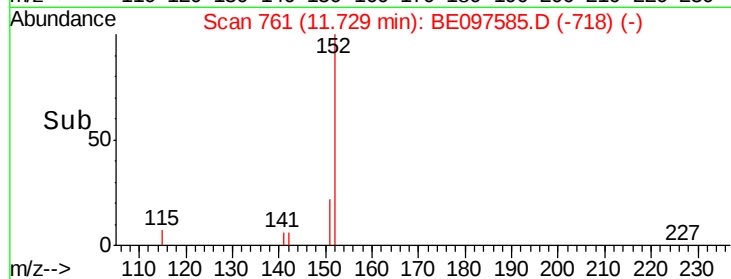
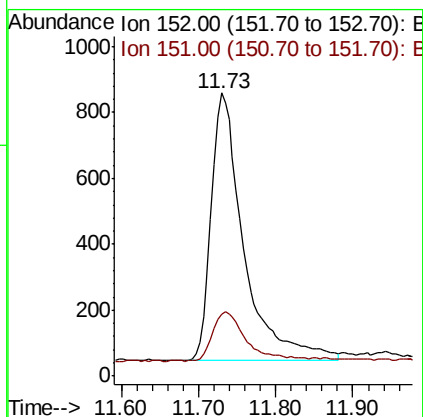
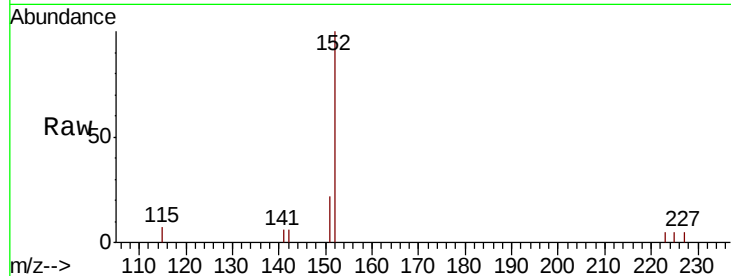




#11
 2-Methylnaphthalene-d10
 Concen: 0.455 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

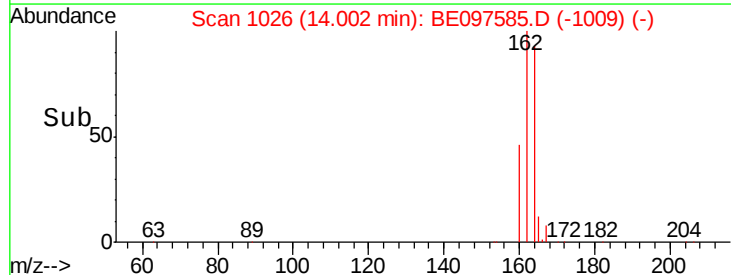
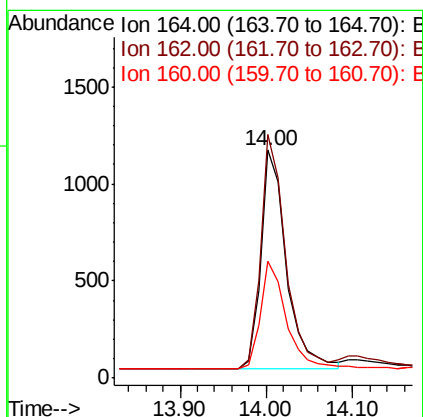
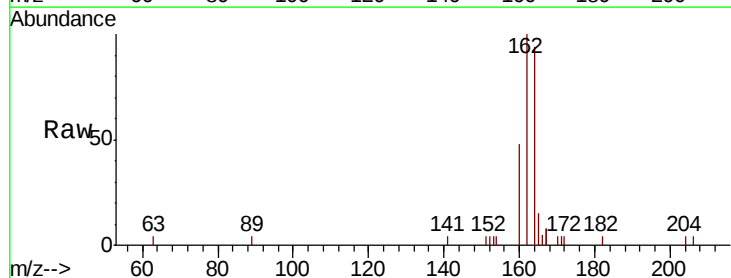
Instrument :
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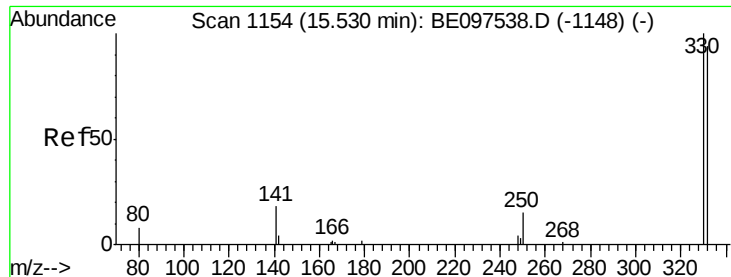
Tgt Ion:152 Resp: 2380
 Ion Ratio Lower Upper
 152 100
 151 18.0 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Tgt Ion:164 Resp: 2317
 Ion Ratio Lower Upper
 164 100
 162 106.8 83.1 124.7
 160 51.4 37.1 55.7

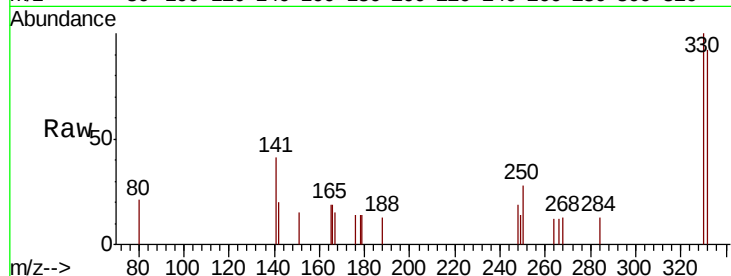




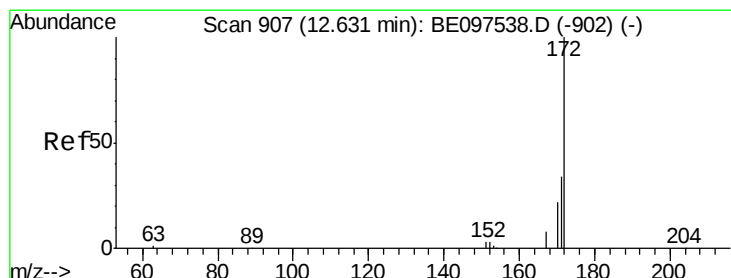
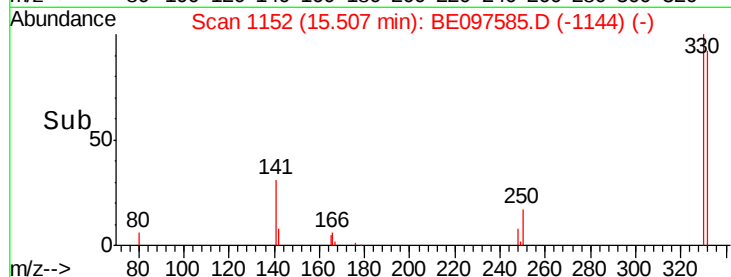
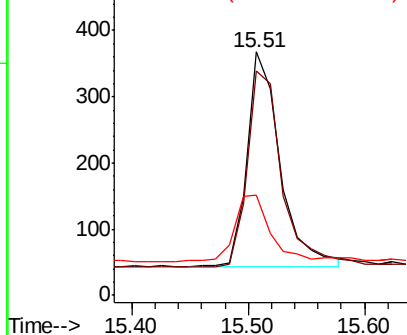
#14
 2,4,6-Tribromophenol
 Concen: 0.652 ng
 RT: 15.51 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912

Tgt Ion: 330 Resp: 639
 Ion Ratio Lower Upper
 330 100
 332 95.0 152.7 229.1#
 141 33.6 33.7 50.5#

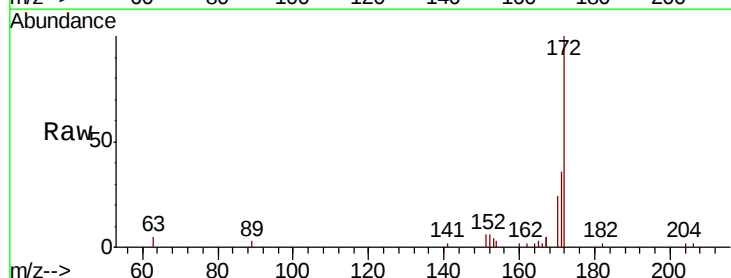


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

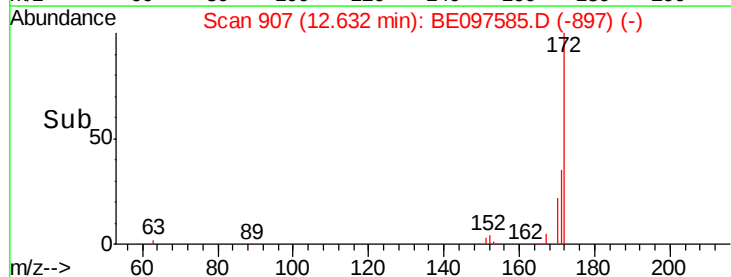
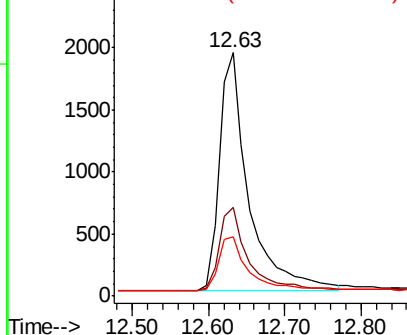


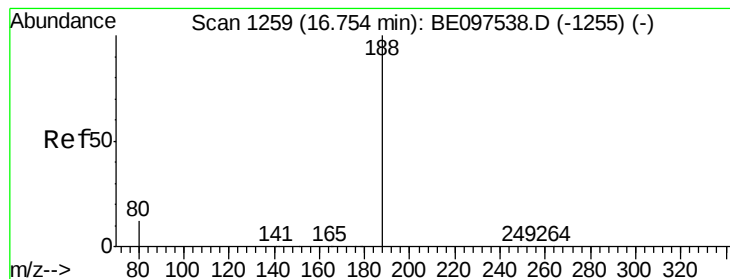
#15
 2-Fluorobiphenyl
 Concen: 0.629 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Tgt Ion: 172 Resp: 5154
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.9 44.9
 170 24.1 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: 16.75 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

BNA_E

ClientSampleId :

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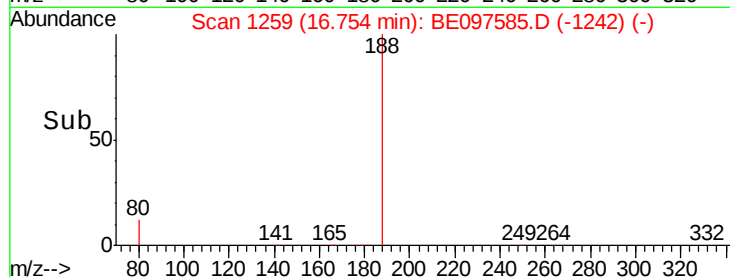
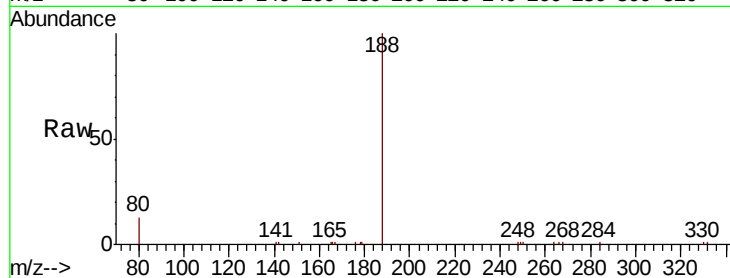
Tgt Ion:188 Resp: 7647

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

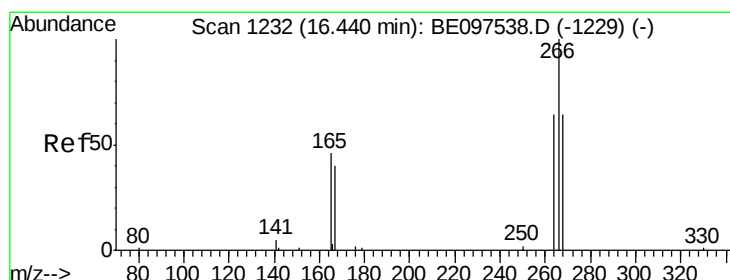
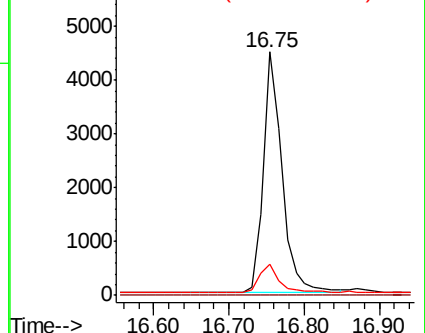
80 12.8 3.6 5.4#



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: 16.44 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

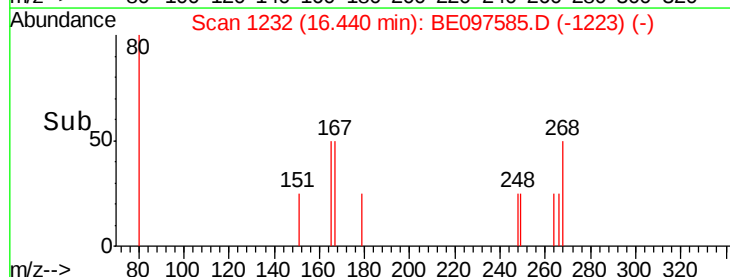
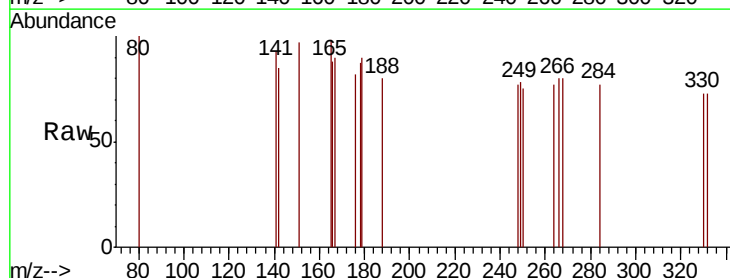
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 95.8 72.5 108.7

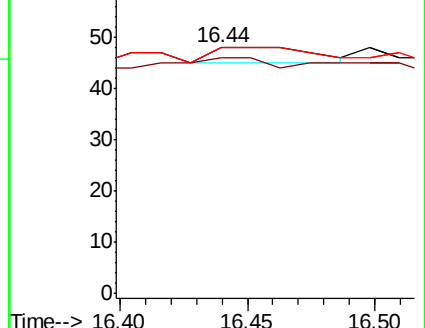
268 100.0 73.8 110.6

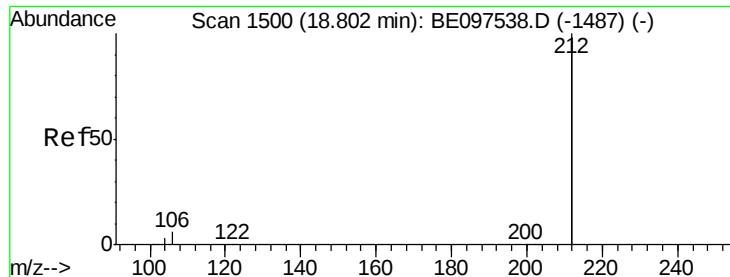


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.476 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097585.D

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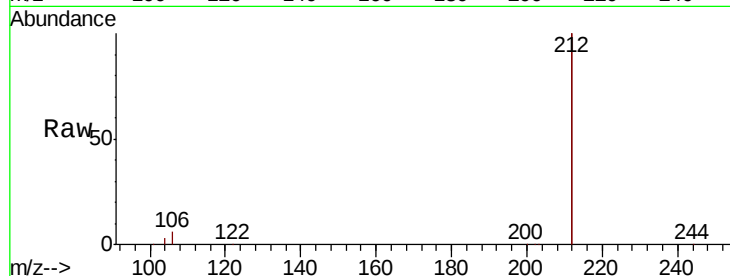
Tgt Ion:212 Resp: 46641

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

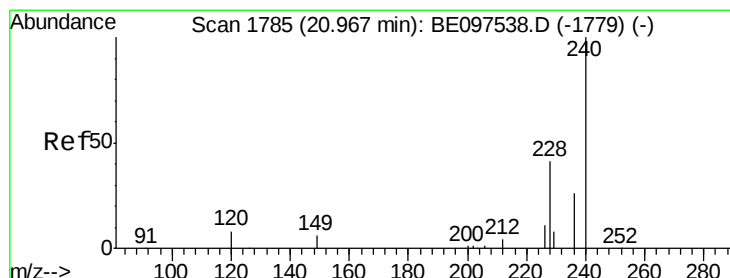
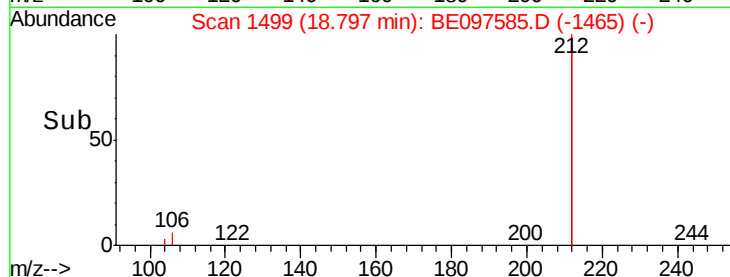
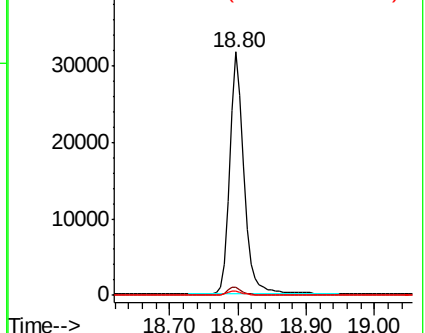
104 1.7 1.6 2.4



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# 1785

Delta R.T. -0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

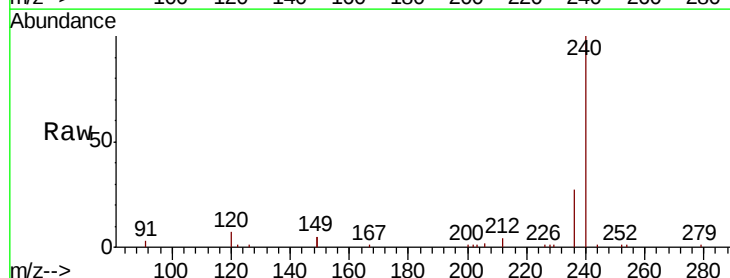
Tgt Ion:240 Resp: 10908

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

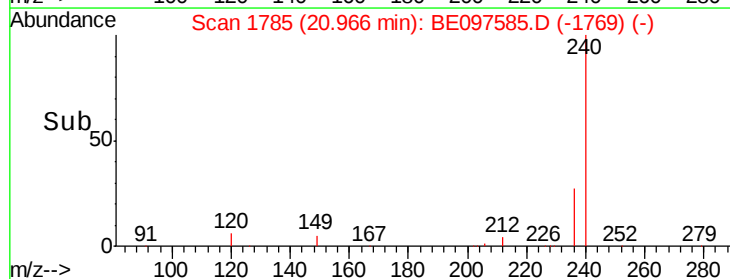
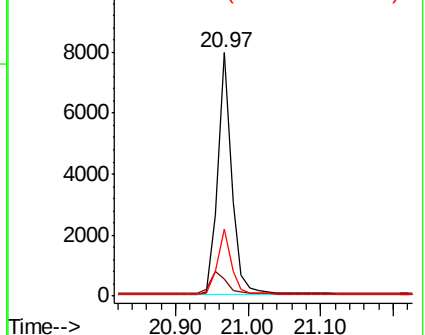
236 27.3 20.7 31.1

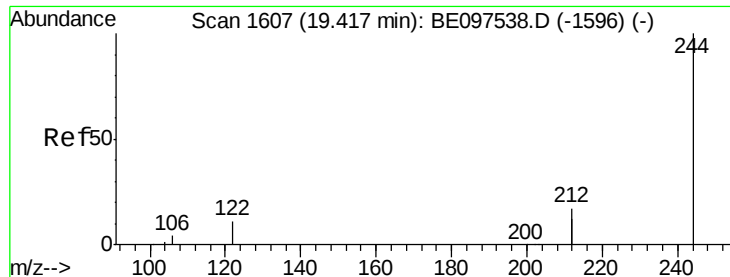


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.567 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

BNA_E

ClientSampleId :

FT-PZ461I-20180912

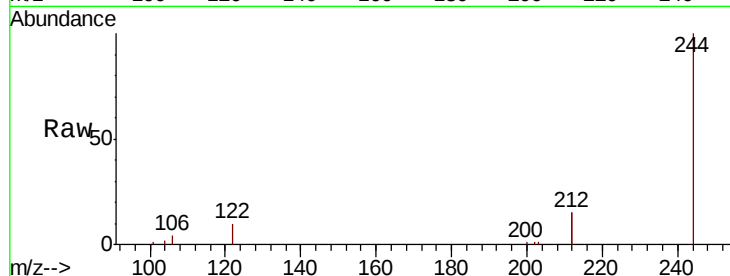
Tgt Ion:244 Resp: 11320

Ion Ratio Lower Upper

244 100

212 30.6 25.4 38.0

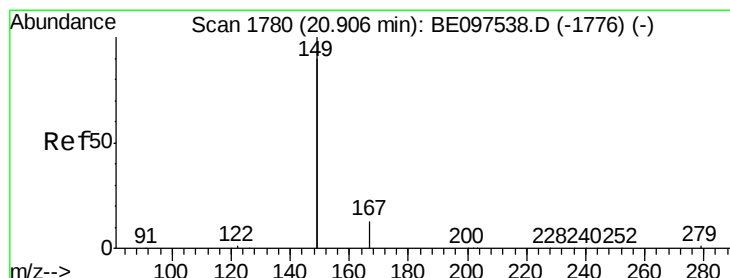
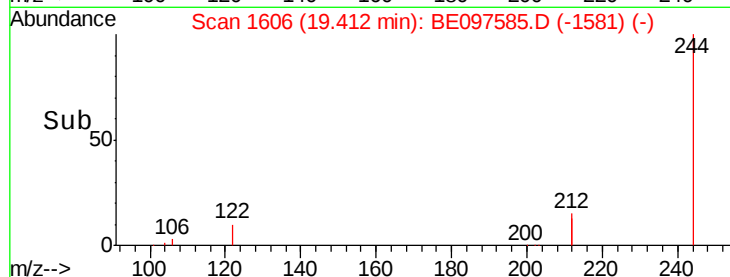
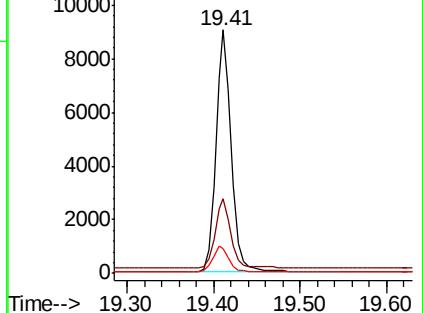
122 10.4 8.1 12.1



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: 0.088 ng

RT: 20.91 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

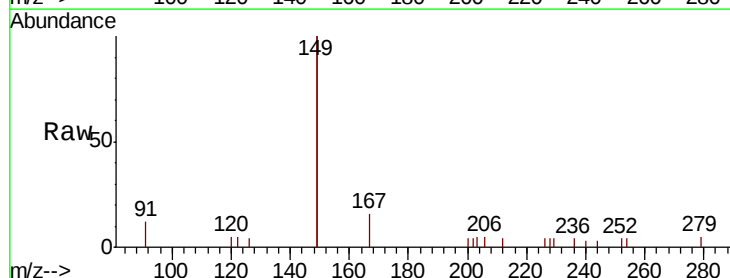
Tgt Ion:149 Resp: 3575

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

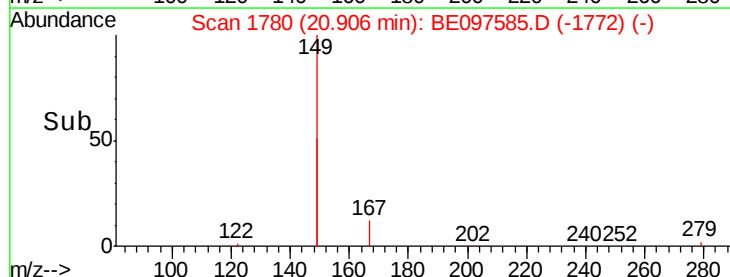
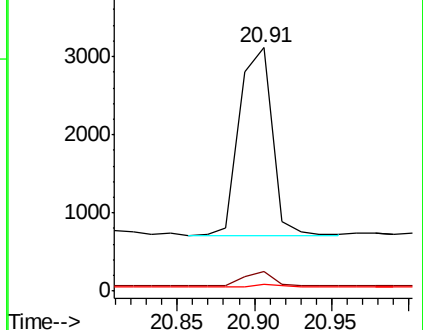
279 1.1 0.7 1.1#

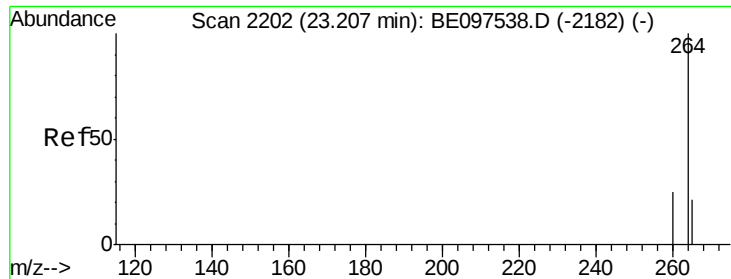


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

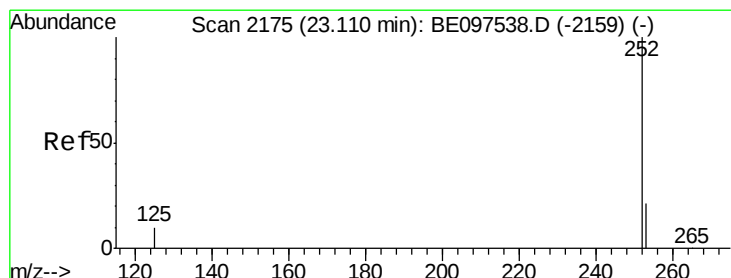
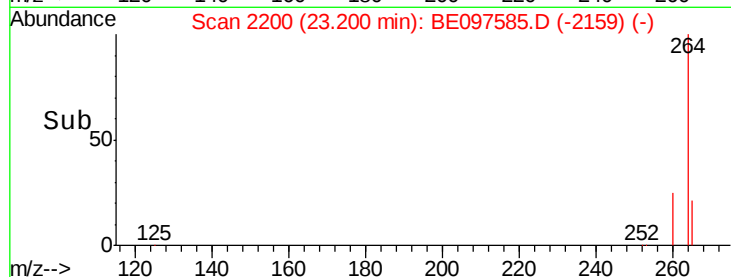
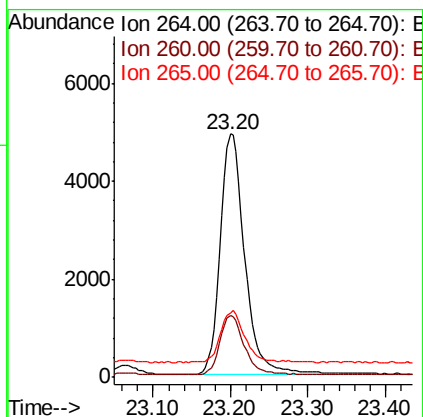
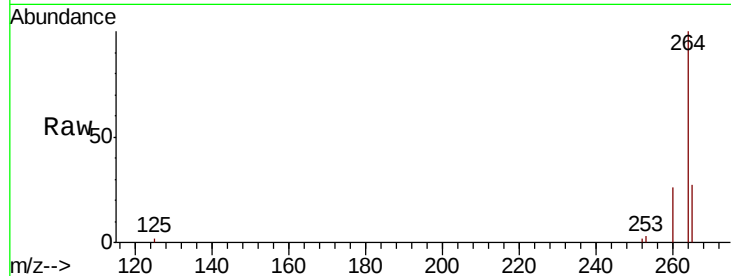




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BE097585.D
Acq: 20 Sep 2018 22:08

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912

Tgt Ion: 264 Resp: 10812
Ion Ratio Lower Upper
264 100
260 25.5 20.5 30.7
265 26.6 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.10 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BE097585.D
Acq: 20 Sep 2018 22:08

Tgt Ion: 252 Resp: 4
Ion Ratio Lower Upper
252 100
253 141.6 16.0 24.0#
125 122.5 12.0 18.0#

