

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097584.D
 Acq On : 20 Sep 2018 21:29
 Operator : SJ/JU
 Sample : J4913-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20180913

Quant Time: Sep 21 06:01:02 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	708	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3161	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1973	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6140	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8993	0.40	ng	0.00
34) Perylene-d12	23.20	264	8895	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	392	0.18	ng	0.00
5) Phenol-d6	6.62	99	244	0.09	ng	0.01
8) Nitrobenzene-d5	8.56	82	914	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	11.74	152	1885	0.43	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	415	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3524	0.51	ng	0.01
25) Fluoranthene-d10	18.80	212	35941	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8108	0.49	ng	0.00

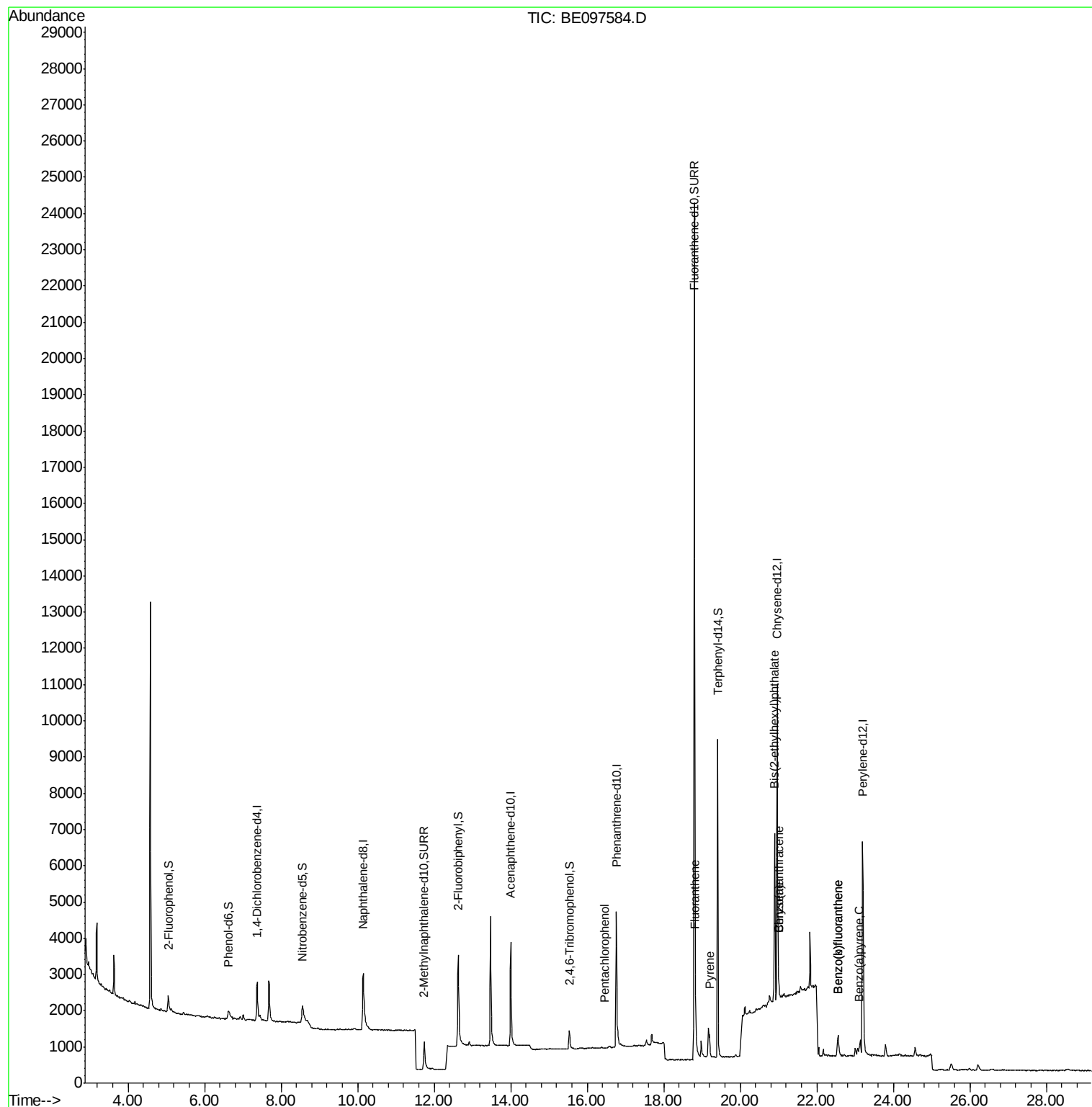
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.45	266	7	0.135	ng	93
26) Fluoranthene	18.83	202	735	0.036	ng	# 95
28) Pyrene	19.20	202	652	0.032	ng	# 92
30) Benzo(a)anthracene	21.00	228	788	0.035	ng	# 71
31) Chrysene	21.00	228	729	0.030	ng	# 71
32) Bis(2-ethylhexyl)phthalate	20.89	149	6854	0.191	ng	# 100
35) Benzo(b)fluoranthene	22.54	252	675	0.030	ng	# 46
36) Benzo(k)fluoranthene	22.54	252	675	0.026	ng	# 24
37) Benzo(a)pyrene	23.11	252	344	0.035	ng	# 1

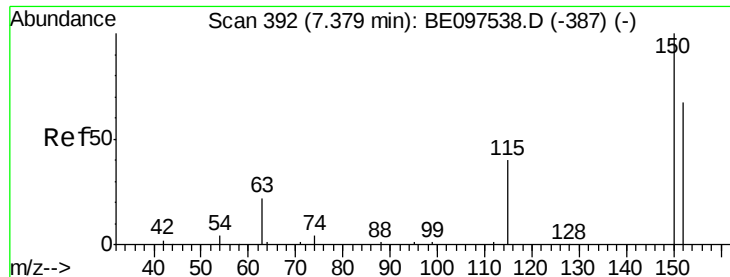
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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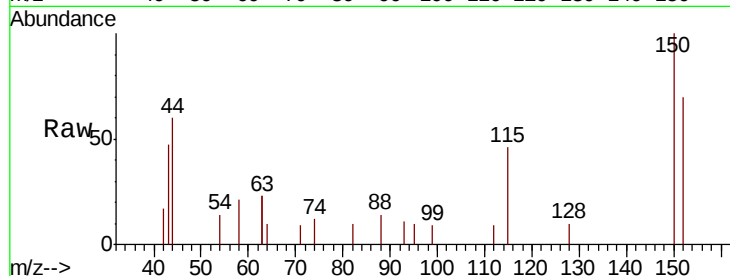


#1

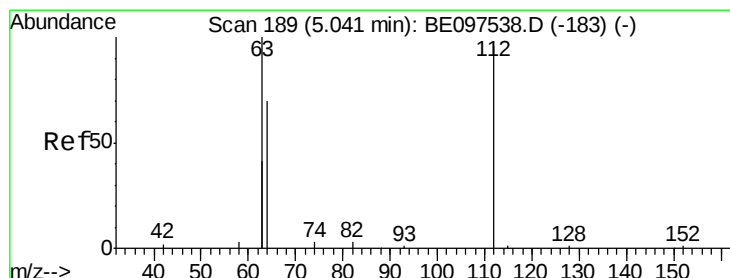
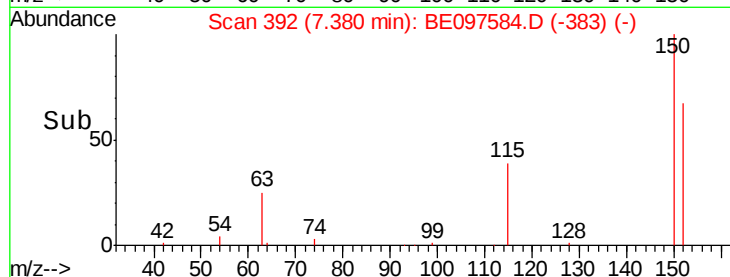
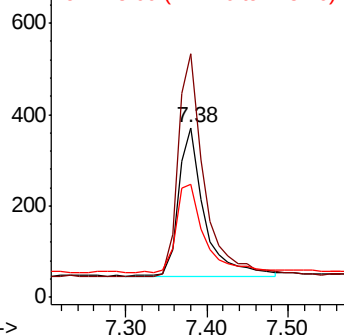
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180913

Tgt Ion:152 Resp: 708
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 66.6 57.0 85.6



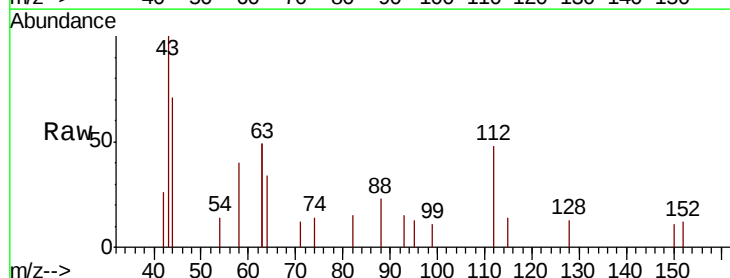
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



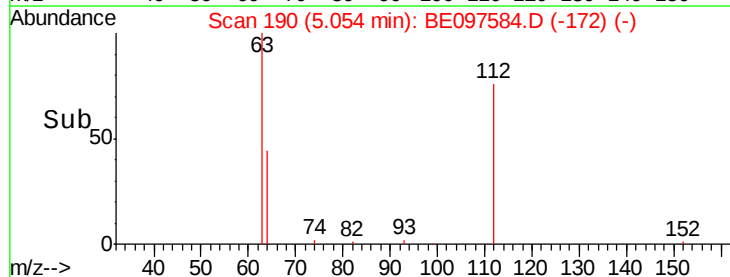
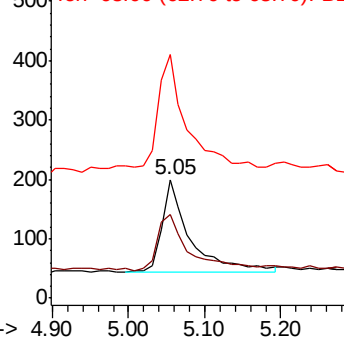
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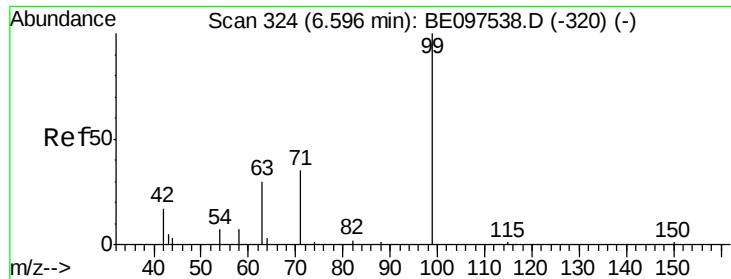
2-Fluorophenol
Concen: 0.185 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Tgt Ion:112 Resp: 392
Ion Ratio Lower Upper
112 100
64 69.4 60.1 90.1
63 149.2 116.8 175.2



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: 0.090 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180913

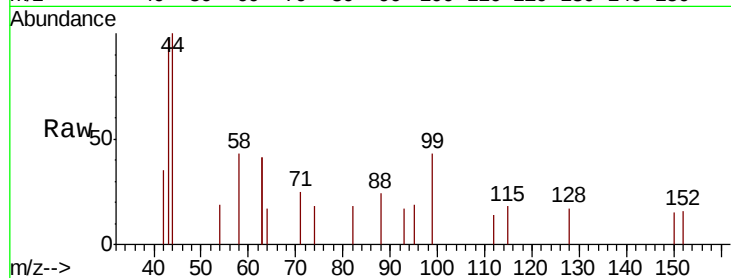
Tgt Ion: 99 Resp: 244

Ion Ratio Lower Upper

99 100

42 22.5 20.2 30.2

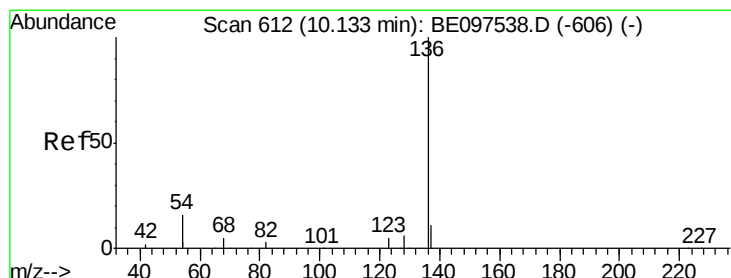
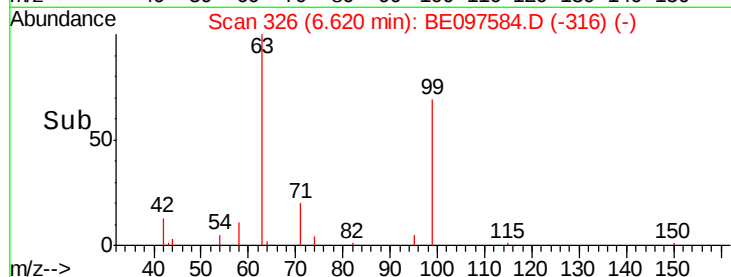
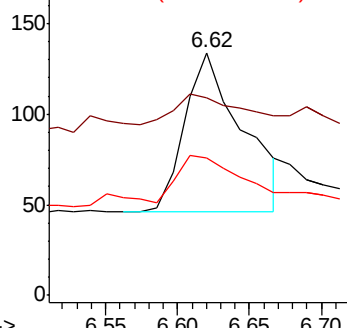
71 32.0 28.4 42.6



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: BE097584.D

Acq: 20 Sep 2018 21:29

Tgt Ion: 136 Resp: 3161

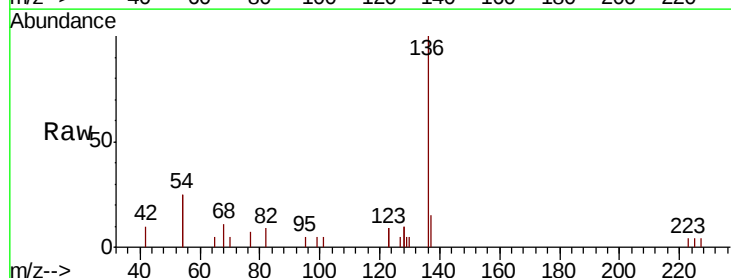
Ion Ratio Lower Upper

136 100

137 14.6 9.5 14.3#

54 50.0 29.1 43.7#

68 11.0 6.2 9.2#

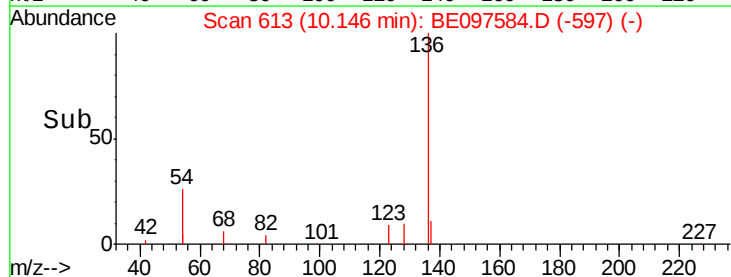
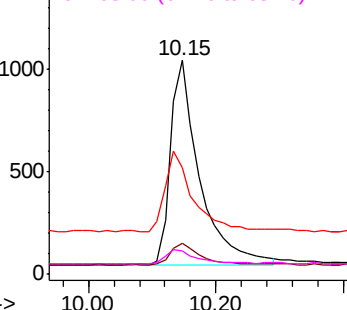


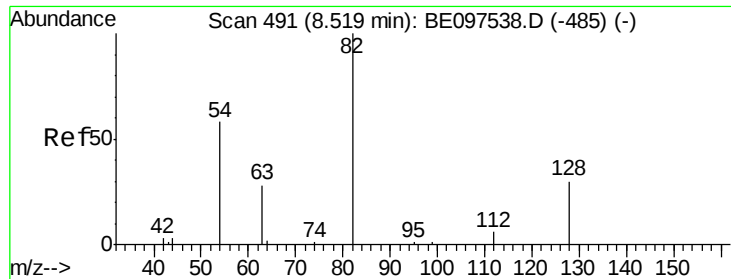
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.56 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

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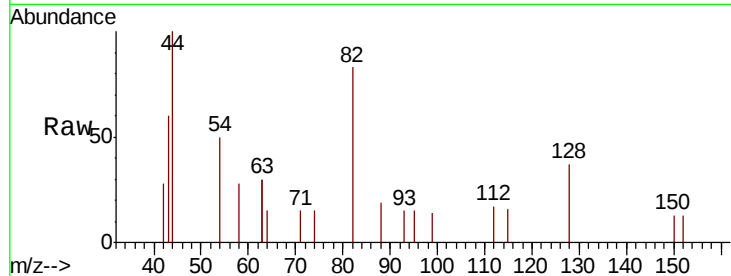
Tgt Ion: 82 Resp: 914

Ion Ratio Lower Upper

82 100

128 45.1 24.0 36.0#

54 60.1 40.0 60.0#

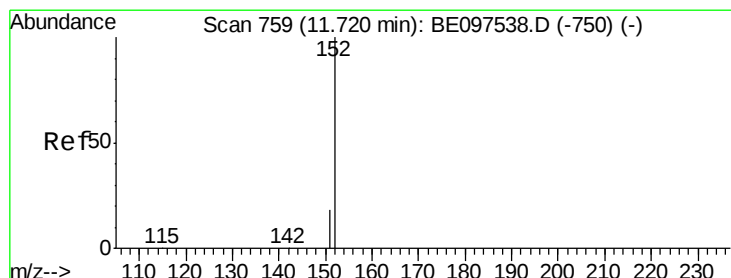
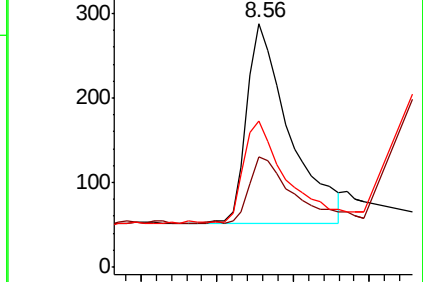
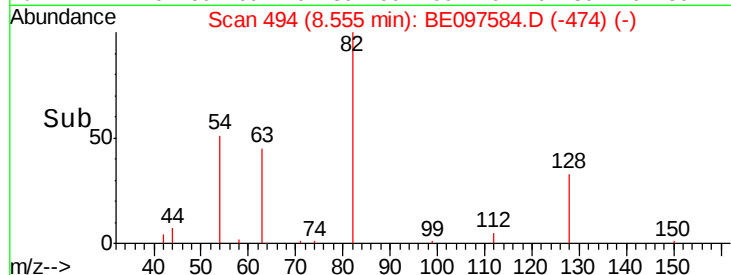


Abundance Ion 82.00 (81.70 to 82.70): BE097538.D (-485) (-)

Ion 128.00 (127.70 to 128.70): BE097538.D (-485) (-)

Ion 54.00 (53.70 to 54.70): BE097538.D (-485) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.433 ng

RT: 11.74 min Scan# 762

Delta R.T. 0.02 min

Lab File: BE097584.D

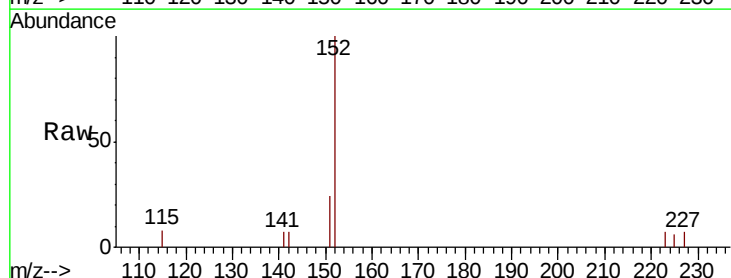
Acq: 20 Sep 2018 21:29

Tgt Ion: 152 Resp: 1885

Ion Ratio Lower Upper

152 100

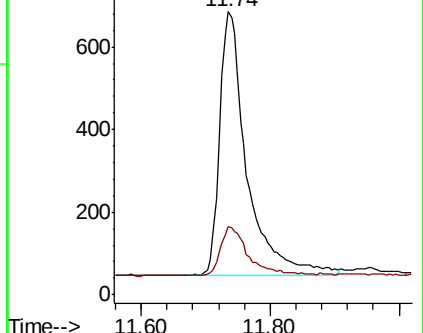
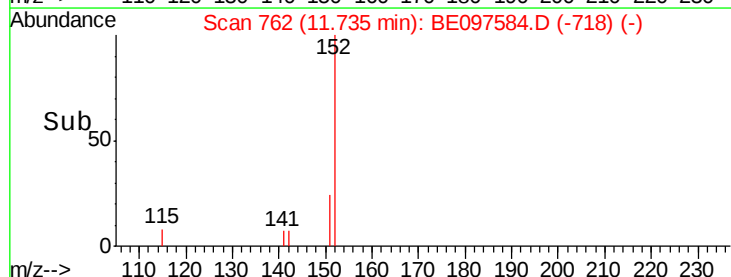
151 19.1 15.4 23.0

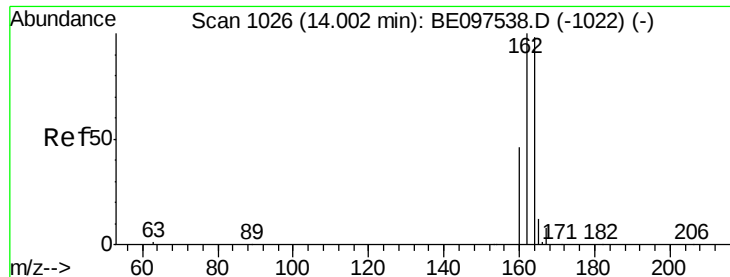


Abundance Ion 152.00 (151.70 to 152.70): BE097538.D (-750) (-)

Ion 151.00 (150.70 to 151.70): BE097538.D (-750) (-)

Time-->

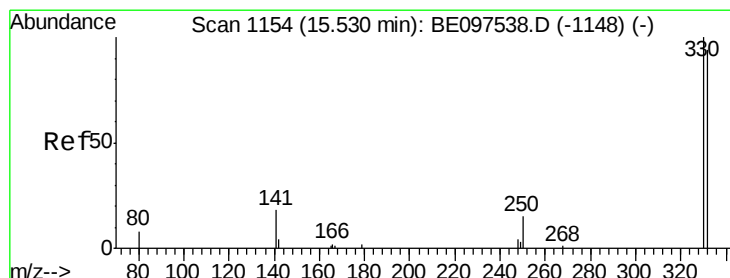
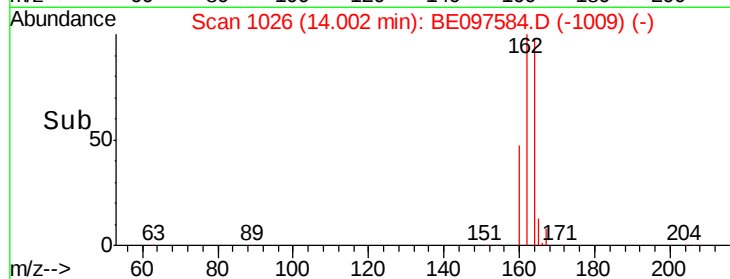
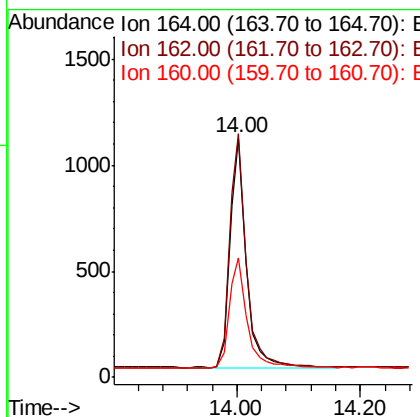
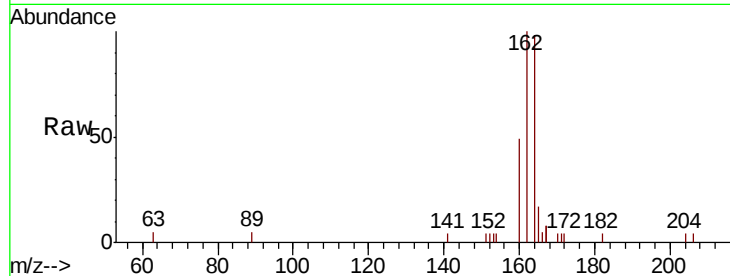




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

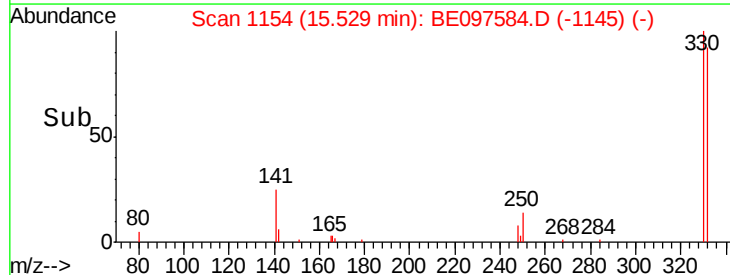
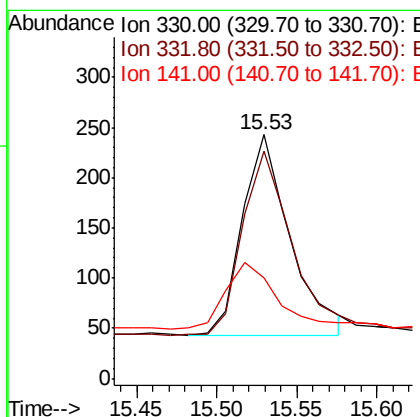
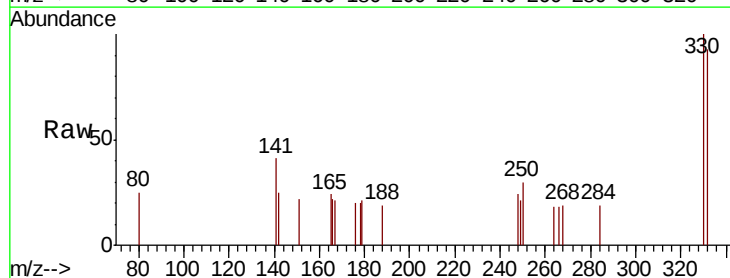
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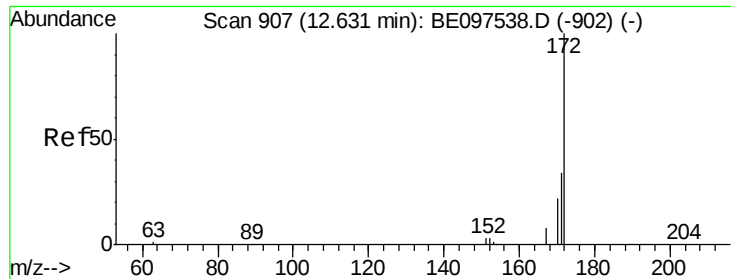
Tgt Ion:164 Resp: 1973
Ion Ratio Lower Upper
164 100
162 101.9 83.1 124.7
160 49.9 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.521 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Tgt Ion:330 Resp: 415
Ion Ratio Lower Upper
330 100
332 95.2 152.7 229.1#
141 36.1 33.7 50.5

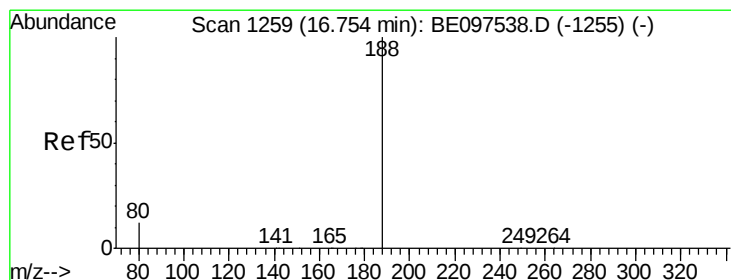
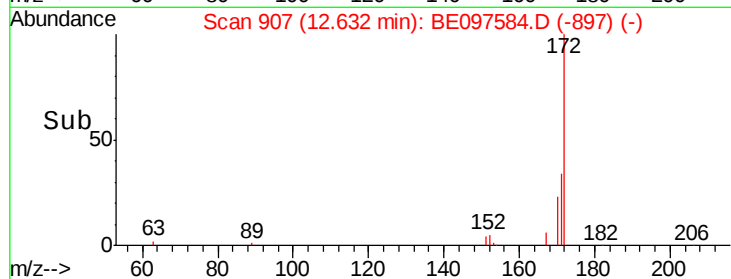
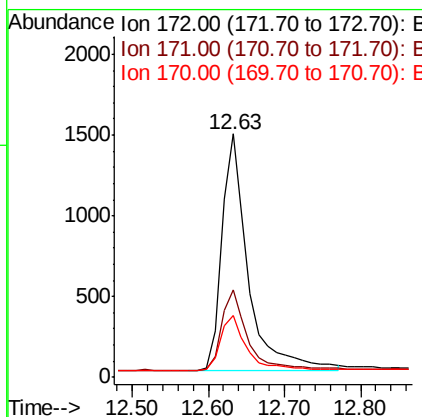
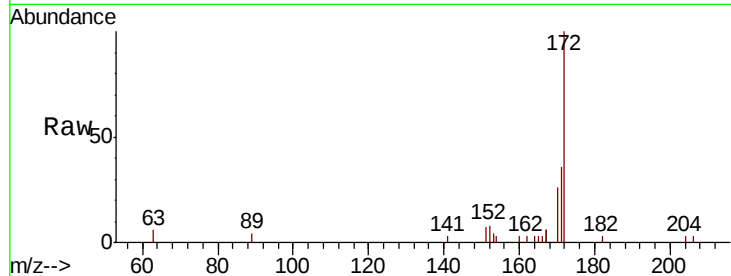




#15
 2-Fluorobiphenyl
 Concen: 0.505 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

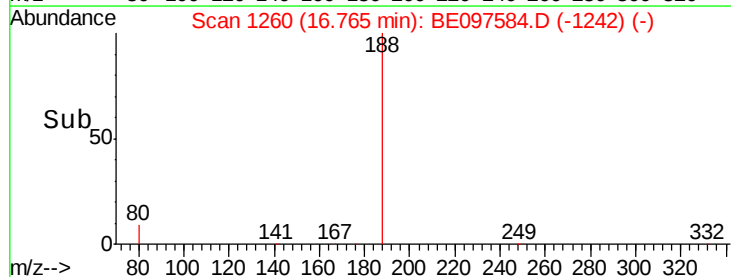
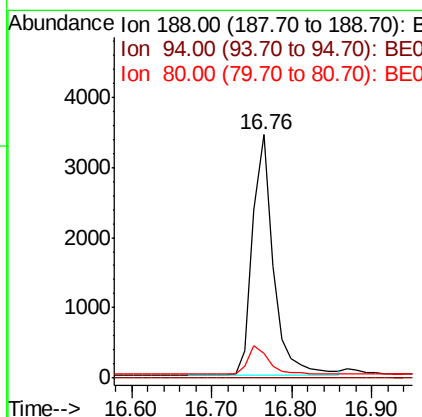
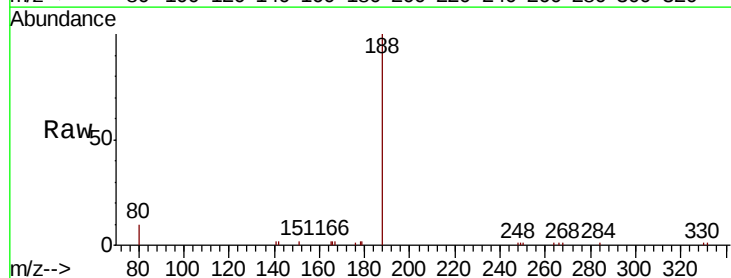
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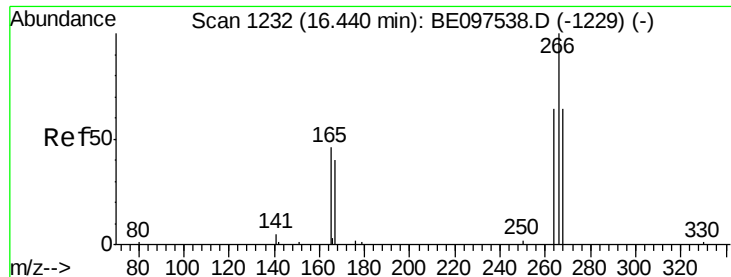
Tgt Ion:172 Resp: 3524
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.9 44.9
 170 25.5 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.76 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Tgt Ion:188 Resp: 6140
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 10.4 3.6 5.4#

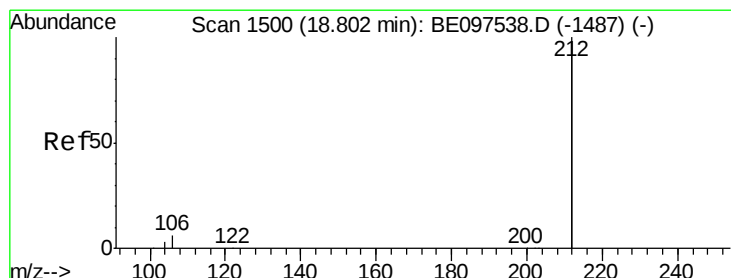
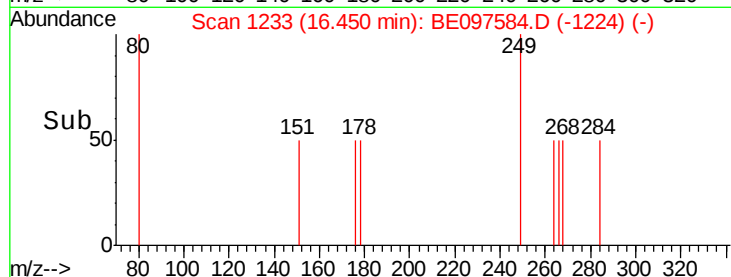
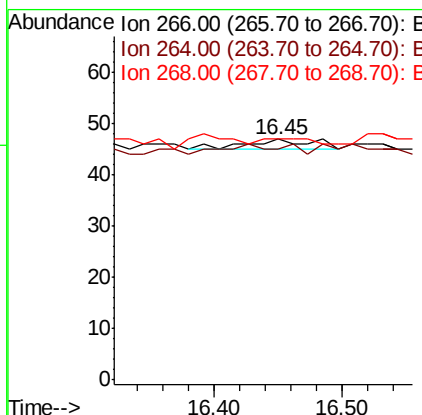
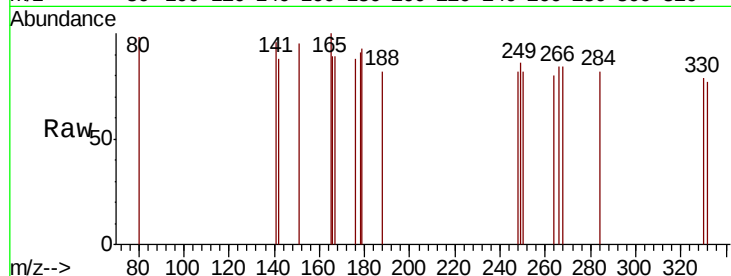




#22
 Pentachlorophenol
 Concen: 0.135 ng
 RT: 16.45 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

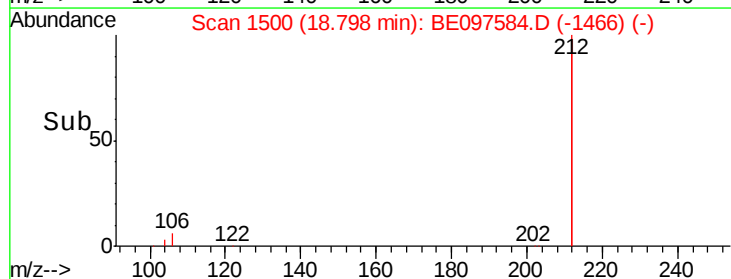
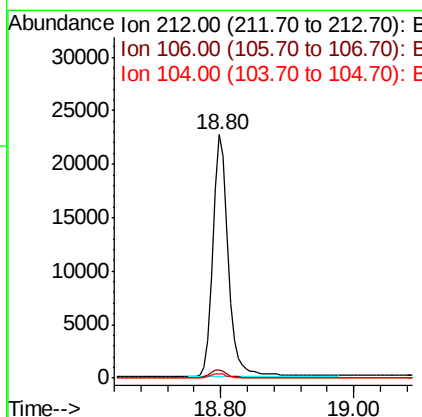
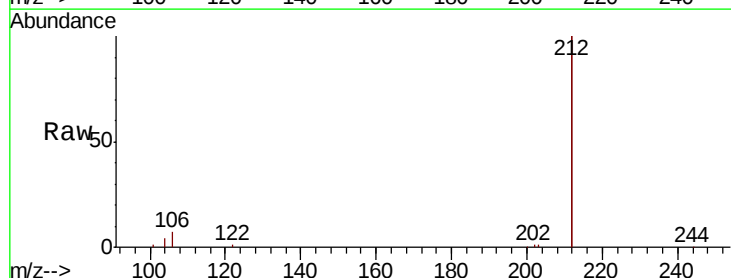
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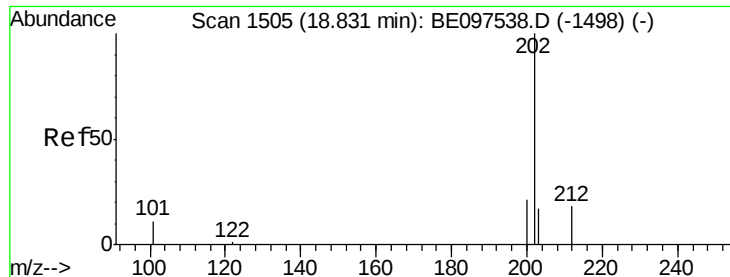
Tgt Ion: 266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 95.7 72.5 108.7
 268 100.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.457 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Tgt Ion: 212 Resp: 35941
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.8 1.6 2.4

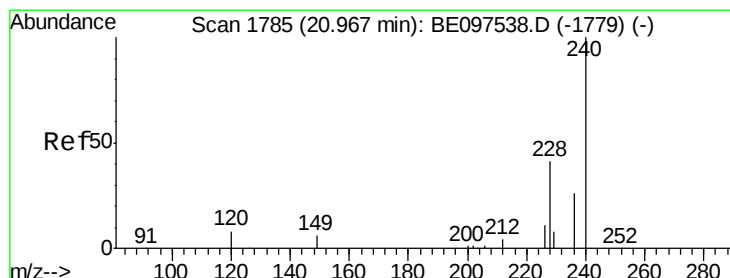
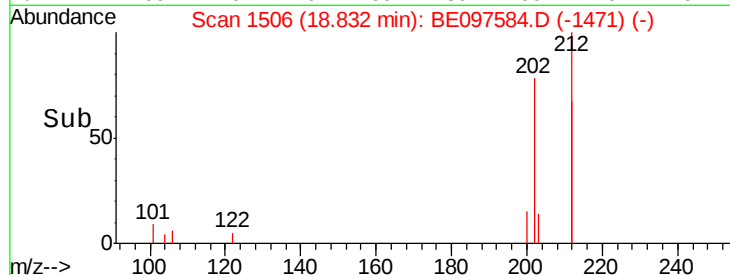
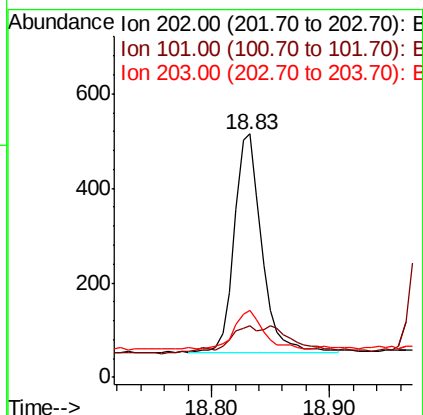
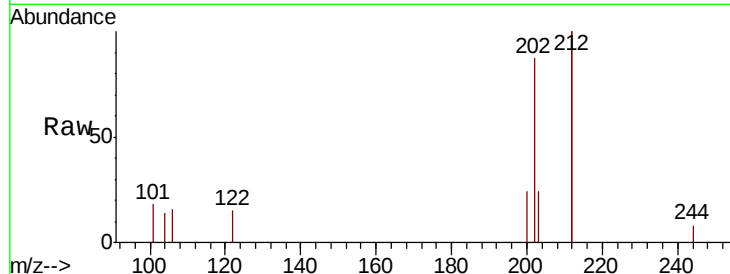




#26
 Fluoranthene
 Concen: 0.036 ng
 RT: 18.83 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

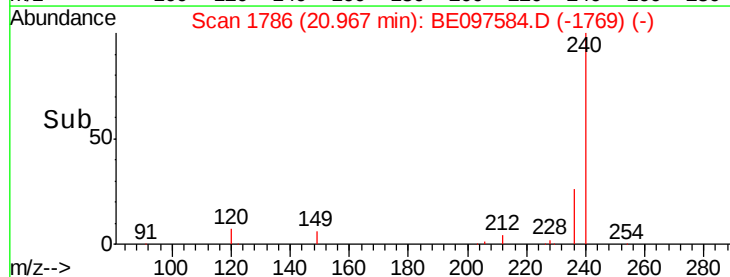
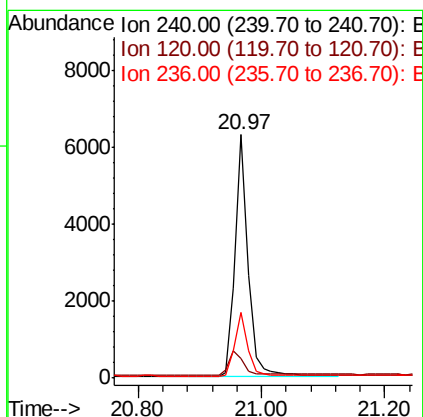
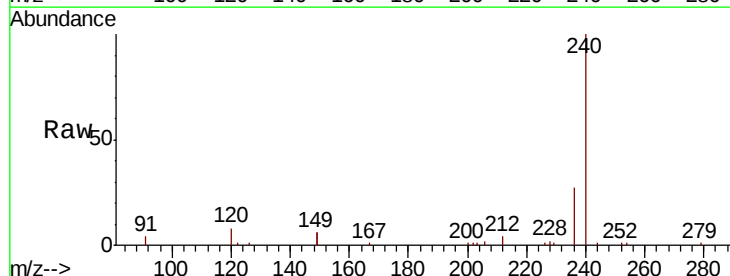
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 ClientSampleId :
 BP-TT-AOC22-MW07-20180913

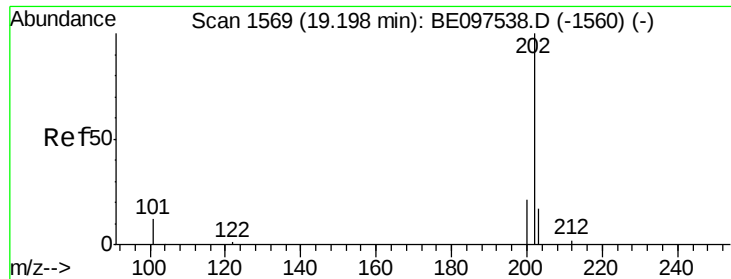
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	18.9	13.7	20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	27.2	20.7	31.1

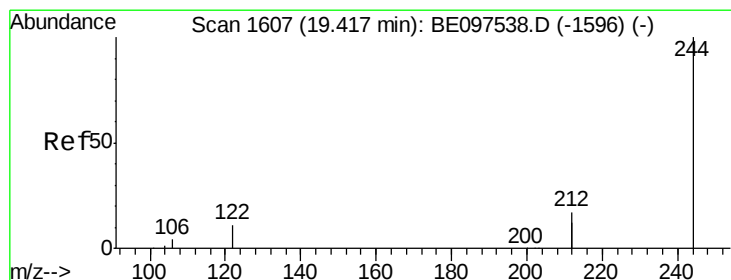
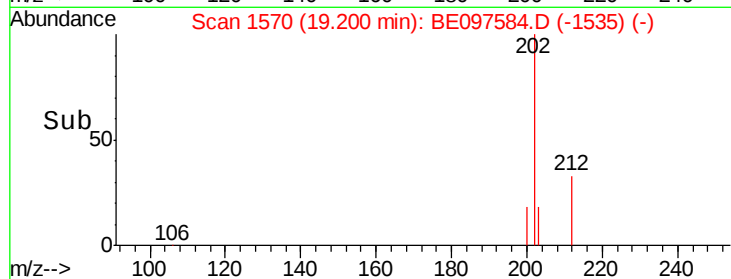
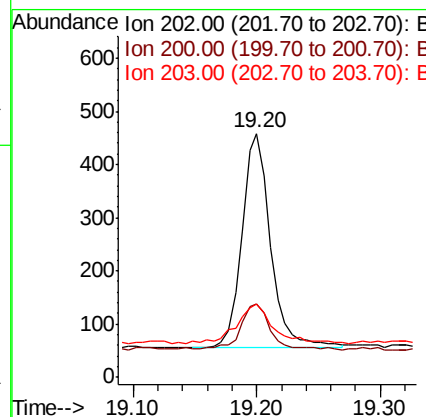
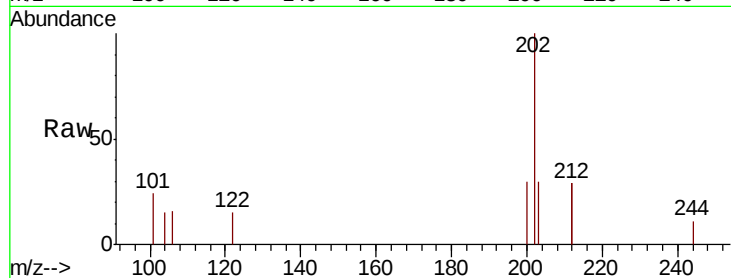




#28
 Pyrene
 Concen: 0.032 ng
 RT: 19.20 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

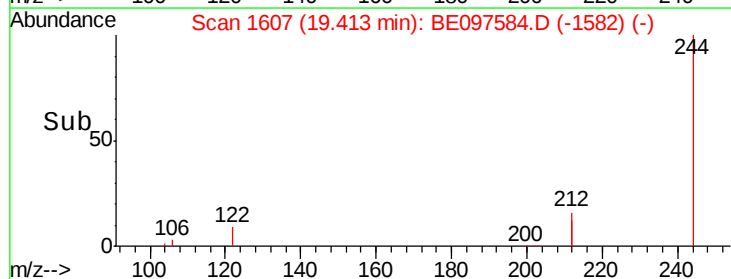
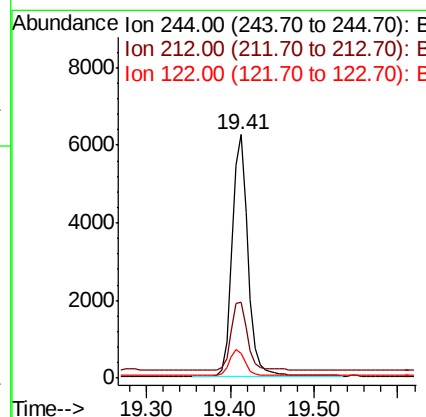
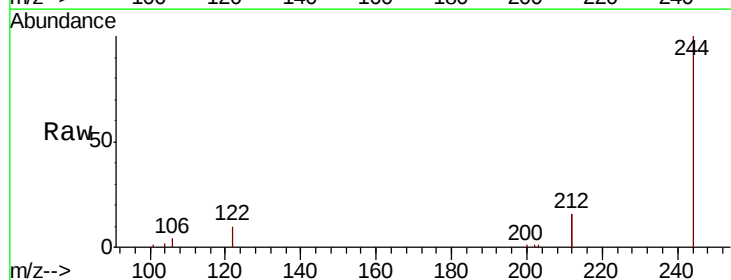
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20180913

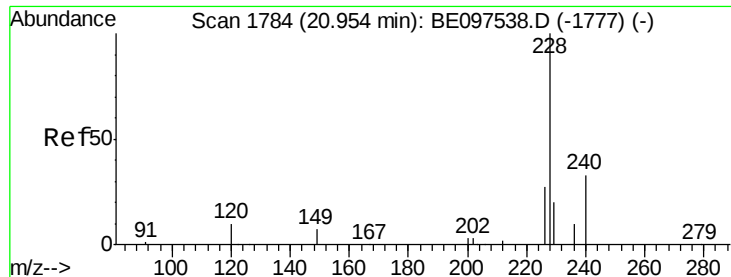
Tgt Ion: 202 Resp: 652
 Ion Ratio Lower Upper
 202 100
 200 22.9 16.6 25.0
 203 22.9 13.8 20.8#



#29
 Terphenyl-d14
 Concen: 0.493 ng
 RT: 19.41 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Tgt Ion: 244 Resp: 8108
 Ion Ratio Lower Upper
 244 100
 212 31.0 25.4 38.0
 122 10.2 8.1 12.1





#30

Benzo(a)anthracene

Concen: 0.035 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.05 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180913

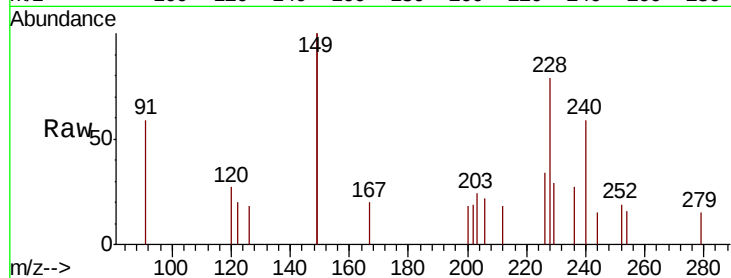
Tgt Ion:228 Resp: 788

Ion Ratio Lower Upper

228 100

226 43.5 24.0 36.0#

229 36.7 16.0 24.0#

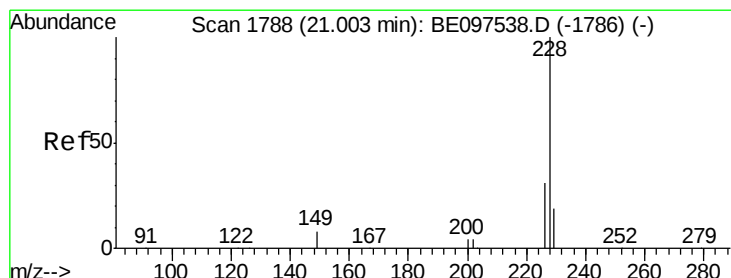
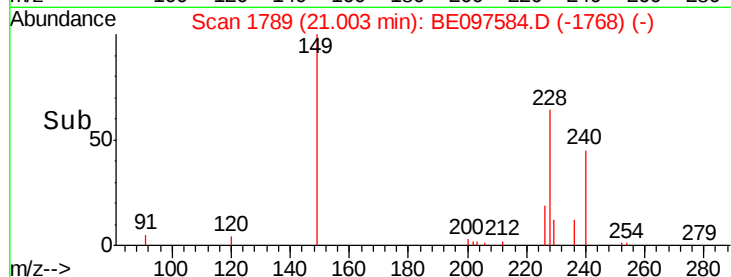
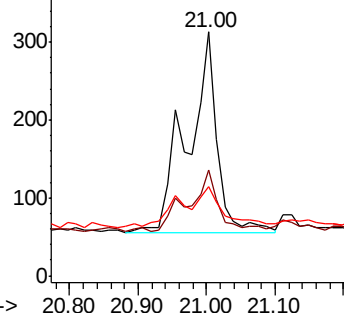


Abundance

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



#31

Chrysene

Concen: 0.030 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

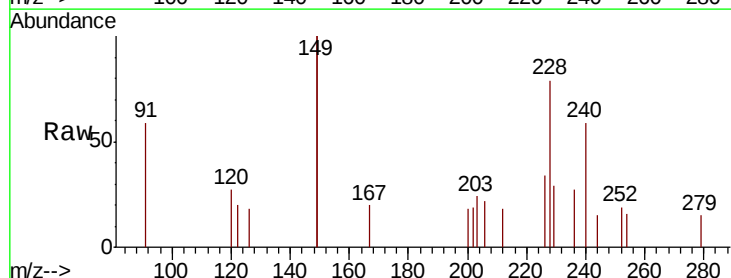
Tgt Ion:228 Resp: 729

Ion Ratio Lower Upper

228 100

226 43.5 24.0 36.0#

229 36.7 16.0 24.0#

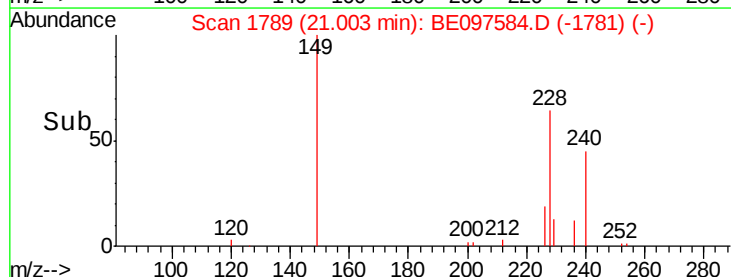
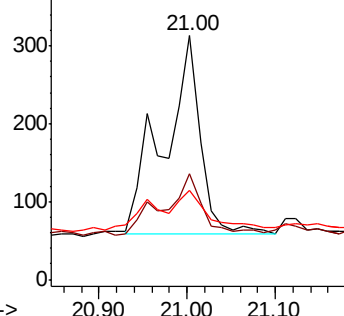


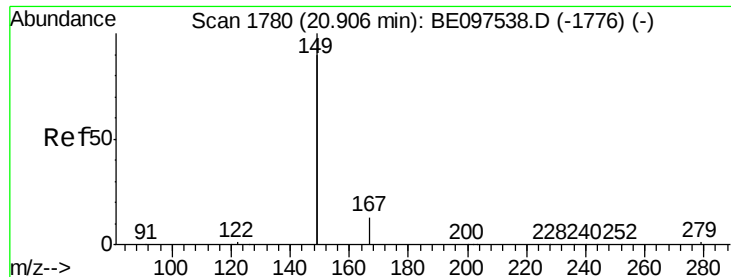
Abundance

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

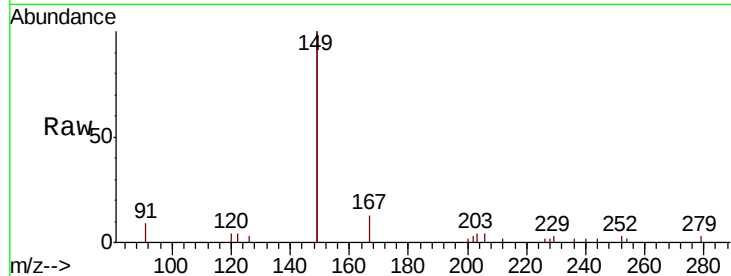




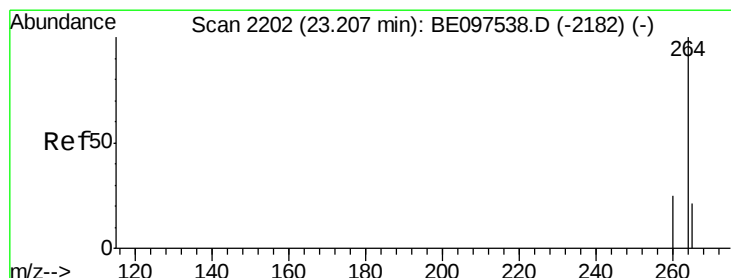
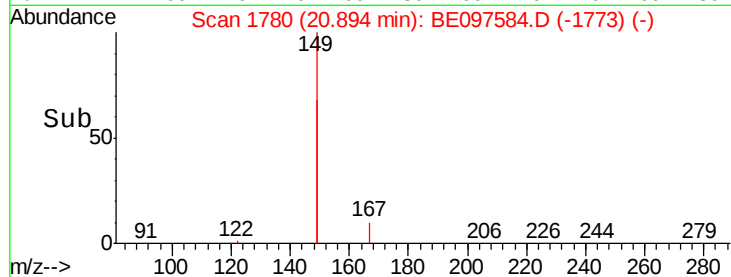
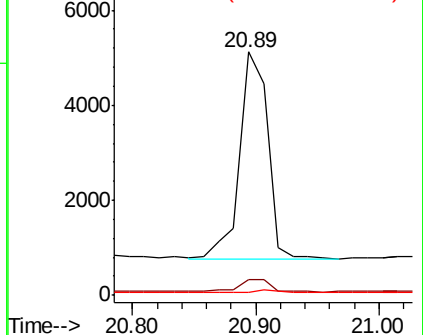
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.191 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20180913

Tgt Ion:149 Resp: 6854
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.1 0.7 1.1#

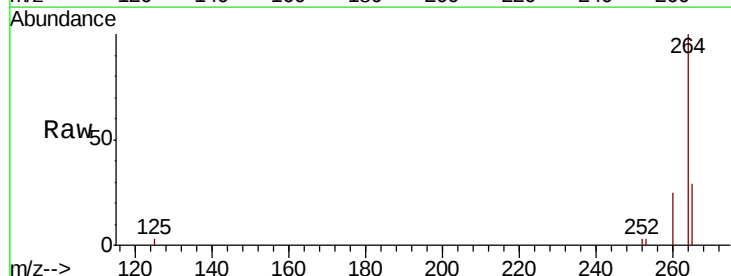


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

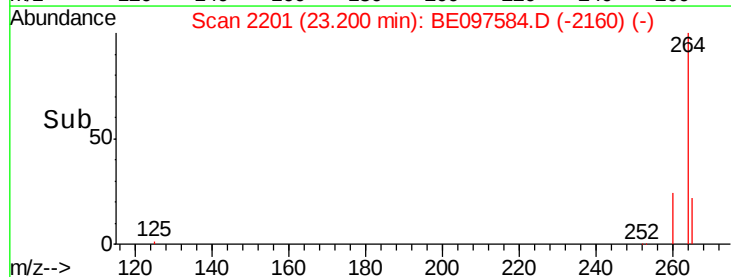
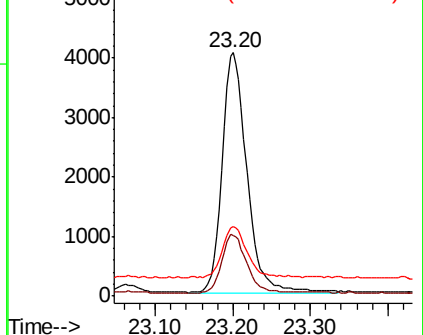


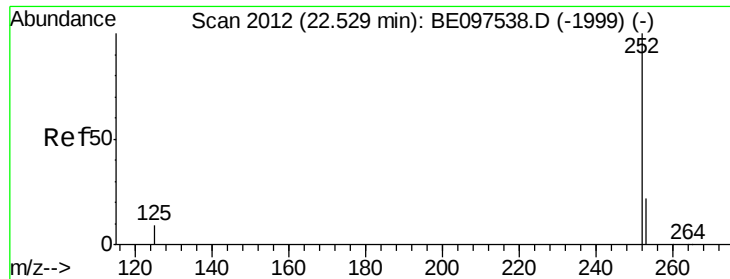
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Tgt Ion:264 Resp: 8895
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 28.7 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





#35

Benzo(b)fluoranthene

Concen: 0.030 ng

RT: 22.54 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180913

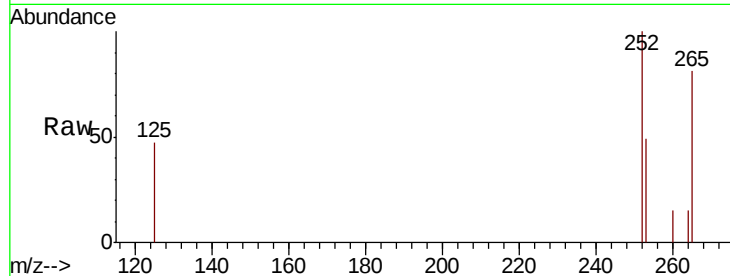
Tgt Ion:252 Resp: 675

Ion Ratio Lower Upper

252 100

253 49.5 20.0 30.0#

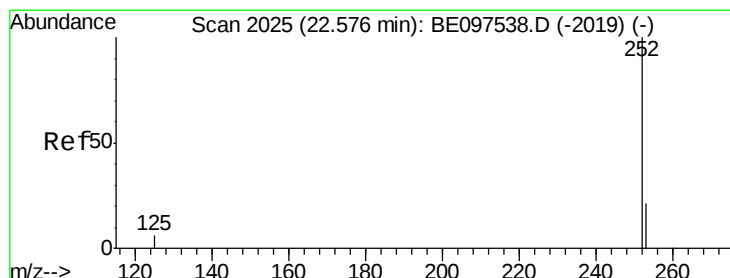
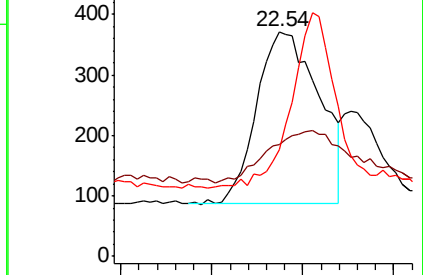
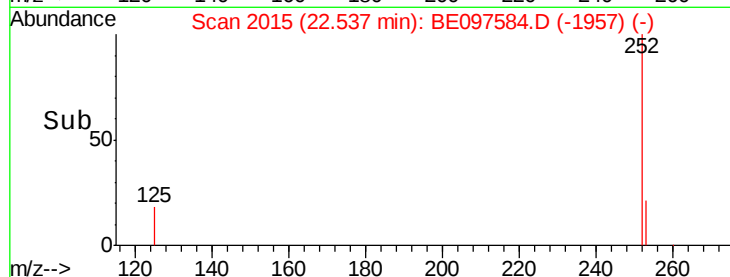
125 47.3 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.026 ng

RT: 22.54 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

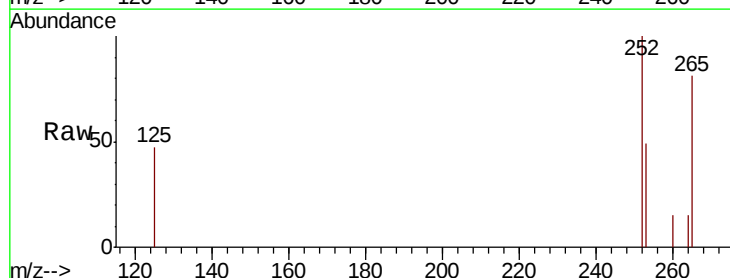
Tgt Ion:252 Resp: 675

Ion Ratio Lower Upper

252 100

253 49.5 16.0 24.0#

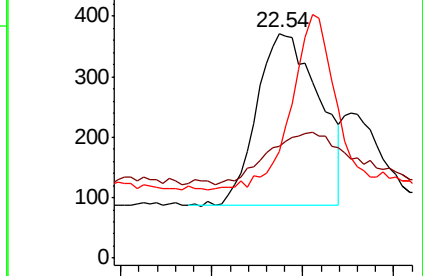
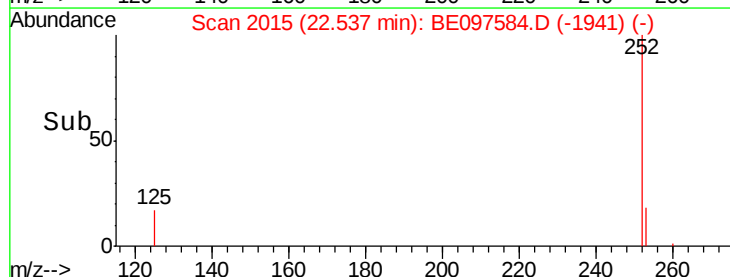
125 47.3 8.0 12.0#

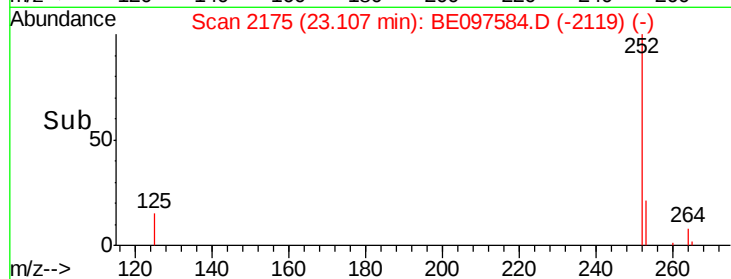
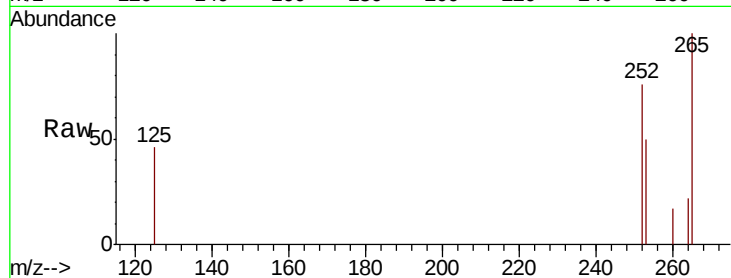
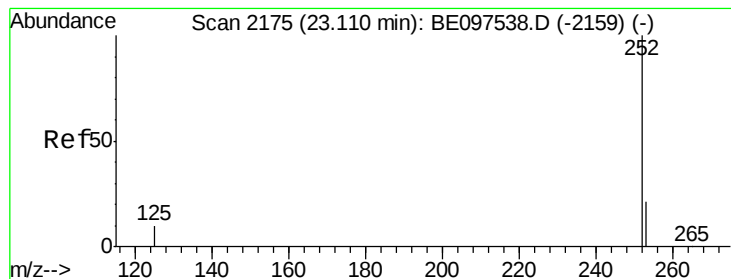


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.035 ng

RT: 23.11 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW07-20180913

Tgt Ion: 252 Resp: 344

Ion Ratio Lower Upper

252 100

253 66.8 16.0 24.0#

125 60.5 12.0 18.0#

