

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097086.D
 Acq On : 25 Jul 2018 00:04
 Operator : SJ/JU
 Sample : J4073-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D2-071618

Quant Time: Jul 25 01:24:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

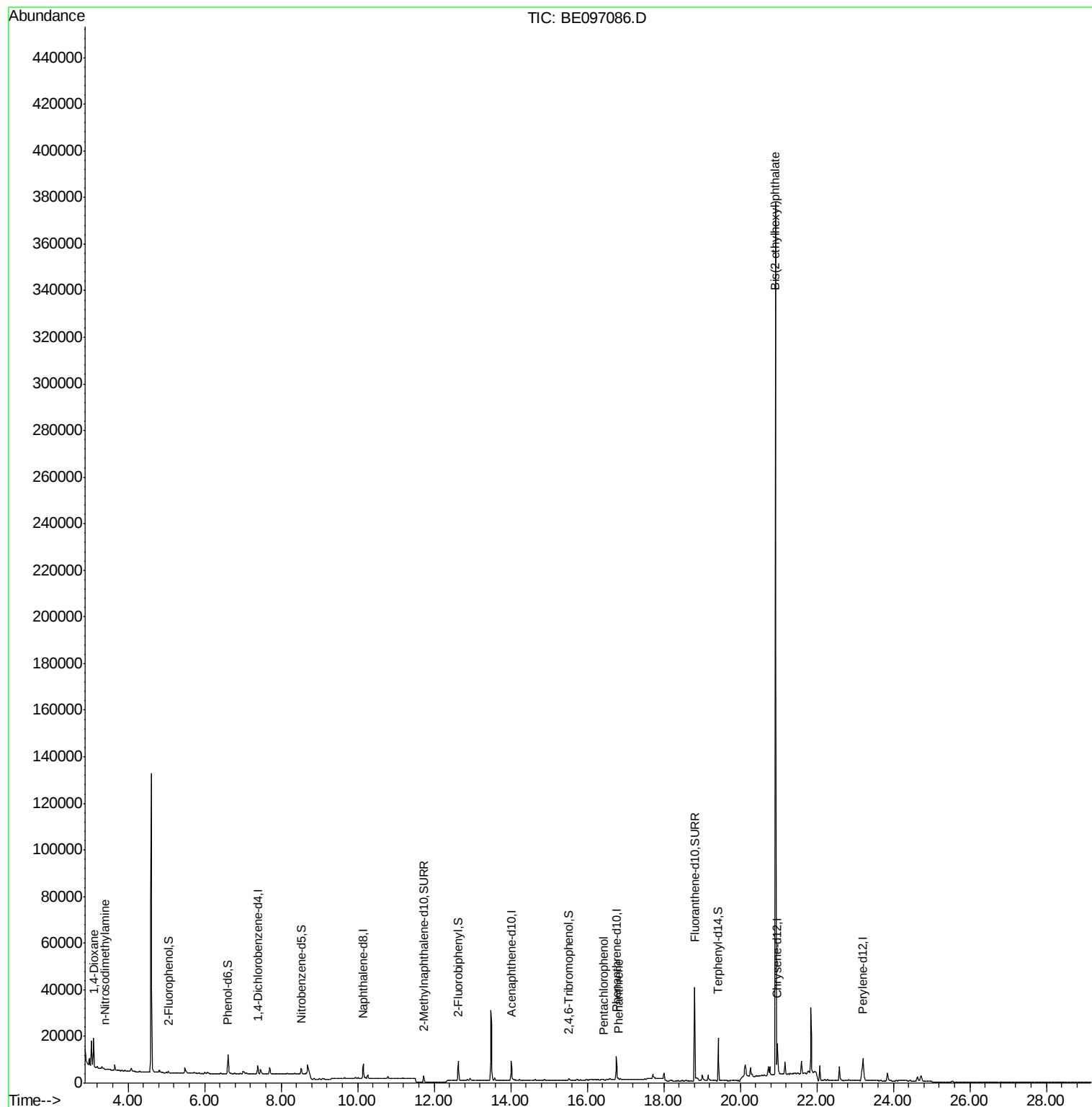
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1386	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6846	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4530	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	12913	0.40	ng	0.00
27) Chrysene-d12	20.97	240	14141	0.40	ng	-0.01
34) Perylene-d12	23.21	264	13598	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	391	0.10	ng	0.00
5) Phenol-d6	6.60	99	410	0.07	ng	0.00
8) Nitrobenzene-d5	8.52	82	2286	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3612	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	435	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7155	0.46	ng	0.00
25) Fluoranthene-d10	18.81	212	54585	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	15176	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	6677	3.032	ng	Qvalue # 91
3) n-Nitrosodimethylamine	3.41	42	52	0.021	ng	# 1
22) Pentachlorophenol	16.44	266	10	0.041	ng	95
23) Phenanthrene	16.81	178	770	0.025	ng	# 85
32) Bis(2-ethylhexyl)phthalate	20.92	149	407797	5.588	ng	100

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

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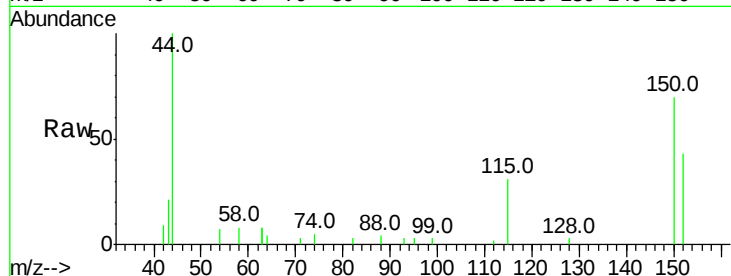


#1

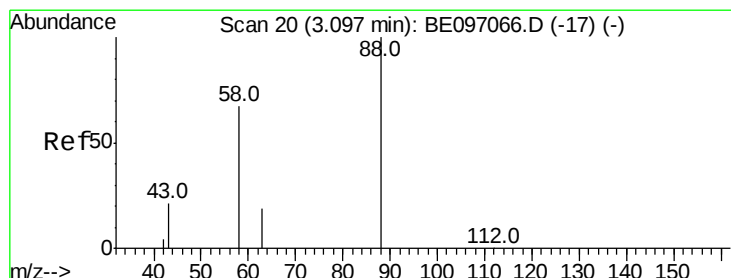
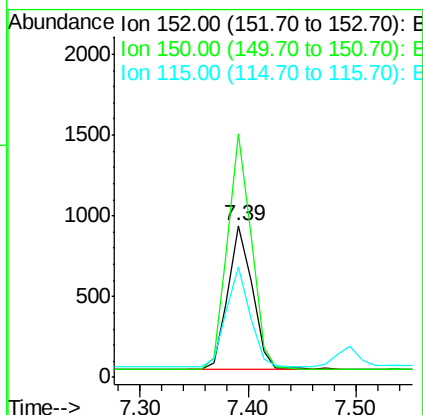
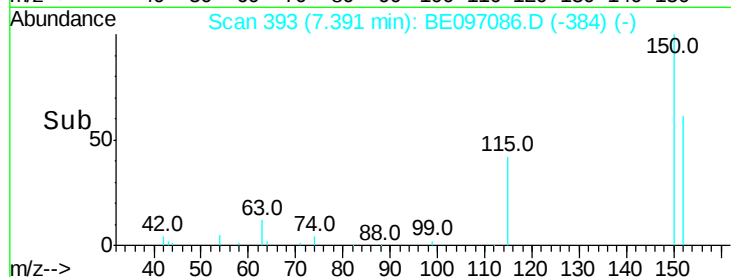
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Instrument :
BNA_E
ClientSampleId :
RE109D2-071618

Tot Ion:152 Resp: 1386
Ion Ratio Lower Upper
152 100
150 160.6 117.2 175.8
115 72.6 57.0 85.6



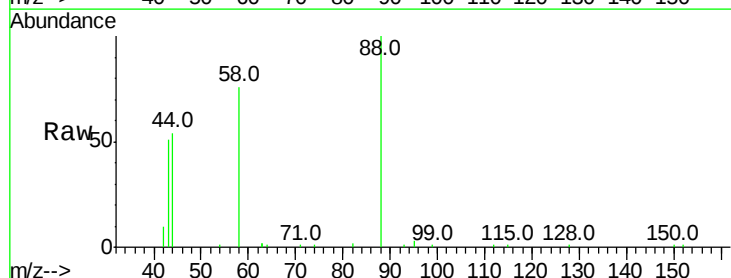
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



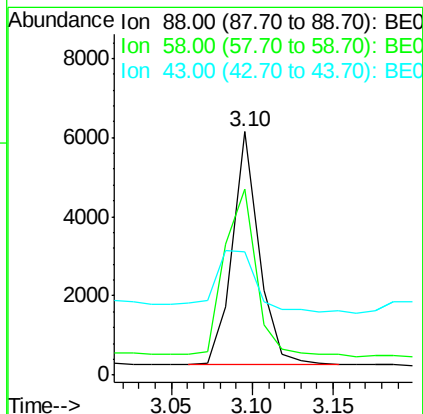
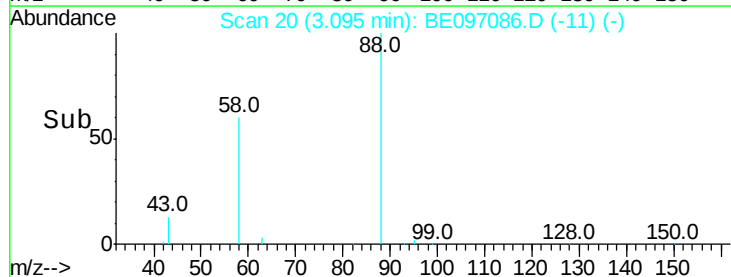
#2

1,4-Dioxane
Concen: 3.032 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Tgt Ion: 88 Resp: 6677
Ion Ratio Lower Upper
88 100
58 82.8 63.2 94.8
43 40.2 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: 0.021 ng

RT: 3.41 min Scan# 47

Delta R.T. 0.02 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

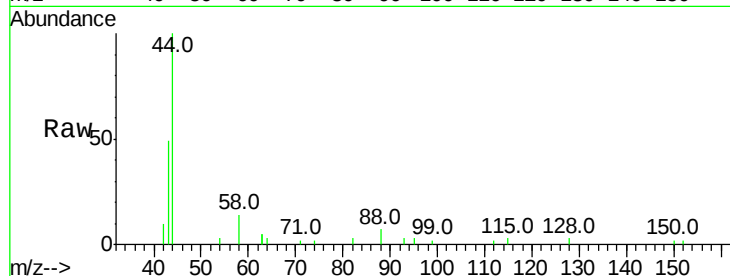
Tot Ion: 42 Resp: 52

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

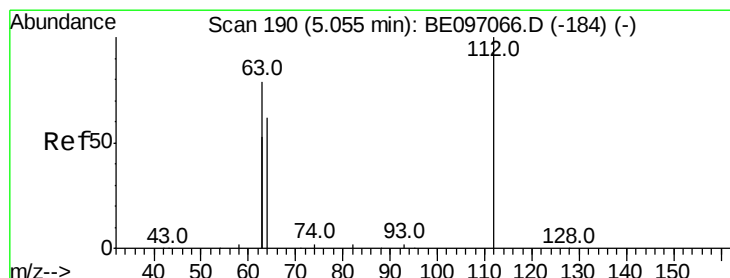
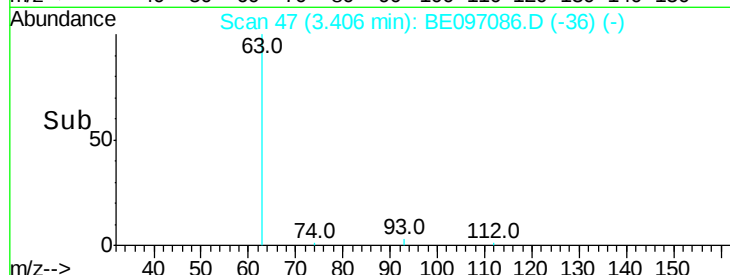
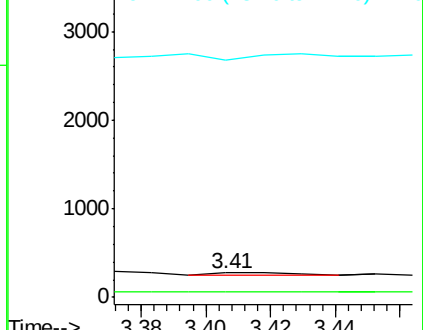
44 0.0 12.0 18.0#



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: 0.100 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

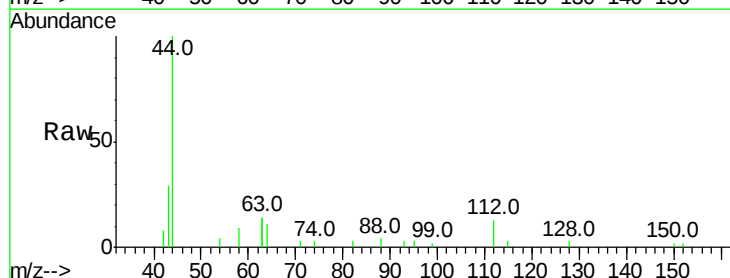
Tgt Ion: 112 Resp: 391

Ion Ratio Lower Upper

112 100

64 80.8 60.1 90.1

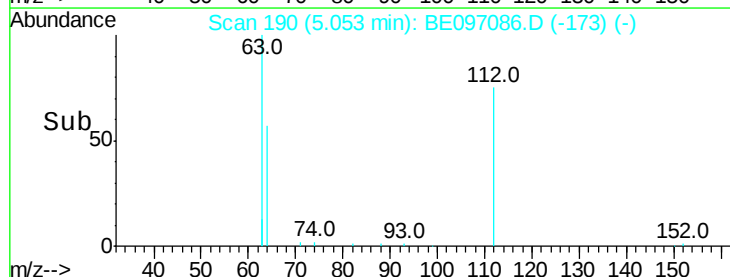
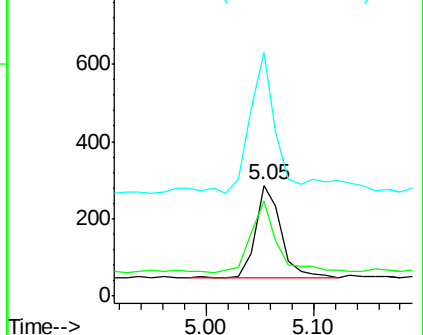
63 139.6 116.8 175.2

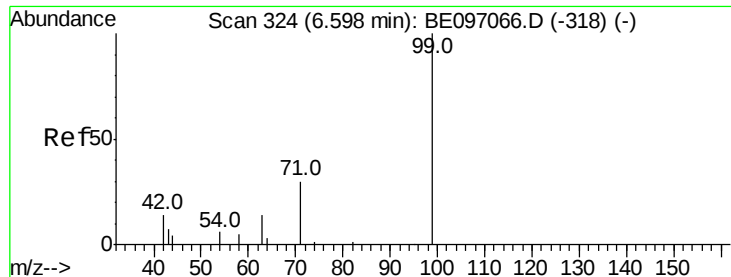


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.072 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

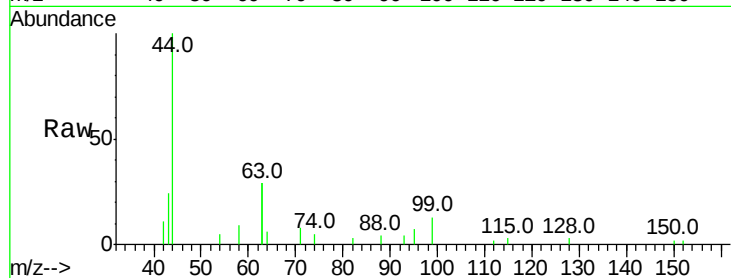
Tot Ion: 99 Resp: 410

Ion Ratio Lower Upper

99 100

42 112.7 20.2 30.2#

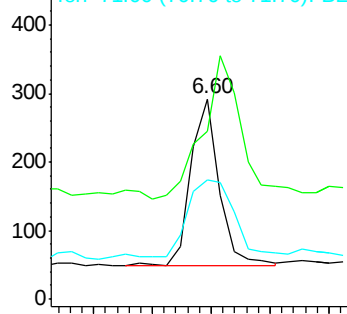
71 75.4 28.4 42.6#



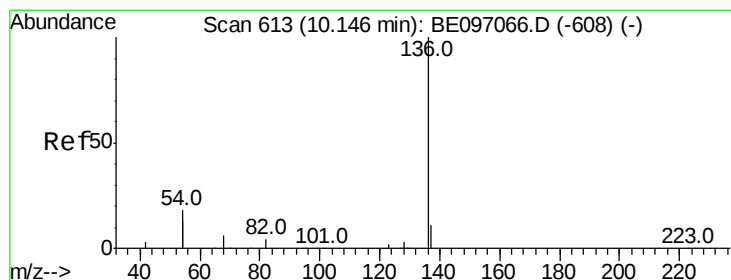
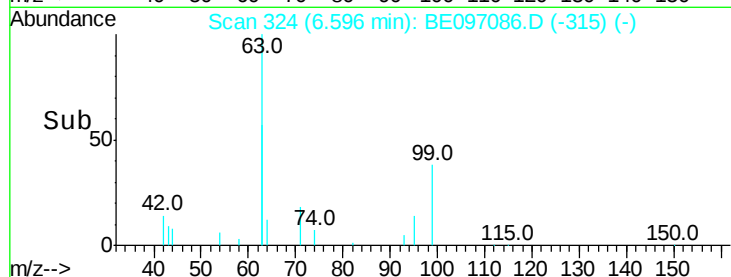
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Tgt Ion: 136 Resp: 6846

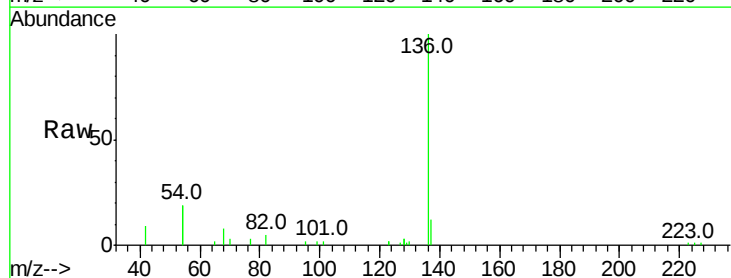
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 38.6 29.1 43.7

68 7.6 6.2 9.2

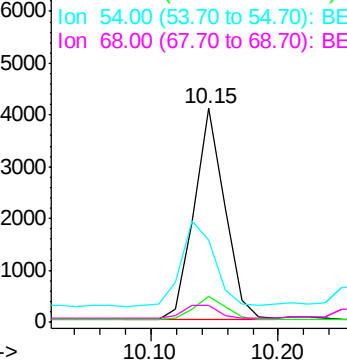


Abundance Ion 136.00 (135.70 to 136.70): E

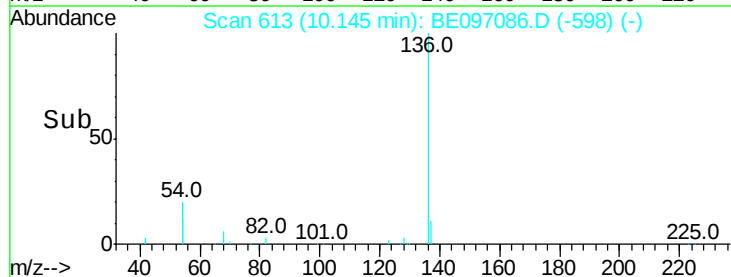
Ion 137.00 (136.70 to 137.70): E

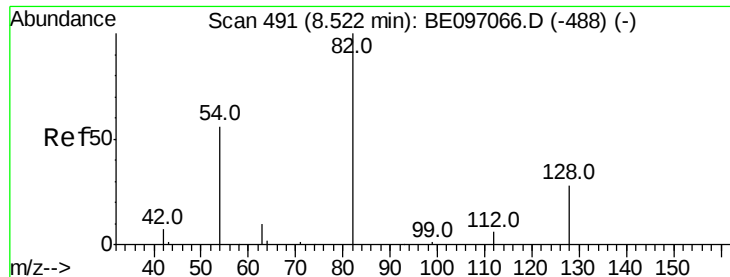
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

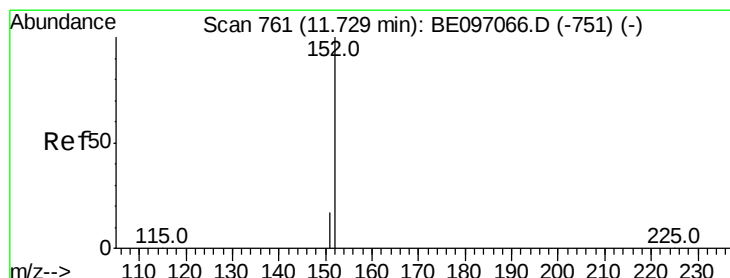
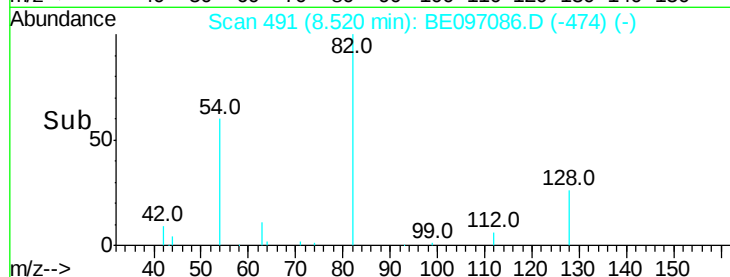
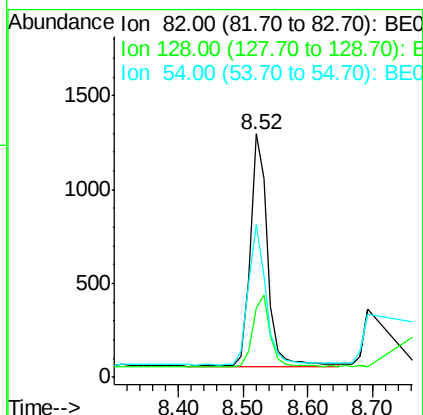
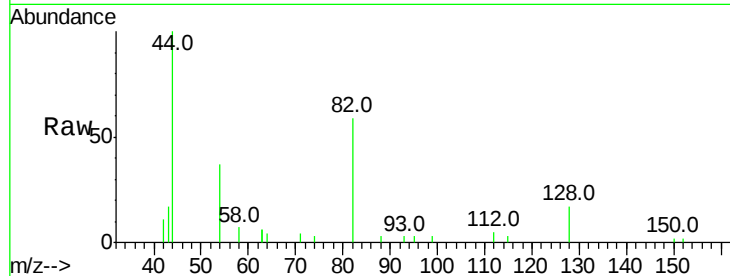




#8
 Nitrobenzene-d5
 Concen: 0.384 ng
 RT: 8.52 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

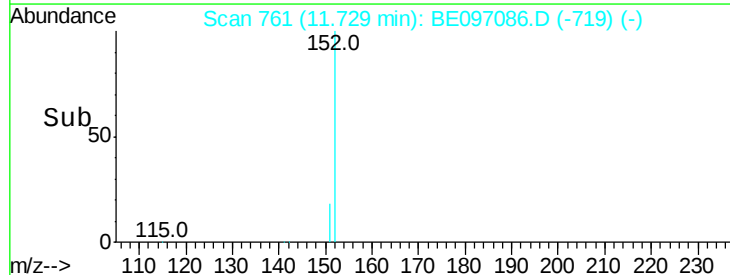
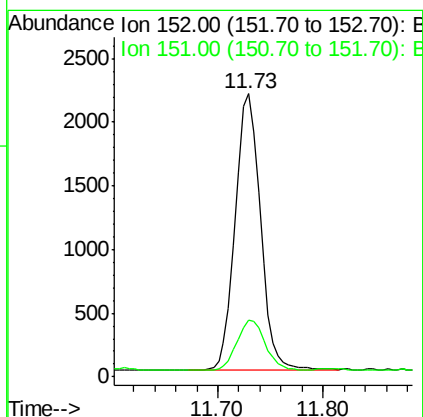
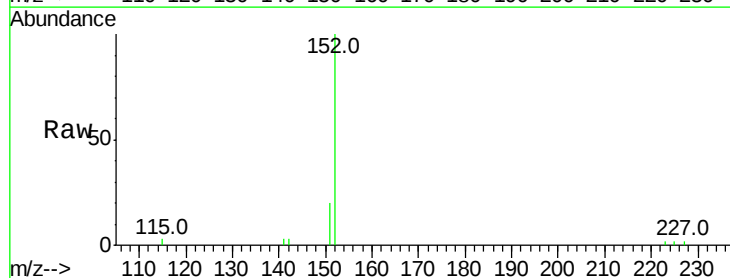
Instrument :
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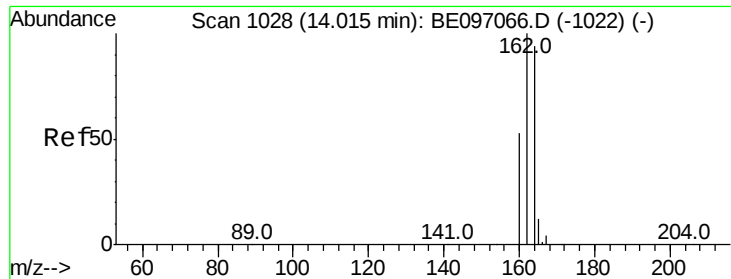
Tot Ion	82	Resp	2286
Ion	Ratio	Lower	Upper
82	100		
128	28.6	24.0	36.0
54	62.6	40.0	60.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.352 ng
 RT: 11.73 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

Tgt Ion	152	Resp	3612
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

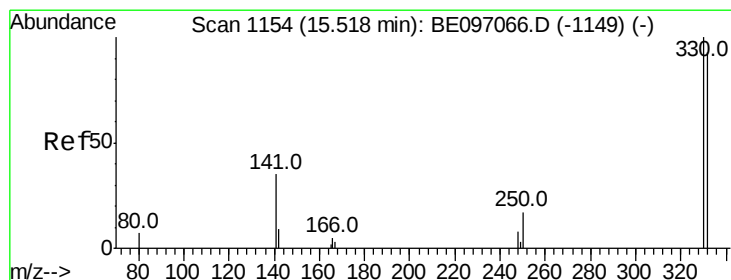
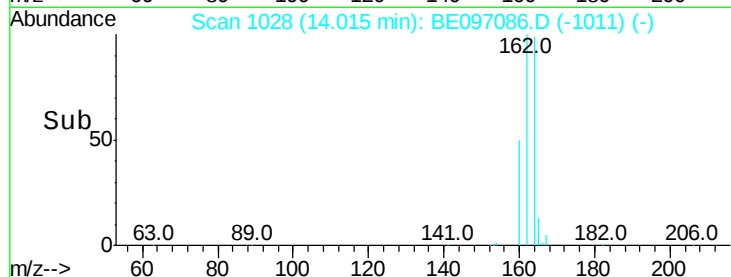
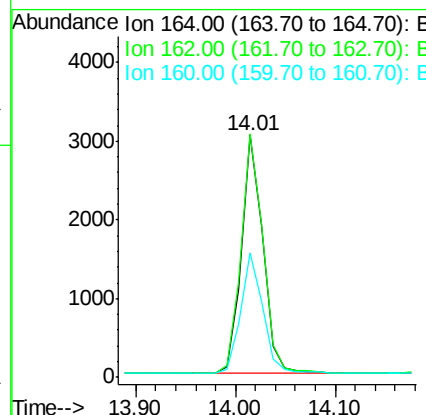
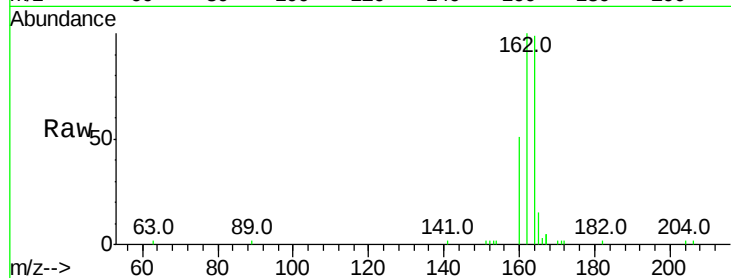




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

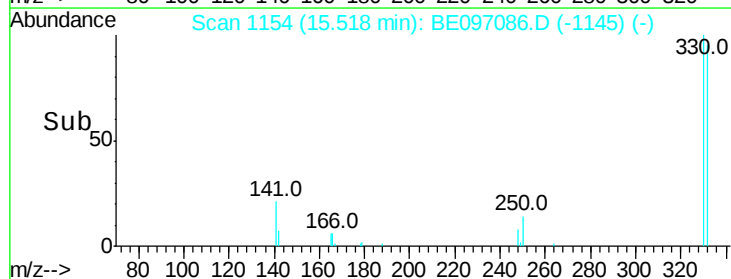
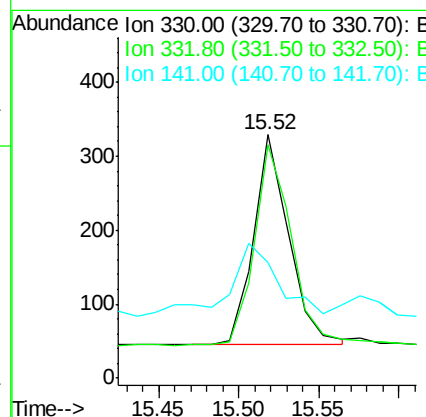
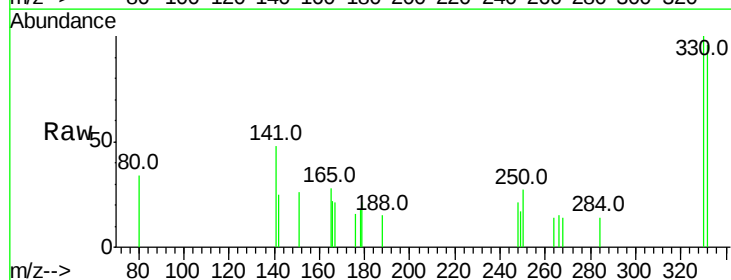
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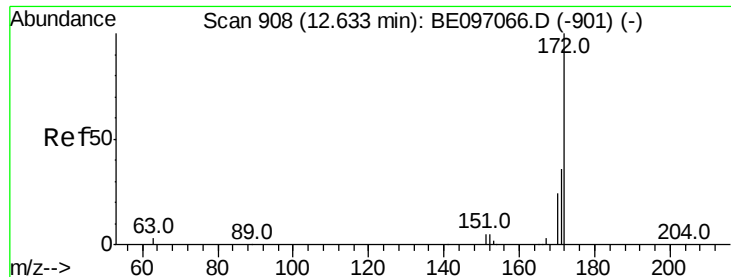
Tot Ion:164 Resp: 4530
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.1 124.7
 160 51.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.292 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

Tgt Ion:330 Resp: 435
 Ion Ratio Lower Upper
 330 100
 332 101.1 152.7 229.1#
 141 49.9 33.7 50.5

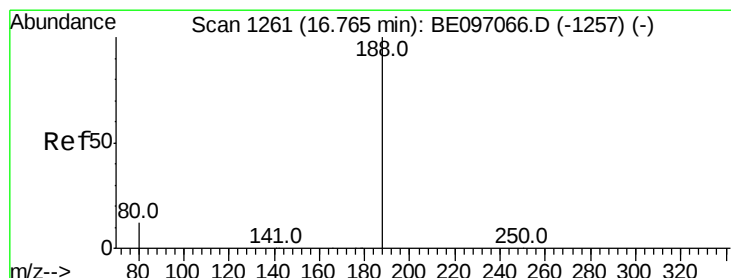
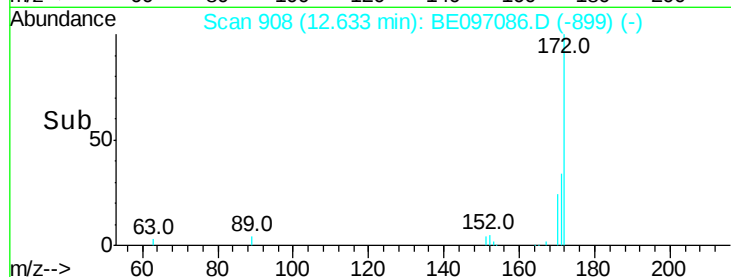
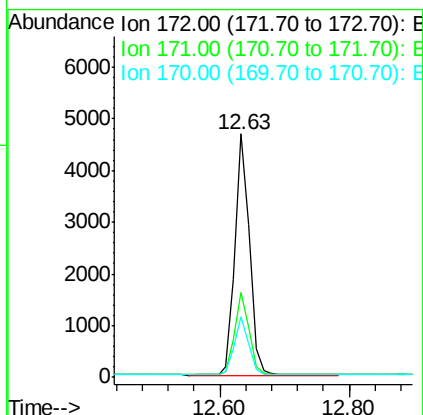
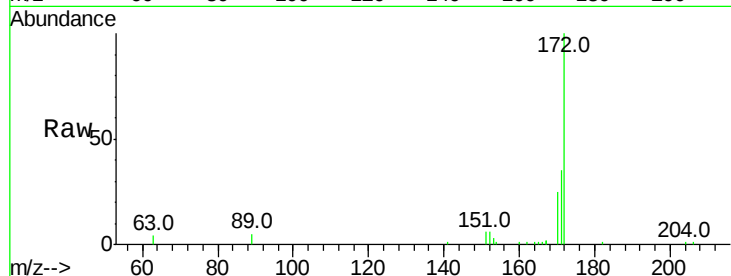




#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

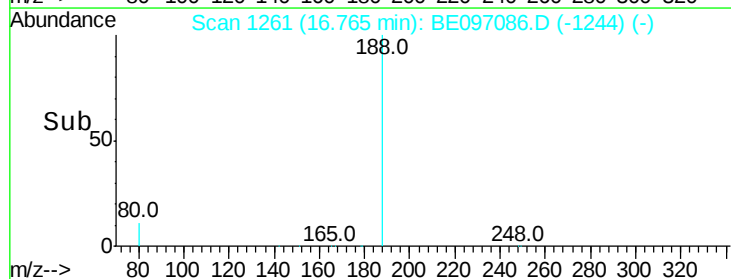
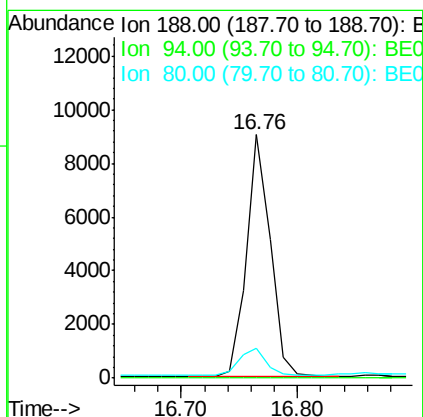
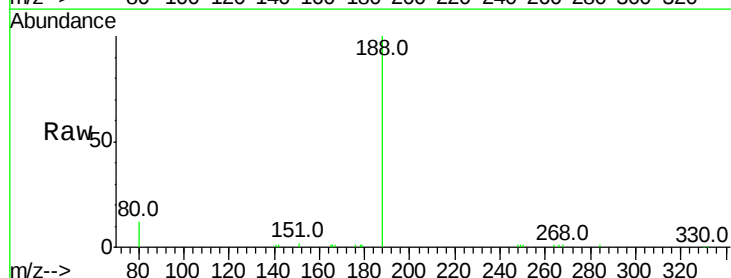
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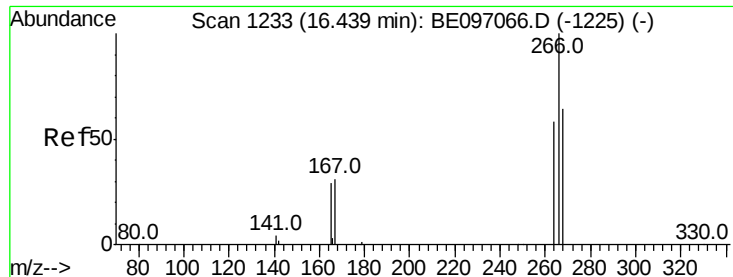
Tot Ion:172 Resp: 7155
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 24.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Tgt Ion:188 Resp: 12913
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.2 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.041 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

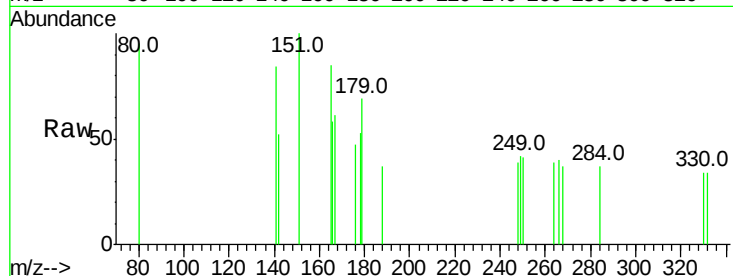
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

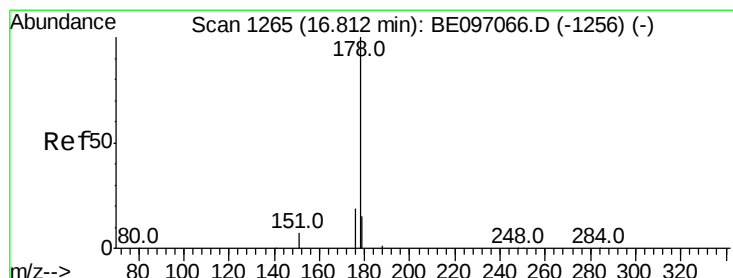
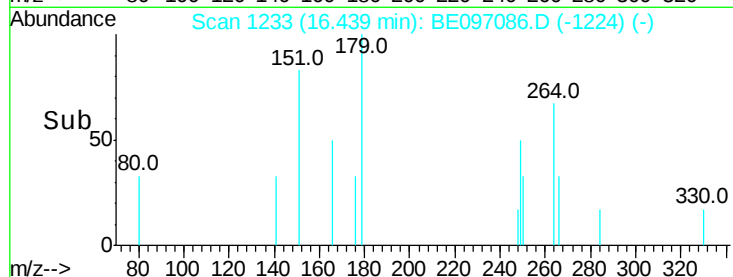
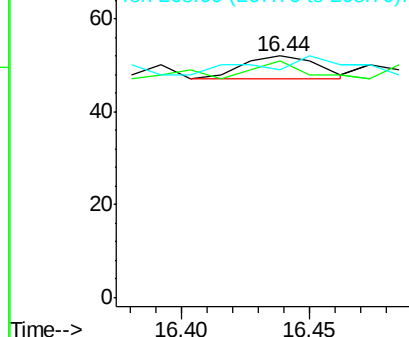
266 100

264 98.1 72.5 108.7

268 94.2 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



#23

Phenanthrene

Concen: 0.025 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

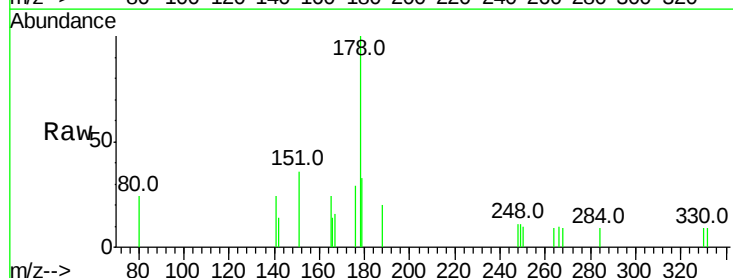
Tgt Ion:178 Resp: 770

Ion Ratio Lower Upper

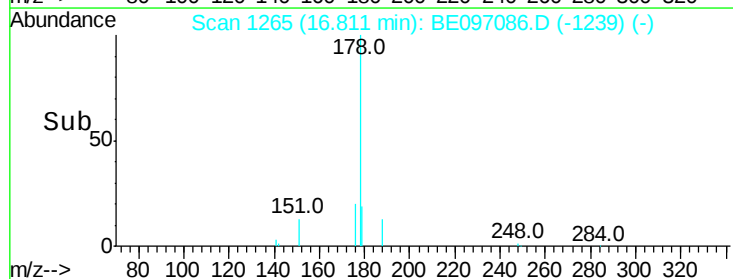
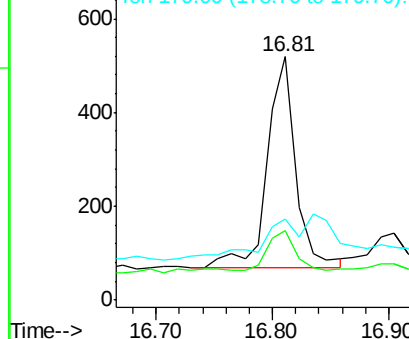
178 100

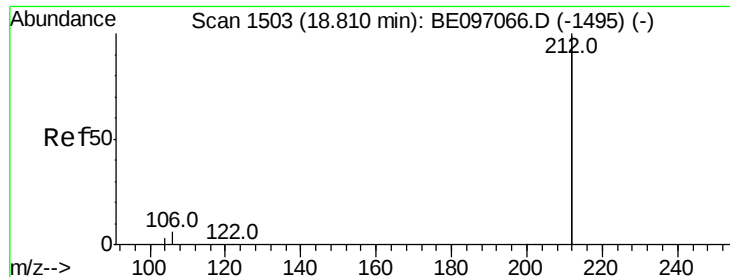
176 18.3 15.1 22.7

179 28.4 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

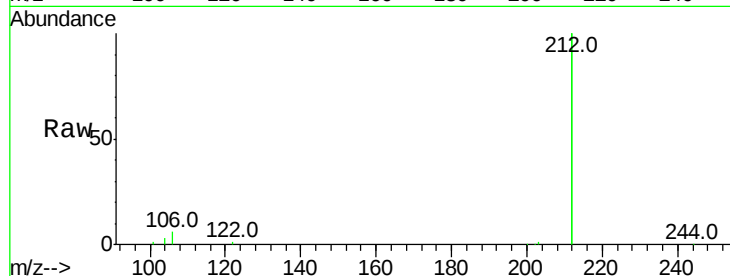
Tot Ion:212 Resp: 54585

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

104 1.7 1.6 2.4

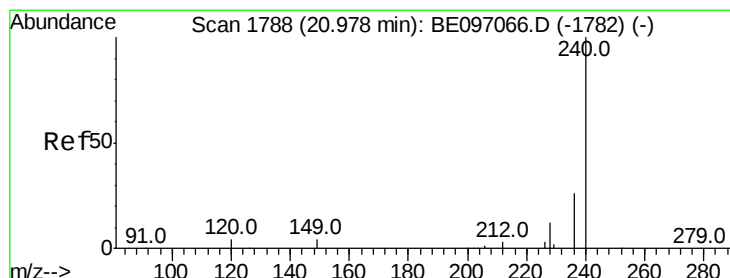
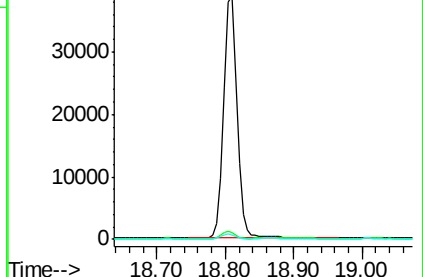
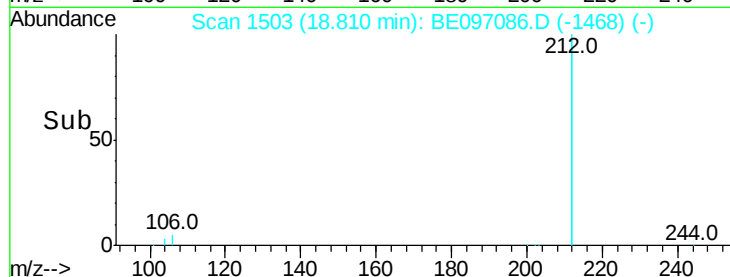


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

18.81



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

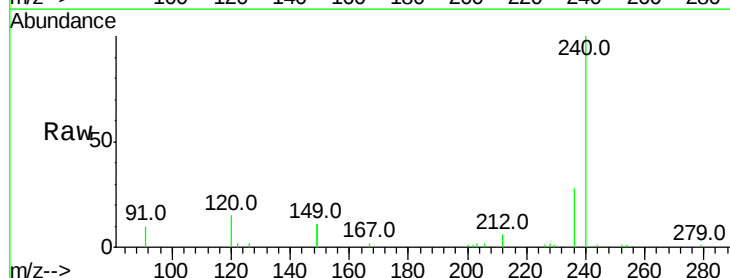
Tgt Ion:240 Resp: 14141

Ion Ratio Lower Upper

240 100

120 15.0 5.5 8.3#

236 28.3 20.7 31.1

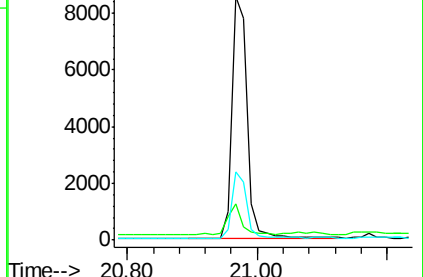
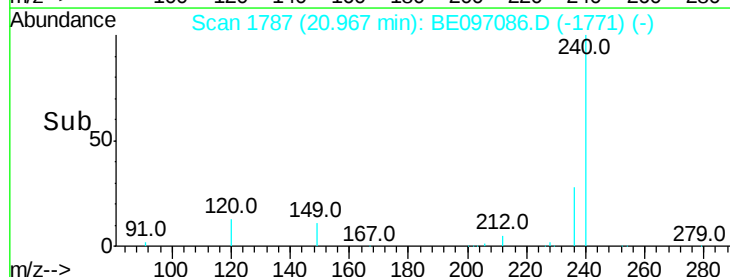


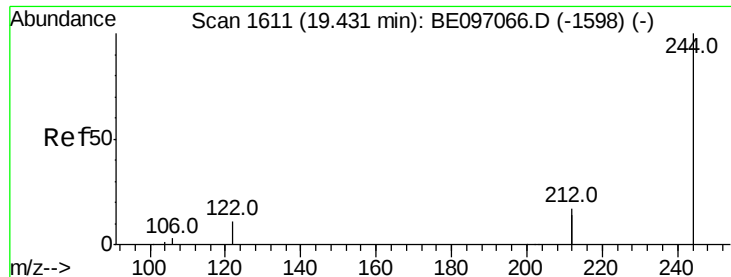
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

20.97





#29

Terphenyl-d14

Concen: 0.559 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampleId :

RE109D2-071618

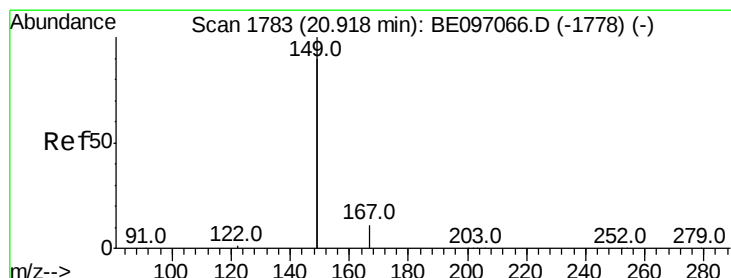
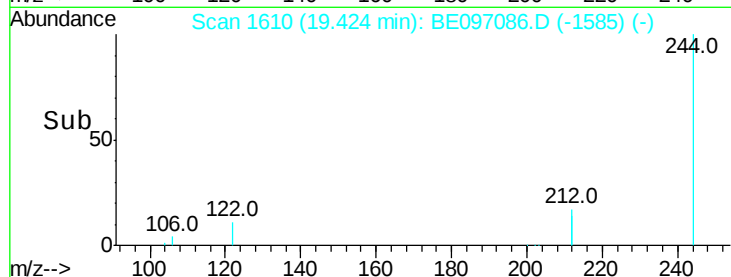
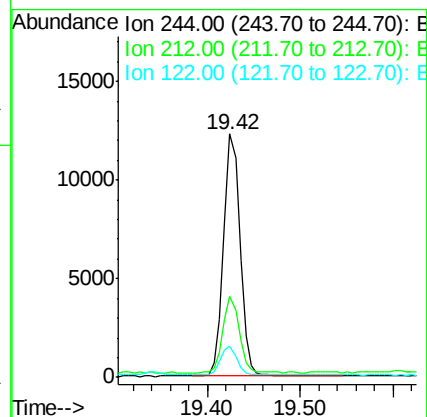
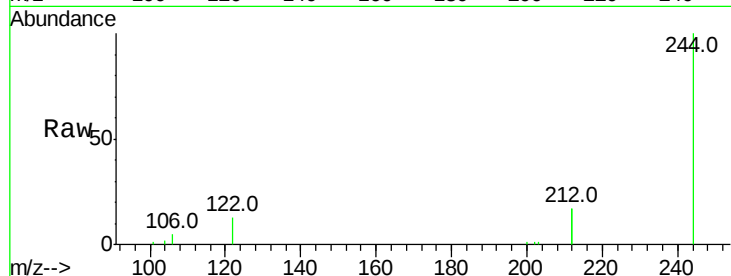
Tot Ion:244 Resp: 15176

Ion Ratio Lower Upper

244 100

212 33.1 25.4 38.0

122 12.6 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 5.588 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

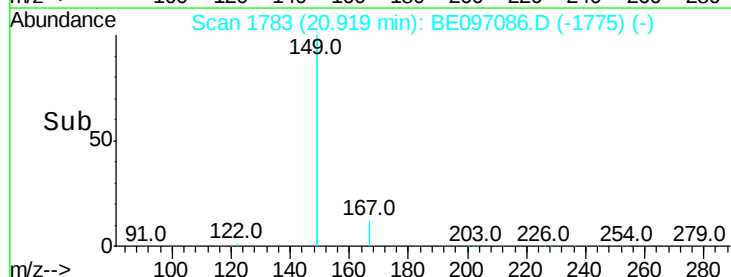
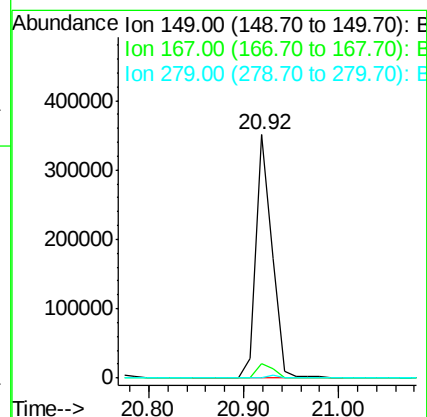
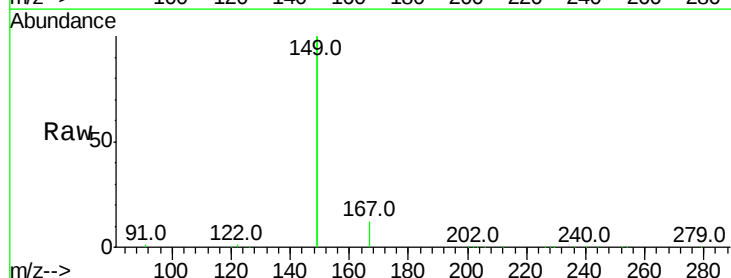
Tgt Ion:149 Resp: 407797

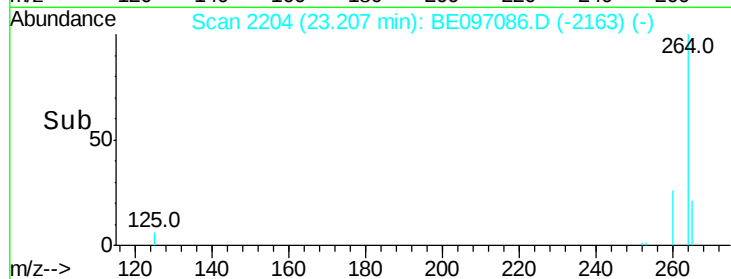
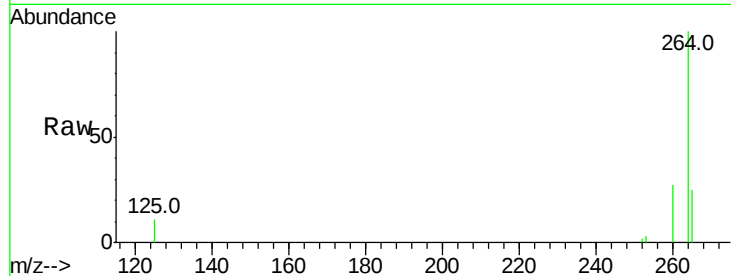
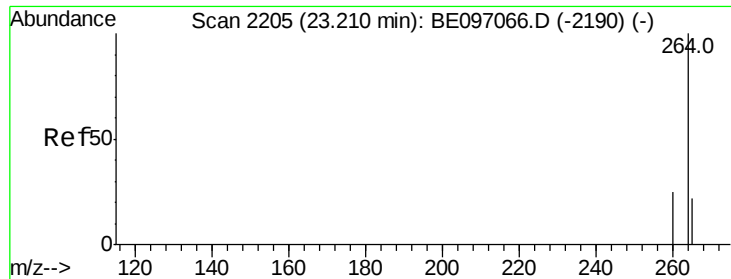
Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.9 0.7 1.1





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Instrument :
BNA_E
ClientSampleId :
RE109D2-071618

Tot Ion:	264	Resp:	13598
Ion Ratio	Lower	Upper	
264	100		
260	26.8	20.5	30.7
265	24.9	22.8	34.2

