

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097928.D
 Acq On : 17 Oct 2018 2:14
 Operator : SJ/JU
 Sample : J5317-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D1-20181004

Quant Time: Oct 17 08:27:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1885	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8264	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5678	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	18114	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	25334	0.40	ng	-0.01
34) Perylene-d12	24.03	264	20185	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1096	0.18	ng	0.00
5) Phenol-d6	7.05	99	986	0.11	ng	-0.01
8) Nitrobenzene-d5	9.04	82	2960	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5364	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1327	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	9977	0.43	ng	0.00
25) Fluoranthene-d10	19.33	212	110033	0.45	ng	0.00
29) Terphenyl-d14	19.92	244	34897	0.60	ng	0.00

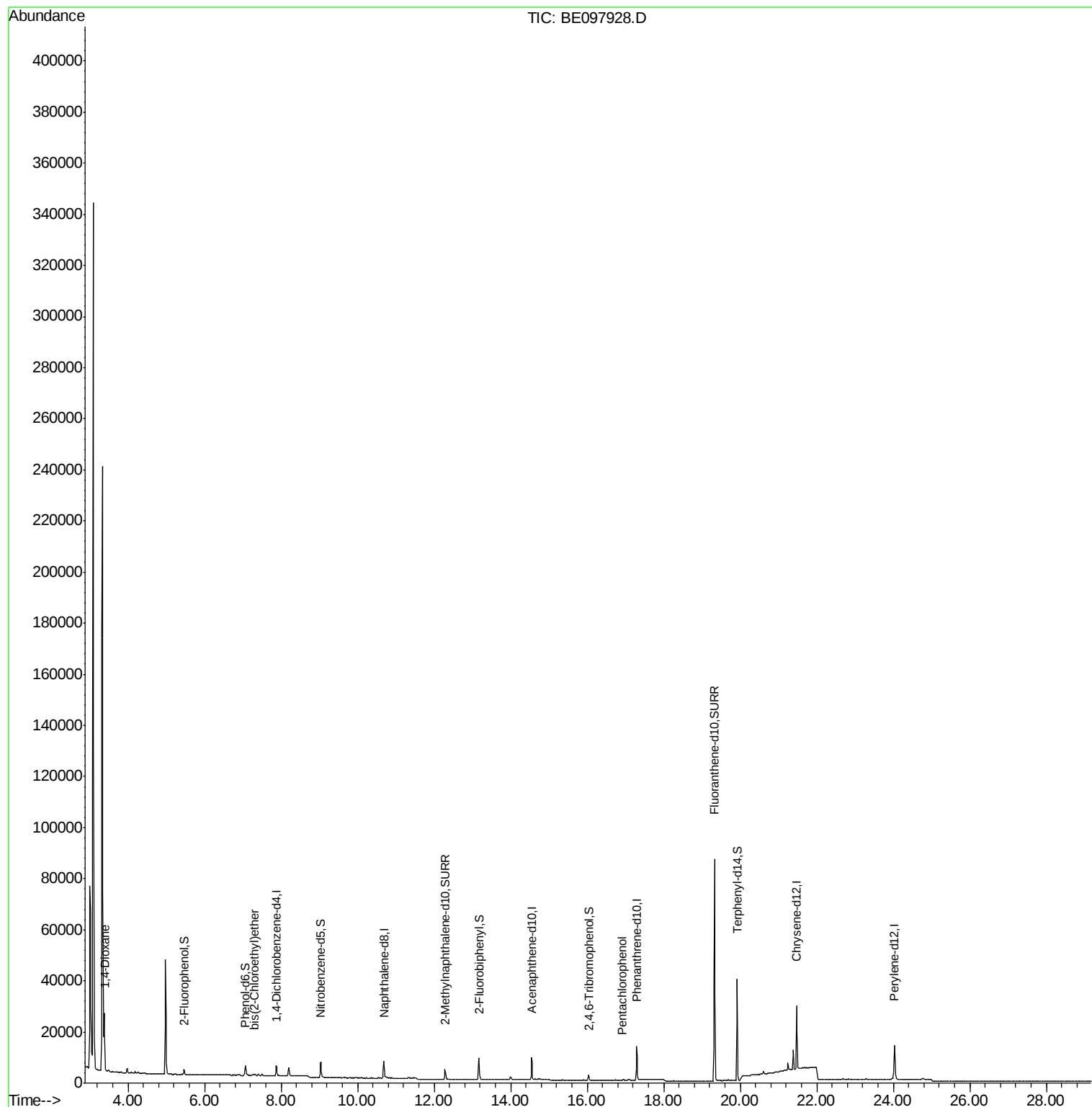
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	11741	3.572	ng	94
6) bis(2-Chloroethyl)ether	7.30	93	189	0.025	ng	# 90
22) Pentachlorophenol	16.92	266	9	0.034	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.39	149	10155	Below Cal		# 100
33) Indeno(1,2,3-cd)pyrene	26.72	276	7	Below Cal		# 16

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

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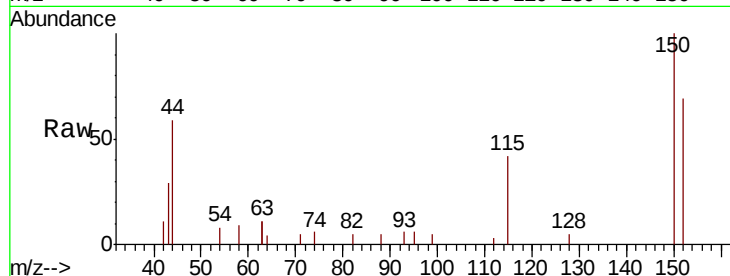


#1

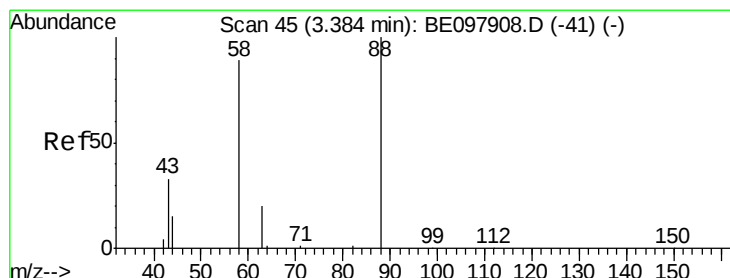
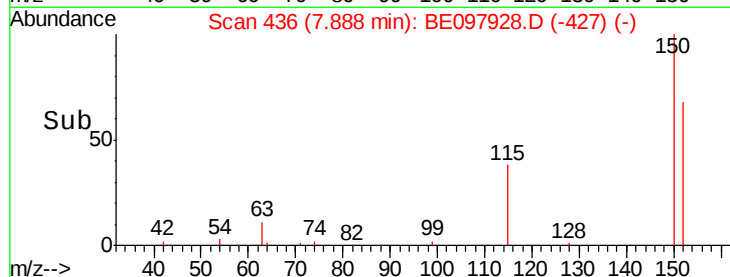
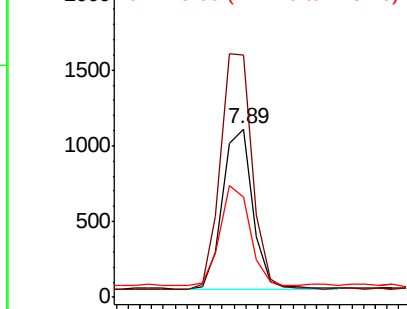
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004

Tgt Ion:152 Resp: 1885
Ion Ratio Lower Upper
152 100
150 144.4 118.2 177.4
115 60.0 50.9 76.3



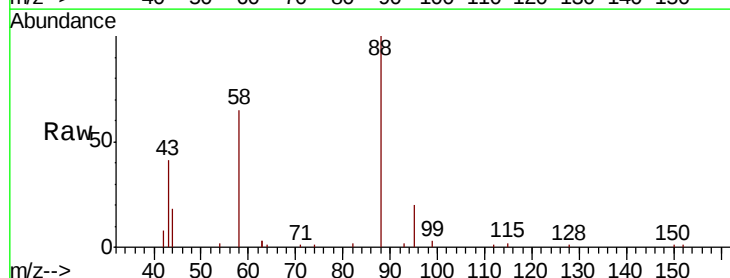
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



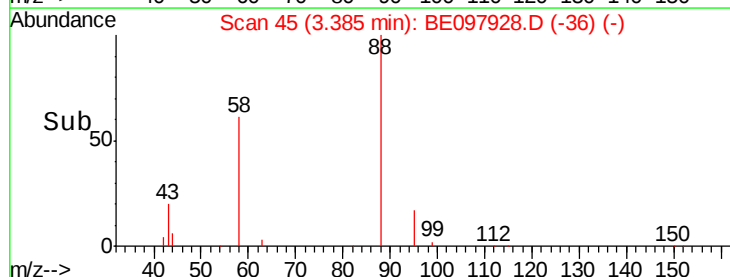
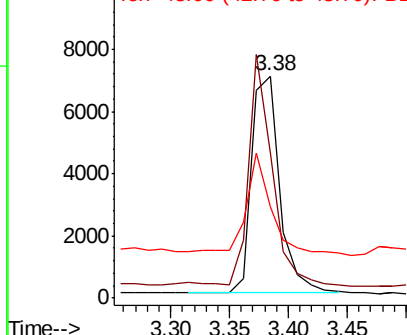
#2

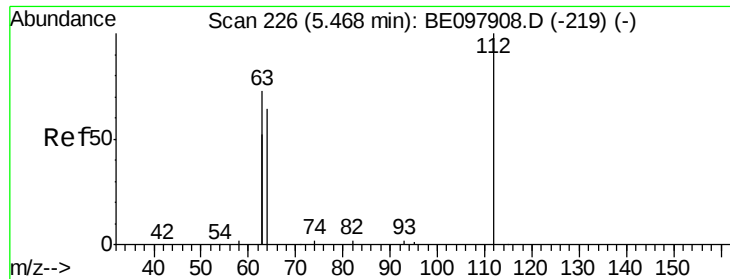
1,4-Dioxane
Concen: 3.572 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097928.D
Acq: 17 Oct 2018 2:14

Tgt Ion: 88 Resp: 11741
Ion Ratio Lower Upper
88 100
58 87.3 73.2 109.8
43 40.1 36.9 55.3



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





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004

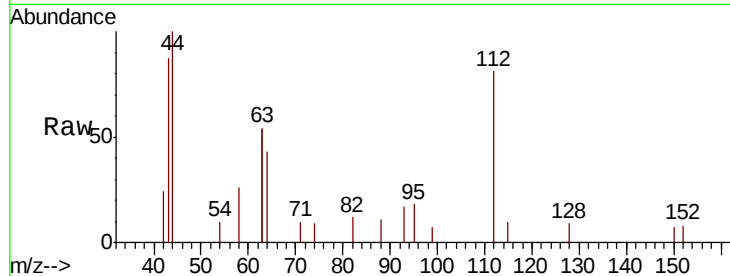
Tgt Ion: 112 Resp: 1096

Ion Ratio Lower Upper

112 100

64 71.9 58.9 88.3

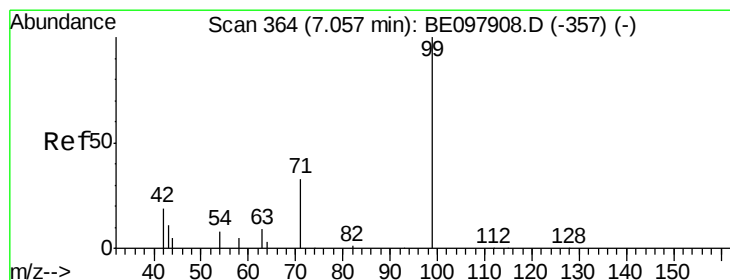
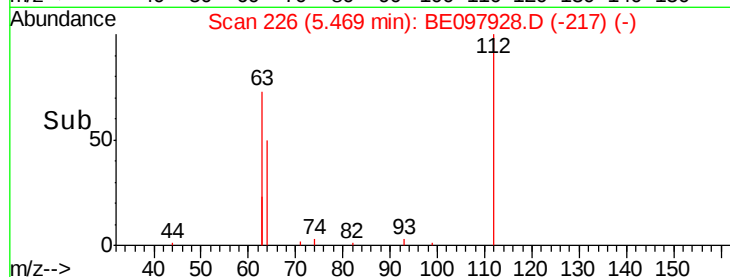
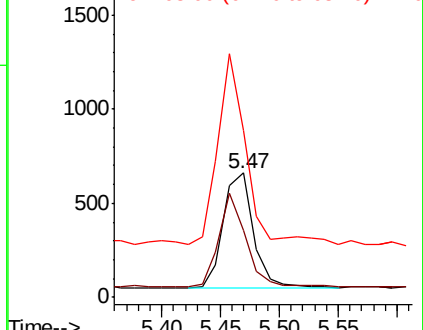
63 145.2 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.112 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

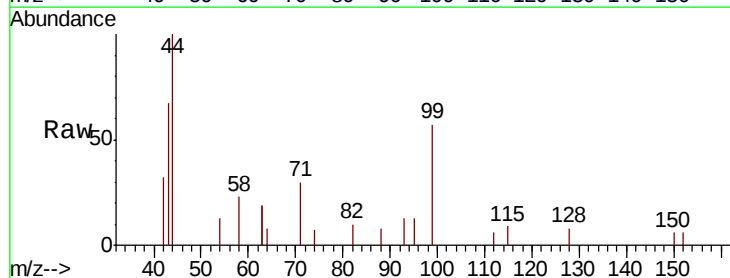
Tgt Ion: 99 Resp: 986

Ion Ratio Lower Upper

99 100

42 47.7 19.9 29.9#

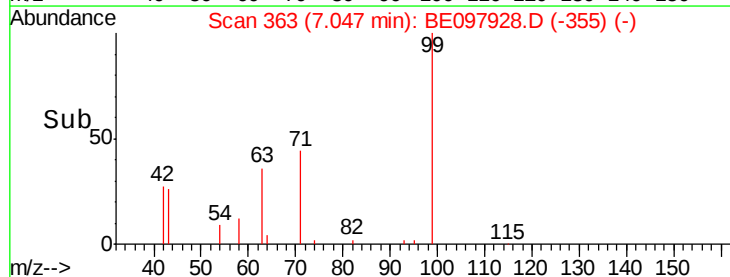
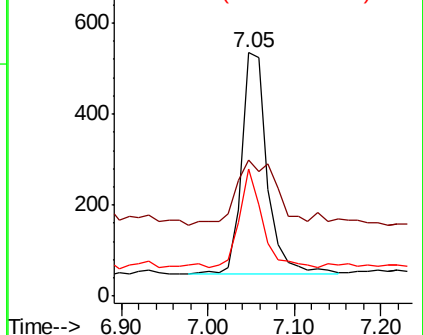
71 41.1 27.8 41.8

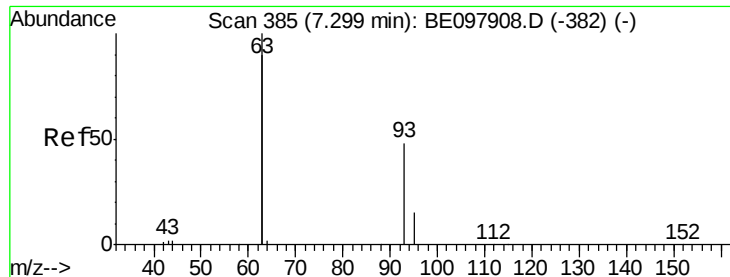


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004

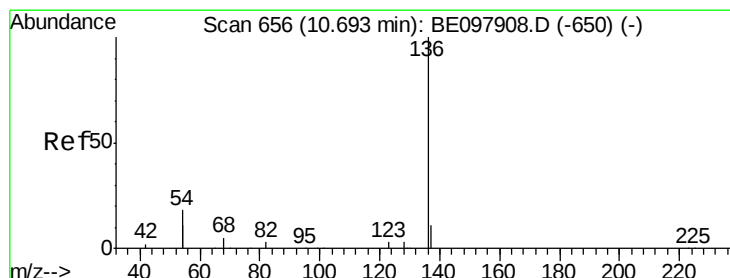
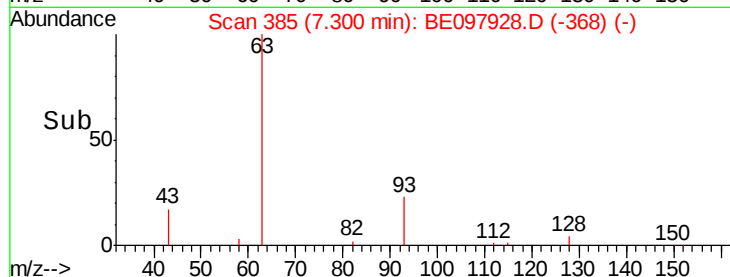
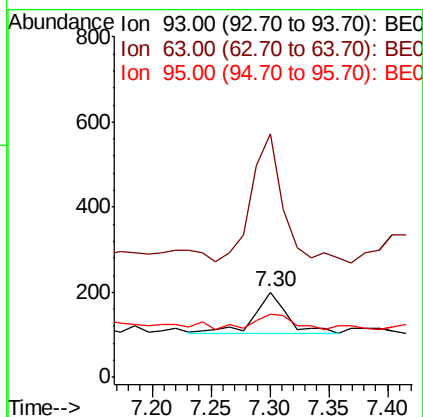
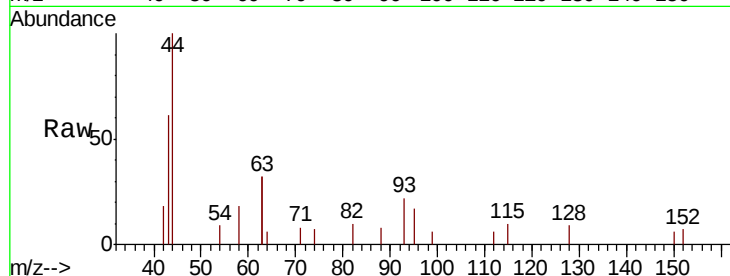
Tgt Ion: 93 Resp: 189

Ion Ratio Lower Upper

93 100

63 307.4 259.0 388.4

95 49.7 27.8 41.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

Tgt Ion: 136 Resp: 8264

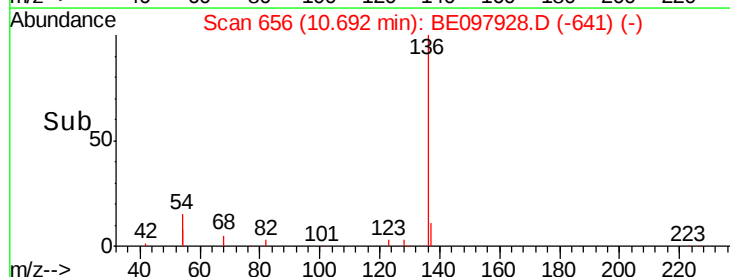
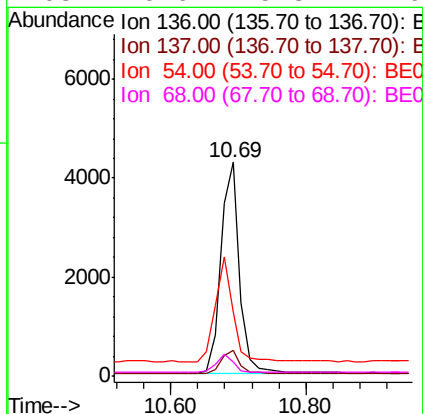
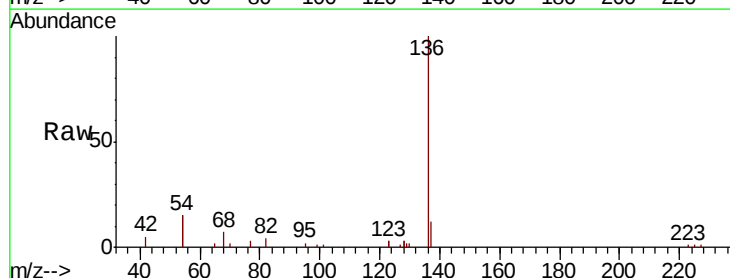
Ion Ratio Lower Upper

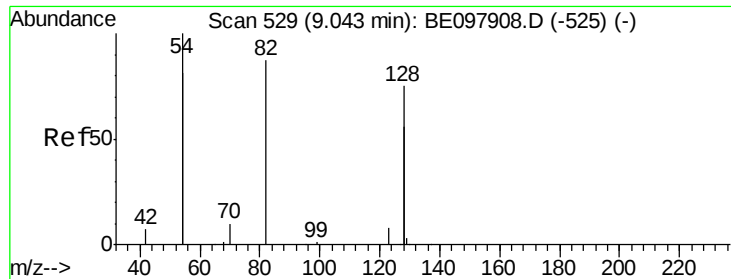
136 100

137 12.0 9.6 14.4

54 30.1 27.7 41.5

68 6.6 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004

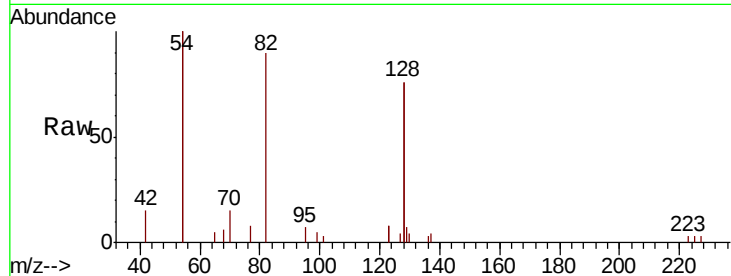
Tgt Ion: 82 Resp: 2960

Ion Ratio Lower Upper

82 100

128 169.3 129.9 194.9

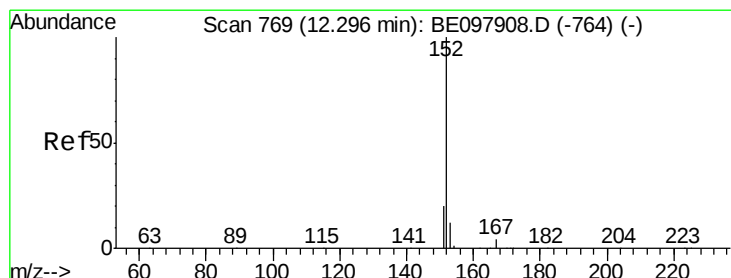
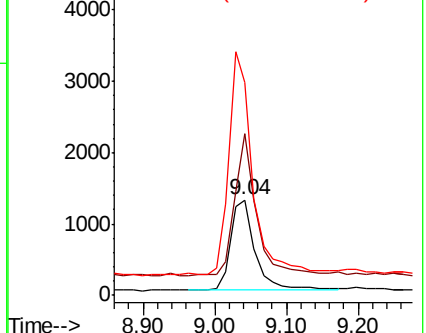
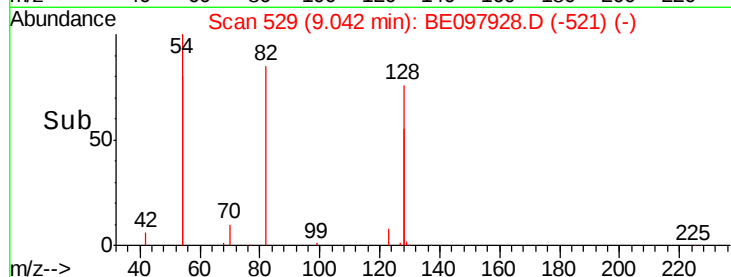
54 222.9 174.0 261.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097928.D

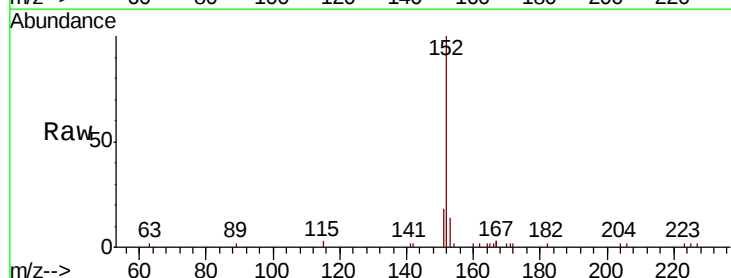
Acq: 17 Oct 2018 2:14

Tgt Ion: 152 Resp: 5364

Ion Ratio Lower Upper

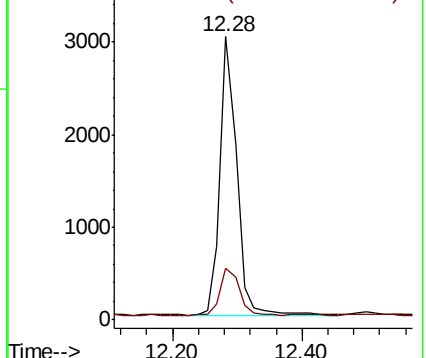
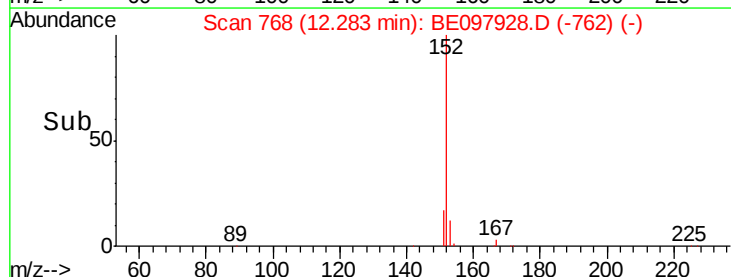
152 100

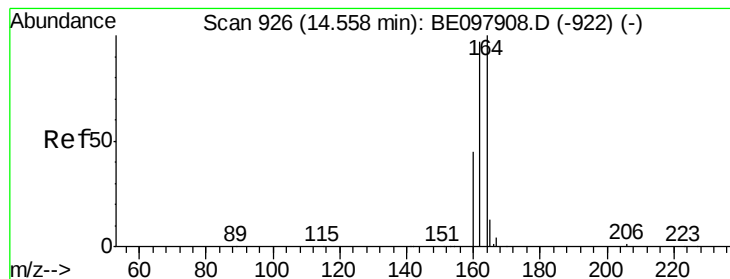
151 18.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

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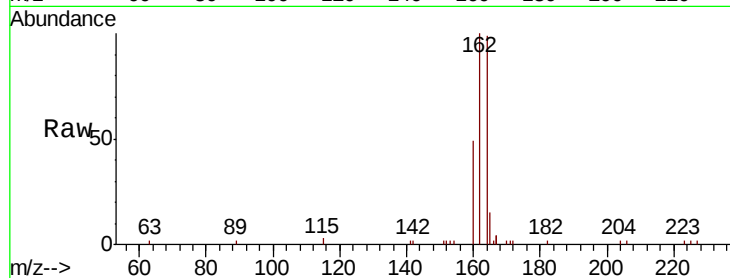
Tgt Ion:164 Resp: 5678

Ion Ratio Lower Upper

164 100

162 101.2 77.4 116.2

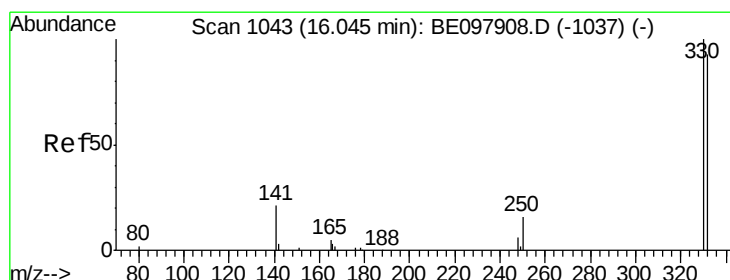
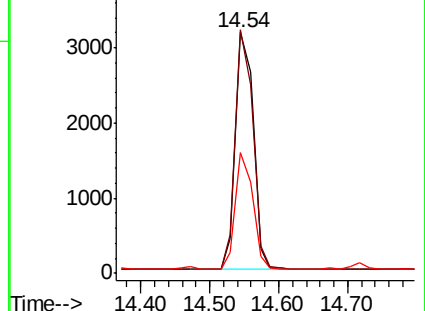
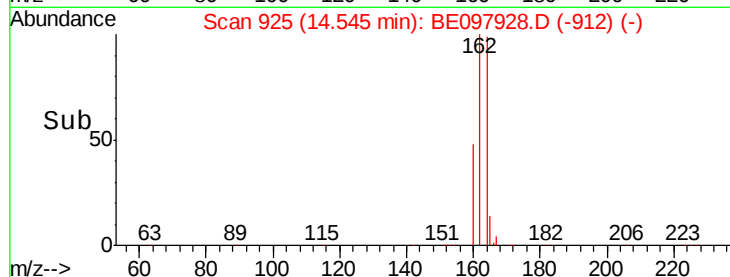
160 50.0 36.5 54.7



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: 0.435 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

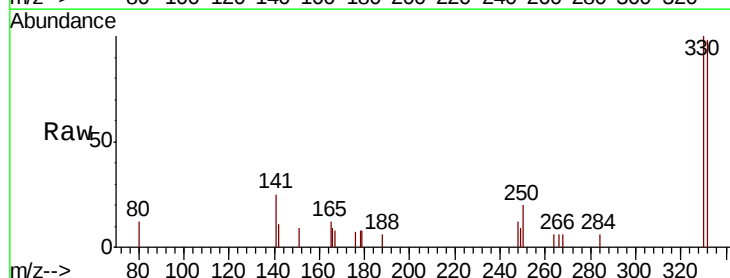
Tgt Ion:330 Resp: 1327

Ion Ratio Lower Upper

330 100

332 97.4 76.5 114.7

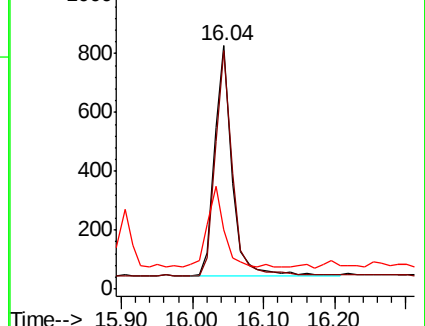
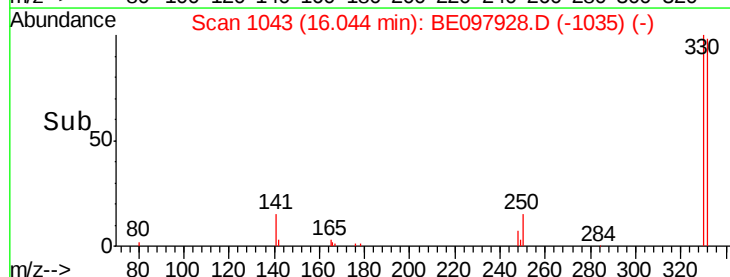
141 32.2 31.8 47.6

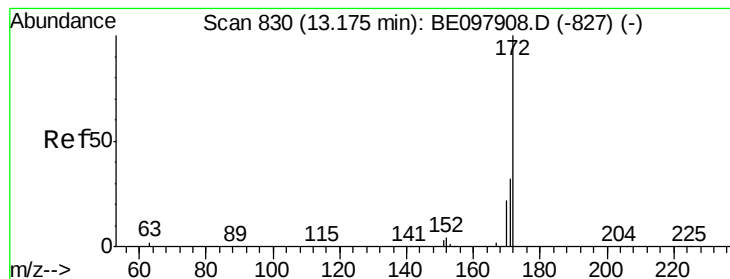


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.430 ng

RT: 13.18 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE097928.D

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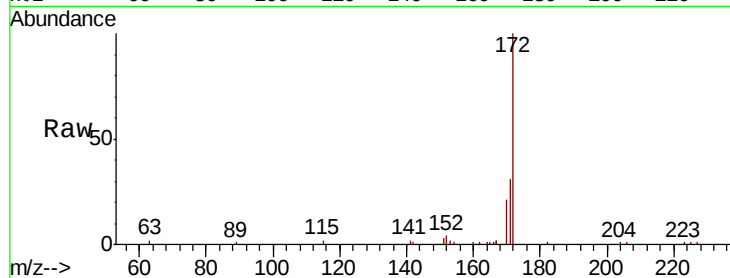
Tgt Ion:172 Resp: 9977

Ion Ratio Lower Upper

172 100

171 31.2 26.0 39.0

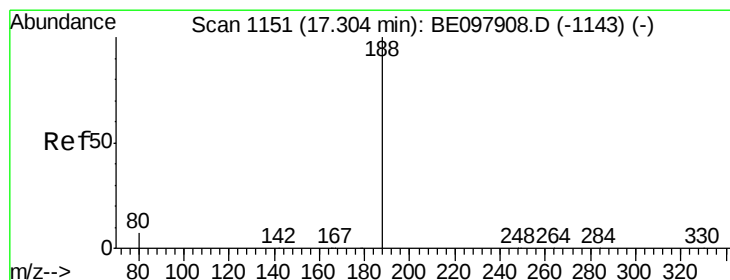
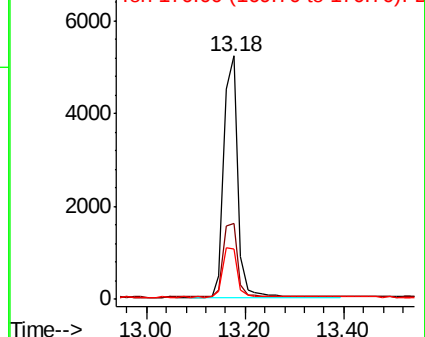
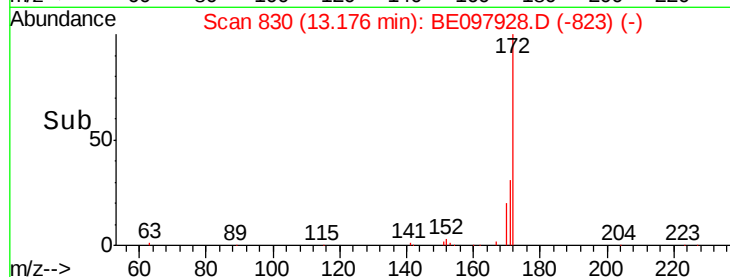
170 20.9 18.0 27.0



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

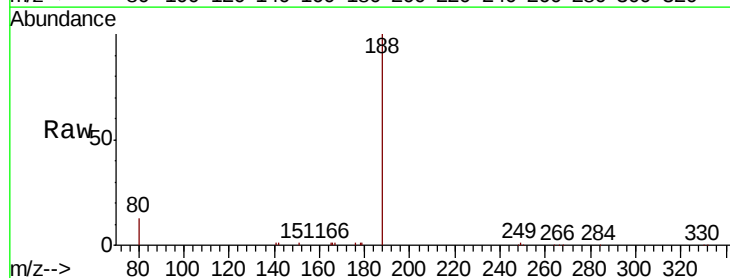
Tgt Ion:188 Resp: 18114

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

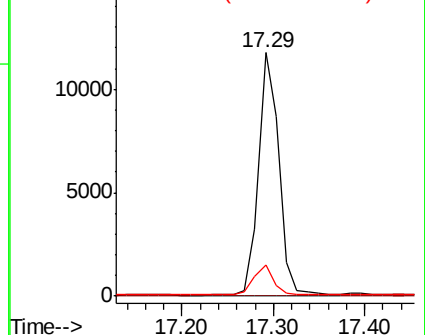
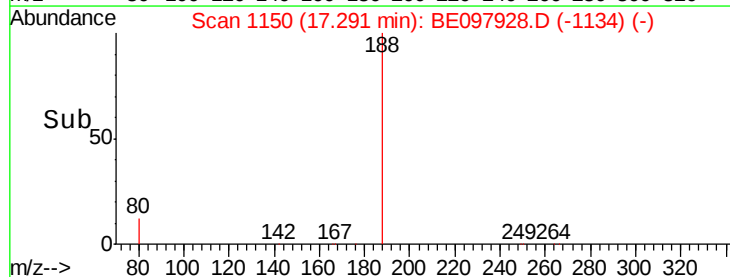
80 12.8 6.3 9.5#

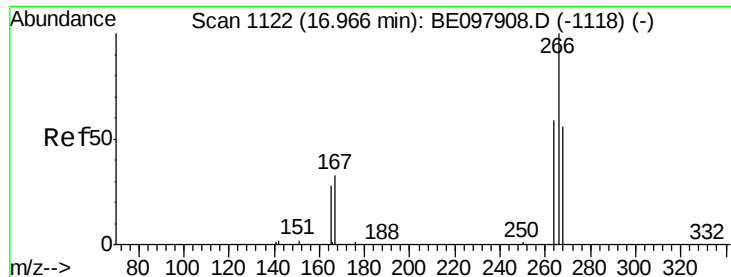


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.034 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.05 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

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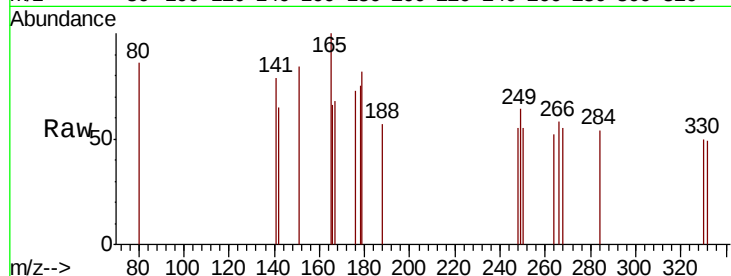
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

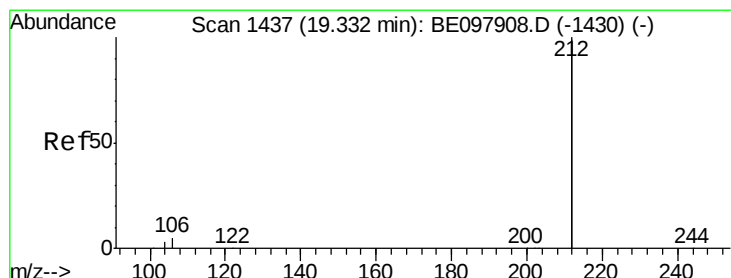
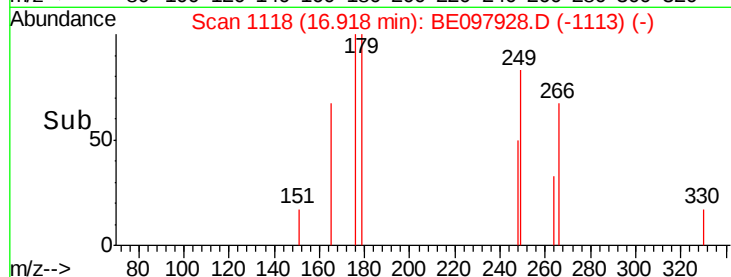
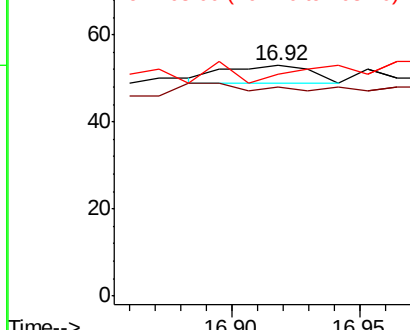
266 100

264 90.6 51.3 76.9#

268 96.2 50.1 75.1#



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: 0.448 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

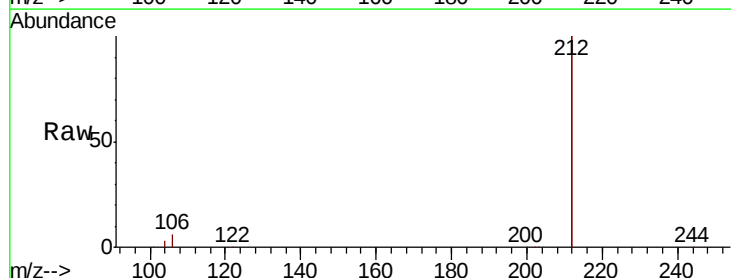
Tgt Ion:212 Resp: 110033

Ion Ratio Lower Upper

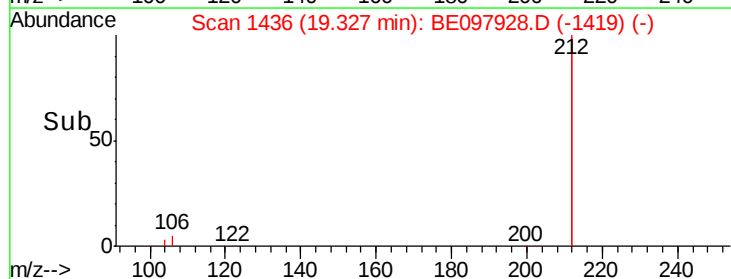
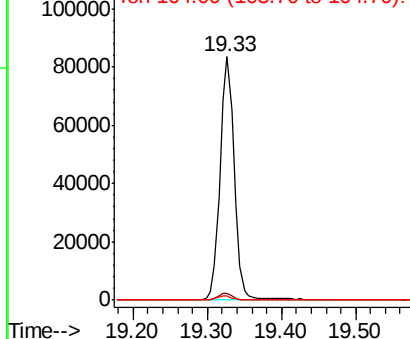
212 100

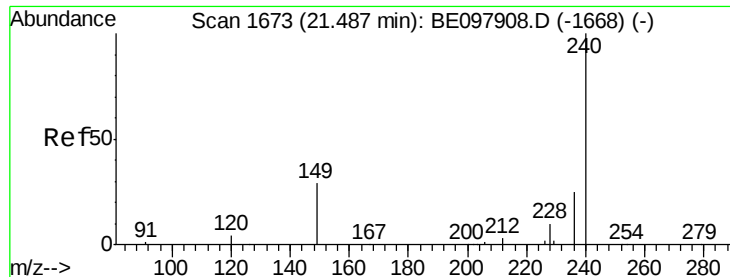
106 2.9 2.3 3.5

104 1.6 1.3 1.9



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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004

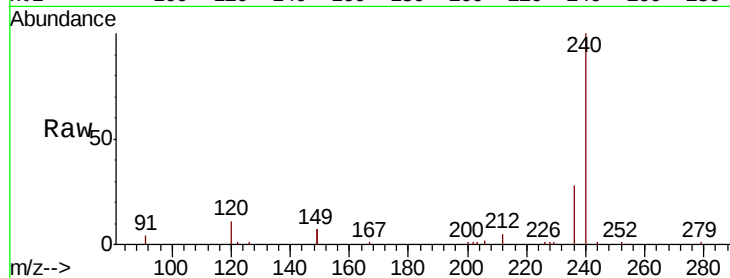
Tgt Ion:240 Resp: 25334

Ion Ratio Lower Upper

240 100

120 11.2 7.1 10.7#

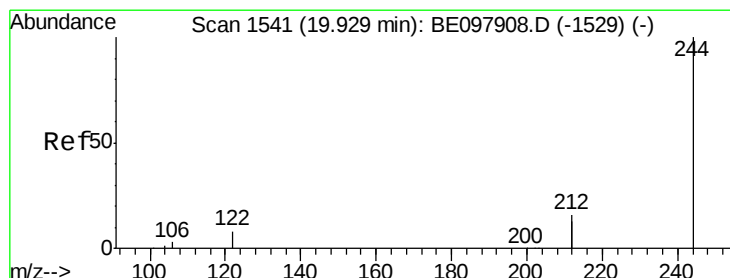
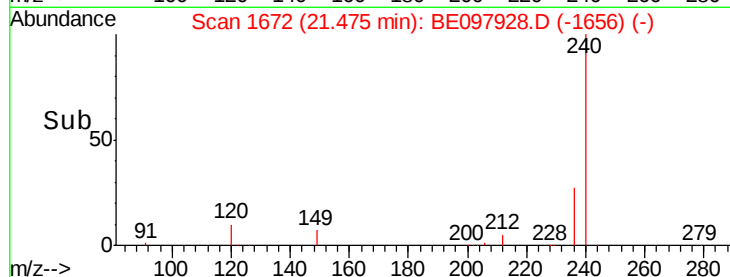
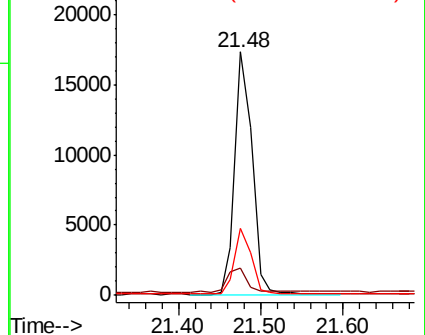
236 27.5 21.3 31.9



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: 0.601 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

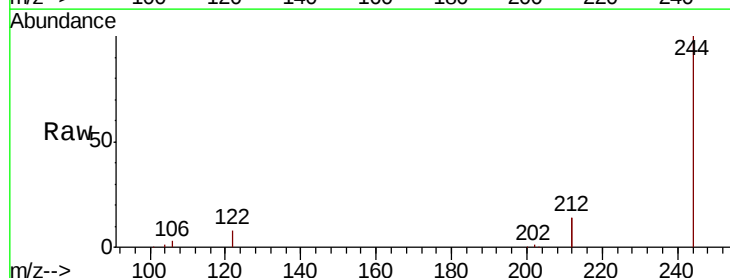
Tgt Ion:244 Resp: 34897

Ion Ratio Lower Upper

244 100

212 28.6 26.2 39.2

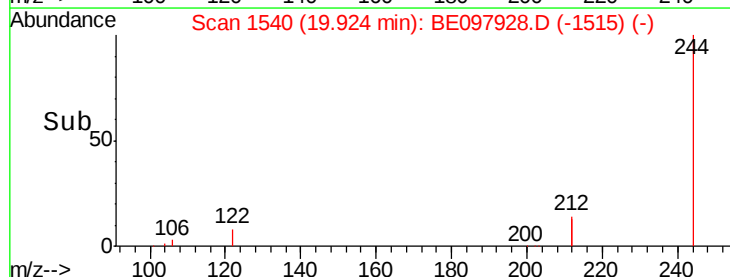
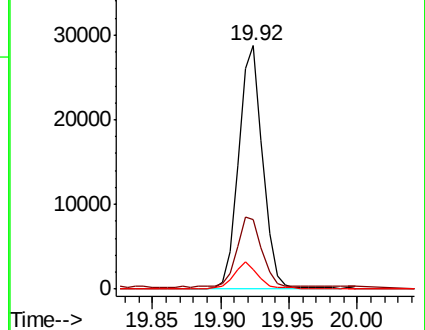
122 8.2 7.7 11.5

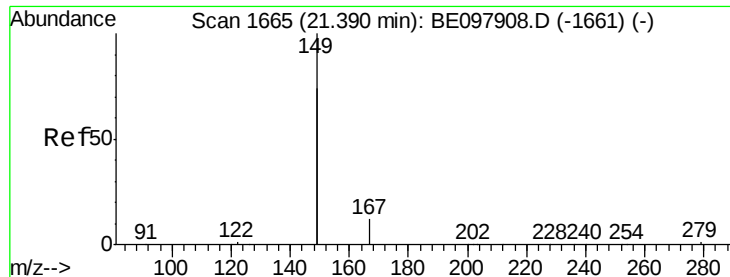


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004

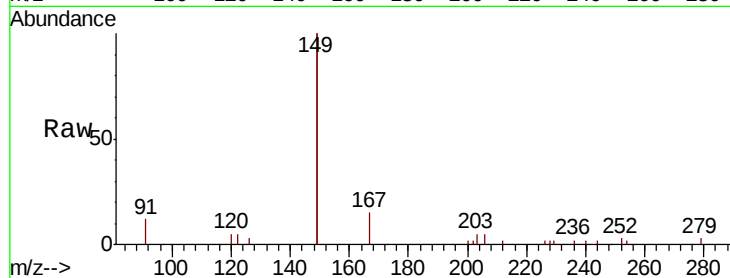
Tgt Ion:149 Resp: 10155

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

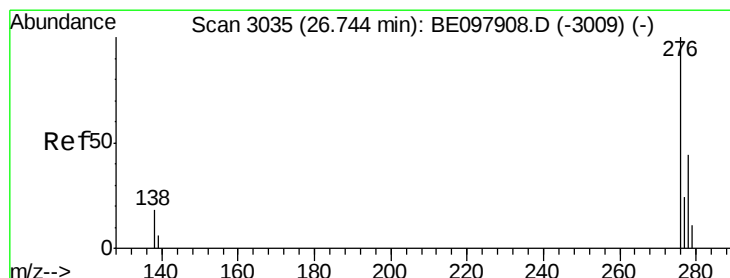
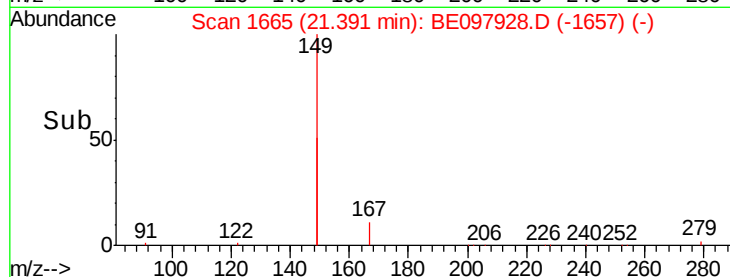
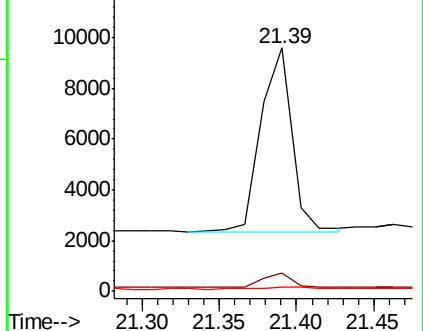
279 1.6 0.9 1.3#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 26.72 min Scan# 3029

Delta R.T. -0.02 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

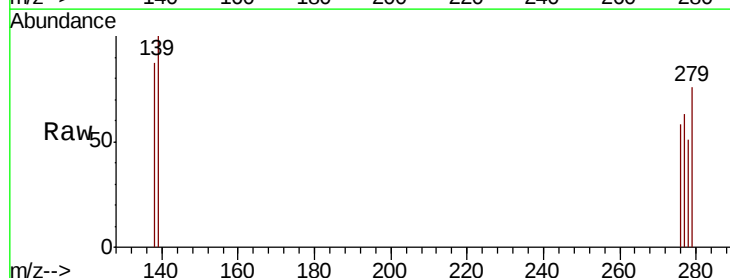
Tgt Ion:276 Resp: 7

Ion Ratio Lower Upper

276 100

138 57.1 17.0 25.6#

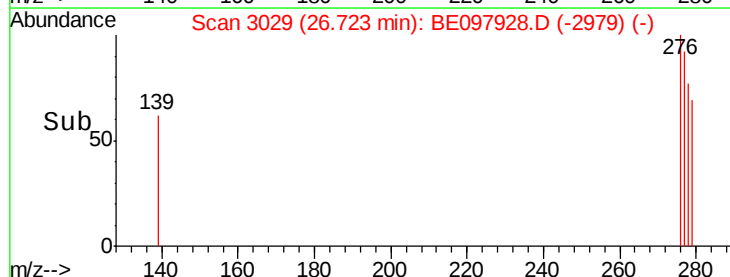
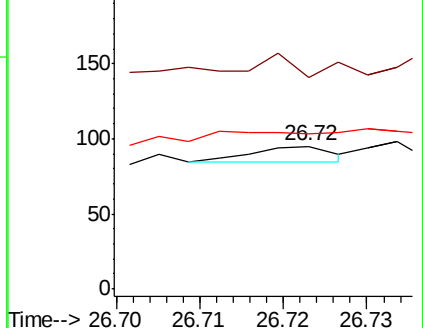
277 71.4 20.5 30.7#

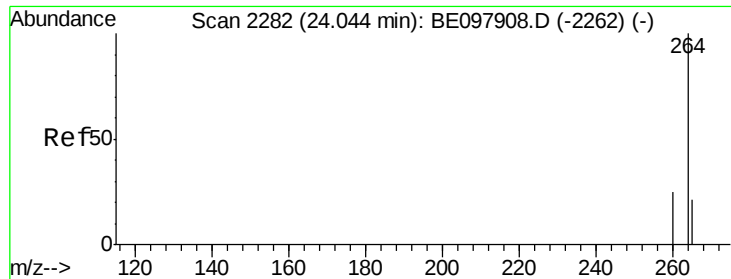


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097928.D

Acq: 17 Oct 2018 2:14

Instrument :

BNA_E

ClientSampleId :

RE-122D1-20181004

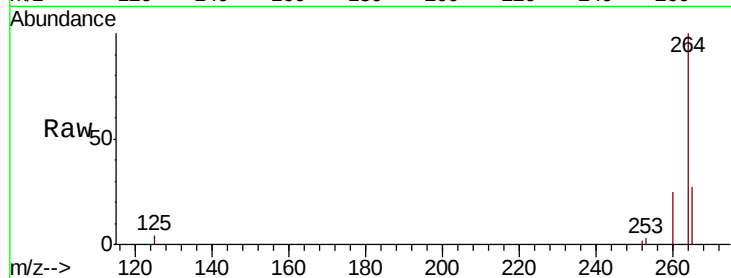
Tgt Ion:264 Resp: 20185

Ion Ratio Lower Upper

264 100

260 25.0 21.1 31.7

265 27.2 29.2 43.8#



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

