

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097982.D
 Acq On : 18 Oct 2018 18:00
 Operator : SJ/JU
 Sample : J5364-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:08:49 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	7.88	152	2398	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	11624	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8550	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	22017	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	25033	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24509	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1039	0.14	ng	0.00
5) Phenol-d6	7.05	99	1075	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	3727	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7120	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	866	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	10991	0.31	ng	-0.01
25) Fluoranthene-d10	19.33	212	99621	0.33	ng	0.00
29) Terphenyl-d14	19.92	244	26951	0.47	ng	0.00

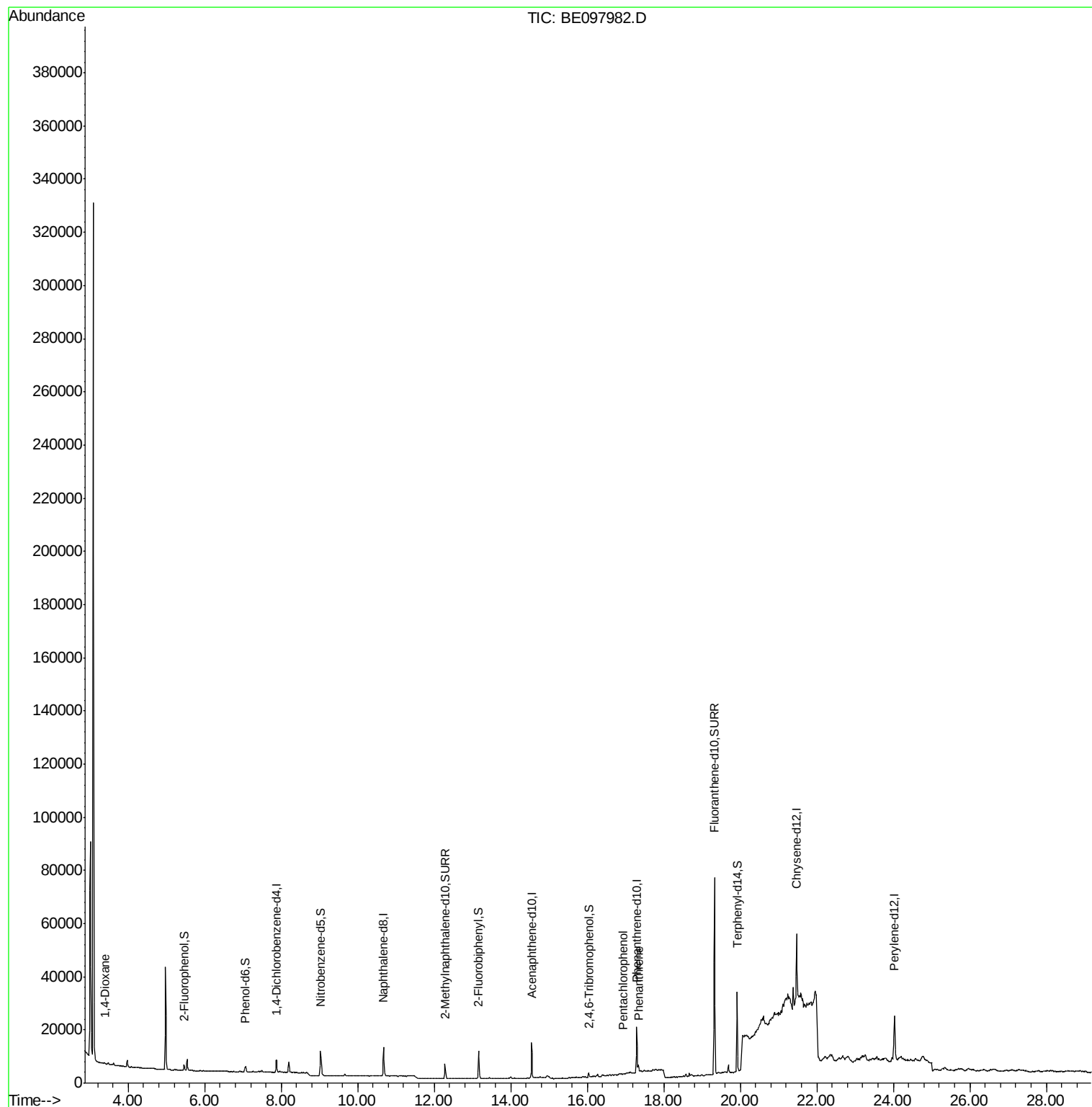
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	301	0.072	ng	# 1
22) Pentachlorophenol	16.94	266	80	0.058	ng	# 65
23) Phenanthrene	17.34	178	3269	0.058	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.38	149	13053	Below Cal		# 95
33) Indeno(1,2,3-cd)pyrene	26.73	276	26	Below Cal		# 1

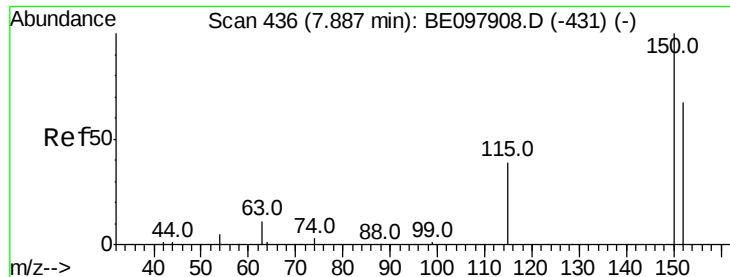
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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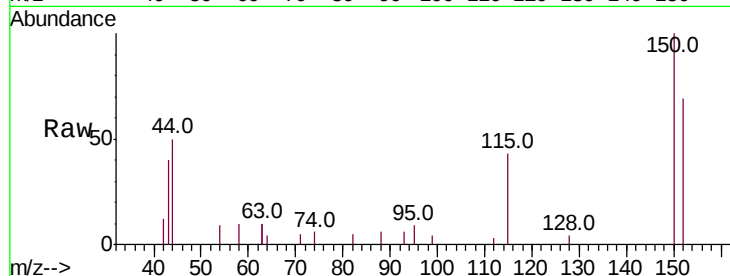


#1

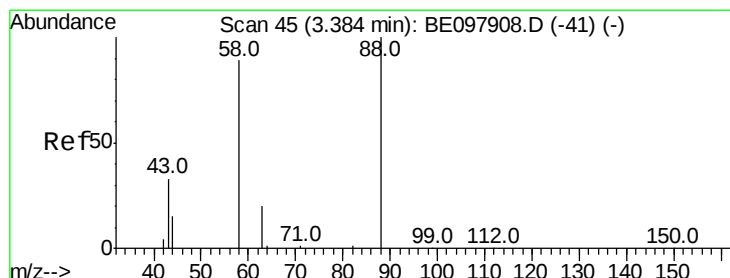
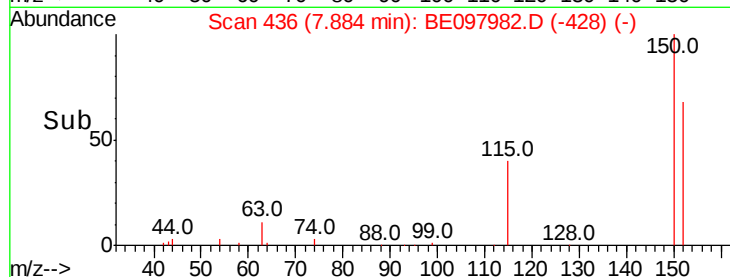
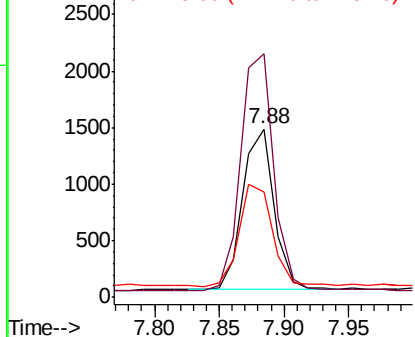
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097982.D
Acq: 18 Oct 2018 18:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2398
Ion Ratio Lower Upper
152 100
150 144.3 118.2 177.4
115 62.7 50.9 76.3



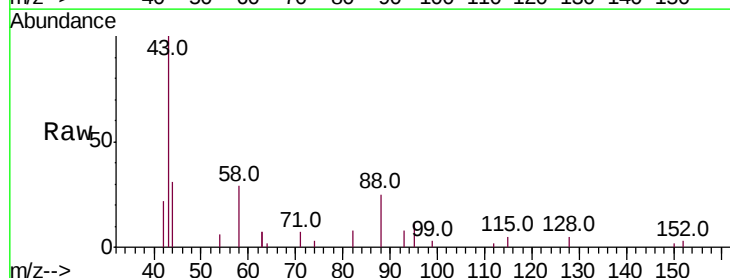
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



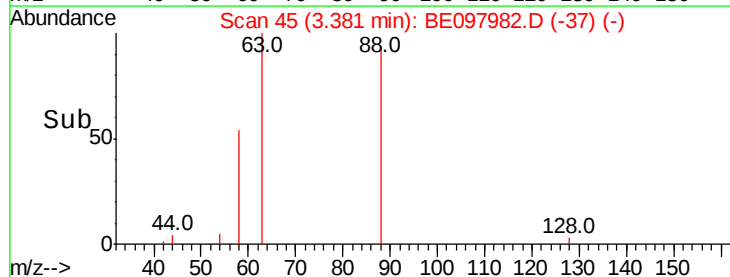
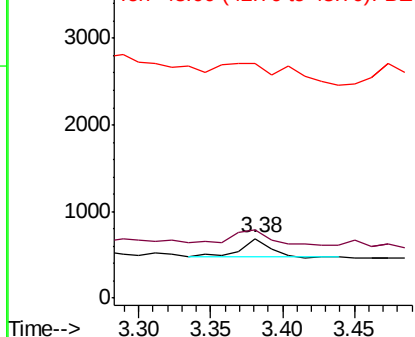
#2

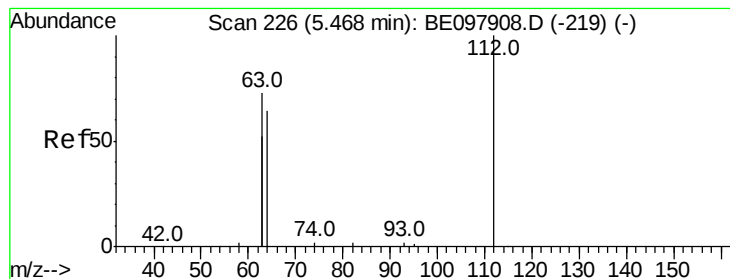
1,4-Dioxane
Concen: 0.072 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097982.D
Acq: 18 Oct 2018 18:00

Tgt Ion: 88 Resp: 301
Ion Ratio Lower Upper
88 100
58 125.9 73.2 109.8#
43 275.7 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: 0.137 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

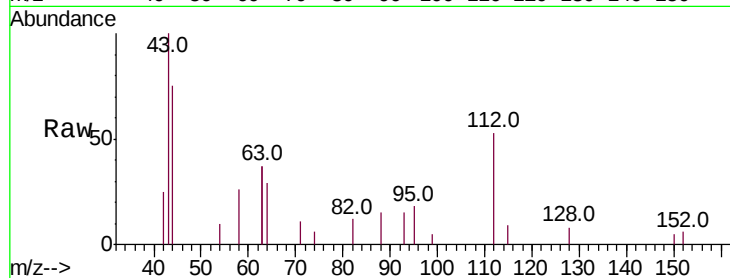
Tot Ion:112 Resp: 1039

Ion Ratio Lower Upper

112 100

64 71.0 58.9 88.3

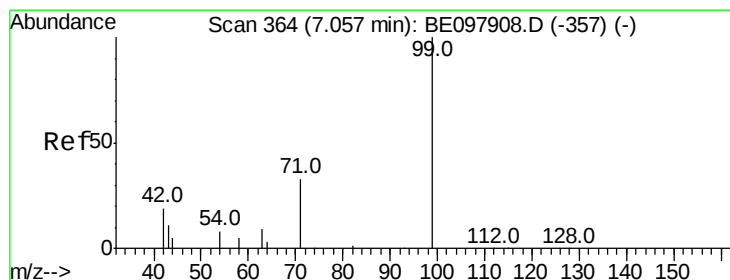
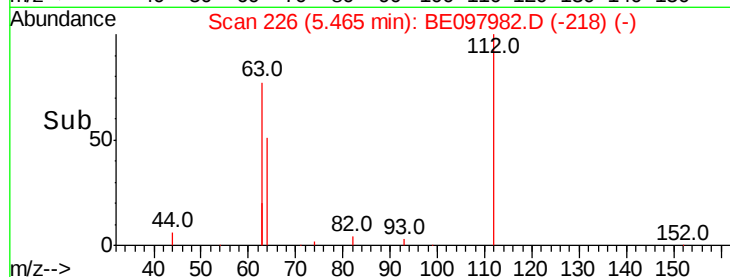
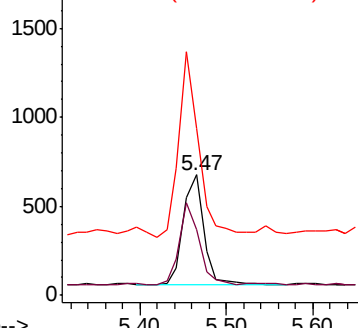
63 160.4 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): BE097982.D (-219) (-)

Ion 64.00 (63.70 to 64.70): BE097982.D (-219) (-)

Ion 63.00 (62.70 to 63.70): BE097982.D (-219) (-)



#5

Phenol-d6

Concen: 0.096 ng

RT: 7.05 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

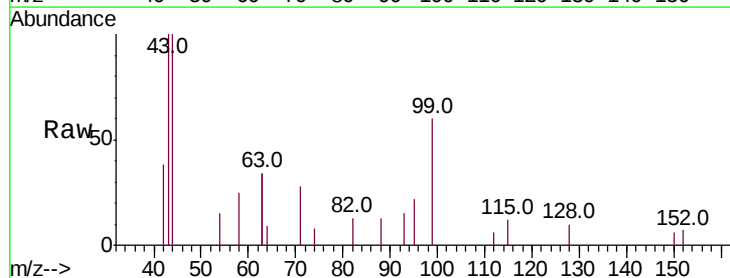
Tgt Ion: 99 Resp: 1075

Ion Ratio Lower Upper

99 100

42 39.7 19.9 29.9#

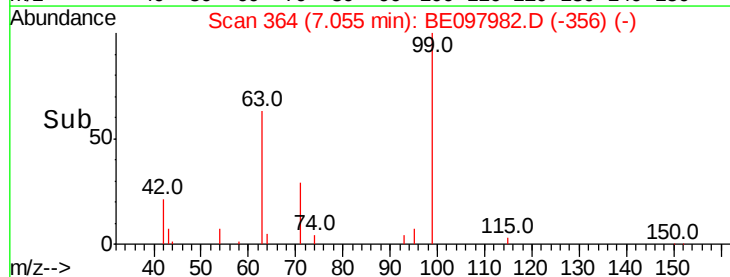
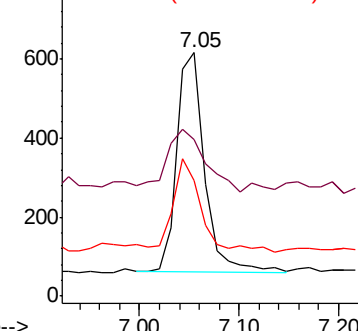
71 42.0 27.8 41.8#

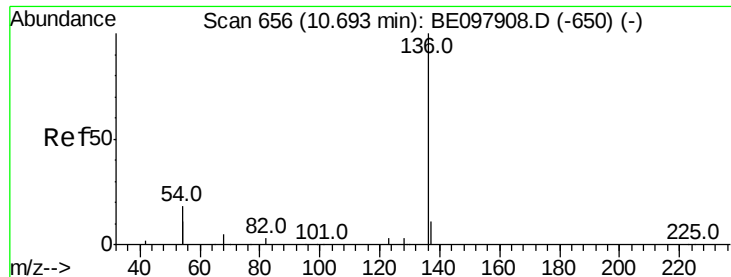


Abundance Ion 99.00 (98.70 to 99.70): BE097982.D (-357) (-)

Ion 42.00 (41.70 to 42.70): BE097982.D (-357) (-)

Ion 71.00 (70.70 to 71.70): BE097982.D (-357) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11624

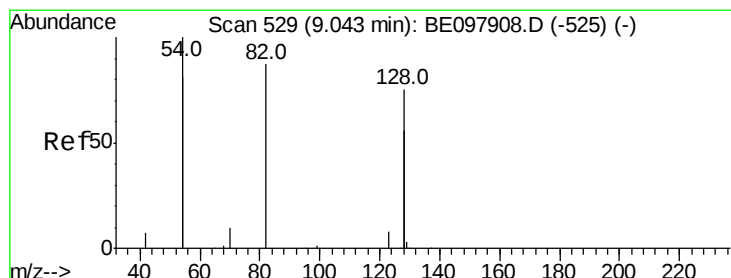
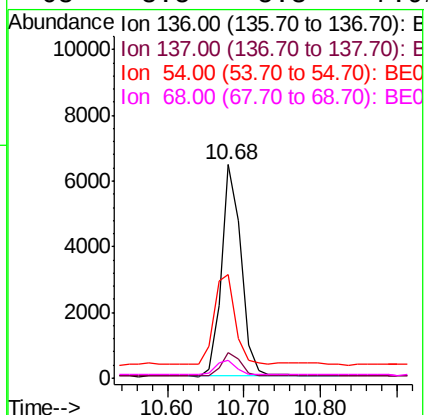
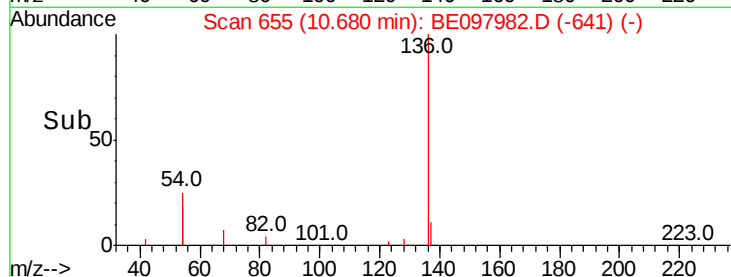
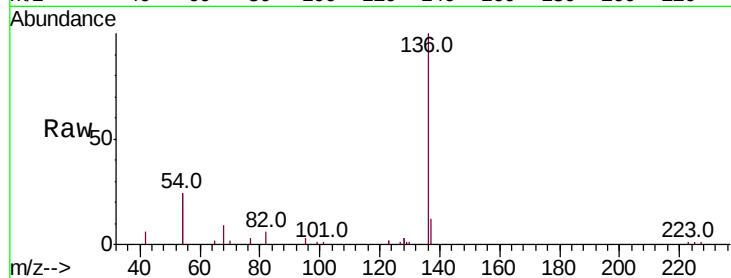
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 48.8 27.7 41.5#

68 8.5 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

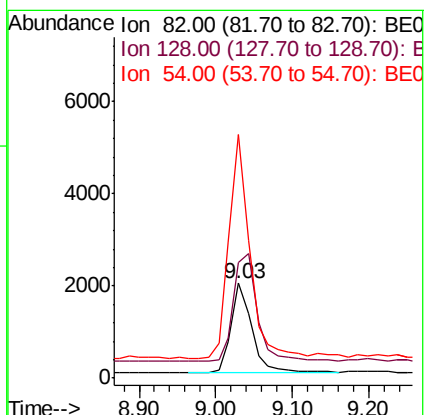
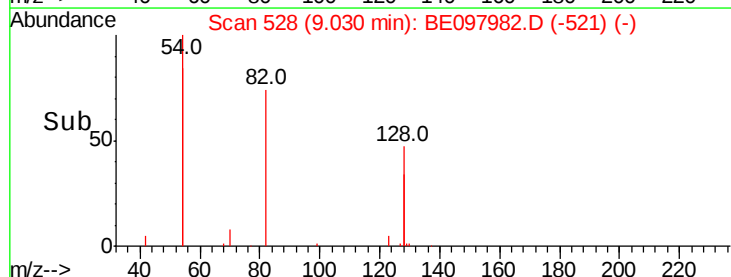
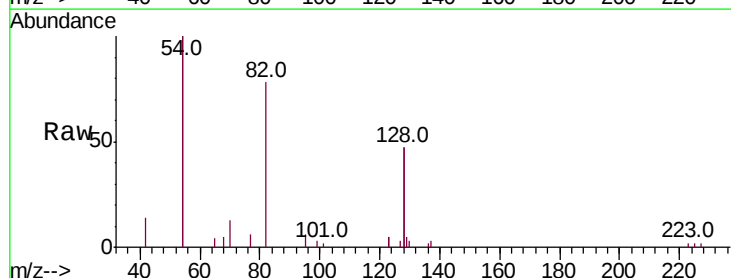
Tgt Ion: 82 Resp: 3727

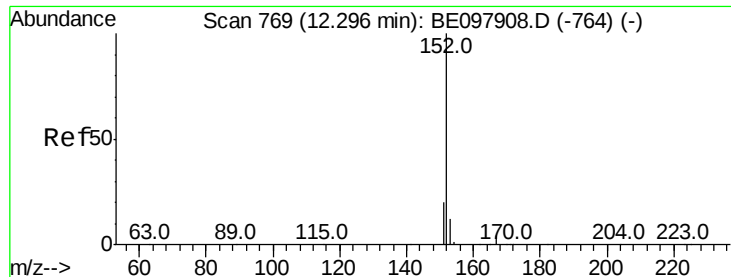
Ion Ratio Lower Upper

82 100

128 121.9 129.9 194.9#

54 257.5 174.0 261.0

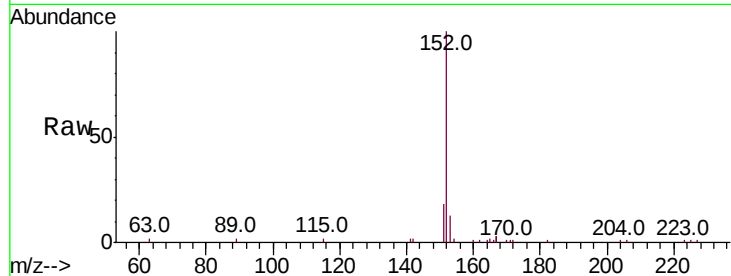




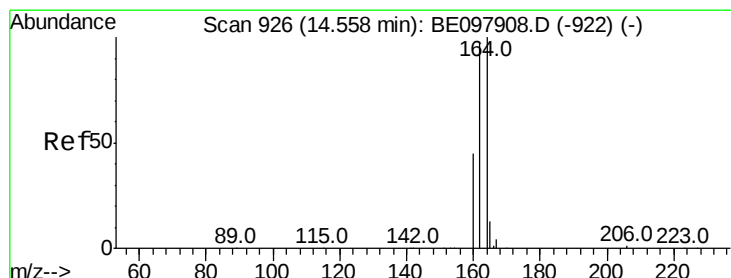
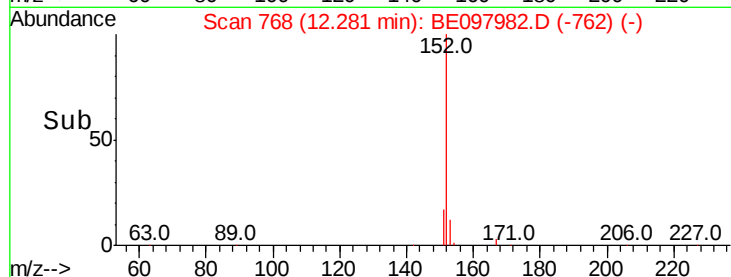
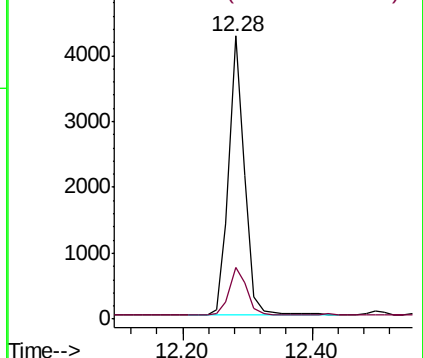
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097982.D
Acq: 18 Oct 2018 18:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 7120
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.4

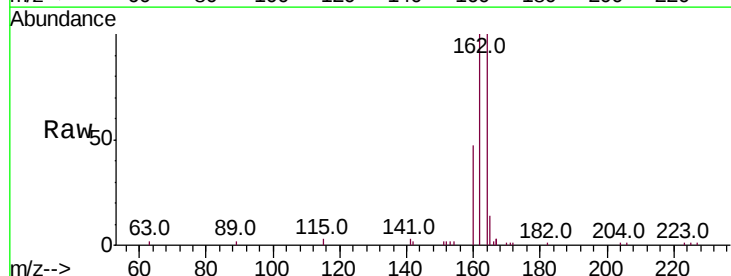


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

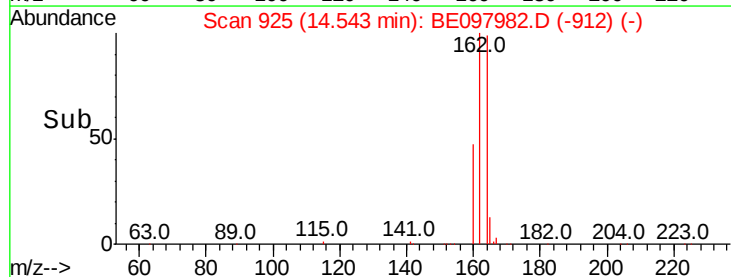
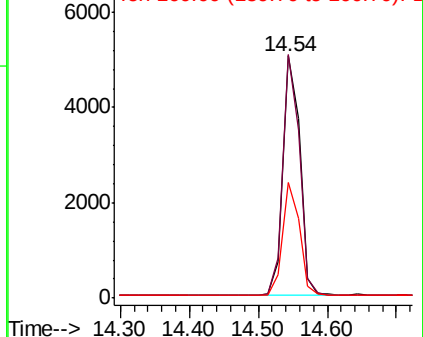


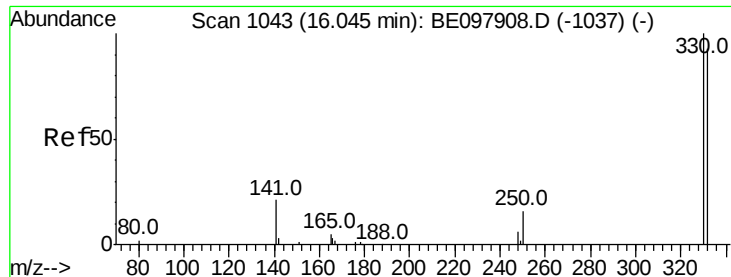
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097982.D
Acq: 18 Oct 2018 18:00

Tgt Ion:164 Resp: 8550
Ion Ratio Lower Upper
164 100
162 100.5 77.4 116.2
160 47.7 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

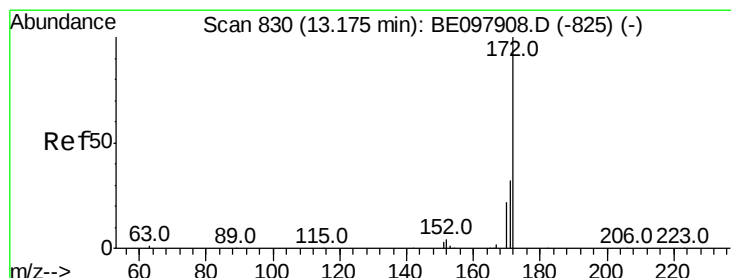
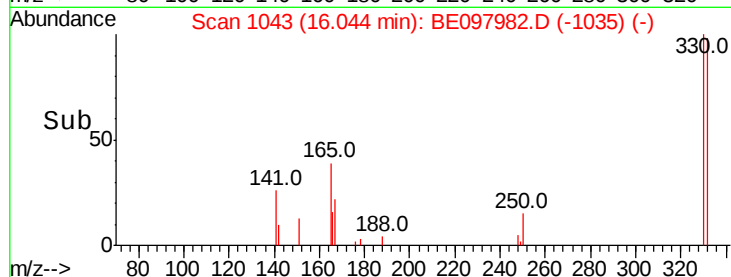
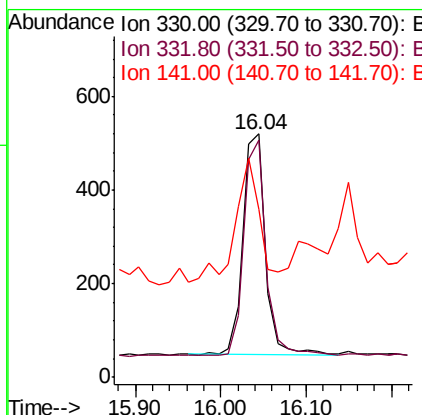
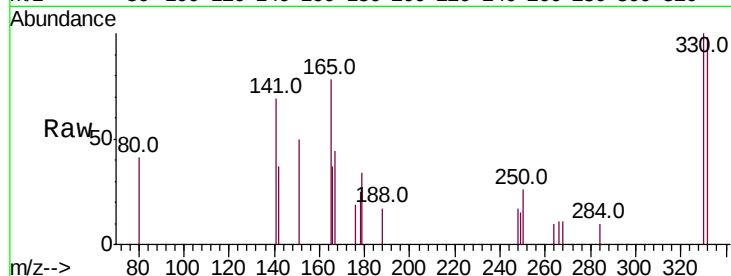




#14
 2,4,6-Tribromophenol
 Concen: 0.188 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097982.D
 Acq: 18 Oct 2018 18:00

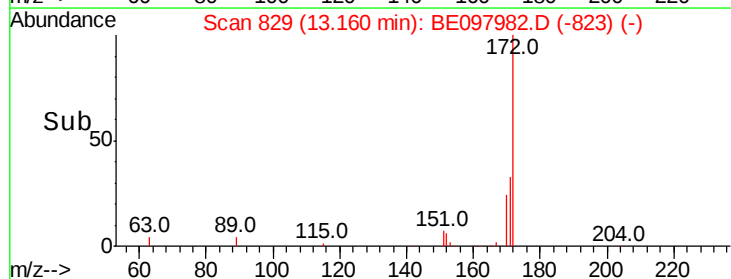
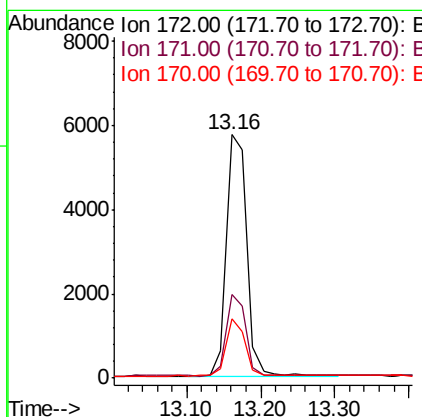
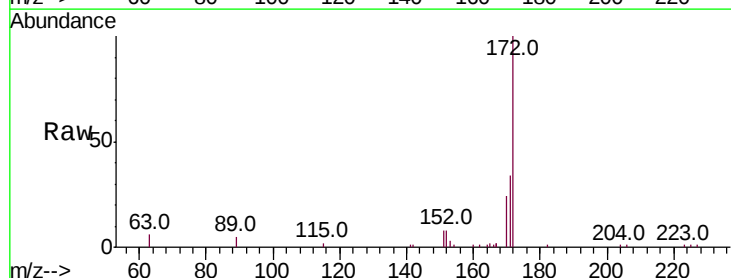
Instrument :
 BNA_E
 ClientSampleId :

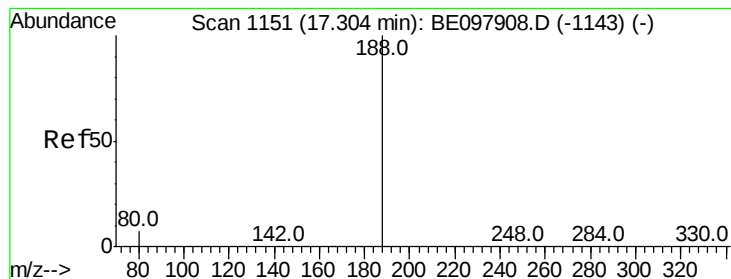
Tot Ion:330 Resp: 866
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.5 114.7
 141 59.8 31.8 47.6#



#15
 2-Fluorobiphenyl
 Concen: 0.315 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE097982.D
 Acq: 18 Oct 2018 18:00

Tgt Ion:172 Resp: 10991
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.0 39.0
 170 24.2 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

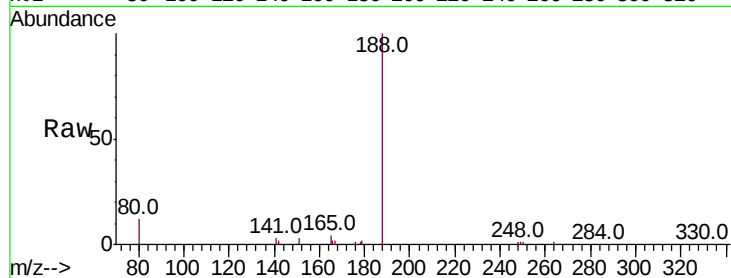
Tot Ion:188 Resp: 22017

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

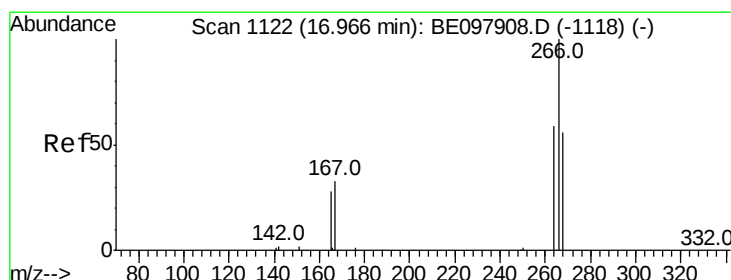
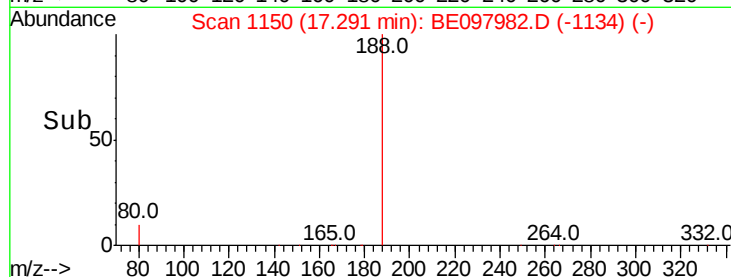
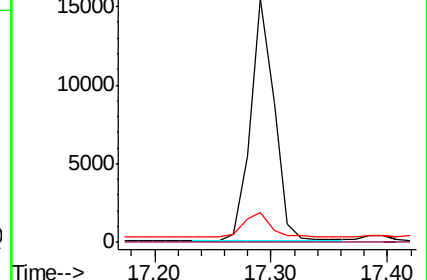
80 12.1 6.3 9.5#



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: 0.058 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

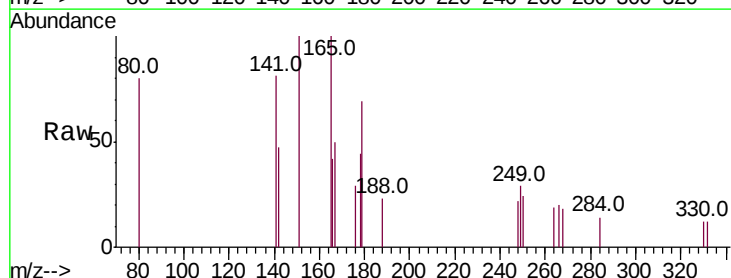
Tgt Ion:266 Resp: 80

Ion Ratio Lower Upper

266 100

264 91.7 51.3 76.9#

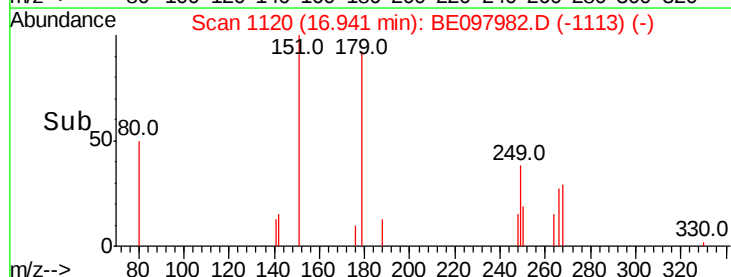
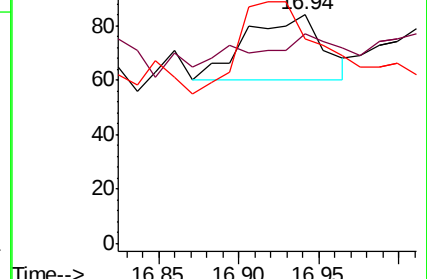
268 89.3 50.1 75.1#

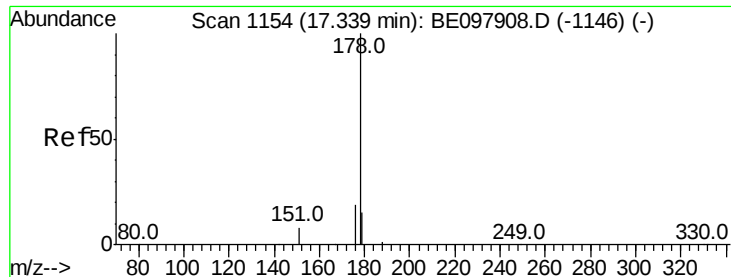


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.058 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampled :

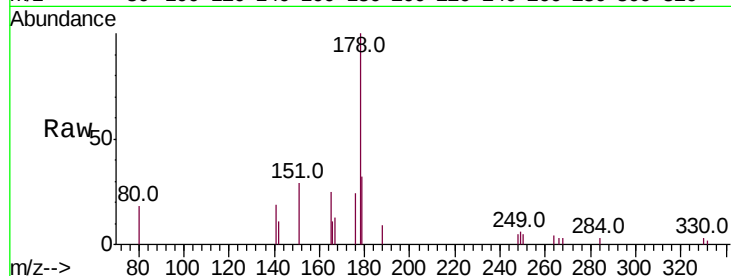
Tot Ion:178 Resp: 3269

Ion Ratio Lower Upper

178 100

176 20.4 15.5 23.3

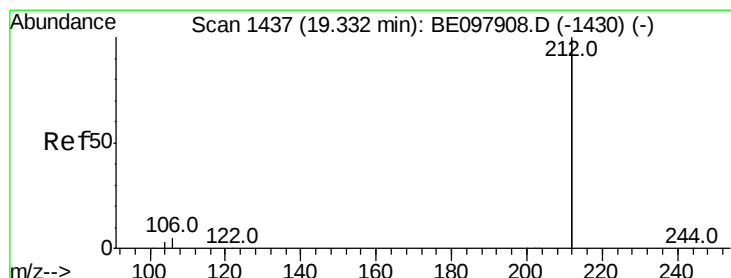
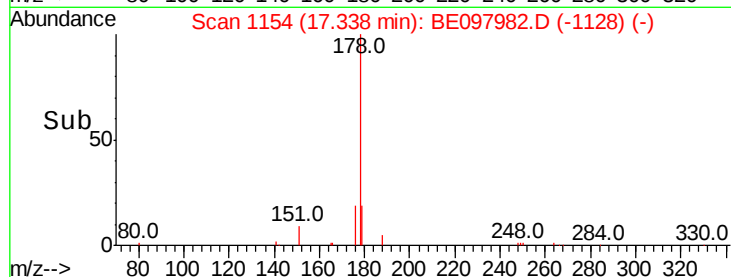
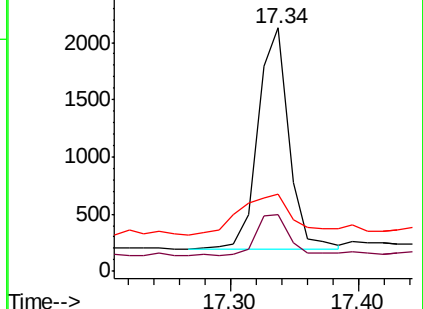
179 31.7 12.2 18.4#



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: 0.334 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

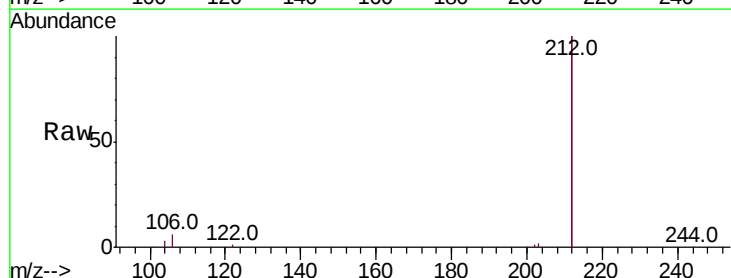
Tgt Ion:212 Resp: 99621

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

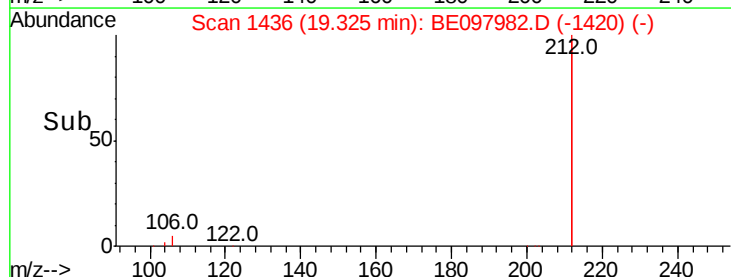
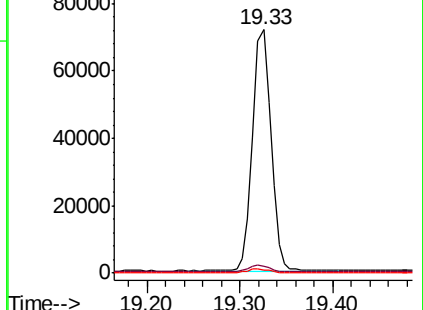
104 1.5 1.3 1.9

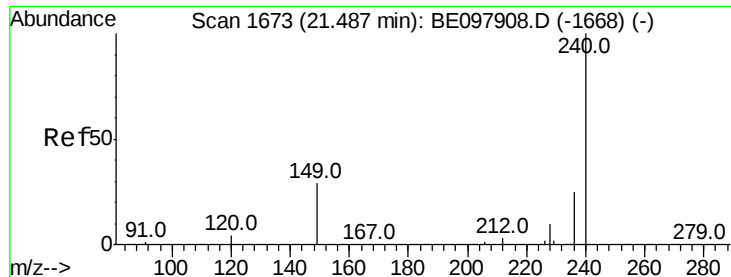


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampled :

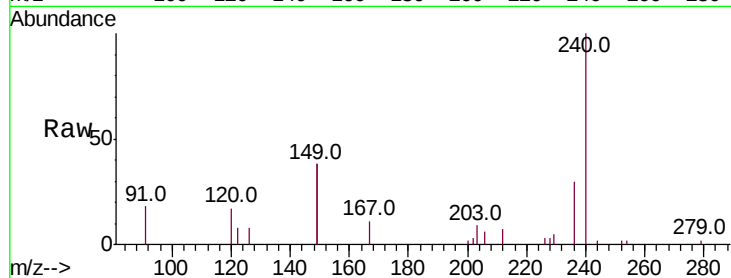
Tot Ion:240 Resp: 25033

Ion Ratio Lower Upper

240 100

120 16.8 7.1 10.7#

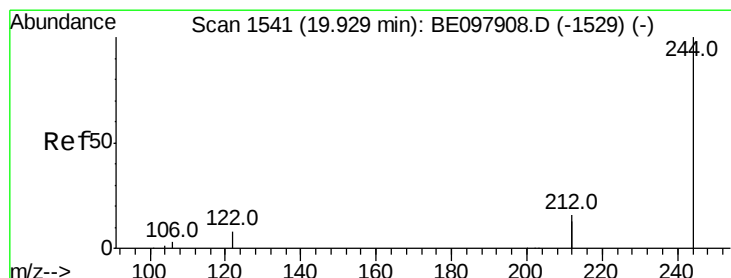
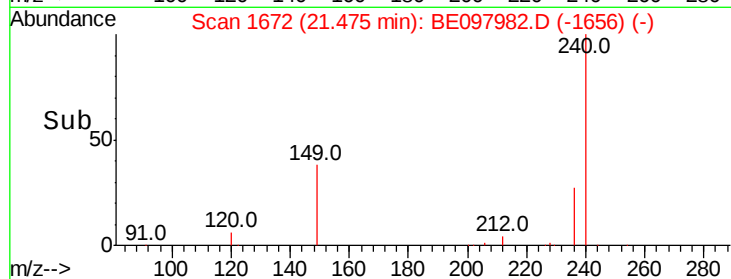
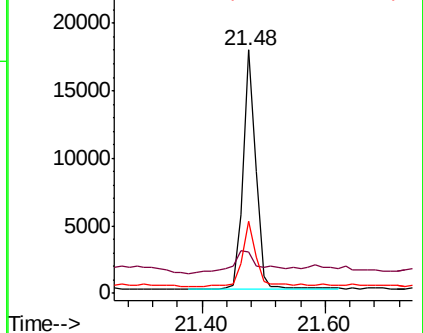
236 29.8 21.3 31.9



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: 0.470 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

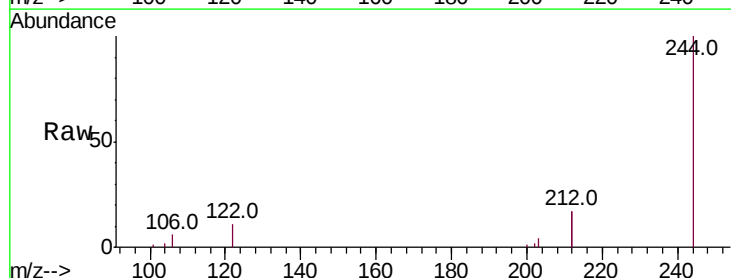
Tgt Ion:244 Resp: 26951

Ion Ratio Lower Upper

244 100

212 34.8 26.2 39.2

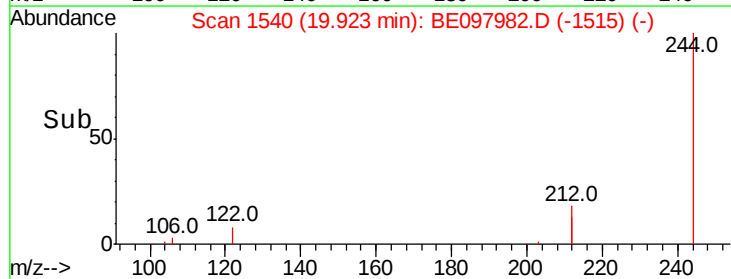
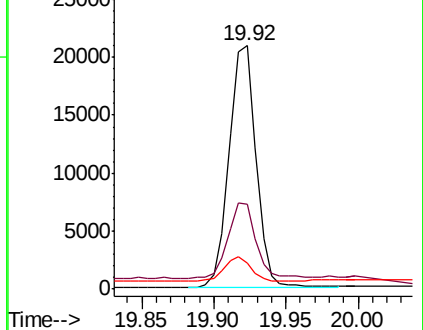
122 10.6 7.7 11.5

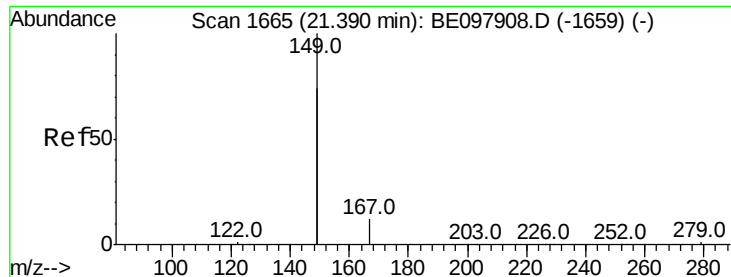


Abundance Ion 244.00 (243.70 to 244.70): E

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: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

Instrument :

BNA_E

ClientSampleId :

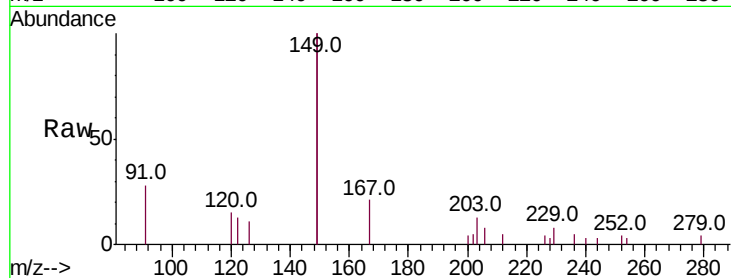
Tot Ion:149 Resp: 13053

Ion Ratio Lower Upper

149 100

167 5.1 5.6 8.4#

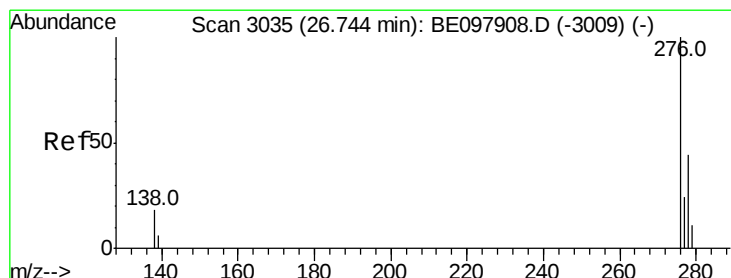
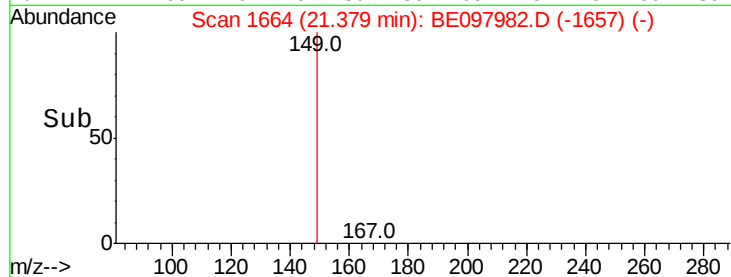
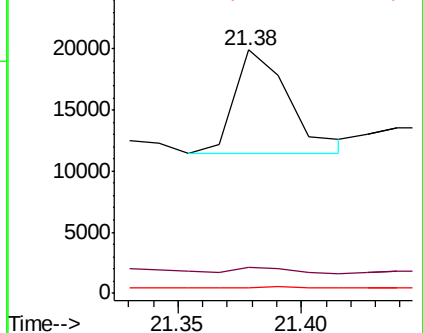
279 1.4 0.9 1.3#



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: 26.73 min Scan# 3032

Delta R.T. -0.01 min

Lab File: BE097982.D

Acq: 18 Oct 2018 18:00

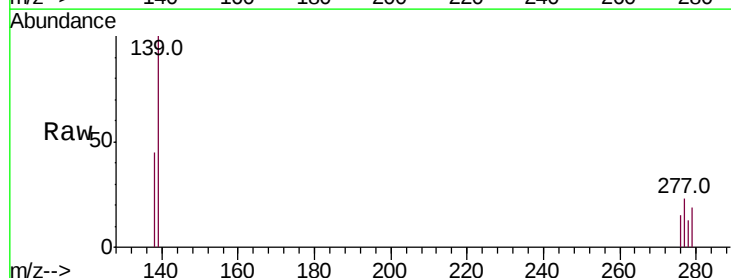
Tgt Ion:276 Resp: 26

Ion Ratio Lower Upper

276 100

138 257.7 17.0 25.6#

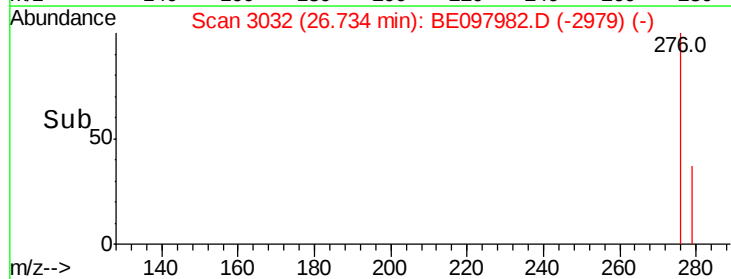
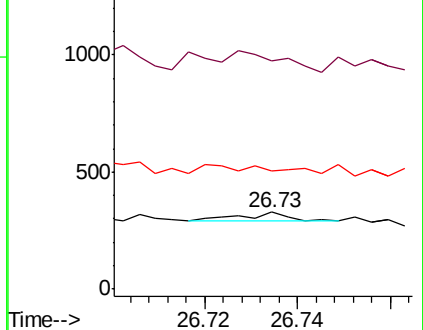
277 0.0 20.5 30.7#

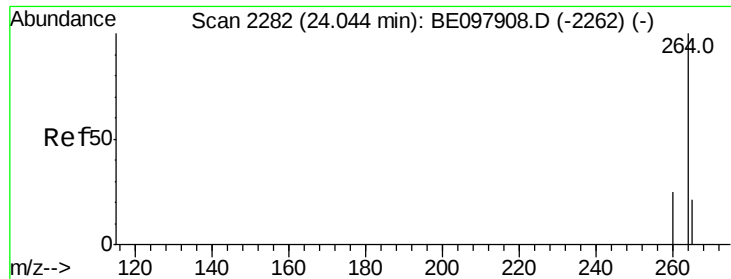


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

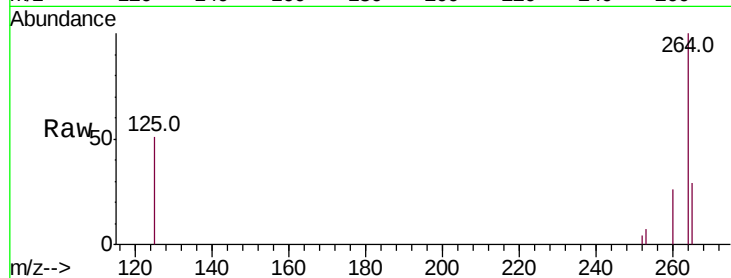




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE097982.D
 Acq: 18 Oct 2018 18:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 24509
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.1 31.7
 265 29.3 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

