

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097969.D
 Acq On : 18 Oct 2018 9:54
 Operator : SJ/JU
 Sample : J5317-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:06:26 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

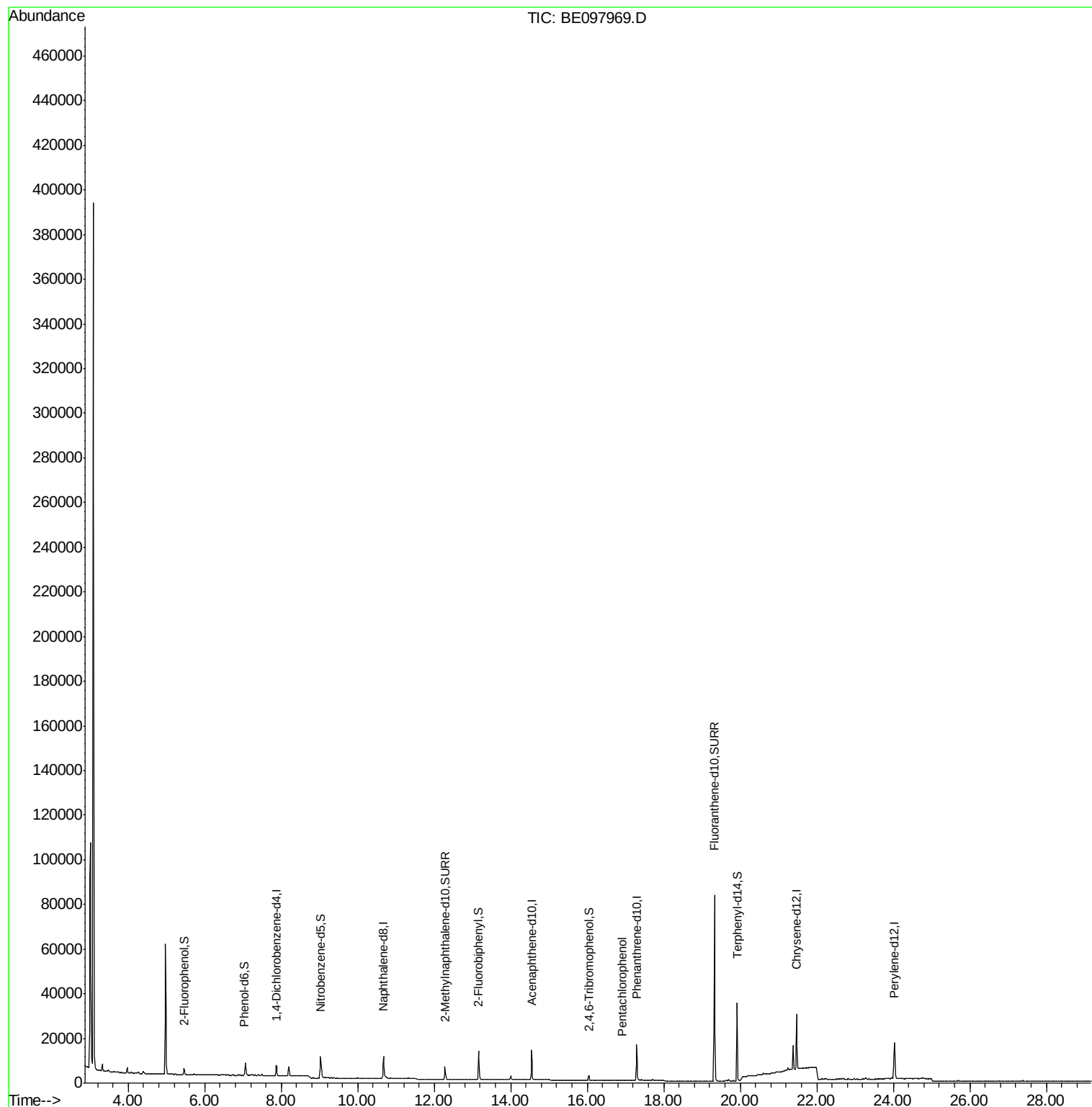
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2385	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	11012	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8033	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	21104	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	24163	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24335	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1372	0.18	ng	0.00
5) Phenol-d6	7.04	99	1252	0.11	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3942	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7360	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1609	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	13513	0.41	ng	-0.01
25) Fluoranthene-d10	19.33	212	110768	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	29263	0.53	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.91	266	6	0.032	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.38	149	14365	Below Cal	#	99
33) Indeno(1,2,3-cd)pyrene	26.73	276	39	Below Cal	#	66

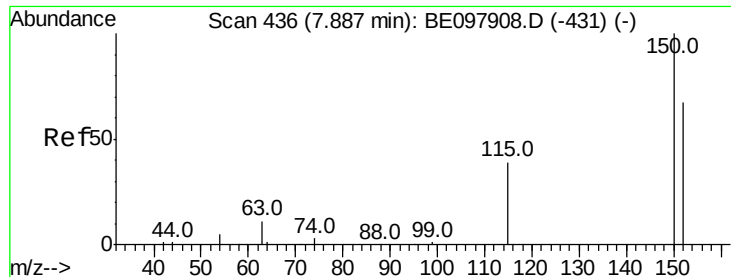
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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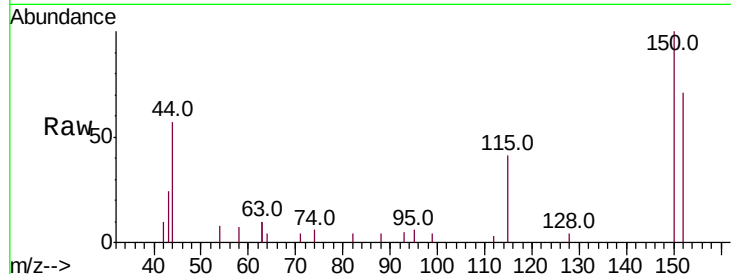




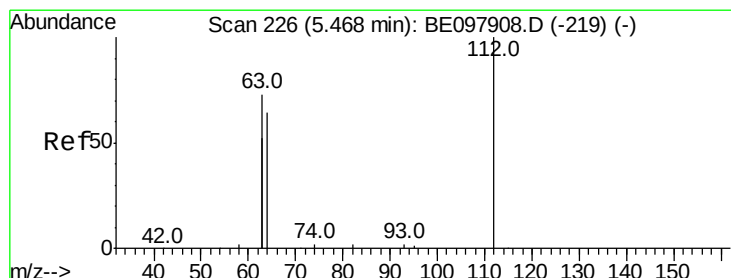
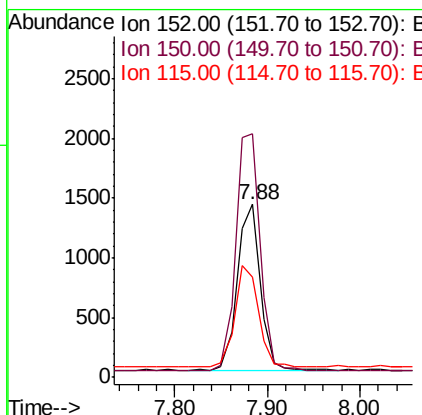
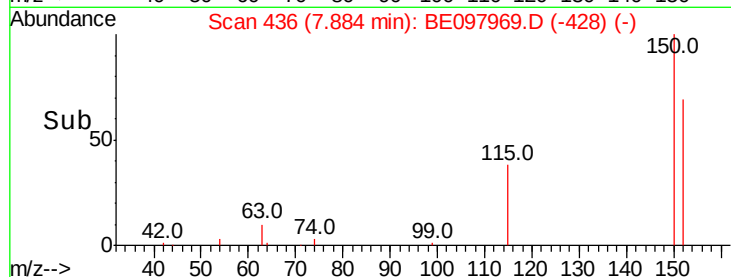
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.88 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BE097969.D
 Acq: 18 Oct 2018 9:54

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 2385
 Ion Ratio Lower Upper
 152 100
 150 140.9 118.2 177.4
 115 58.1 50.9 76.3

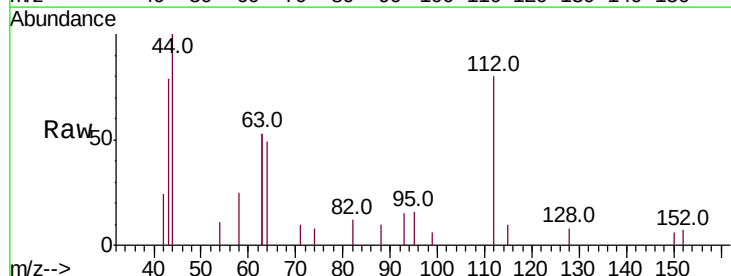


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

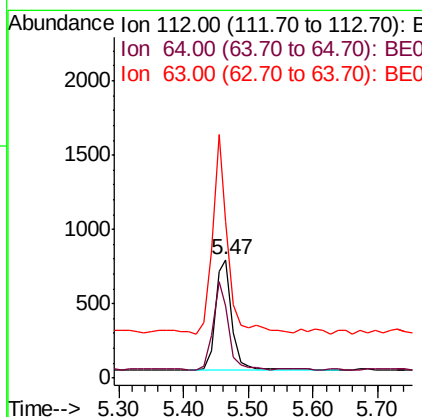
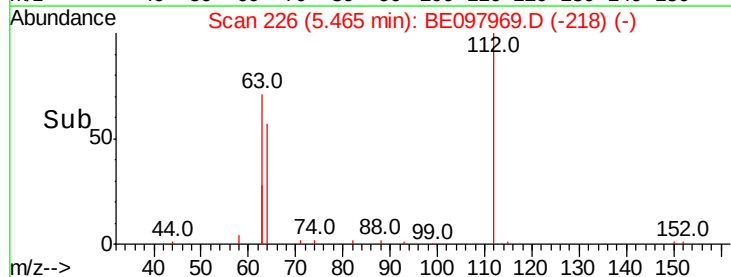


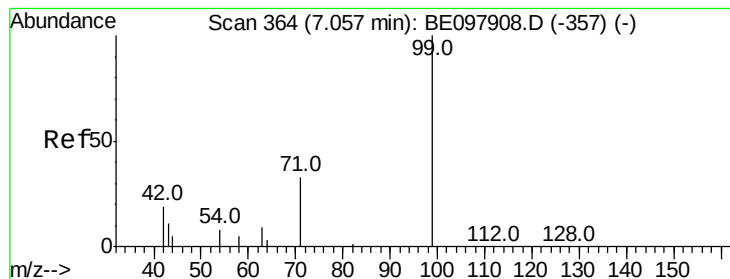
#4
 2-Fluorophenol
 Concen: 0.182 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE097969.D
 Acq: 18 Oct 2018 9:54

Tgt Ion:112 Resp: 1372
 Ion Ratio Lower Upper
 112 100
 64 72.2 58.9 88.3
 63 154.7 120.3 180.5



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: 0.113 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

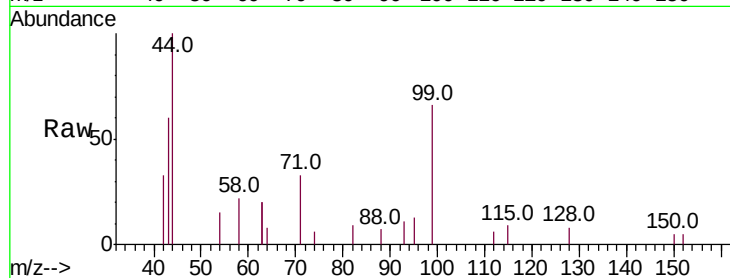
Tot Ion: 99 Resp: 1252

Ion Ratio Lower Upper

99 100

42 49.5 19.9 29.9#

71 44.0 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

1000

800

600

400

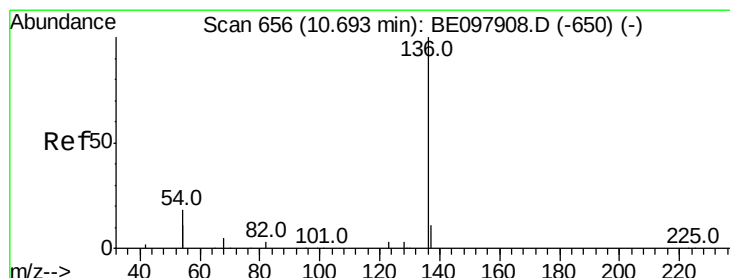
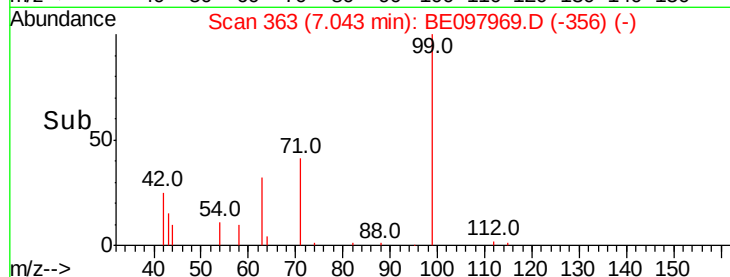
200

0

7.04

7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Tgt Ion: 136 Resp: 11012

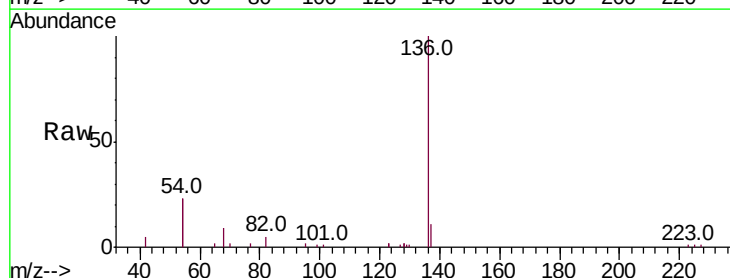
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 45.5 27.7 41.5#

68 9.2 5.3 7.9#



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

8000

6000

4000

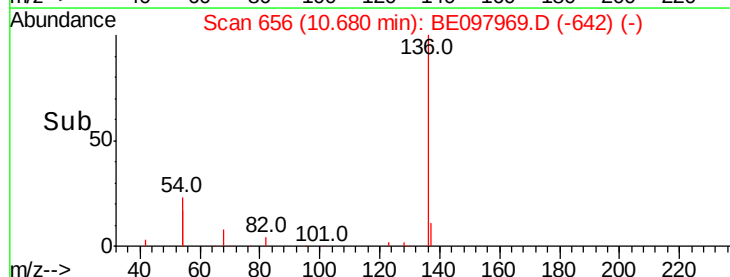
2000

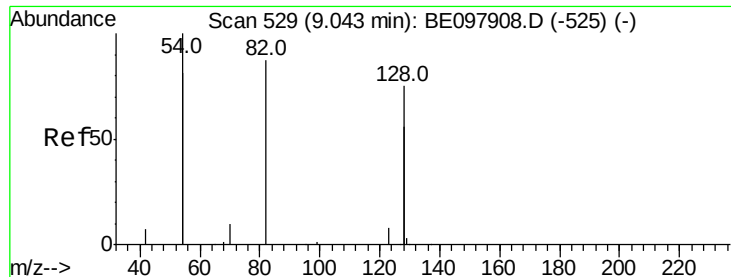
0

10.68

10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 9.03 min Scan# 529

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

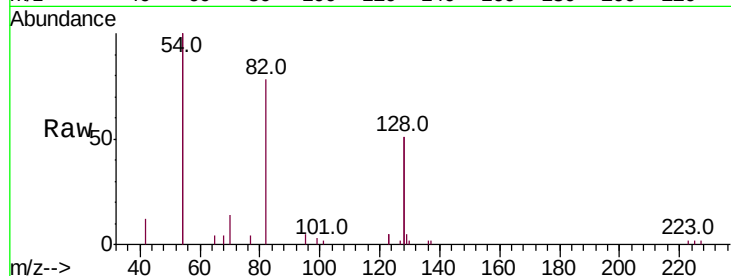
Tot Ion: 82 Resp: 3942

Ion Ratio Lower Upper

82 100

128 130.8 129.9 194.9

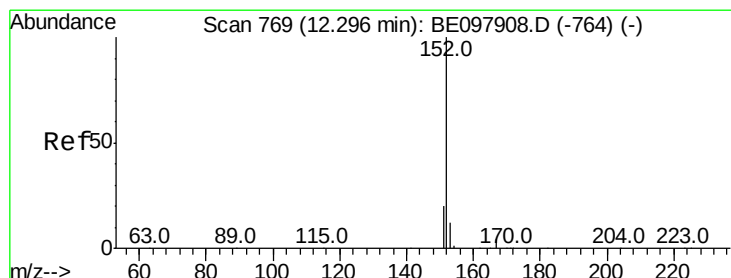
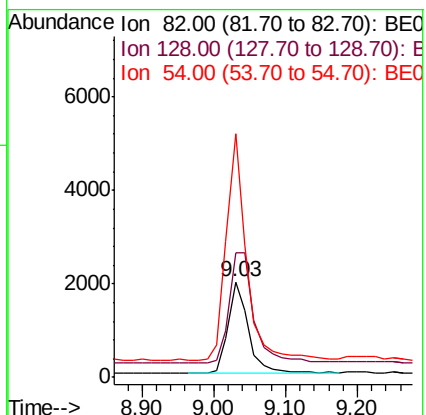
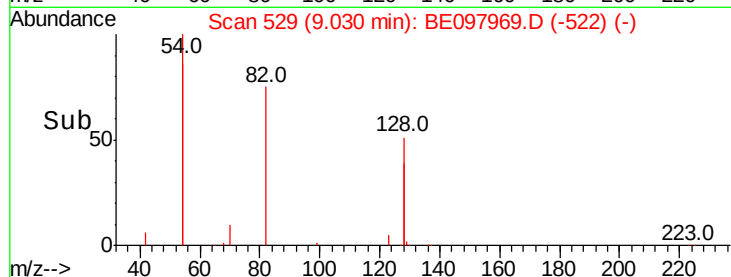
54 255.5 174.0 261.0



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: 0.402 ng

RT: 12.28 min Scan# 769

Delta R.T. -0.01 min

Lab File: BE097969.D

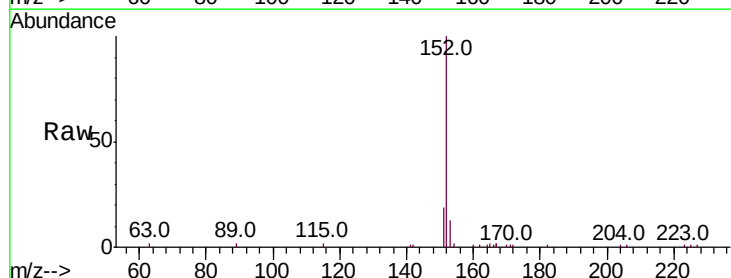
Acq: 18 Oct 2018 9:54

Tgt Ion: 152 Resp: 7360

Ion Ratio Lower Upper

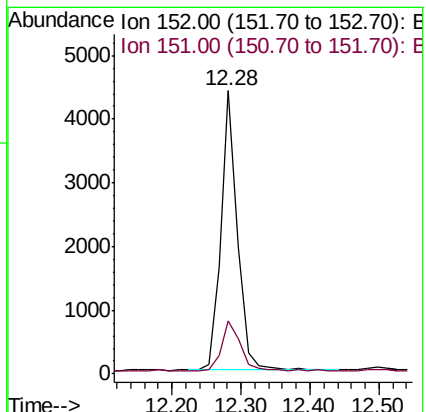
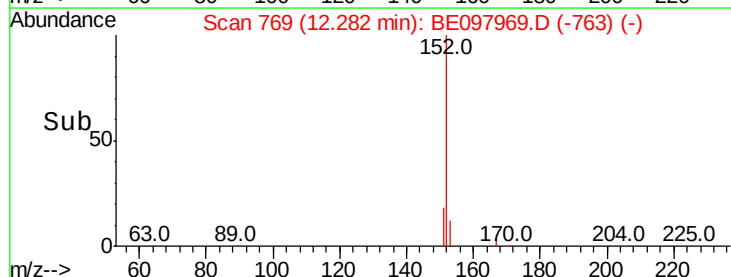
152 100

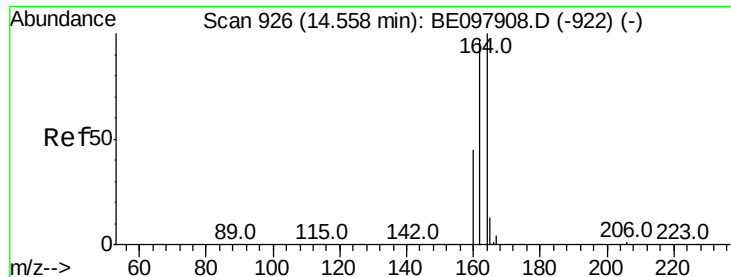
151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

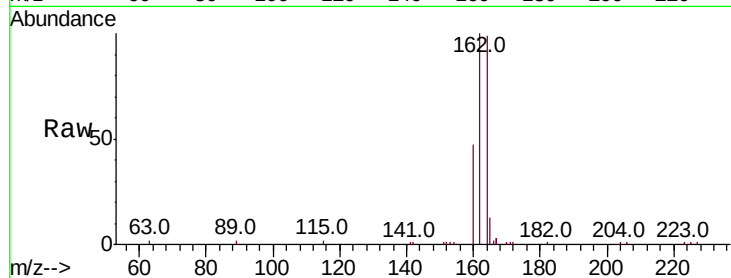




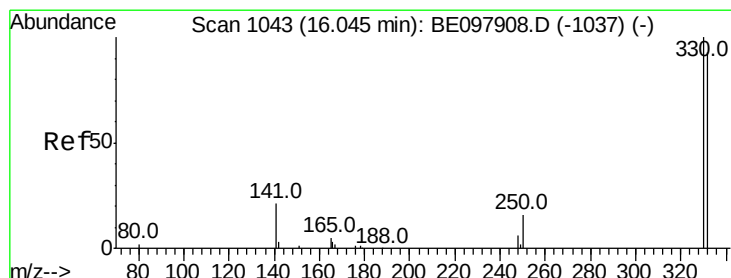
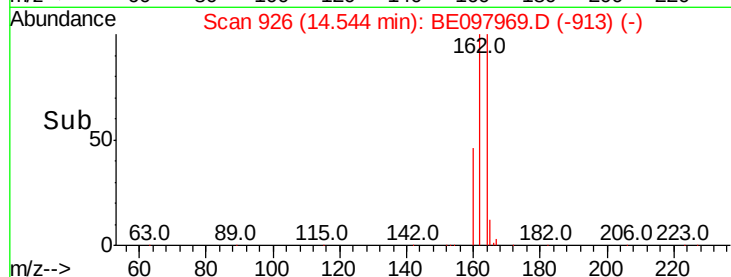
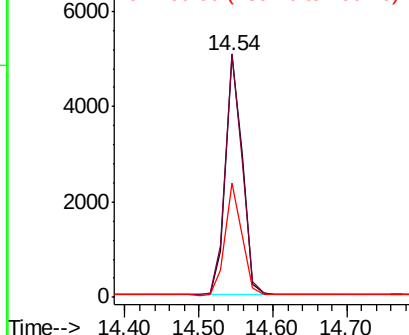
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 926
Delta R.T. -0.01 min
Lab File: BE097969.D
Acq: 18 Oct 2018 9:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8033
Ion Ratio Lower Upper
164 100
162 100.6 77.4 116.2
160 47.2 36.5 54.7

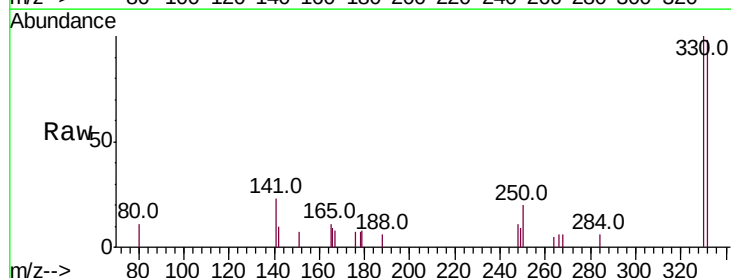


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

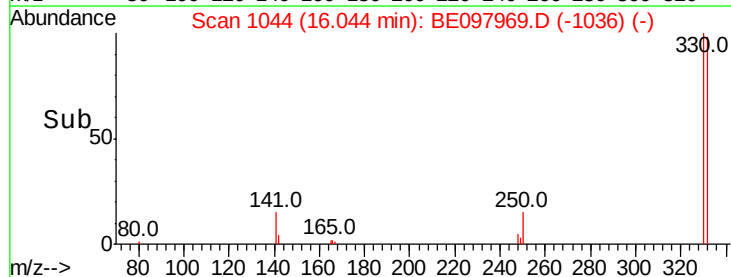
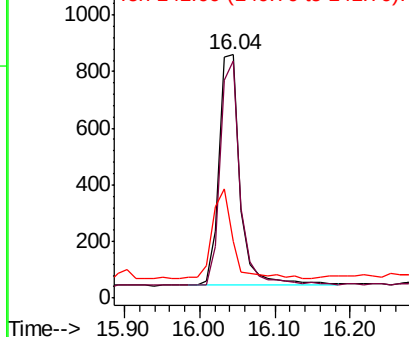


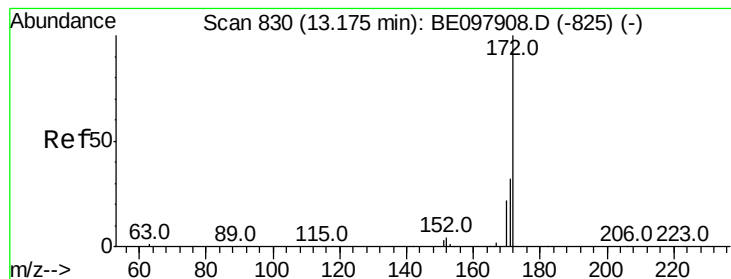
#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 16.04 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BE097969.D
Acq: 18 Oct 2018 9:54

Tgt Ion:330 Resp: 1609
Ion Ratio Lower Upper
330 100
332 93.5 76.5 114.7
141 38.3 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

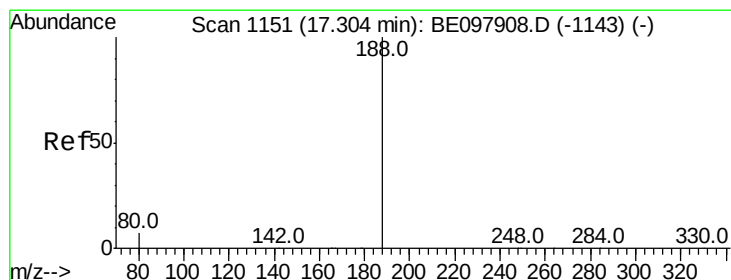
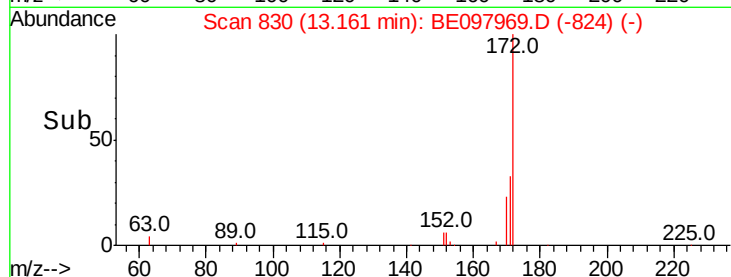
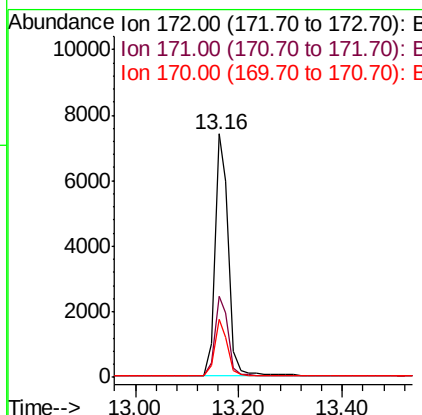
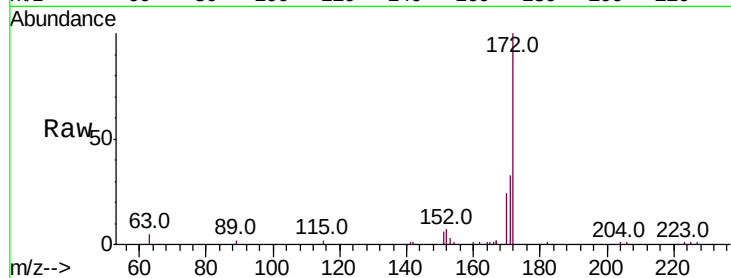




#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 13.16 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BE097969.D
 Acq: 18 Oct 2018 9:54

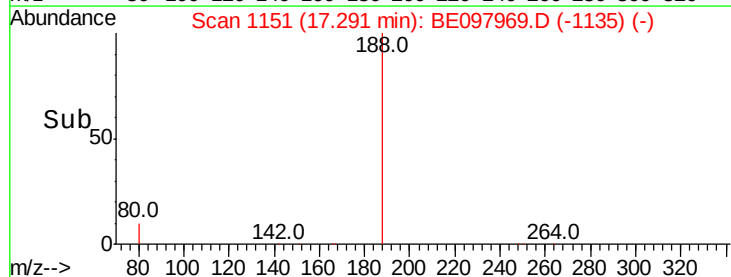
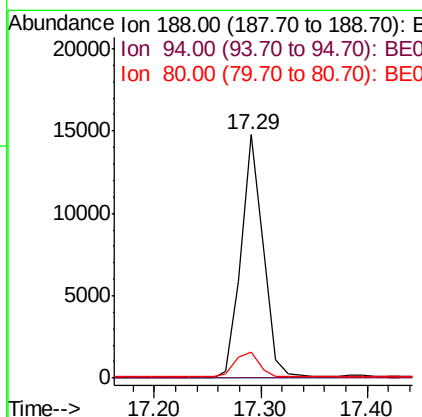
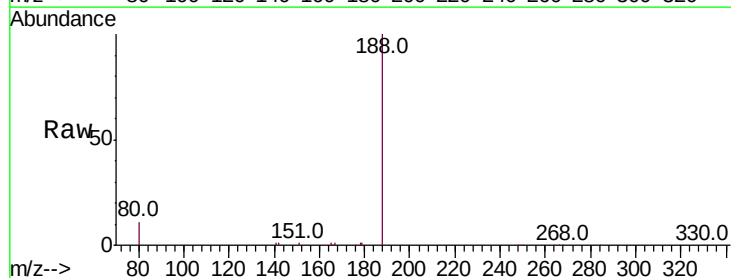
Instrument :
 BNA_E
 ClientSampleId :

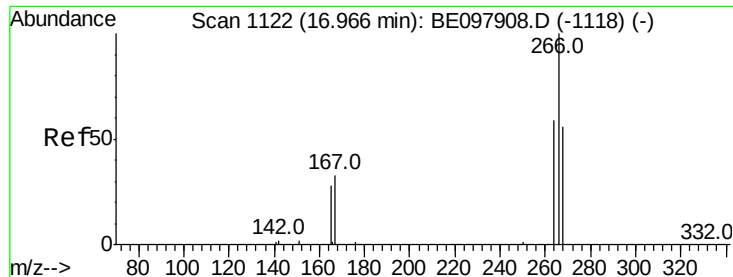
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.0	39.0
170	23.6	18.0	27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.29 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BE097969.D
 Acq: 18 Oct 2018 9:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	6.3	9.5





#22

Pentachlorophenol

Concen: 0.032 ng

RT: 16.91 min Scan# 1118

Delta R.T. -0.06 min

Lab File: BE097969.D

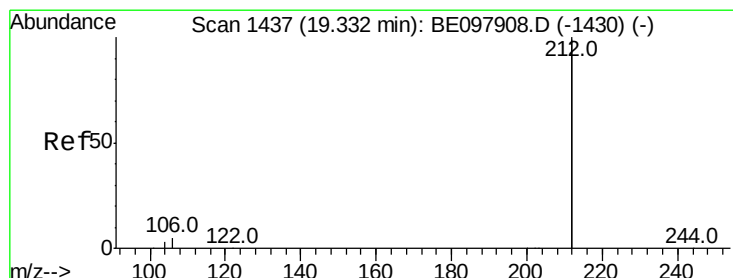
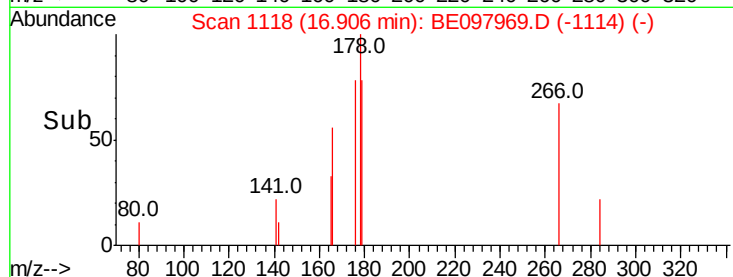
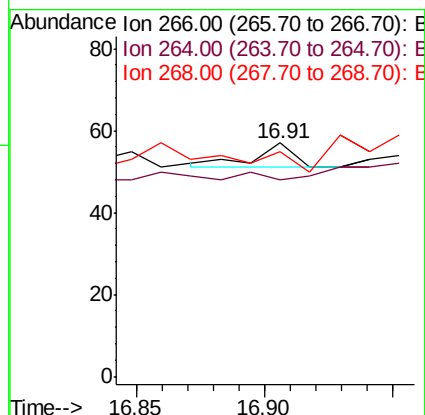
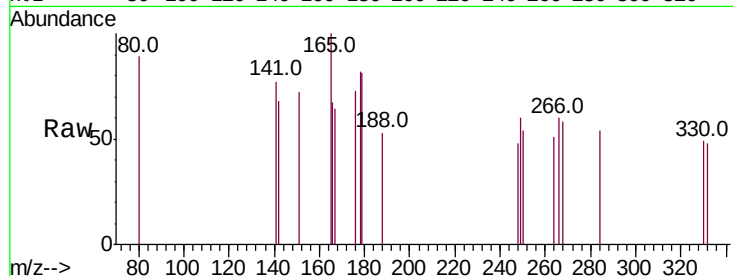
Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:266	Resp:	6	
Ion Ratio	Lower	Upper	
266	100		
264	84.2	51.3	76.9#
268	96.5	50.1	75.1#



#25

Fluoranthene-d10

Concen: 0.387 ng

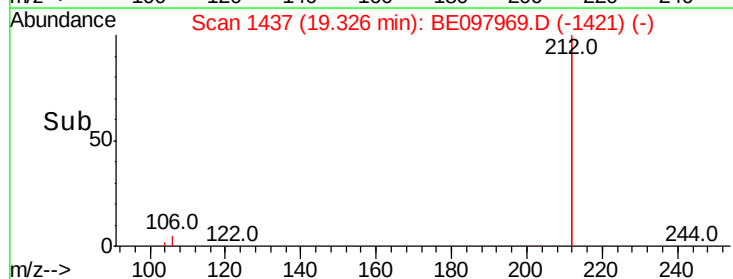
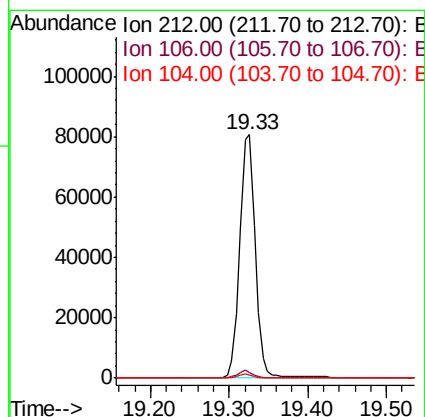
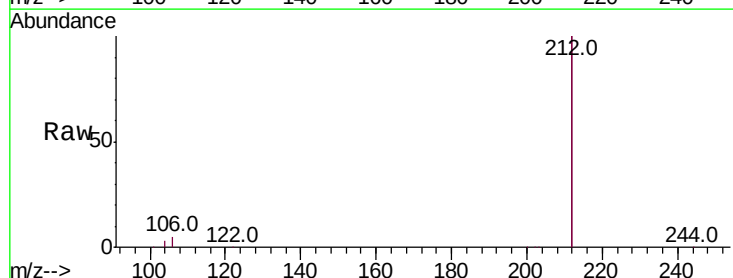
RT: 19.33 min Scan# 1437

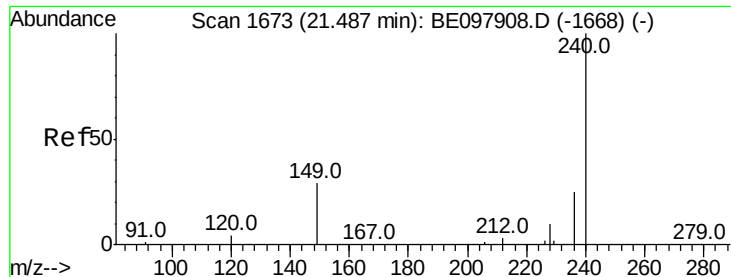
Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Tgt	Ion:212	Resp:	110768
Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

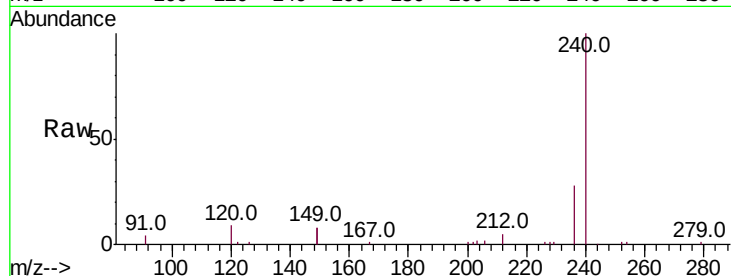
Tot Ion:240 Resp: 24163

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

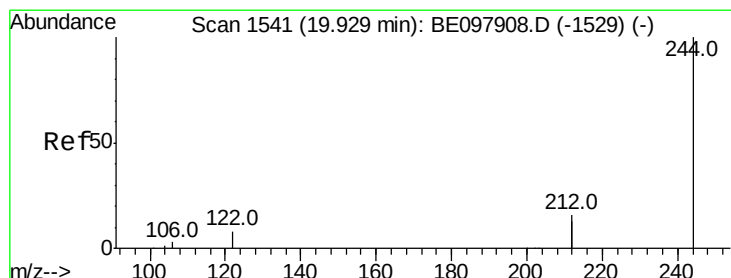
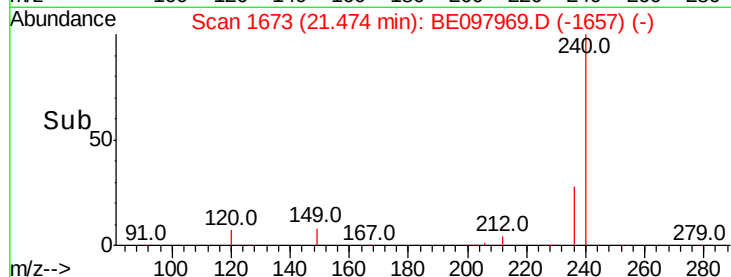
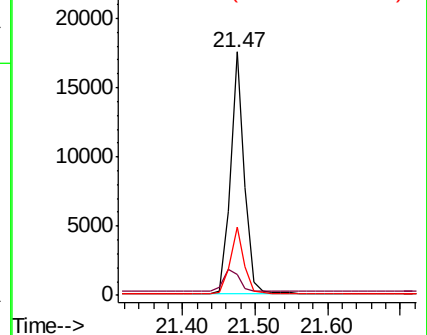
236 28.1 21.3 31.9



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: 0.528 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

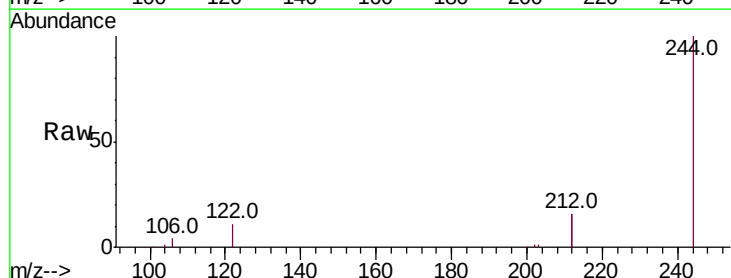
Tgt Ion:244 Resp: 29263

Ion Ratio Lower Upper

244 100

212 31.9 26.2 39.2

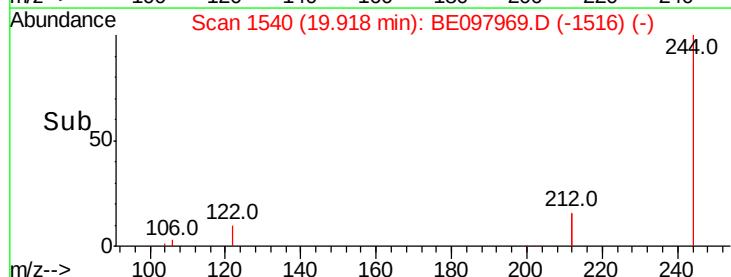
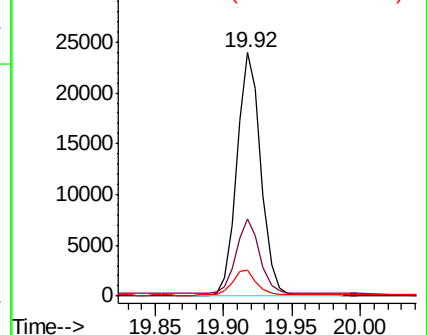
122 10.6 7.7 11.5

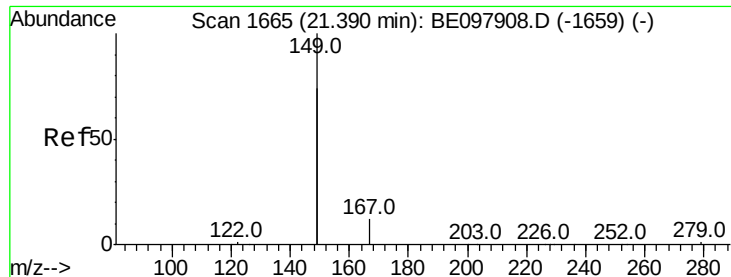


Abundance Ion 244.00 (243.70 to 244.70): E

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# 1665

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

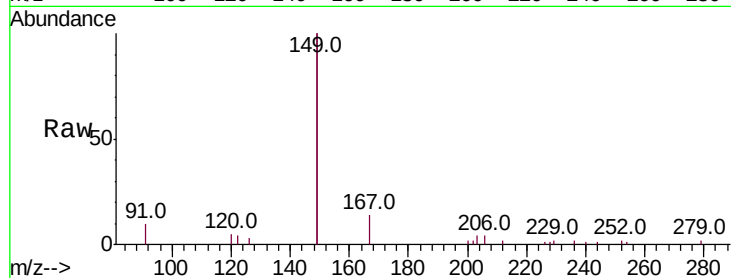
Tot Ion:149 Resp: 14365

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

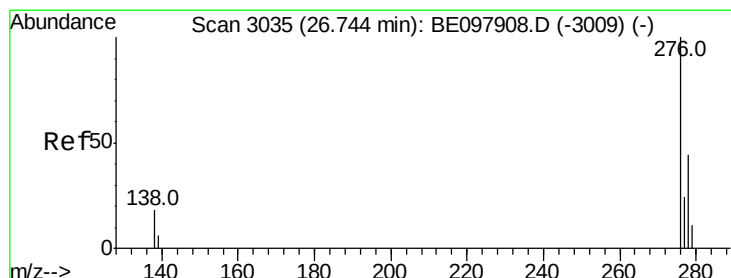
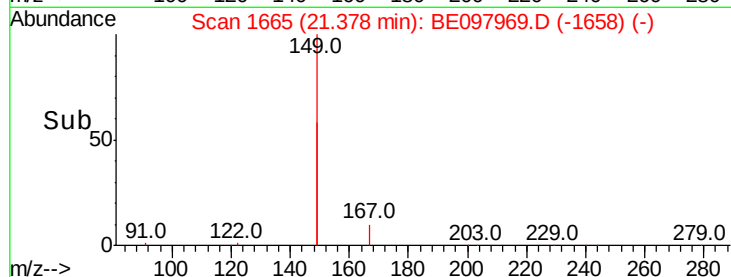
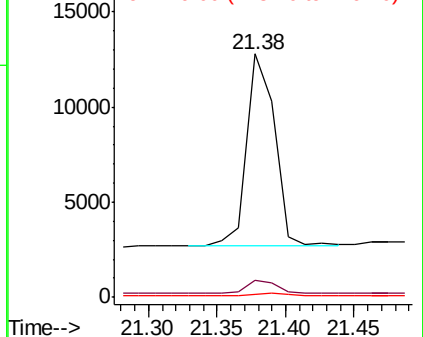
279 1.4 0.9 1.3#



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# 3031

Delta R.T. -0.02 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

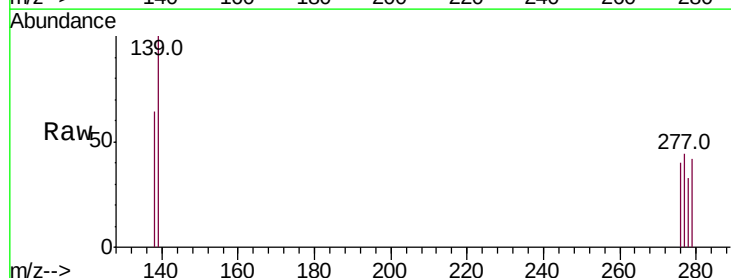
Tgt Ion:276 Resp: 39

Ion Ratio Lower Upper

276 100

138 0.0 17.0 25.6#

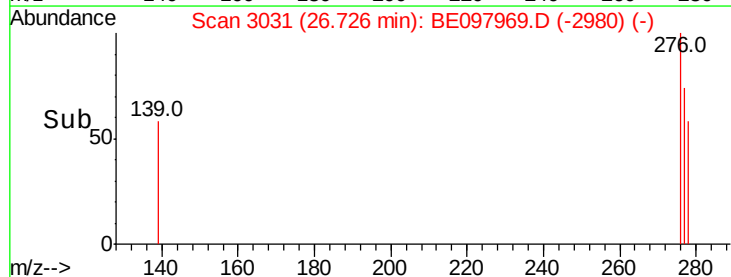
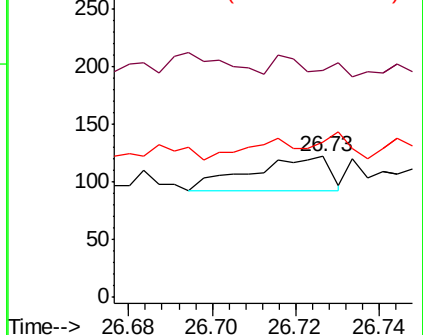
277 38.5 20.5 30.7#

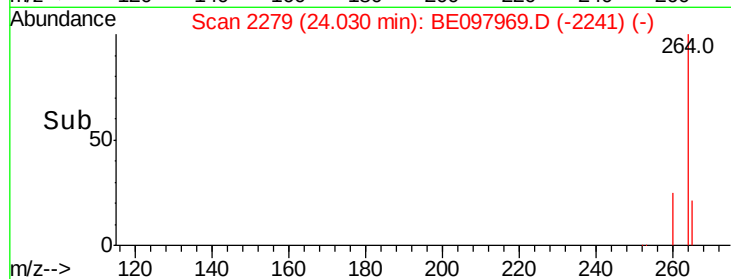
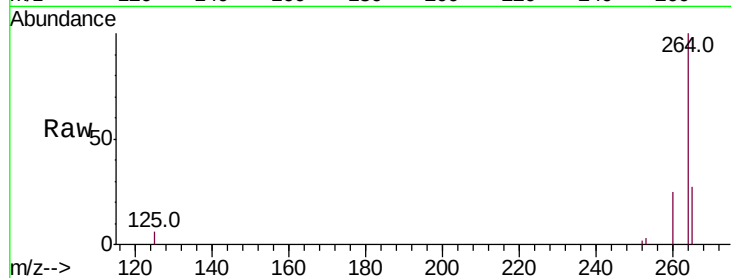
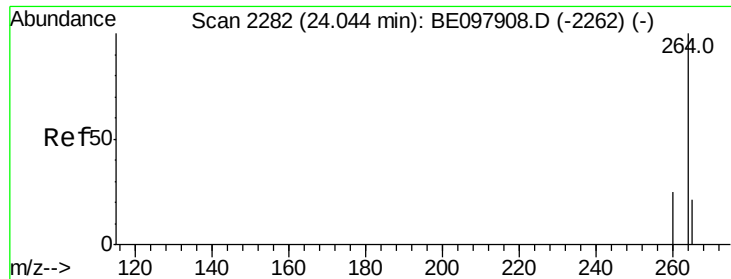


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2279
 Delta R.T. -0.01 min
 Lab File: BE097969.D
 Acq: 18 Oct 2018 9:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.1	31.7
265	26.7	29.2	43.8

