

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100918\
 Data File : BE097816.D
 Acq On : 9 Oct 2018 13:58
 Operator : SJ/JU
 Sample : J5284-05DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 14:37:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 09 11:59:33 2018
 Response via : Initial Calibration

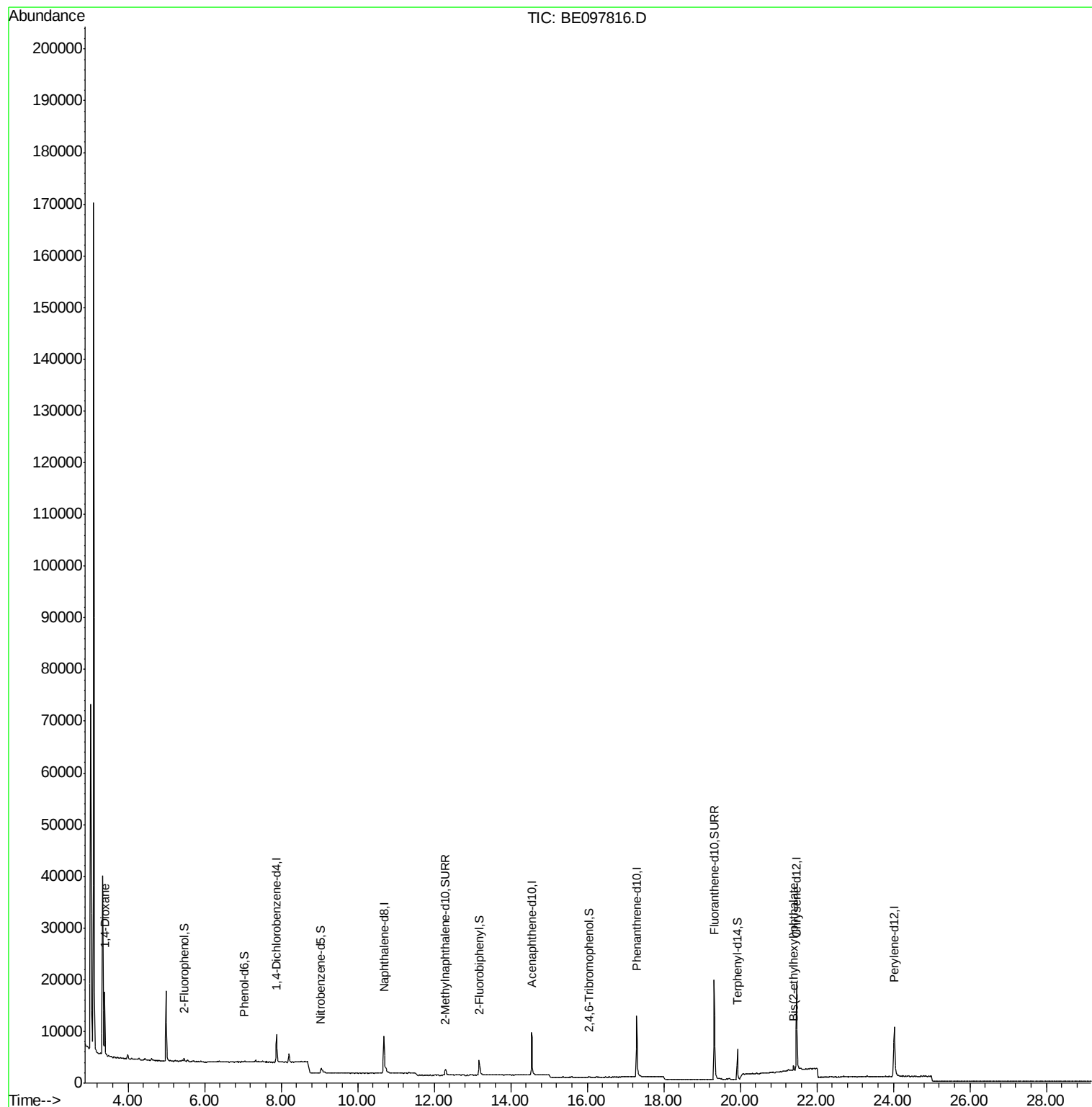
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2649	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	10552	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	6362	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	17895	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	19272	0.40	ng	-0.01
34) Perylene-d12	24.03	264	16263	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	324	0.05	ng	-0.01
5) Phenol-d6	7.04	99	261	0.03	ng	0.00
8) Nitrobenzene-d5	9.04	82	755	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	2227	0.13	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	156	0.14	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	3995	0.14	ng	-0.02
25) Fluoranthene-d10	19.32	212	29399	0.13	ng	-0.01
29) Terphenyl-d14	19.92	244	5426	0.14	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	8198	1.553	ng	98
32) Bis(2-ethylhexyl)phthalate	21.39	149	1203	0.032	ng	# 87

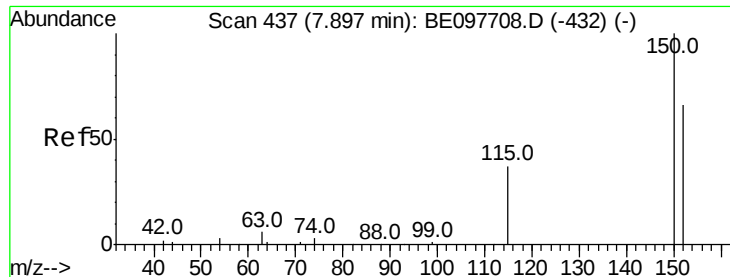
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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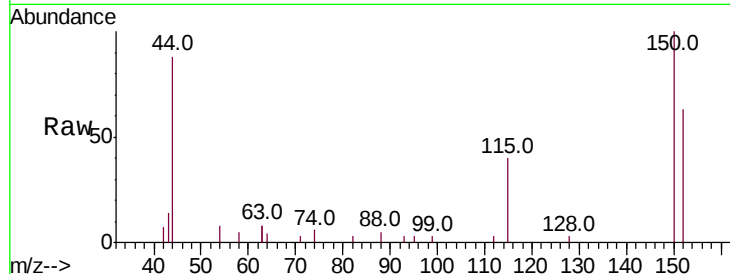


#1

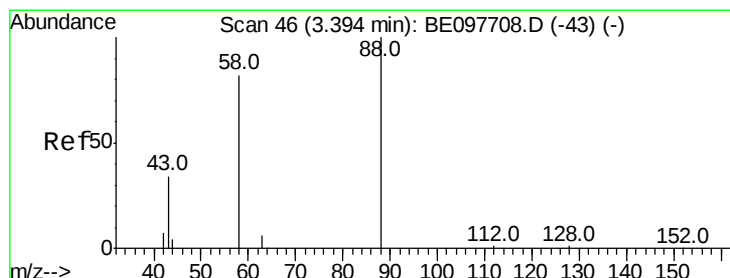
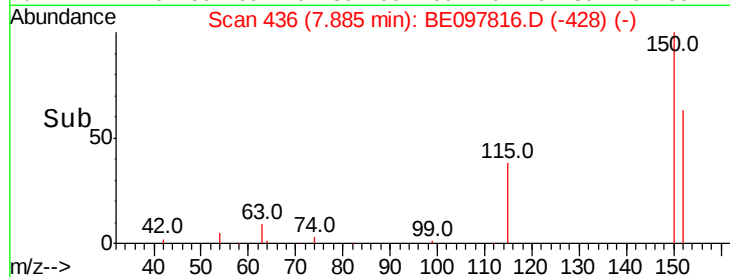
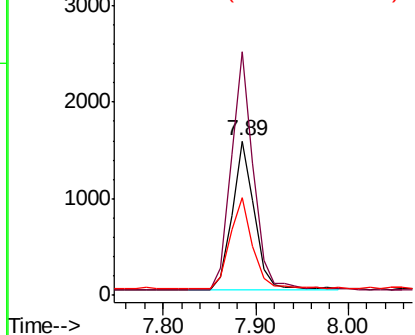
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097816.D
Acq: 9 Oct 2018 13:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2649
Ion Ratio Lower Upper
152 100
150 157.8 120.9 181.3
115 63.1 46.6 69.8



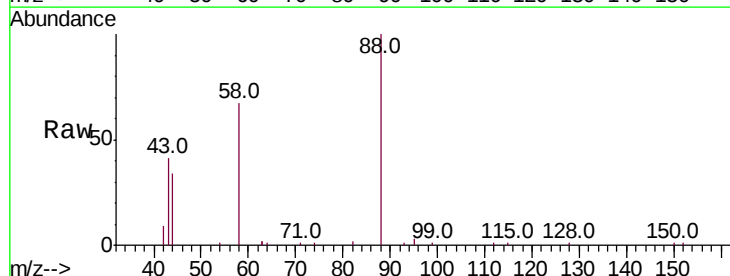
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



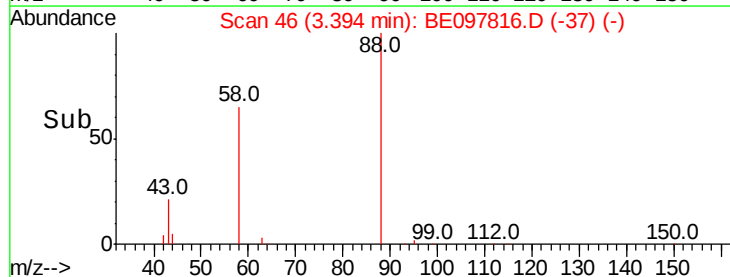
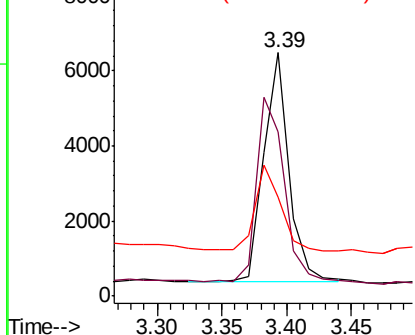
#2

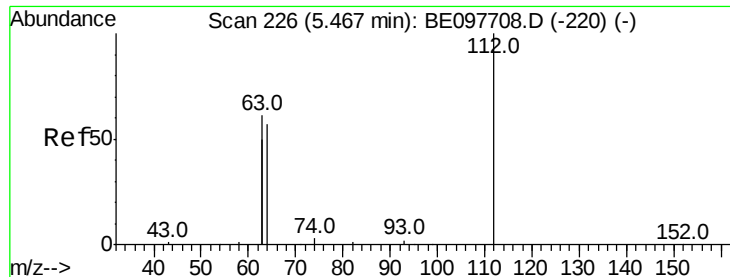
1,4-Dioxane
Concen: 1.553 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097816.D
Acq: 9 Oct 2018 13:58

Tgt Ion: 88 Resp: 8198
Ion Ratio Lower Upper
88 100
58 87.9 70.8 106.2
43 38.1 33.3 49.9



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: 0.052 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

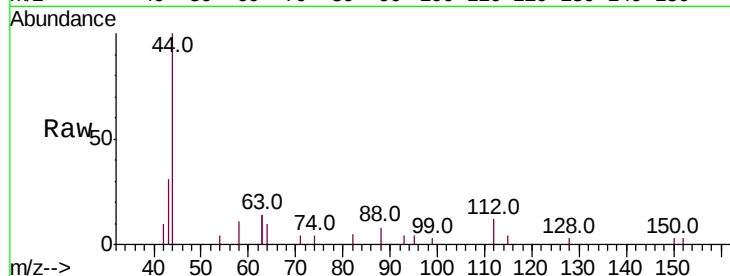
Tot Ion:112 Resp: 324

Ion Ratio Lower Upper

112 100

64 72.8 56.6 84.8

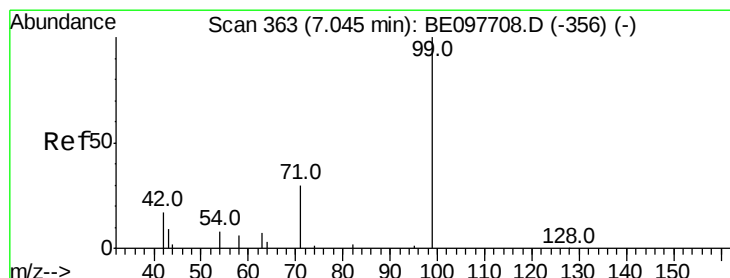
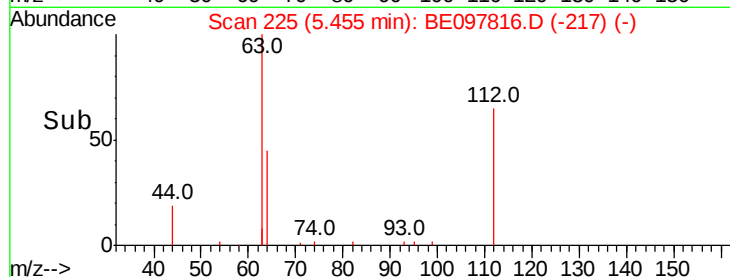
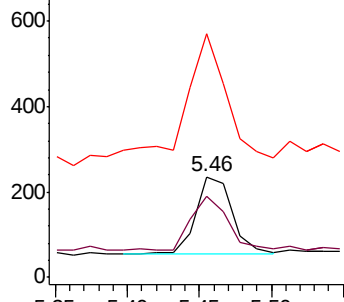
63 168.2 119.4 179.0



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: 0.027 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

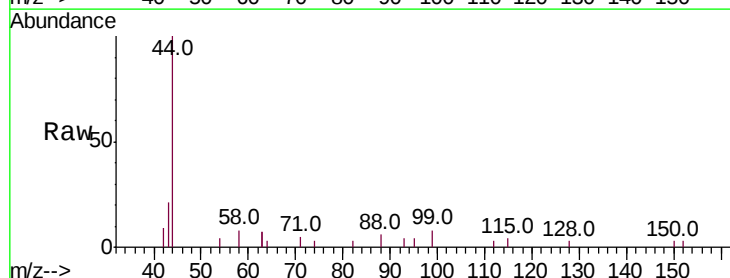
Tgt Ion: 99 Resp: 261

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

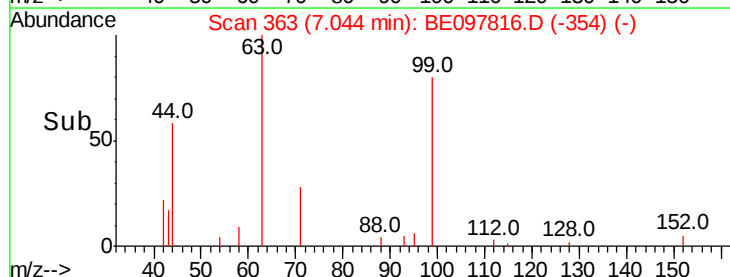
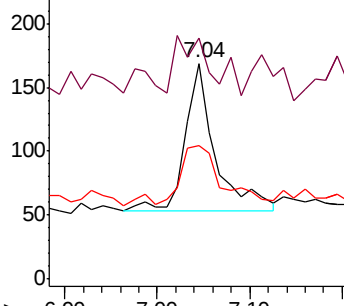
71 53.3 25.4 38.2#

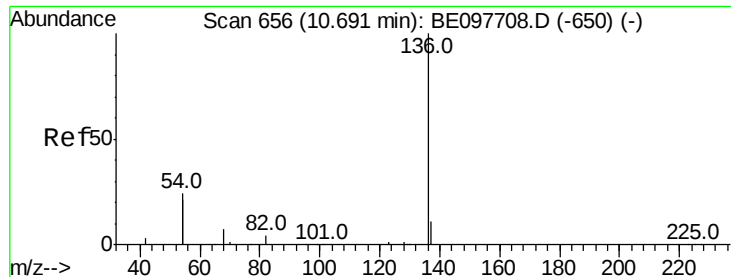


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10552

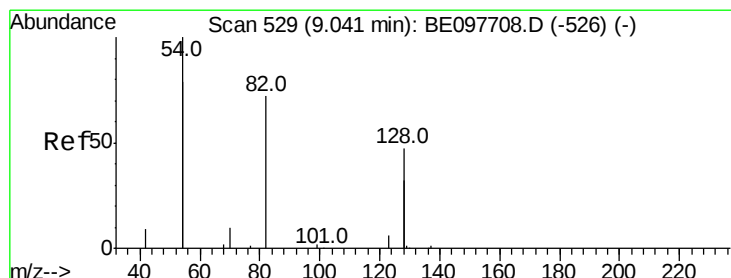
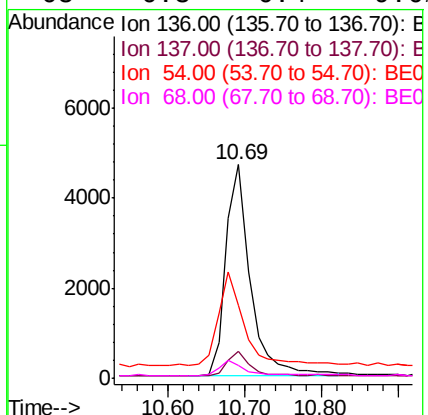
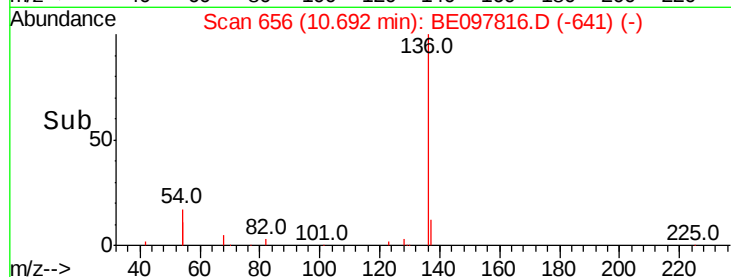
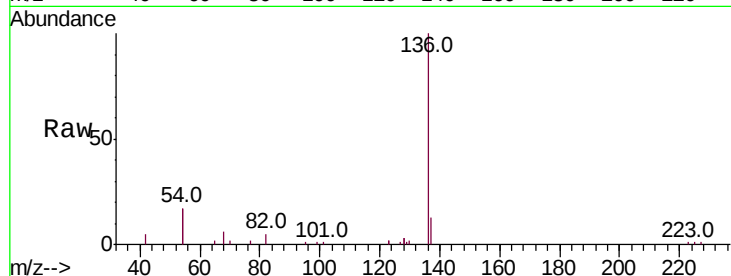
Ion Ratio Lower Upper

136 100

137 12.7 9.0 13.4

54 34.3 37.8 56.6#

68 6.3 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.220 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

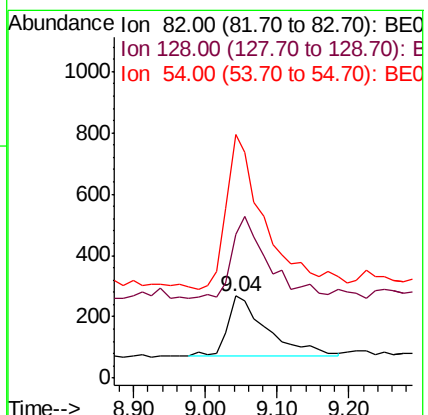
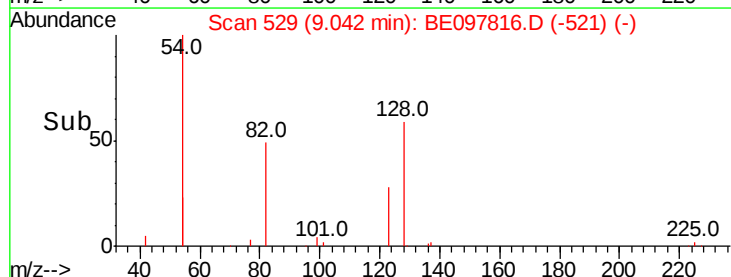
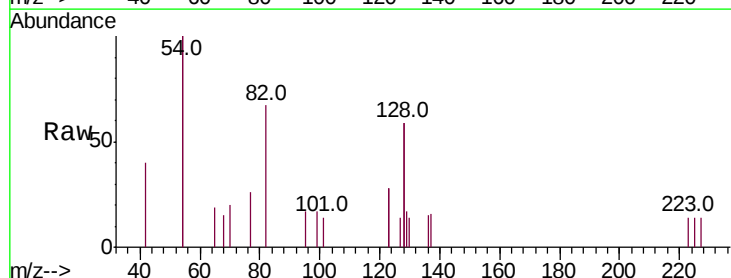
Tgt Ion: 82 Resp: 755

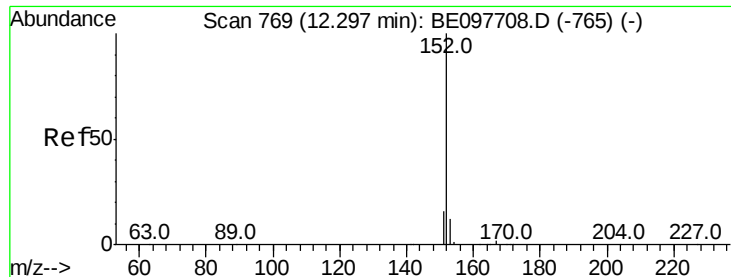
Ion Ratio Lower Upper

82 100

128 176.0 97.0 145.4#

54 297.4 206.9 310.3

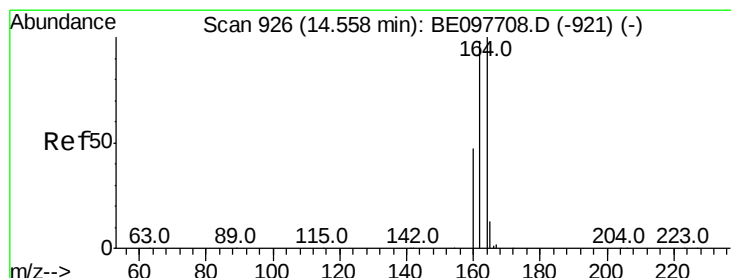
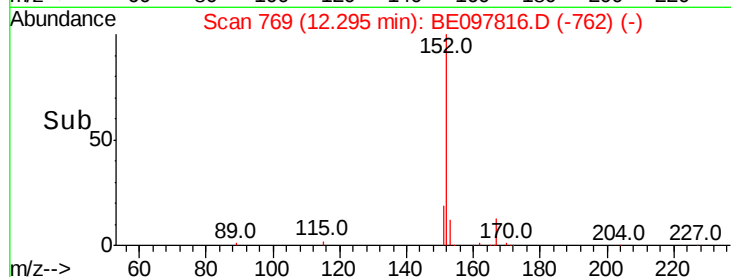
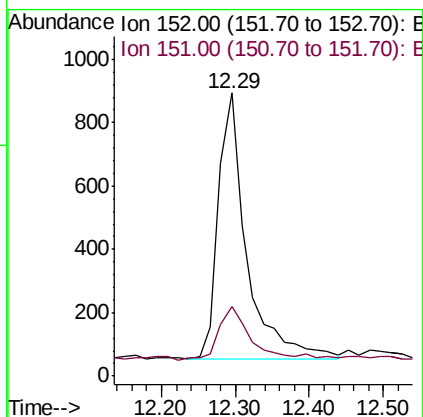
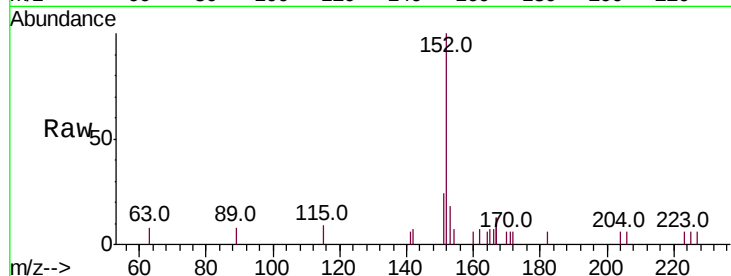




#11
 2-Methylnaphthalene-d10
 Concen: 0.133 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097816.D
 Acq: 9 Oct 2018 13:58

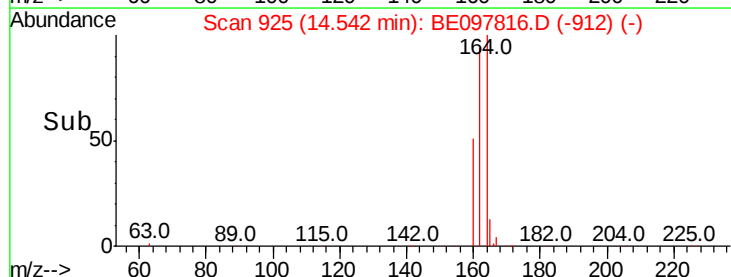
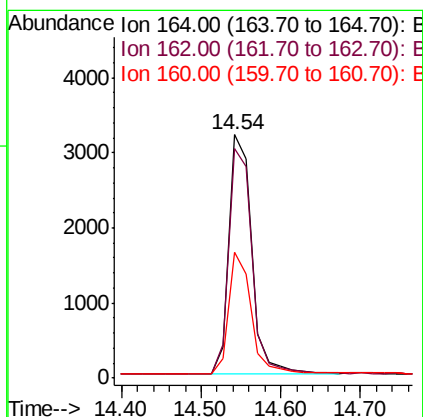
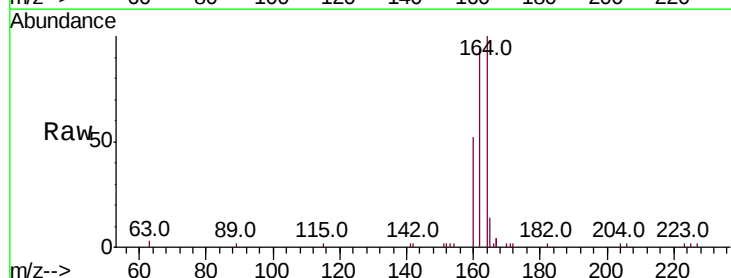
Instrument :
 BNA_E
 ClientSampleId :

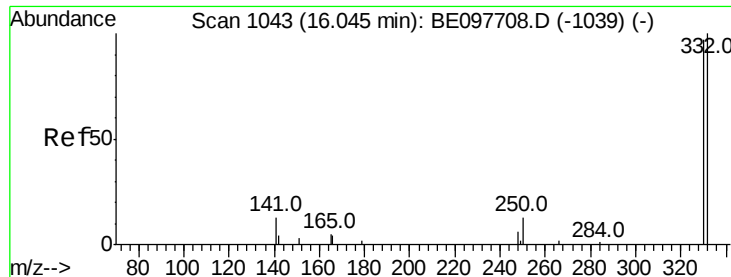
Tot Ion:152 Resp: 2227
 Ion Ratio Lower Upper
 152 100
 151 23.8 15.4 23.2#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097816.D
 Acq: 9 Oct 2018 13:58

Tgt Ion:164 Resp: 6362
 Ion Ratio Lower Upper
 164 100
 162 94.4 78.6 117.8
 160 51.6 37.8 56.6





#14

2,4,6-Tribromophenol

Concen: 0.135 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

Instrument :

BNA_E

ClientSampled :

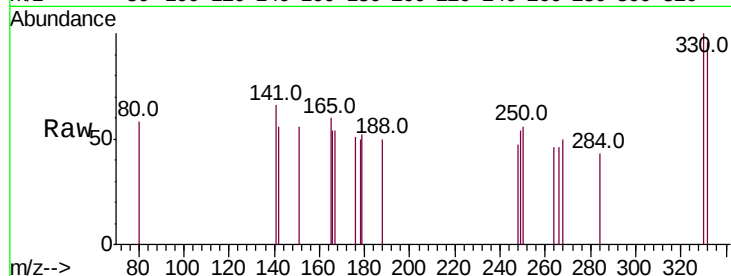
Tot Ion:330 Resp: 156

Ion Ratio Lower Upper

330 100

332 119.9 83.5 125.3

141 37.8 34.9 52.3



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

150

100

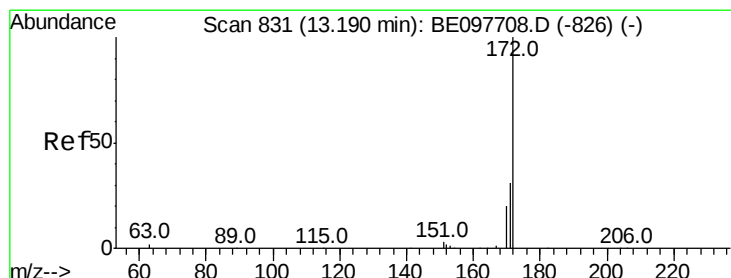
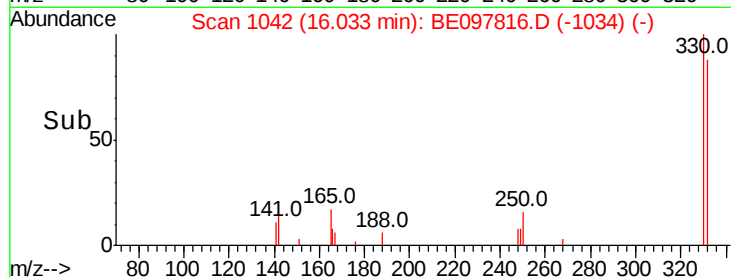
50

0

16.03

16.00 16.10 16.20

Time-->



#15

2-Fluorobiphenyl

Concen: 0.143 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

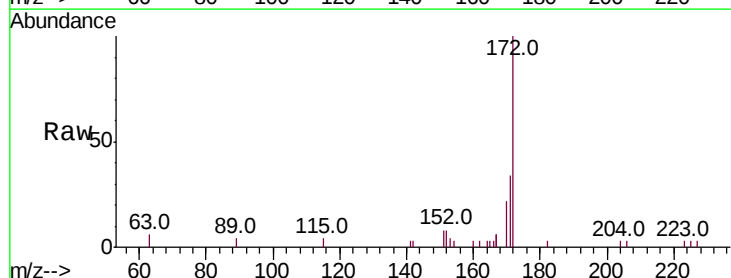
Tgt Ion:172 Resp: 3995

Ion Ratio Lower Upper

172 100

171 34.5 25.2 37.8

170 22.2 16.2 24.2



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

2500

2000

1500

1000

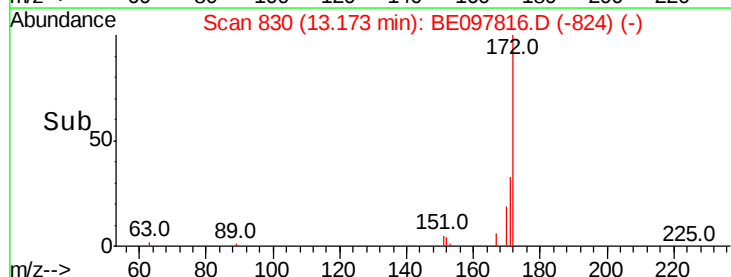
500

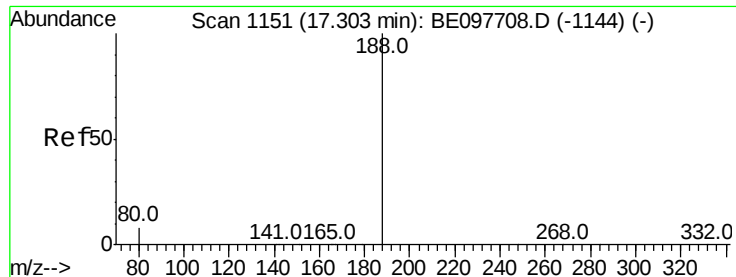
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13.17

13.10 13.20 13.30 13.40

Time-->

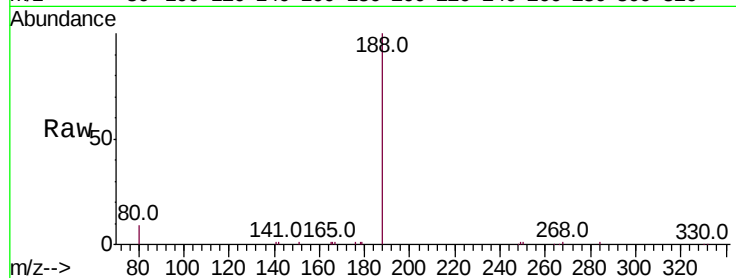




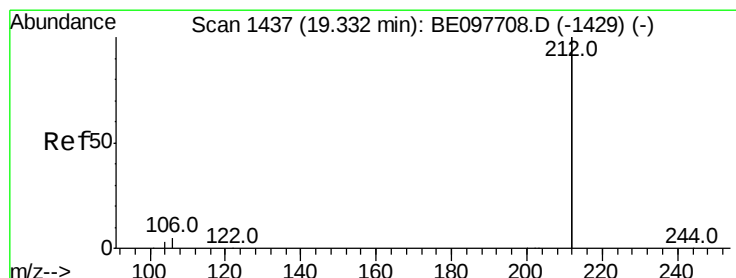
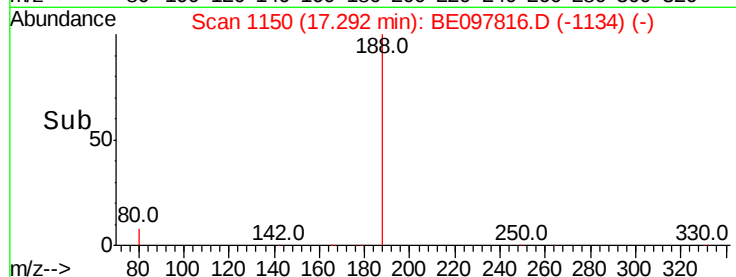
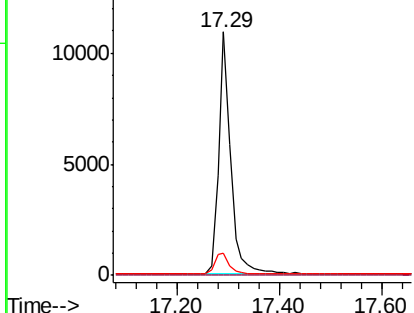
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097816.D
Acq: 9 Oct 2018 13:58

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 17895
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.6 9.8

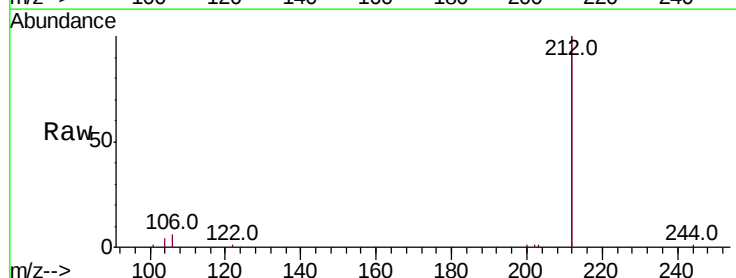


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

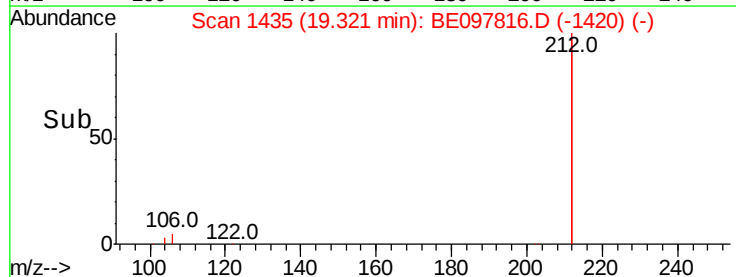
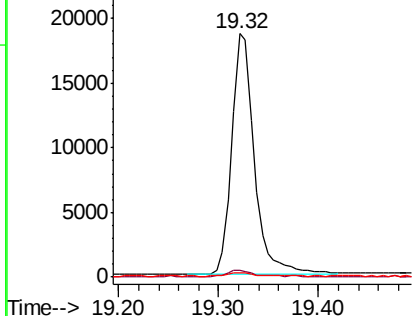


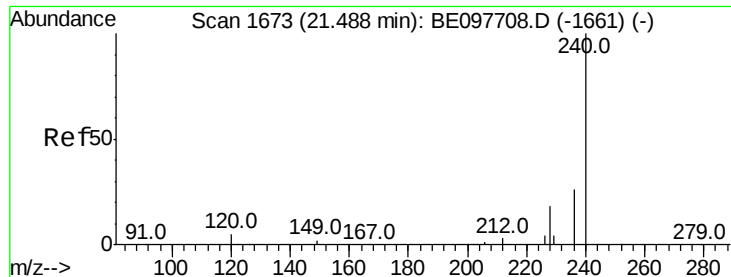
#25
Fluoranthene-d10
Concen: 0.130 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097816.D
Acq: 9 Oct 2018 13:58

Tgt Ion:212 Resp: 29399
Ion Ratio Lower Upper
212 100
106 2.7 2.2 3.2
104 1.5 1.2 1.8



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: BE097816.D

Acq: 9 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

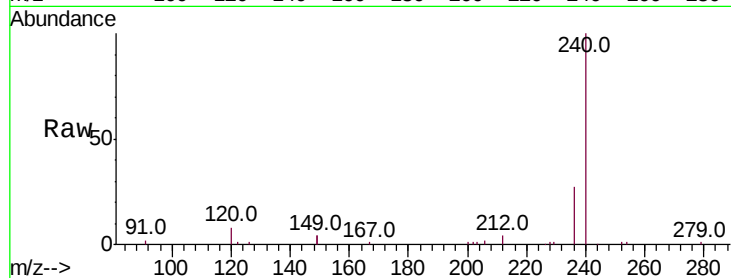
Tot Ion:240 Resp: 19272

Ion Ratio Lower Upper

240 100

120 8.0 4.7 7.1#

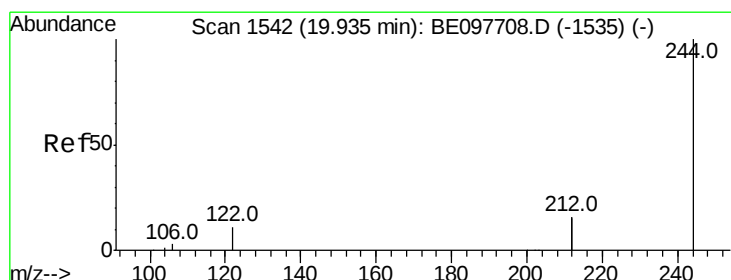
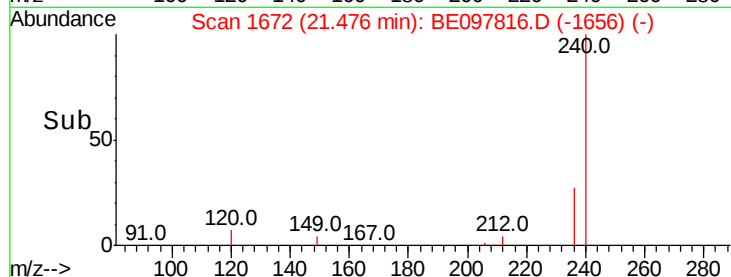
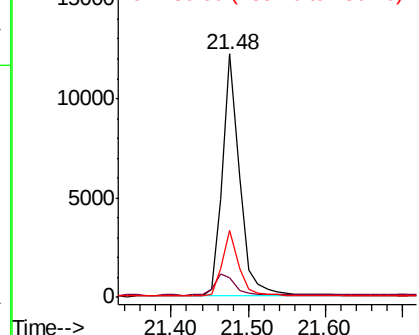
236 27.3 20.8 31.2



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: 0.138 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

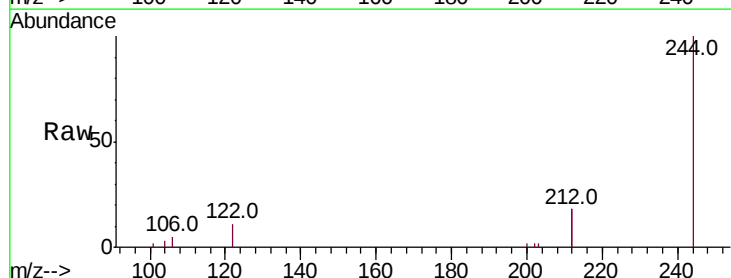
Tgt Ion:244 Resp: 5426

Ion Ratio Lower Upper

244 100

212 36.3 25.8 38.8

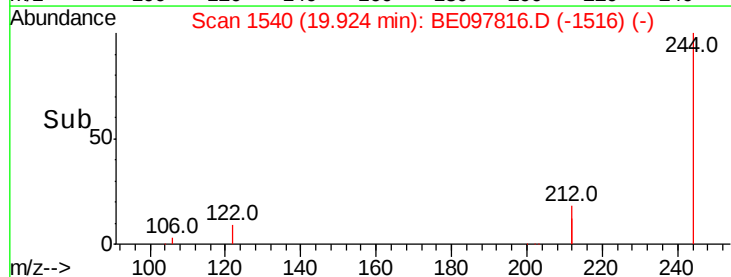
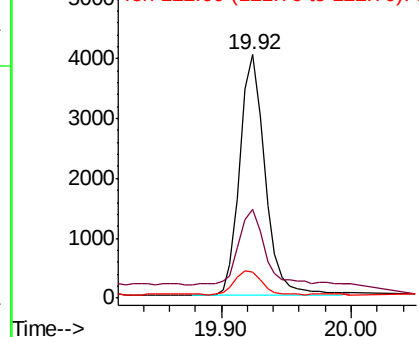
122 10.5 8.7 13.1

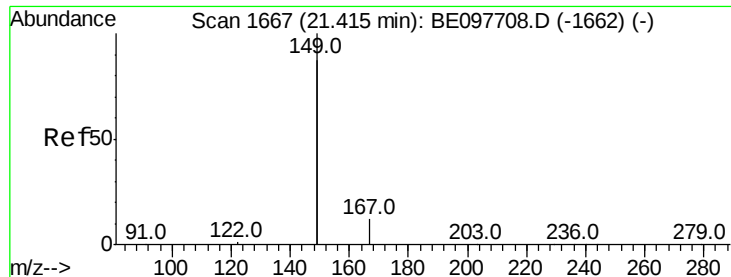


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

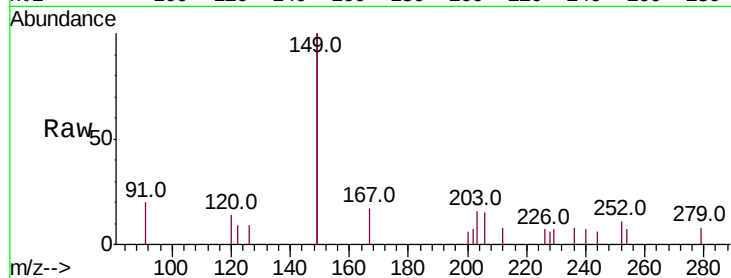
Tot Ion:149 Resp: 1203

Ion Ratio Lower Upper

149 100

167 11.8 5.5 8.3#

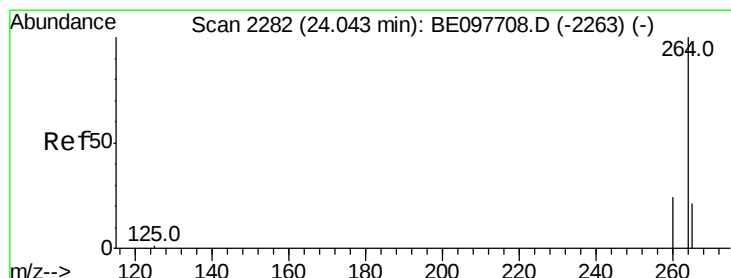
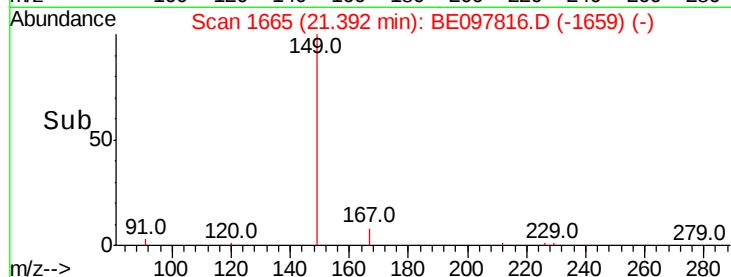
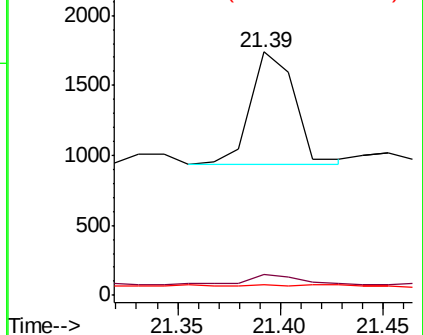
279 2.5 0.9 1.3#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097816.D

Acq: 9 Oct 2018 13:58

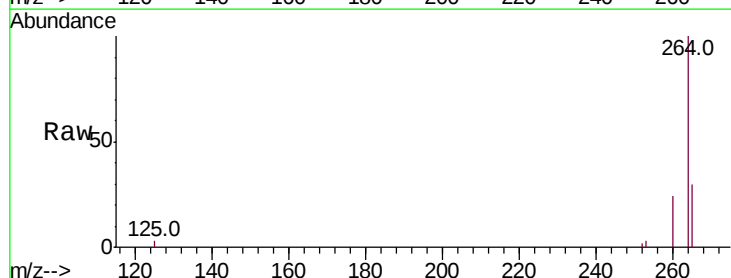
Tgt Ion:264 Resp: 16263

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 30.1 21.9 32.9



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

