

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097728.D
 Acq On : 4 Oct 2018 16:46
 Operator : SJ/JU
 Sample : PB113508BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113508BL

Quant Time: Oct 05 06:50:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3879	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	14293	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6558	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	15497	0.40	ng	0.00
27) Chrysene-d12	21.49	240	15741	0.40	ng	0.00
34) Perylene-d12	24.04	264	16263	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	3686	0.40	ng	0.00
5) Phenol-d6	7.04	99	4860	0.35	ng	0.00
8) Nitrobenzene-d5	9.04	82	2709	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8248	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	434	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	12768	0.44	ng	0.00
25) Fluoranthene-d10	19.33	212	71050	0.36	ng	0.00
29) Terphenyl-d14	19.94	244	12339	0.38	ng	0.00

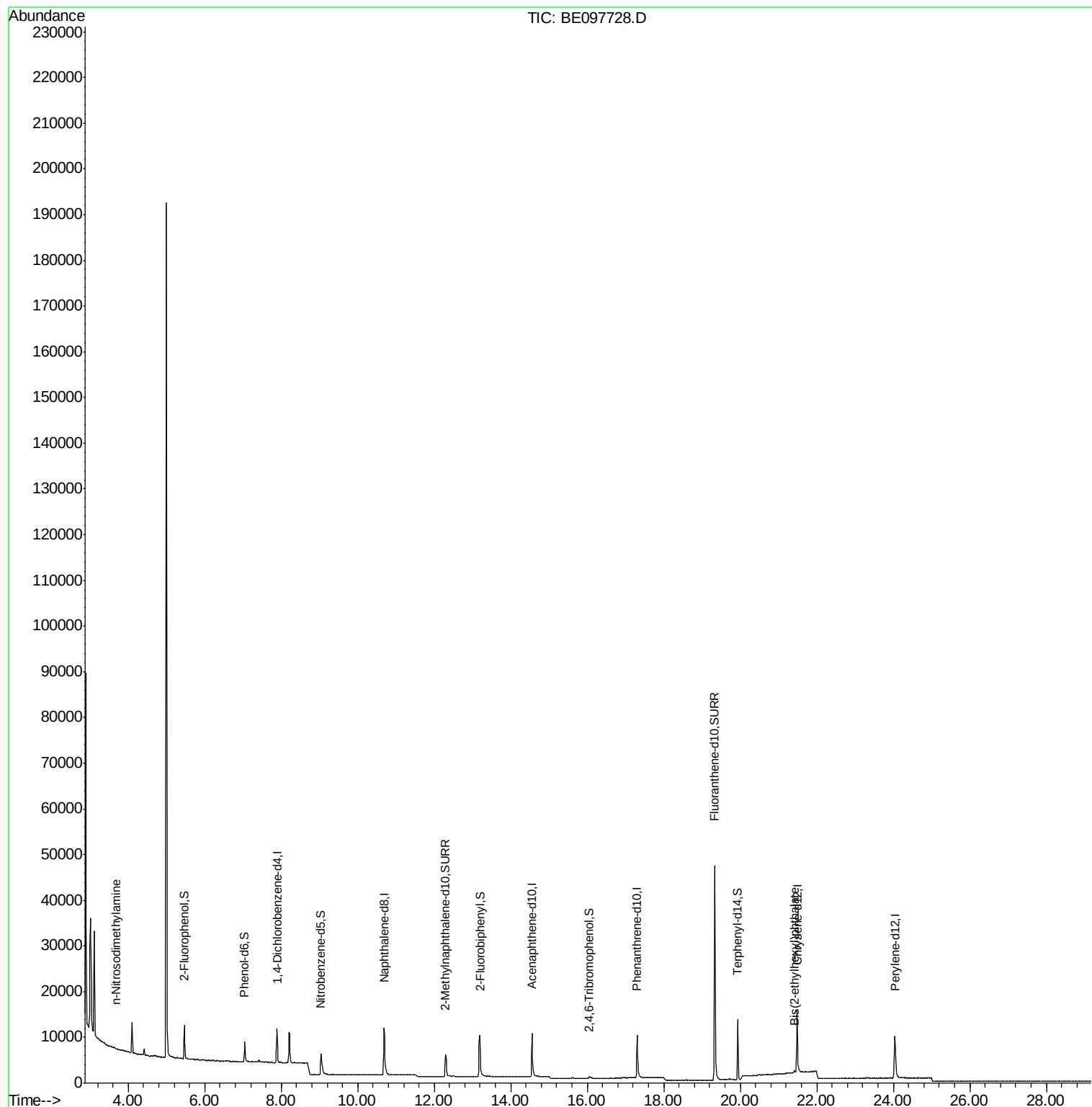
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.68	42	182	0.026	ng	# 14
32) Bis(2-ethylhexyl)phthalate	21.42	149	848	0.027	ng	# 82

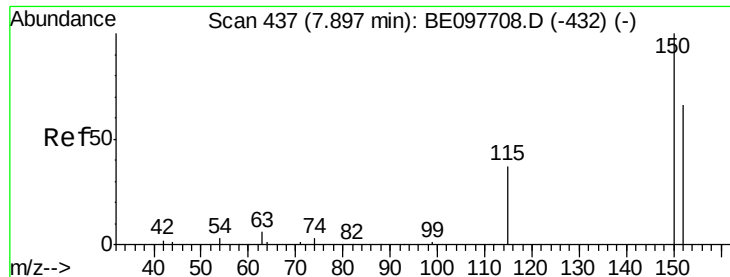
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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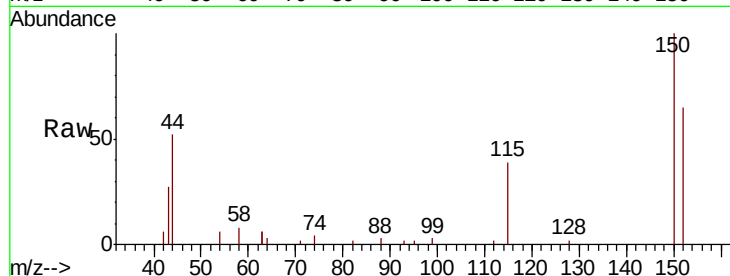


#1

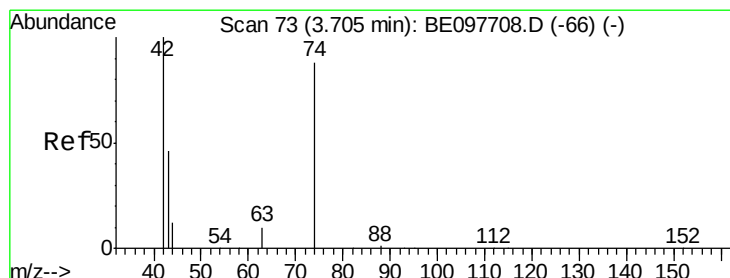
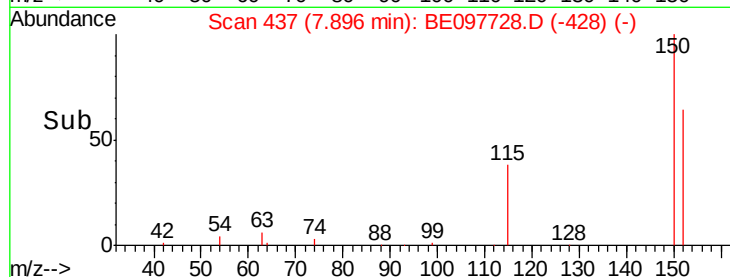
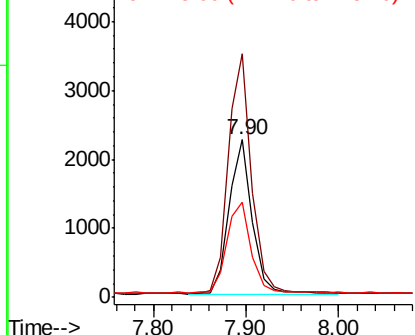
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097728.D
Acq: 4 Oct 2018 16:46

Instrument :
BNA_E
ClientSampleId :
PB113508BL

Tgt Ion:152 Resp: 3879
Ion Ratio Lower Upper
152 100
150 154.7 120.9 181.3
115 60.8 46.6 69.8



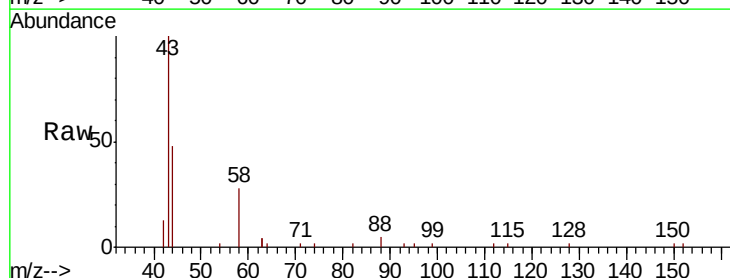
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



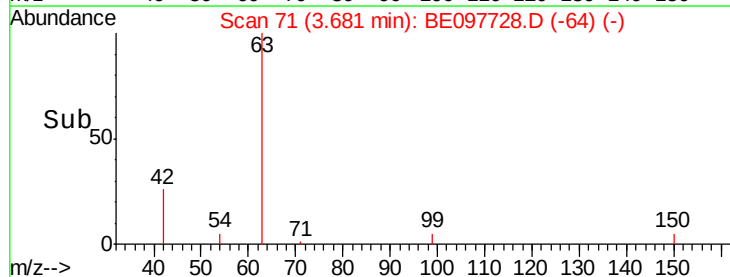
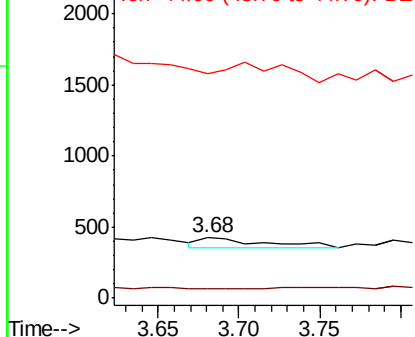
#3

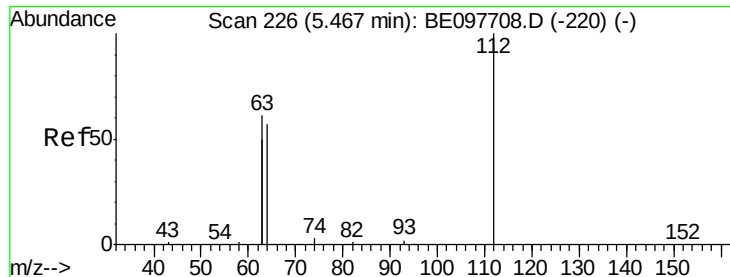
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.02 min
Lab File: BE097728.D
Acq: 4 Oct 2018 16:46

Tgt Ion: 42 Resp: 182
Ion Ratio Lower Upper
42 100
74 0.0 70.7 106.1#
44 0.0 15.0 22.4#



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: 0.402 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

PB113508BL

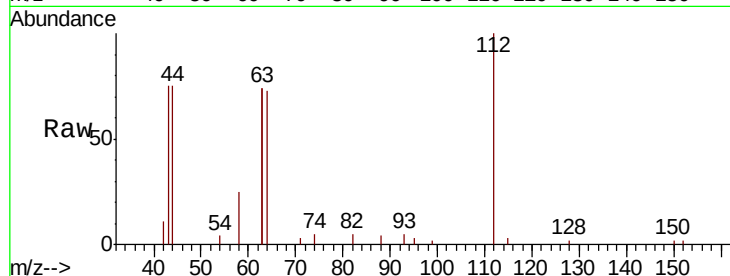
Tgt Ion: 112 Resp: 3686

Ion Ratio Lower Upper

112 100

64 70.2 56.6 84.8

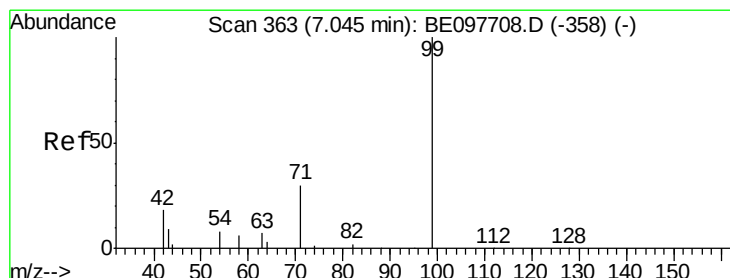
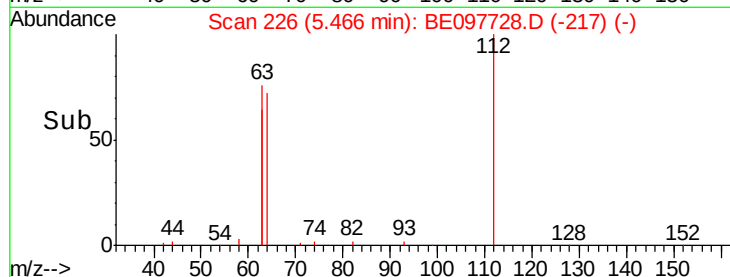
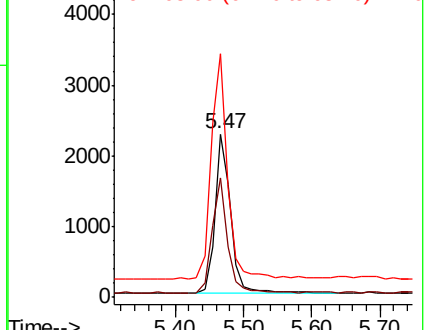
63 145.3 119.4 179.0



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: 0.346 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

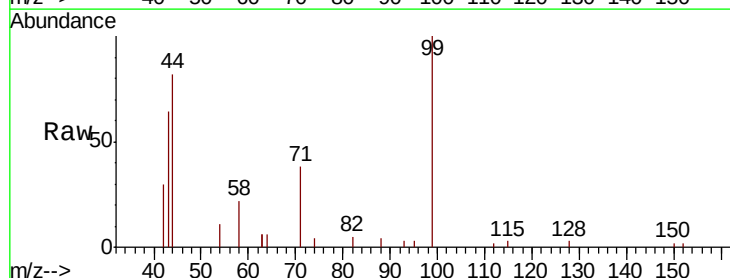
Tgt Ion: 99 Resp: 4860

Ion Ratio Lower Upper

99 100

42 23.3 19.9 29.9

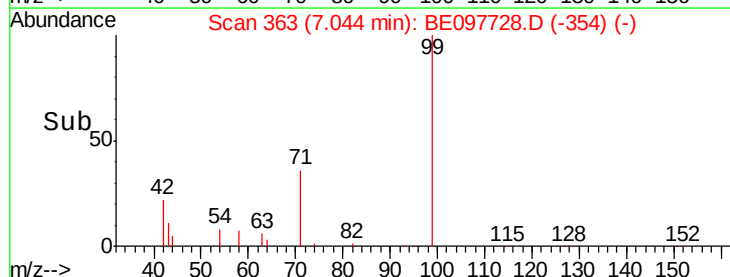
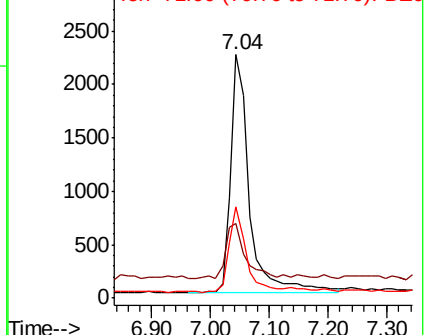
71 32.0 25.4 38.2

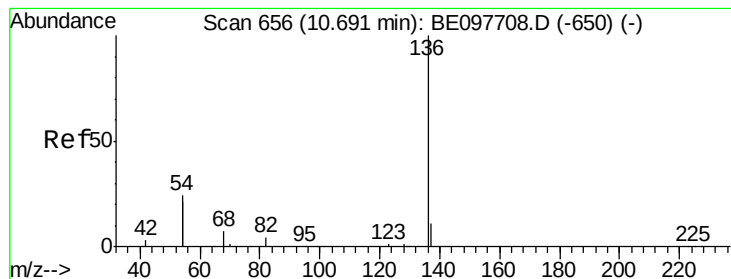


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

PB113508BL

Tgt Ion: 136 Resp: 14293

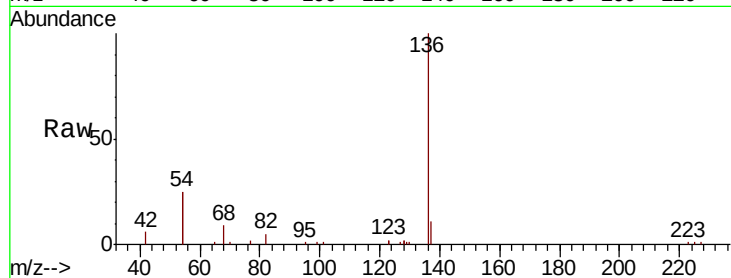
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 50.3 37.8 56.6

68 9.0 6.4 9.6

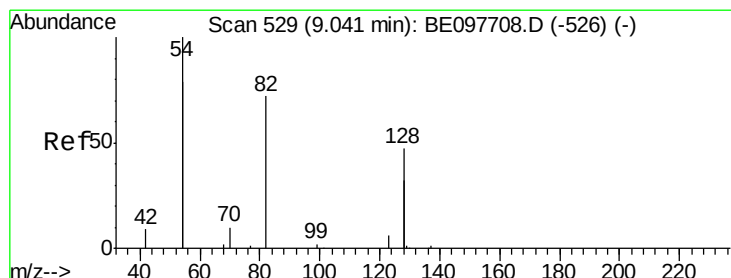
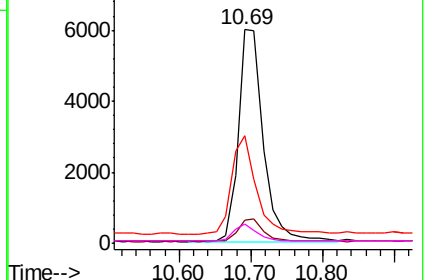
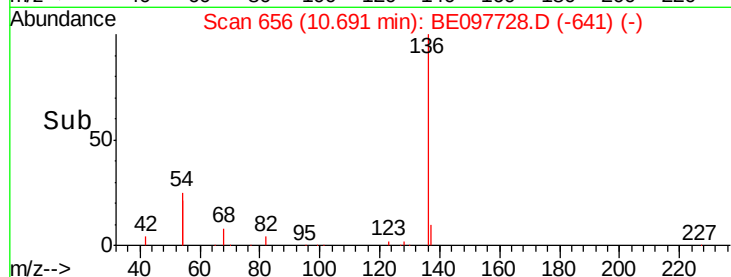


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.584 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

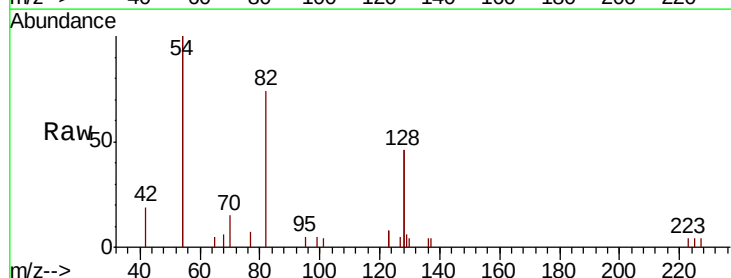
Tgt Ion: 82 Resp: 2709

Ion Ratio Lower Upper

82 100

128 123.1 97.0 145.4

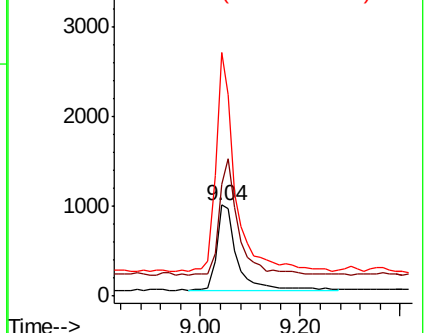
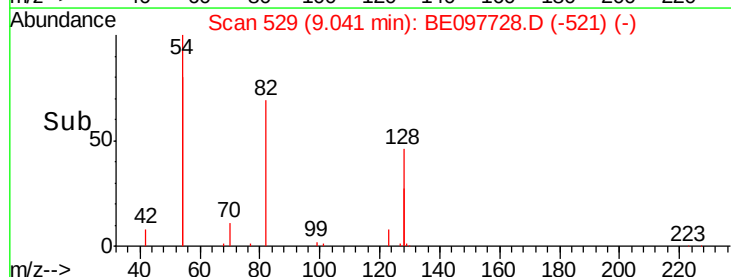
54 268.6 206.9 310.3

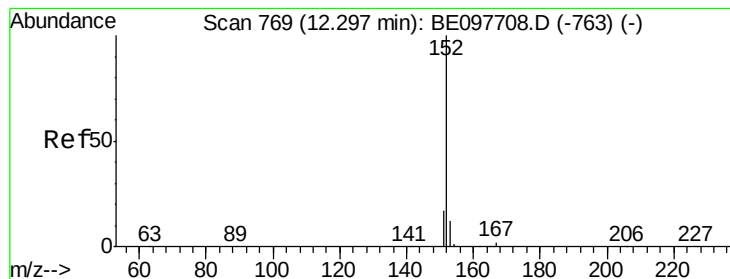


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

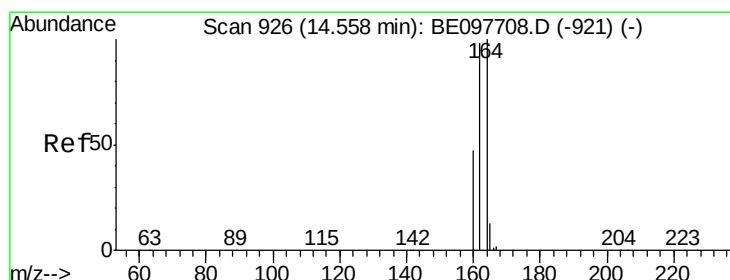
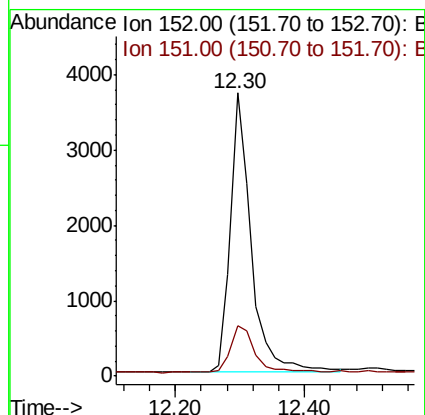
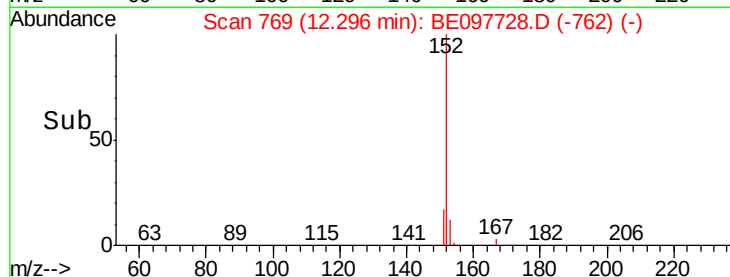
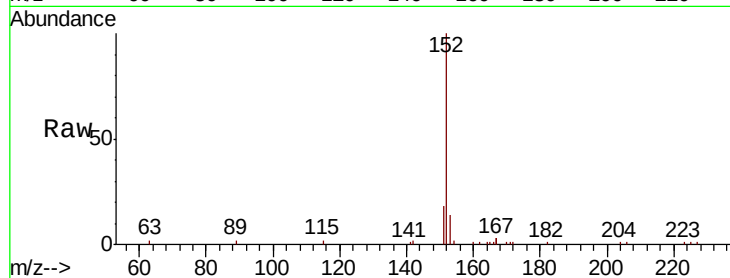
PB113508BL

Tgt Ion:152 Resp: 8248

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

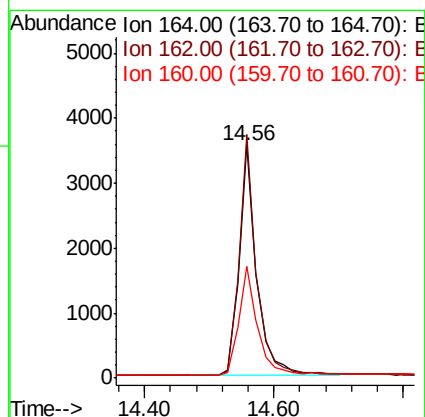
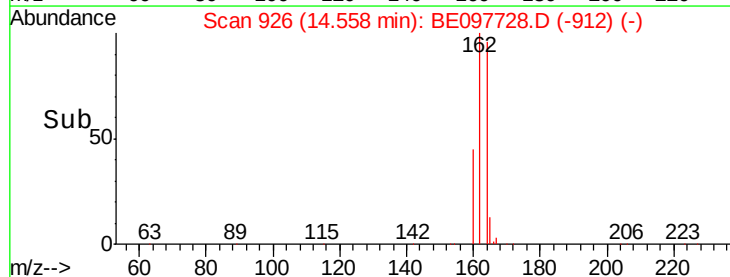
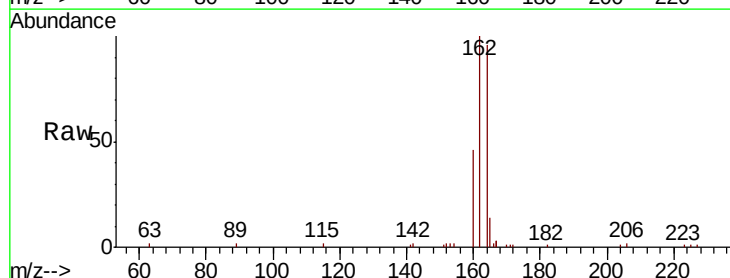
Tgt Ion:164 Resp: 6558

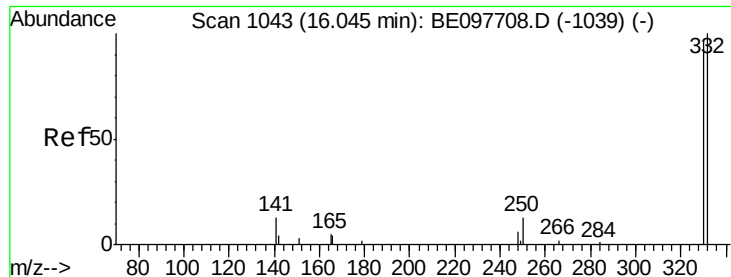
Ion Ratio Lower Upper

164 100

162 104.5 78.6 117.8

160 48.1 37.8 56.6

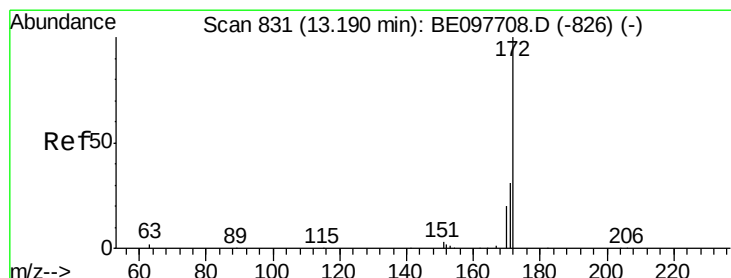
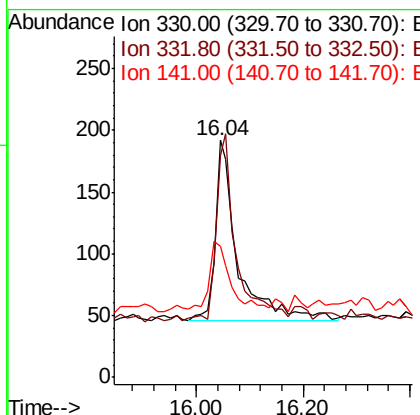
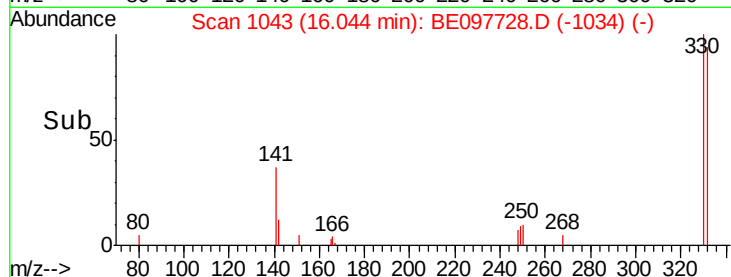
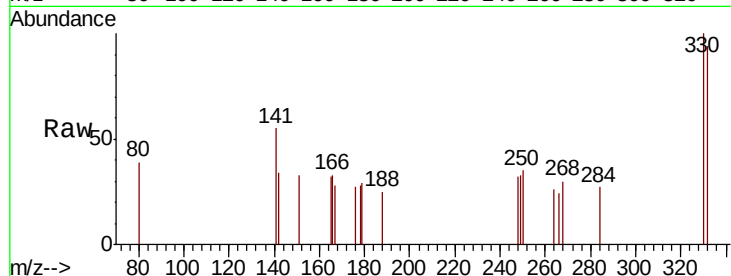




#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

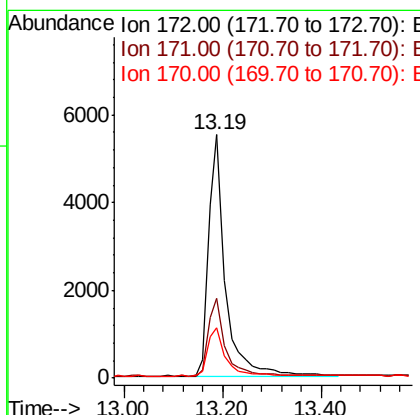
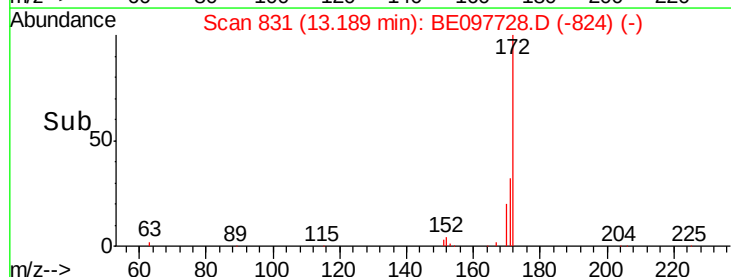
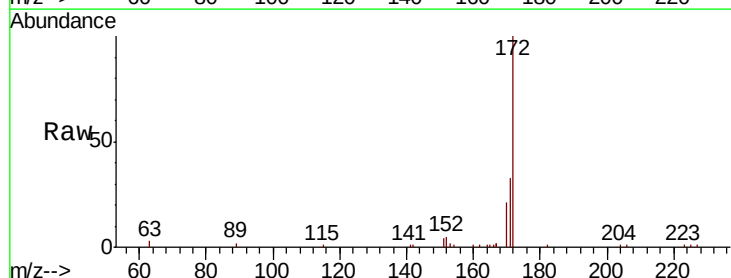
Instrument :
 BNA_E
 ClientSampleId :
 PB113508BL

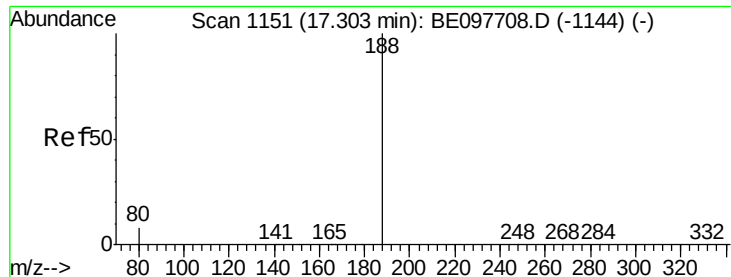
Tgt Ion: 330 Resp: 434
 Ion Ratio Lower Upper
 330 100
 332 90.8 83.5 125.3
 141 0.0 34.9 52.3#



#15
 2-Fluorobiphenyl
 Concen: 0.442 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

Tgt Ion: 172 Resp: 12768
 Ion Ratio Lower Upper
 172 100
 171 32.7 25.2 37.8
 170 20.8 16.2 24.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

PB113508BL

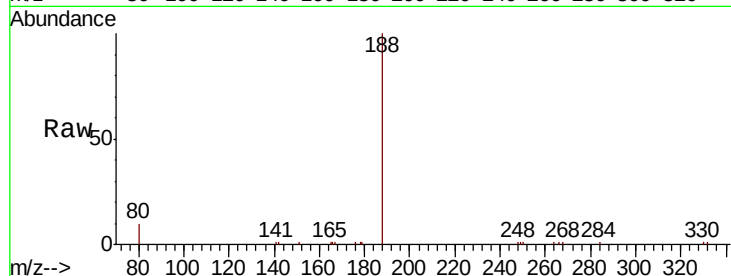
Tgt Ion:188 Resp: 15497

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

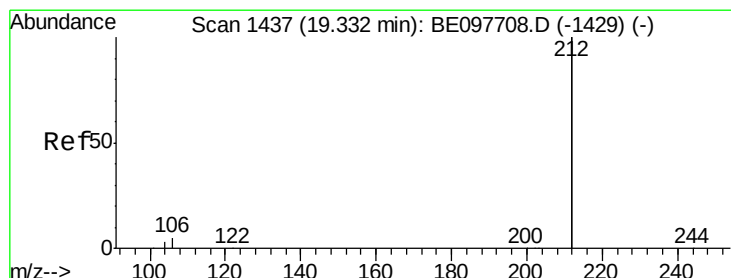
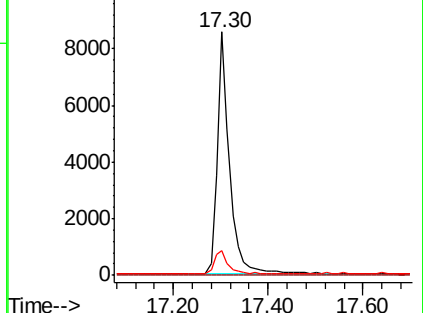
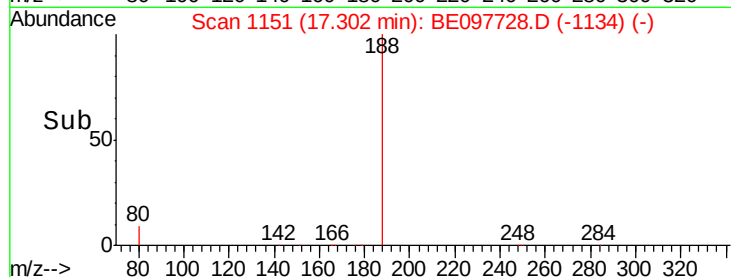
80 9.9 6.6 9.8#



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: 0.362 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

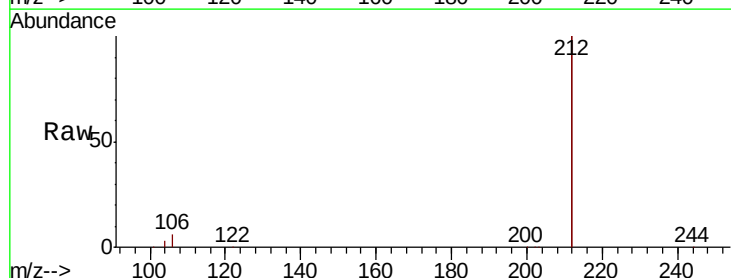
Tgt Ion:212 Resp: 71050

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

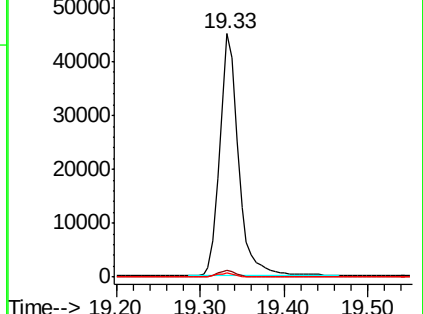
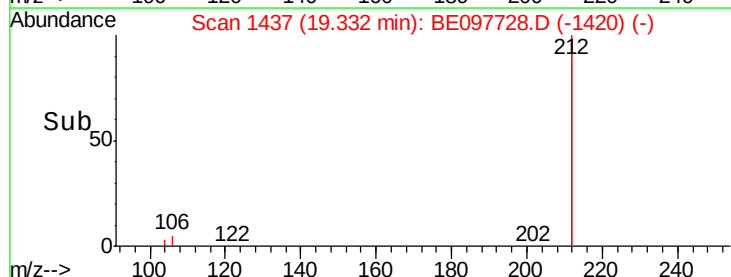
104 1.5 1.2 1.8

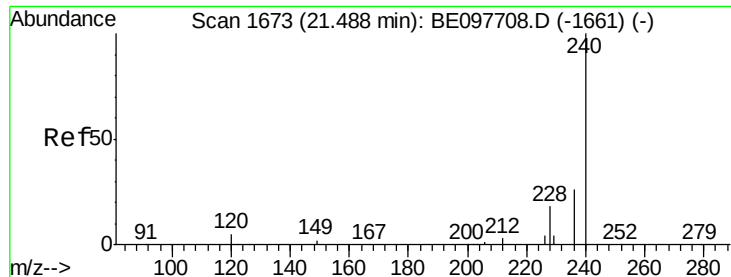


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

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PB113508BL

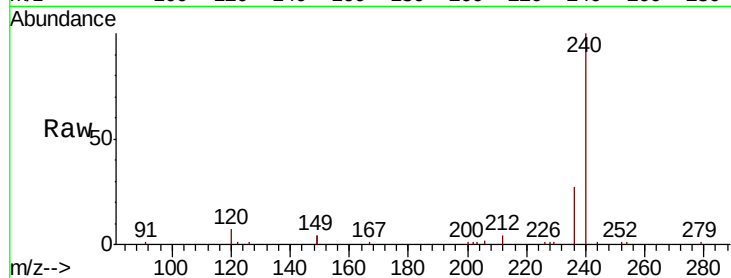
Tgt Ion:240 Resp: 15741

Ion Ratio Lower Upper

240 100

120 7.0 4.7 7.1

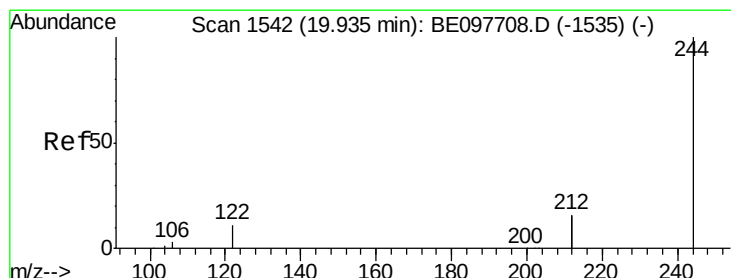
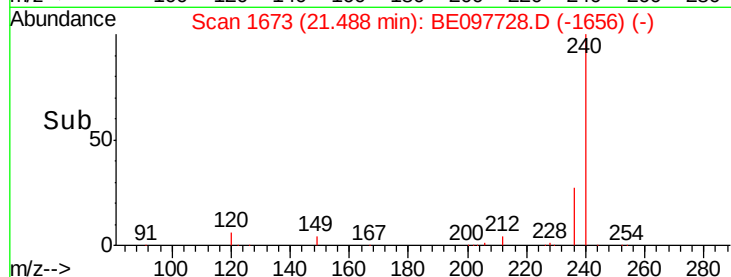
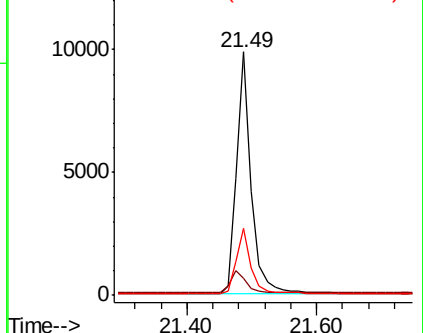
236 27.5 20.8 31.2



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: 0.384 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097728.D

Acq: 4 Oct 2018 16:46

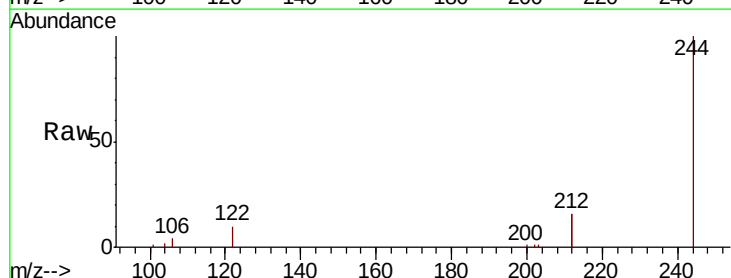
Tgt Ion:244 Resp: 12339

Ion Ratio Lower Upper

244 100

212 32.3 25.8 38.8

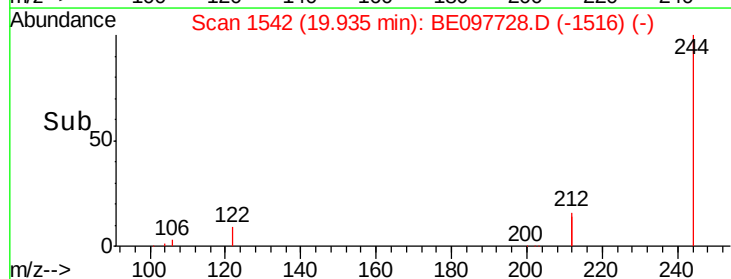
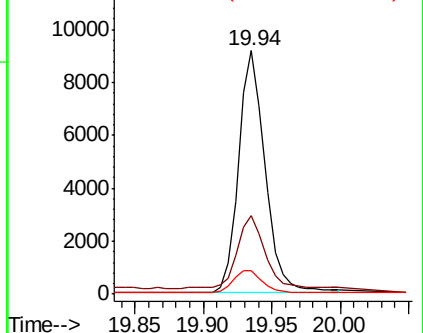
122 9.6 8.7 13.1

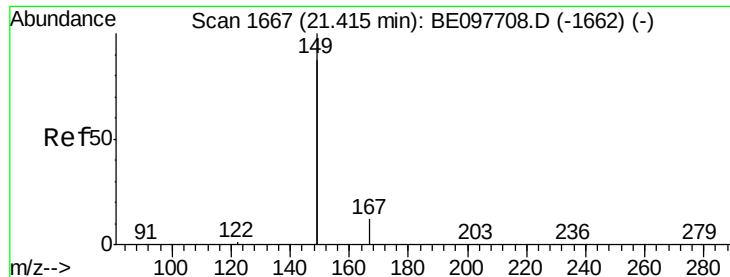


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

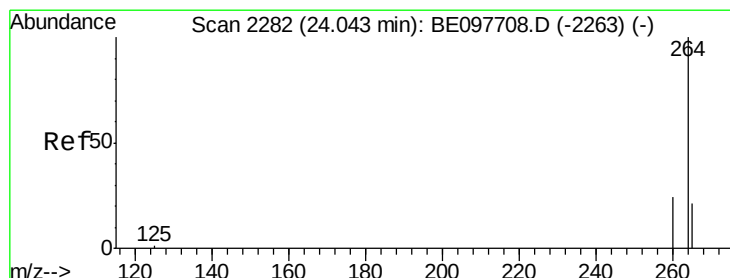
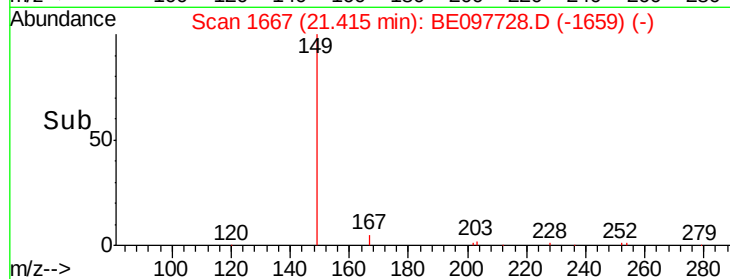
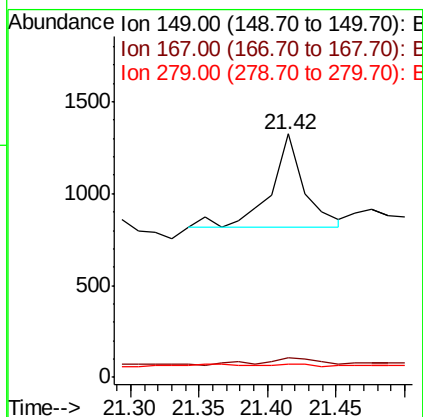
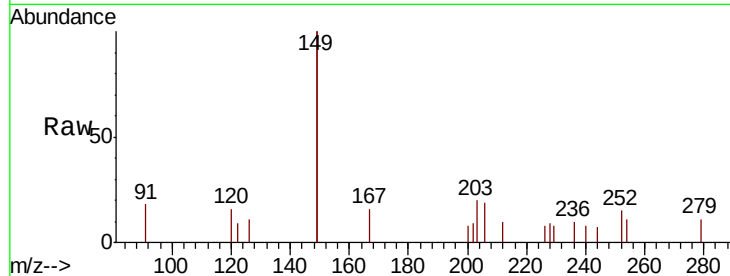




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.027 ng
 RT: 21.42 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

Instrument :
 BNA_E
 ClientSampleId :
 PB113508BL

Tgt Ion:149 Resp: 848
 Ion Ratio Lower Upper
 149 100
 167 14.0 5.5 8.3#
 279 2.4 0.9 1.3#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE097728.D
 Acq: 4 Oct 2018 16:46

Tgt Ion:264 Resp: 16263
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 31.4 21.9 32.9

