

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
 Data File : BE097809.D
 Acq On : 9 Oct 2018 00:51
 Operator : SJ/JU
 Sample : J5284-14DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181003DL

Quant Time: Oct 09 07:00:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

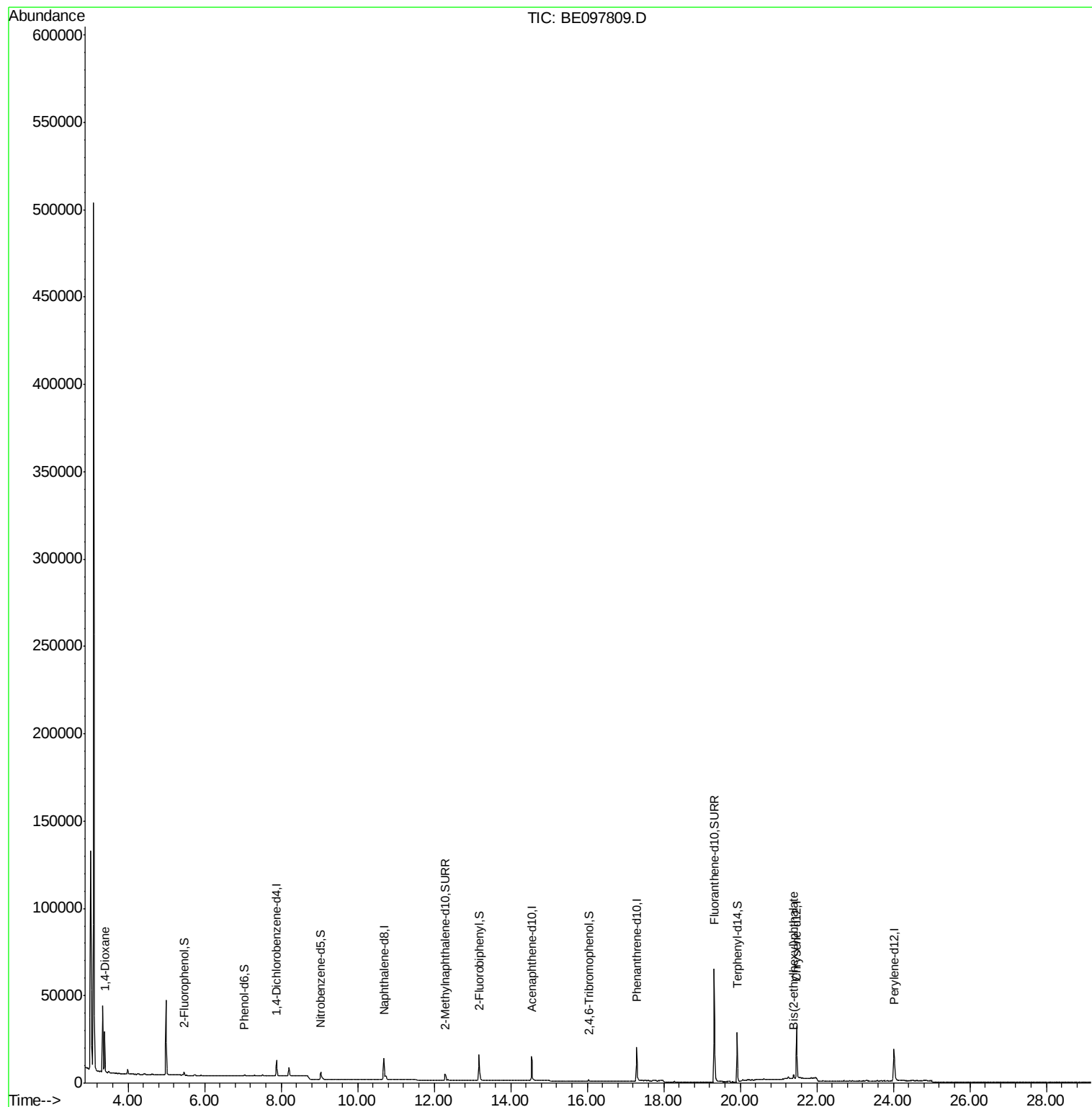
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4176	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	16456	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9777	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	27968	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	31822	0.40	ng	-0.01
34) Perylene-d12	24.02	264	29807	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	963	0.10	ng	-0.01
5) Phenol-d6	7.04	99	862	0.06	ng	0.00
8) Nitrobenzene-d5	9.04	82	2377	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	6528	0.25	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	542	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	15681	0.36	ng	-0.02
25) Fluoranthene-d10	19.32	212	89578	0.25	ng	-0.01
29) Terphenyl-d14	19.92	244	25866	0.40	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	15239	1.831	ng	99
32) Bis(2-ethylhexyl)phthalate	21.39	149	4048	0.065	ng	# 97

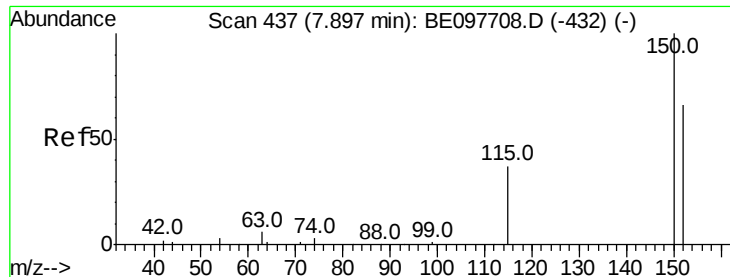
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097809.D

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Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003DL

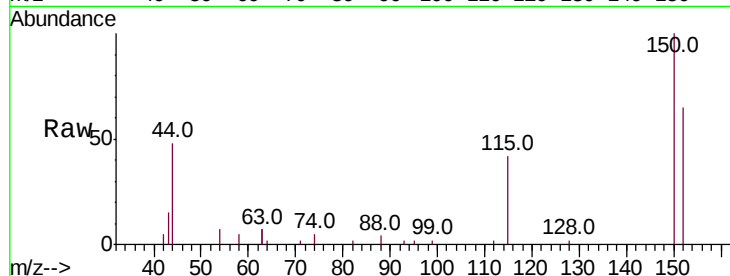
Tot Ion:152 Resp: 4176

Ion Ratio Lower Upper

152 100

150 154.7 120.9 181.3

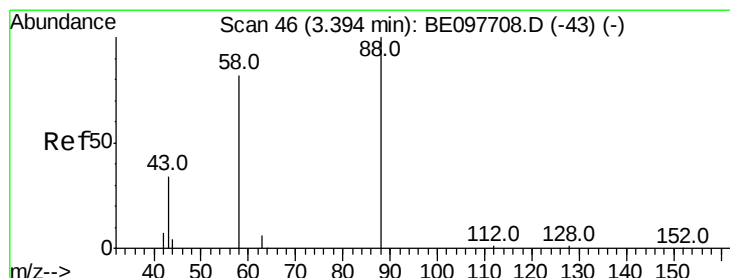
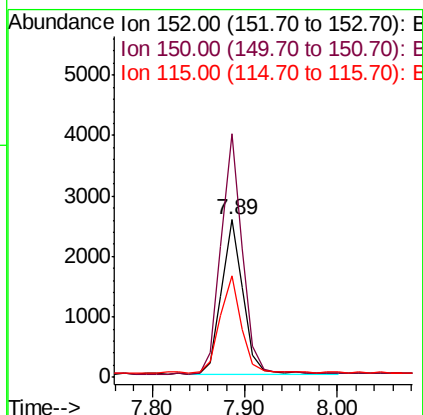
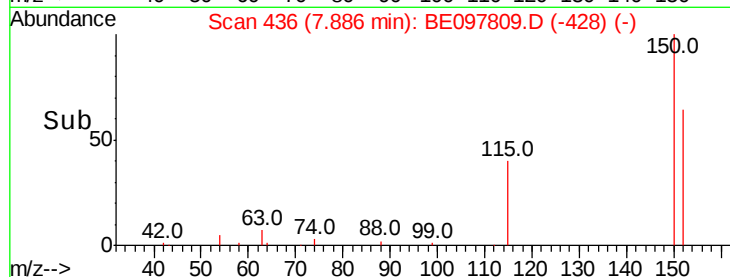
115 64.4 46.6 69.8



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: 1.831 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097809.D

Acq: 9 Oct 2018 00:51

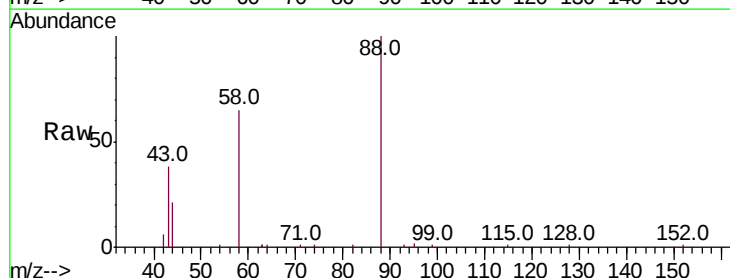
Tgt Ion: 88 Resp: 15239

Ion Ratio Lower Upper

88 100

58 88.9 70.8 106.2

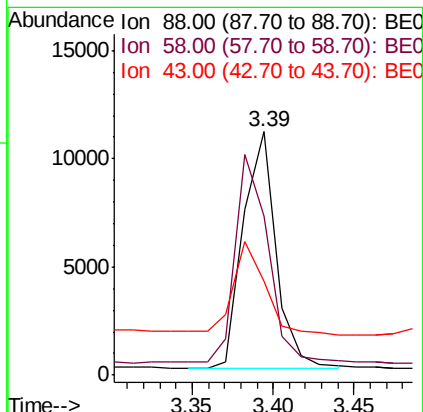
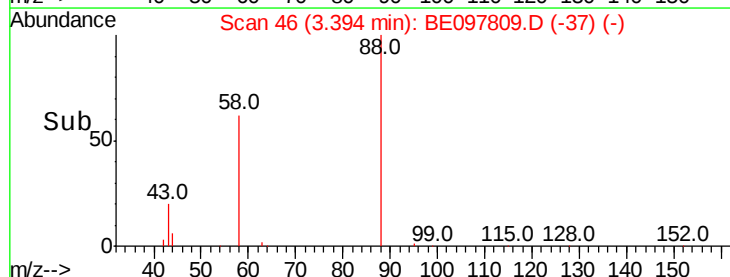
43 39.5 33.3 49.9

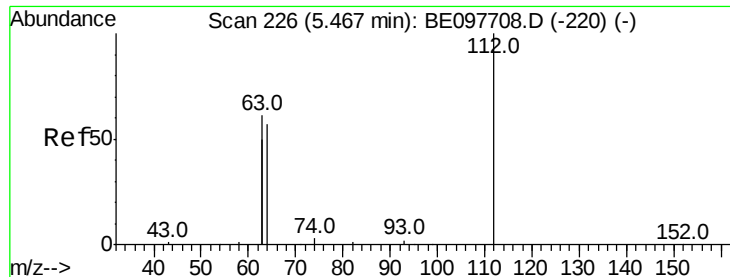


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.097 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097809.D

Acq: 9 Oct 2018 00:51

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003DL

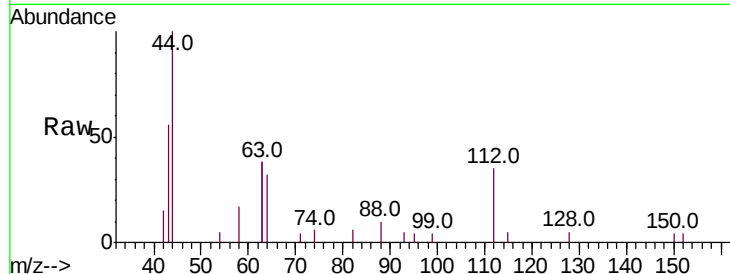
Tot Ion:112 Resp: 963

Ion Ratio Lower Upper

112 100

64 71.9 56.6 84.8

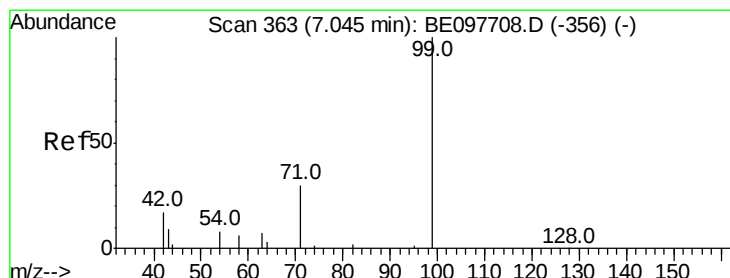
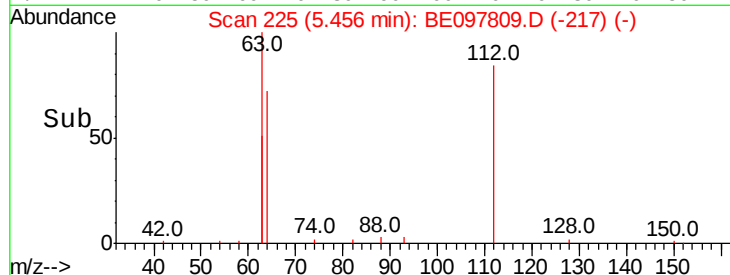
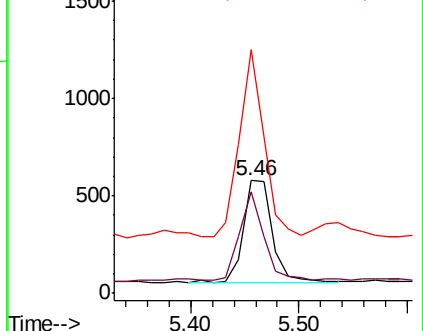
63 158.9 119.4 179.0



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: 0.057 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097809.D

Acq: 9 Oct 2018 00:51

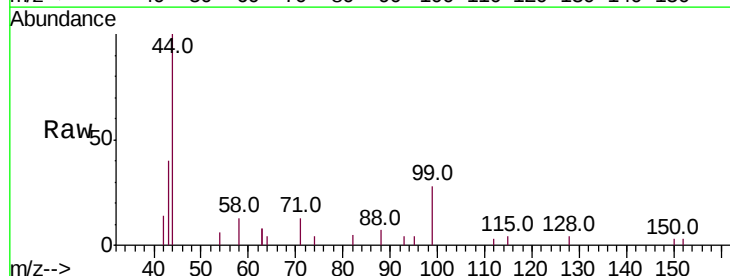
Tgt Ion: 99 Resp: 862

Ion Ratio Lower Upper

99 100

42 27.4 19.9 29.9

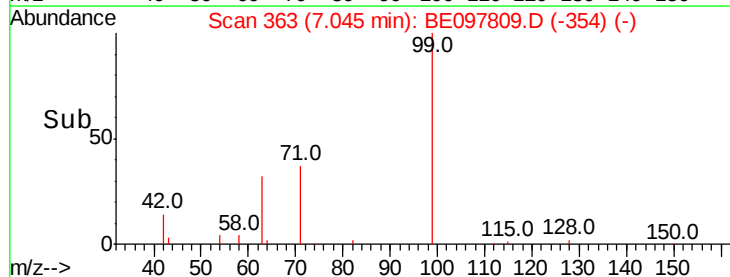
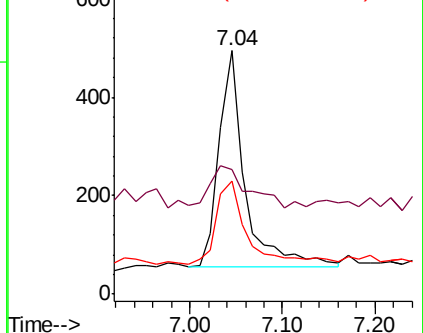
71 44.0 25.4 38.2#

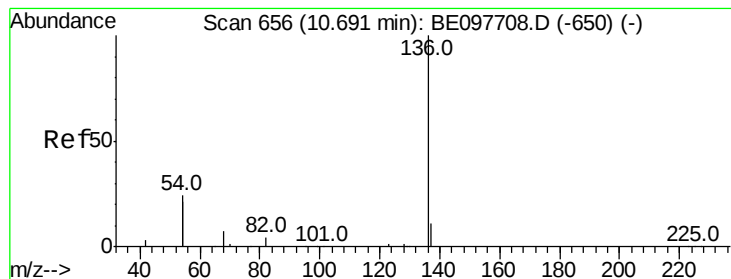


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097809.D

Acq: 9 Oct 2018 00:51

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003DL

Tot Ion:136 Resp: 16456

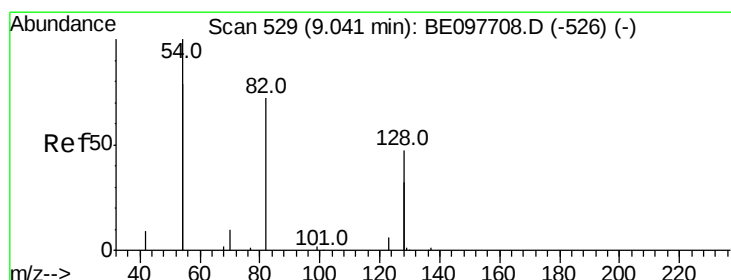
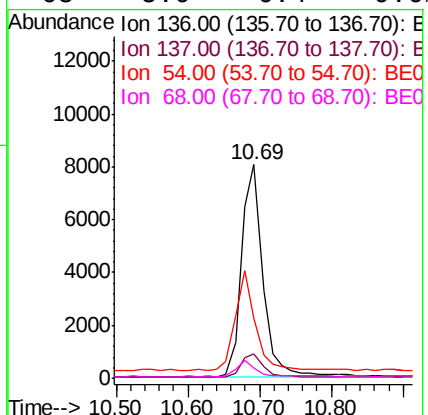
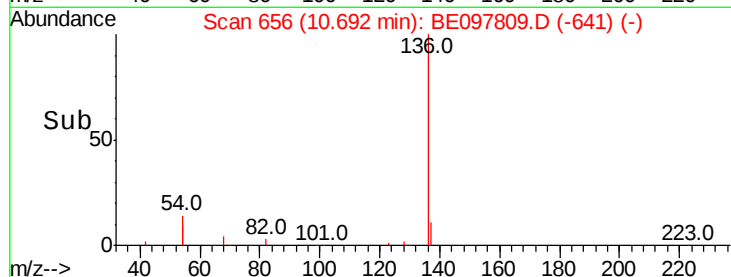
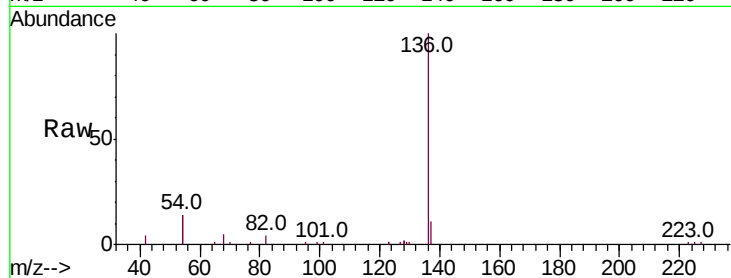
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 28.1 37.8 56.6#

68 5.0 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.445 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097809.D

Acq: 9 Oct 2018 00:51

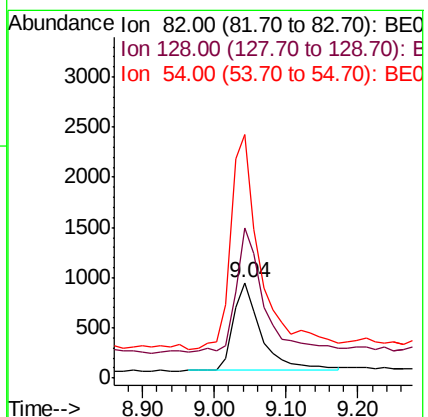
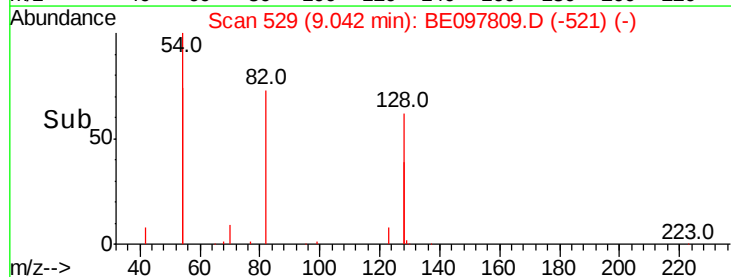
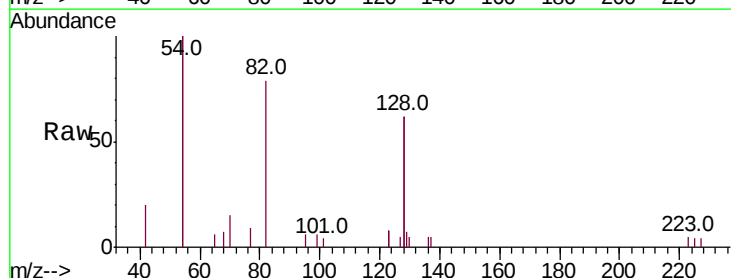
Tgt Ion: 82 Resp: 2377

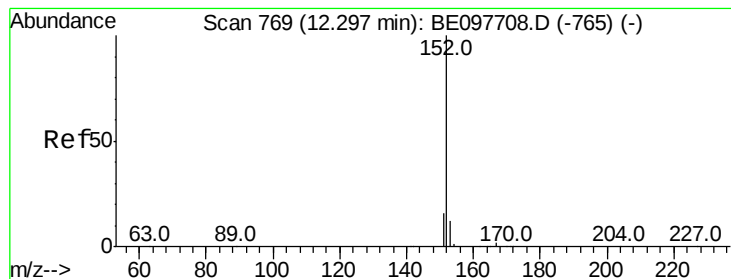
Ion Ratio Lower Upper

82 100

128 157.6 97.0 145.4#

54 254.6 206.9 310.3

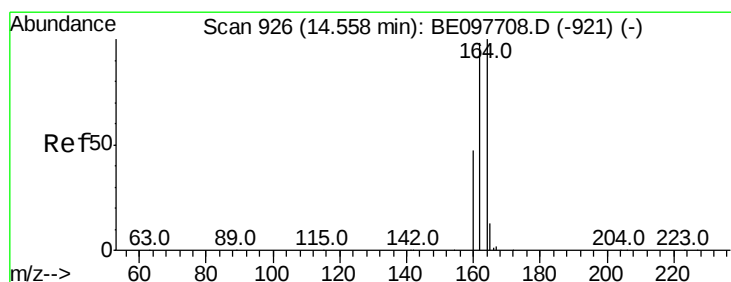
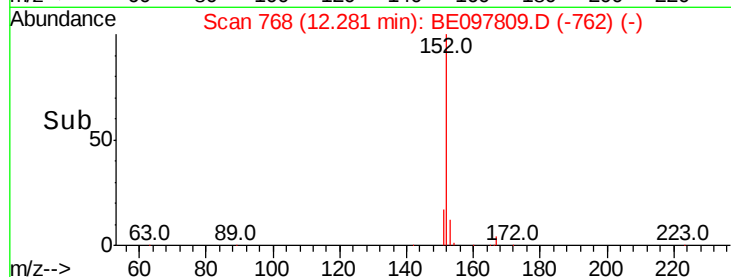
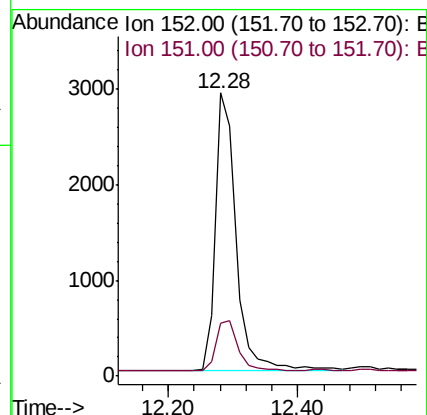
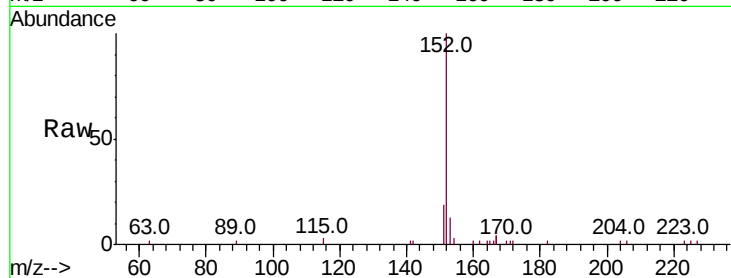




#11
 2-Methylnaphthalene-d10
 Concen: 0.249 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE097809.D
 Acq: 9 Oct 2018 00:51

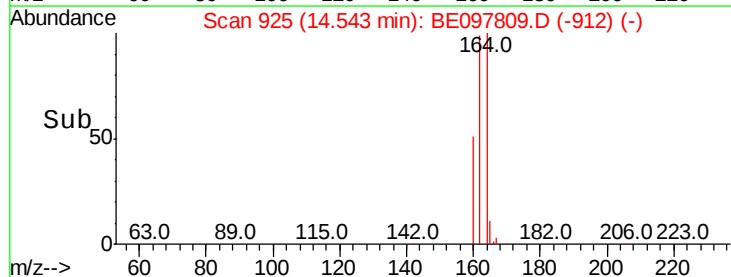
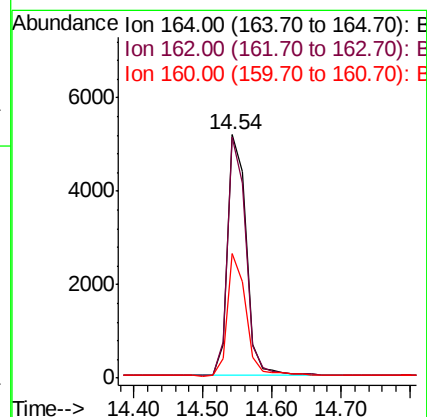
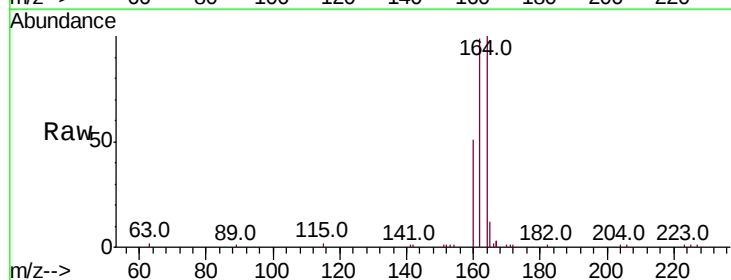
Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181003DL

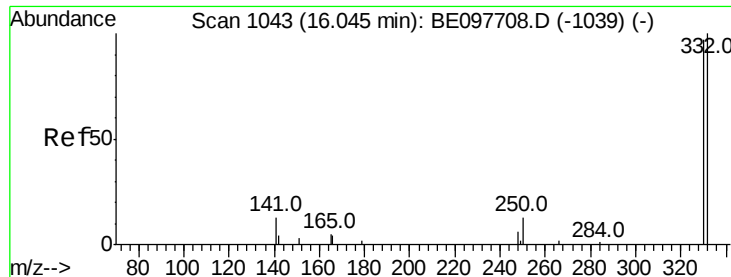
Tot Ion:152 Resp: 6528
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097809.D
 Acq: 9 Oct 2018 00:51

Tgt Ion:164 Resp: 9777
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.6 117.8
 160 51.3 37.8 56.6

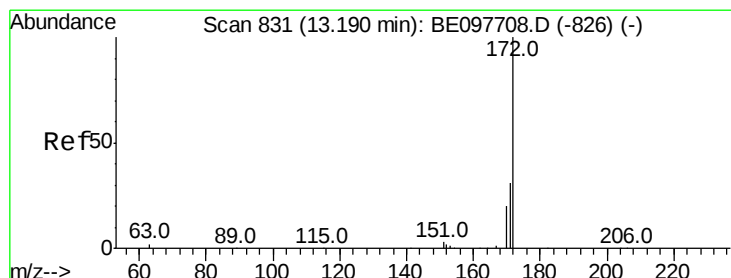
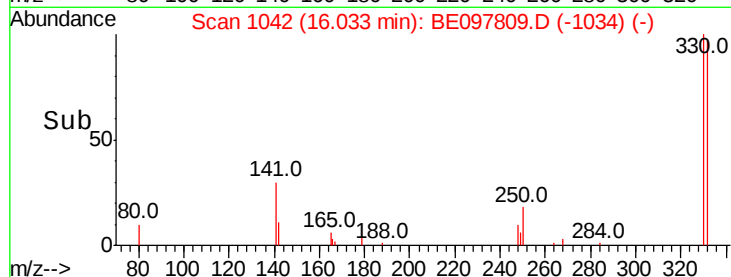
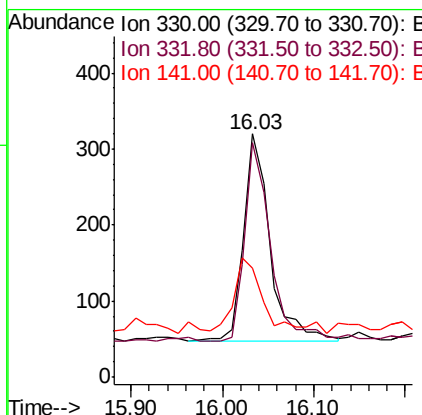
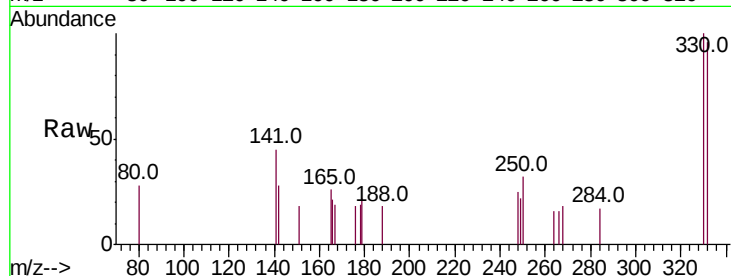




#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097809.D
Acq: 9 Oct 2018 00:51

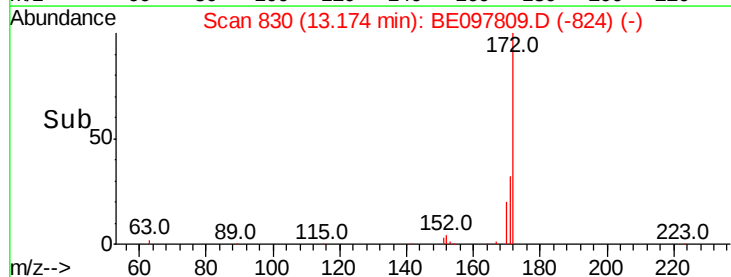
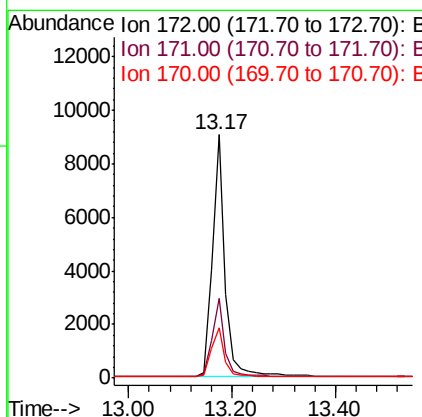
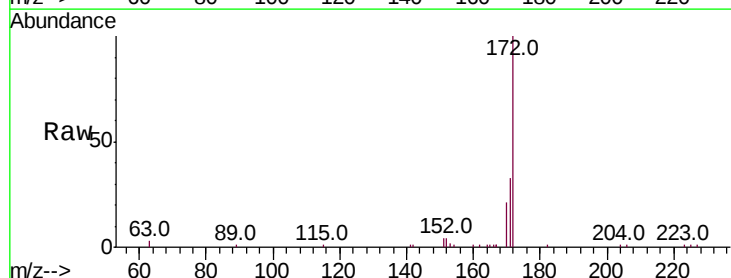
Instrument :
BNA_E
ClientSampleId :
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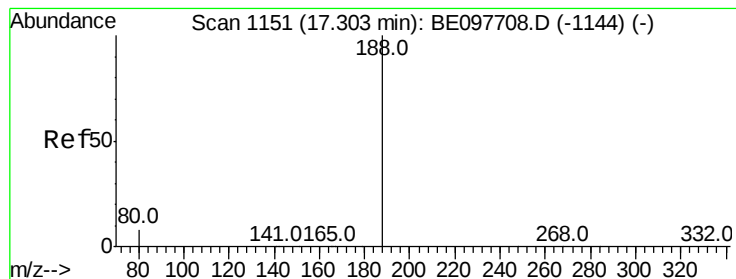
Tot Ion:330 Resp: 542
Ion Ratio Lower Upper
330 100
332 95.9 83.5 125.3
141 37.3 34.9 52.3



#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097809.D
Acq: 9 Oct 2018 00:51

Tgt Ion:172 Resp: 15681
Ion Ratio Lower Upper
172 100
171 32.8 25.2 37.8
170 20.7 16.2 24.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097809.D

Acq: 9 Oct 2018 00:51

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181003DL

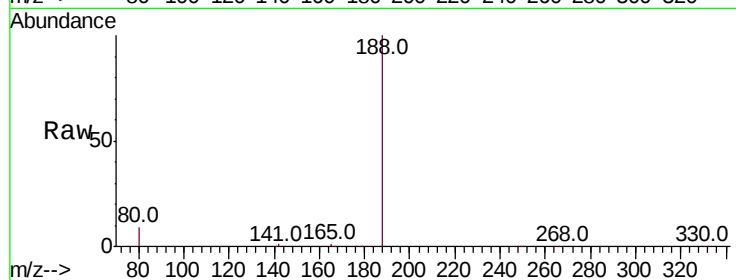
Tot Ion:188 Resp: 27968

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

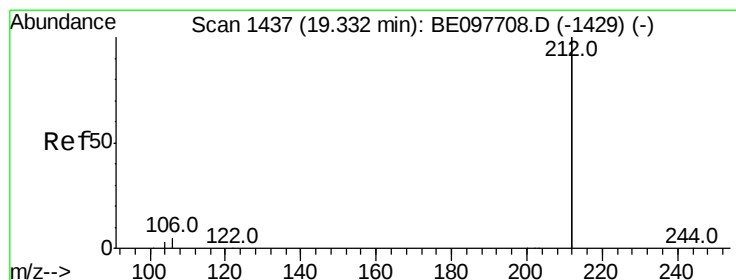
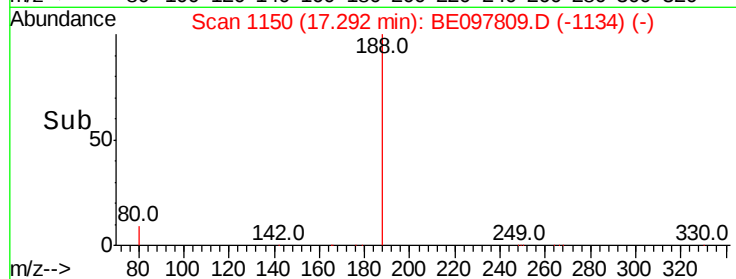
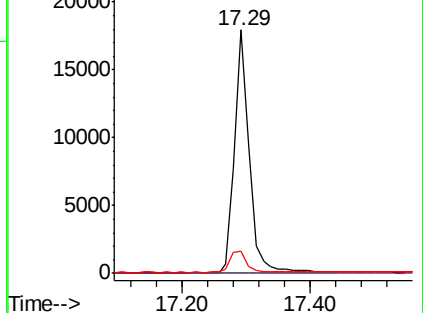
80 9.1 6.6 9.8



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: 0.253 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097809.D

Acq: 9 Oct 2018 00:51

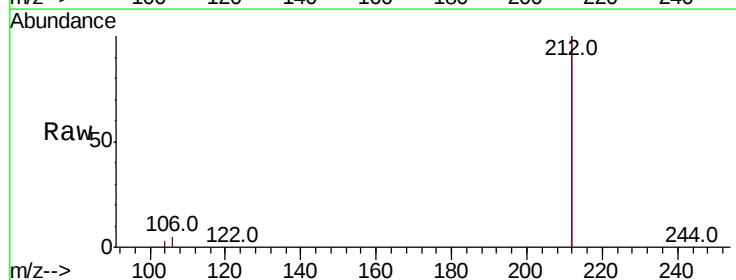
Tgt Ion:212 Resp: 89578

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

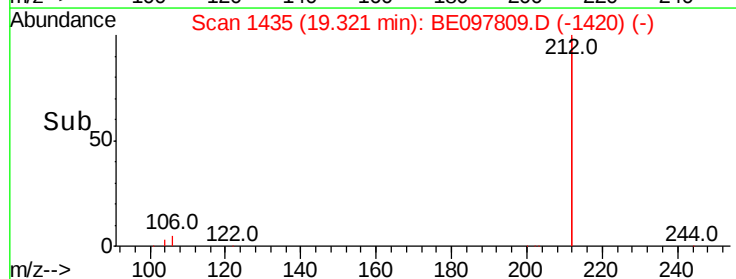
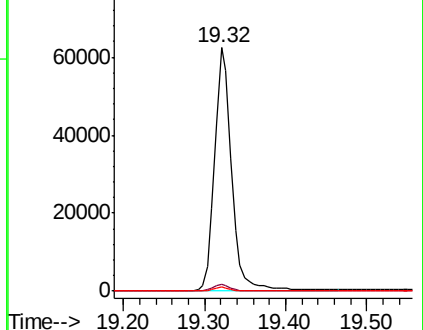
104 1.4 1.2 1.8

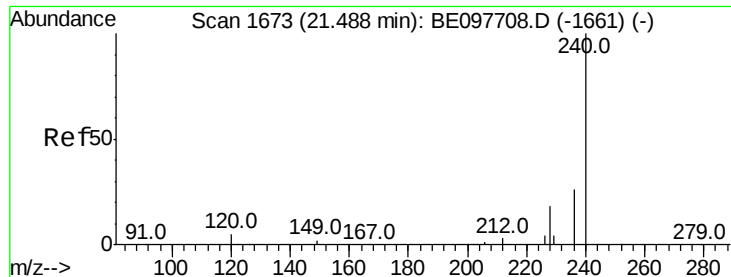


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

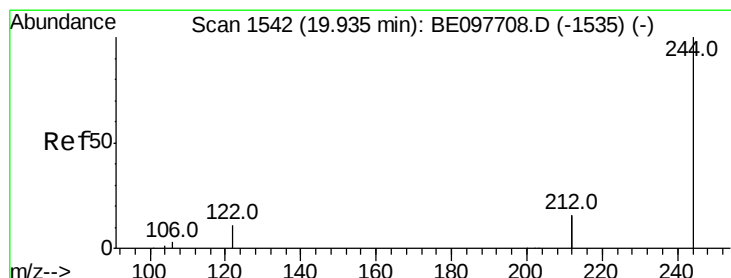
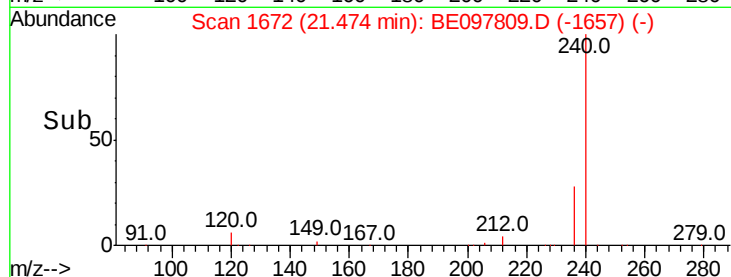
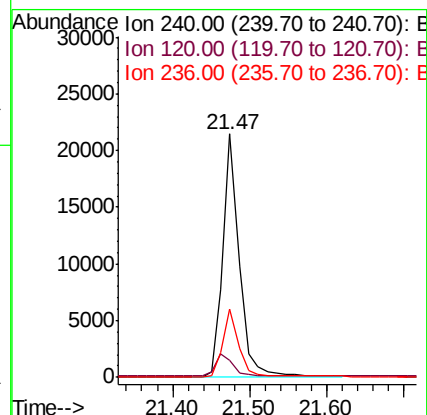
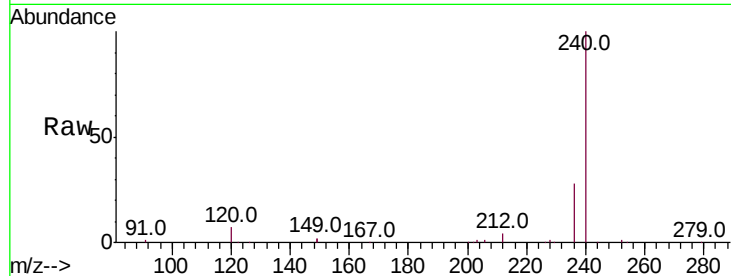




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097809.D
Acq: 9 Oct 2018 00:51

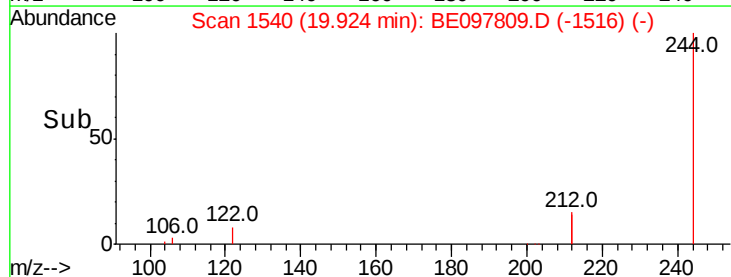
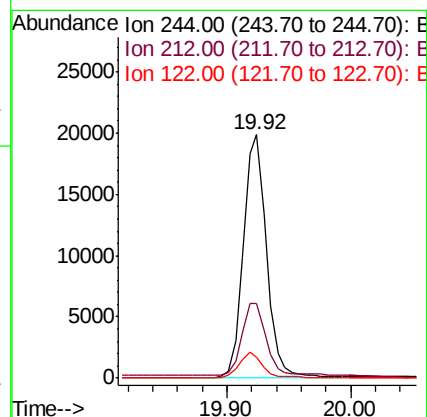
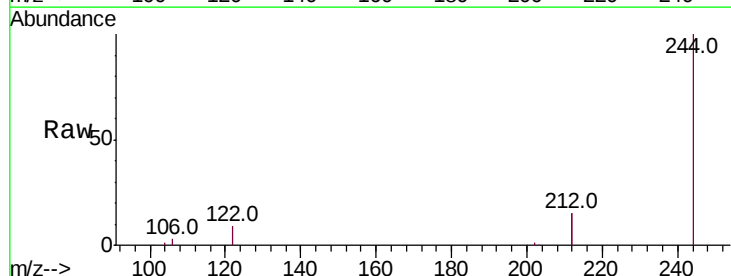
Instrument :
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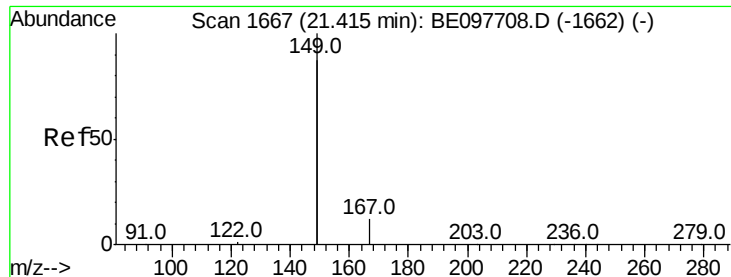
Tot Ion:240 Resp: 31822
Ion Ratio Lower Upper
240 100
120 6.9 4.7 7.1
236 27.9 20.8 31.2



#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097809.D
Acq: 9 Oct 2018 00:51

Tgt Ion:244 Resp: 25866
Ion Ratio Lower Upper
244 100
212 30.9 25.8 38.8
122 8.6 8.7 13.1#

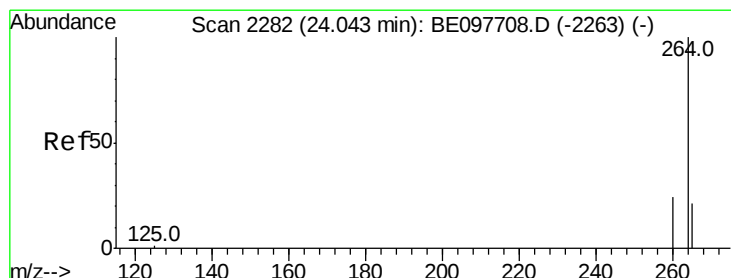
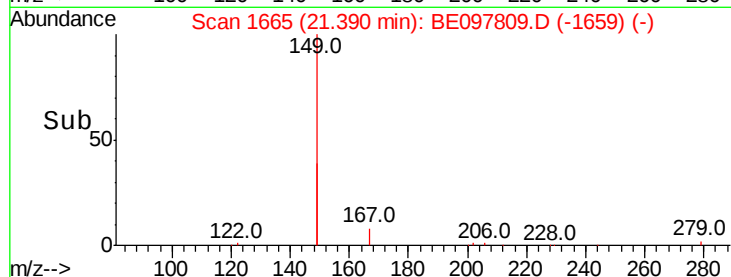
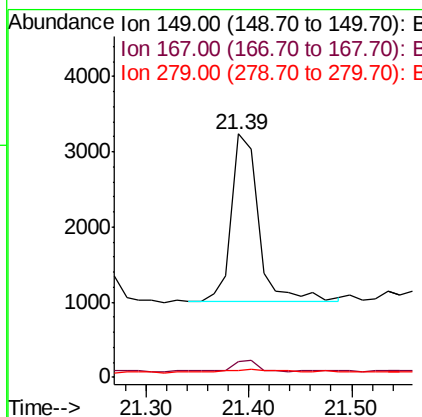
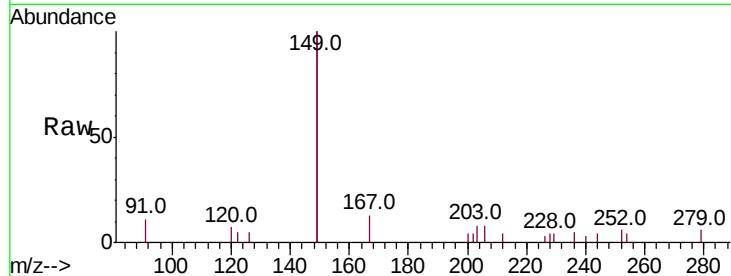




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.39 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BE097809.D
 Acq: 9 Oct 2018 00:51

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181003DL

Tot Ion:149 Resp: 4048
 Ion Ratio Lower Upper
 149 100
 167 5.8 5.5 8.3
 279 2.5 0.9 1.3#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BE097809.D
 Acq: 9 Oct 2018 00:51

Tgt Ion:264 Resp: 29807
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 26.3 21.9 32.9

