

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
 Data File : BE097806.D
 Acq On : 8 Oct 2018 23:00
 Operator : SJ/JU
 Sample : J5284-12DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003DL

Quant Time: Oct 09 06:59:43 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

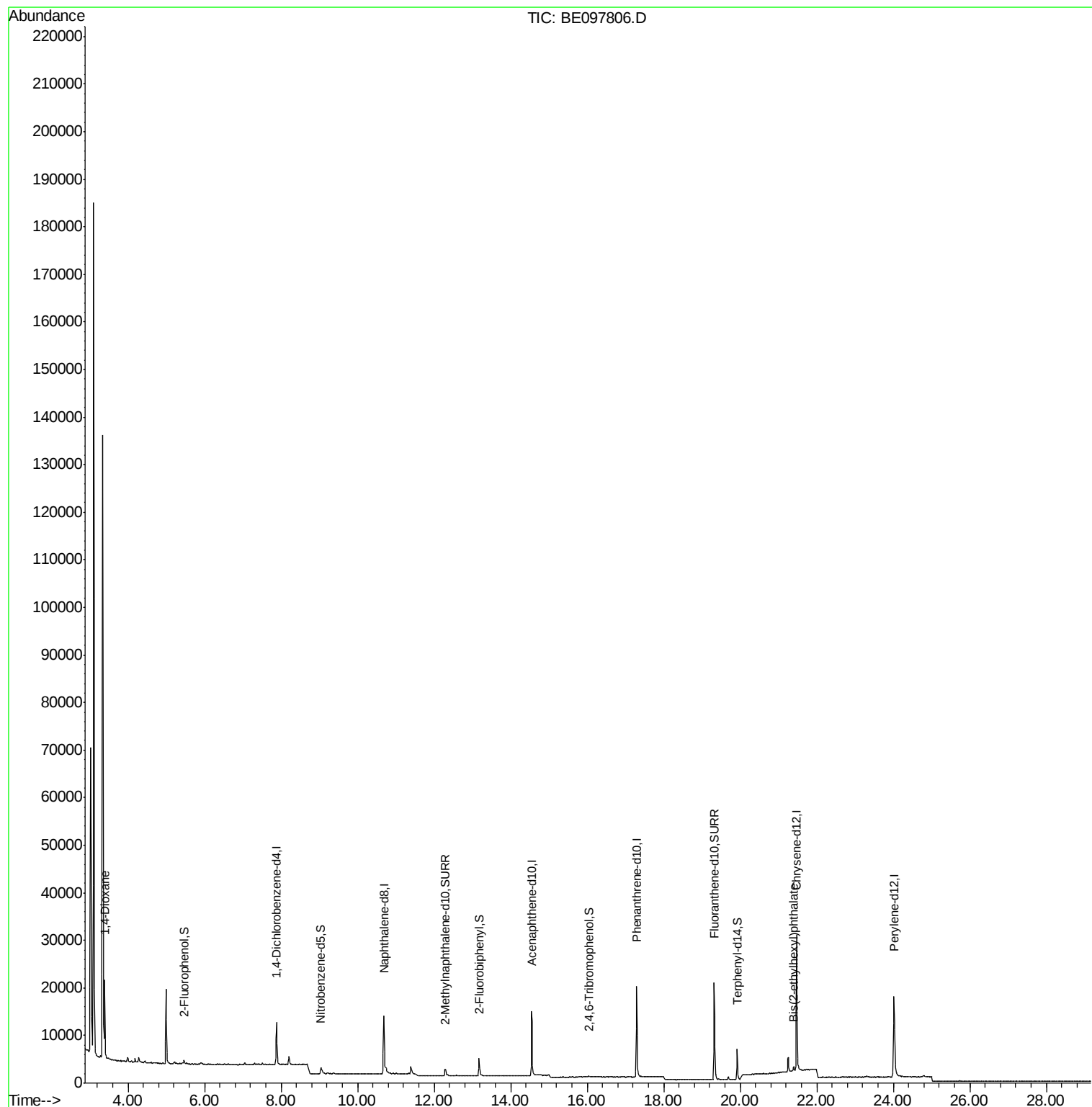
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4009	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	16813	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9906	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	27737	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	30468	0.40	ng	-0.01
34) Perylene-d12	24.02	264	27719	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	393	0.04	ng	0.00
5) Phenol-d6	7.04	99	260	0.02	ng	0.00
8) Nitrobenzene-d5	9.04	82	756	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2471	0.09	ng	-0.02
14) 2,4,6-Tribromophenol	16.05	330	166	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4129	0.09	ng	-0.02
25) Fluoranthene-d10	19.32	212	30944	0.09	ng	-0.01
29) Terphenyl-d14	19.92	244	5880	0.09	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	10931	1.368	ng	97
32) Bis(2-ethylhexyl)phthalate	21.40	149	1568	0.026	ng	98

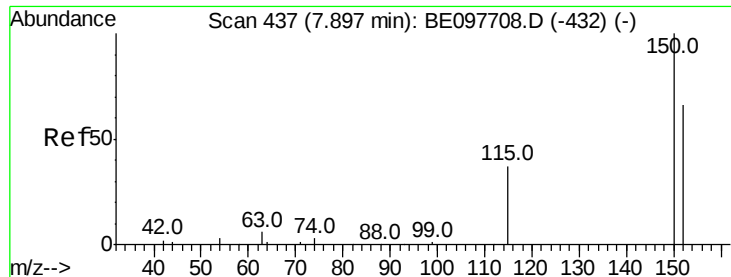
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097806.D

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ClientSampleId :

RE-103D1-20181003DL

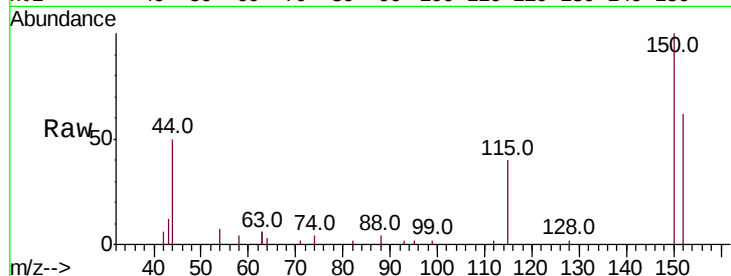
Tot Ion:152 Resp: 4009

Ion Ratio Lower Upper

152 100

150 162.2 120.9 181.3

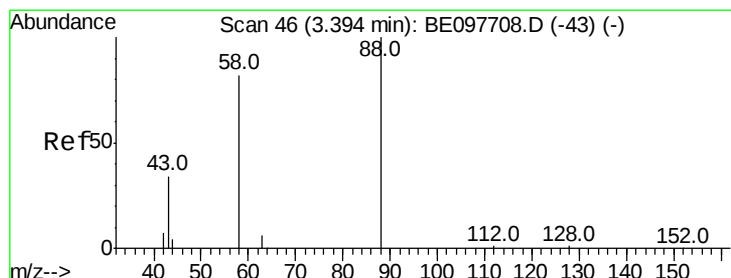
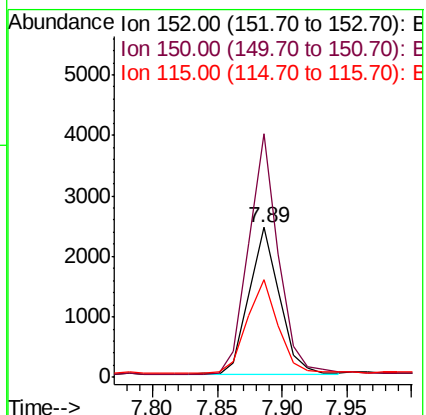
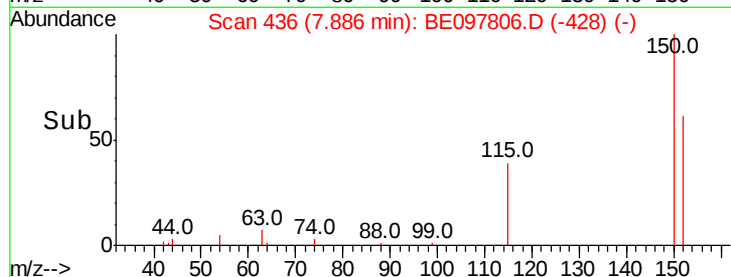
115 64.9 46.6 69.8



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: 1.368 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

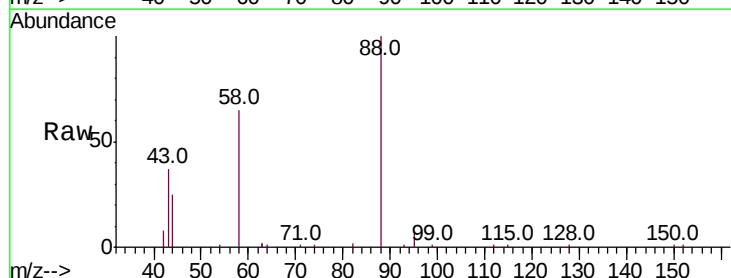
Tgt Ion: 88 Resp: 10931

Ion Ratio Lower Upper

88 100

58 85.3 70.8 106.2

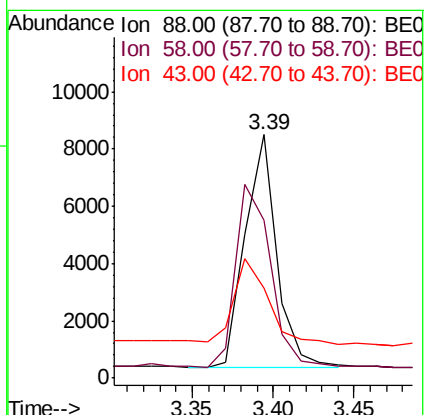
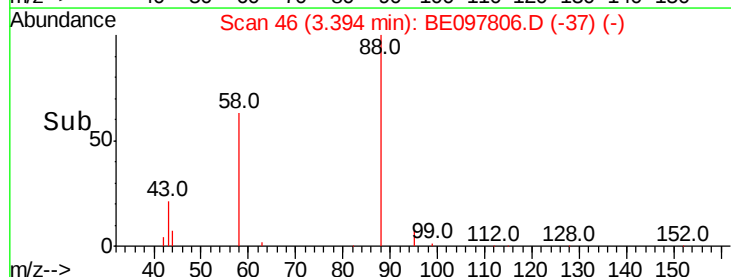
43 40.2 33.3 49.9

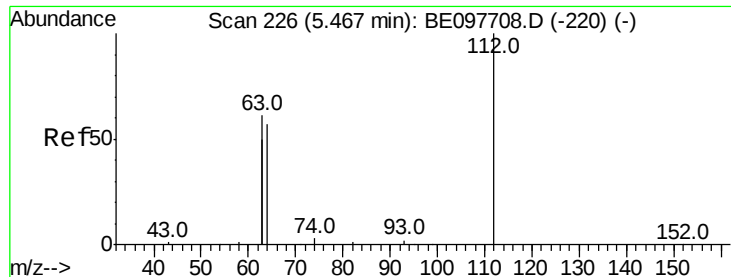


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.041 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

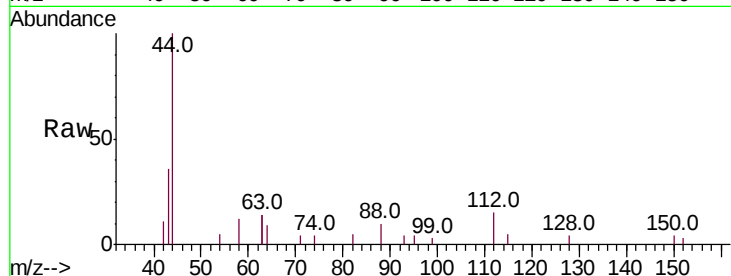
Tot Ion:112 Resp: 393

Ion Ratio Lower Upper

112 100

64 64.1 56.6 84.8

63 160.8 119.4 179.0



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

800

600

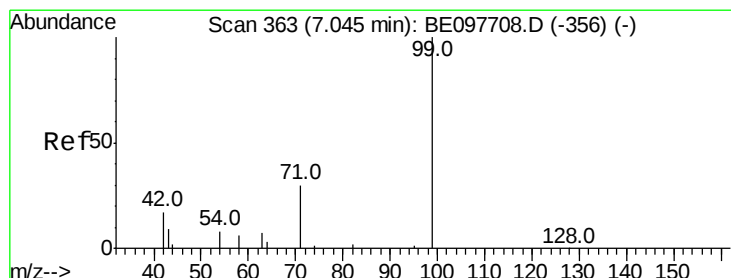
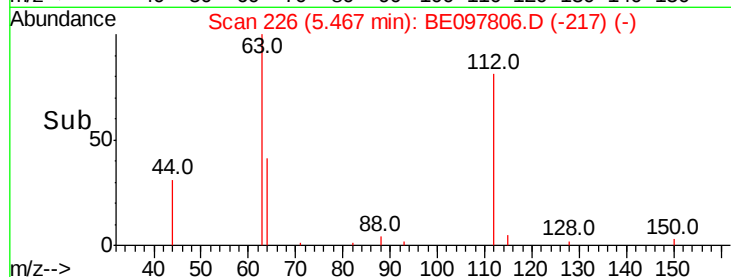
400

200

0

5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

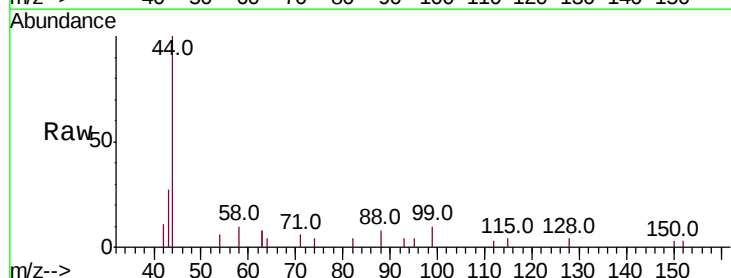
Tgt Ion: 99 Resp: 260

Ion Ratio Lower Upper

99 100

42 58.1 19.9 29.9#

71 55.0 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

250

200

150

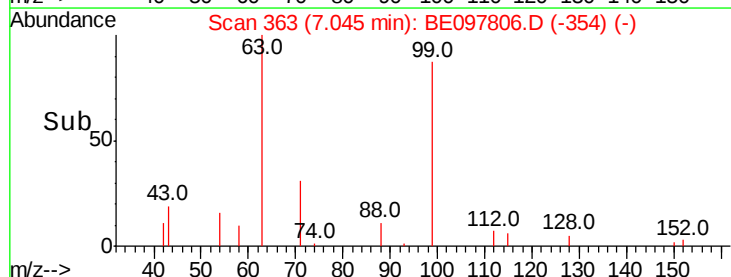
100

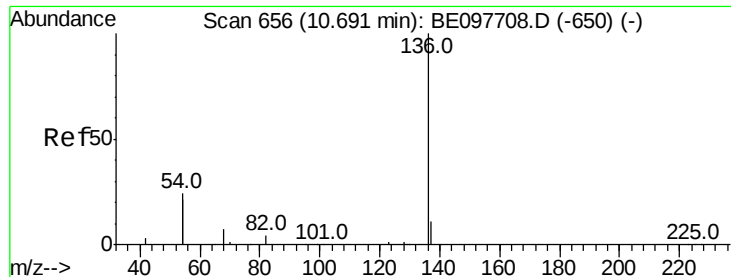
50

0

7.00 7.05 7.10 7.15

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

Tot Ion:136 Resp: 16813

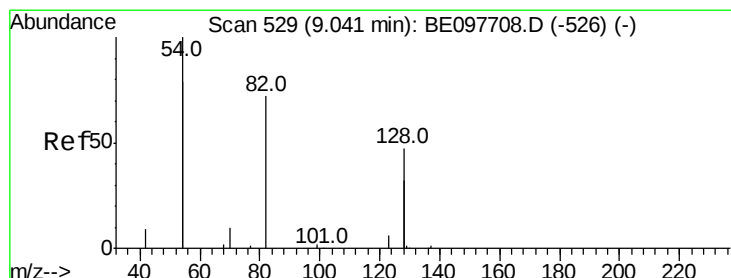
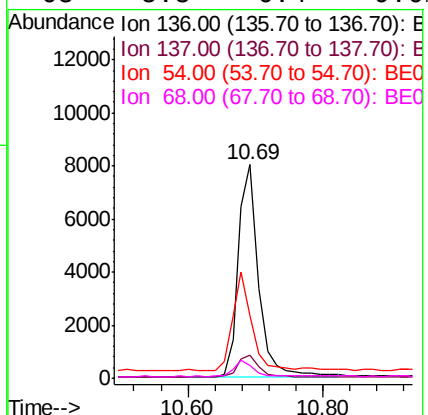
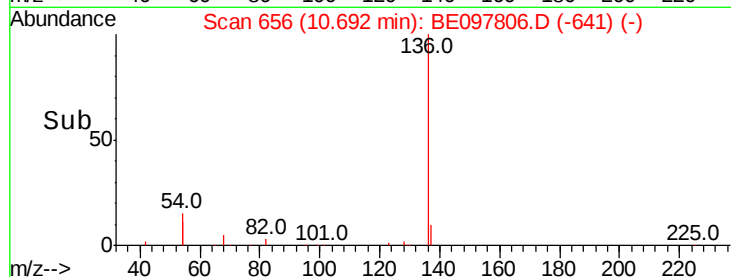
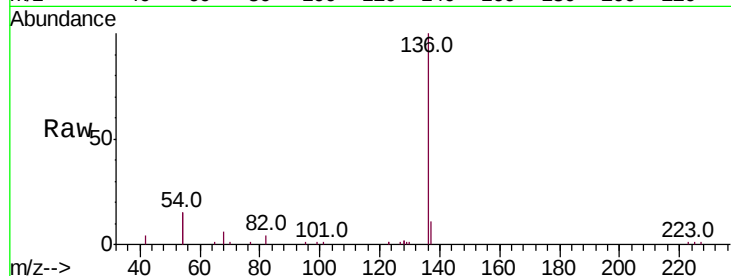
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 29.5 37.8 56.6#

68 5.8 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.138 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

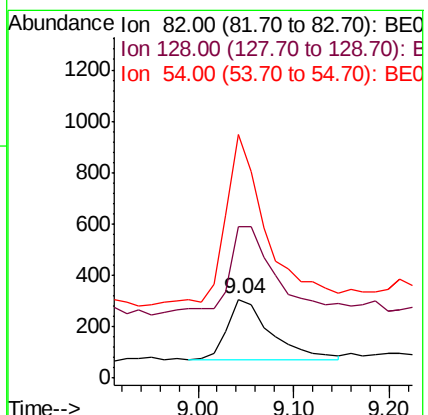
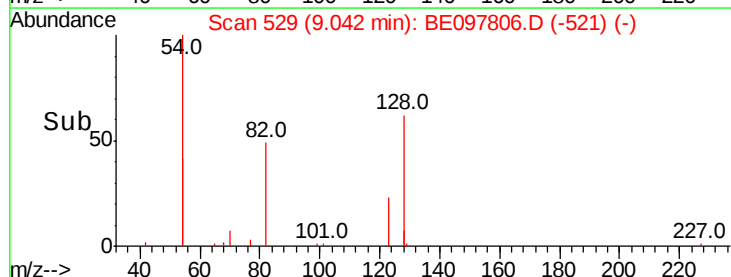
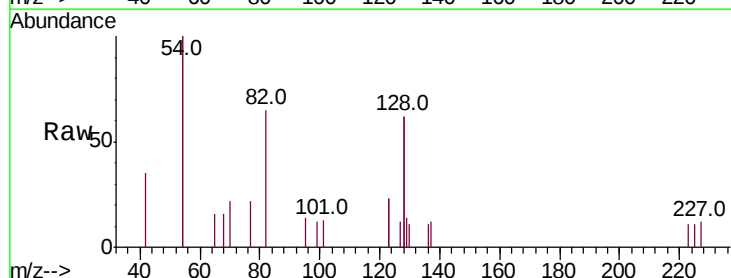
Tgt Ion: 82 Resp: 756

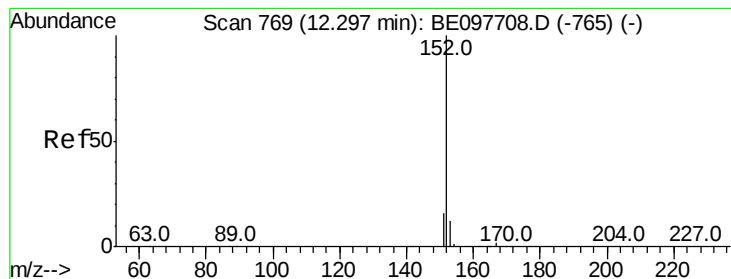
Ion Ratio Lower Upper

82 100

128 192.8 97.0 145.4#

54 308.8 206.9 310.3

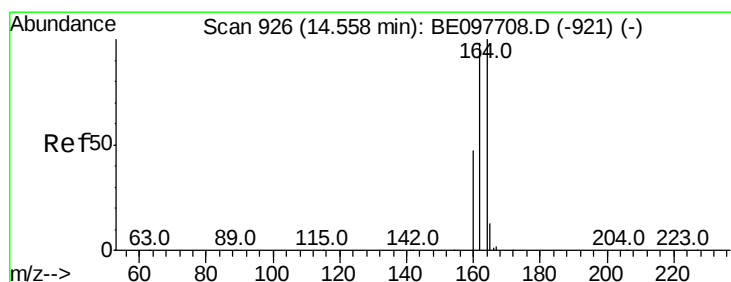
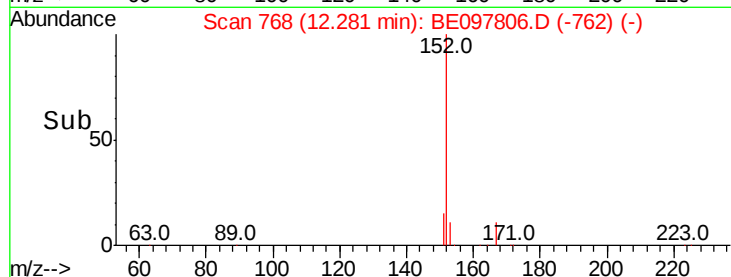
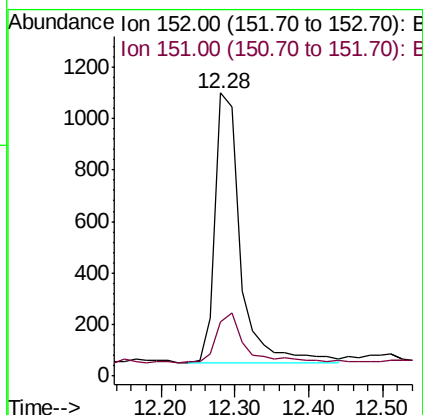
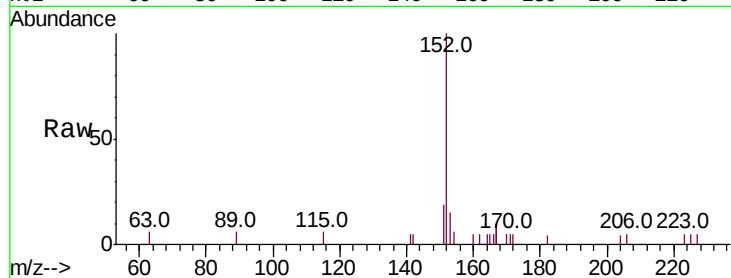




#11
 2-Methylnaphthalene-d10
 Concen: 0.092 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

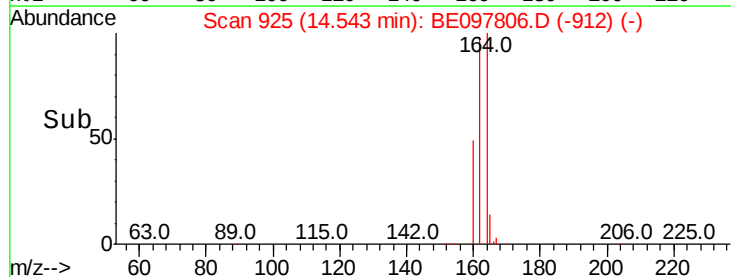
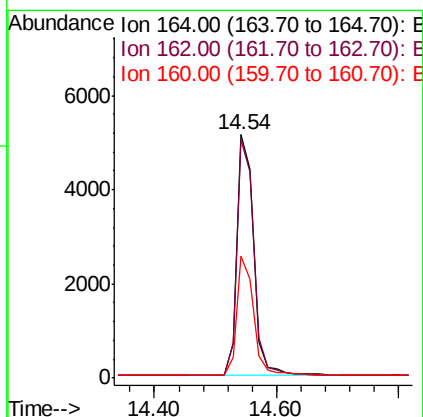
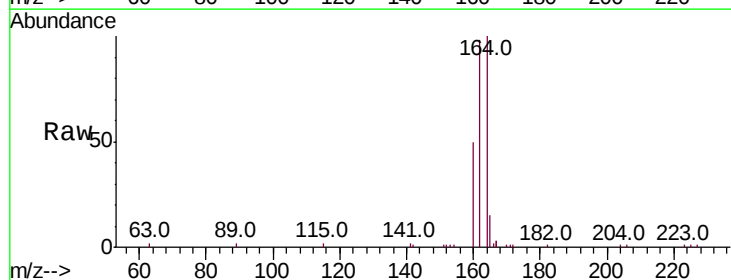
Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003DL

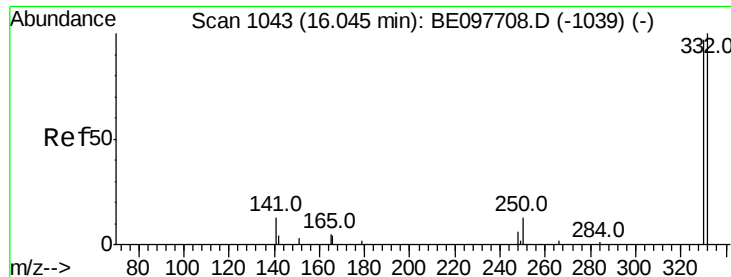
Tot Ion:152 Resp: 2471
 Ion Ratio Lower Upper
 152 100
 151 20.8 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

Tgt Ion:164 Resp: 9906
 Ion Ratio Lower Upper
 164 100
 162 97.8 78.6 117.8
 160 50.0 37.8 56.6

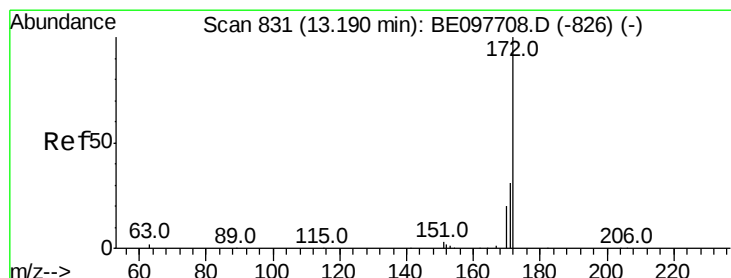
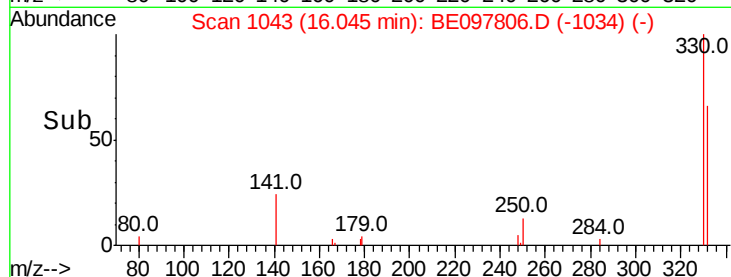
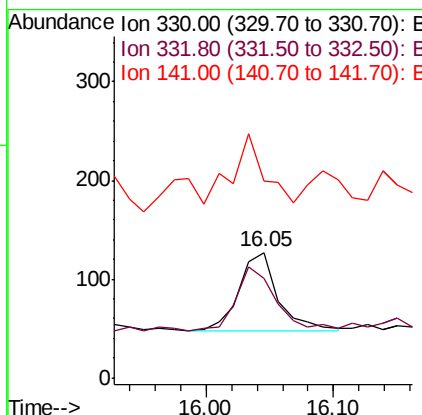
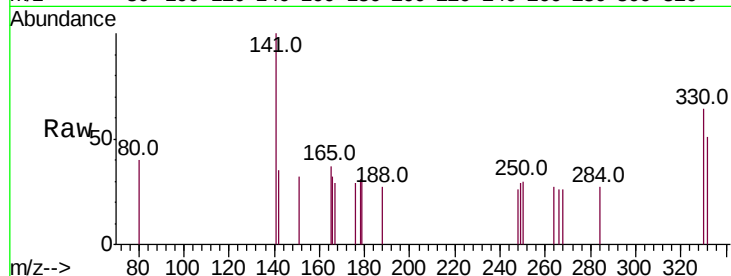




#14
 2,4,6-Tribromophenol
 Concen: 0.092 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

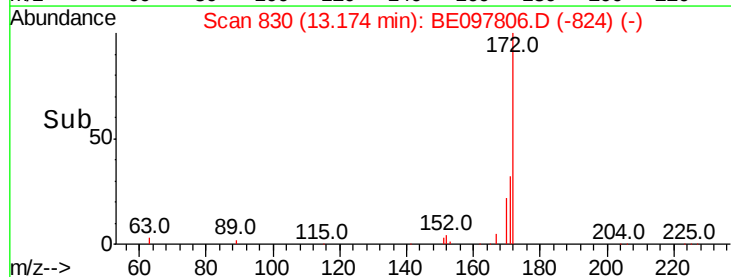
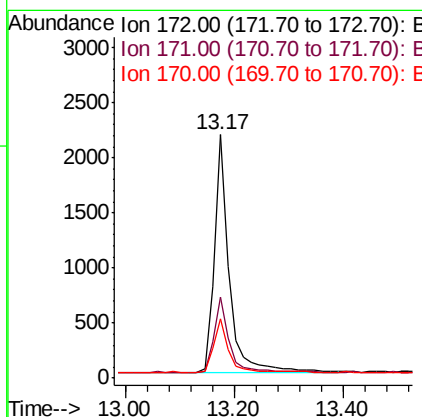
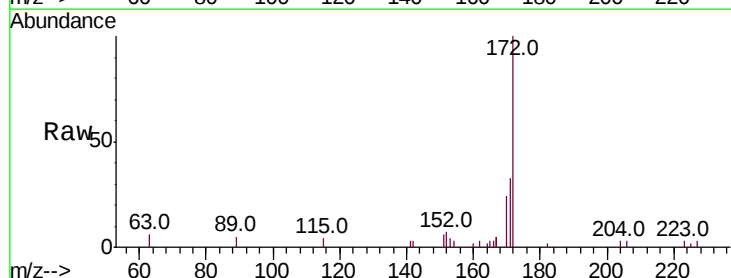
Instrument :
 BNA_E
 ClientSampleId :
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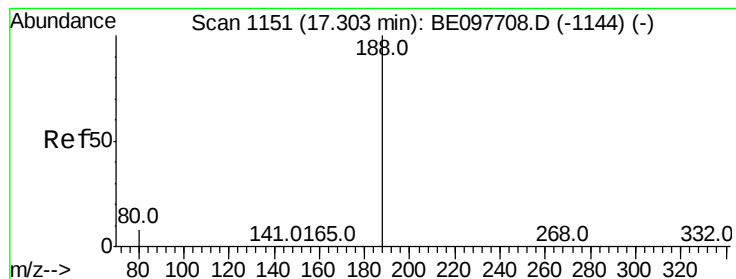
Tot Ion:330 Resp: 166
 Ion Ratio Lower Upper
 330 100
 332 83.1 83.5 125.3#
 141 78.9 34.9 52.3#



#15
 2-Fluorobiphenyl
 Concen: 0.095 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

Tgt Ion:172 Resp: 4129
 Ion Ratio Lower Upper
 172 100
 171 33.5 25.2 37.8
 170 24.3 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: BE097806.D

Acq: 8 Oct 2018 23:00

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003DL

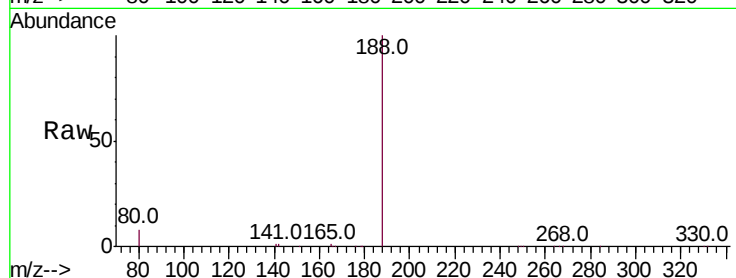
Tot Ion:188 Resp: 27737

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

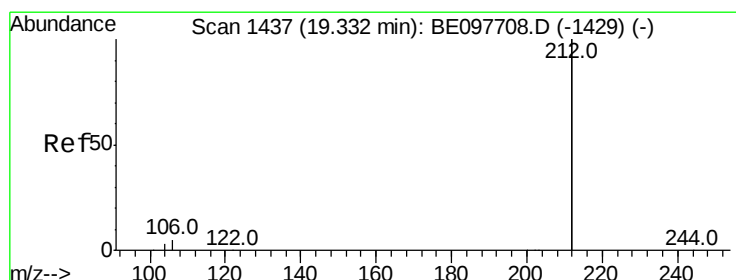
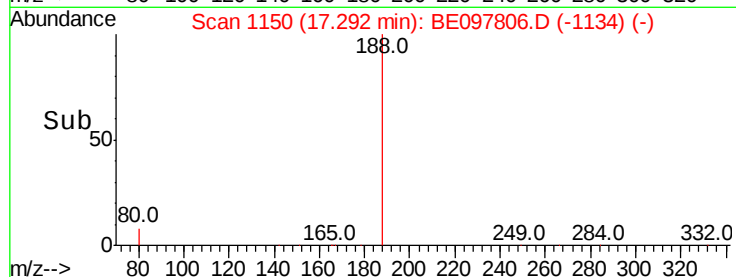
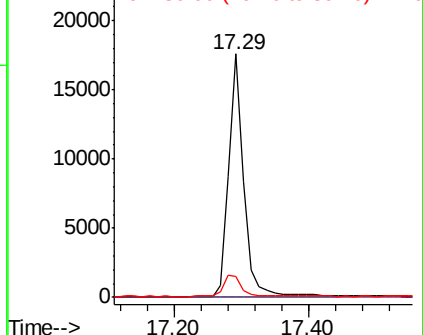
80 8.4 6.6 9.8



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: 0.088 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097806.D

Acq: 8 Oct 2018 23:00

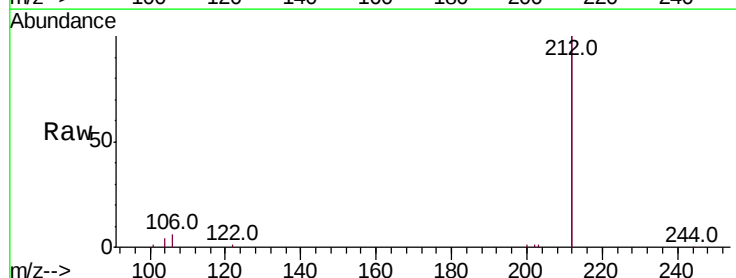
Tgt Ion:212 Resp: 30944

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

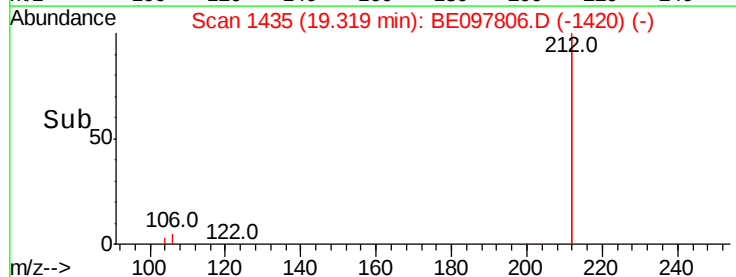
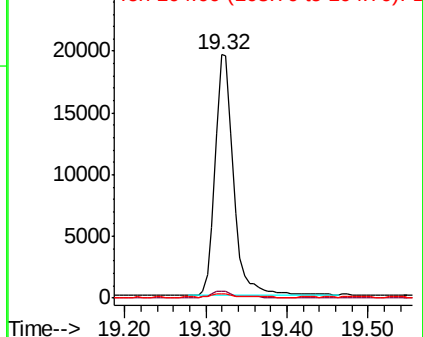
104 1.6 1.2 1.8

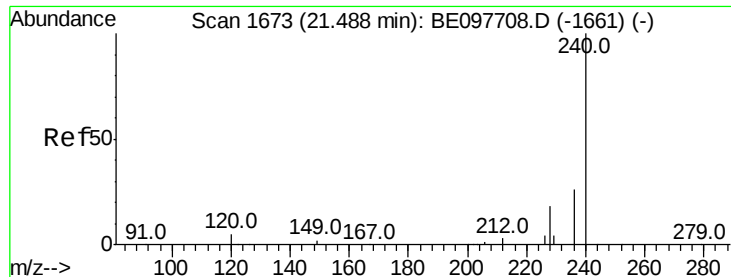


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

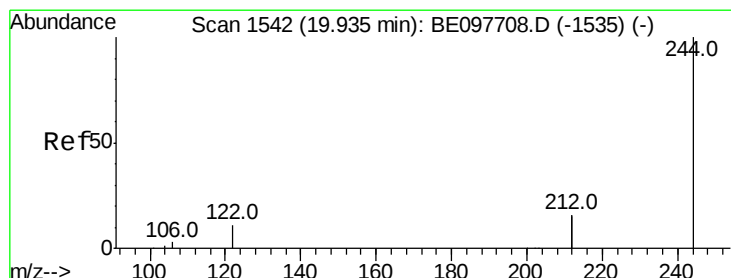
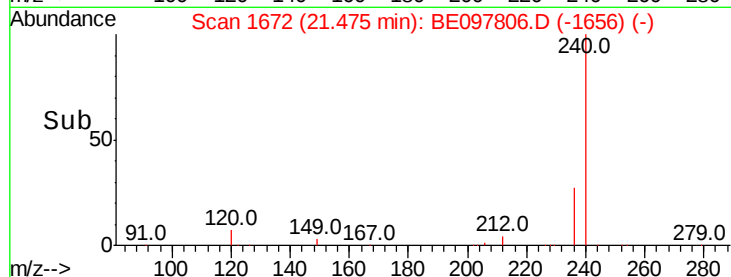
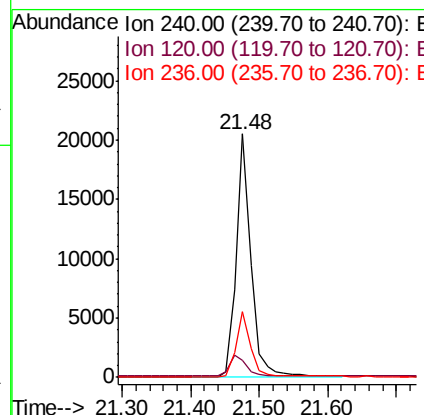
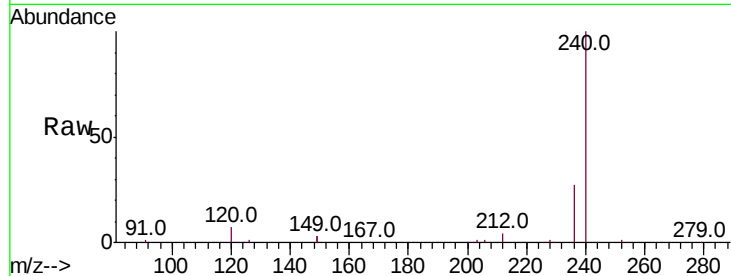




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097806.D
Acq: 8 Oct 2018 23:00

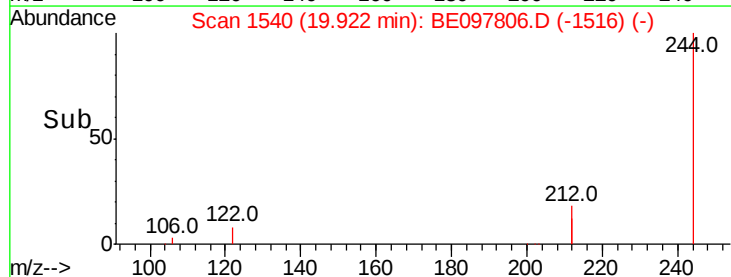
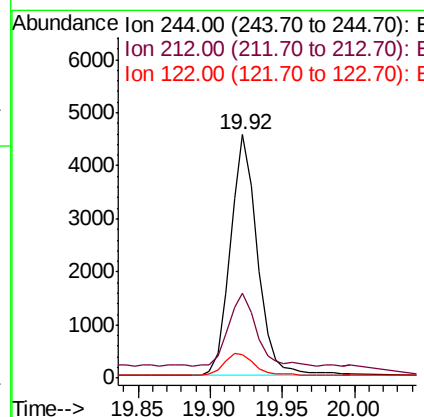
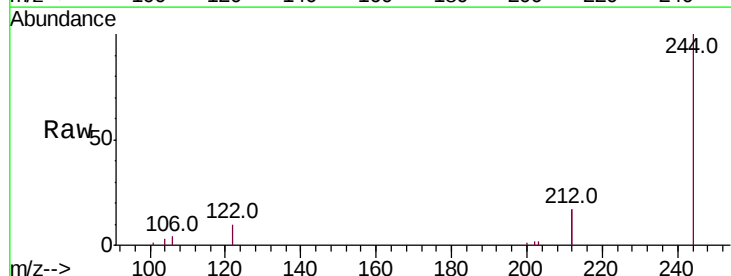
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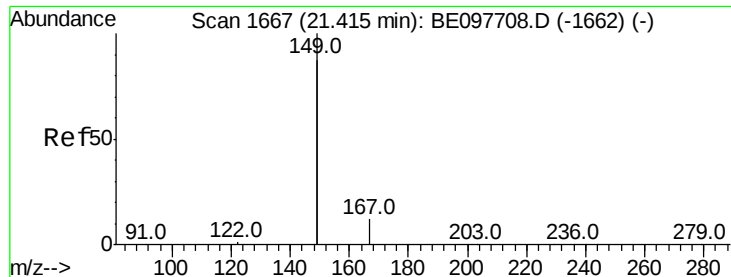
Tot Ion:240 Resp: 30468
Ion Ratio Lower Upper
240 100
120 7.2 4.7 7.1#
236 26.9 20.8 31.2



#29
Terphenyl-d14
Concen: 0.095 ng
RT: 19.92 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BE097806.D
Acq: 8 Oct 2018 23:00

Tgt Ion:244 Resp: 5880
Ion Ratio Lower Upper
244 100
212 34.9 25.8 38.8
122 9.6 8.7 13.1

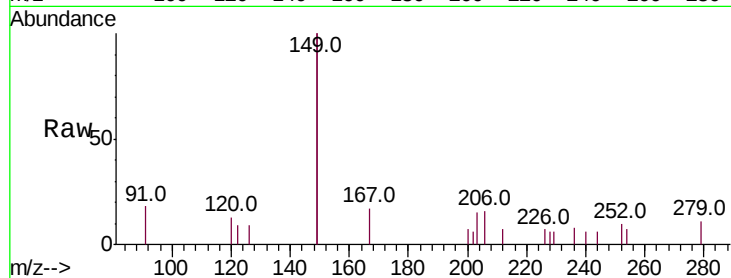




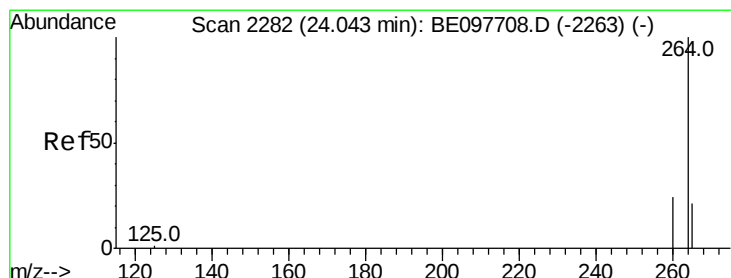
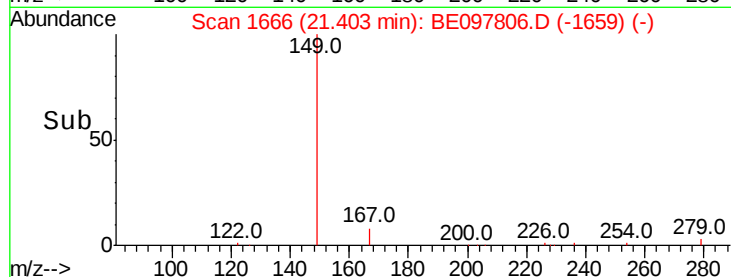
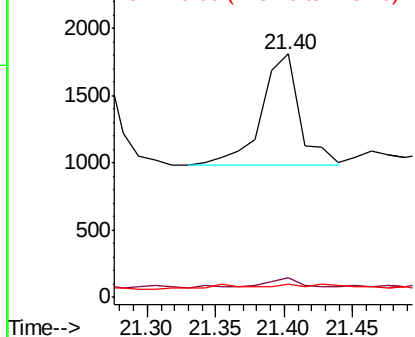
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003DL

Tot Ion:149 Resp: 1568
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.5 8.3
 279 1.1 0.9 1.3

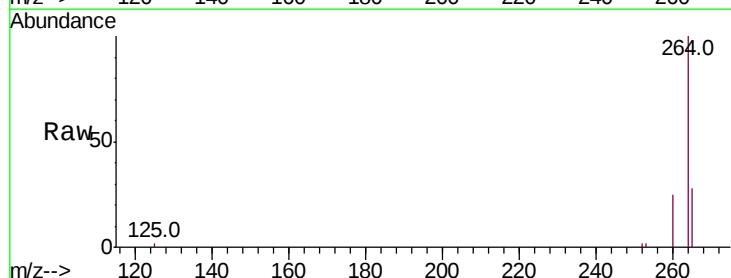


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BE097806.D
 Acq: 8 Oct 2018 23:00

Tgt Ion:264 Resp: 27719
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.1 28.7
 265 28.1 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

