

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098418.D
 Acq On : 14 Dec 2018 4:13
 Operator : SJ/JU
 Sample : J6325-04DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204DL

Quant Time: Dec 14 06:17:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

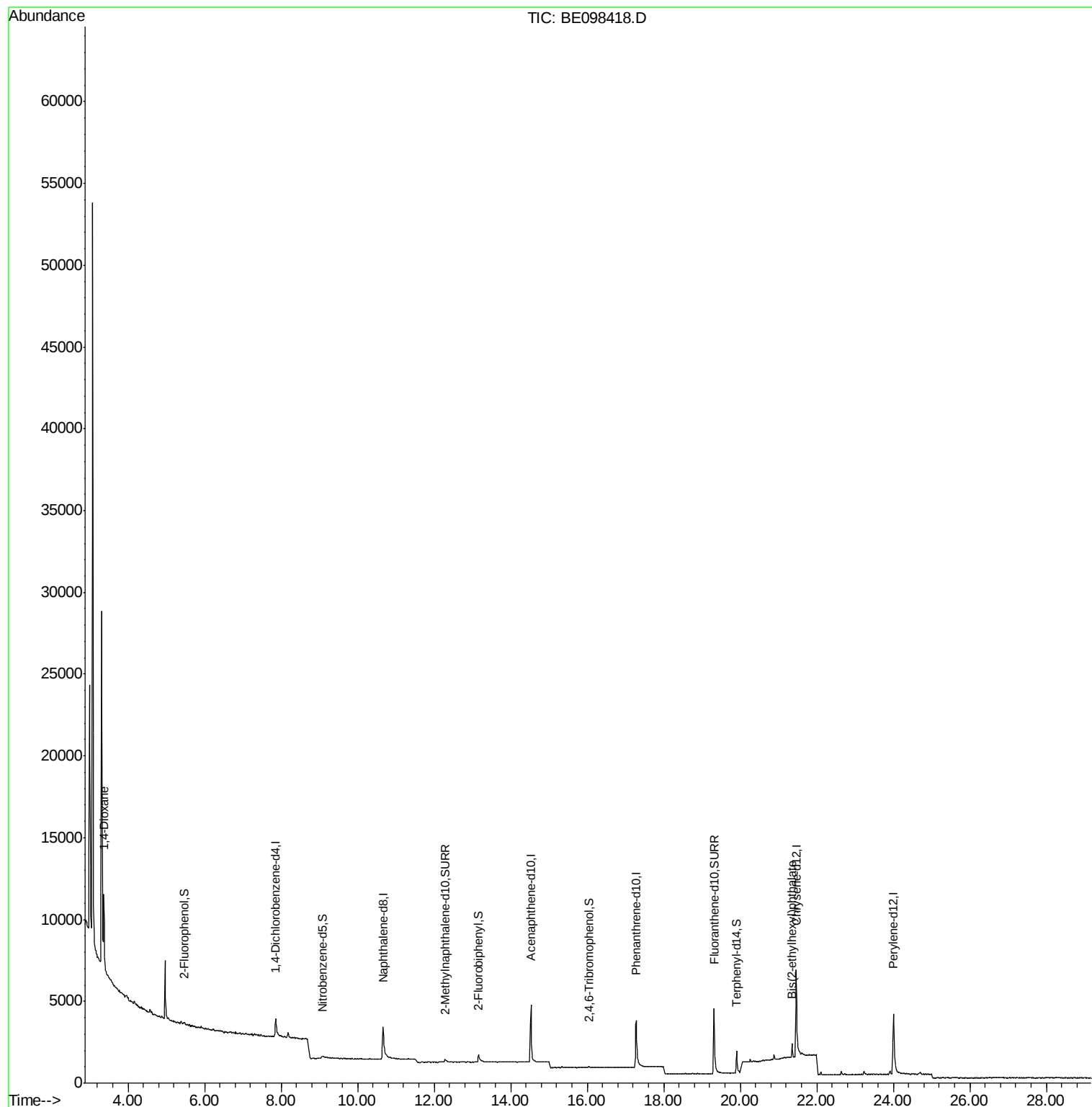
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	873	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3940	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2682	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7267	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8065	0.40	ng	0.00
34) Perylene-d12	24.00	264	7651	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	64	0.03	ng	0.02
5) Phenol-d6	7.07	99	20	0.01	ng	0.02
8) Nitrobenzene-d5	9.08	82	144	0.04	ng	0.06
11) 2-Methylnaphthalene-d10	12.28	152	594	0.09	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	76	0.08	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	1069	0.09	ng	0.01
25) Fluoranthene-d10	19.31	212	7830	0.08	ng	0.00
29) Terphenyl-d14	19.91	244	1797	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2364	1.566	ng	95
32) Bis(2-ethylhexyl)phthalate	21.35	149	1093	0.023	ng	# 99

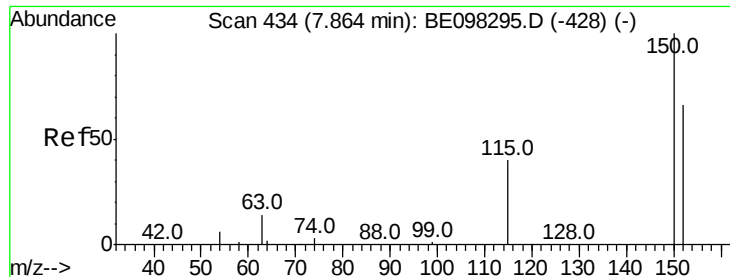
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

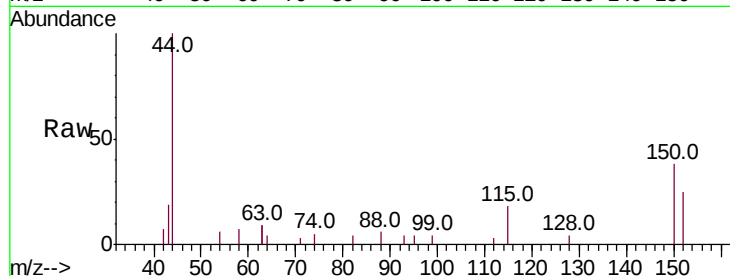
Tot Ion:152 Resp: 873

Ion Ratio Lower Upper

152 100

150 152.6 124.2 186.4

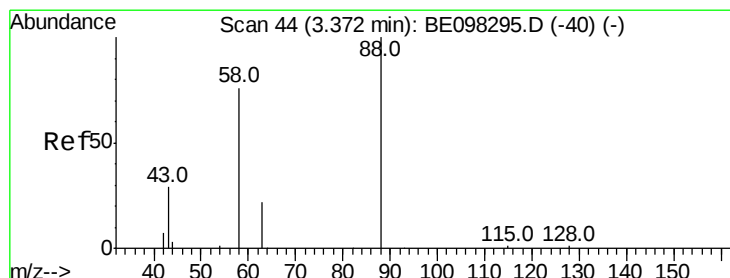
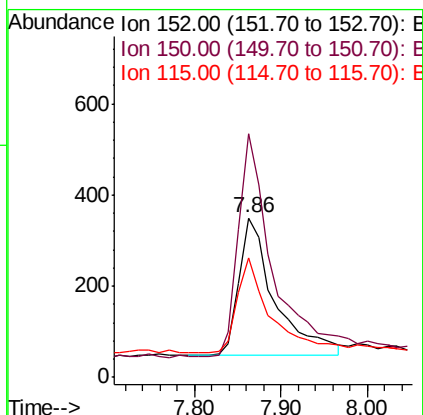
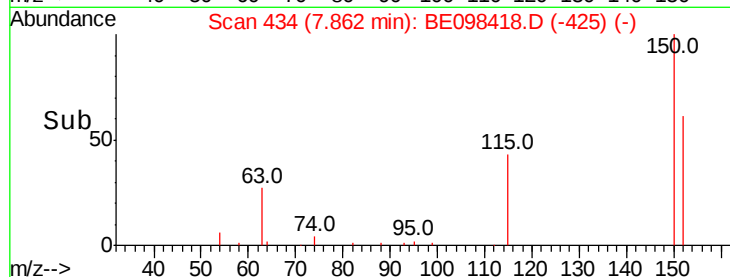
115 75.1 53.9 80.9



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: 1.566 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

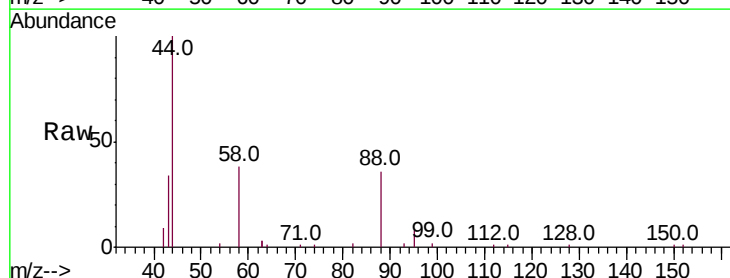
Tgt Ion: 88 Resp: 2364

Ion Ratio Lower Upper

88 100

58 95.4 75.0 112.6

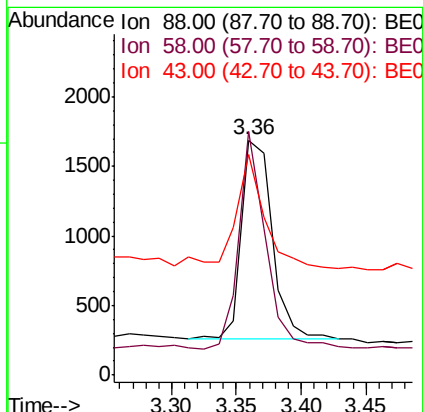
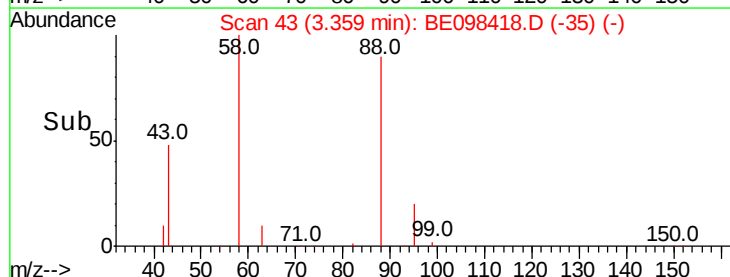
43 55.4 38.3 57.5

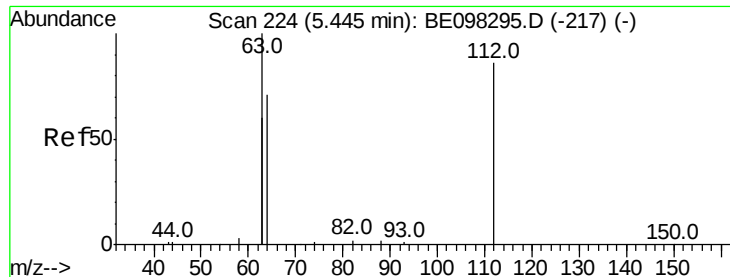


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.031 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

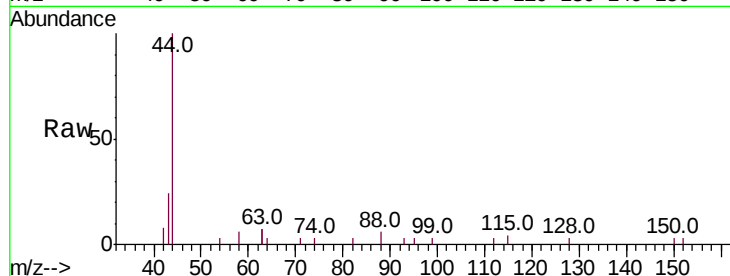
Tot Ion:112 Resp: 64

Ion Ratio Lower Upper

112 100

64 43.8 59.8 89.8#

63 196.9 133.7 200.5



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

300

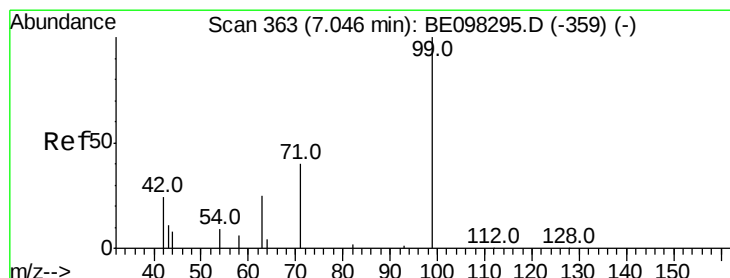
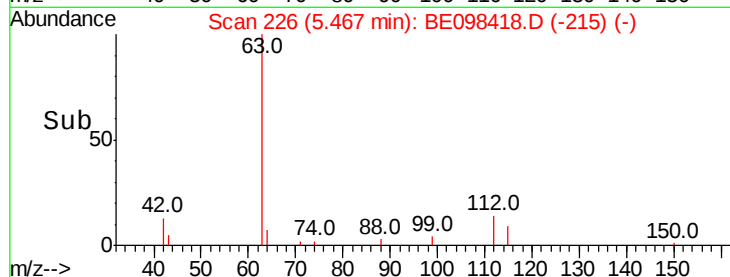
200

100

5.47

5.40 5.45 5.50 5.55

Time-->



#5

Phenol-d6

Concen: 0.007 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

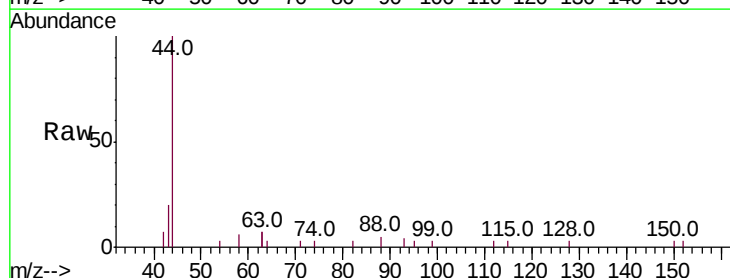
Tgt Ion: 99 Resp: 20

Ion Ratio Lower Upper

99 100

42 170.0 26.3 39.5#

71 0.0 33.6 50.4#



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

150

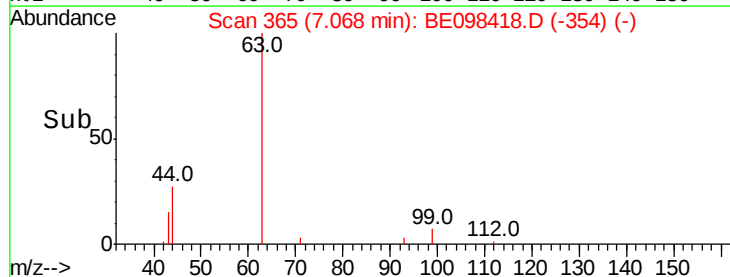
100

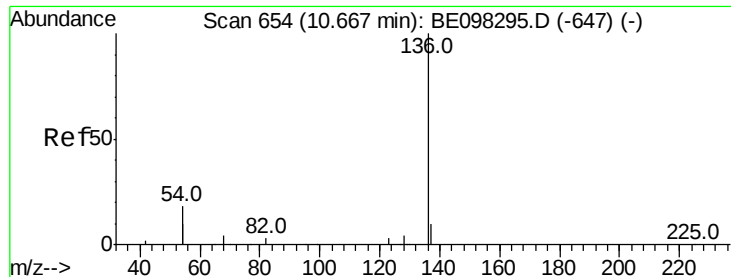
50

7.07

7.02 7.04 7.06 7.08

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

Tot Ion:136 Resp: 3940

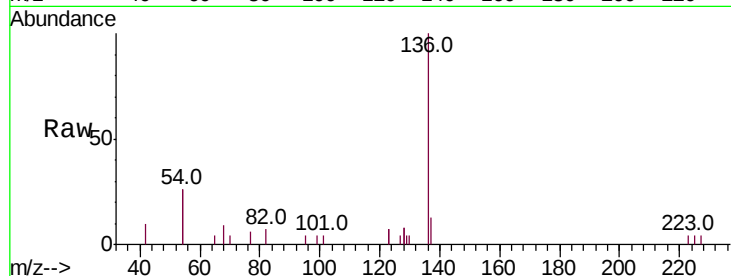
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 52.8 28.4 42.6#

68 9.5 5.4 8.0#

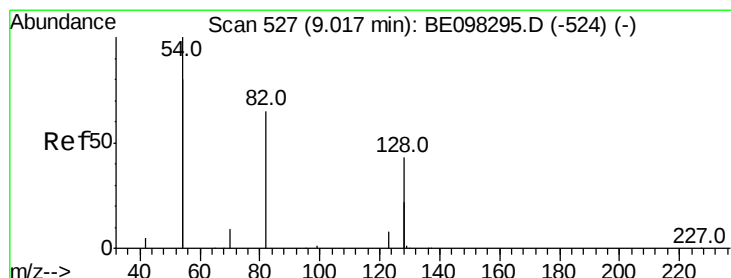
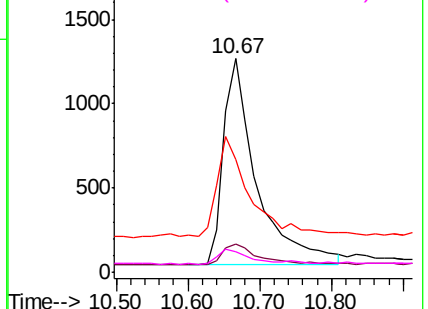
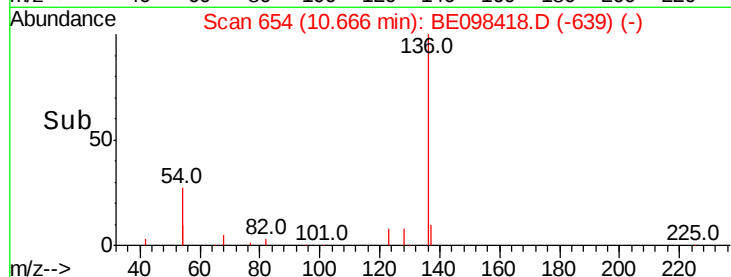


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.040 ng

RT: 9.08 min Scan# 532

Delta R.T. 0.06 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

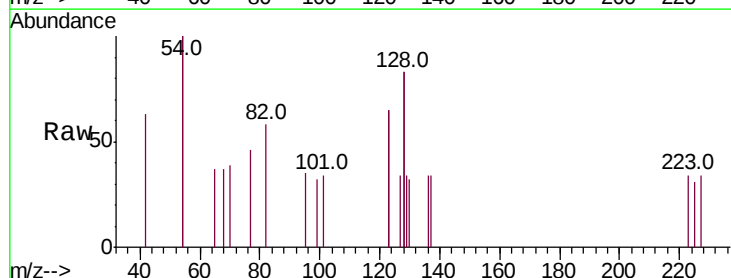
Tgt Ion: 82 Resp: 144

Ion Ratio Lower Upper

82 100

128 287.8 102.4 153.6#

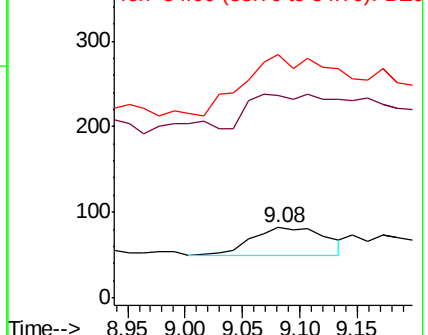
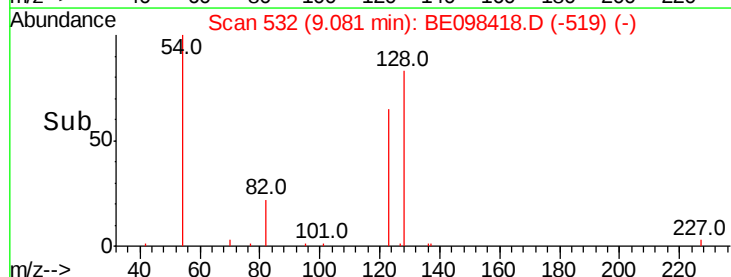
54 346.3 221.8 332.8#

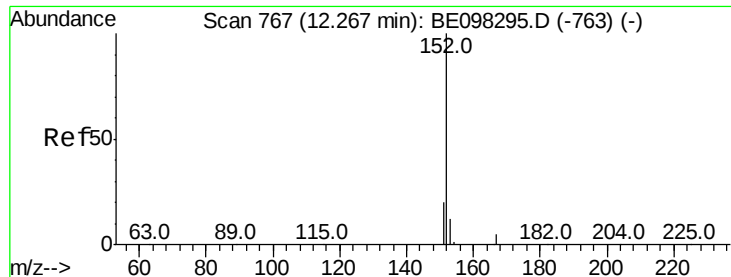


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

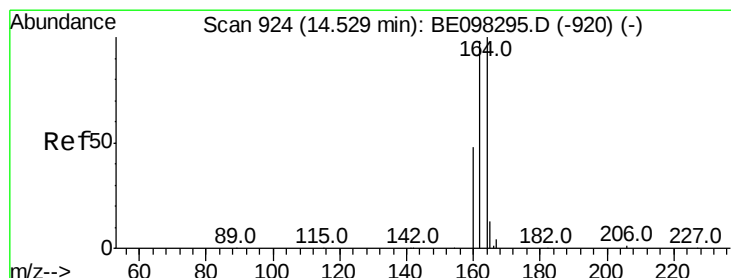
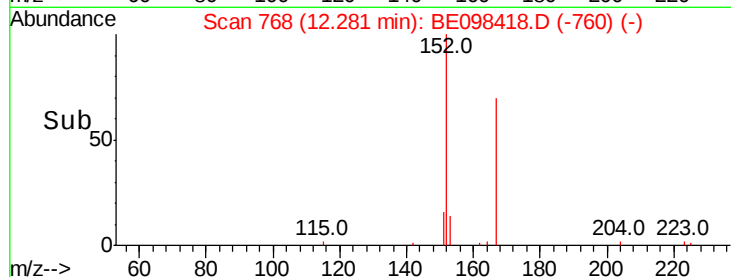
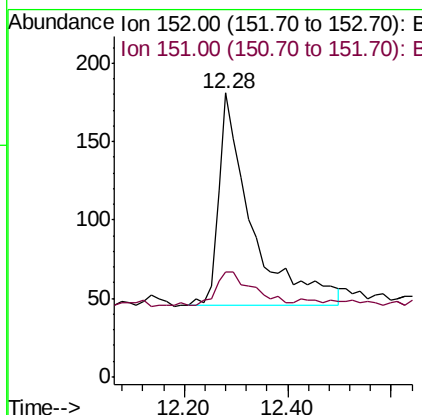
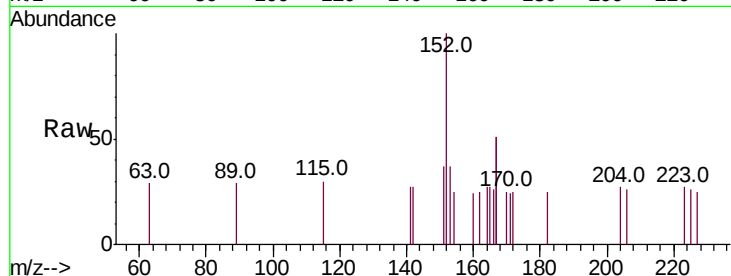




#11
2-Methylnaphthalene-d10
Concen: 0.093 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098418.D
Acq: 14 Dec 2018 4:13

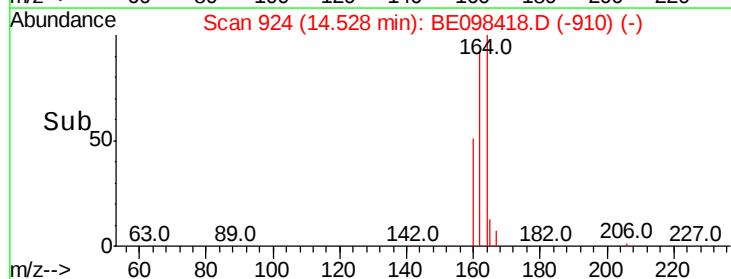
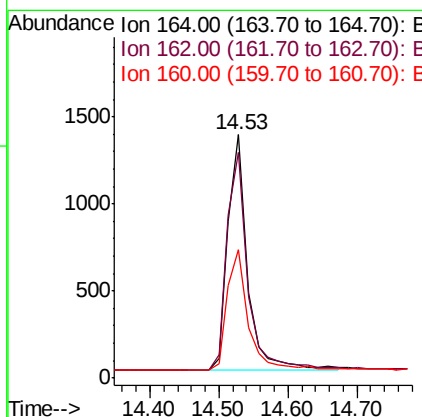
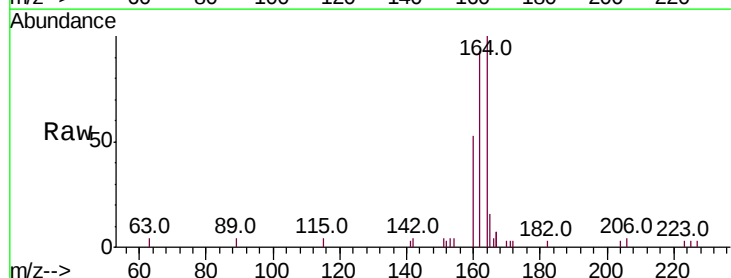
Instrument :
BNA_E
ClientSampleId :
RE-125D2-20181204DL

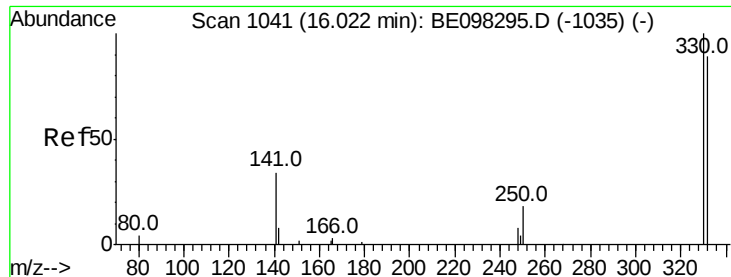
Tot Ion:152 Resp: 594
Ion Ratio Lower Upper
152 100
151 17.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098418.D
Acq: 14 Dec 2018 4:13

Tgt Ion:164 Resp: 2682
Ion Ratio Lower Upper
164 100
162 92.7 77.6 116.4
160 52.9 36.0 54.0

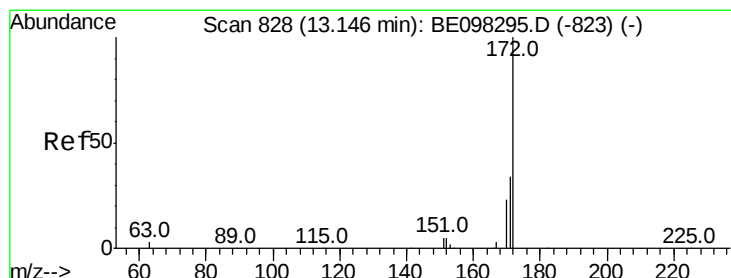
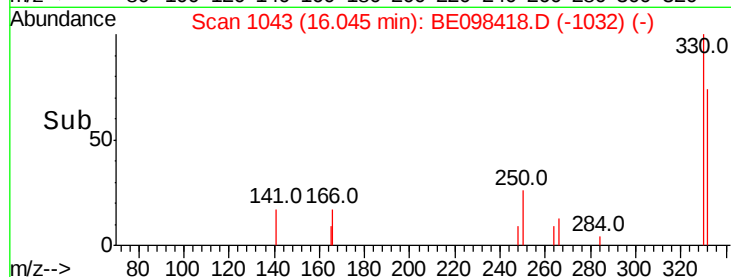
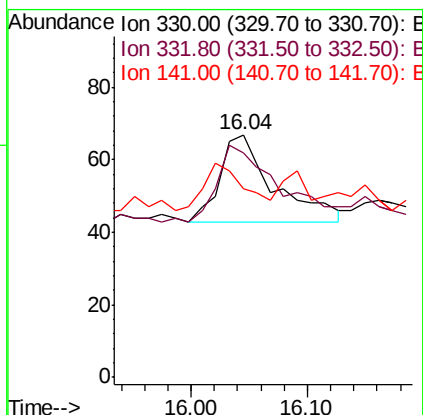
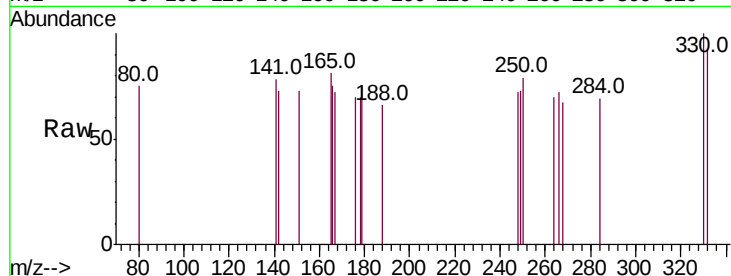




#14
 2,4,6-Tribromophenol
 Concen: 0.077 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

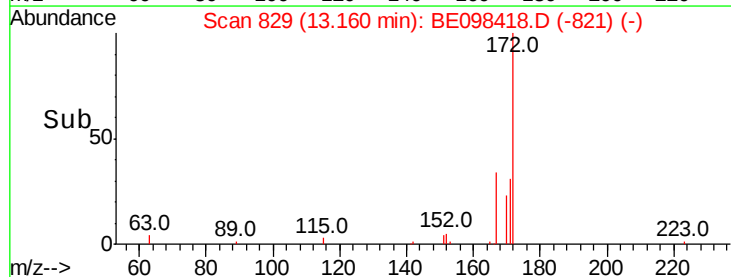
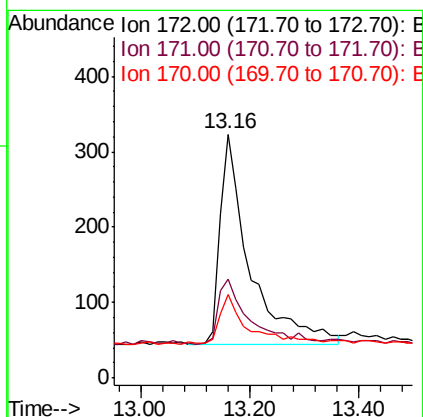
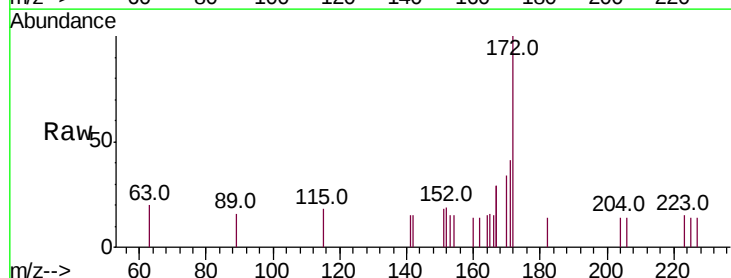
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204DL

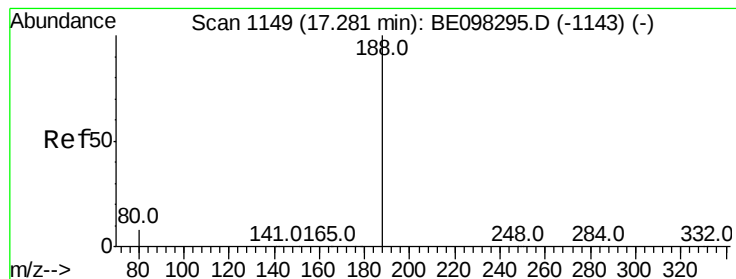
Tot Ion:330 Resp: 76
 Ion Ratio Lower Upper
 330 100
 332 102.6 76.2 114.4
 141 0.0 39.0 58.4#



#15
 2-Fluorobiphenyl
 Concen: 0.094 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

Tgt Ion:172 Resp: 1069
 Ion Ratio Lower Upper
 172 100
 171 40.6 27.5 41.3
 170 34.1 19.6 29.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

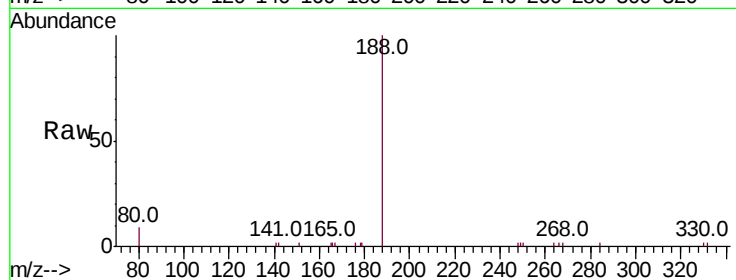
Tot Ion:188 Resp: 7267

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

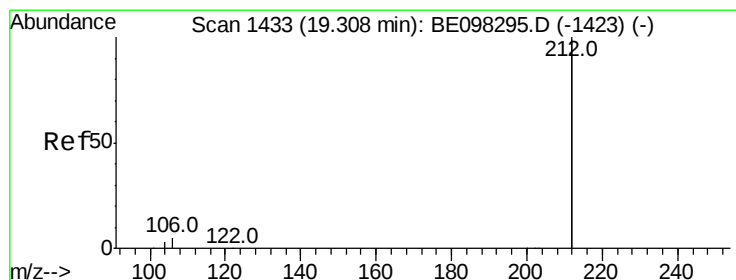
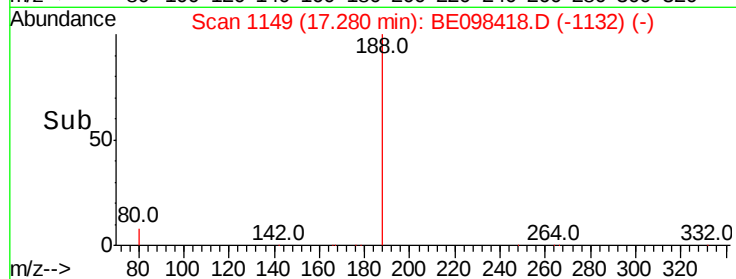
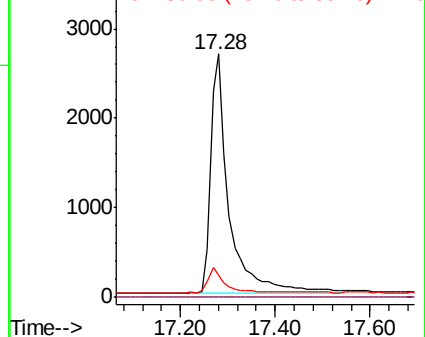
80 9.2 7.2 10.8



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: 0.084 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

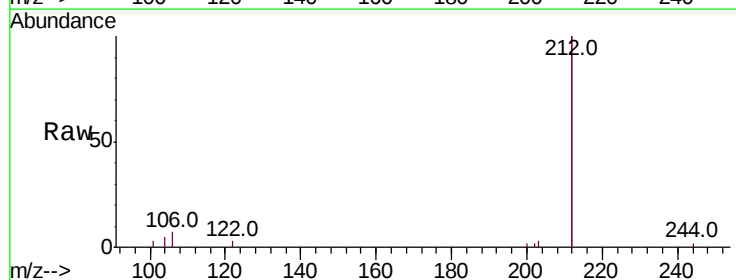
Tgt Ion:212 Resp: 7830

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

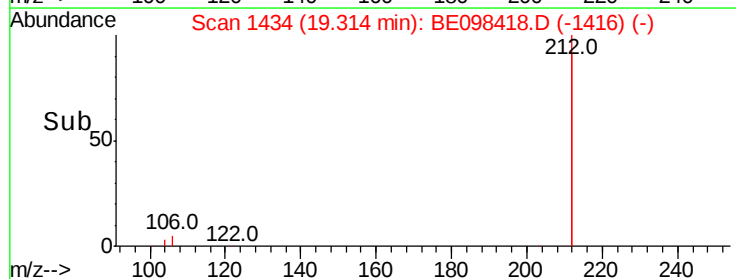
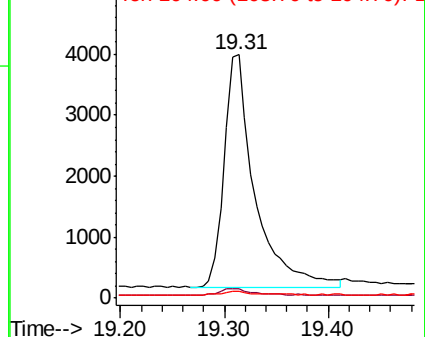
104 1.7 1.3 1.9

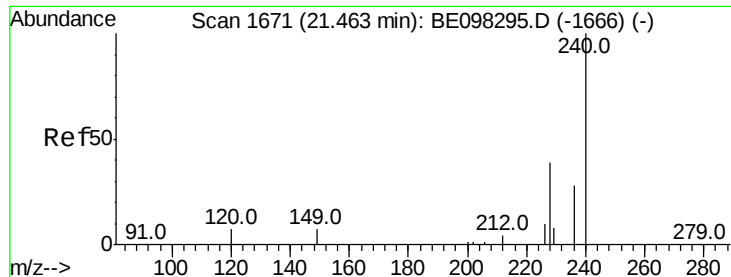


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

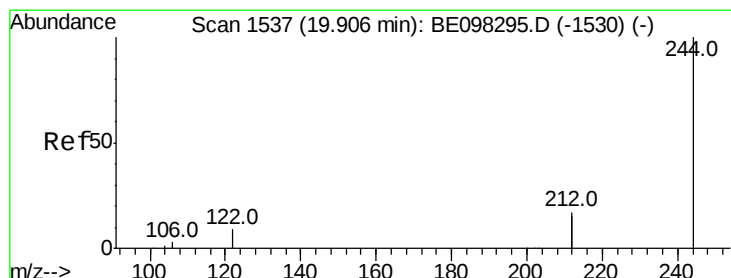
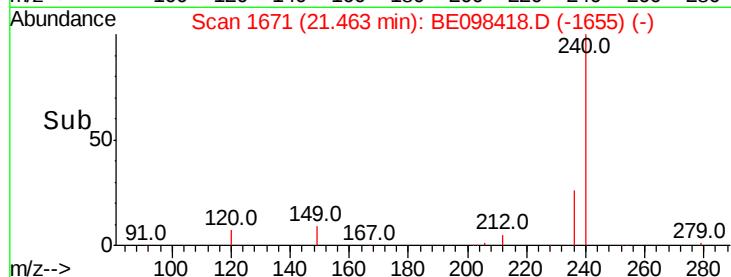
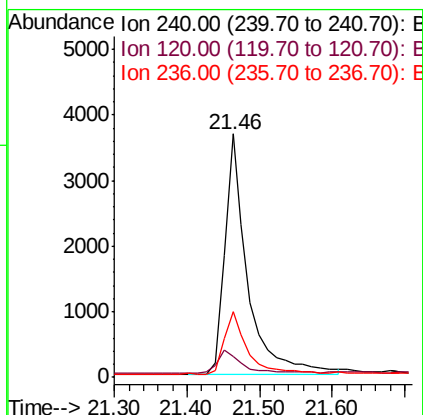
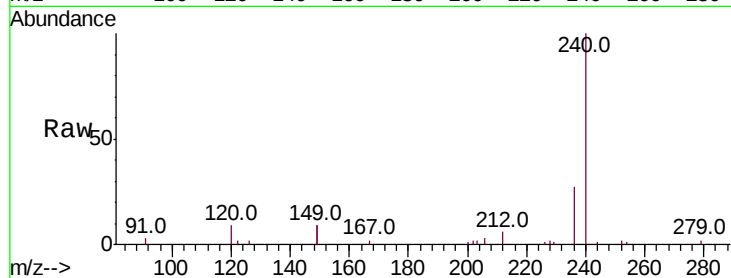




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098418.D
Acq: 14 Dec 2018 4:13

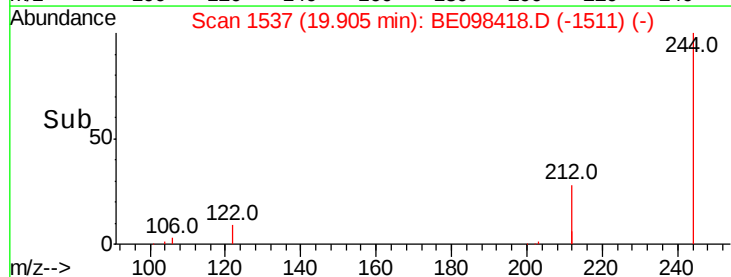
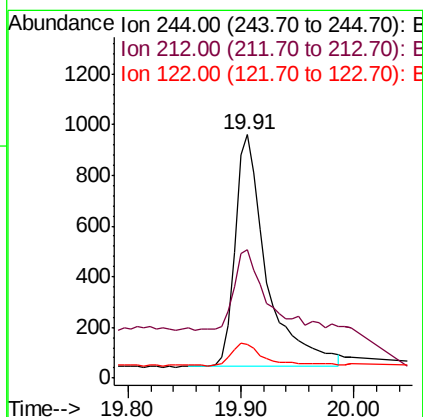
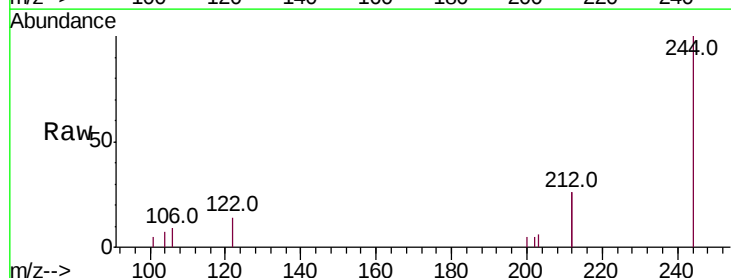
Instrument :
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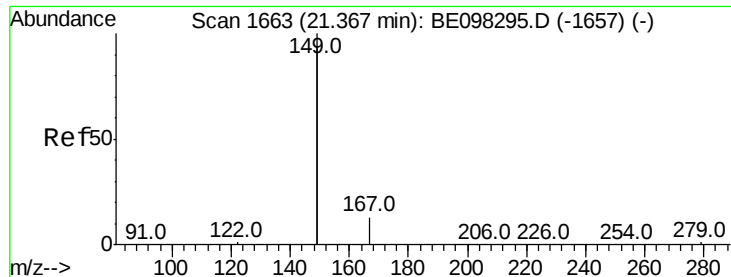
Tot Ion:240 Resp: 8065
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 26.8 22.7 34.1



#29
Terphenyl-d14
Concen: 0.092 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098418.D
Acq: 14 Dec 2018 4:13

Tgt Ion:244 Resp: 1797
Ion Ratio Lower Upper
244 100
212 52.7 27.4 41.0#
122 14.0 8.3 12.5#

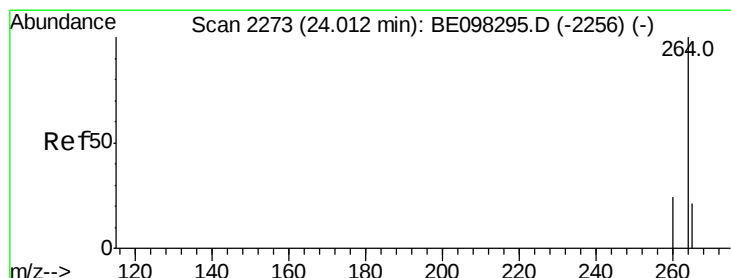
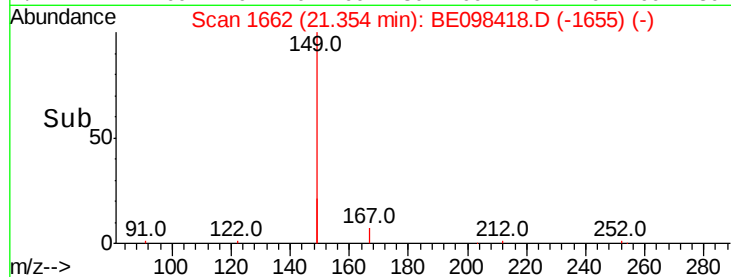
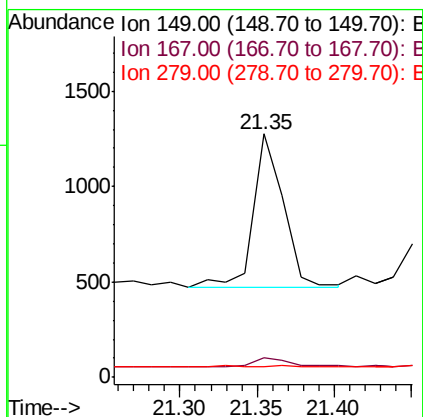
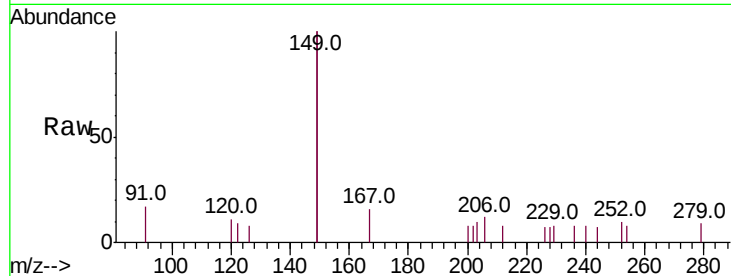




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204DL

Tot Ion:149 Resp: 1093
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.7 8.5
 279 2.0 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

Tgt Ion:264 Resp: 7651
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 26.2 25.2 37.8

