

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098419.D
 Acq On : 14 Dec 2018 4:49
 Operator : SJ/JU
 Sample : J6325-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D1-20181204DL

Quant Time: Dec 14 06:18:46 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

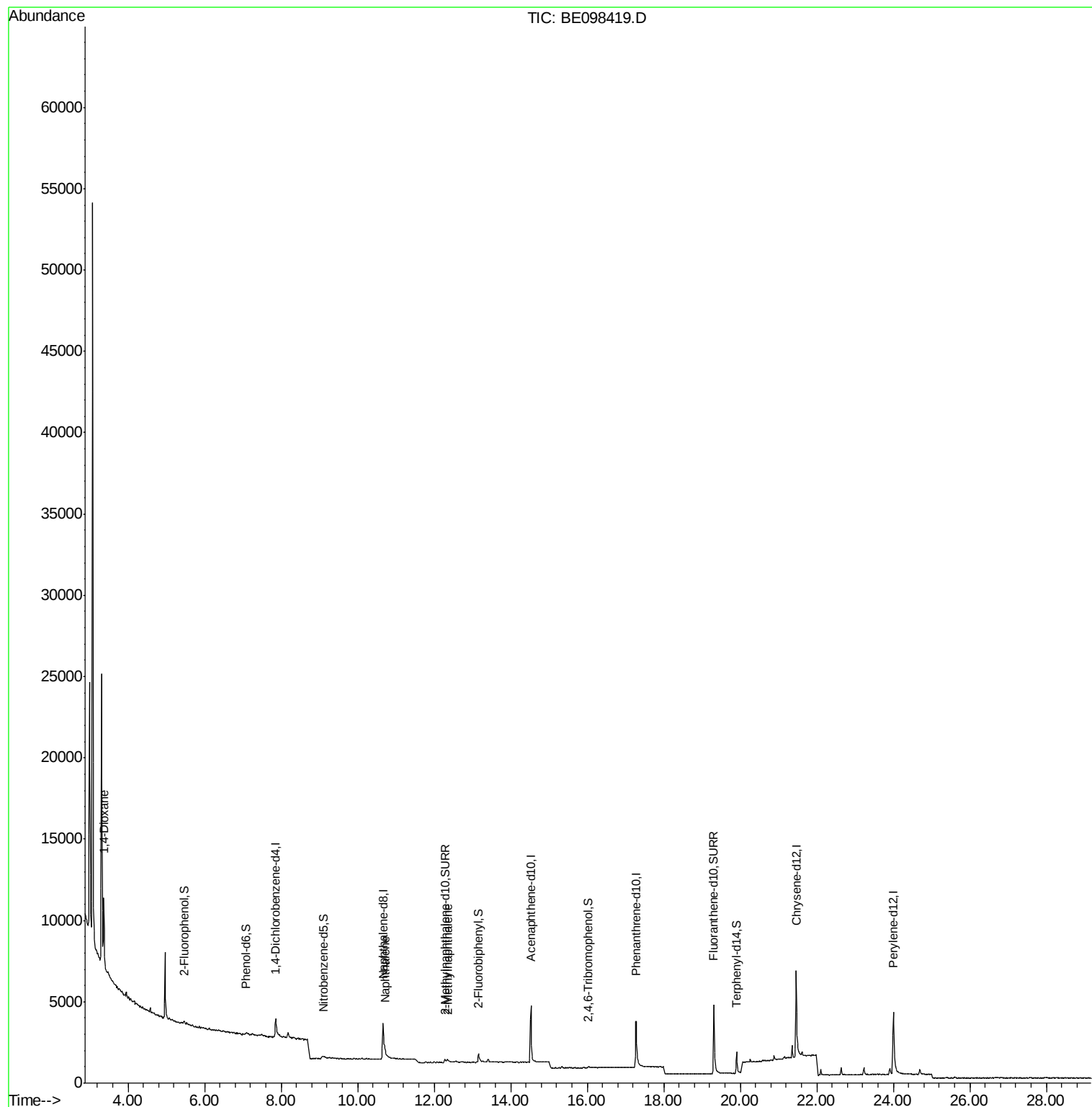
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	902	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4023	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2691	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7022	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7959	0.40	ng	0.00
34) Perylene-d12	24.00	264	7794	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	150	0.07	ng	0.01
5) Phenol-d6	7.08	99	154	0.05	ng	0.03
8) Nitrobenzene-d5	9.09	82	233	0.06	ng	0.08
11) 2-Methylnaphthalene-d10	12.28	152	531	0.08	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	94	0.10	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1183	0.10	ng	0.01
25) Fluoranthene-d10	19.31	212	8505	0.09	ng	0.00
29) Terphenyl-d14	19.91	244	1714	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2240	1.436	ng	# 93
9) Naphthalene	10.72	128	1060	0.026	ng	# 78
12) 2-Methylnaphthalene	12.35	142	207	0.031	ng	# 74

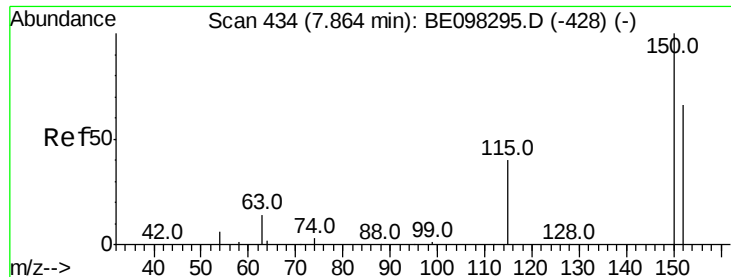
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
Data File : BE098419.D
Acq On : 14 Dec 2018 4:49
Operator : SJ/JU
Sample : J6325-05DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Quant Time: Dec 14 06:18:46 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



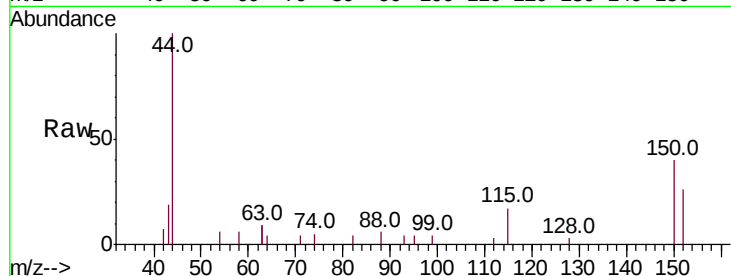


#1

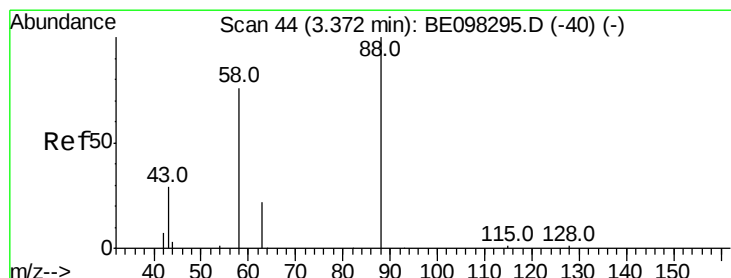
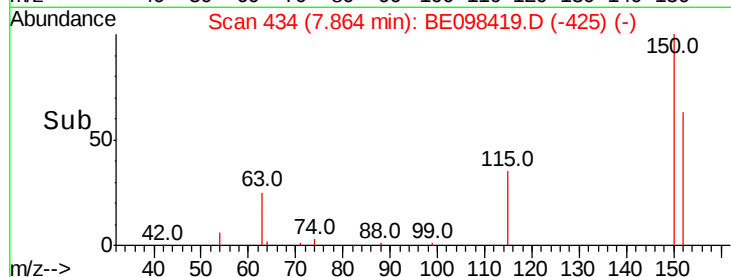
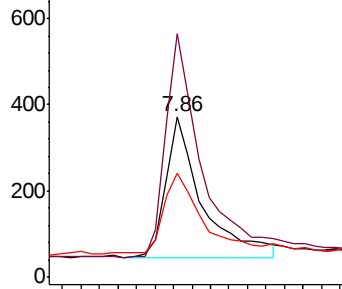
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Instrument :
BNA_E
ClientSampleId :
RE-125D1-20181204DL

Tot Ion:152 Resp: 902
Ion Ratio Lower Upper
152 100
150 151.6 124.2 186.4
115 64.5 53.9 80.9



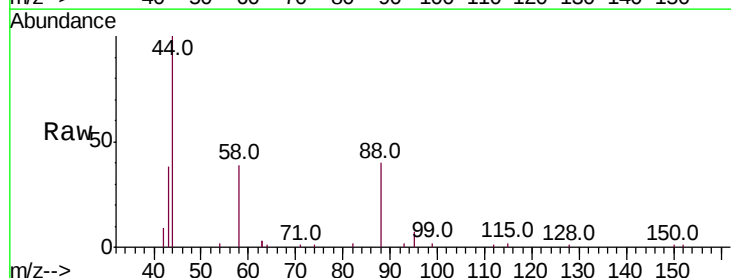
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



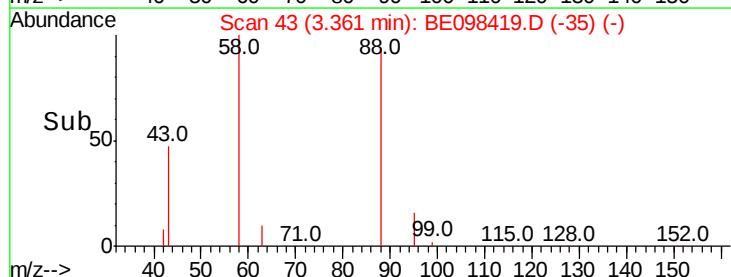
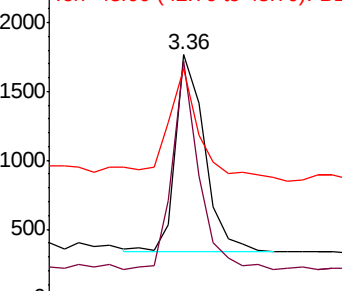
#2

1,4-Dioxane
Concen: 1.436 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

Tgt Ion: 88 Resp: 2240
Ion Ratio Lower Upper
88 100
58 94.6 75.0 112.6
43 60.5 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: 0.071 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181204DL

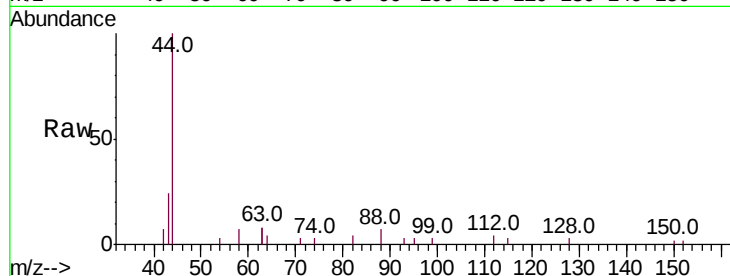
Tot Ion:112 Resp: 150

Ion Ratio Lower Upper

112 100

64 75.3 59.8 89.8

63 168.7 133.7 200.5



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

400

300

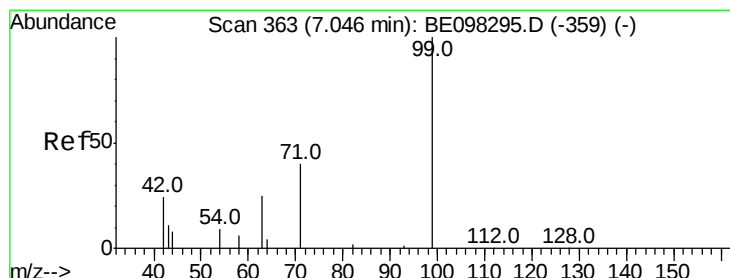
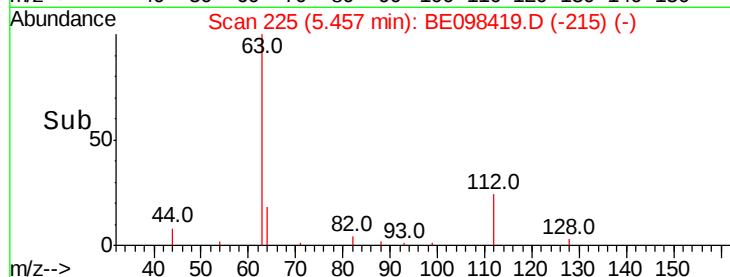
200

100

0

5.40 5.46 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.052 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

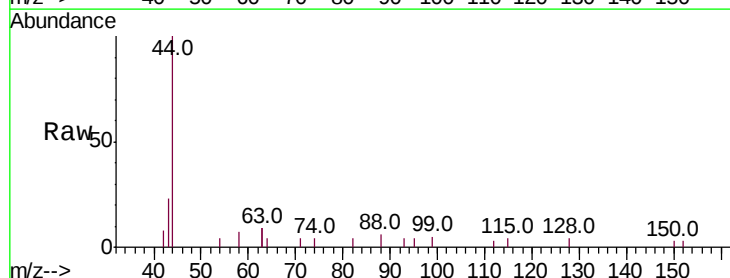
Tgt Ion: 99 Resp: 154

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

71 25.3 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

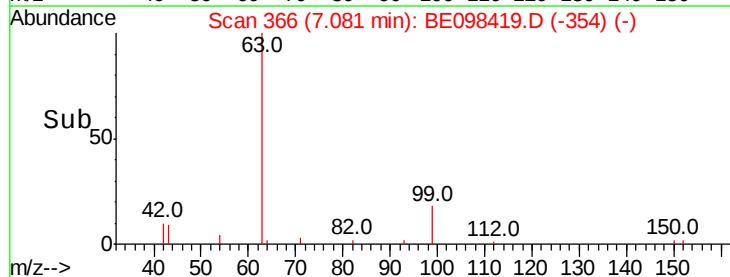
100

50

0

7.00 7.08 7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181204DL

Tot Ion:136 Resp: 4023

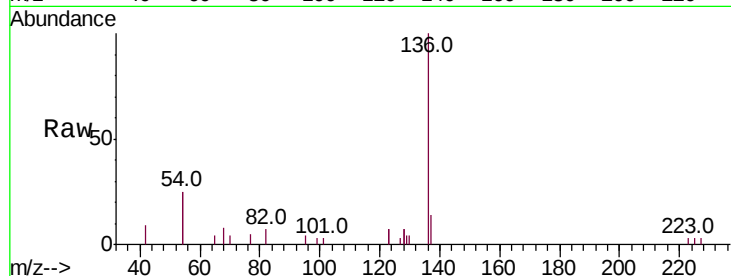
Ion Ratio Lower Upper

136 100

137 14.1 9.2 13.8#

54 49.1 28.4 42.6#

68 8.2 5.4 8.0#

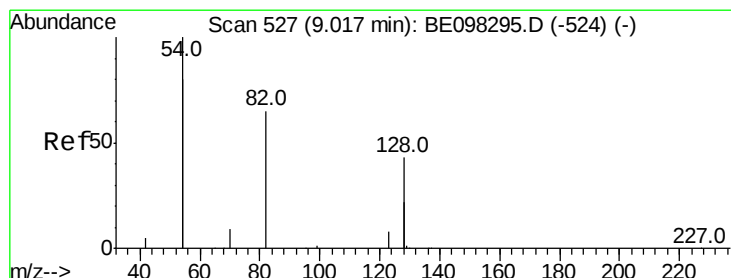
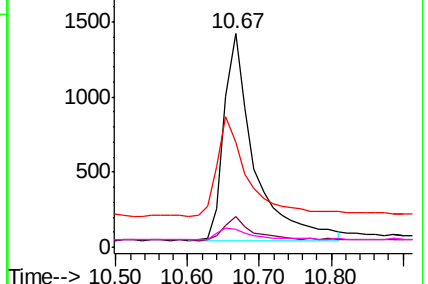
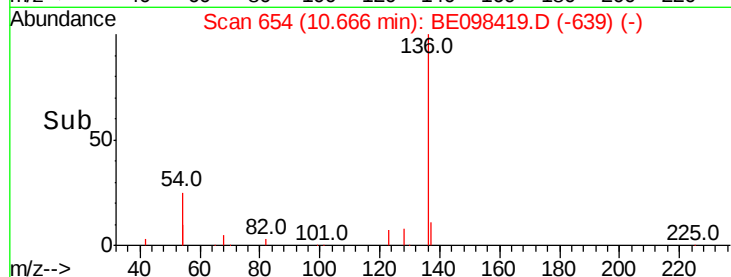


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.064 ng

RT: 9.09 min Scan# 533

Delta R.T. 0.08 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

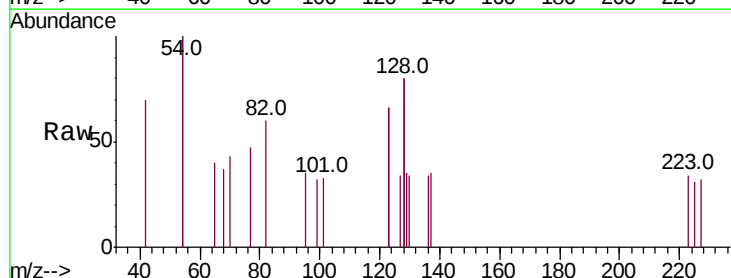
Tgt Ion: 82 Resp: 233

Ion Ratio Lower Upper

82 100

128 265.9 102.4 153.6#

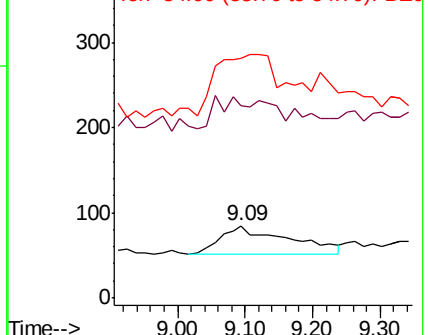
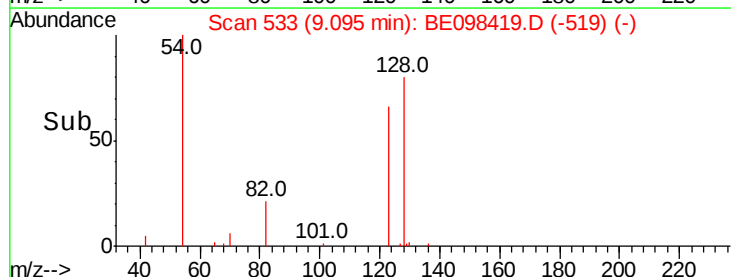
54 331.8 221.8 332.8

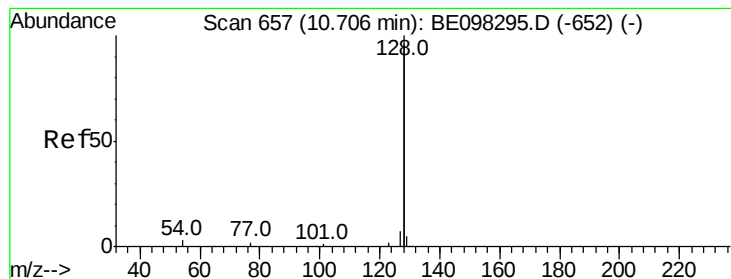


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.026 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181204DL

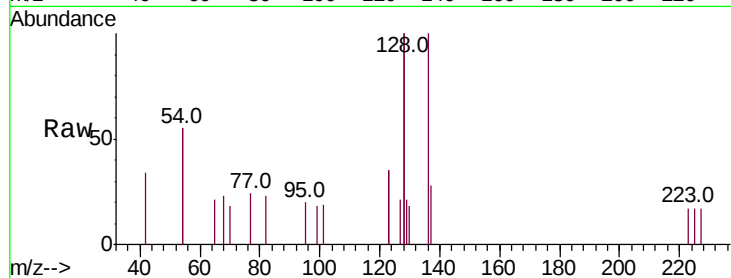
Tot Ion:128 Resp: 1060

Ion Ratio Lower Upper

128 100

129 10.3 2.5 3.7#

127 10.7 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.72

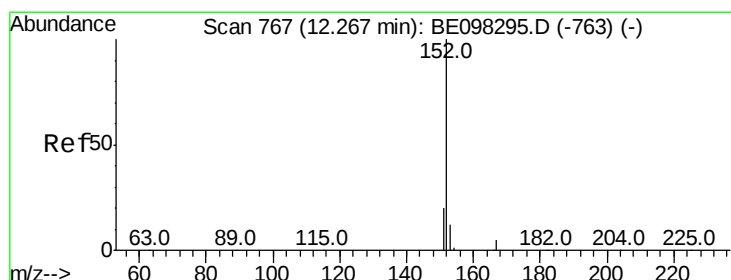
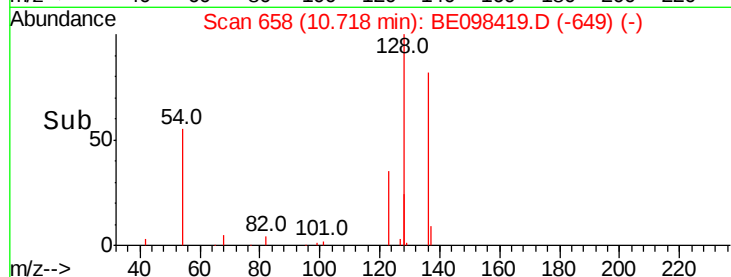
400

200

0

10.60 10.70 10.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.081 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098419.D

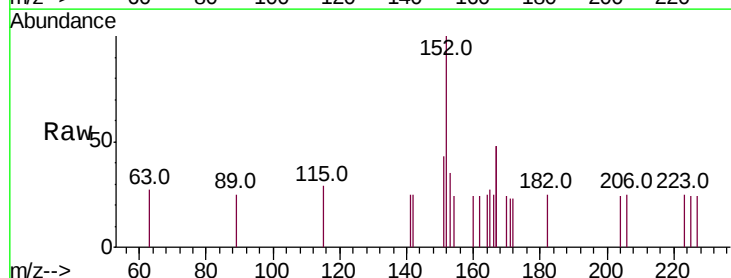
Acq: 14 Dec 2018 4:49

Tgt Ion:152 Resp: 531

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

200

150

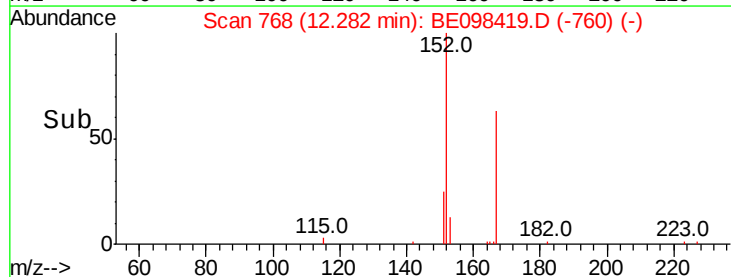
100

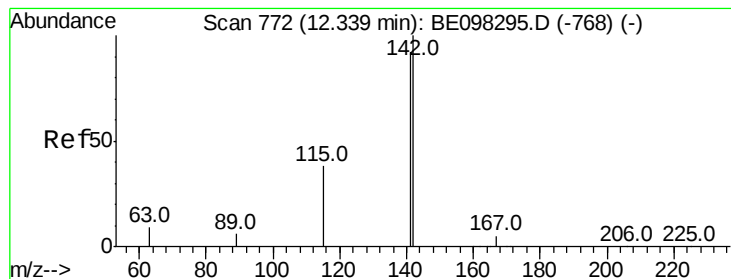
50

0

12.20 12.30 12.40

Time-->





#12

2-Methylnaphthalene

Concen: 0.031 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181204DL

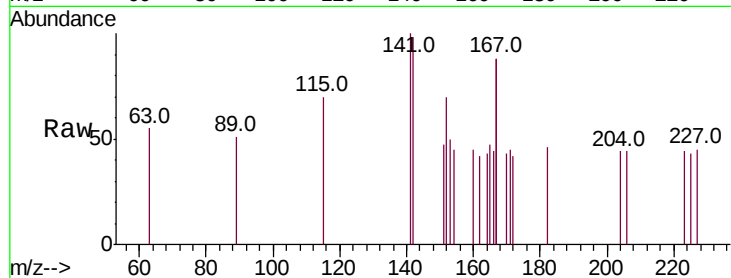
Tot Ion:142 Resp: 207

Ion Ratio Lower Upper

142 100

141 101.9 71.0 106.6

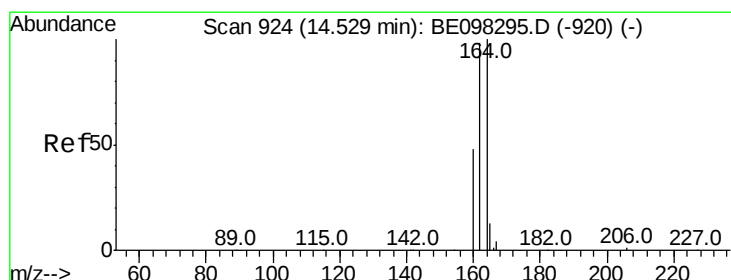
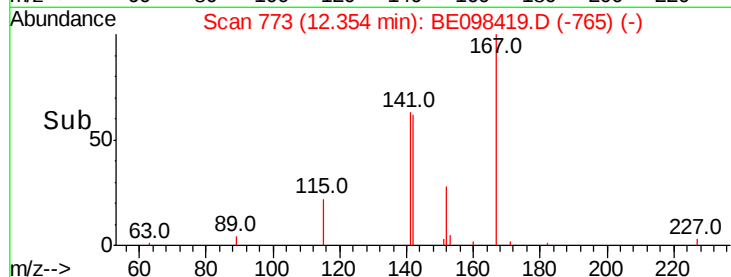
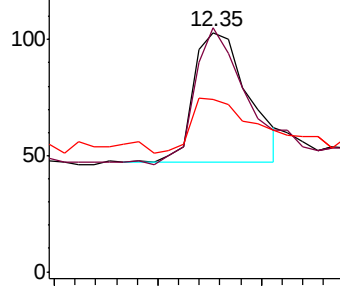
115 71.8 32.2 48.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

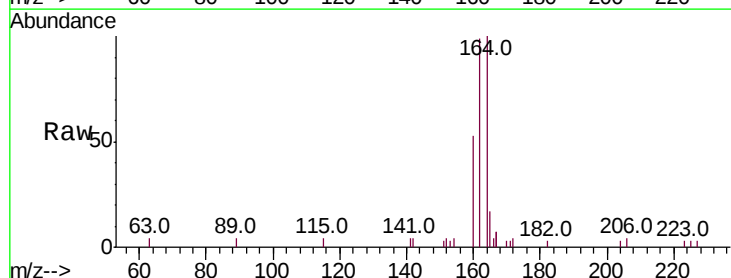
Tgt Ion:164 Resp: 2691

Ion Ratio Lower Upper

164 100

162 99.4 77.6 116.4

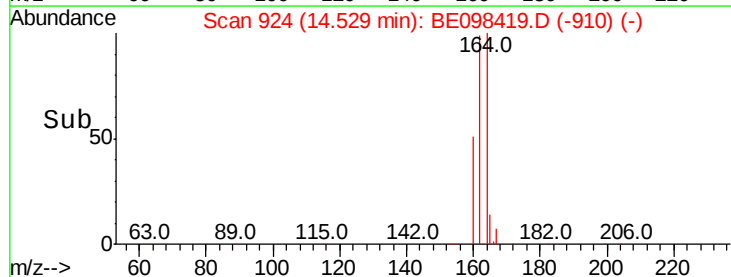
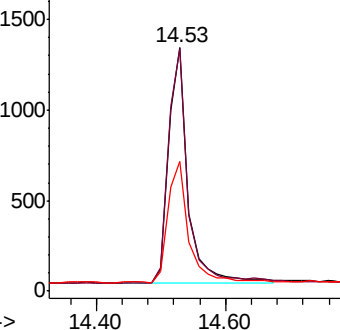
160 53.1 36.0 54.0

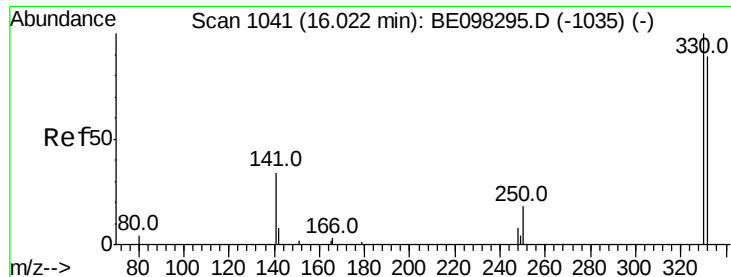


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.095 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181204DL

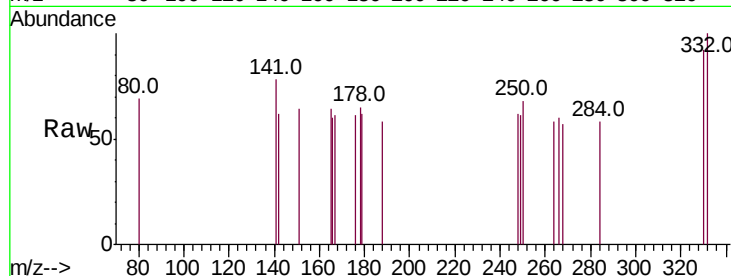
Tot Ion:330 Resp: 94

Ion Ratio Lower Upper

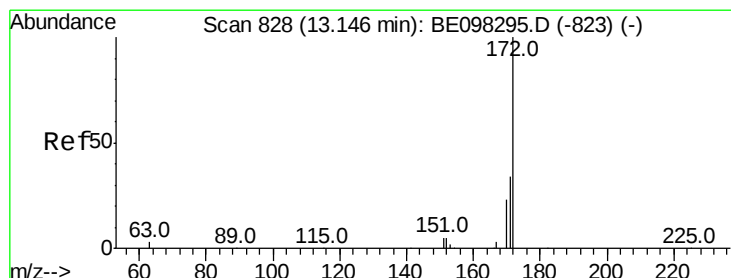
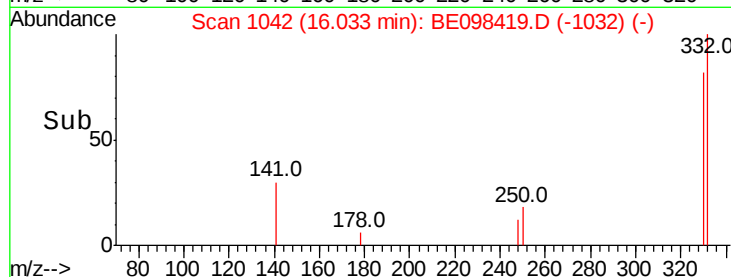
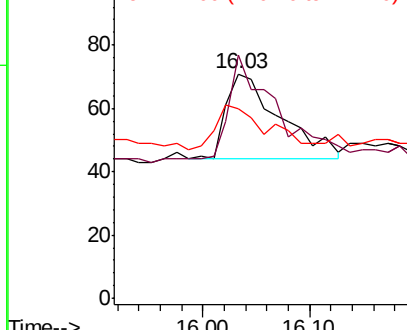
330 100

332 122.3 76.2 114.4#

141 50.0 39.0 58.4



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



#15

2-Fluorobiphenyl

Concen: 0.104 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

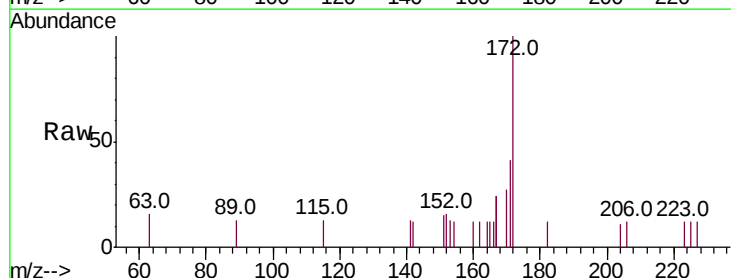
Tgt Ion:172 Resp: 1183

Ion Ratio Lower Upper

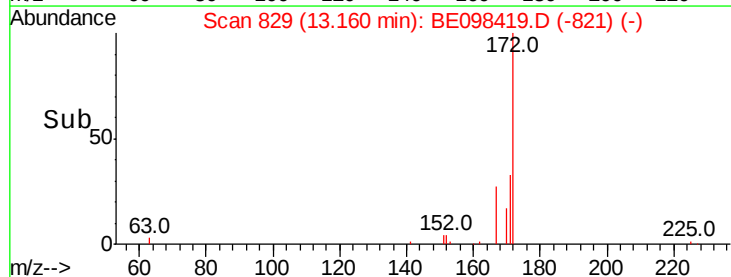
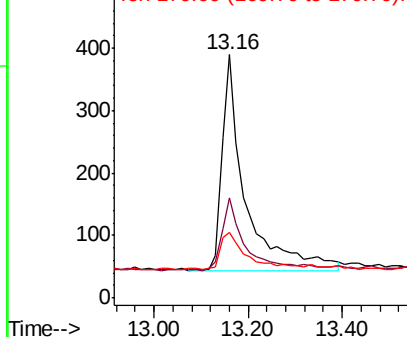
172 100

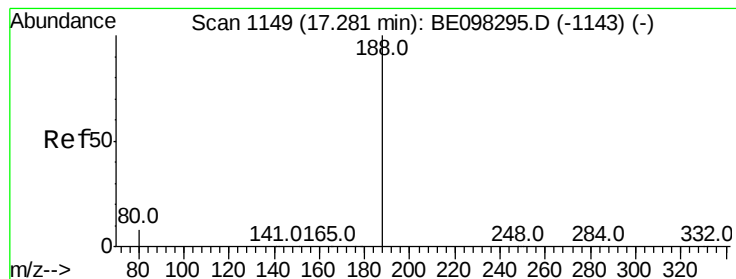
171 41.0 27.5 41.3

170 27.2 19.6 29.4



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181204DL

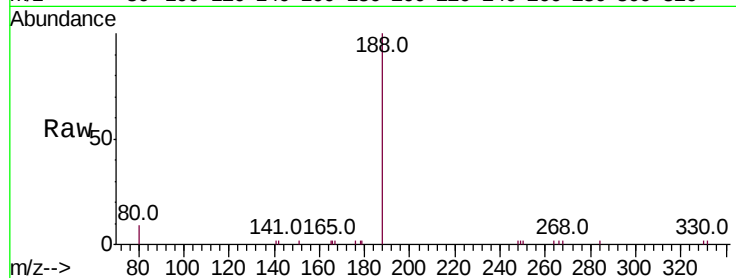
Tot Ion:188 Resp: 7022

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

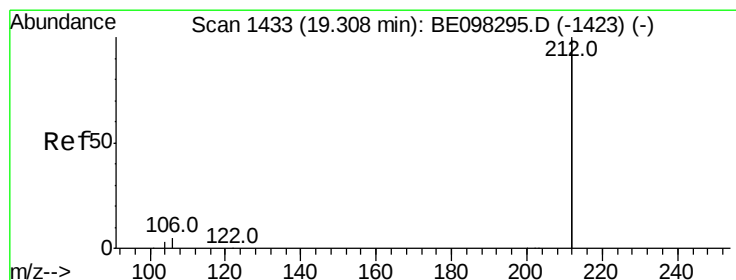
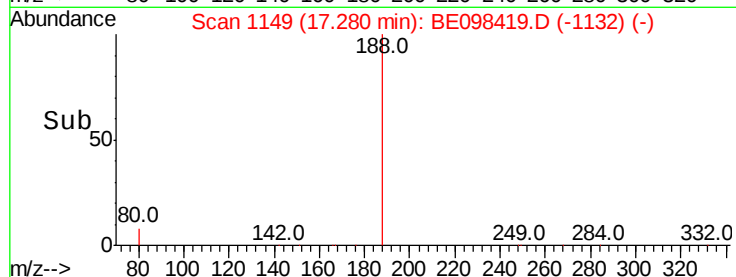
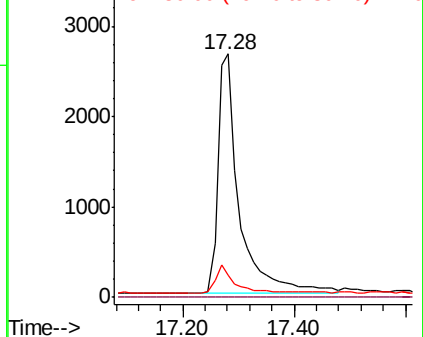
80 9.3 7.2 10.8



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: 0.094 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

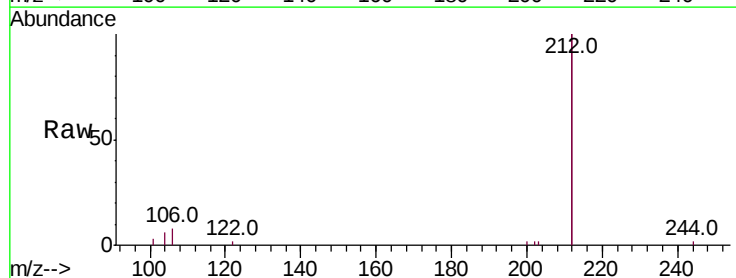
Tgt Ion:212 Resp: 8505

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

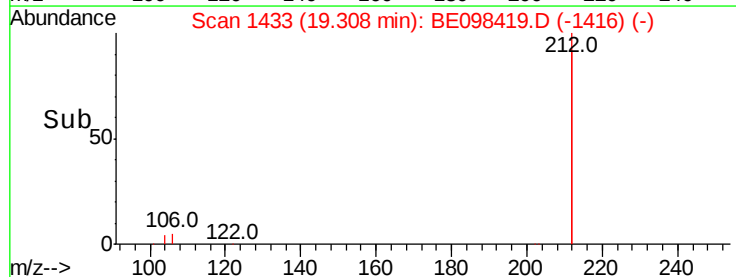
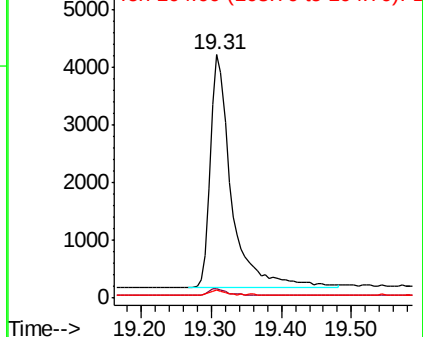
104 1.7 1.3 1.9

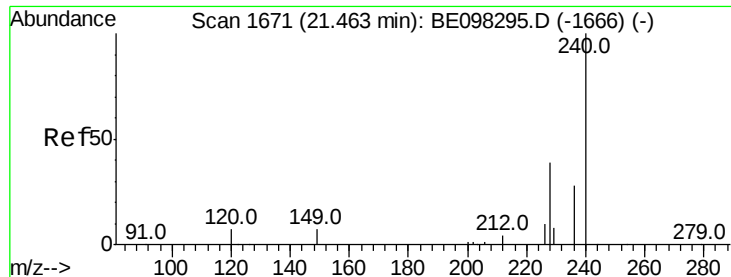


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

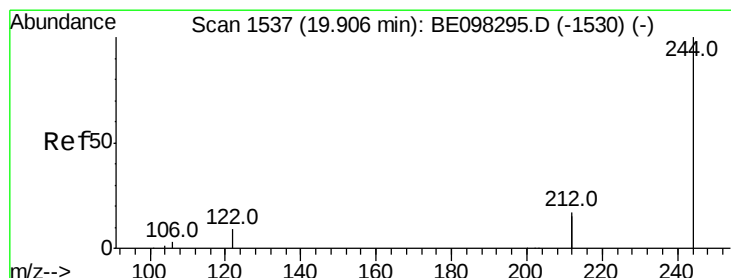
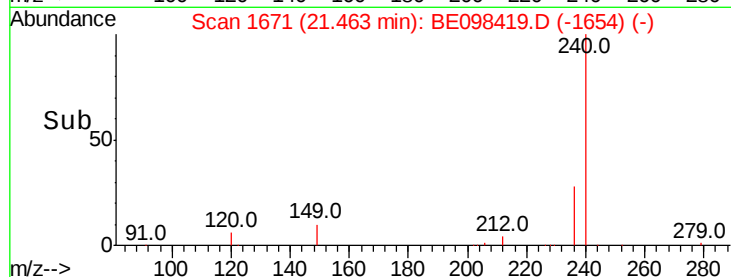
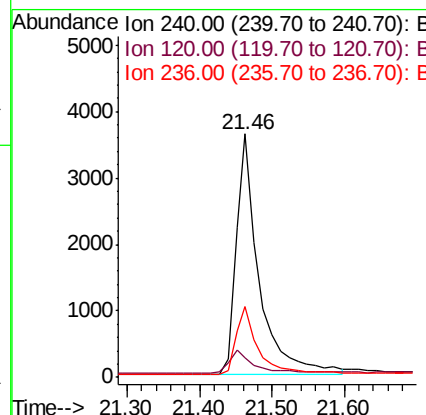
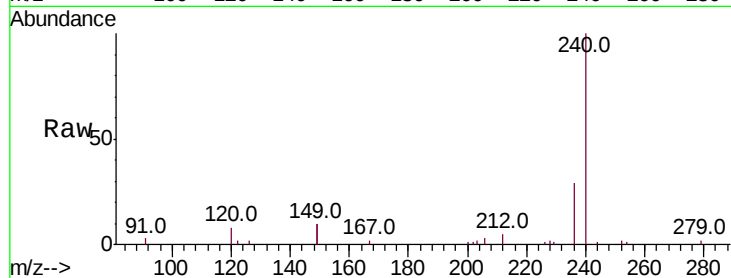




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098419.D
 Acq: 14 Dec 2018 4:49

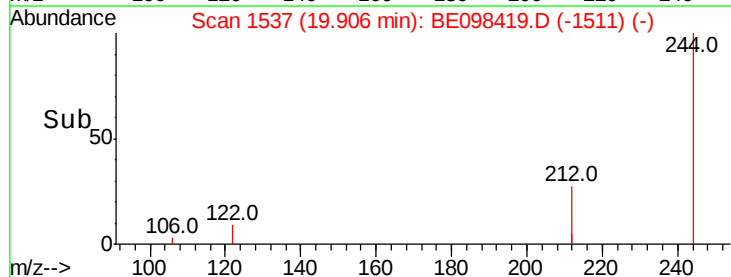
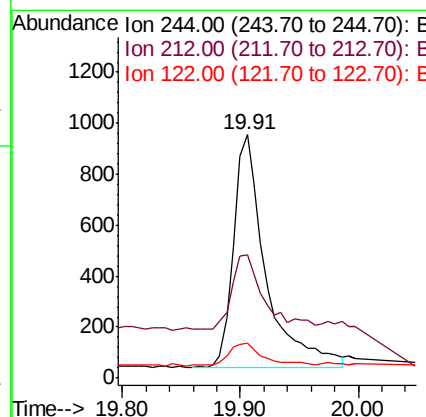
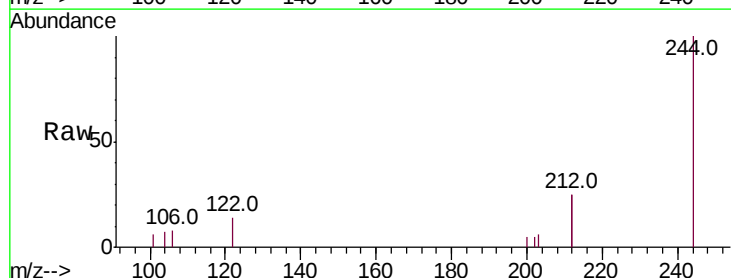
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D1-20181204DL

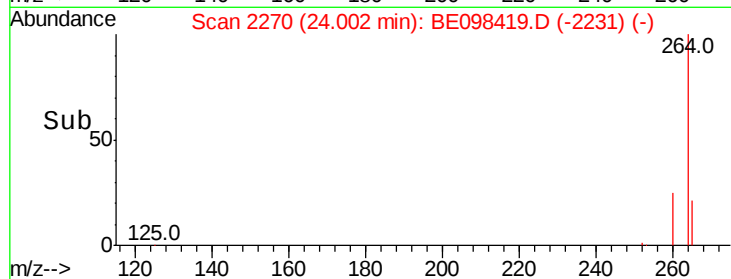
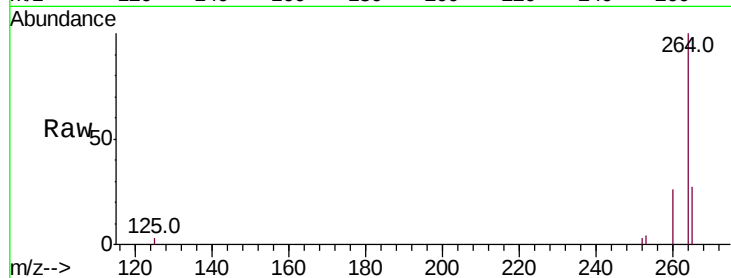
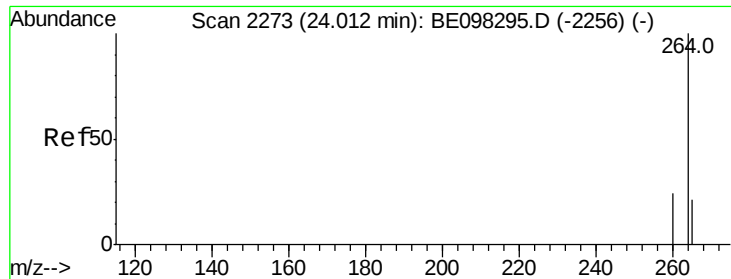
Tot Ion:240 Resp: 7959
 Ion Ratio Lower Upper
 240 100
 120 8.0 9.5 14.3#
 236 29.1 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.089 ng
 RT: 19.91 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BE098419.D
 Acq: 14 Dec 2018 4:49

Tgt Ion:244 Resp: 1714
 Ion Ratio Lower Upper
 244 100
 212 50.6 27.4 41.0#
 122 14.4 8.3 12.5#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098419.D
 Acq: 14 Dec 2018 4:49

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D1-20181204DL

Tot Ion:	264	Resp:	7794
Ion Ratio	Lower	Upper	
264	100		
260	26.2	20.2	30.2
265	27.1	25.2	37.8

