

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 06:09:03 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

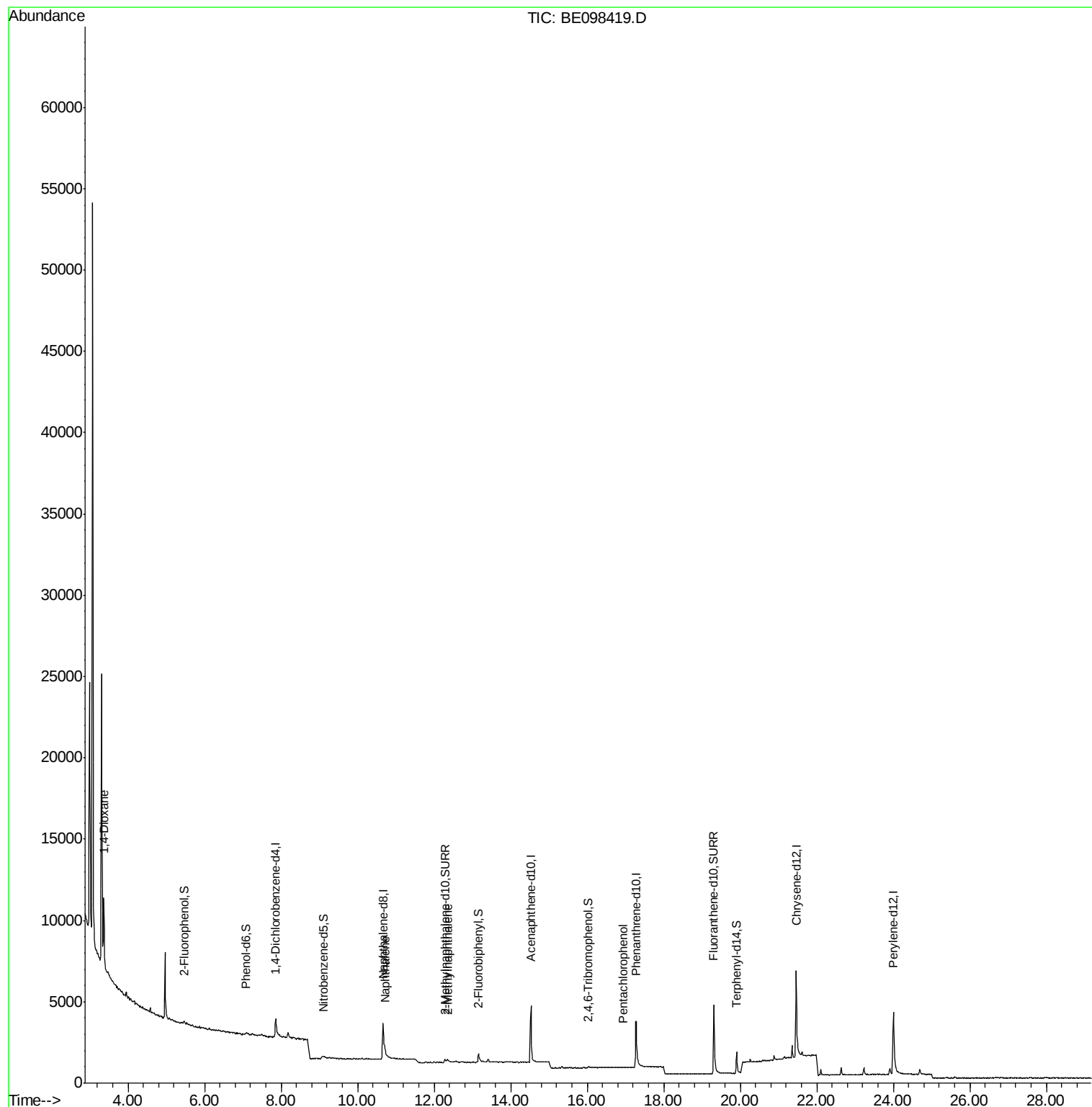
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	902	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4023	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2691	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7022	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7959	0.40	ng	0.00
34) 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	Qvalue # 93
9) Naphthalene	10.72	128	1060	0.026	ng	# 78
12) 2-Methylnaphthalene	12.35	142	207	0.031	ng	# 74
22) Pentachlorophenol	16.93	266	3	0.021	ng	# 67

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

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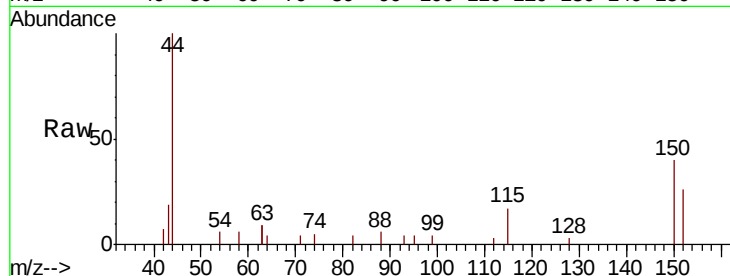


#1

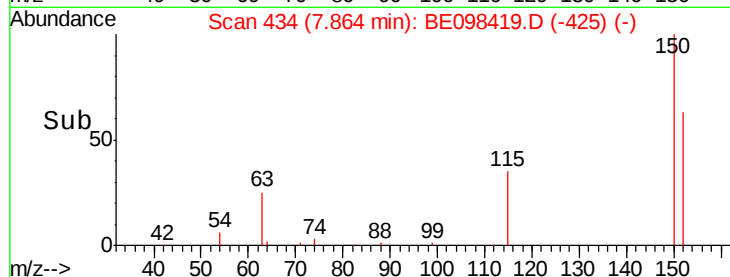
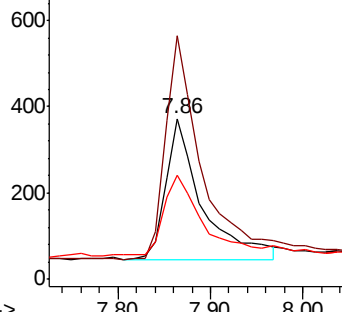
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098419.D
Acq: 14 Dec 2018 4:49

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

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



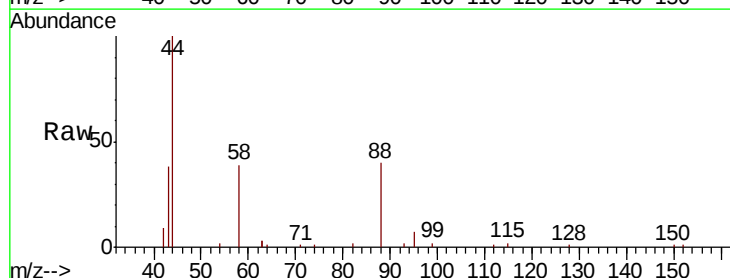
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



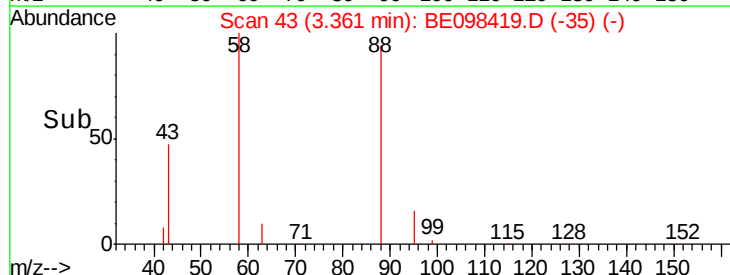
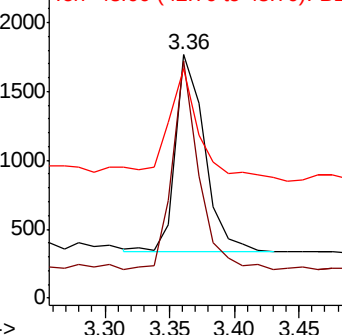
#2

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

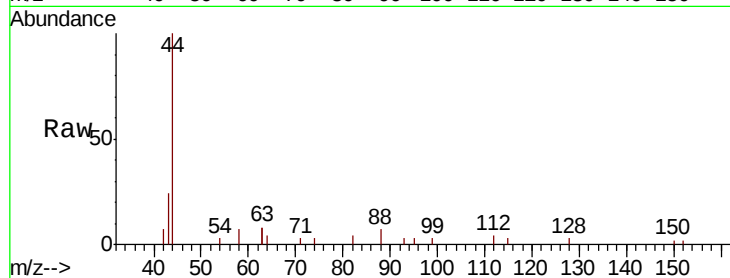
Tgt Ion: 112 Resp: 150

Ion Ratio Lower Upper

112 100

64 75.3 59.8 89.8

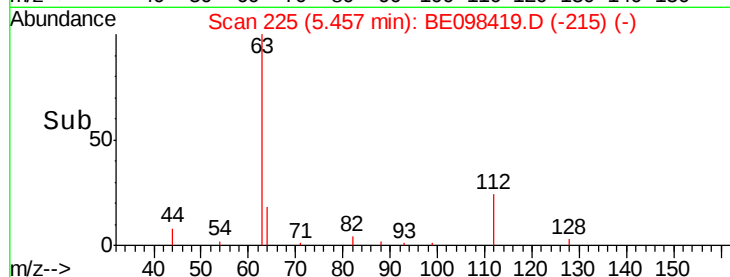
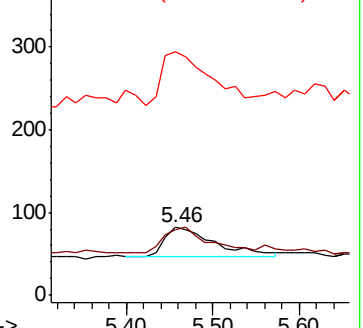
63 168.7 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#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

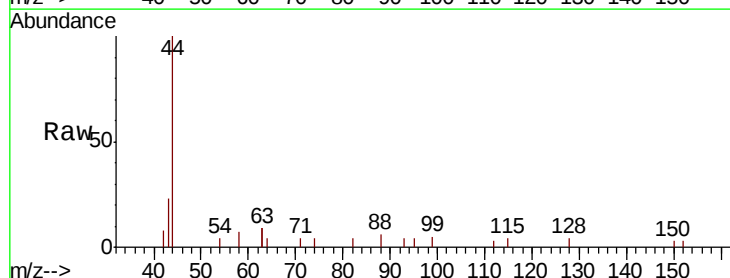
Tgt Ion: 99 Resp: 154

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

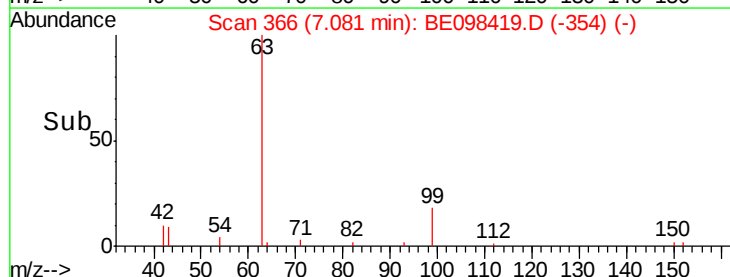
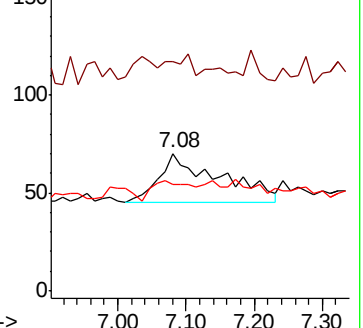
71 25.3 33.6 50.4#



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





#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

Tgt Ion: 136 Resp: 4023

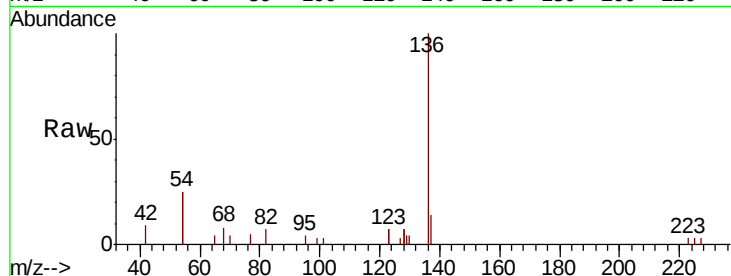
Ion Ratio Lower Upper

136 100

137 14.1 9.2 13.8#

54 49.1 28.4 42.6#

68 8.2 5.4 8.0#

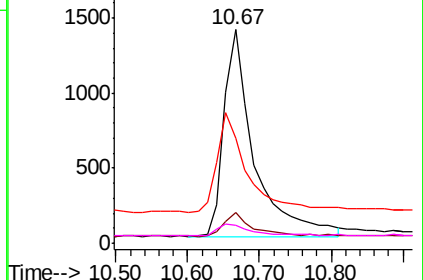
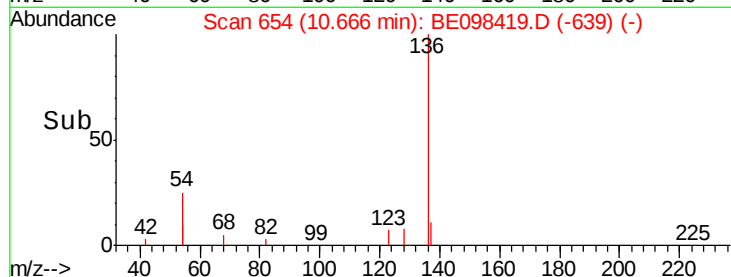


Abundance Ion 136.00 (135.70 to 136.70): E

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

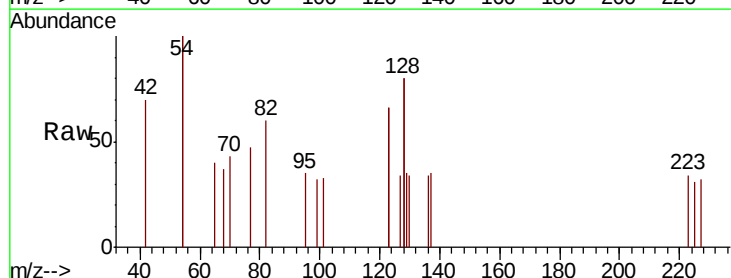
Tgt Ion: 82 Resp: 233

Ion Ratio Lower Upper

82 100

128 265.9 102.4 153.6#

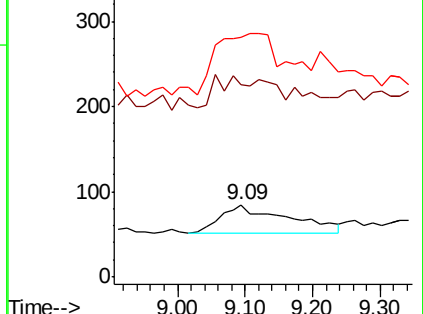
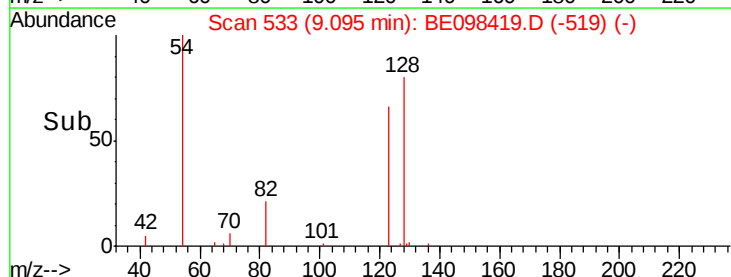
54 331.8 221.8 332.8

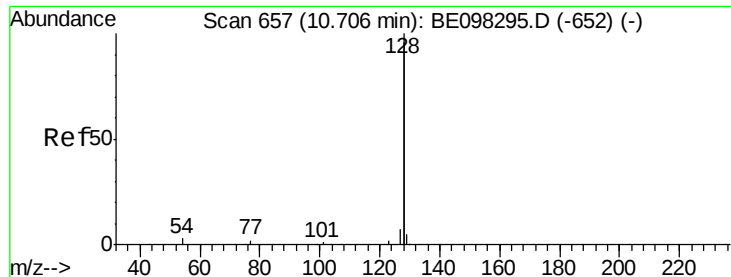


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

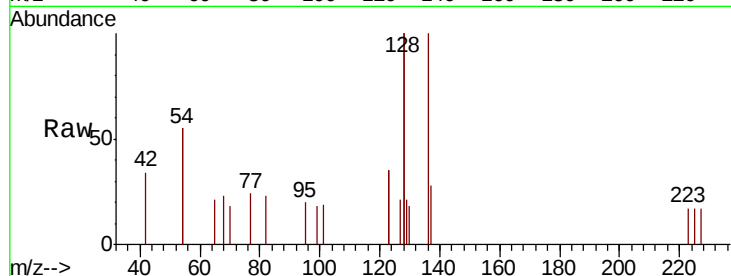
Tgt Ion:128 Resp: 1060

Ion Ratio Lower Upper

128 100

129 10.3 2.5 3.7#

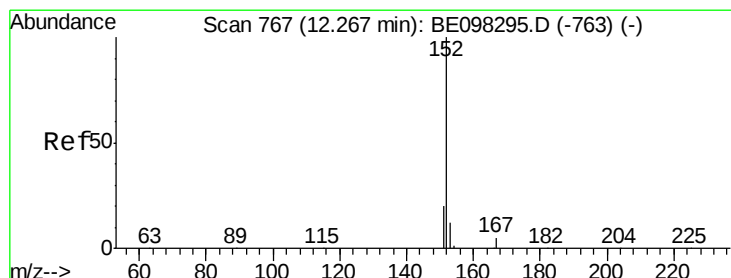
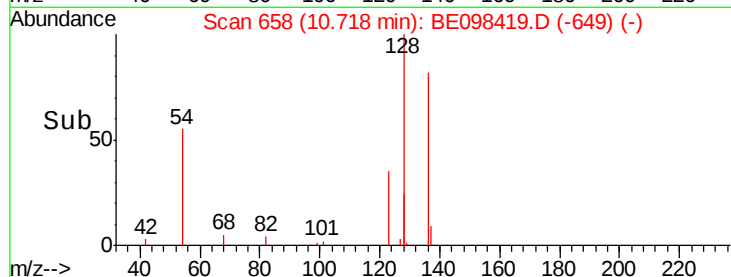
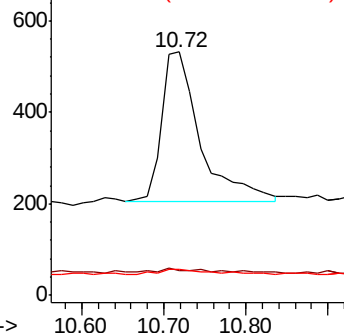
127 10.7 2.7 4.1#



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



#11

2-Methylnaphthalene-d10

Concen: 0.081 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098419.D

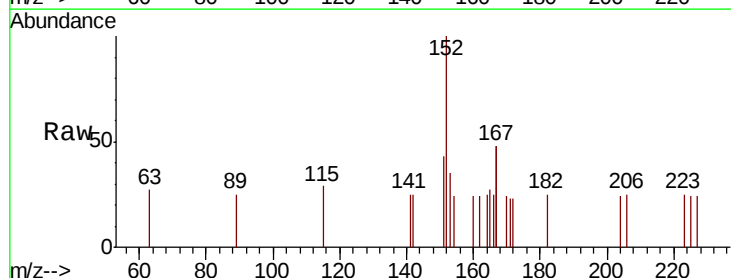
Acq: 14 Dec 2018 4:49

Tgt Ion:152 Resp: 531

Ion Ratio Lower Upper

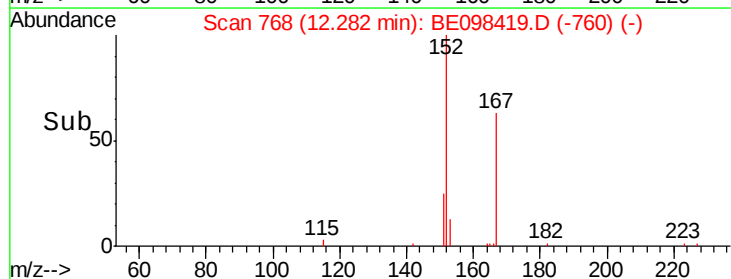
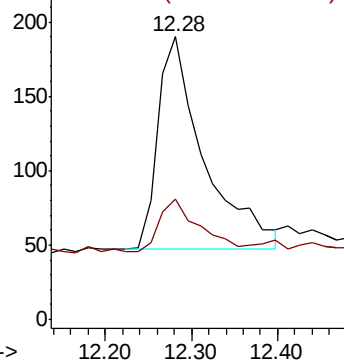
152 100

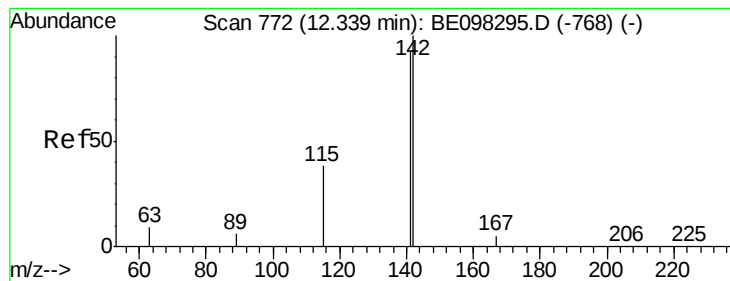
151 21.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

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

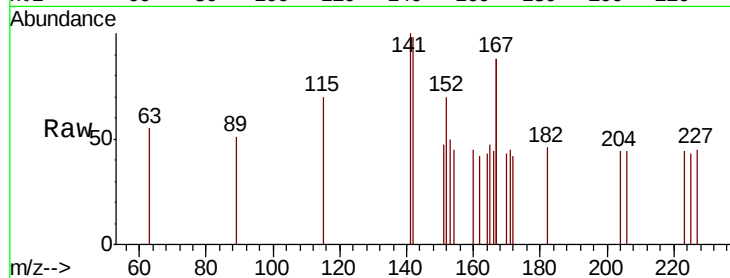
Tgt Ion:142 Resp: 207

Ion Ratio Lower Upper

142 100

141 101.9 71.0 106.6

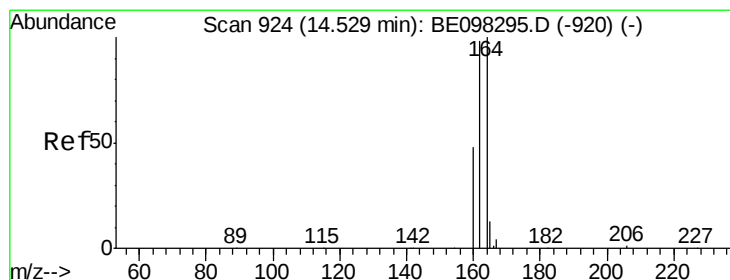
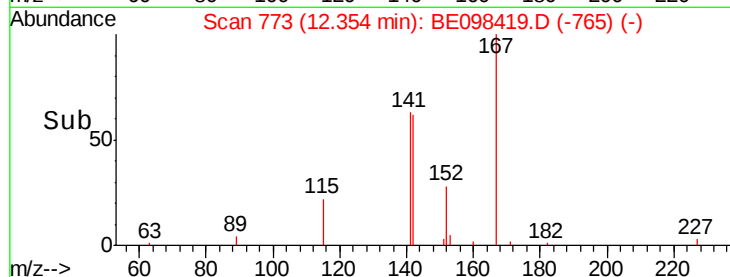
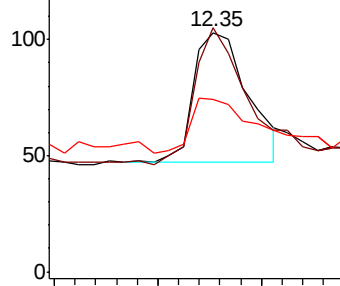
115 71.8 32.2 48.2#



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

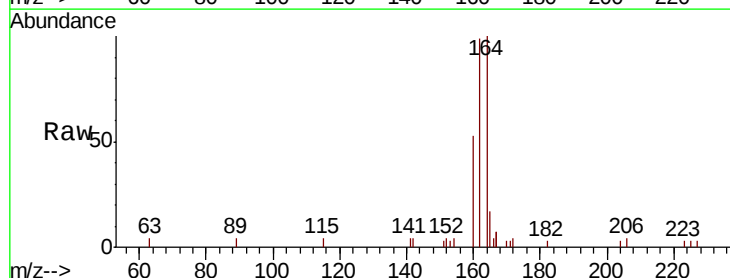
Tgt Ion:164 Resp: 2691

Ion Ratio Lower Upper

164 100

162 99.4 77.6 116.4

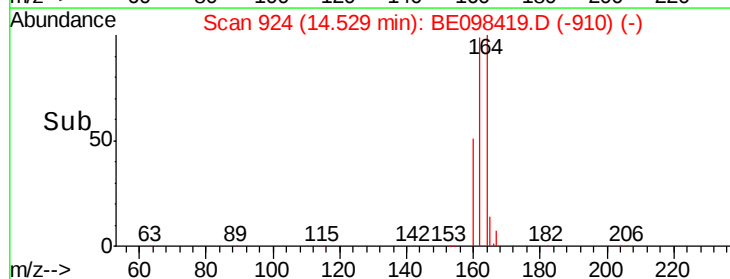
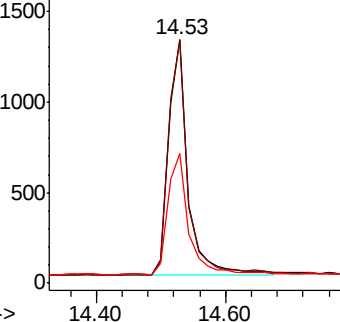
160 53.1 36.0 54.0

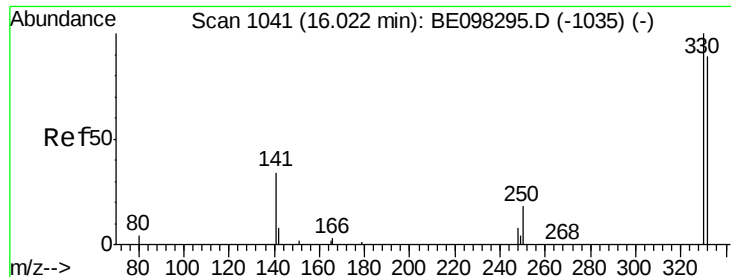


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

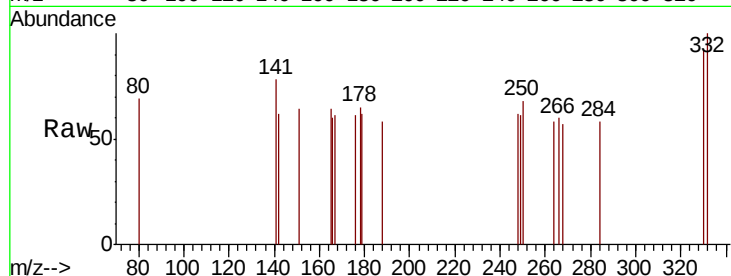




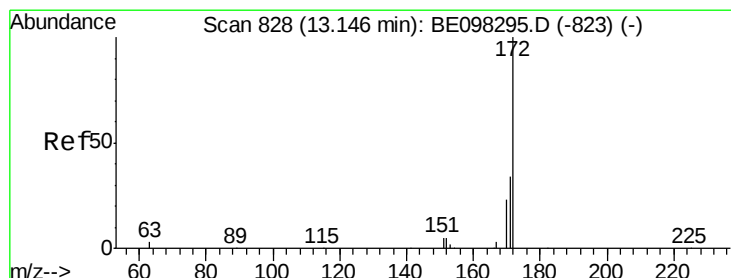
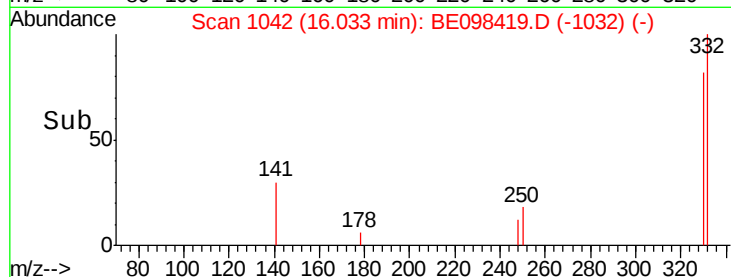
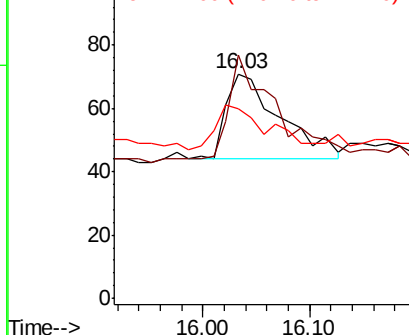
#14
 2,4,6-Tribromophenol
 Concen: 0.095 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098419.D
 Acq: 14 Dec 2018 4:49

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

Tgt Ion: 330 Resp: 94
 Ion Ratio Lower Upper
 330 100
 332 122.3 76.2 114.4#
 141 50.0 39.0 58.4

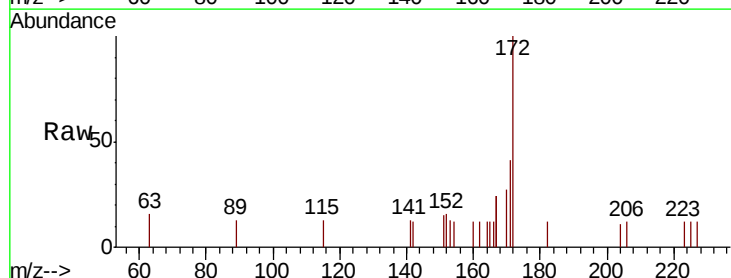


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

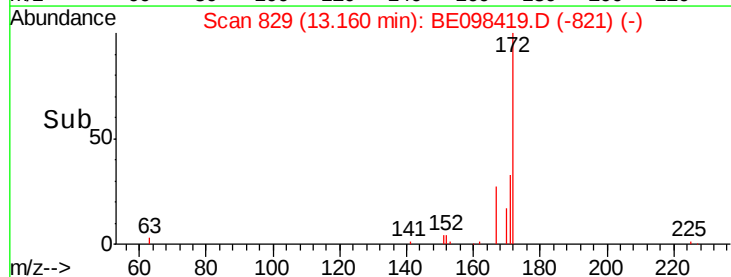
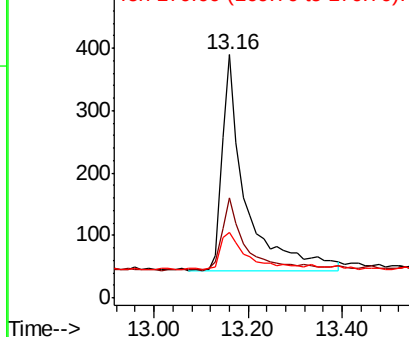


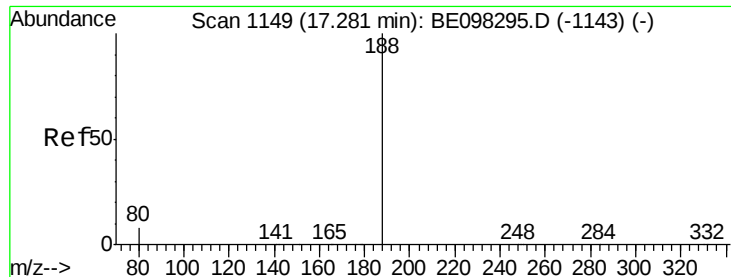
#15
 2-Fluorobiphenyl
 Concen: 0.104 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098419.D
 Acq: 14 Dec 2018 4:49

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 :

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RE-125D1-20181204DL

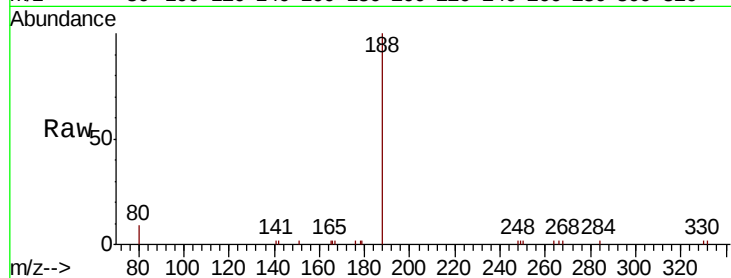
Tgt Ion:188 Resp: 7022

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

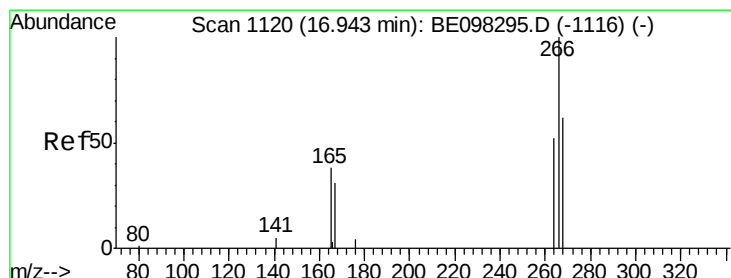
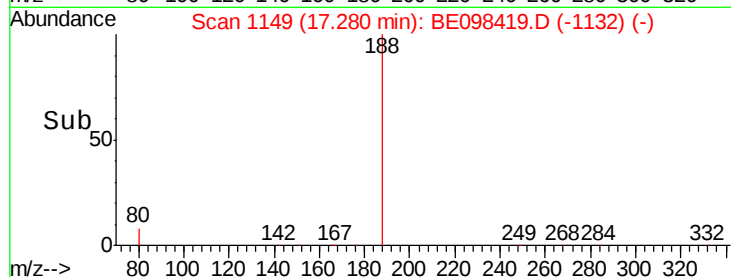
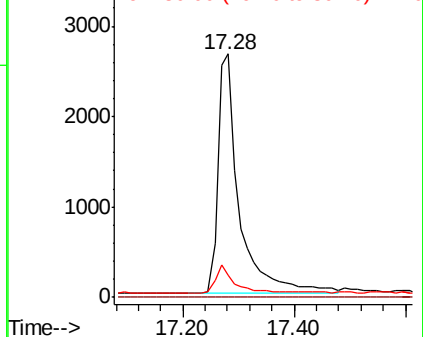
80 9.3 7.2 10.8



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



#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

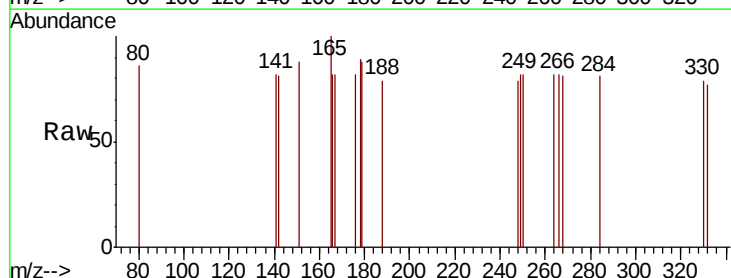
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 100.0 59.0 88.4#

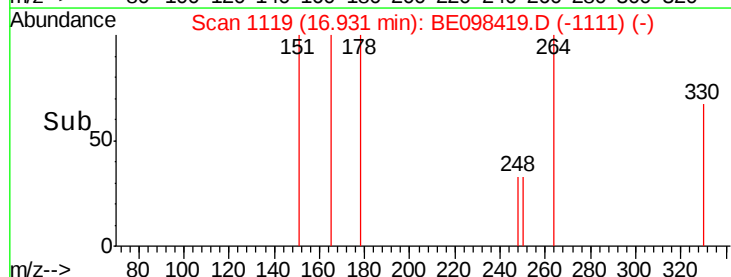
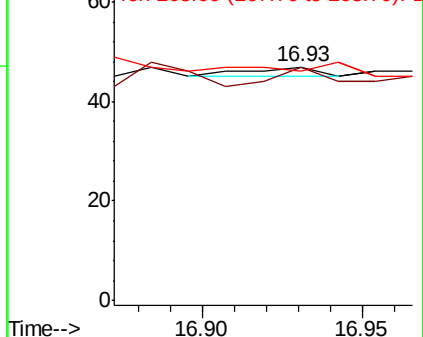
268 97.9 55.1 82.7#

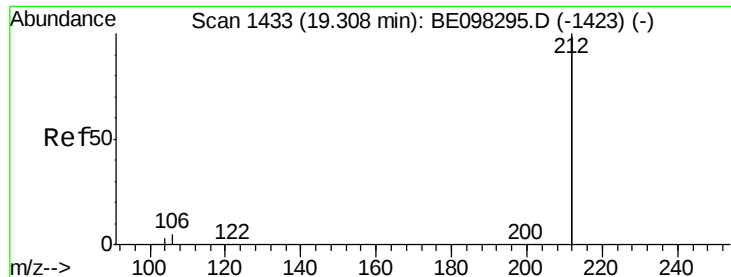


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#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

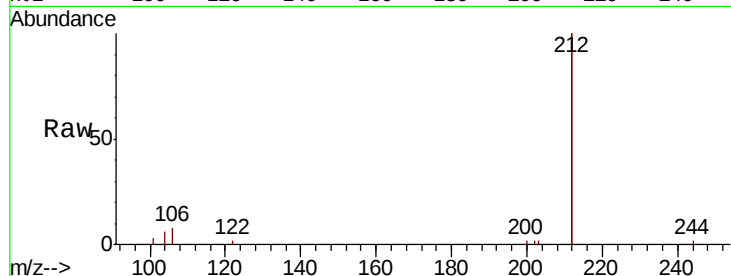
Instrument :

BNA_E

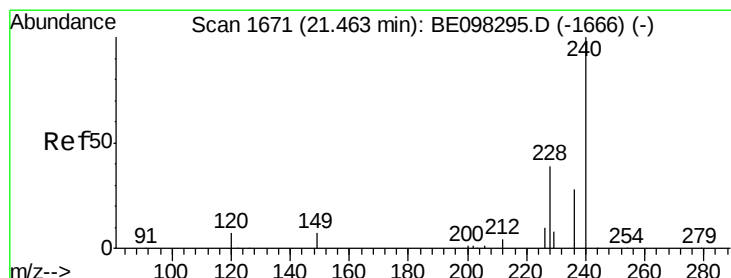
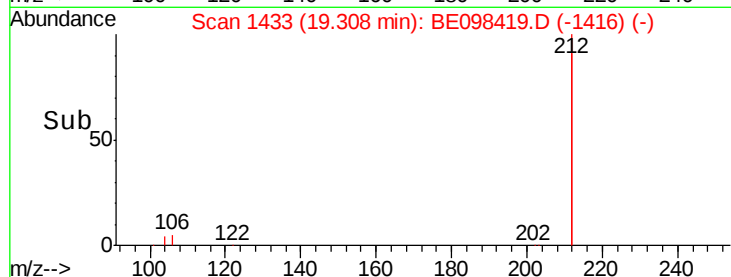
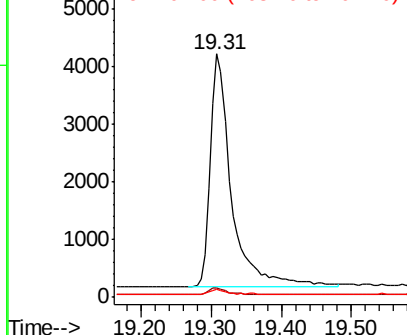
ClientSampleId :

RE-125D1-20181204DL

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

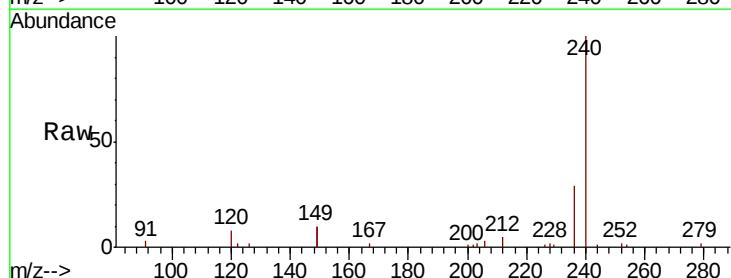
RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

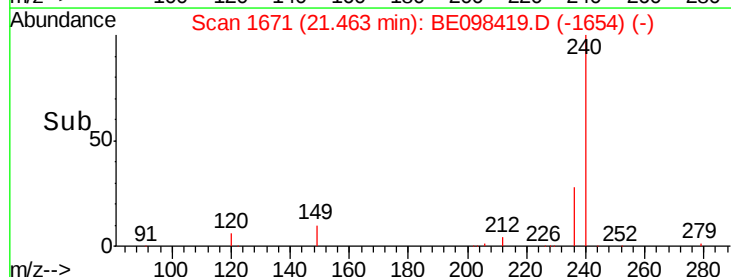
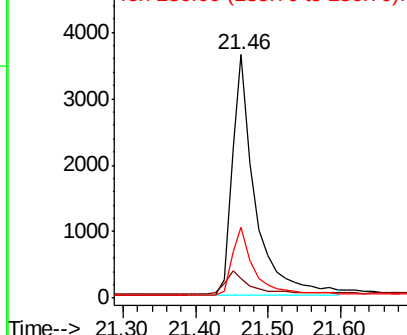
Lab File: BE098419.D

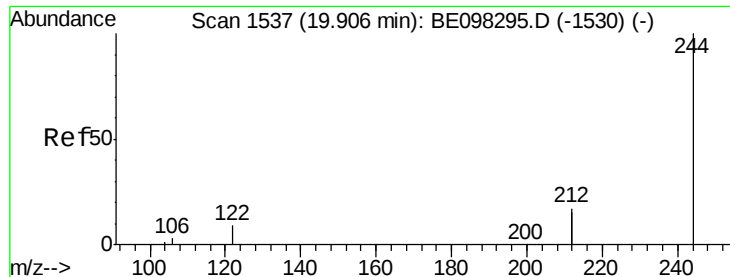
Acq: 14 Dec 2018 4:49

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



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: 0.089 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098419.D

Acq: 14 Dec 2018 4:49

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181204DL

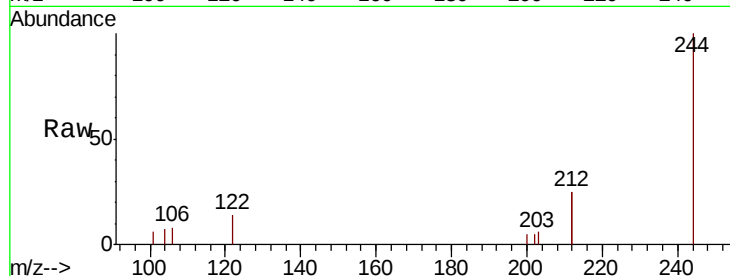
Tgt Ion:244 Resp: 1714

Ion Ratio Lower Upper

244 100

212 50.6 27.4 41.0#

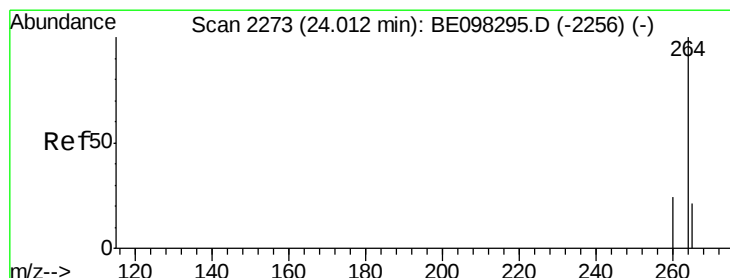
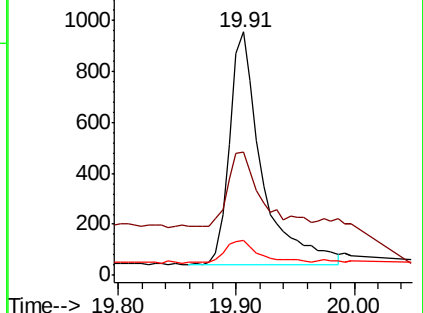
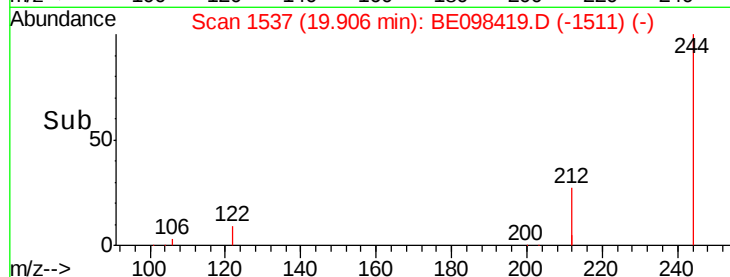
122 14.4 8.3 12.5#



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



#34

Perylene-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

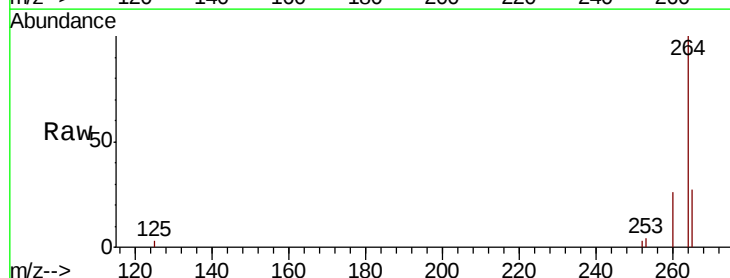
Tgt Ion:264 Resp: 7794

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 27.1 25.2 37.8



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

