

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098367.D
 Acq On : 12 Dec 2018 18:49
 Operator : SJ/JU
 Sample : J6324-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D1-20181205

Quant Time: Dec 13 05:52:47 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

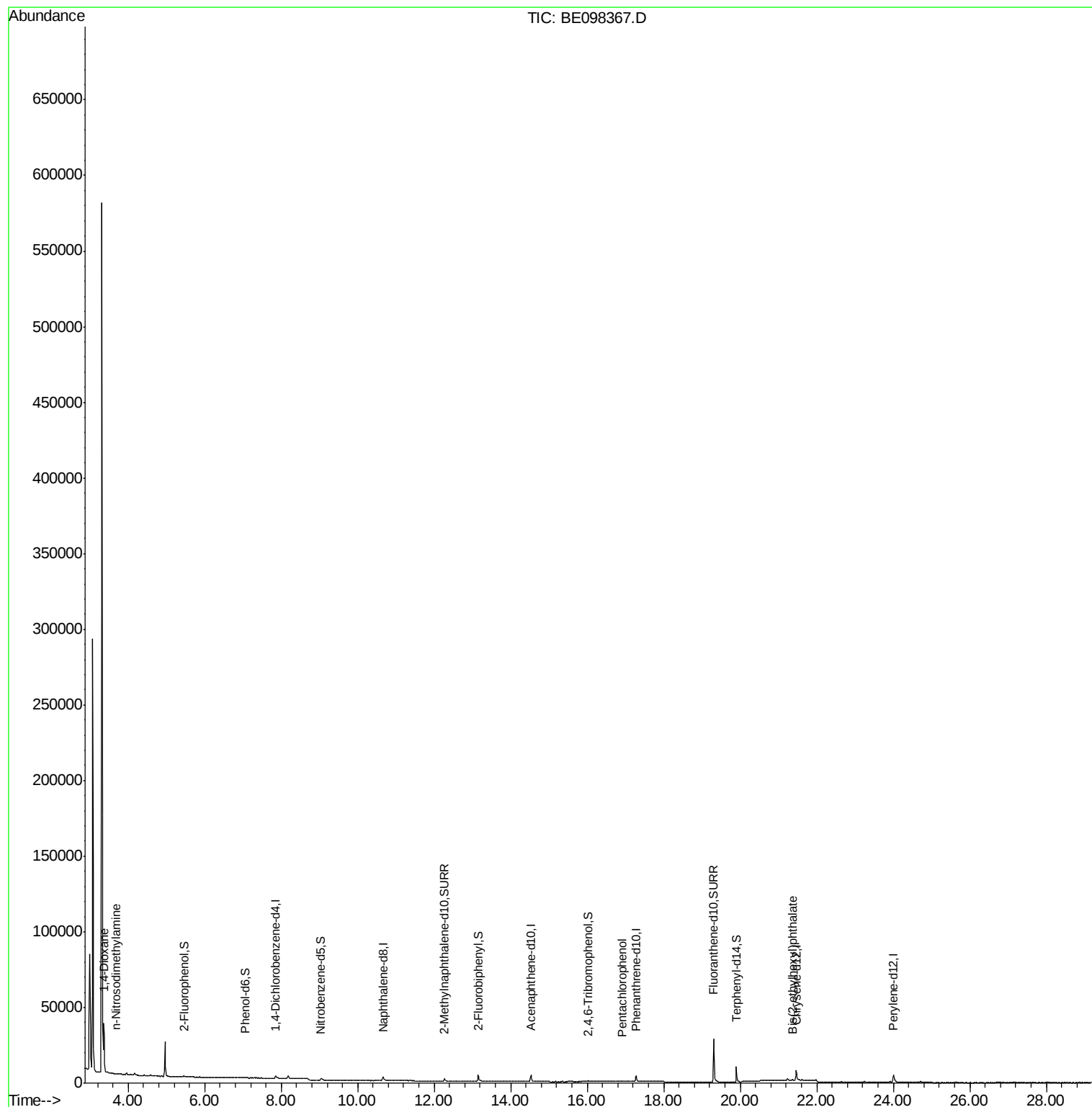
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1028	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4434	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2929	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7985	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9342	0.40	ng	0.00
34) Perylene-d12	24.01	264	9110	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	629	0.26	ng	0.00
5) Phenol-d6	7.07	99	357	0.10	ng	0.02
8) Nitrobenzene-d5	9.04	82	1532	0.38	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3235	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	557	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6250	0.51	ng	0.00
25) Fluoranthene-d10	19.31	212	46793	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	10813	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	15530	8.735	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.68	42	57	0.036	ng	# 100
22) Pentachlorophenol	16.92	266	8	0.027	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.37	149	1138	0.021	ng	# 96

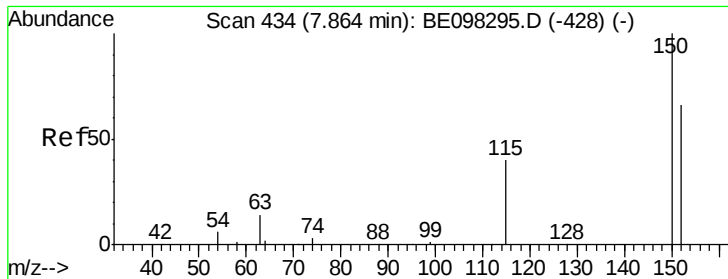
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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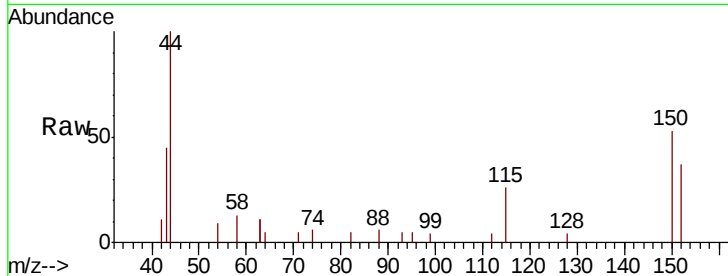


#1

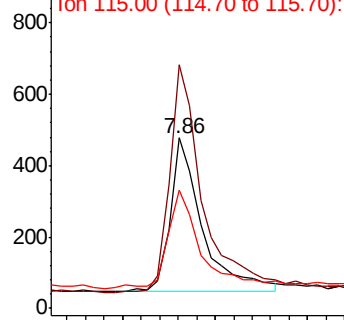
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098367.D
Acq: 12 Dec 2018 18:49

Instrument :
BNA_E
ClientSampleId :
RE-120D1-20181205

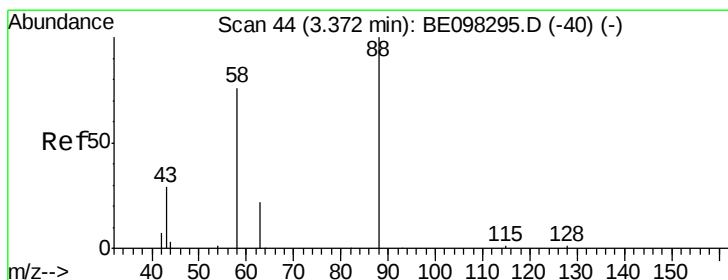
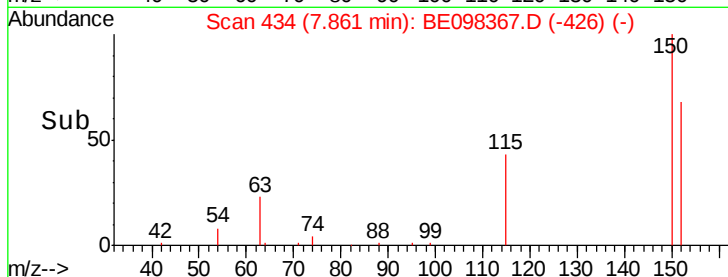
Tgt Ion: 152 Resp: 1028
Ion Ratio Lower Upper
152 100
150 142.7 124.2 186.4
115 69.2 53.9 80.9



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



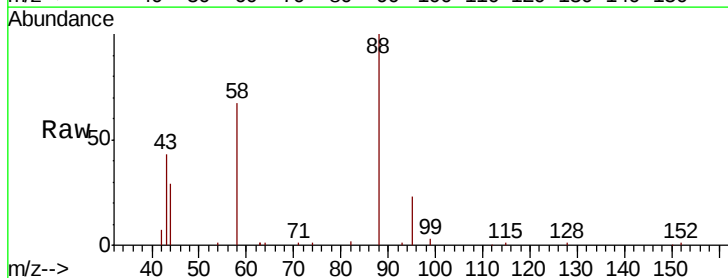
Time-->



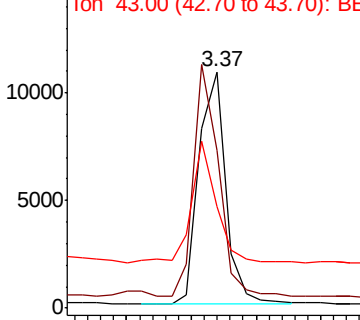
#2

1,4-Dioxane
Concen: 8.735 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098367.D
Acq: 12 Dec 2018 18:49

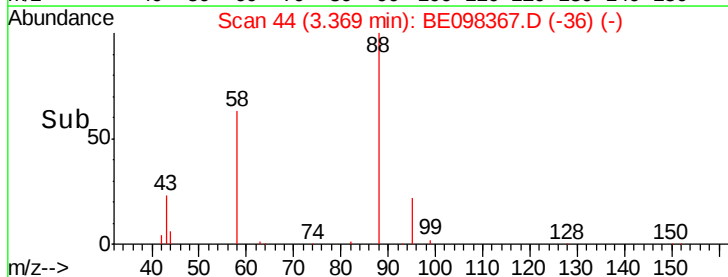
Tgt Ion: 88 Resp: 15530
Ion Ratio Lower Upper
88 100
58 91.5 75.0 112.6
43 47.7 38.3 57.5



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



Time-->



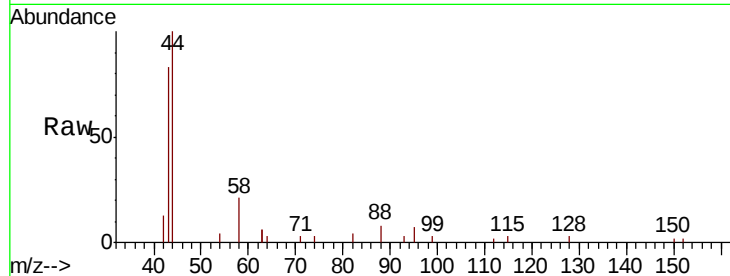


#3

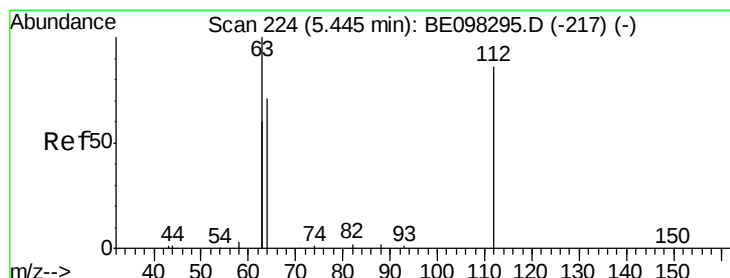
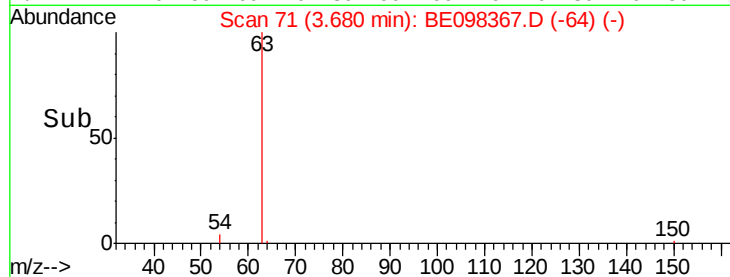
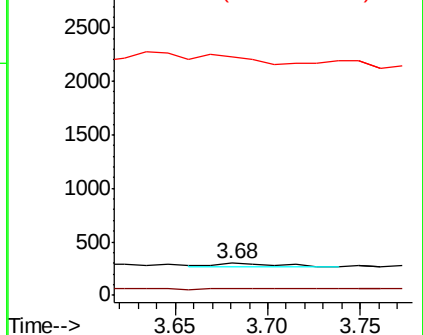
n-Nitrosodimethylamine
 Concen: 0.036 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098367.D
 Acq: 12 Dec 2018 18:49

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D1-20181205

Tgt Ion:	42	Resp:	57
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



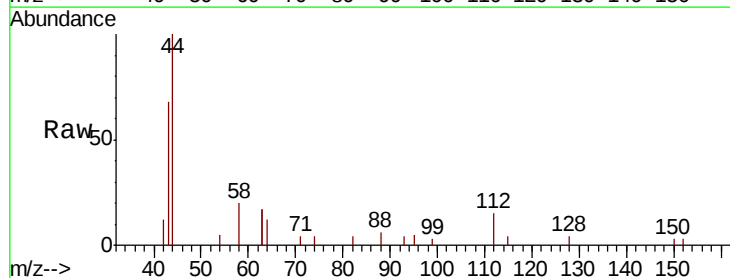
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



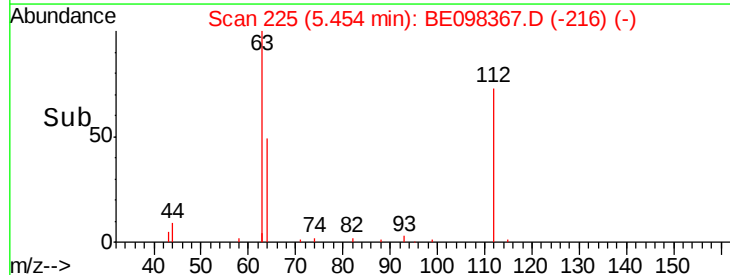
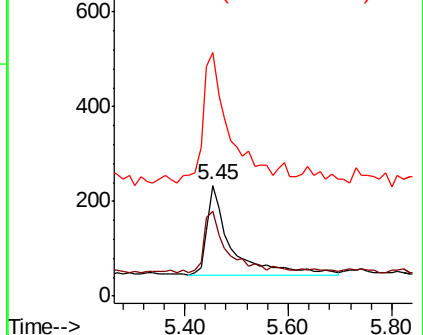
#4

2-Fluorophenol
 Concen: 0.261 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098367.D
 Acq: 12 Dec 2018 18:49

Tgt Ion:	112	Resp:	629
Ion	Ratio	Lower	Upper
112	100		
64	61.8	59.8	89.8
63	151.0	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





#5

Phenol-d6

Concen: 0.105 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098367.D

Acq: 12 Dec 2018 18:49

Instrument :

BNA_E

ClientSampleId :

RE-120D1-20181205

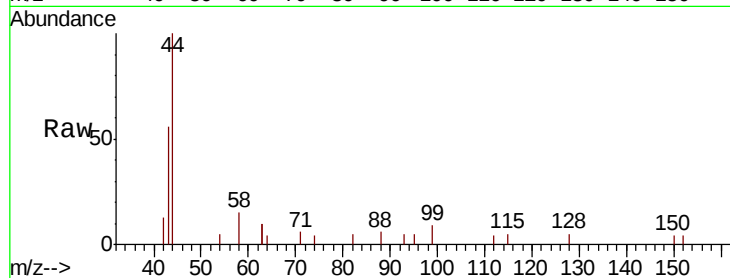
Tgt Ion: 99 Resp: 357

Ion Ratio Lower Upper

99 100

42 22.4 26.3 39.5#

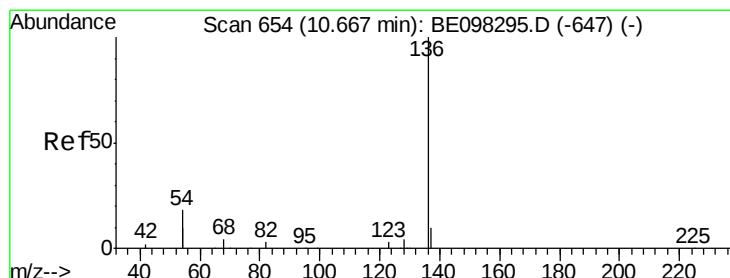
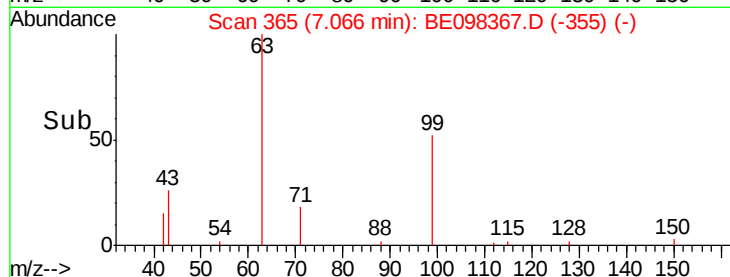
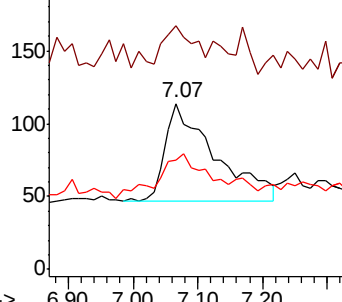
71 43.4 33.6 50.4



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: BE098367.D

Acq: 12 Dec 2018 18:49

Tgt Ion: 136 Resp: 4434

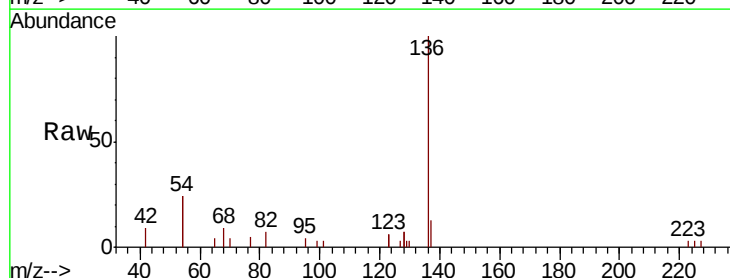
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 47.5 28.4 42.6#

68 8.6 5.4 8.0#

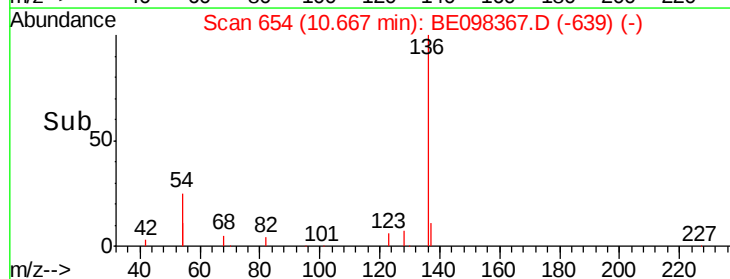
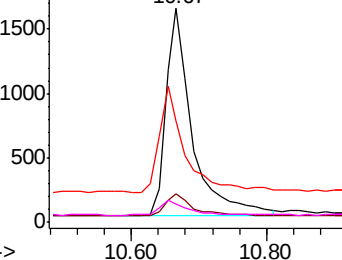


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098367.D

Acq: 12 Dec 2018 18:49

Instrument :

BNA_E

ClientSampleId :

RE-120D1-20181205

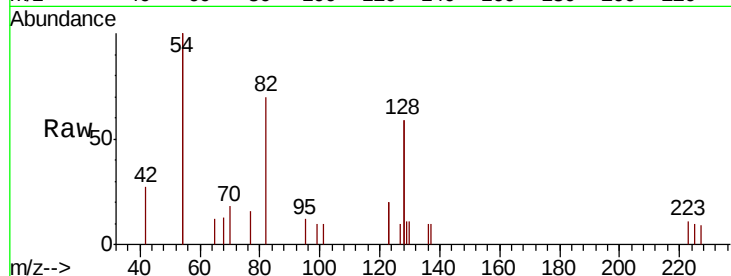
Tgt Ion: 82 Resp: 1532

Ion Ratio Lower Upper

82 100

128 169.5 102.4 153.6#

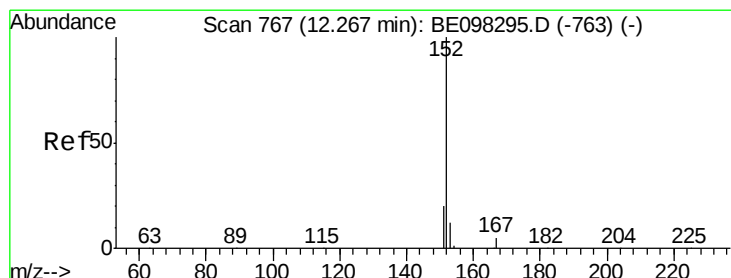
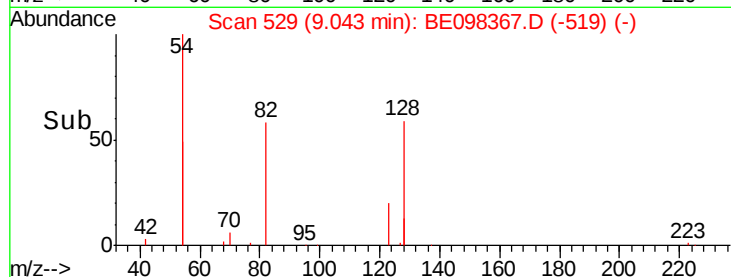
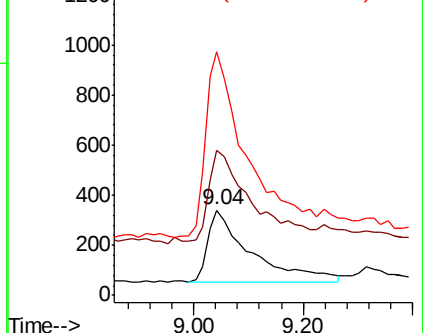
54 285.0 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098367.D

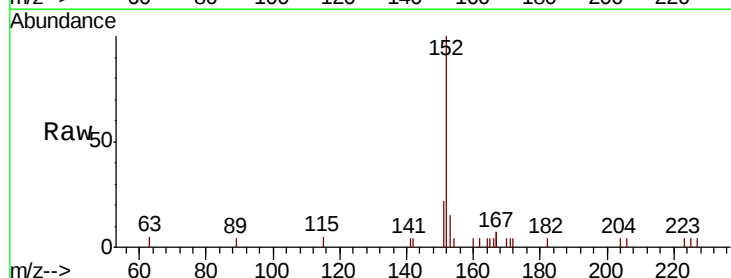
Acq: 12 Dec 2018 18:49

Tgt Ion: 152 Resp: 3235

Ion Ratio Lower Upper

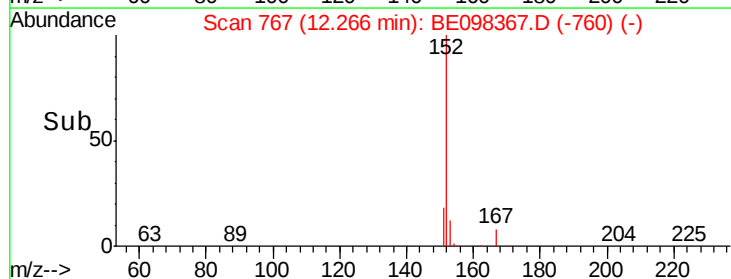
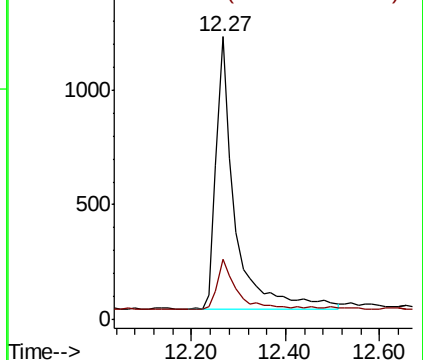
152 100

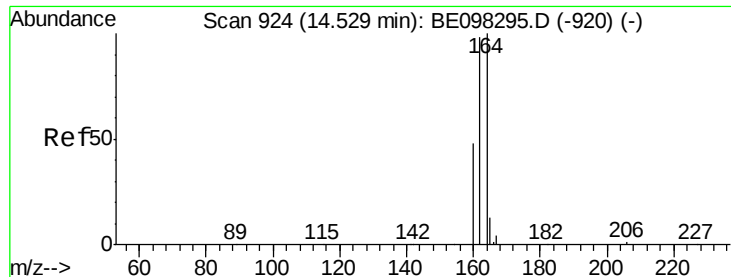
151 18.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098367.D

Acq: 12 Dec 2018 18:49

Instrument :

BNA_E

ClientSampleId :

RE-120D1-20181205

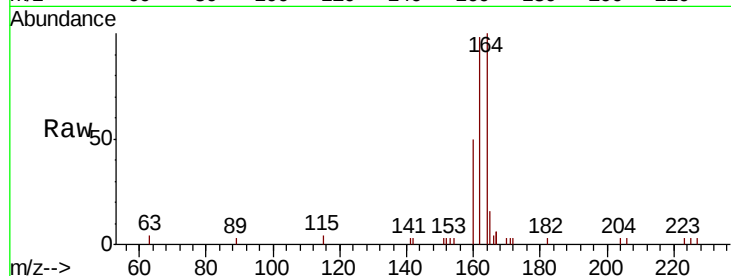
Tgt Ion:164 Resp: 2929

Ion Ratio Lower Upper

164 100

162 97.7 77.6 116.4

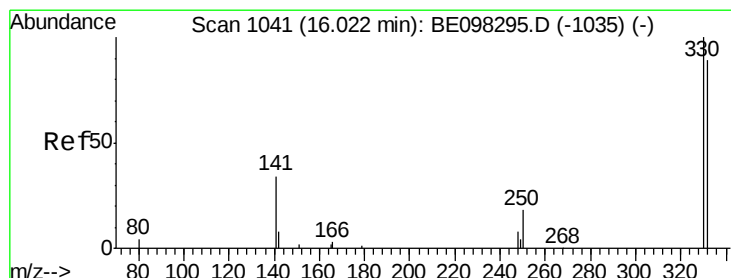
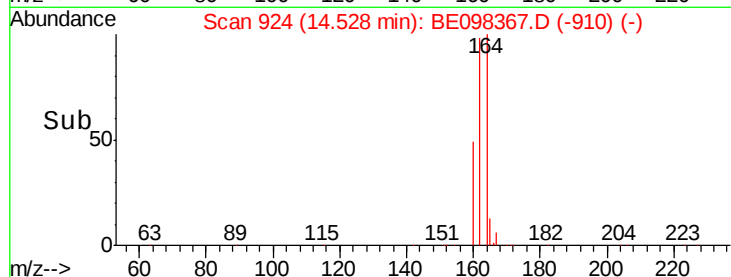
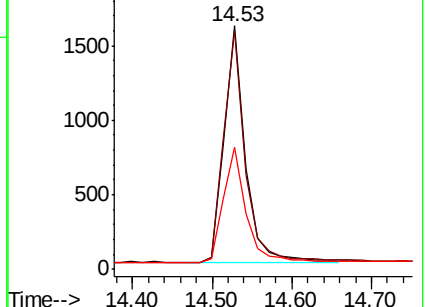
160 49.9 36.0 54.0



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: 0.518 ng

RT: 16.02 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE098367.D

Acq: 12 Dec 2018 18:49

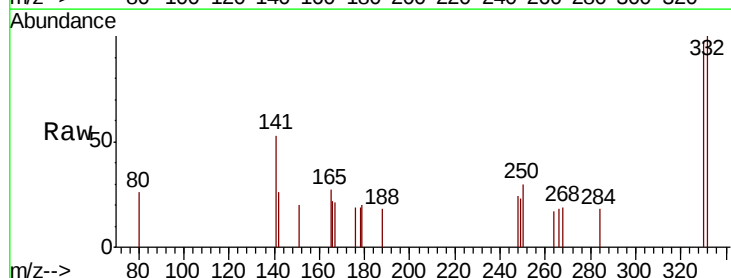
Tgt Ion:330 Resp: 557

Ion Ratio Lower Upper

330 100

332 104.5 76.2 114.4

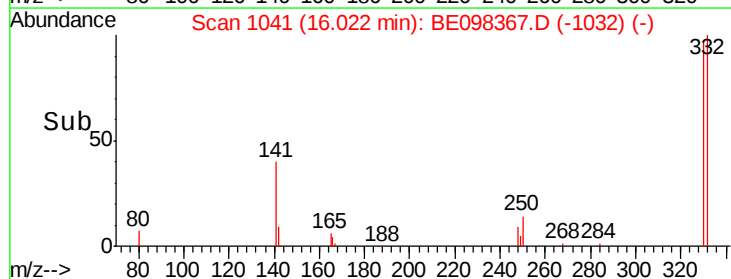
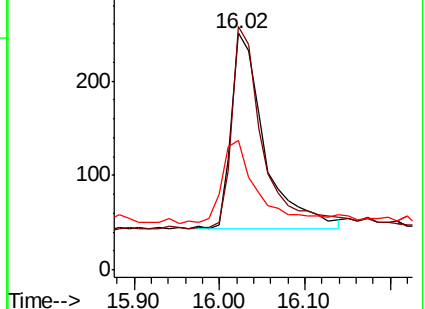
141 46.3 39.0 58.4

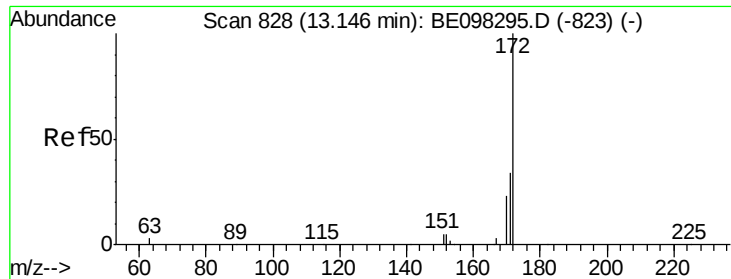


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

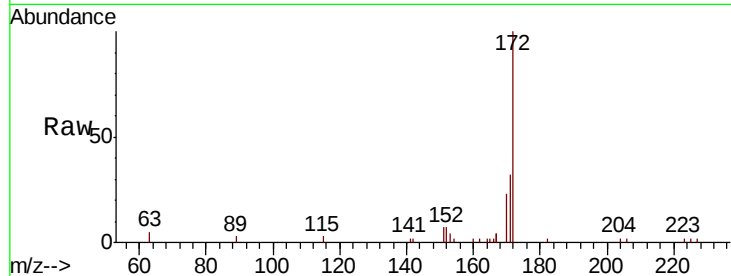




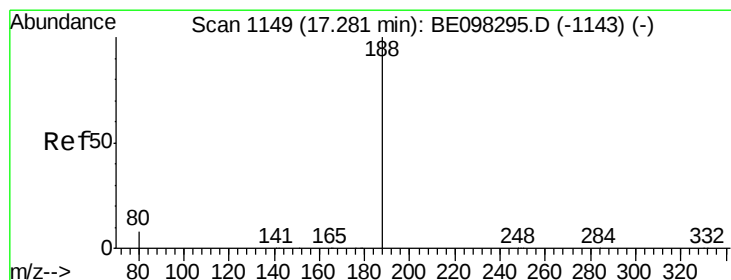
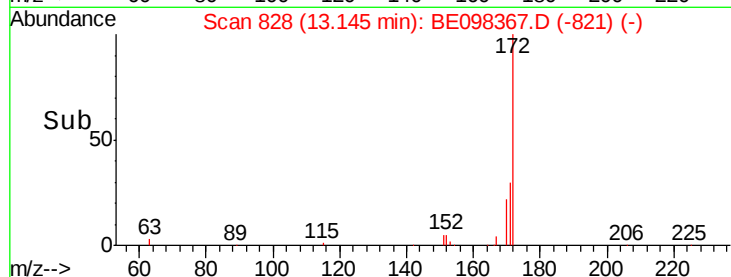
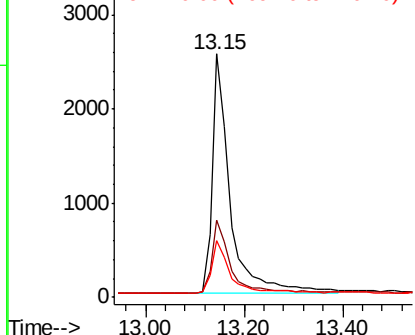
#15
2-Fluorobiphenyl
Concen: 0.506 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098367.D
Acq: 12 Dec 2018 18:49

Instrument :
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RE-120D1-20181205

Tgt Ion:172 Resp: 6250
Ion Ratio Lower Upper
172 100
171 31.8 27.5 41.3
170 23.5 19.6 29.4

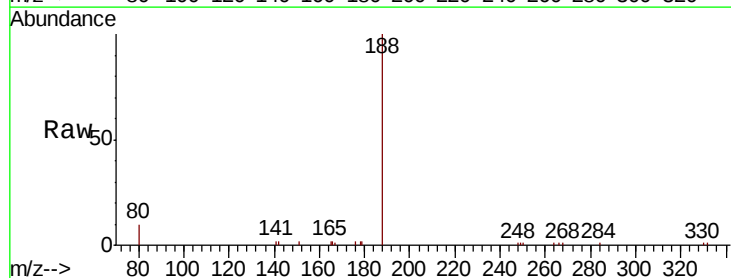


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

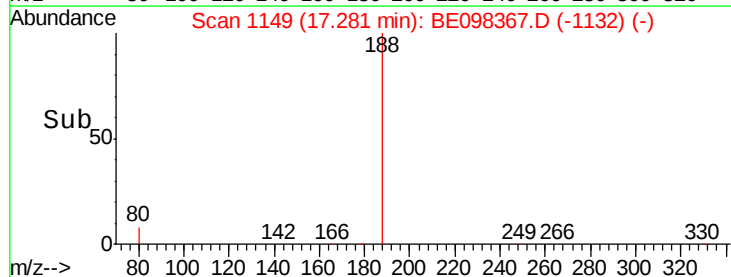
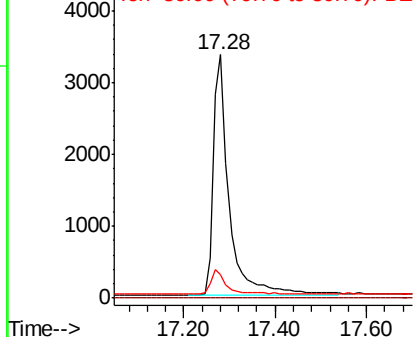


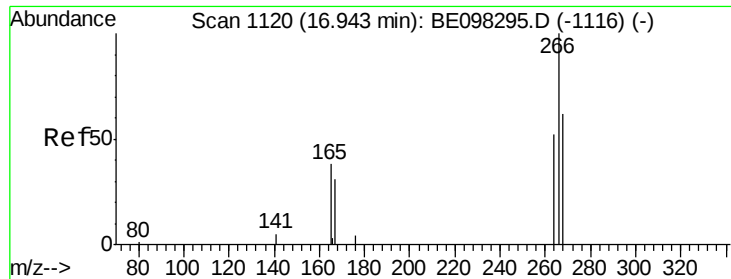
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098367.D
Acq: 12 Dec 2018 18:49

Tgt Ion:188 Resp: 7985
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 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

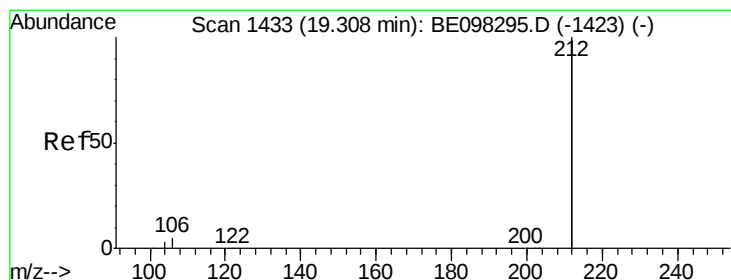
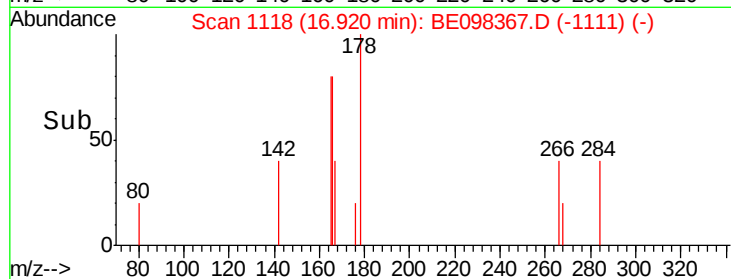
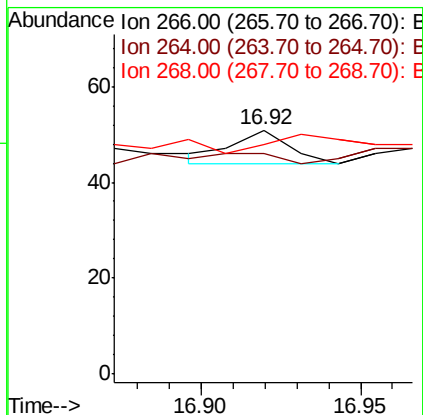
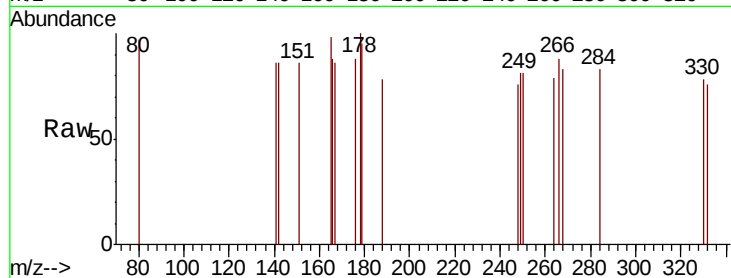




#22
 Pentachlorophenol
 Concen: 0.027 ng
 RT: 16.92 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BE098367.D
 Acq: 12 Dec 2018 18:49

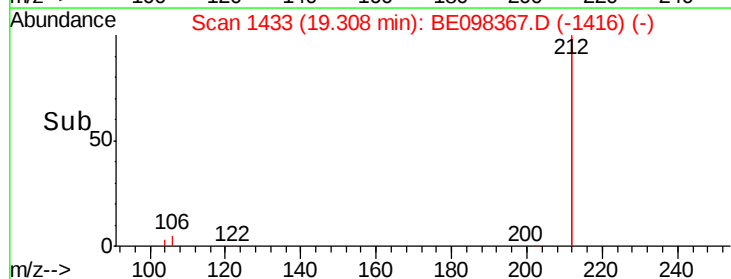
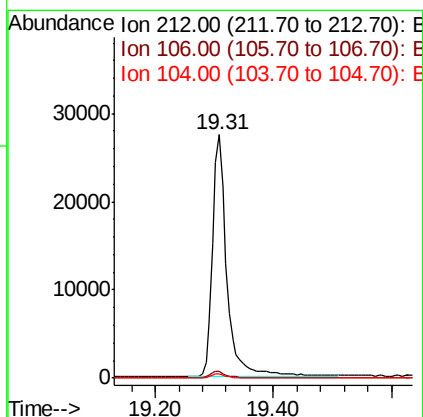
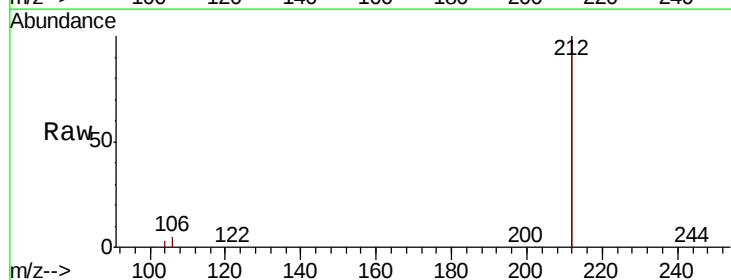
Instrument :
 BNA_E
 ClientSampleId :
 RE-120D1-20181205

Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 90.2 59.0 88.4#
 268 94.1 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.457 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098367.D
 Acq: 12 Dec 2018 18:49

Tgt Ion: 212 Resp: 46793
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098367.D

Acq: 12 Dec 2018 18:49

Instrument :

BNA_E

ClientSampleId :

RE-120D1-20181205

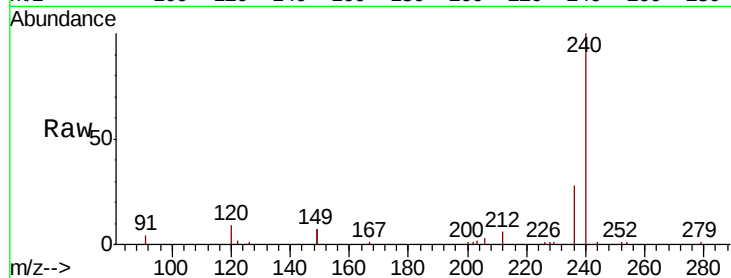
Tgt Ion:240 Resp: 9342

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

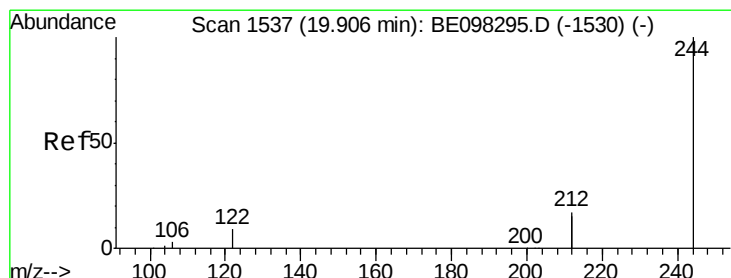
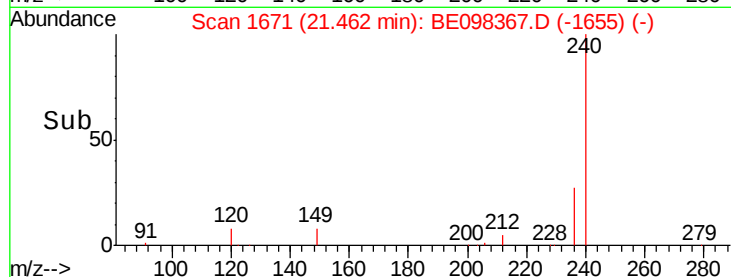
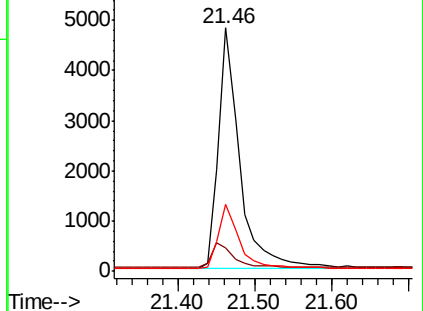
236 27.7 22.7 34.1



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: 0.476 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098367.D

Acq: 12 Dec 2018 18:49

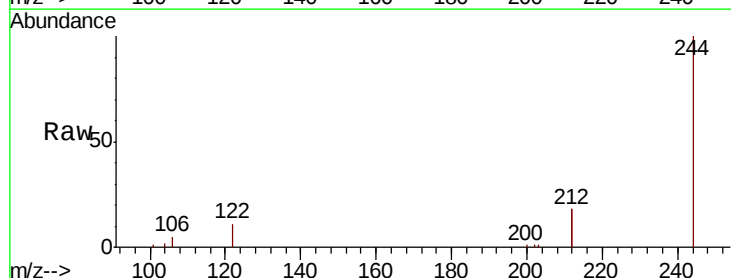
Tgt Ion:244 Resp: 10813

Ion Ratio Lower Upper

244 100

212 35.1 27.4 41.0

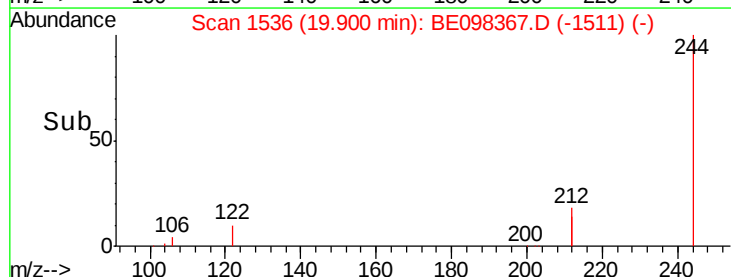
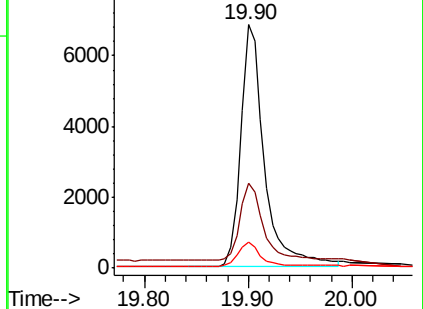
122 10.8 8.3 12.5



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

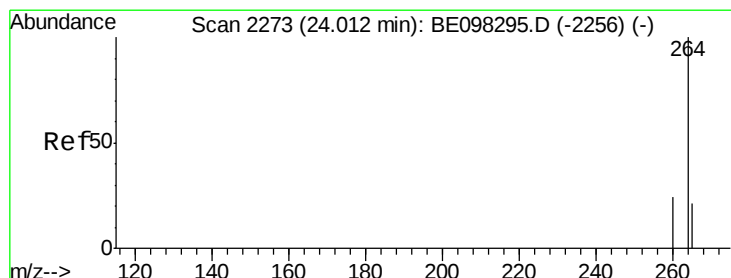
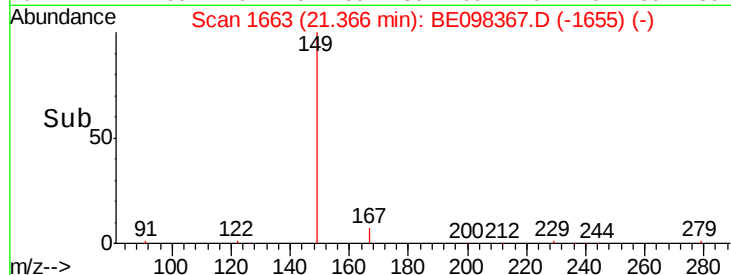
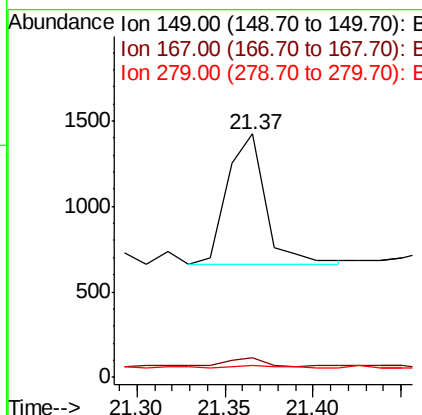
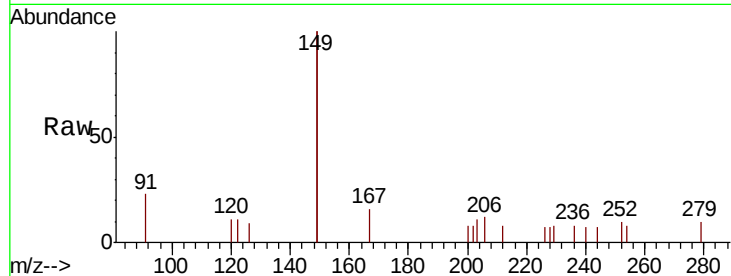




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.021 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098367.D
 Acq: 12 Dec 2018 18:49

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D1-20181205

Tgt Ion:149 Resp: 1138
 Ion Ratio Lower Upper
 149 100
 167 8.6 5.7 8.5#
 279 2.8 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098367.D
 Acq: 12 Dec 2018 18:49

Tgt Ion:264 Resp: 9110
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.2 30.2
 265 29.6 25.2 37.8

