

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098372.D
 Acq On : 12 Dec 2018 21:54
 Operator : SJ/JU
 Sample : J6324-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D1-20181206

Quant Time: Dec 13 05:53:27 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

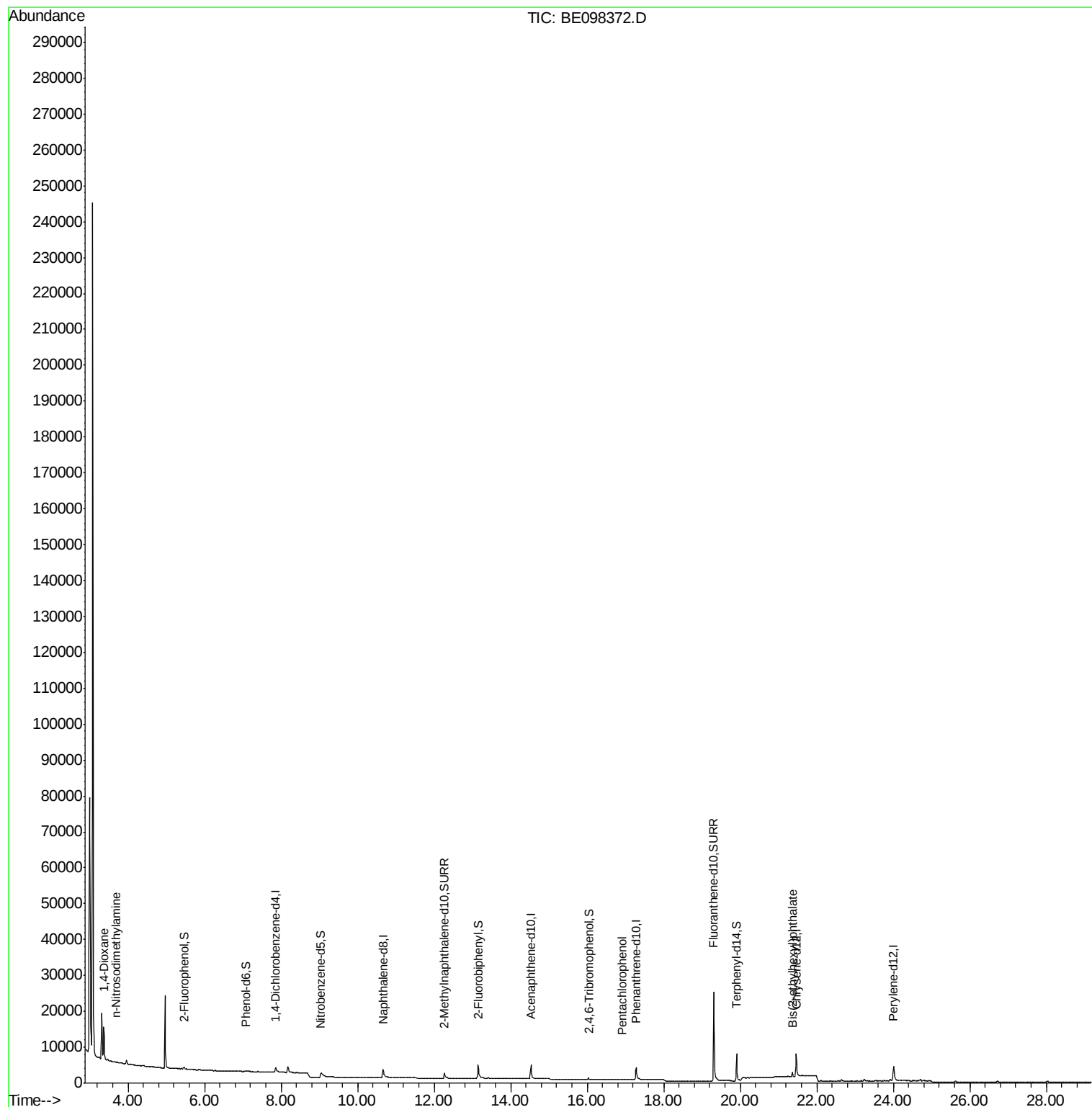
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1002	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4271	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2831	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7360	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8504	0.40	ng	0.00
34) Perylene-d12	24.01	264	8166	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	520	0.22	ng	0.00
5) Phenol-d6	7.08	99	387	0.12	ng	0.03
8) Nitrobenzene-d5	9.04	82	1421	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	3199	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	470	0.45	ng	0.01
15) 2-Fluorobiphenyl	13.14	172	5966	0.50	ng	0.00
25) Fluoranthene-d10	19.30	212	42394	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	8506	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	5088	2.936	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.69	42	86	0.055	ng	# 100
22) Pentachlorophenol	16.91	266	9	0.030	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.37	149	1655	0.034	ng	# 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098372.D
Acq On : 12 Dec 2018 21:54
Operator : SJ/JU
Sample : J6324-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-109D1-20181206

Quant Time: Dec 13 05:53:27 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



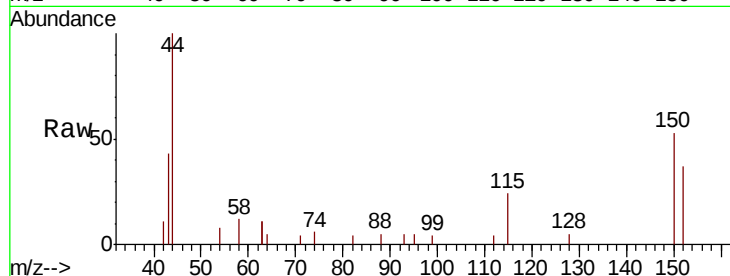


#1

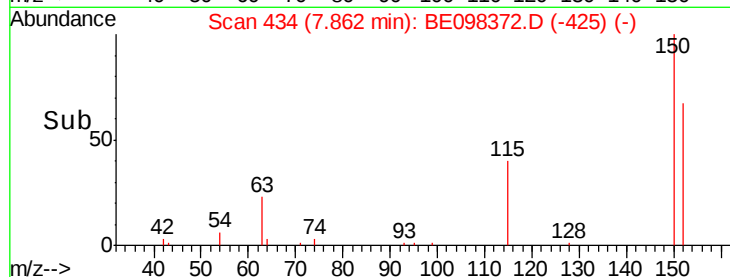
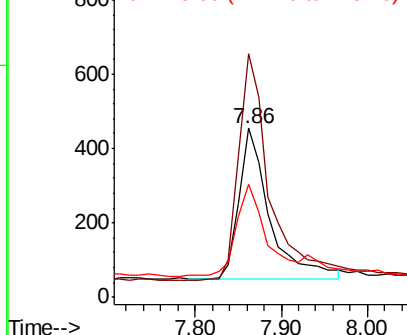
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098372.D
Acq: 12 Dec 2018 21:54

Instrument :
BNA_E
ClientSampleId :
RE-109D1-20181206

Tgt Ion: 152 Resp: 1002
Ion Ratio Lower Upper
152 100
150 144.3 124.2 186.4
115 67.0 53.9 80.9



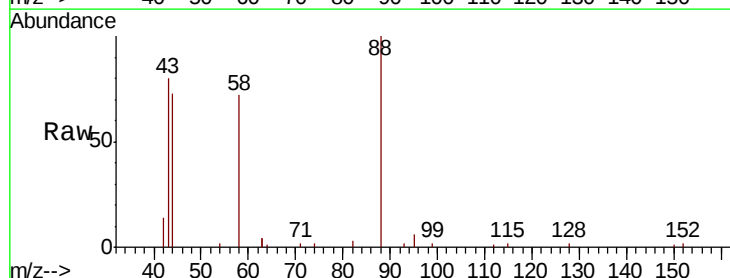
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



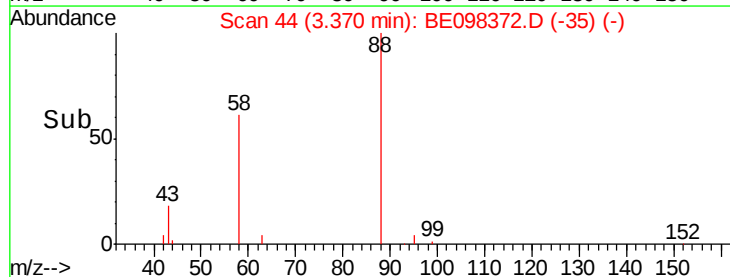
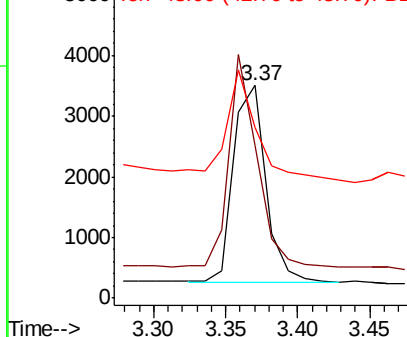
#2

1,4-Dioxane
Concen: 2.936 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098372.D
Acq: 12 Dec 2018 21:54

Tgt Ion: 88 Resp: 5088
Ion Ratio Lower Upper
88 100
58 91.6 75.0 112.6
43 53.6 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



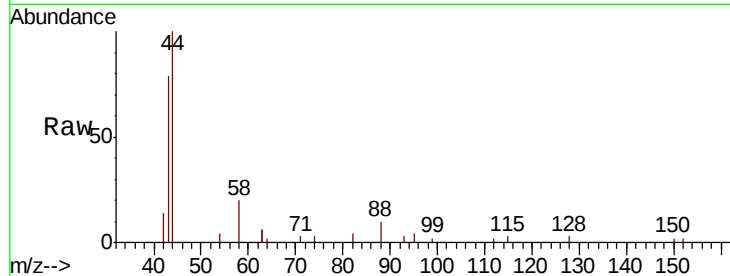


#3

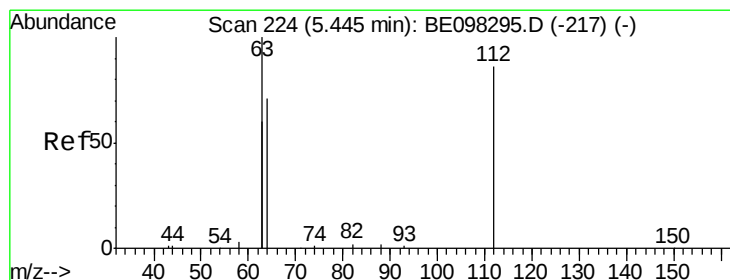
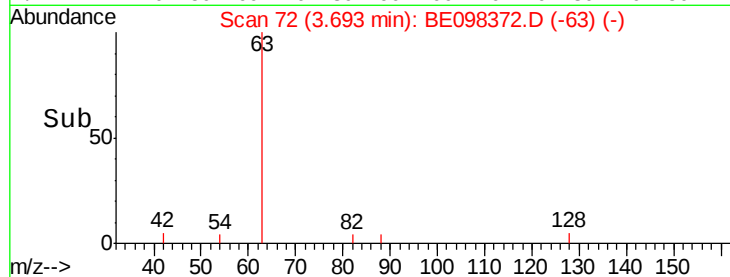
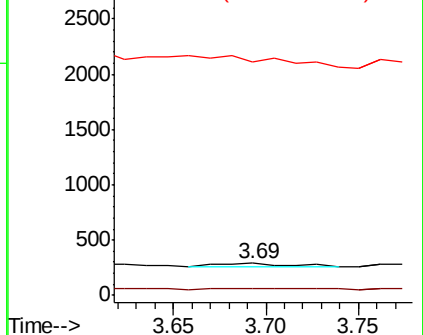
n-Nitrosodimethylamine
 Concen: 0.055 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D1-20181206

Tgt Ion: 42 Resp: 86
 Ion Ratio Lower Upper
 42 100
 74 14.0 0.0 0.0#
 44 0.0 0.0 0.0



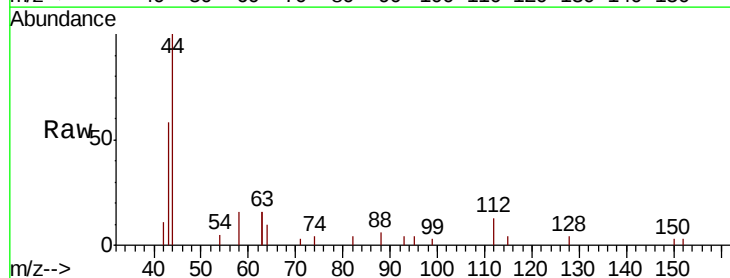
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



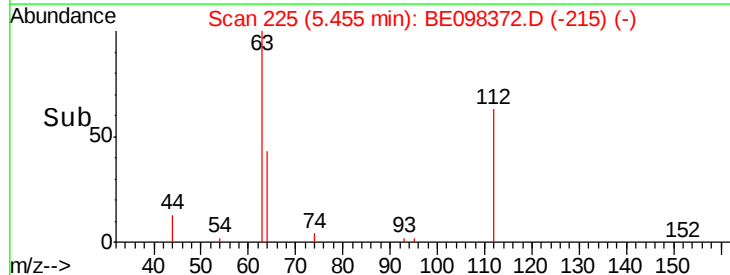
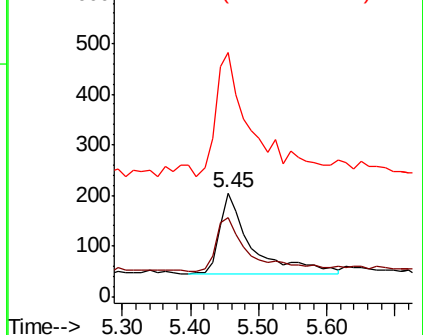
#4

2-Fluorophenol
 Concen: 0.222 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

Tgt Ion: 112 Resp: 520
 Ion Ratio Lower Upper
 112 100
 64 72.1 59.8 89.8
 63 172.3 133.7 200.5



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: 0.117 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098372.D

Acq: 12 Dec 2018 21:54

Instrument :

BNA_E

ClientSampleId :

RE-109D1-20181206

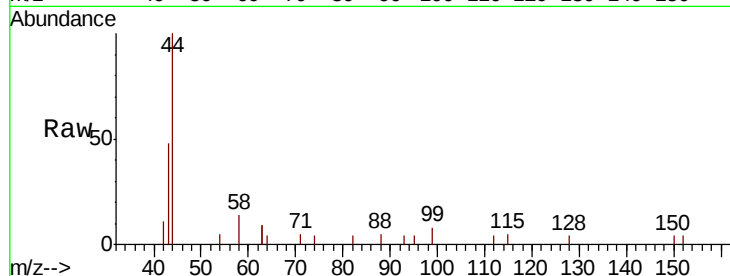
Tgt Ion: 99 Resp: 387

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

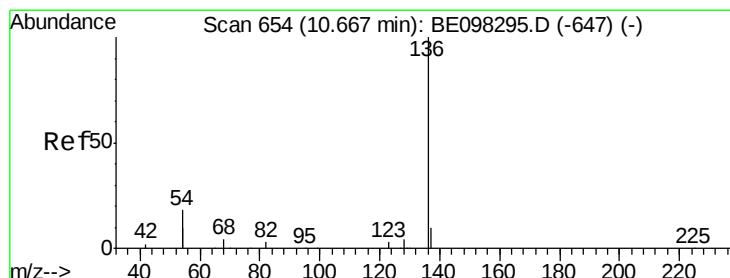
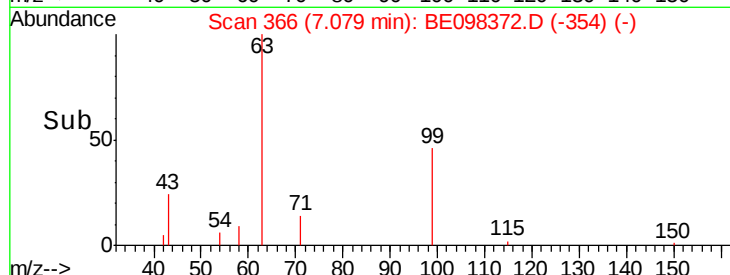
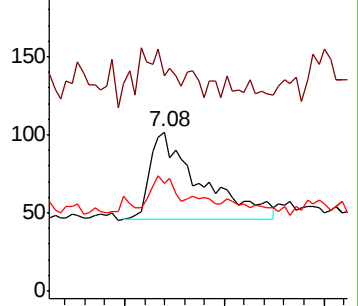
71 15.8 33.6 50.4#



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: BE098372.D

Acq: 12 Dec 2018 21:54

Tgt Ion: 136 Resp: 4271

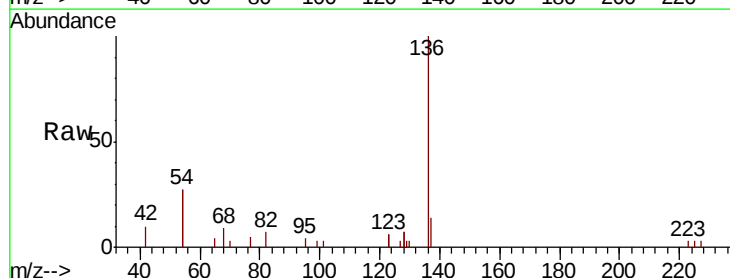
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 54.6 28.4 42.6#

68 8.7 5.4 8.0#

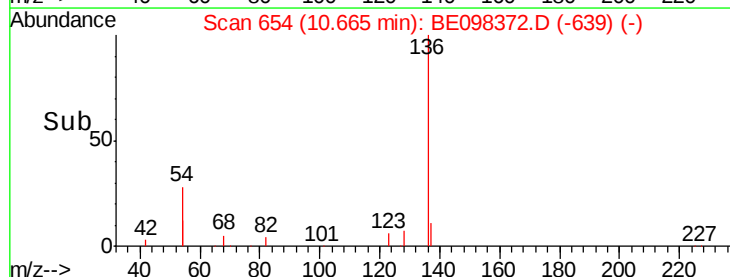
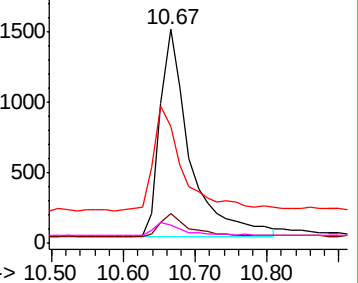


Abundance Ion 136.00 (135.70 to 136.70): E

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

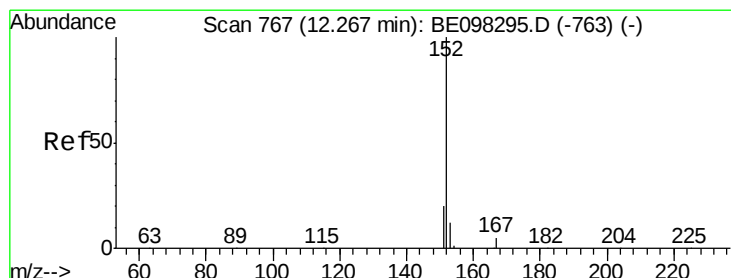
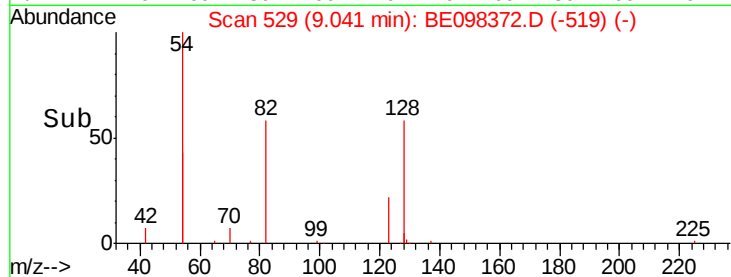
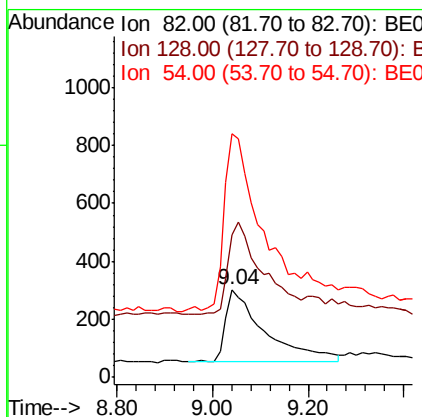
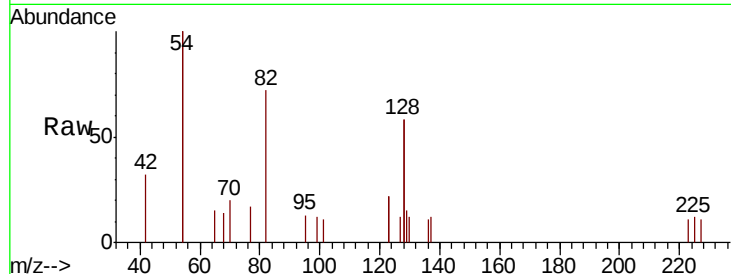




#8
 Nitrobenzene-d5
 Concen: 0.366 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

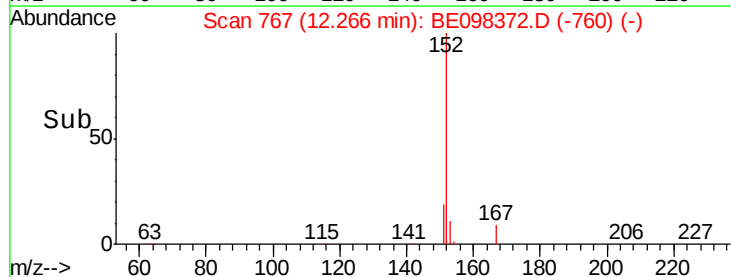
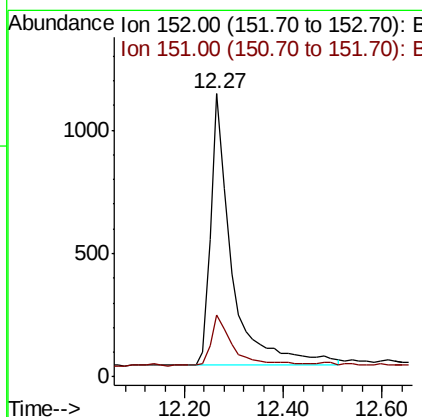
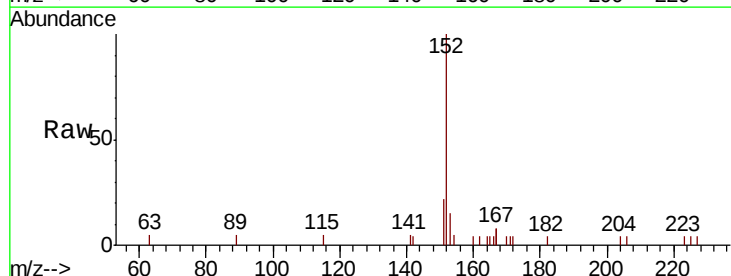
Instrument :
 BNA_E
 ClientSampleId :
 RE-109D1-20181206

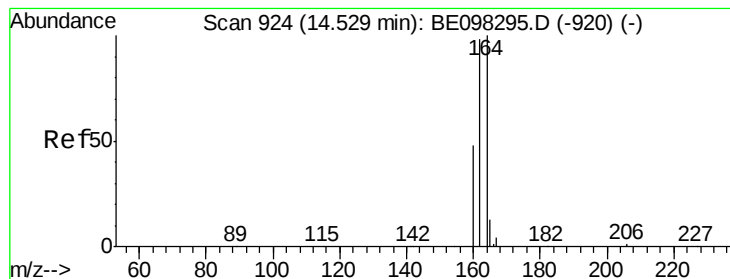
Tgt Ion: 82 Resp: 1421
 Ion Ratio Lower Upper
 82 100
 128 162.3 102.4 153.6#
 54 278.1 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.461 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

Tgt Ion: 152 Resp: 3199
 Ion Ratio Lower Upper
 152 100
 151 18.0 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: BE098372.D

Acq: 12 Dec 2018 21:54

Instrument :

BNA_E

ClientSampleId :

RE-109D1-20181206

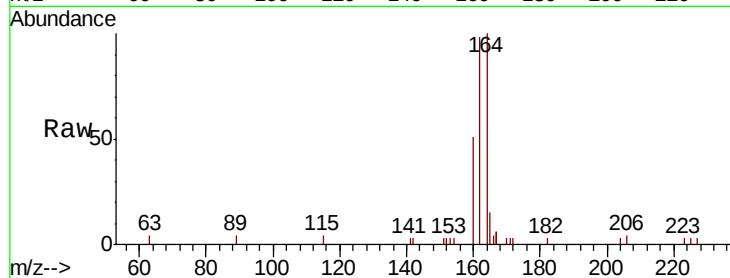
Tgt Ion:164 Resp: 2831

Ion Ratio Lower Upper

164 100

162 97.7 77.6 116.4

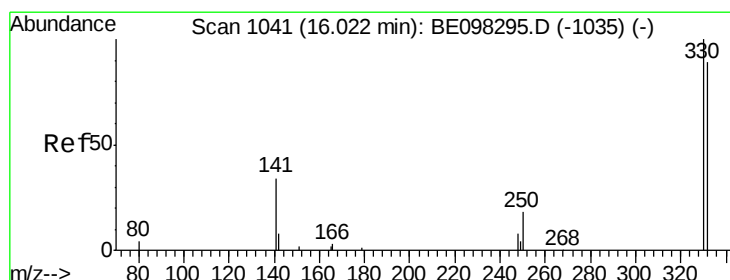
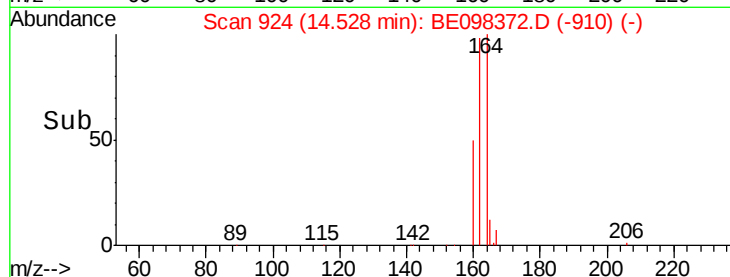
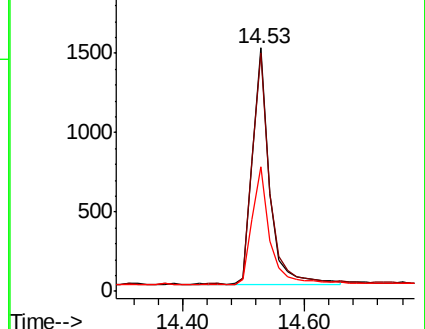
160 51.0 36.0 54.0



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: 0.452 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098372.D

Acq: 12 Dec 2018 21:54

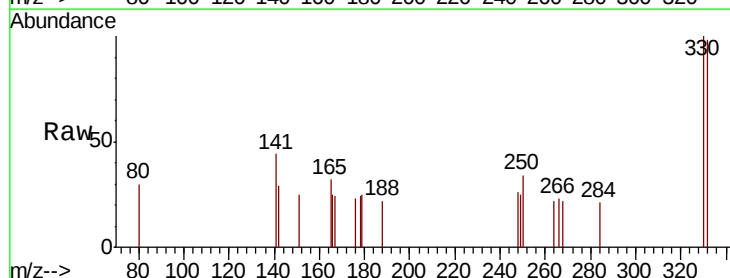
Tgt Ion:330 Resp: 470

Ion Ratio Lower Upper

330 100

332 105.5 76.2 114.4

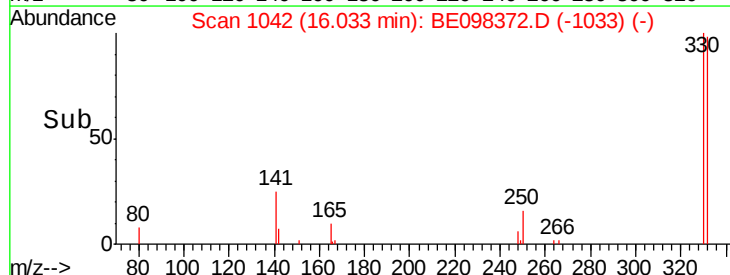
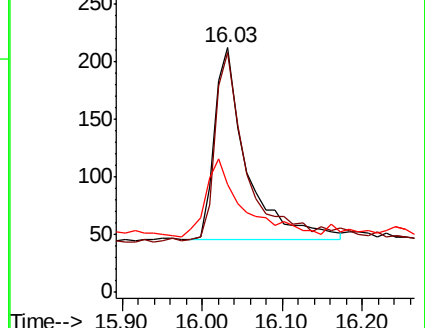
141 46.6 39.0 58.4

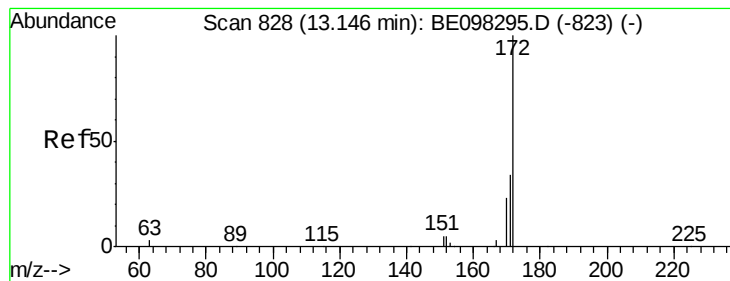


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.500 ng

RT: 13.14 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098372.D

Acq: 12 Dec 2018 21:54

Instrument :

BNA_E

ClientSampleId :

RE-109D1-20181206

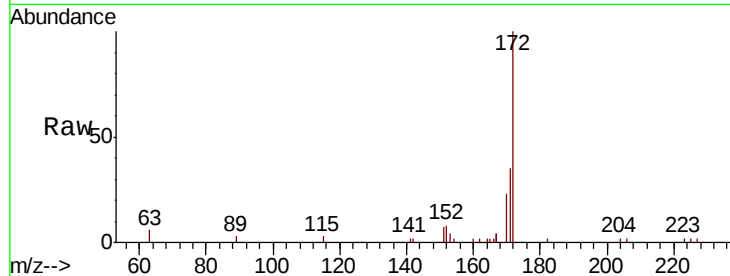
Tgt Ion:172 Resp: 5966

Ion Ratio Lower Upper

172 100

171 35.2 27.5 41.3

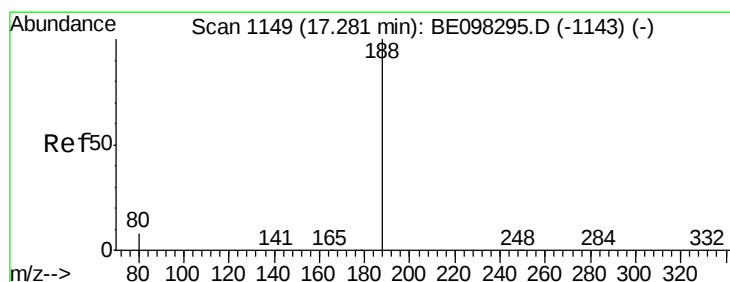
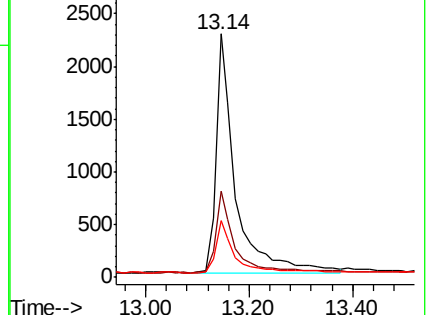
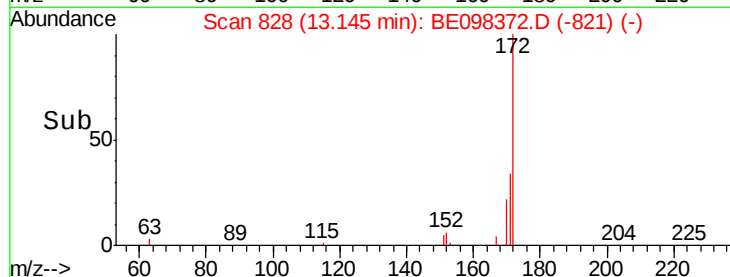
170 23.2 19.6 29.4



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: BE098372.D

Acq: 12 Dec 2018 21:54

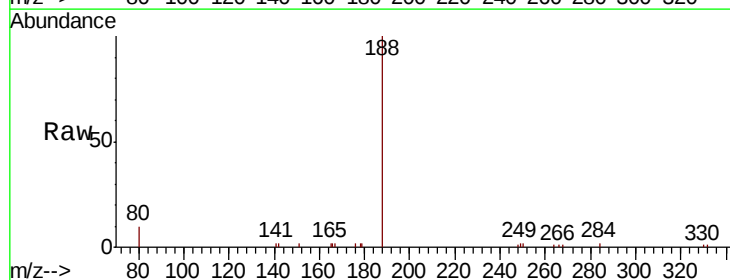
Tgt Ion:188 Resp: 7360

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

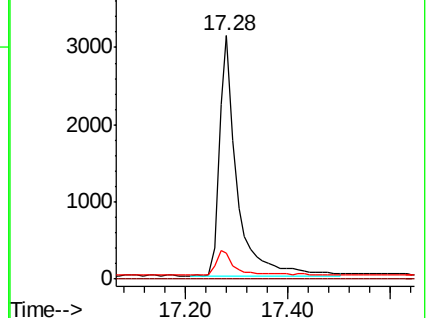
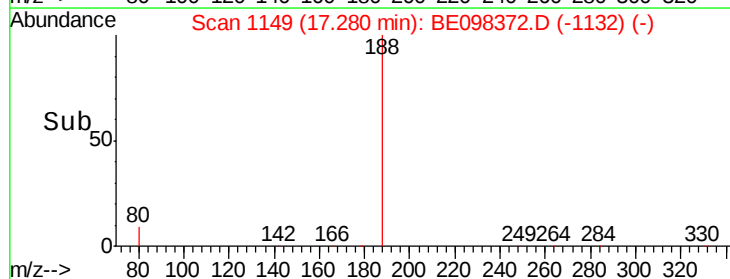
80 10.4 7.2 10.8

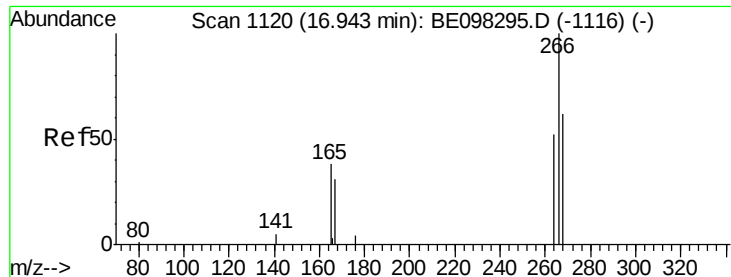


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

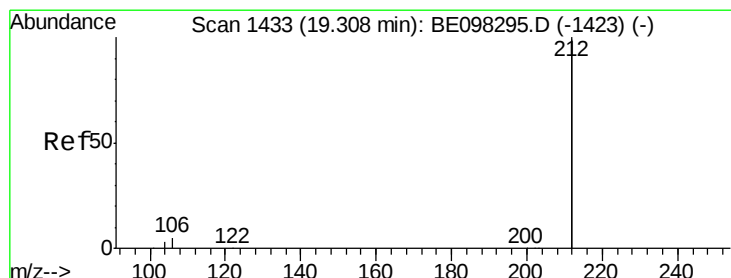
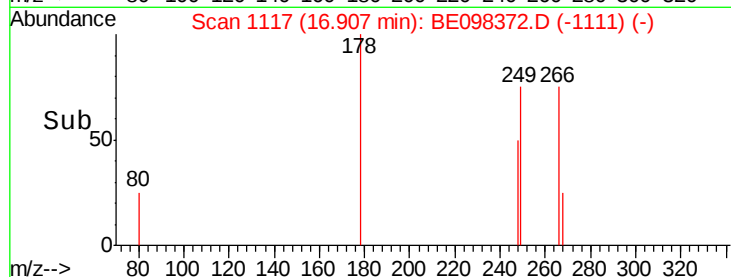
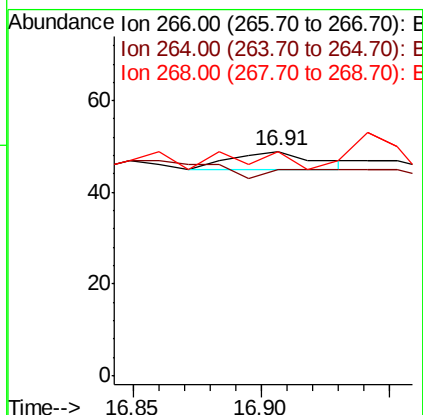
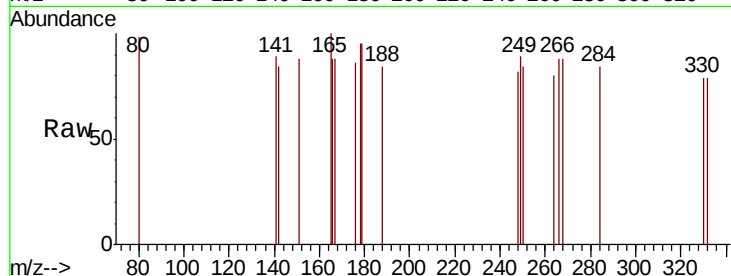




#22
 Pentachlorophenol
 Concen: 0.030 ng
 RT: 16.91 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

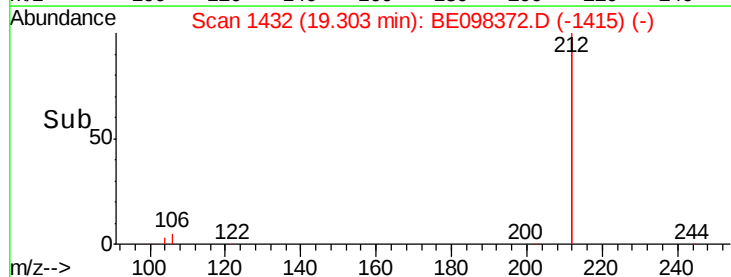
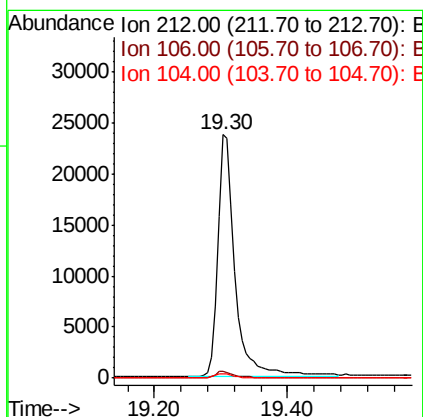
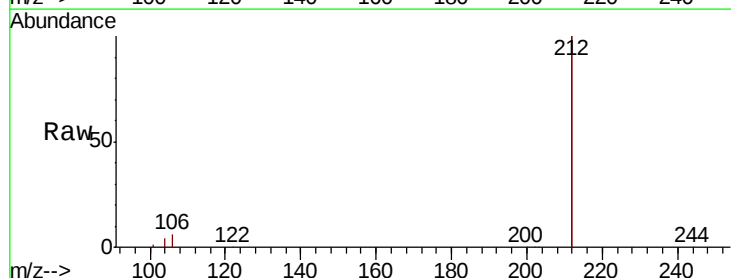
Instrument :
 BNA_E
 ClientSampleId :
 RE-109D1-20181206

Tgt Ion: 266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 91.8 59.0 88.4#
 268 100.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.449 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

Tgt Ion: 212 Resp: 42394
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.3 1.9

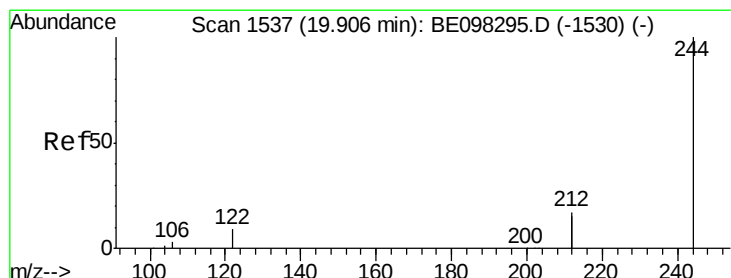
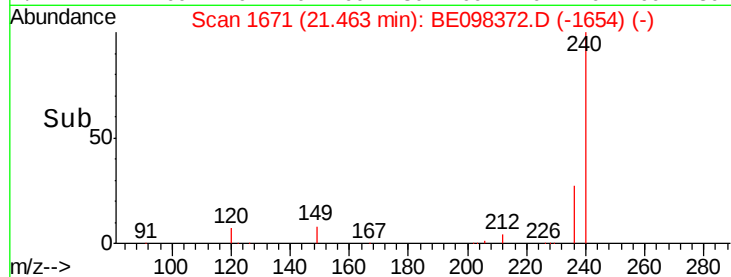
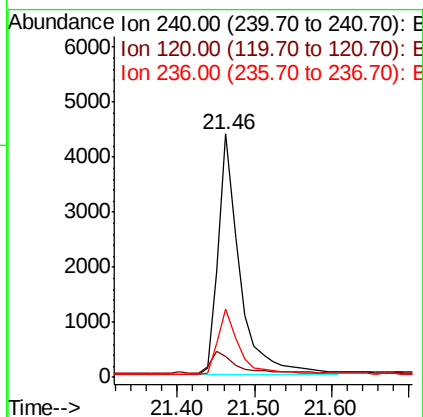
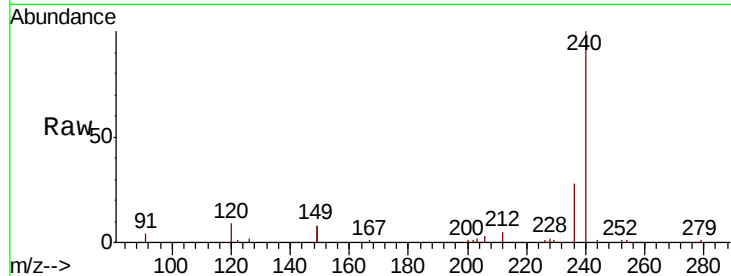




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

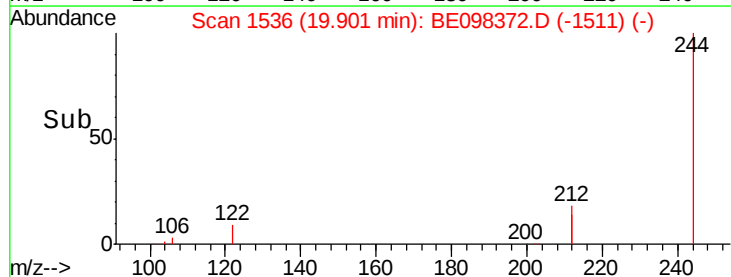
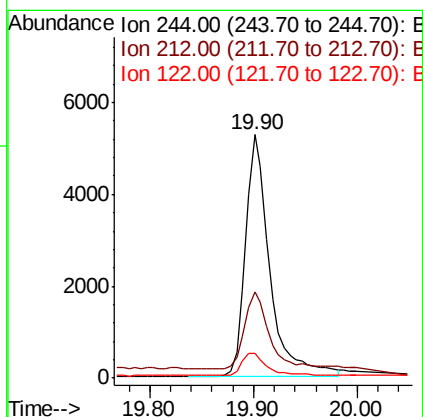
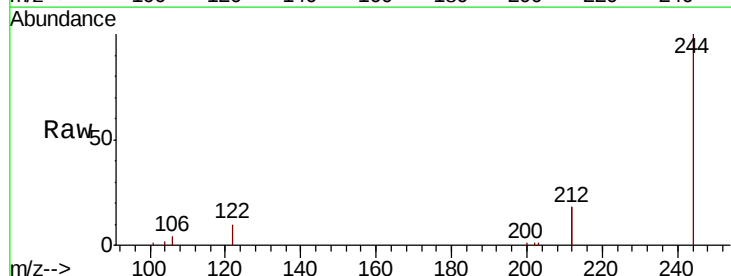
Instrument :
 BNA_E
 ClientSampleId :
 RE-109D1-20181206

Tgt Ion:240 Resp: 8504
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.5 14.3#
 236 28.1 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.412 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

Tgt Ion:244 Resp: 8506
 Ion Ratio Lower Upper
 244 100
 212 35.3 27.4 41.0
 122 10.3 8.3 12.5

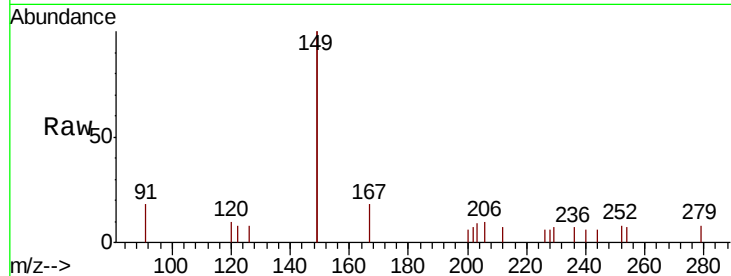




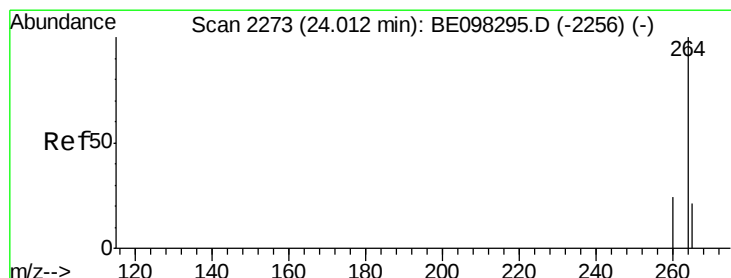
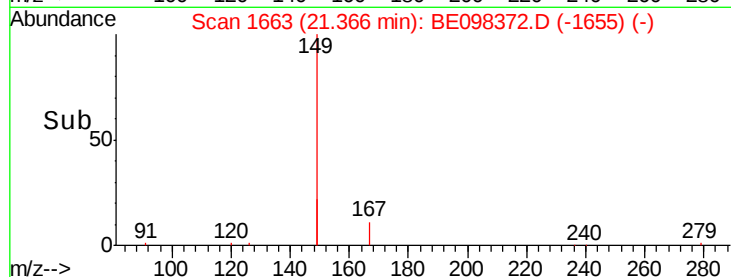
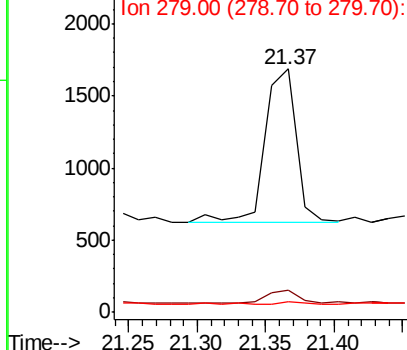
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.034 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D1-20181206

Tgt Ion:149 Resp: 1655
 Ion Ratio Lower Upper
 149 100
 167 9.5 5.7 8.5#
 279 1.1 1.0 1.4

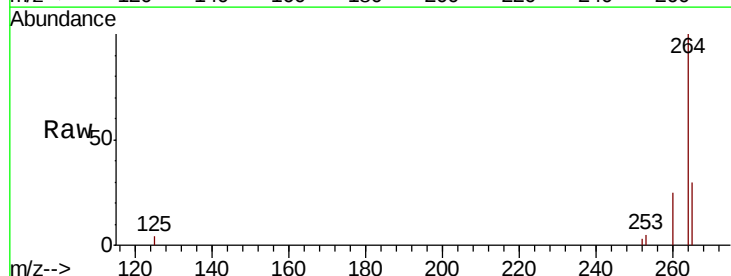


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098372.D
 Acq: 12 Dec 2018 21:54

Tgt Ion:264 Resp: 8166
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.2 30.2
 265 30.0 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

