

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098368.D
 Acq On : 12 Dec 2018 19:25
 Operator : SJ/JU
 Sample : J6324-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205

Quant Time: Dec 13 05:52:56 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	1202	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5129	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3464	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9291	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10631	0.40	ng	0.00
34) Perylene-d12	24.01	264	10309	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	636	0.23	ng	0.01
5) Phenol-d6	7.07	99	390	0.10	ng	0.02
8) Nitrobenzene-d5	9.04	82	1696	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3709	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	569	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6767	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	54780	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	10445	0.40	ng	0.00

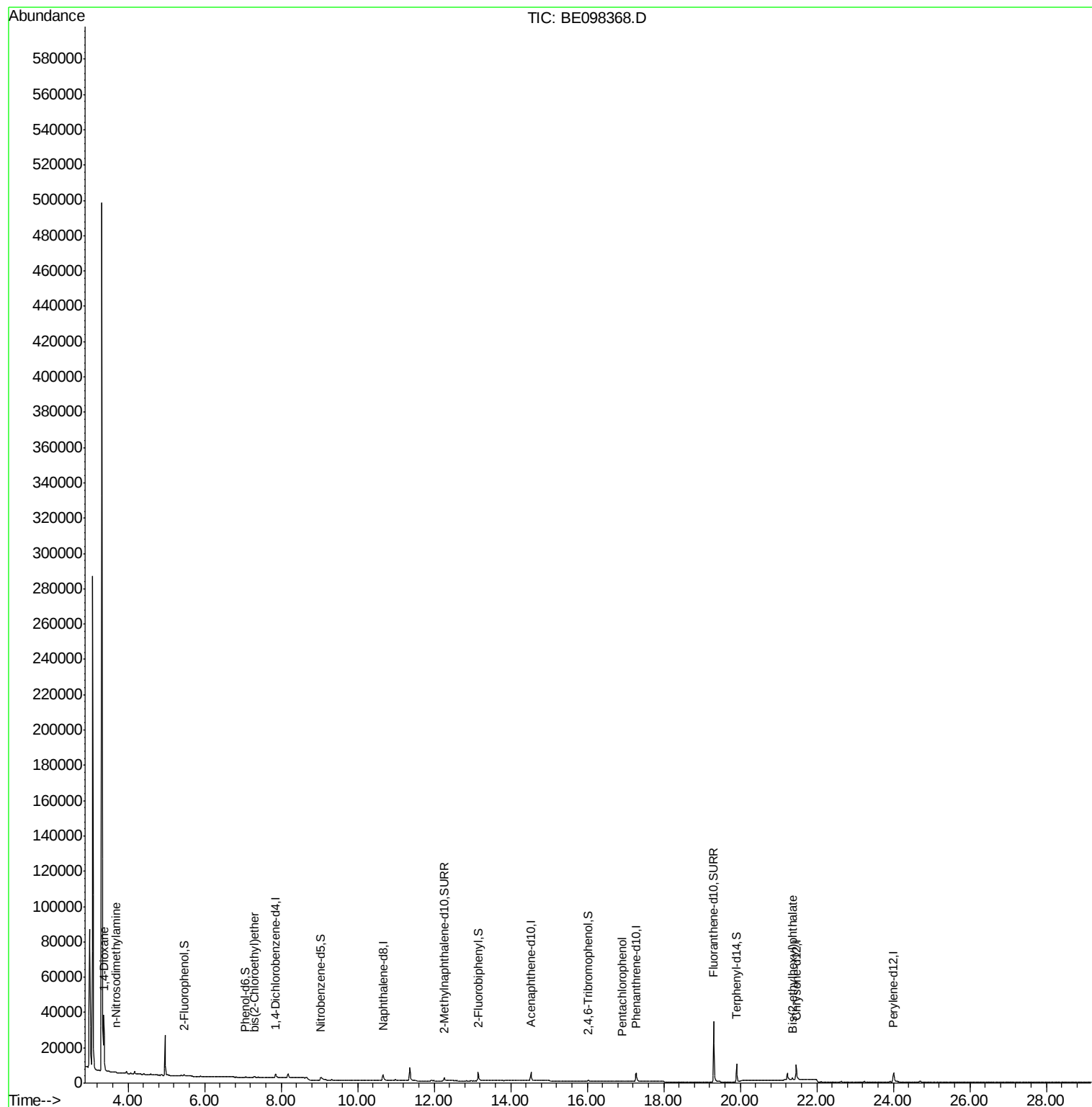
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	14364	6.910	ng	98
3) n-Nitrosodimethylamine	3.69	42	61	0.033	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	152	0.040	ng	# 74
22) Pentachlorophenol	16.92	266	12	0.031	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.37	149	1633	0.027	ng	99

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

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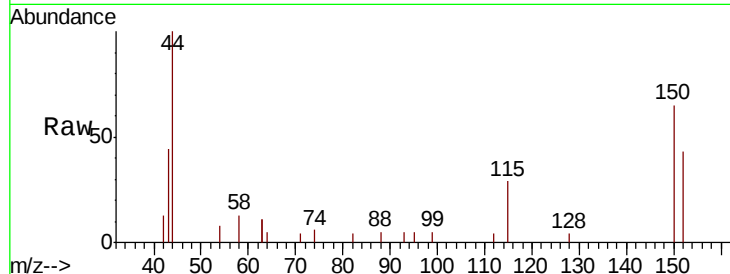


#1

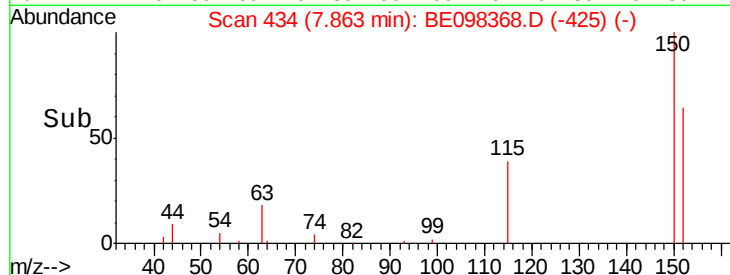
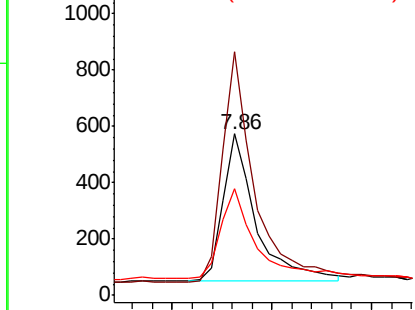
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098368.D
Acq: 12 Dec 2018 19:25

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205

Tgt Ion: 152 Resp: 1202
Ion Ratio Lower Upper
152 100
150 151.0 124.2 186.4
115 66.5 53.9 80.9



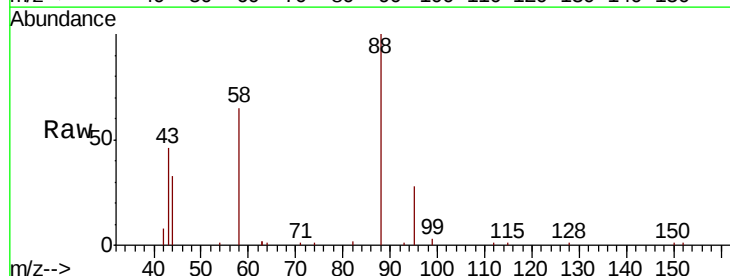
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



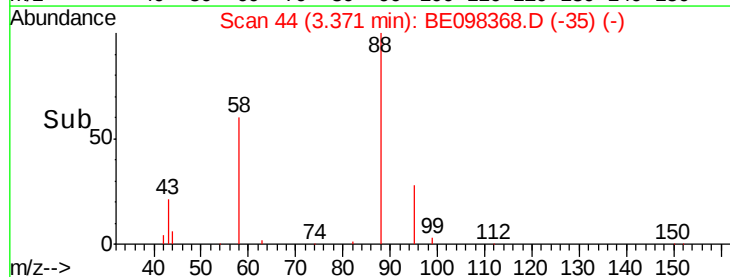
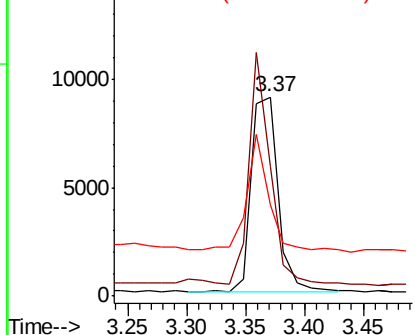
#2

1,4-Dioxane
Concen: 6.910 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098368.D
Acq: 12 Dec 2018 19:25

Tgt Ion: 88 Resp: 14364
Ion Ratio Lower Upper
88 100
58 91.8 75.0 112.6
43 47.4 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



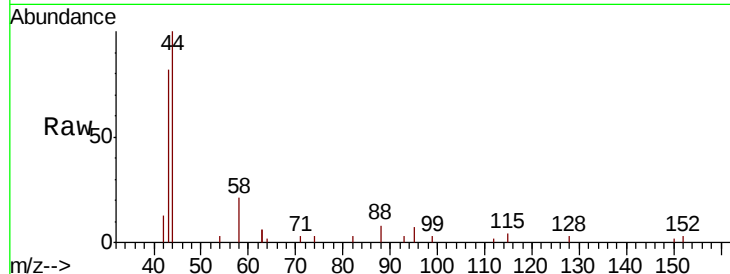


#3

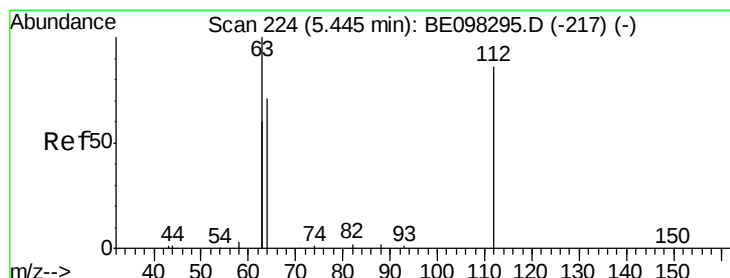
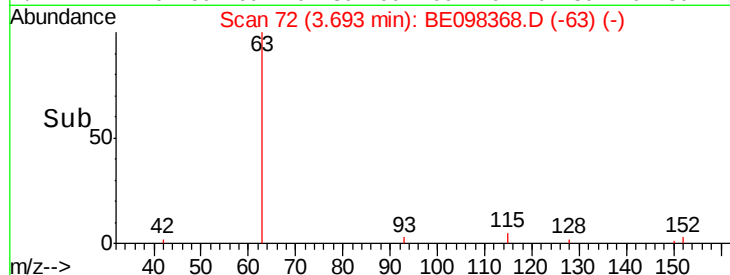
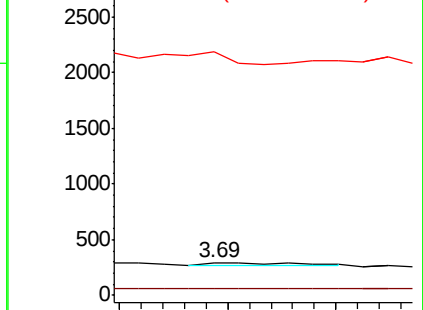
n-Nitrosodimethylamine
 Concen: 0.033 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205

Tgt Ion:	42	Resp:	61
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



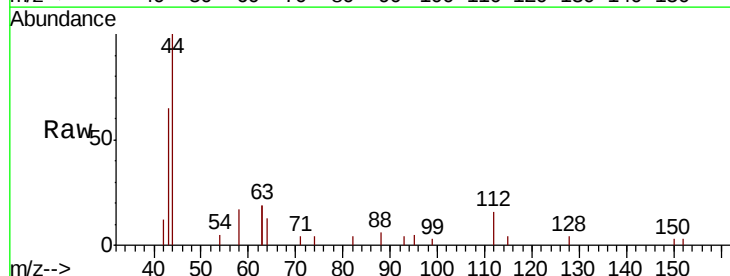
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



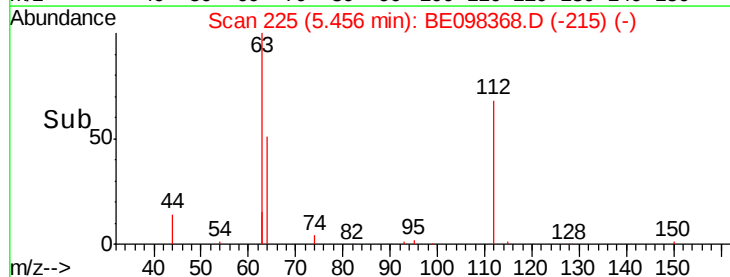
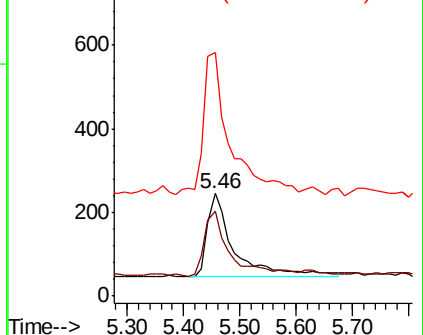
#4

2-Fluorophenol
 Concen: 0.226 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

Tgt Ion:	112	Resp:	636
Ion	Ratio	Lower	Upper
112	100		
64	71.1	59.8	89.8
63	175.2	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: 0.098 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

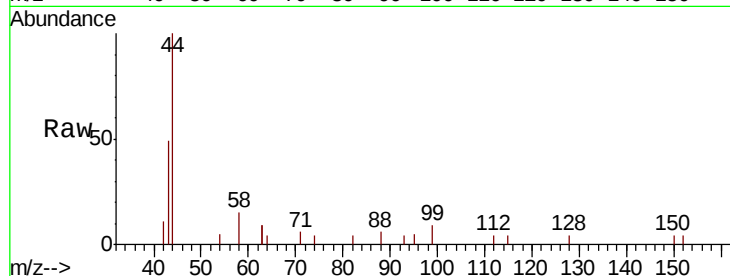
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 16.2 26.3 39.5#

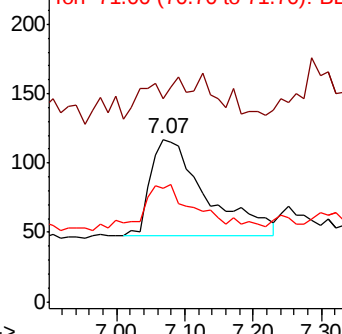
71 0.0 33.6 50.4#



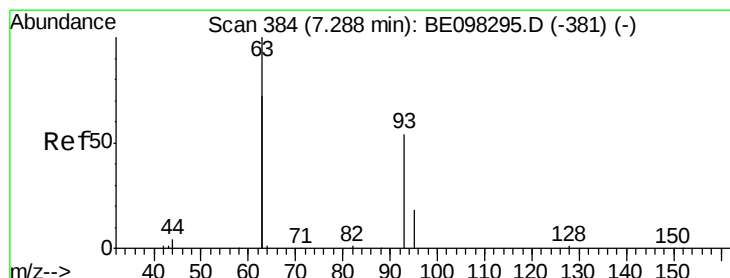
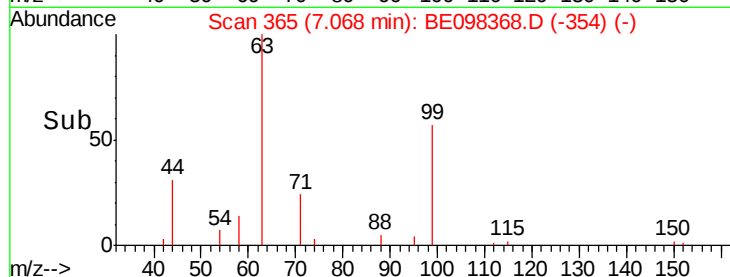
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.040 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

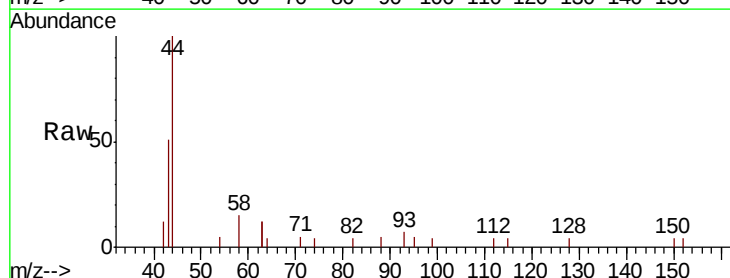
Tgt Ion: 93 Resp: 152

Ion Ratio Lower Upper

93 100

63 277.6 264.4 396.6

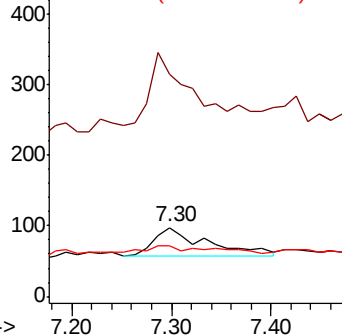
95 15.1 26.6 40.0#



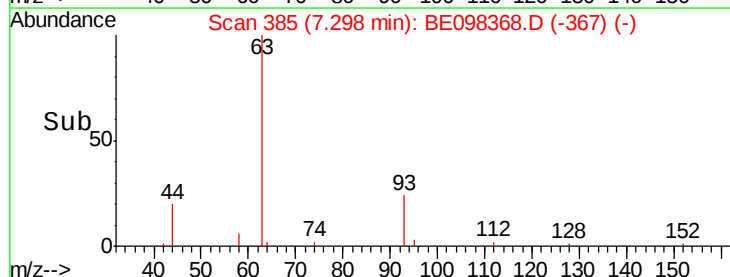
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

Tgt Ion:136 Resp: 5129

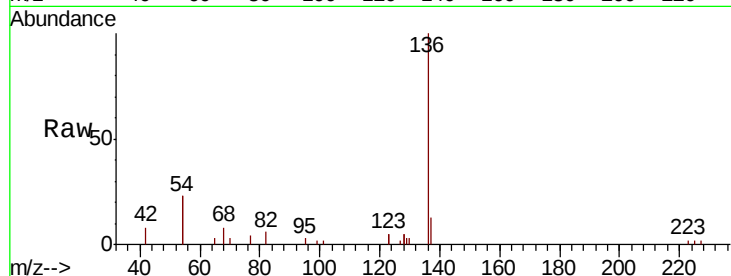
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 46.6 28.4 42.6#

68 8.1 5.4 8.0#

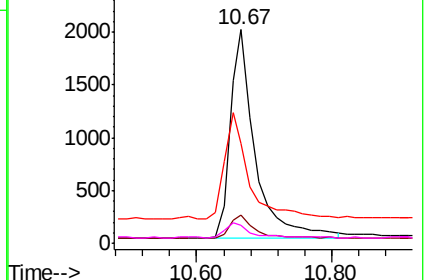
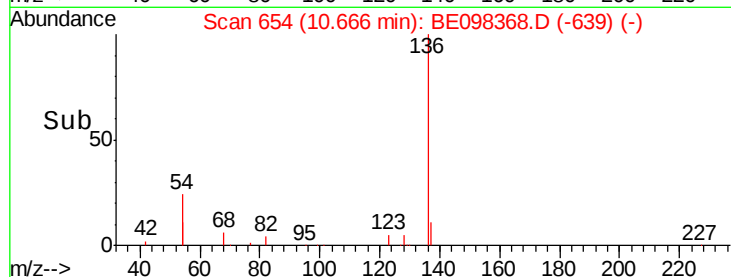


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

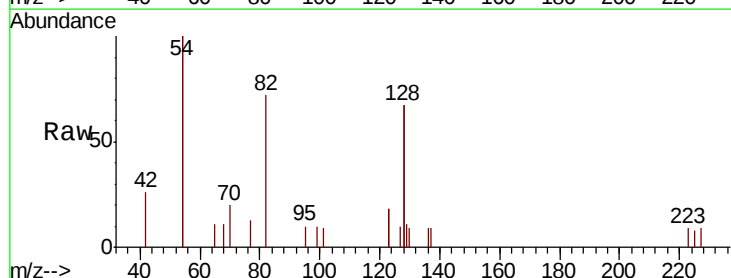
Tgt Ion: 82 Resp: 1696

Ion Ratio Lower Upper

82 100

128 183.9 102.4 153.6#

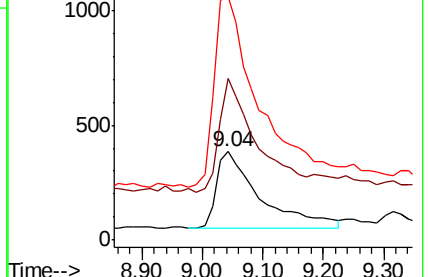
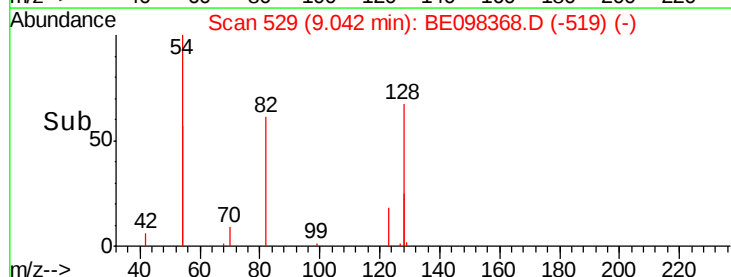
54 276.0 221.8 332.8

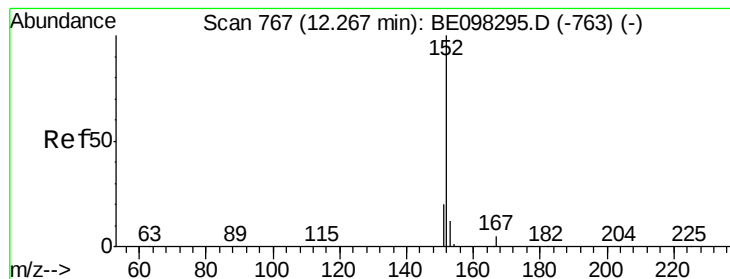


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.445 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

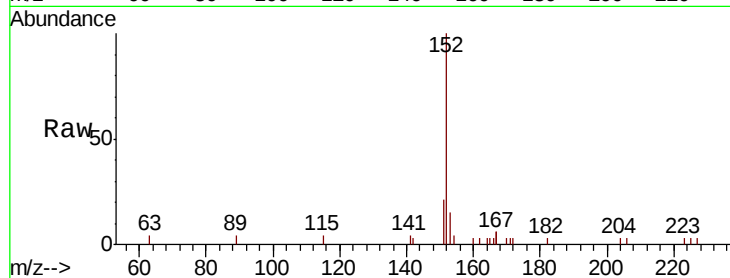
RE-103D1-20181205

Tgt Ion:152 Resp: 3709

Ion Ratio Lower Upper

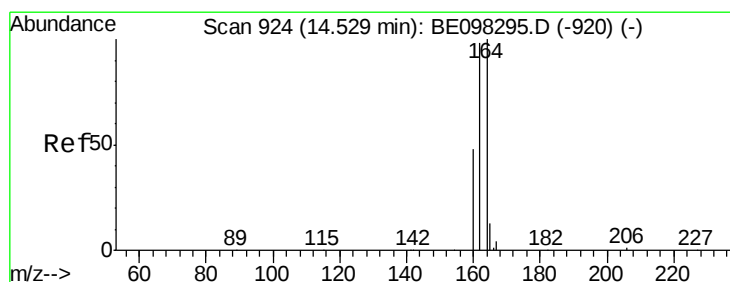
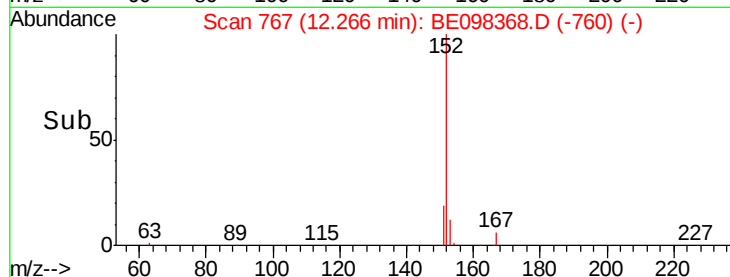
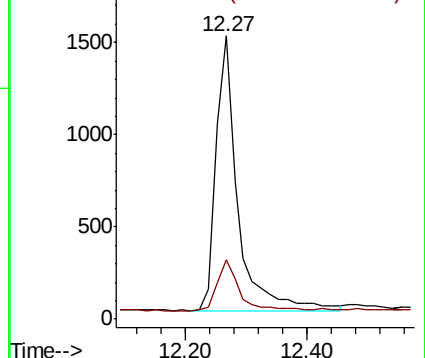
152 100

151 18.8 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: BE098368.D

Acq: 12 Dec 2018 19:25

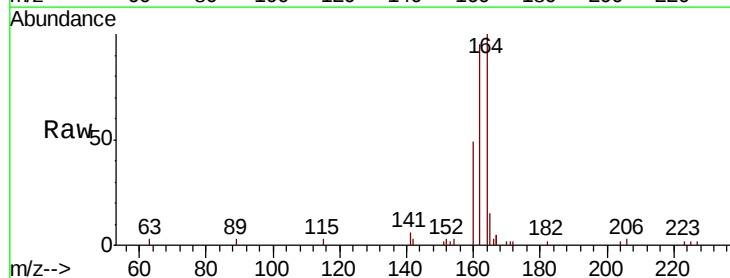
Tgt Ion:164 Resp: 3464

Ion Ratio Lower Upper

164 100

162 94.8 77.6 116.4

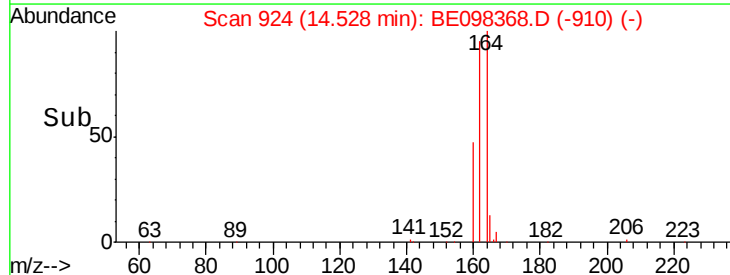
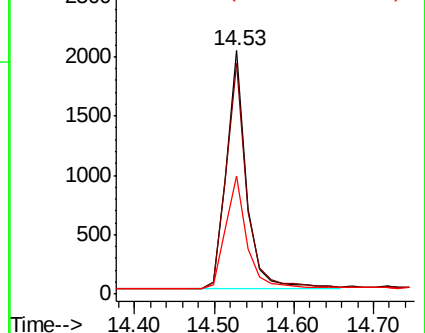
160 48.6 36.0 54.0

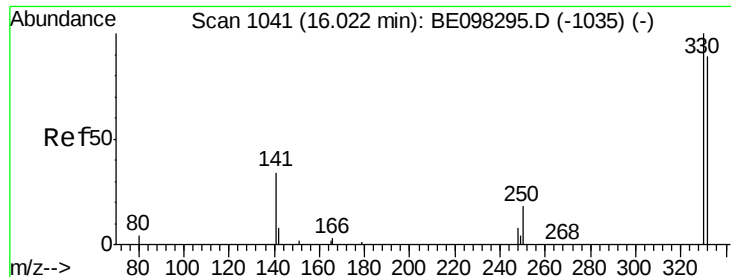


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

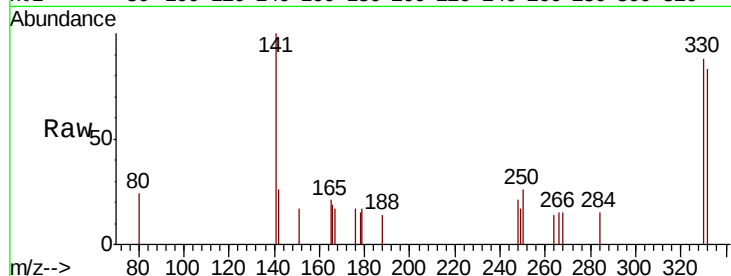




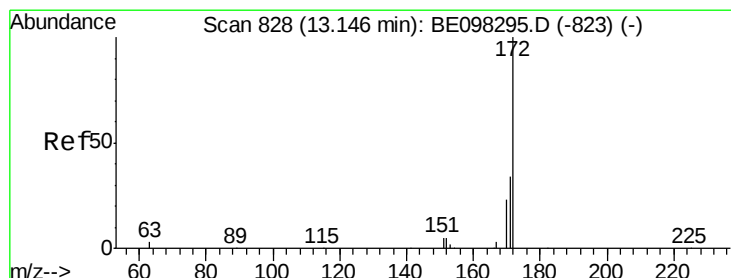
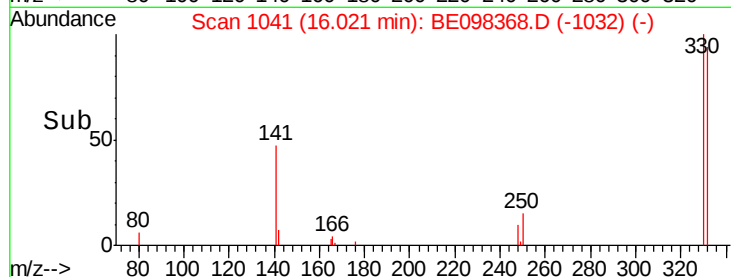
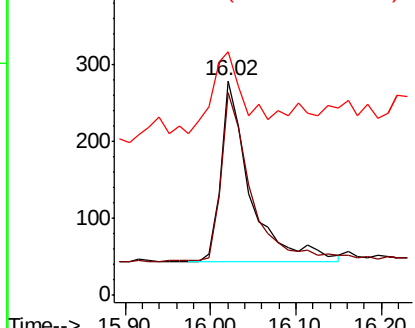
#14
 2,4,6-Tribromophenol
 Concen: 0.447 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205

Tgt Ion: 330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 48.9 39.0 58.4

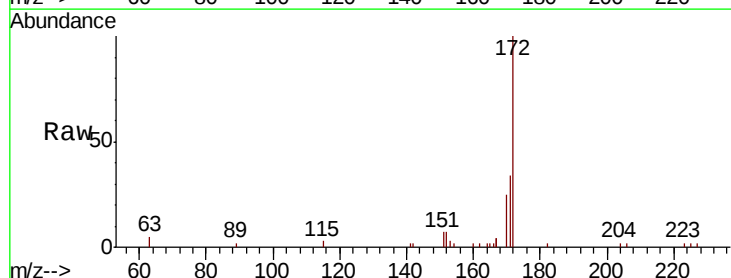


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

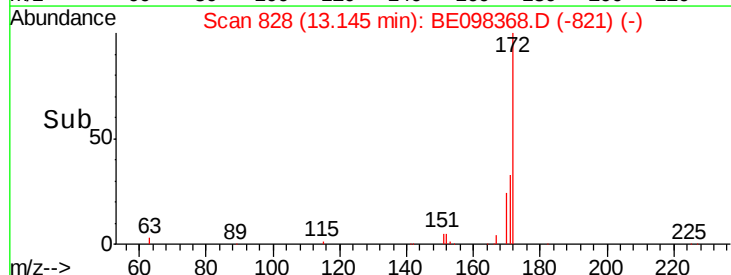
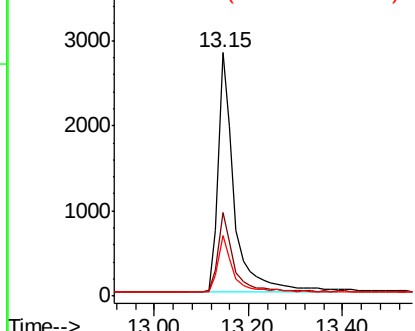


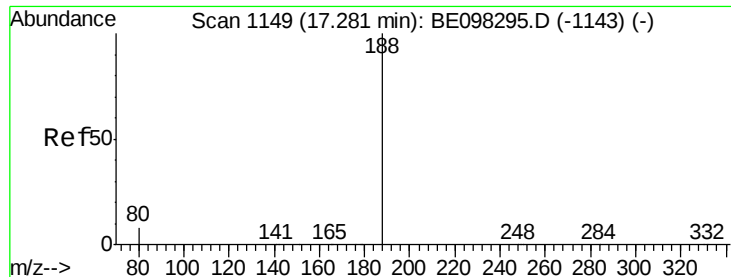
#15
 2-Fluorobiphenyl
 Concen: 0.463 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

Tgt Ion: 172 Resp: 6767
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.5 41.3
 170 25.0 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: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

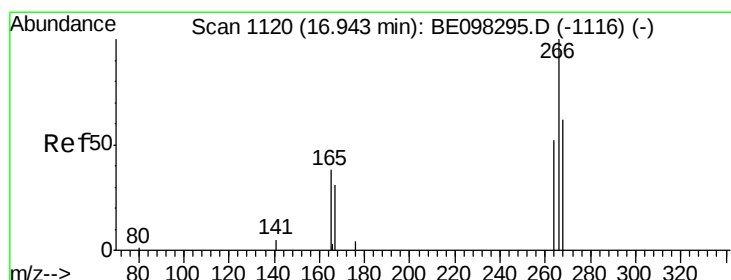
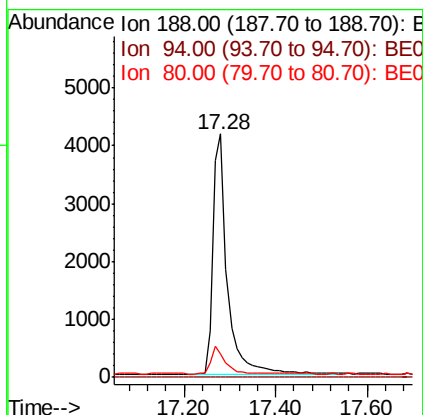
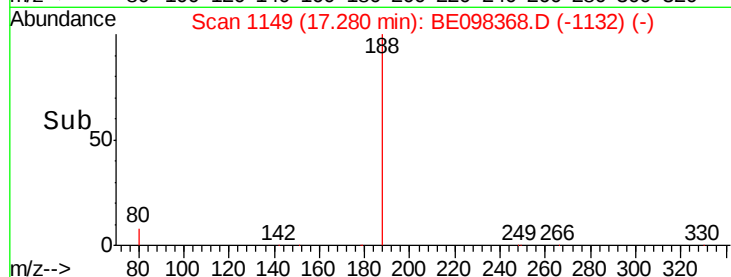
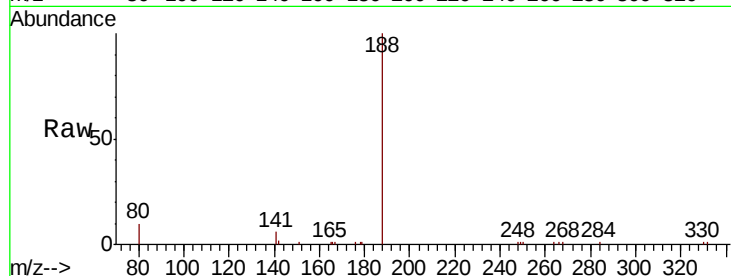
Tgt Ion:188 Resp: 9291

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 7.2 10.8



#22

Pentachlorophenol

Concen: 0.031 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

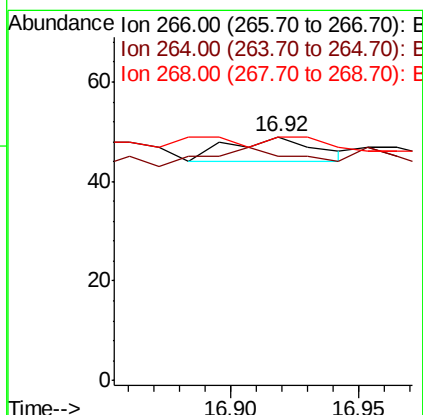
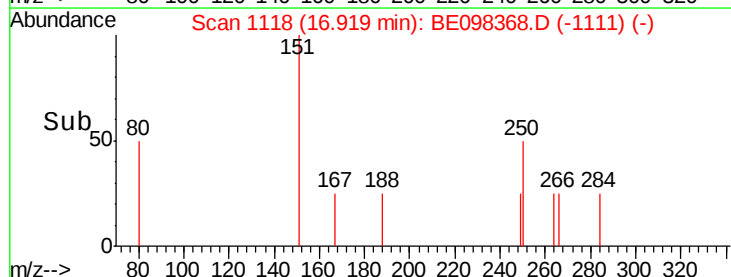
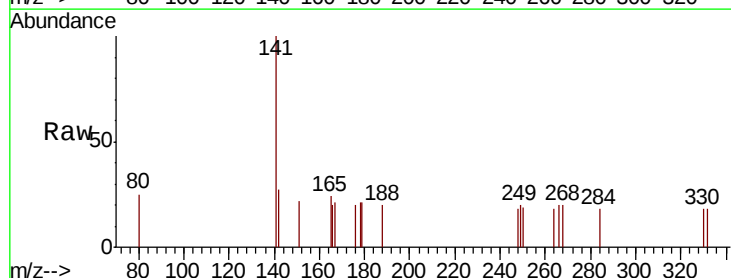
Tgt Ion:266 Resp: 12

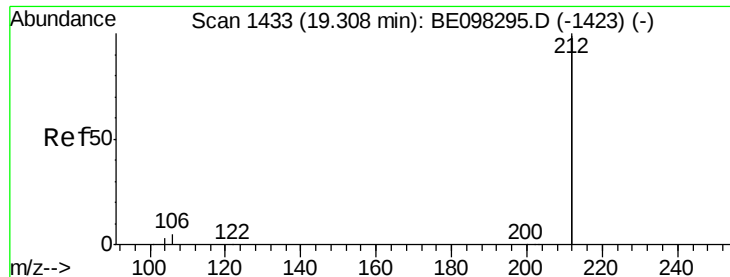
Ion Ratio Lower Upper

266 100

264 91.8 59.0 88.4#

268 100.0 55.1 82.7#





#25

Fluoranthene-d10

Concen: 0.460 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

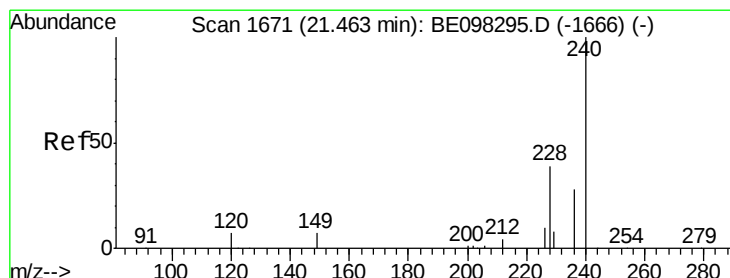
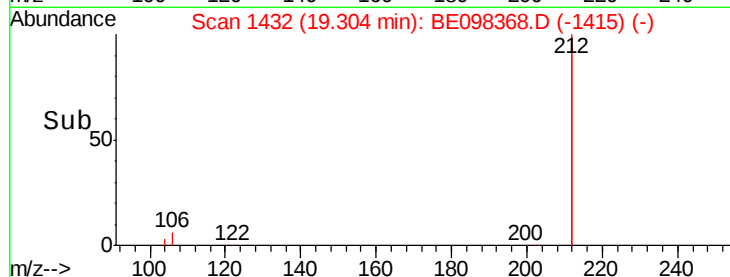
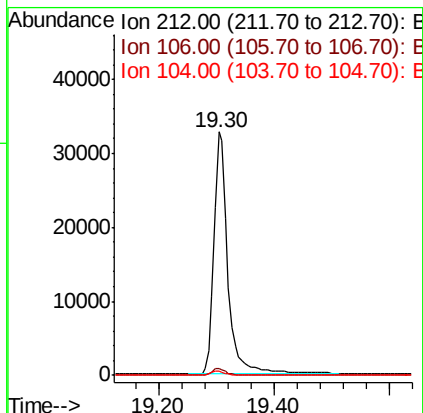
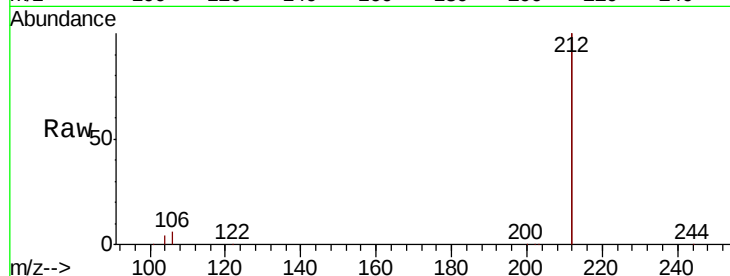
Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

Tgt Ion:	212	Resp:	54780
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

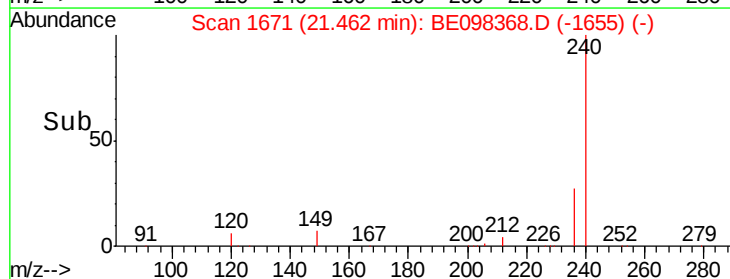
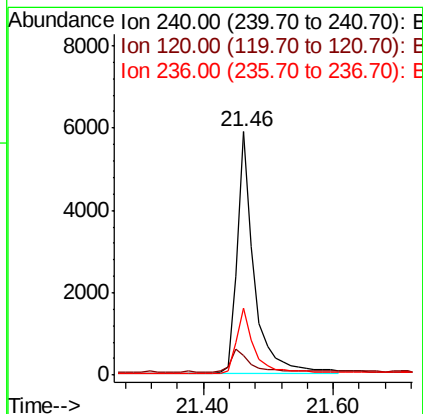
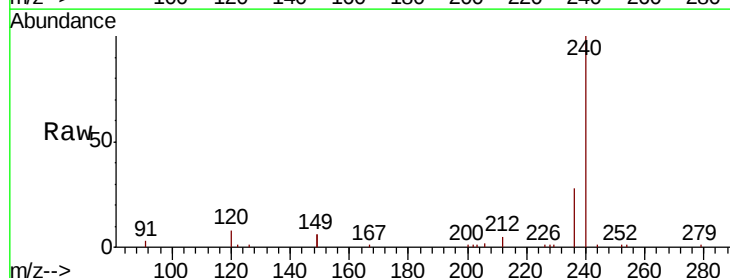
RT: 21.46 min Scan# 1671

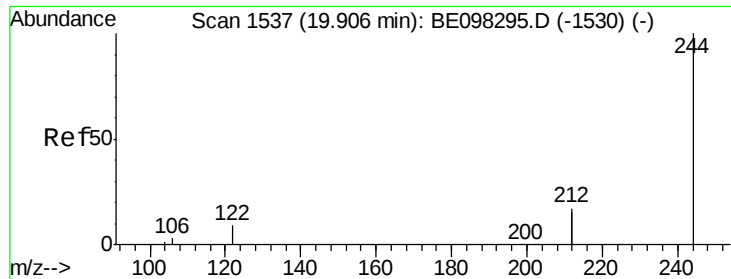
Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Tgt Ion:	240	Resp:	10631
Ion	Ratio	Lower	Upper
240	100		
120	7.8	9.5	14.3#
236	27.7	22.7	34.1





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

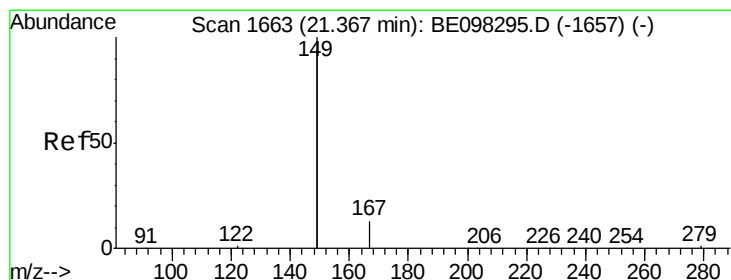
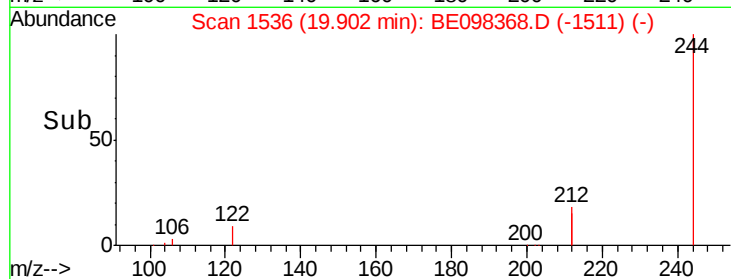
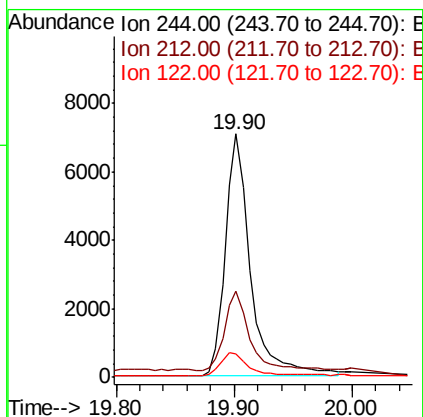
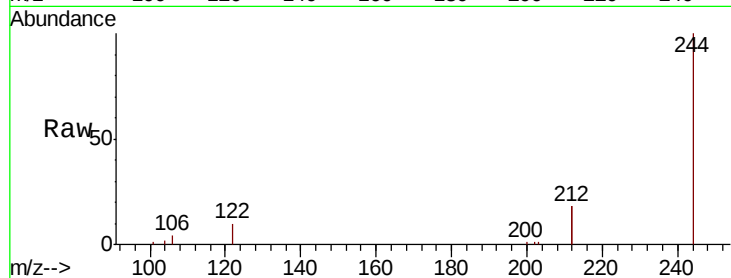
Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

Tgt Ion:	244	Resp:	10445
Ion	Ratio	Lower	Upper
244	100		
212	35.6	27.4	41.0
122	9.6	8.3	12.5



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

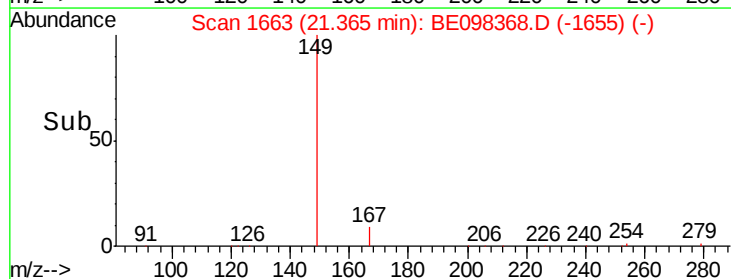
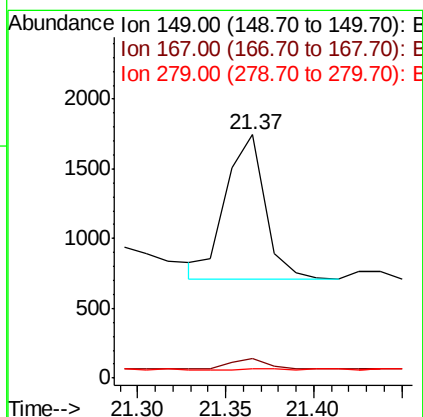
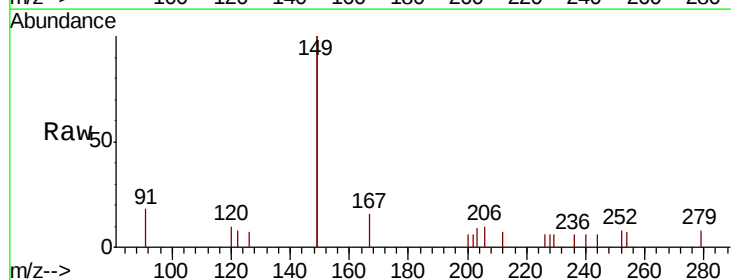
RT: 21.37 min Scan# 1663

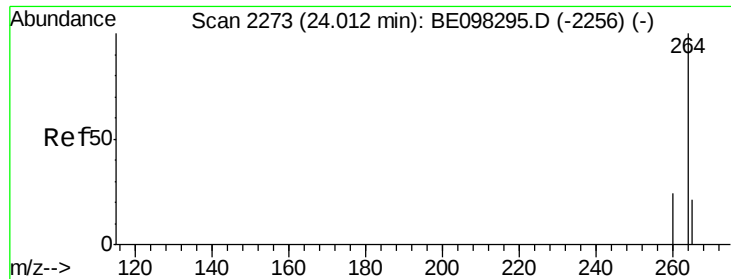
Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Tgt Ion:	149	Resp:	1633
Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.7	8.5
279	1.2	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098368.D
Acq: 12 Dec 2018 19:25

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205

Tgt Ion: 264 Resp: 10309
Ion Ratio Lower Upper
264 100
260 26.0 20.2 30.2
265 27.4 25.2 37.8

