

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098373.D
 Acq On : 12 Dec 2018 22:30
 Operator : SJ/JU
 Sample : J6324-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181206

Quant Time: Dec 13 05:53:35 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

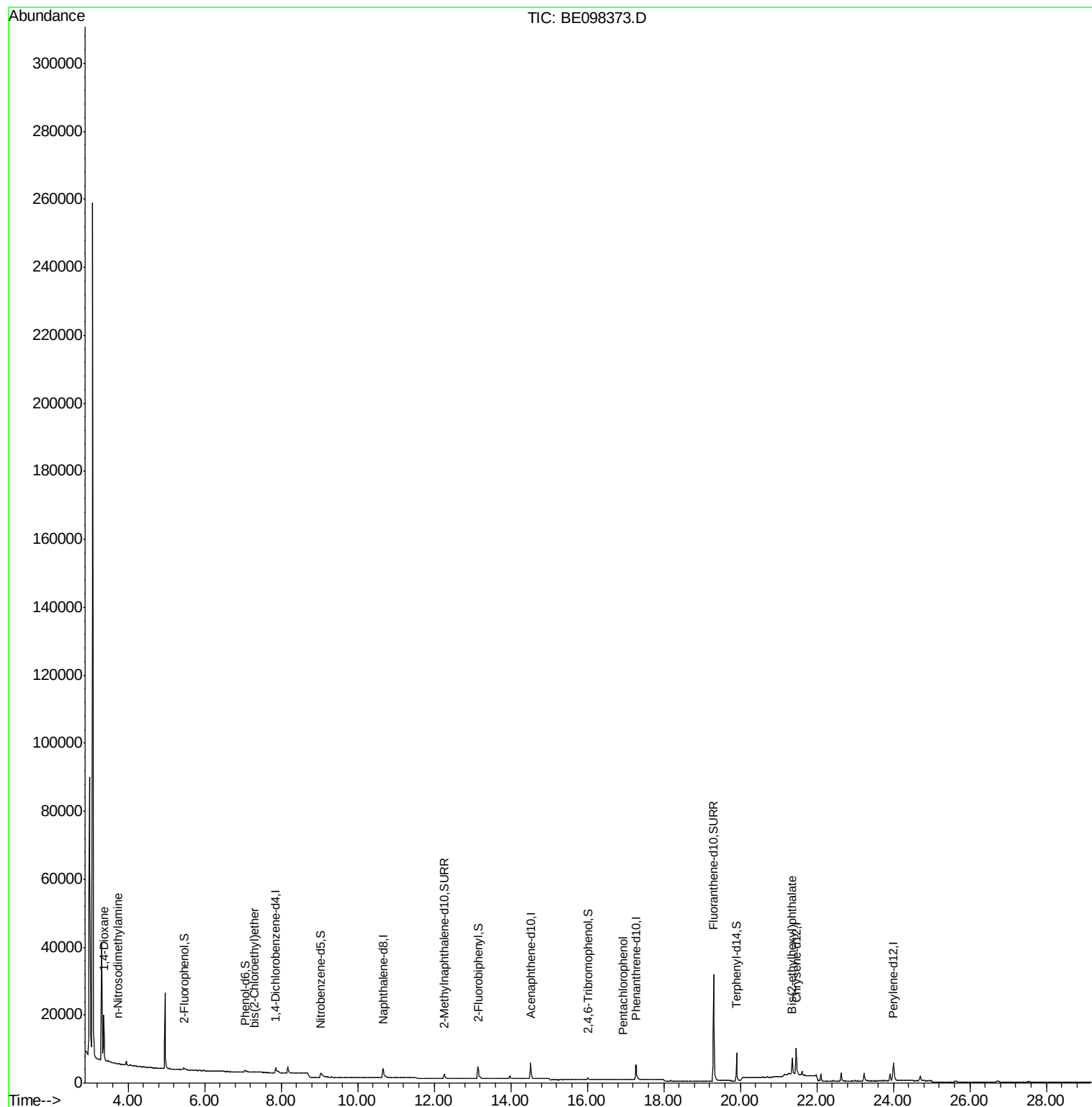
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1115	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4843	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3268	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	8732	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	10264	0.40	ng	0.00
34) Perylene-d12	24.00	264	9860	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	558	0.21	ng	0.01
5) Phenol-d6	7.05	99	433	0.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	1533	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3203	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	572	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5096	0.37	ng	0.00
25) Fluoranthene-d10	19.30	212	48943	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	8624	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	6487	3.364	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.73	42	43	0.025	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	119	0.034	ng	# 31
22) Pentachlorophenol	16.93	266	24	0.047	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.35	149	6267	0.106	ng	# 99

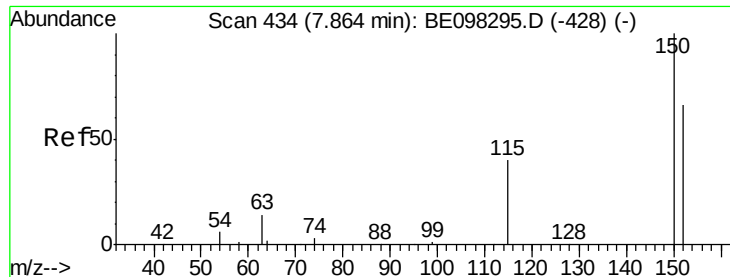
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098373.D

Acq: 12 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206

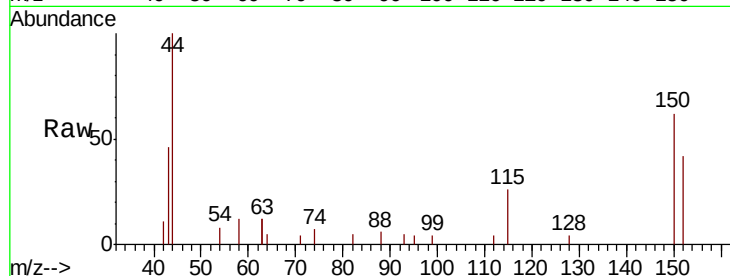
Tgt Ion:152 Resp: 1115

Ion Ratio Lower Upper

152 100

150 149.6 124.2 186.4

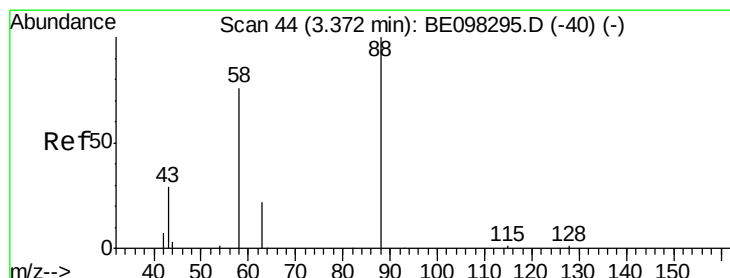
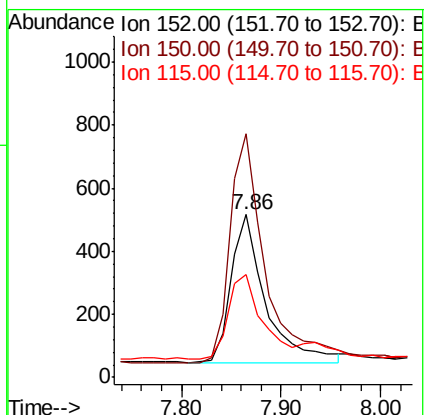
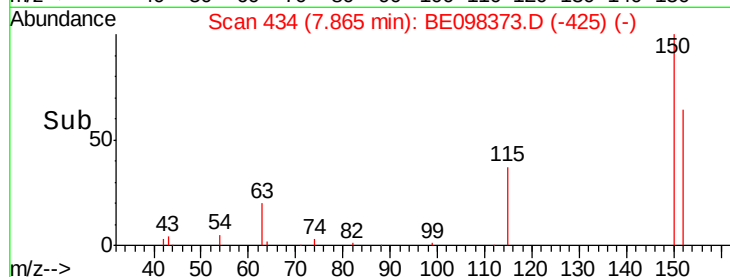
115 63.6 53.9 80.9



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: 3.364 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

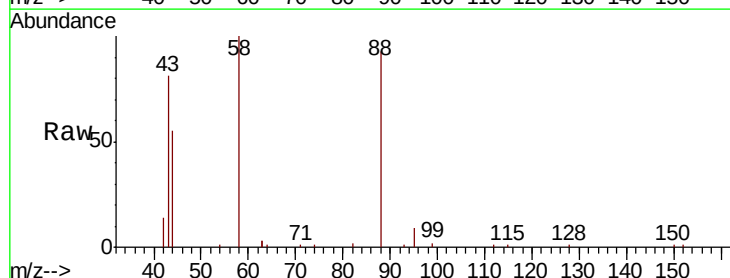
Tgt Ion: 88 Resp: 6487

Ion Ratio Lower Upper

88 100

58 94.1 75.0 112.6

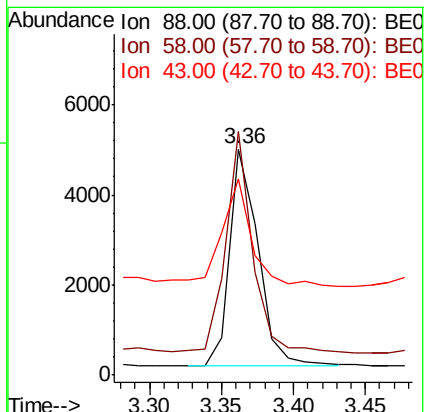
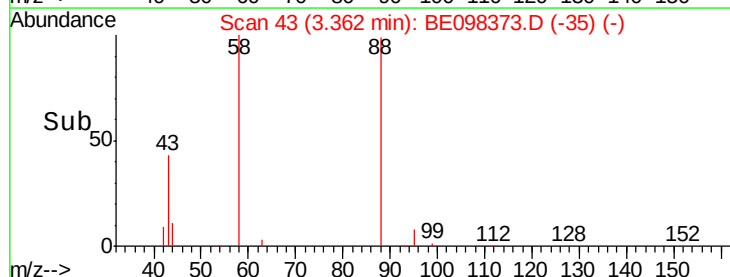
43 51.1 38.3 57.5

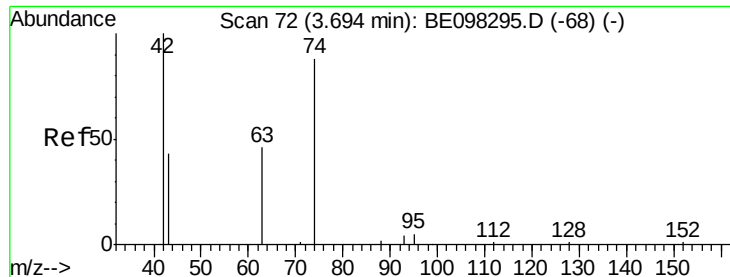


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.04 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

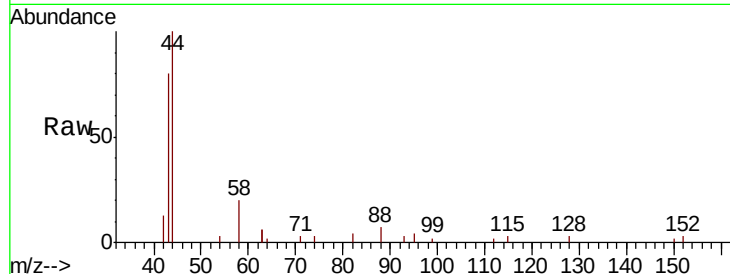
Instrument :

BNA_E

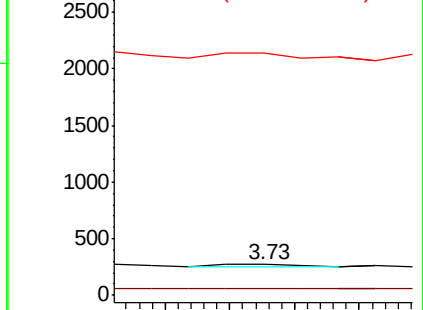
ClientSampleId :

RE-109D3-20181206

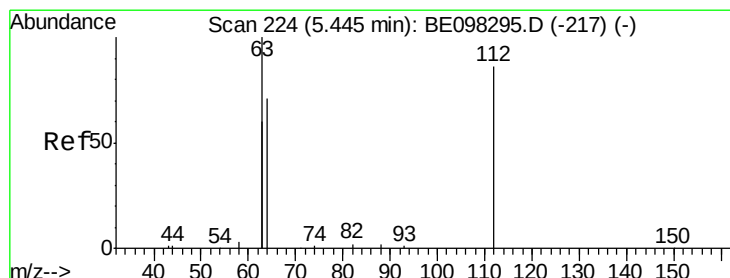
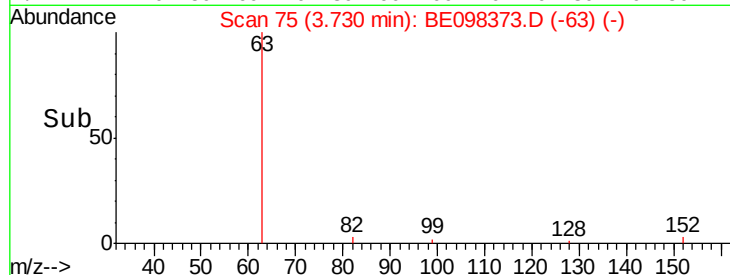
Tgt Ion:	42	Resp:	43
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	153.5	0.0	0.0#



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



Time-->



#4

2-Fluorophenol

Concen: 0.214 ng

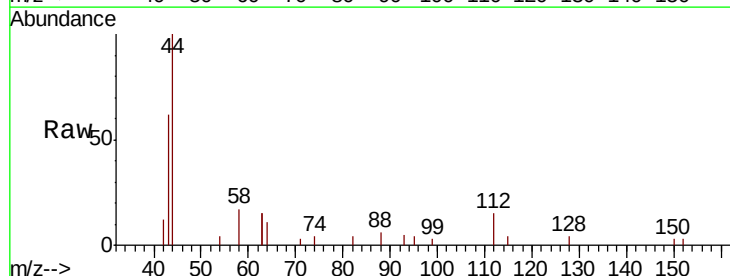
RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

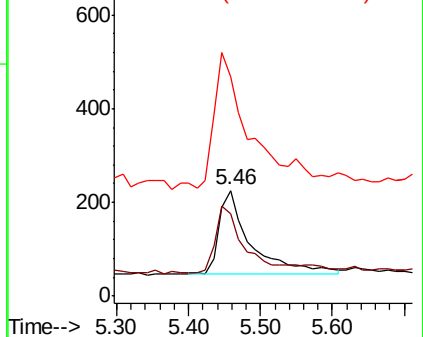
Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

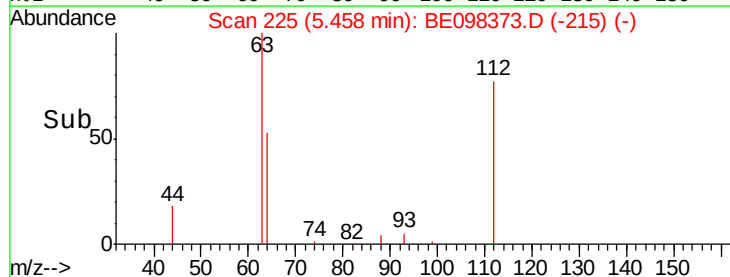
Tgt Ion:	112	Resp:	558
Ion	Ratio	Lower	Upper
112	100		
64	69.4	59.8	89.8
63	194.6	133.7	200.5

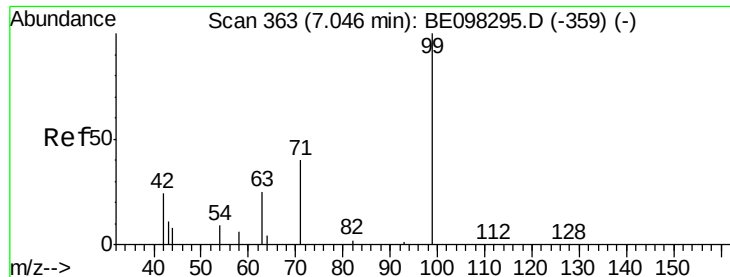


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.117 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206

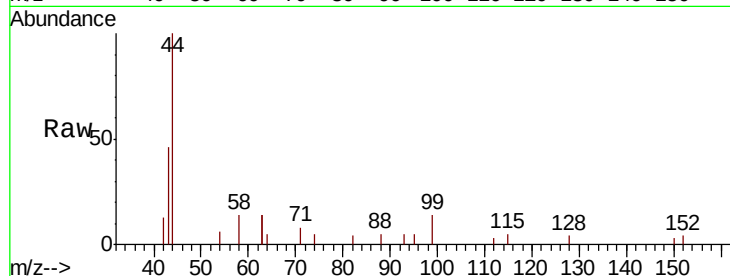
Tgt Ion: 99 Resp: 433

Ion Ratio Lower Upper

99 100

42 50.8 26.3 39.5#

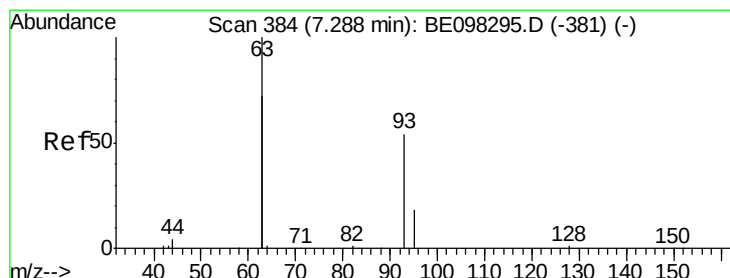
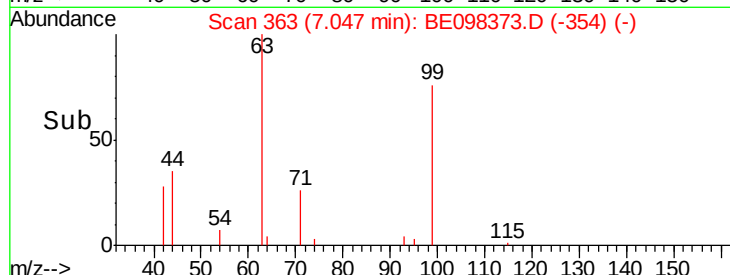
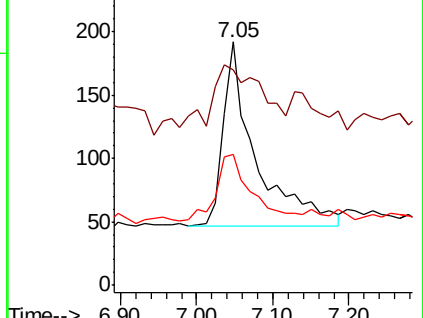
71 39.3 33.6 50.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

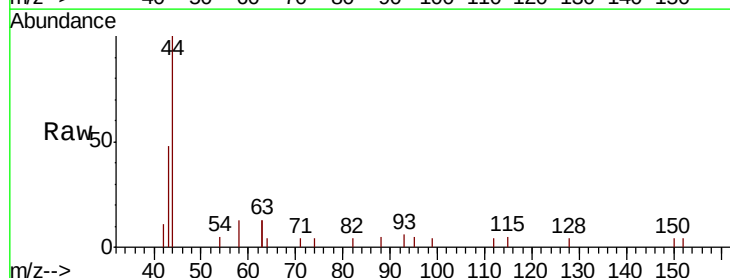
Tgt Ion: 93 Resp: 119

Ion Ratio Lower Upper

93 100

63 173.1 264.4 396.6#

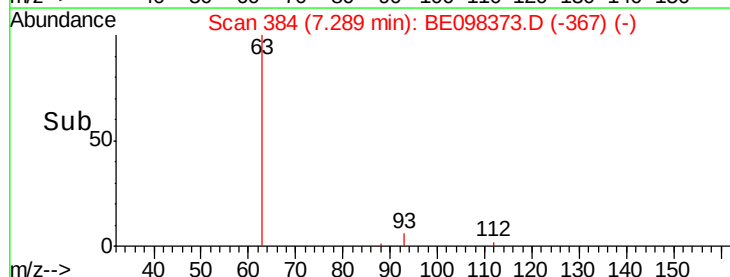
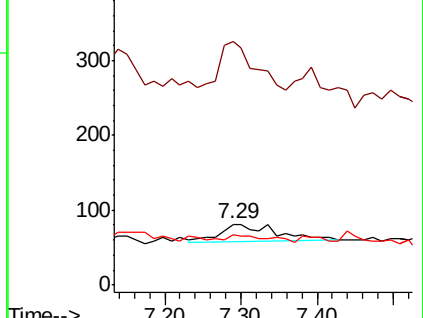
95 29.4 26.6 40.0

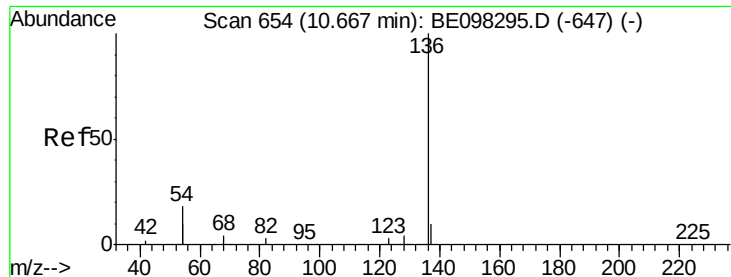


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206

Tgt Ion: 136 Resp: 4843

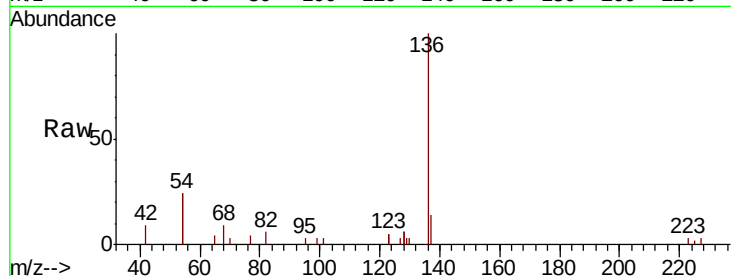
Ion Ratio Lower Upper

136 100

137 14.3 9.2 13.8#

54 47.4 28.4 42.6#

68 8.7 5.4 8.0#

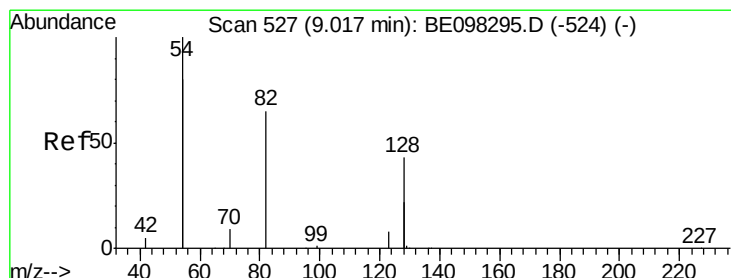
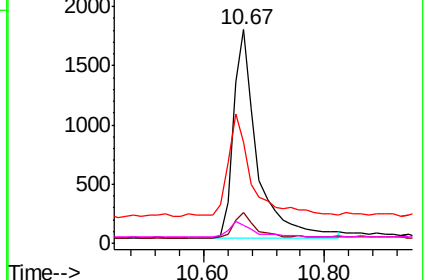
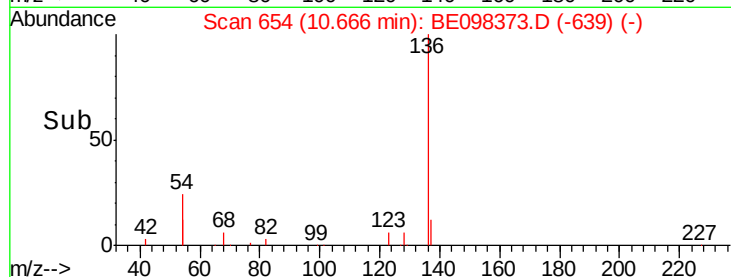


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

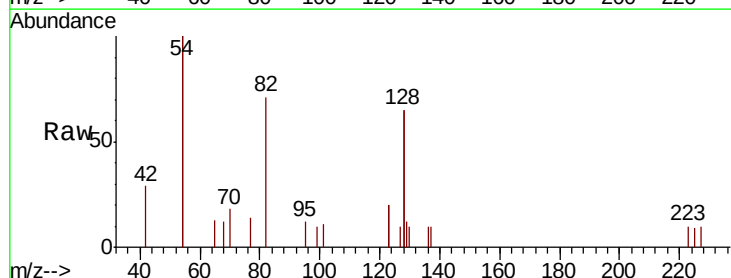
Tgt Ion: 82 Resp: 1533

Ion Ratio Lower Upper

82 100

128 182.8 102.4 153.6#

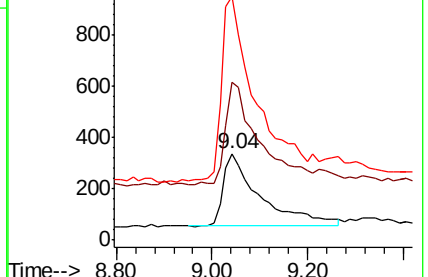
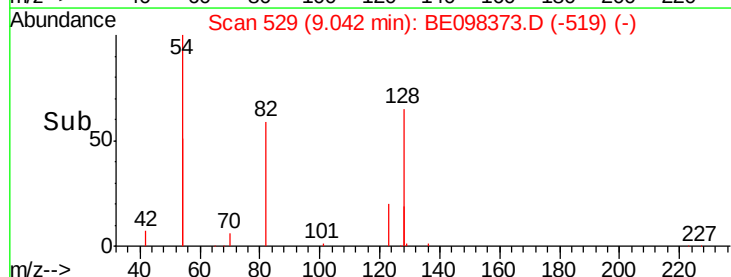
54 281.1 221.8 332.8

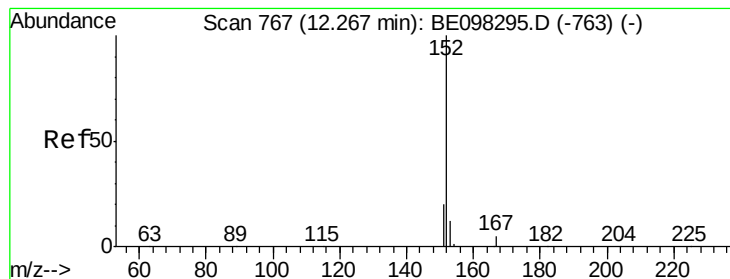


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

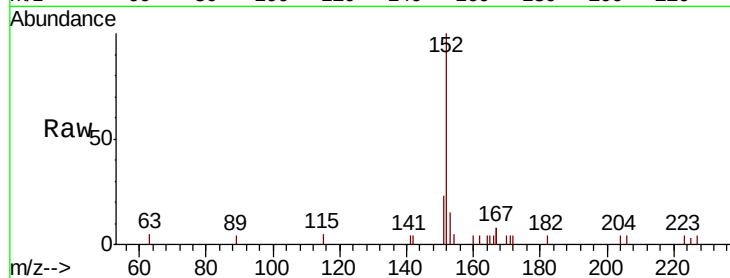
RE-109D3-20181206

Tgt Ion:152 Resp: 3203

Ion Ratio Lower Upper

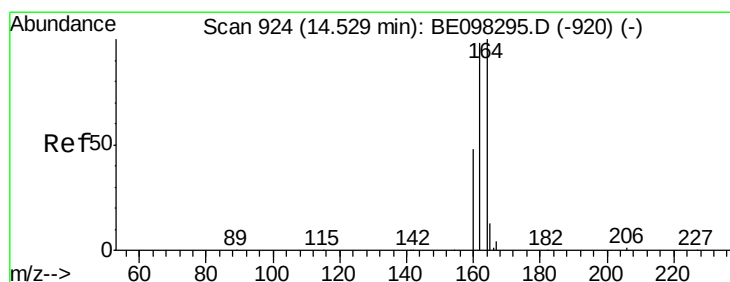
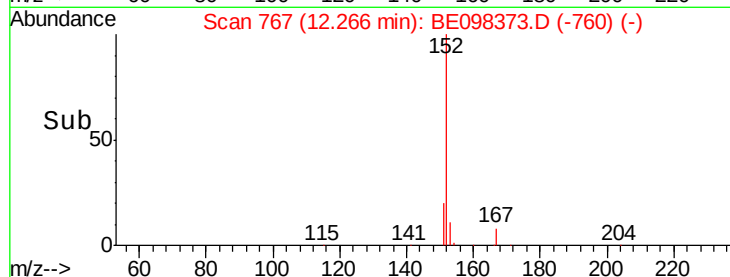
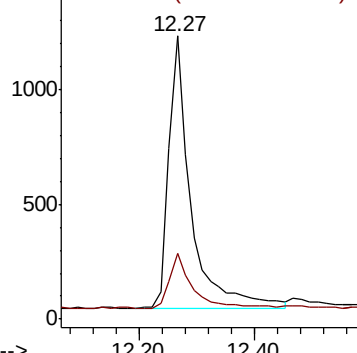
152 100

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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

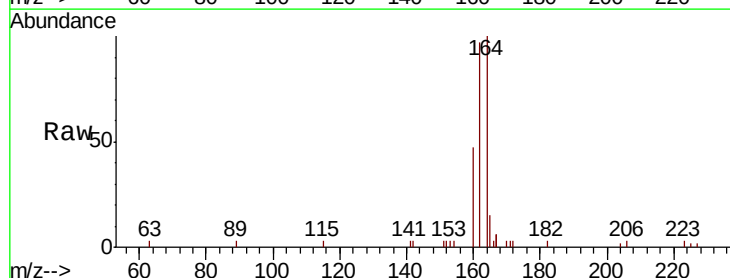
Tgt Ion:164 Resp: 3268

Ion Ratio Lower Upper

164 100

162 96.6 77.6 116.4

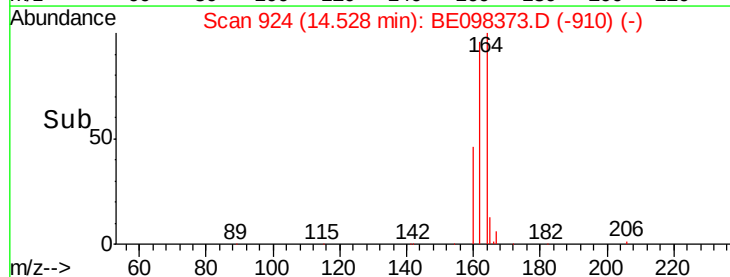
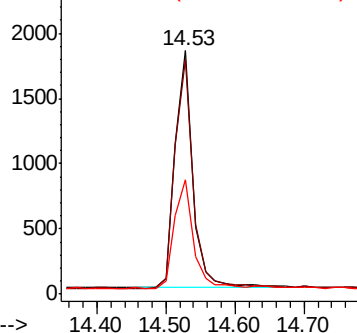
160 46.8 36.0 54.0

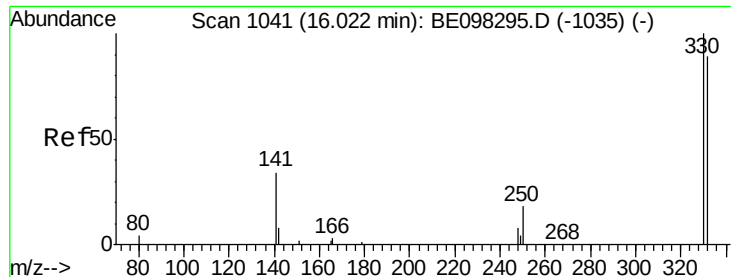


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

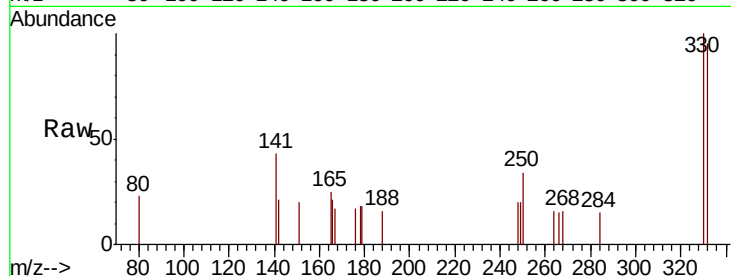




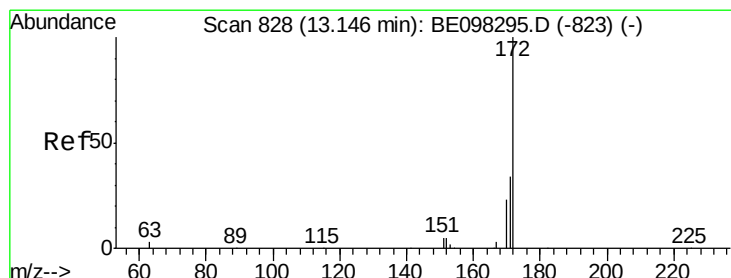
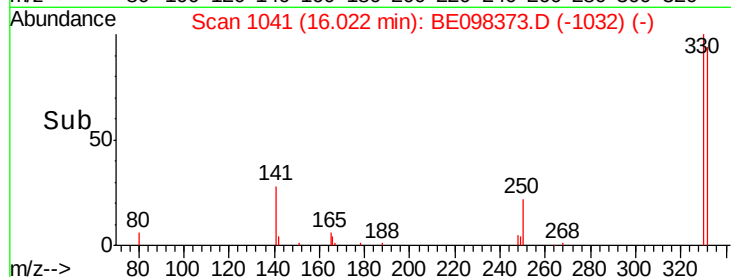
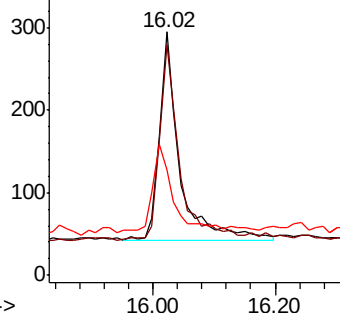
#14
 2,4,6-Tribromophenol
 Concen: 0.477 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098373.D
 Acq: 12 Dec 2018 22:30

Instrument :
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 RE-109D3-20181206

Tgt Ion: 330 Resp: 572
 Ion Ratio Lower Upper
 330 100
 332 93.0 76.2 114.4
 141 39.5 39.0 58.4

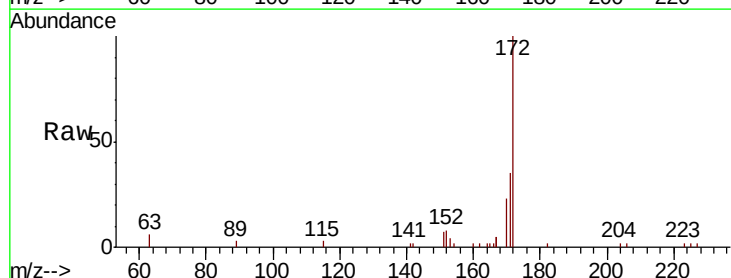


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

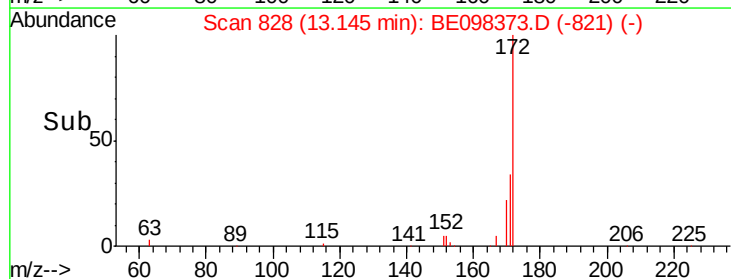
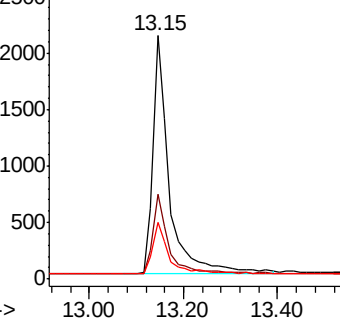


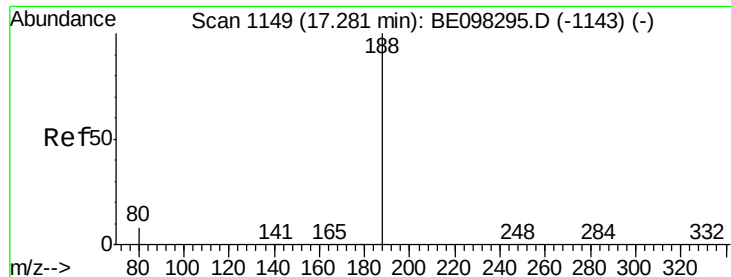
#15
 2-Fluorobiphenyl
 Concen: 0.370 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098373.D
 Acq: 12 Dec 2018 22:30

Tgt Ion: 172 Resp: 5096
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.5 41.3
 170 23.4 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206

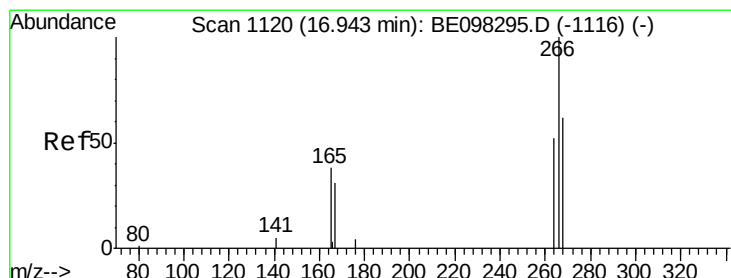
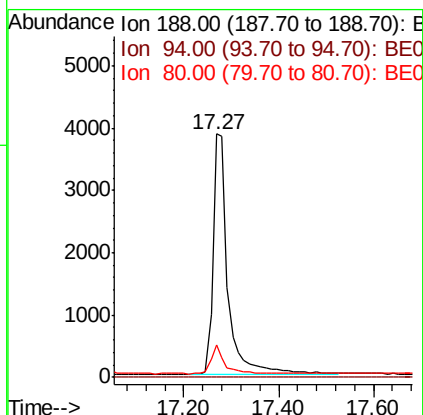
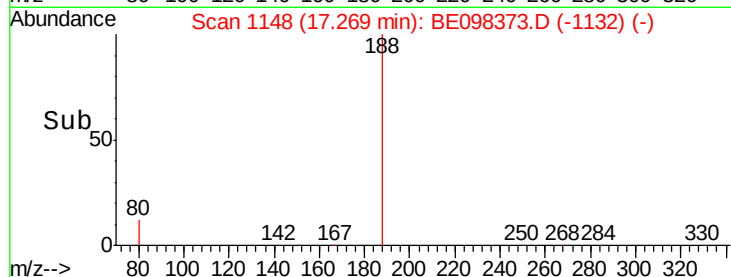
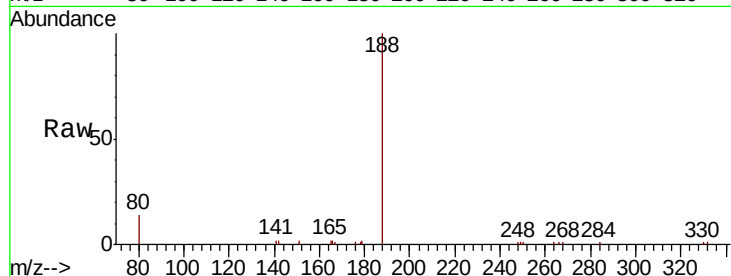
Tgt Ion:188 Resp: 8732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 7.2 10.8#



#22

Pentachlorophenol

Concen: 0.047 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

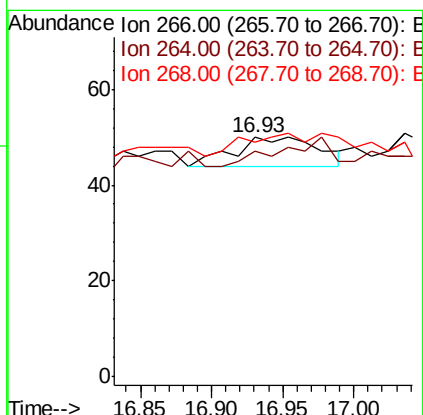
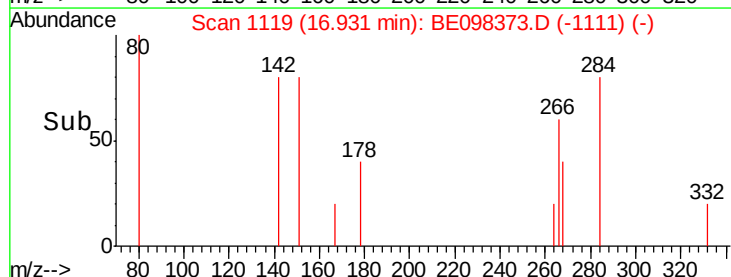
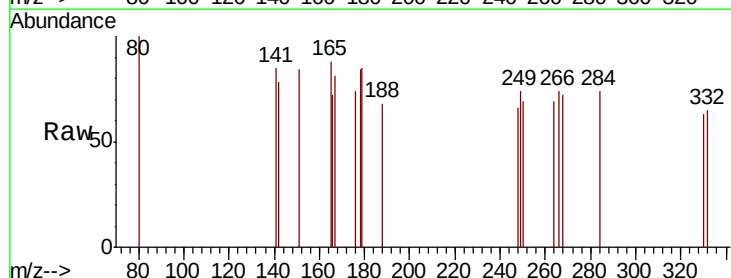
Tgt Ion:266 Resp: 24

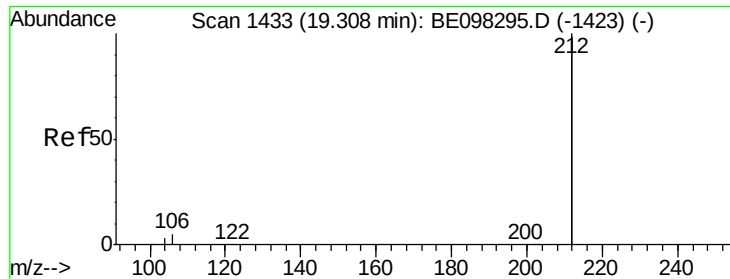
Ion Ratio Lower Upper

266 100

264 94.0 59.0 88.4#

268 98.0 55.1 82.7#





#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

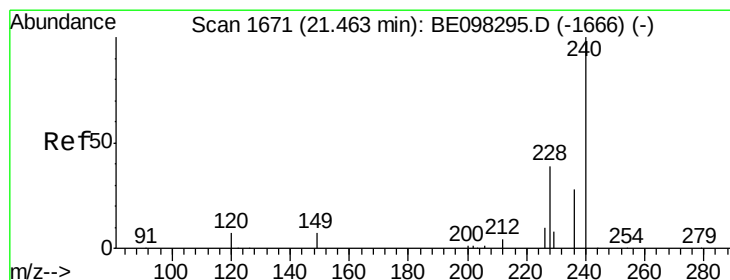
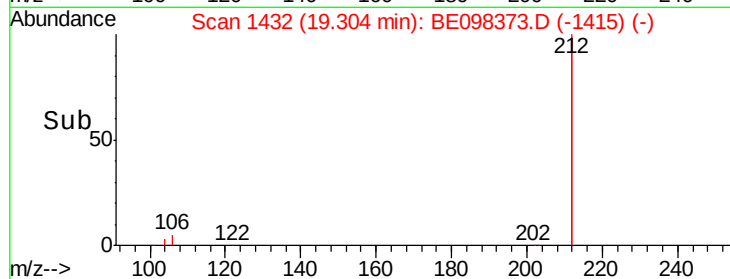
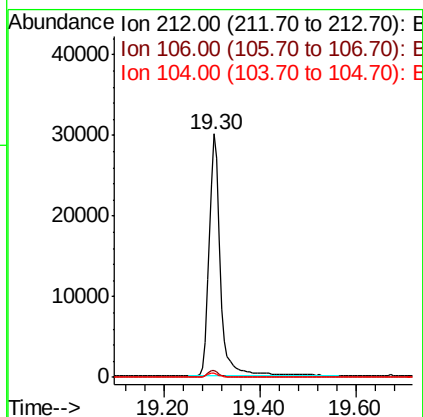
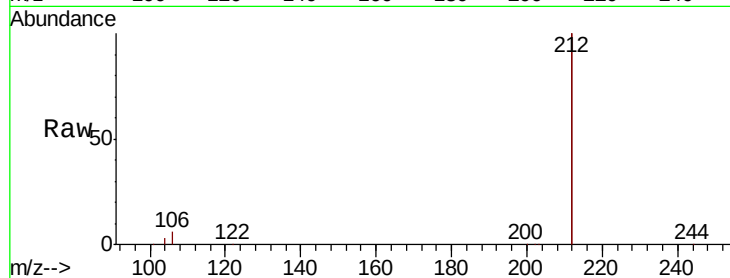
Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206

Tgt Ion:	212	Resp:	48943
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

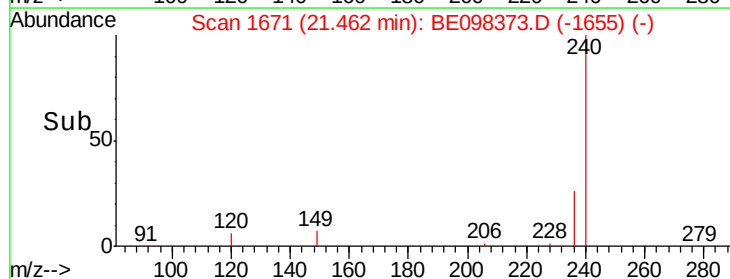
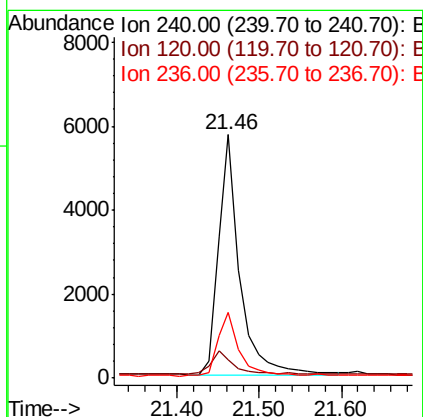
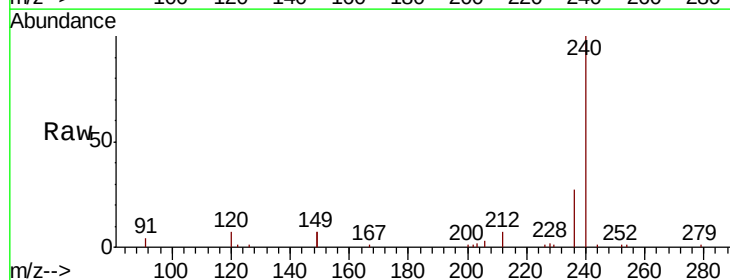
RT: 21.46 min Scan# 1671

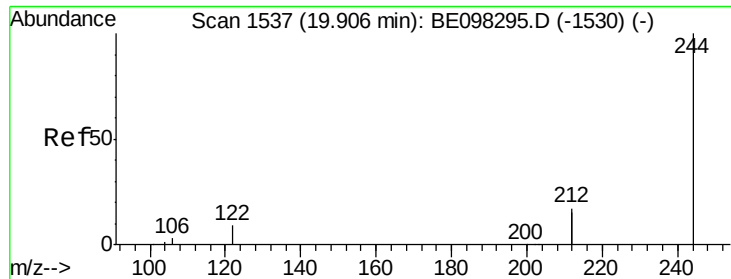
Delta R.T. -0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

Tgt Ion:	240	Resp:	10264
Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	27.0	22.7	34.1





#29

Terphenyl-d14

Concen: 0.346 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206

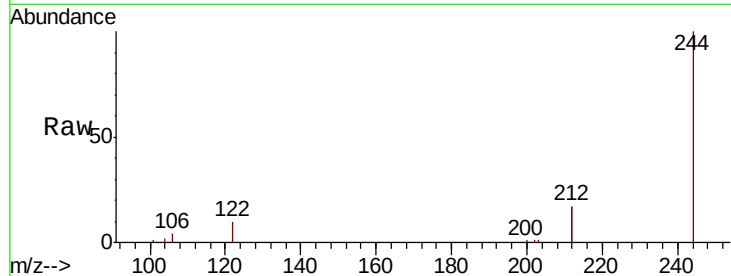
Tgt Ion:244 Resp: 8624

Ion Ratio Lower Upper

244 100

212 35.0 27.4 41.0

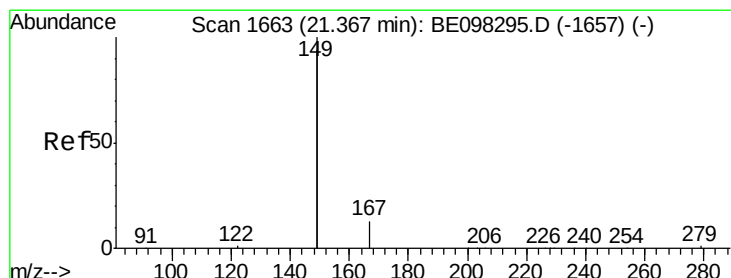
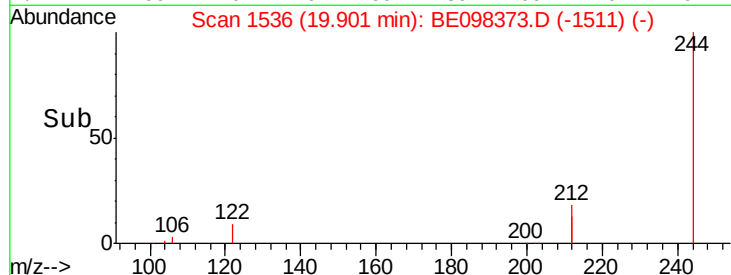
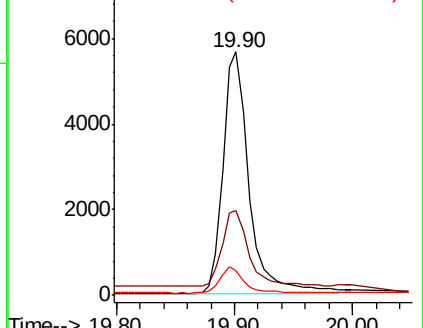
122 10.2 8.3 12.5



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: 0.106 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098373.D

Acq: 12 Dec 2018 22:30

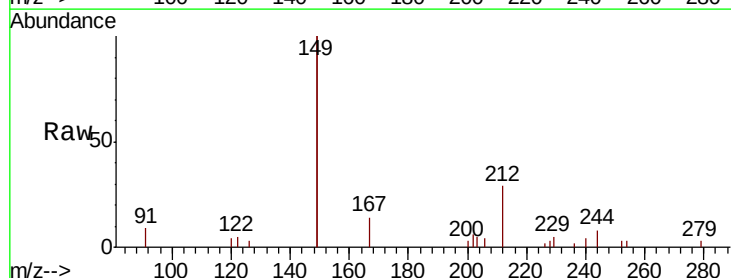
Tgt Ion:149 Resp: 6267

Ion Ratio Lower Upper

149 100

167 7.5 5.7 8.5

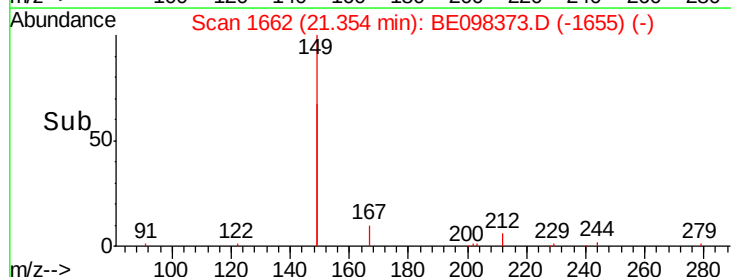
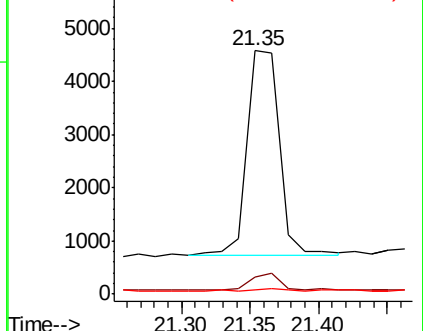
279 1.6 1.0 1.4#

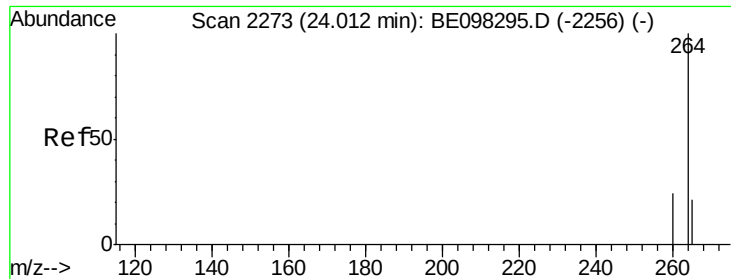


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098373.D

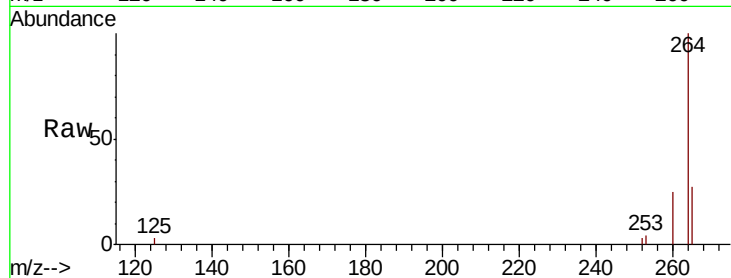
Acq: 12 Dec 2018 22:30

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206



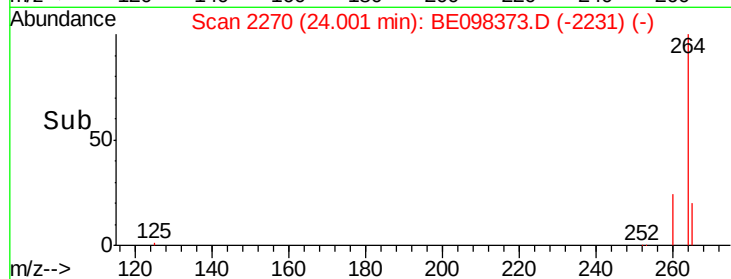
Tgt Ion: 264 Resp: 9860

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 27.0 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

