

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
 Data File : BE098475.D
 Acq On : 15 Dec 2018 16:53
 Operator : SJ/JU
 Sample : J6405-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20181212

Quant Time: Dec 16 02:34:21 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	719	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3087	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1995	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5152	0.40	ng	0.00
27) Chrysene-d12	21.46	240	5957	0.40	ng	0.00
34) Perylene-d12	24.00	264	5677	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	277	0.16	ng	0.01
5) Phenol-d6	7.06	99	244	0.10	ng	0.01
8) Nitrobenzene-d5	9.04	82	1044	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2274	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	278	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	3566	0.42	ng	0.00
25) Fluoranthene-d10	19.30	212	30180	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	5945	0.41	ng	0.00

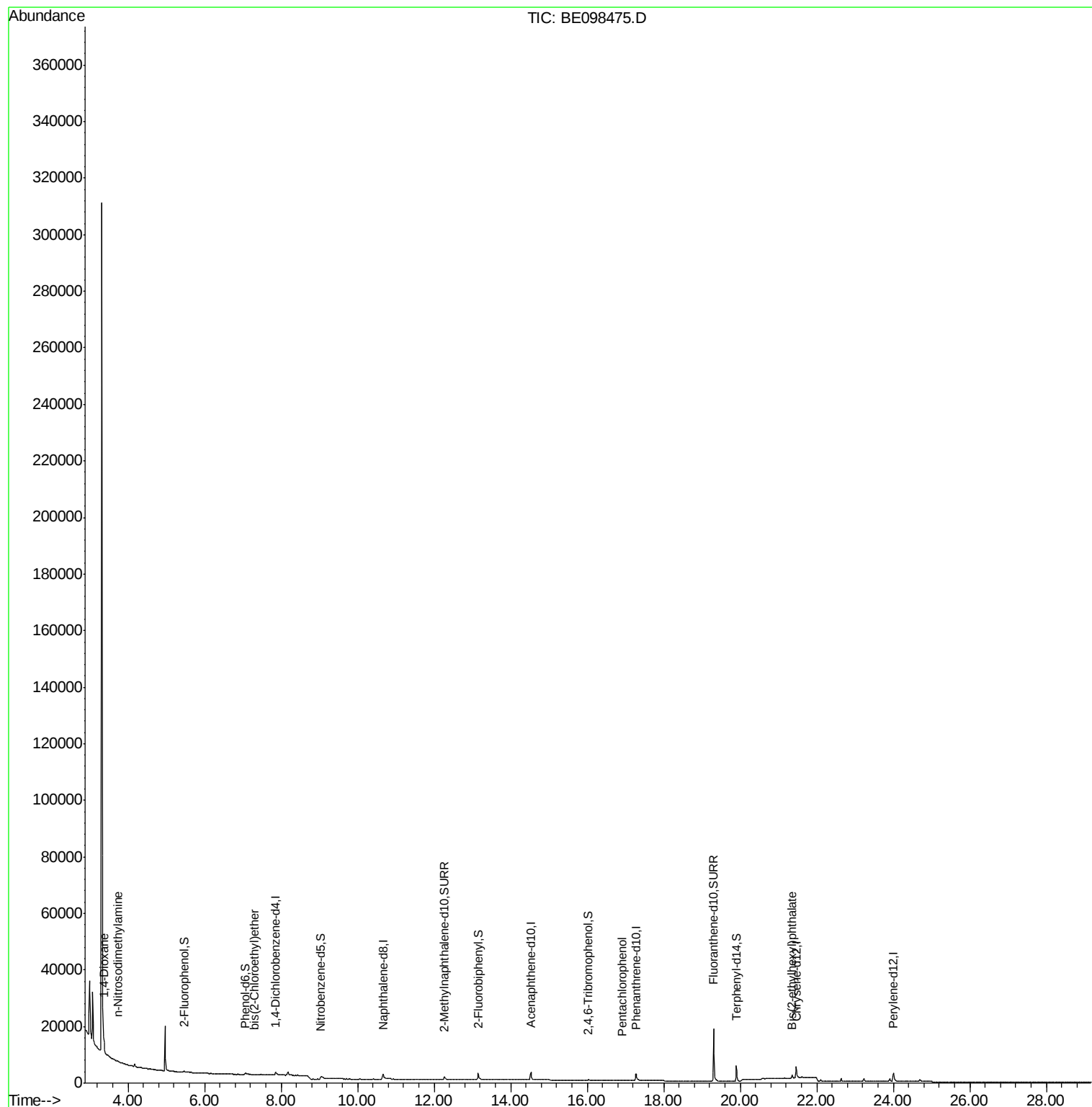
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	1717	1.381	ng	# 88
3) n-Nitrosodimethylamine	3.74	42	33	0.029	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	52	0.023	ng	# 69
22) Pentachlorophenol	16.92	266	5	0.027	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.35	149	1787	0.052	ng	97

(#) = 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: BE098475.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_E

ClientSampleId :

TT101D2-20181212

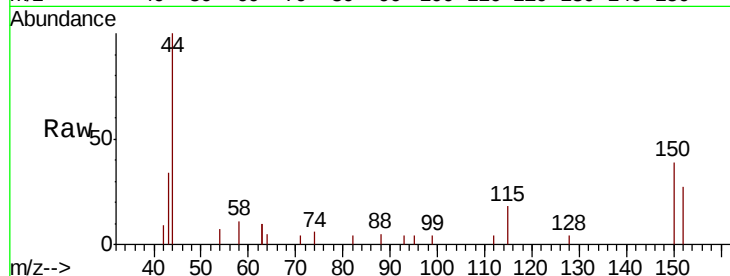
Tgt Ion:152 Resp: 719

Ion Ratio Lower Upper

152 100

150 146.0 124.2 186.4

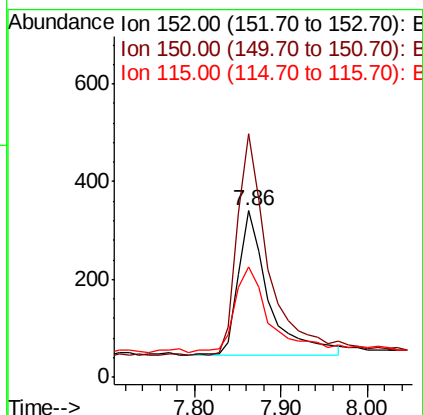
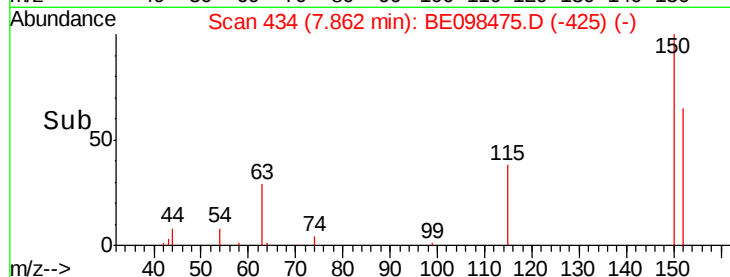
115 66.6 53.9 80.9



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: 1.381 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

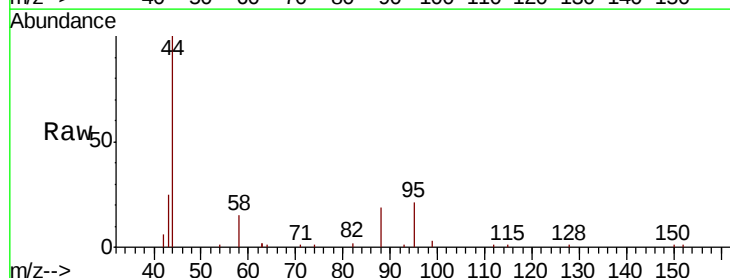
Tgt Ion: 88 Resp: 1717

Ion Ratio Lower Upper

88 100

58 94.9 75.0 112.6

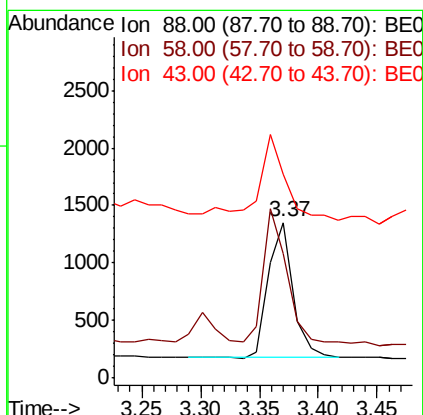
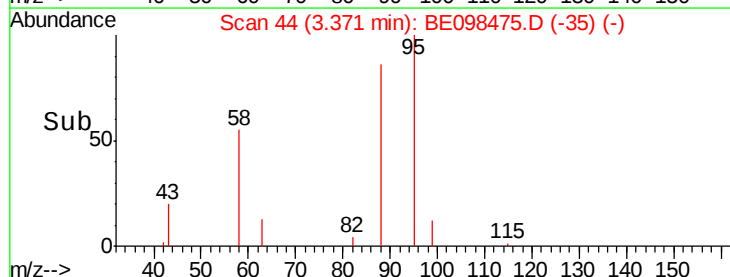
43 70.1 38.3 57.5#



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: 0.029 ng

RT: 3.74 min Scan# 76

Delta R.T. 0.04 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

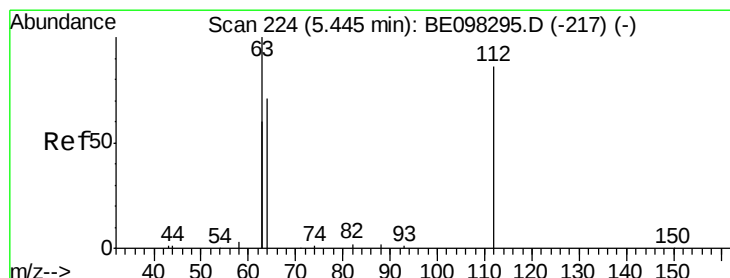
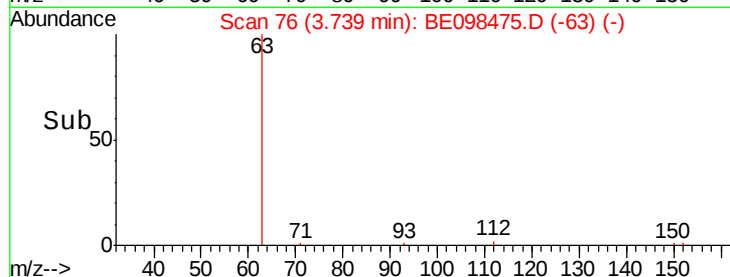
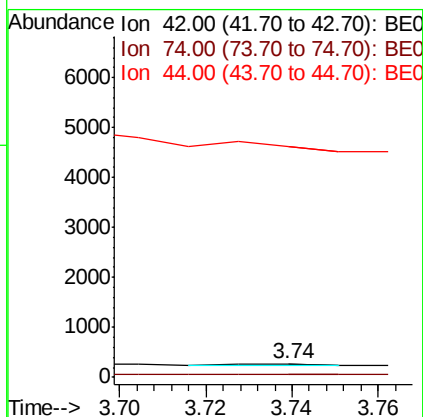
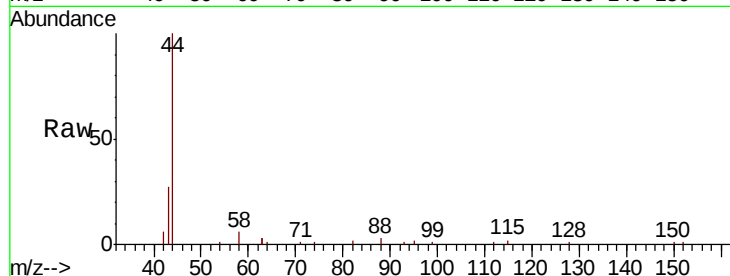
Instrument :

BNA_E

ClientSampleId :

TT101D2-20181212

Tgt Ion:	42	Resp:	33
Ion	Ratio	Lower	Upper
42	100		
74	18.2	0.0	0.0#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.165 ng

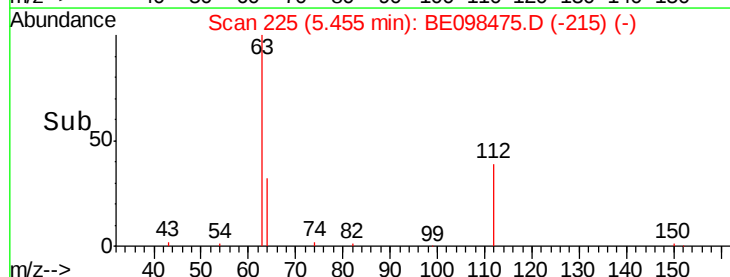
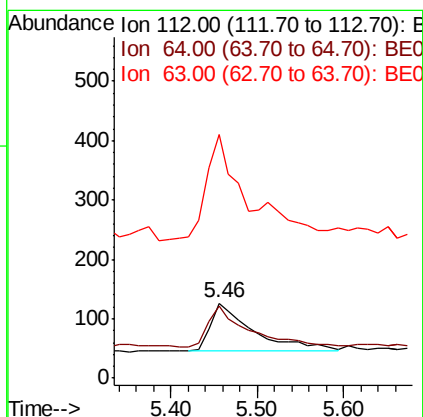
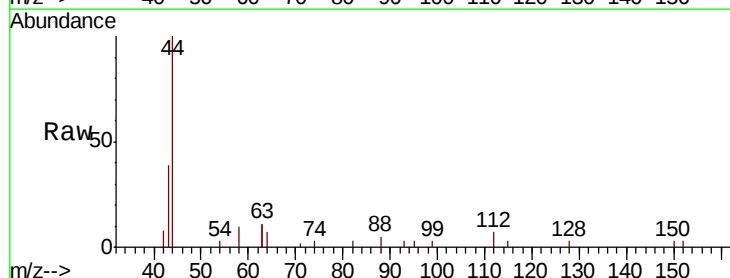
RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

Tgt Ion:	112	Resp:	277
Ion	Ratio	Lower	Upper
112	100		
64	84.5	59.8	89.8
63	158.1	133.7	200.5





#5

Phenol-d6

Concen: 0.102 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_E

ClientSampleId :

TT101D2-20181212

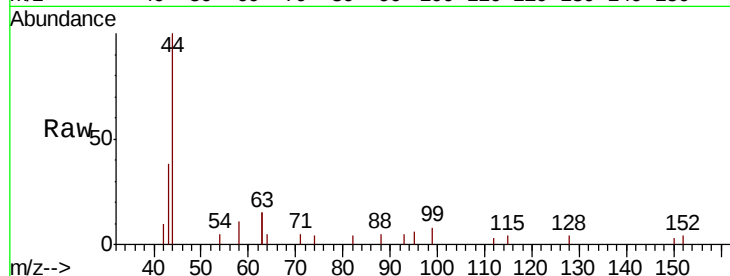
Tgt Ion: 99 Resp: 244

Ion Ratio Lower Upper

99 100

42 46.7 26.3 39.5#

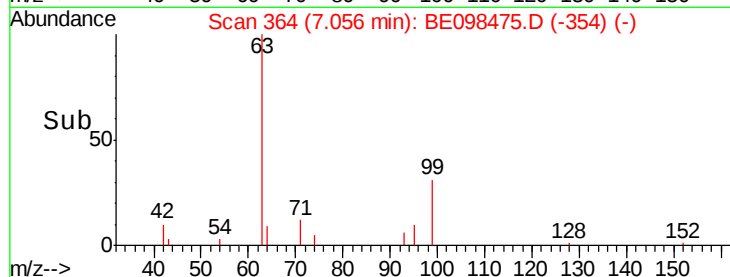
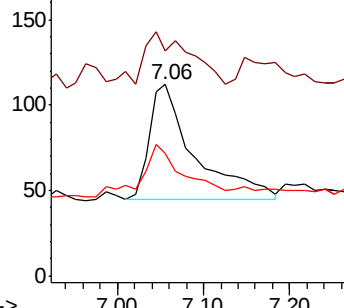
71 45.1 33.6 50.4



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: 0.023 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

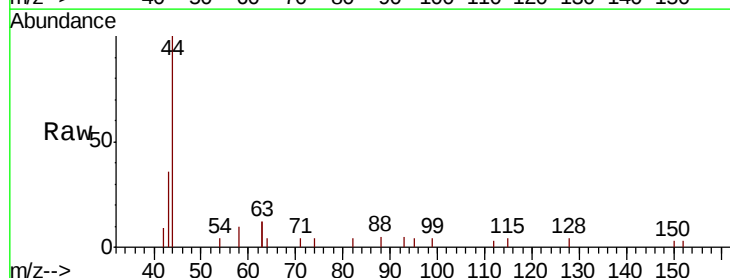
Tgt Ion: 93 Resp: 52

Ion Ratio Lower Upper

93 100

63 271.2 264.4 396.6

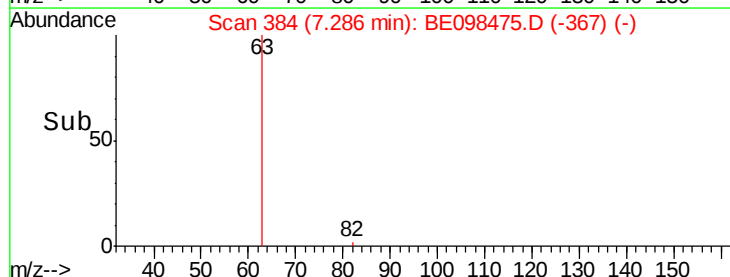
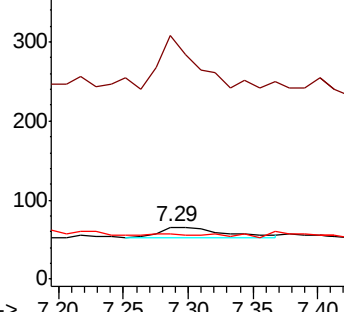
95 0.0 26.6 40.0#

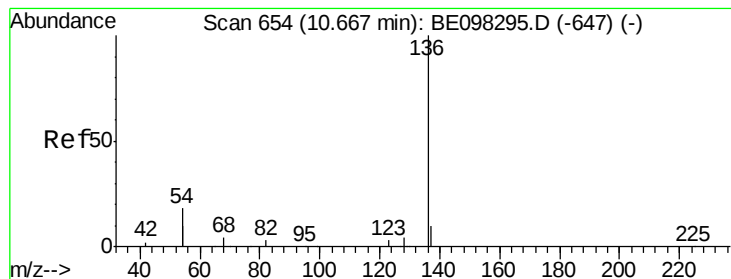


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098475.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_E

ClientSampleId :

TT101D2-20181212

Tgt Ion:136 Resp: 3087

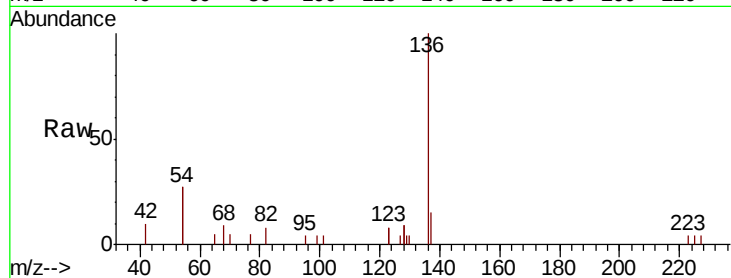
Ion Ratio Lower Upper

136 100

137 14.5 9.2 13.8#

54 53.8 28.4 42.6#

68 8.9 5.4 8.0#

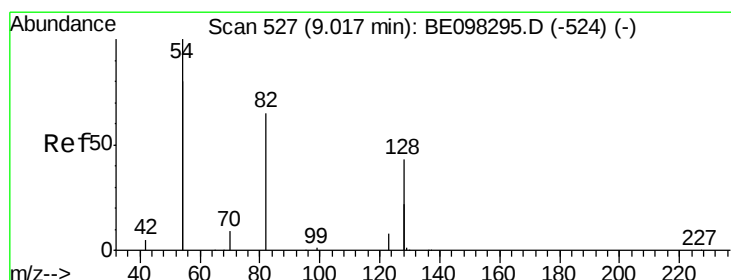
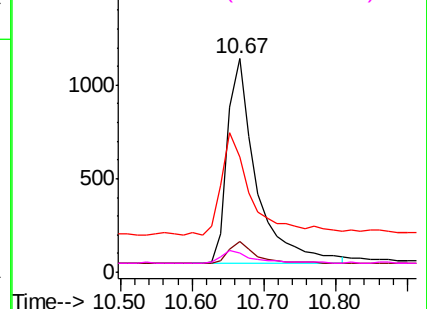
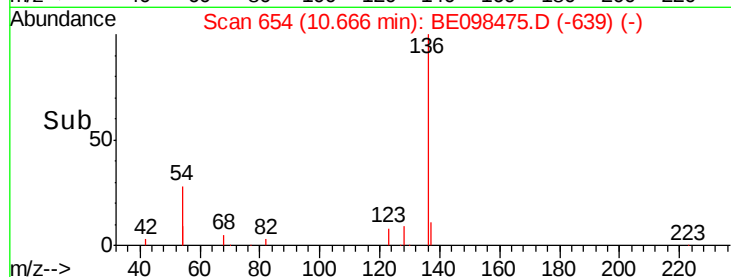


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

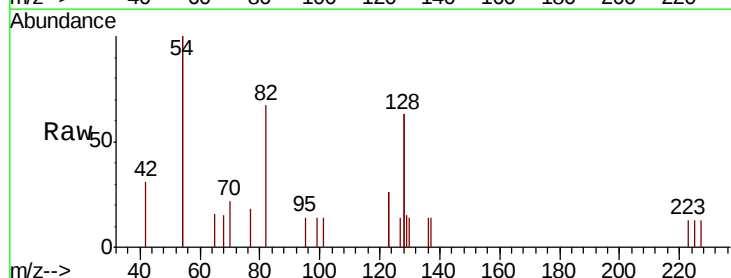
Tgt Ion: 82 Resp: 1044

Ion Ratio Lower Upper

82 100

128 187.9 102.4 153.6#

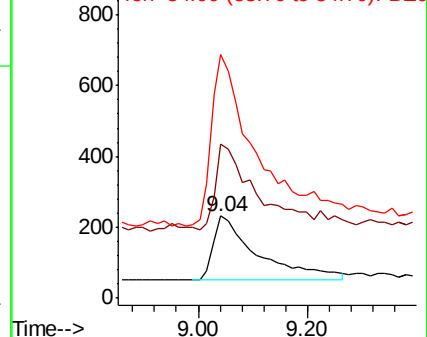
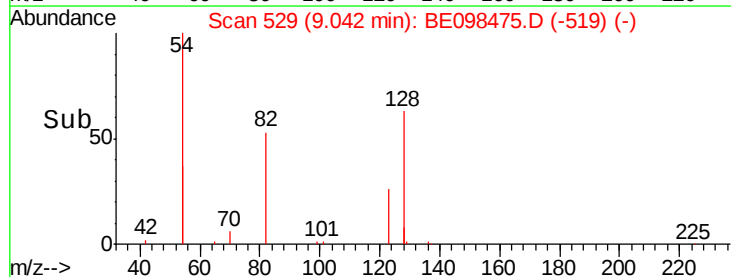
54 296.6 221.8 332.8

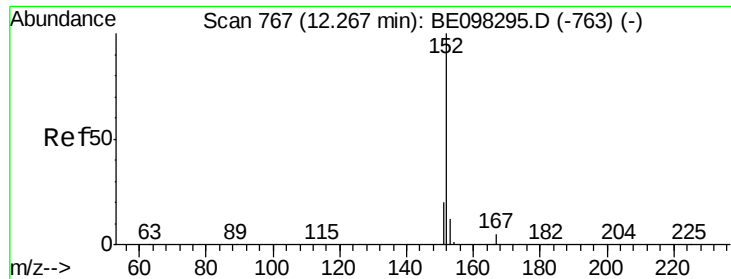


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

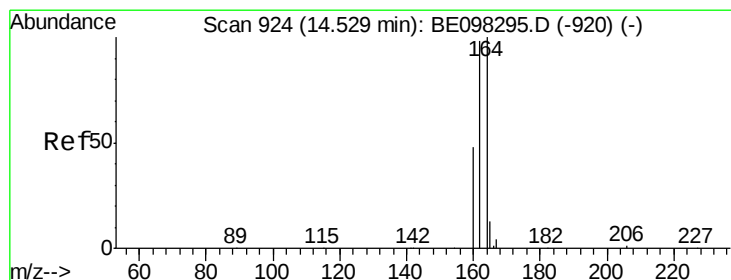
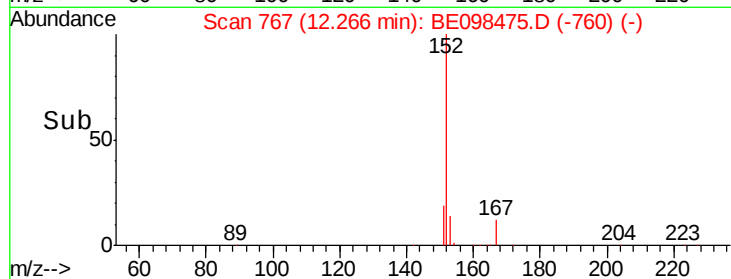
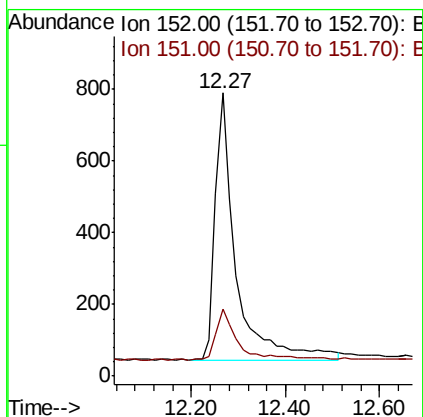
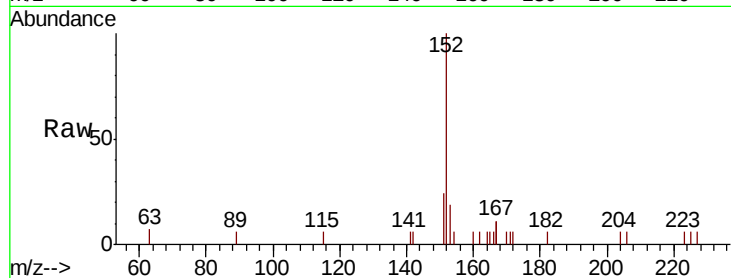




#11
 2-Methylnaphthalene-d10
 Concen: 0.453 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098475.D
 Acq: 15 Dec 2018 16:53

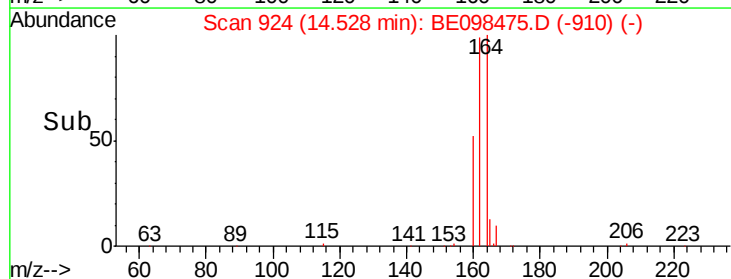
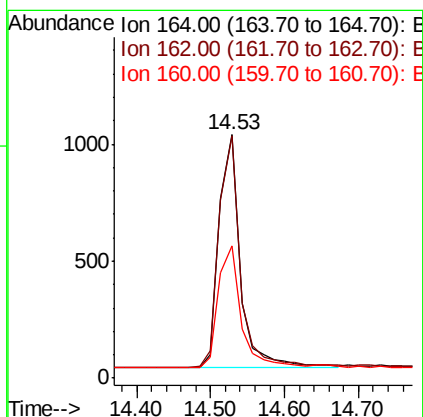
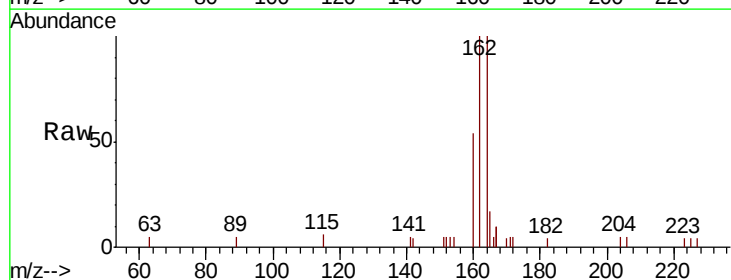
Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20181212

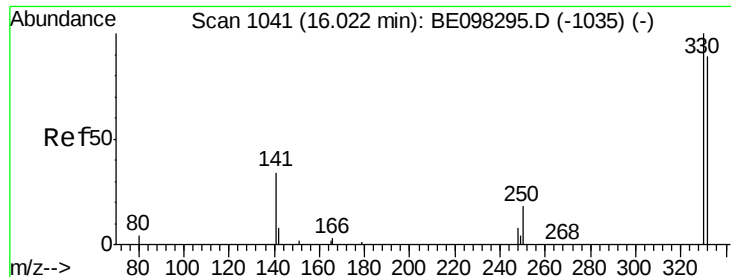
Tgt Ion:152 Resp: 2274
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098475.D
 Acq: 15 Dec 2018 16:53

Tgt Ion:164 Resp: 1995
 Ion Ratio Lower Upper
 164 100
 162 99.6 77.6 116.4
 160 54.2 36.0 54.0#

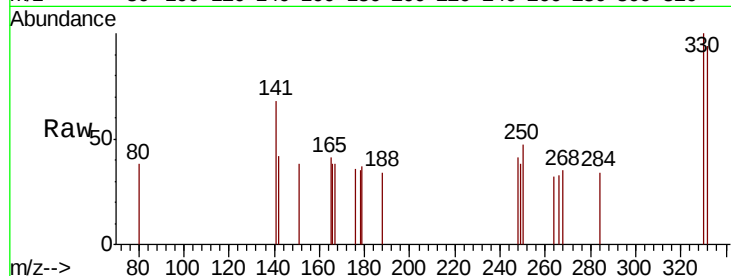




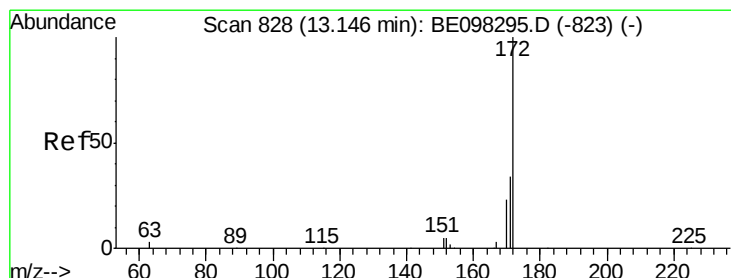
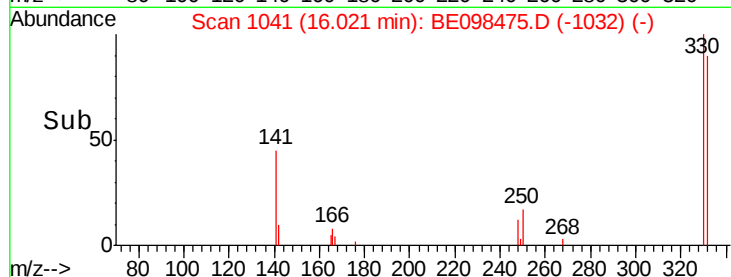
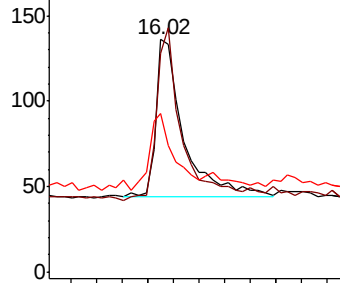
#14
 2,4,6-Tribromophenol
 Concen: 0.380 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098475.D
 Acq: 15 Dec 2018 16:53

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20181212

Tgt Ion: 330 Resp: 278
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.2 114.4
 141 41.4 39.0 58.4

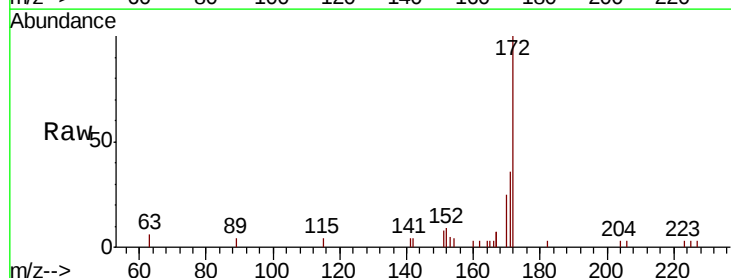


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

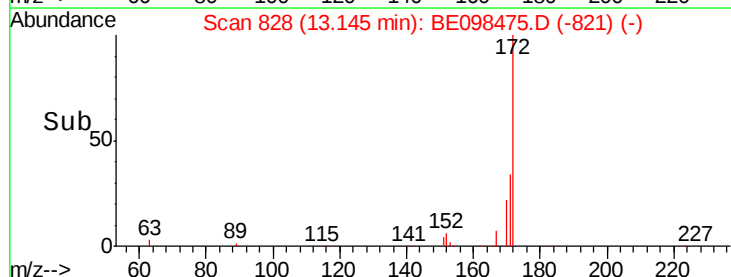
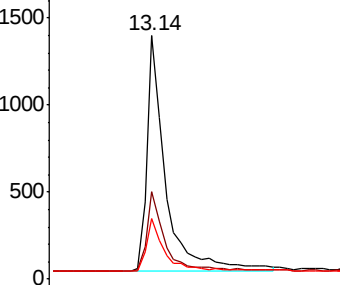


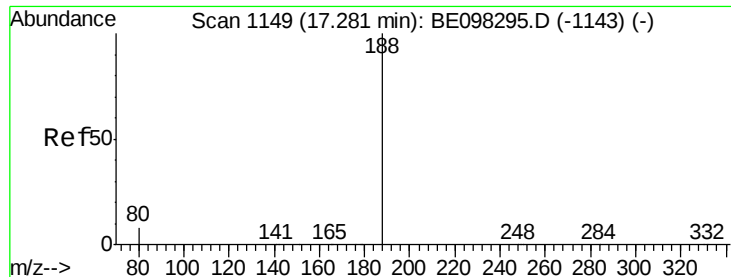
#15
 2-Fluorobiphenyl
 Concen: 0.424 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098475.D
 Acq: 15 Dec 2018 16:53

Tgt Ion: 172 Resp: 3566
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.5 41.3
 170 24.8 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: BE098475.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_E

ClientSampleId :

TT101D2-20181212

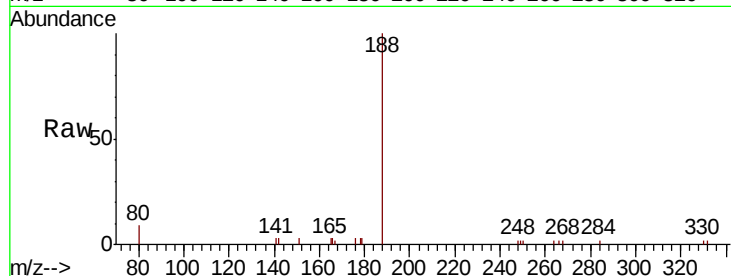
Tgt Ion:188 Resp: 5152

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

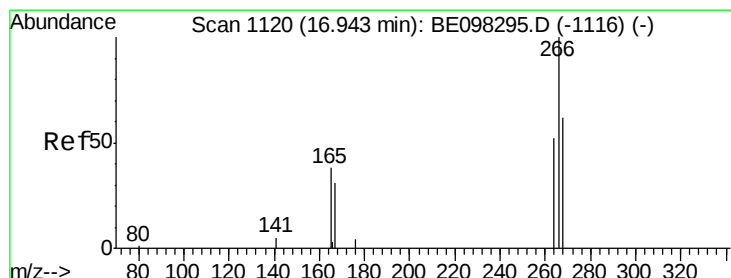
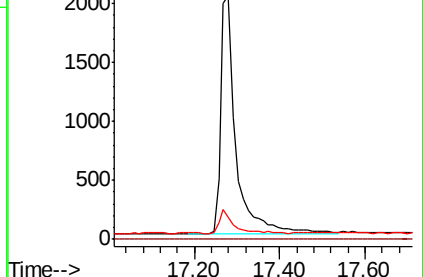
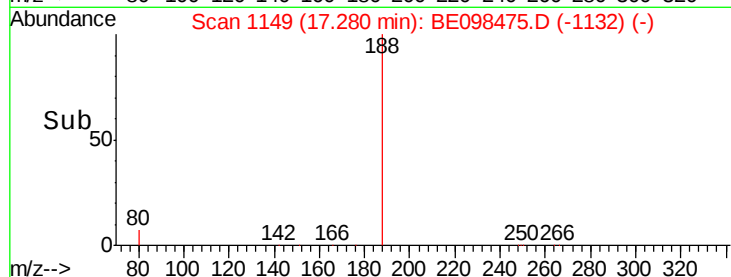
80 9.2 7.2 10.8



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: BE098475.D

Acq: 15 Dec 2018 16:53

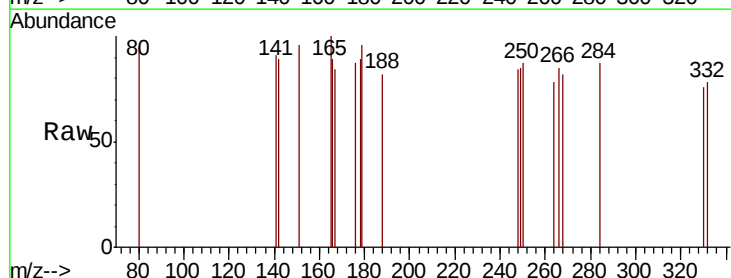
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 91.5 59.0 88.4#

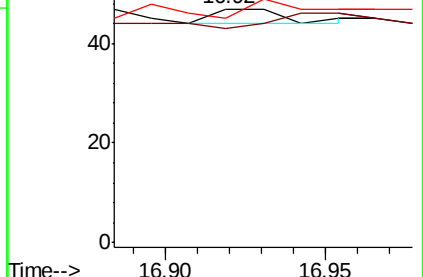
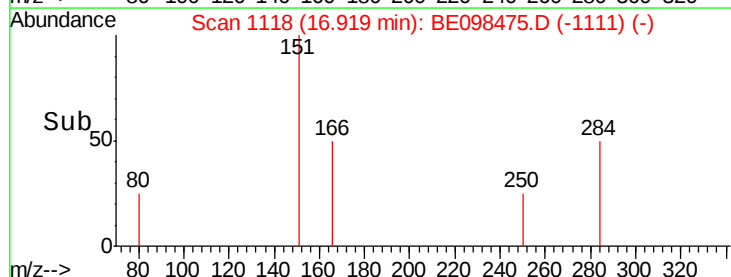
268 95.7 55.1 82.7#

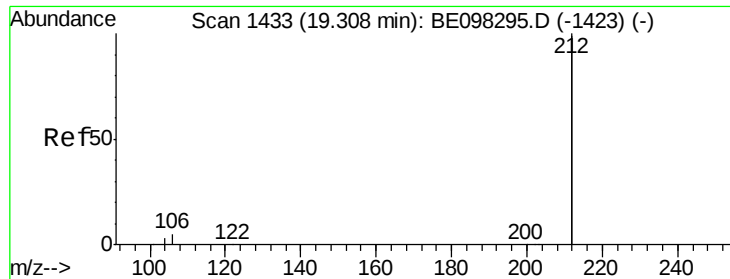


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_E

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TT101D2-20181212

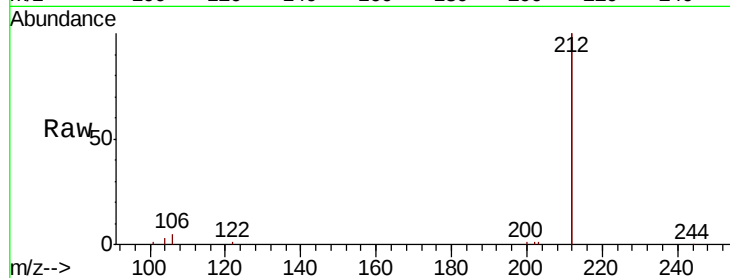
Tgt Ion:212 Resp: 30180

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

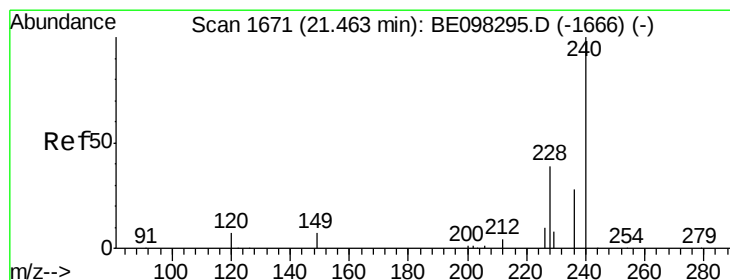
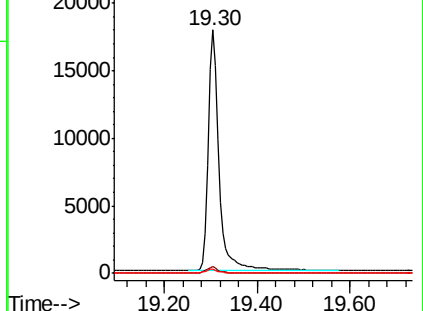
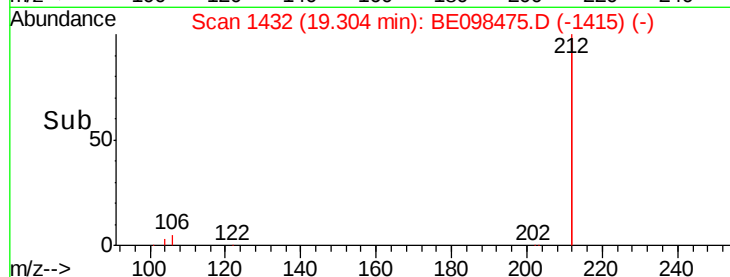
104 1.4 1.3 1.9



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: BE098475.D

Acq: 15 Dec 2018 16:53

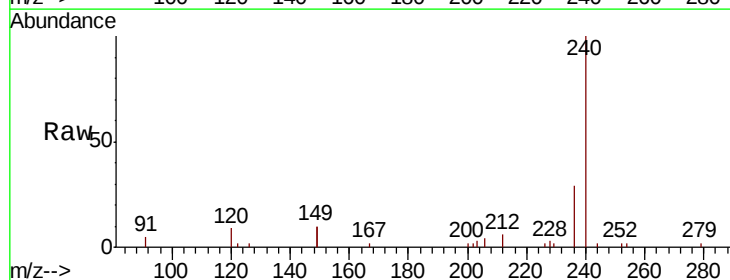
Tgt Ion:240 Resp: 5957

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

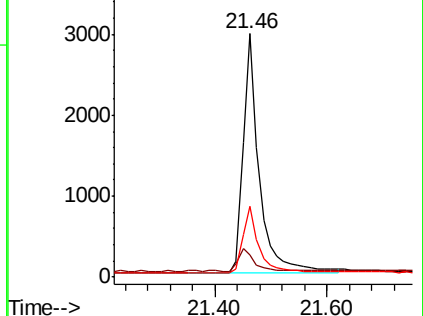
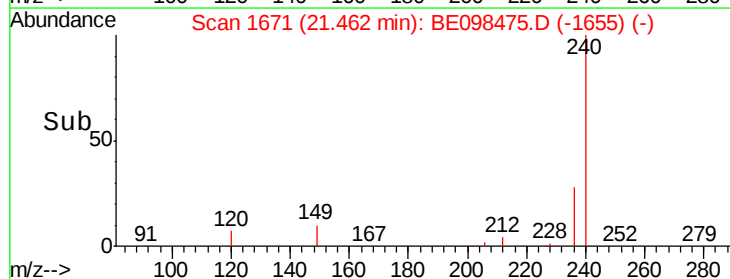
236 29.1 22.7 34.1

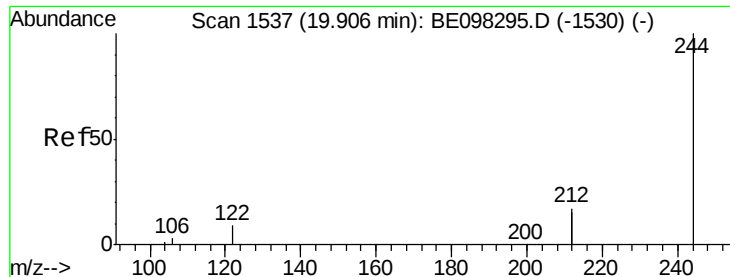


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_E

ClientSampleId :

TT101D2-20181212

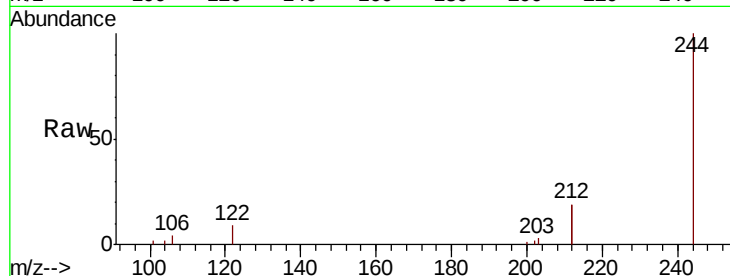
Tgt Ion:244 Resp: 5945

Ion Ratio Lower Upper

244 100

212 38.9 27.4 41.0

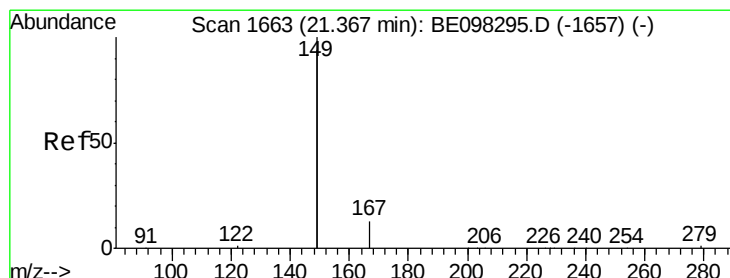
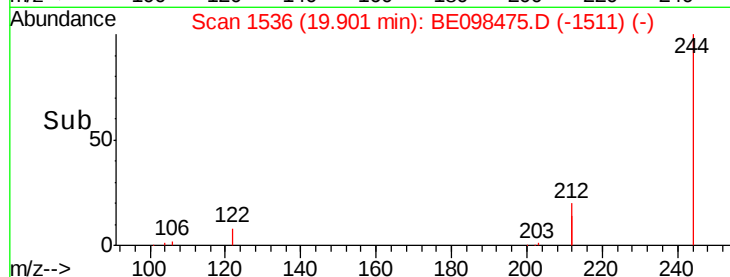
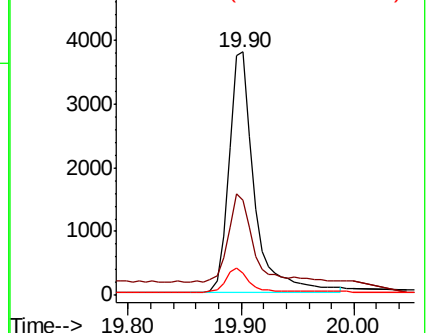
122 9.1 8.3 12.5



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: 0.052 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

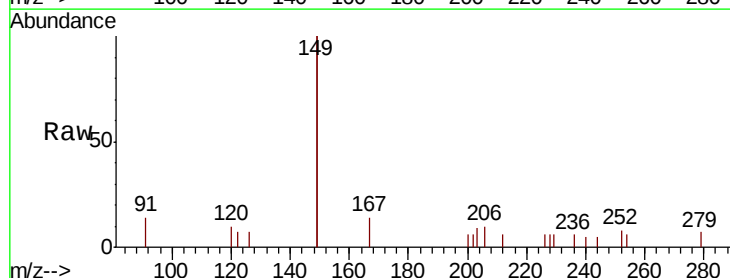
Tgt Ion:149 Resp: 1787

Ion Ratio Lower Upper

149 100

167 5.8 5.7 8.5

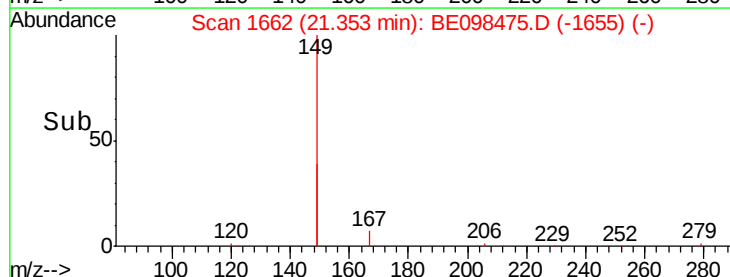
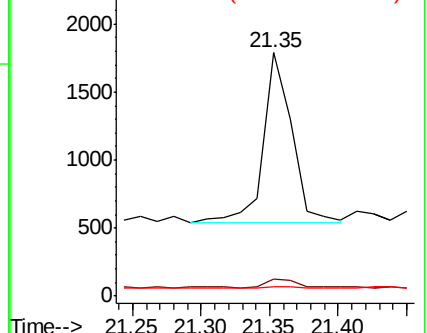
279 1.1 1.0 1.4

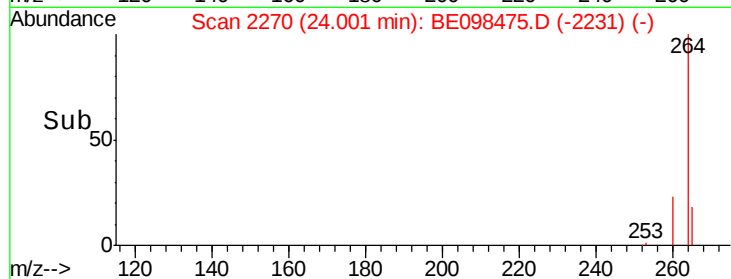
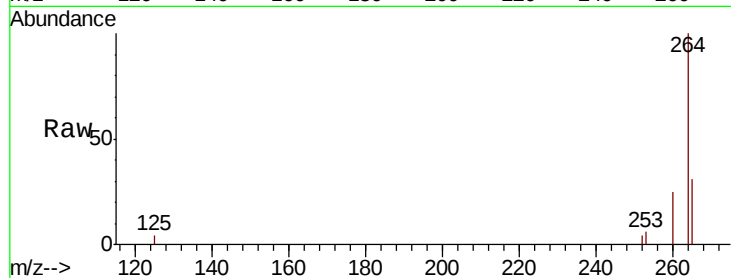
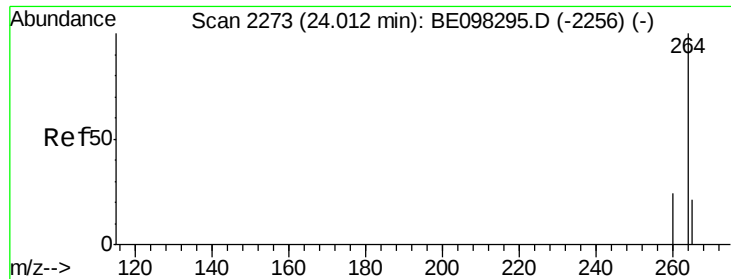


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098475.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_E

ClientSampleId :

TT101D2-20181212

Tgt Ion:264 Resp: 5677

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 30.7 25.2 37.8

