

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\
 Data File : BE098474.D
 Acq On : 15 Dec 2018 16:14
 Operator : SJ/JU
 Sample : J6405-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20181212

Quant Time: Dec 16 02:34:14 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

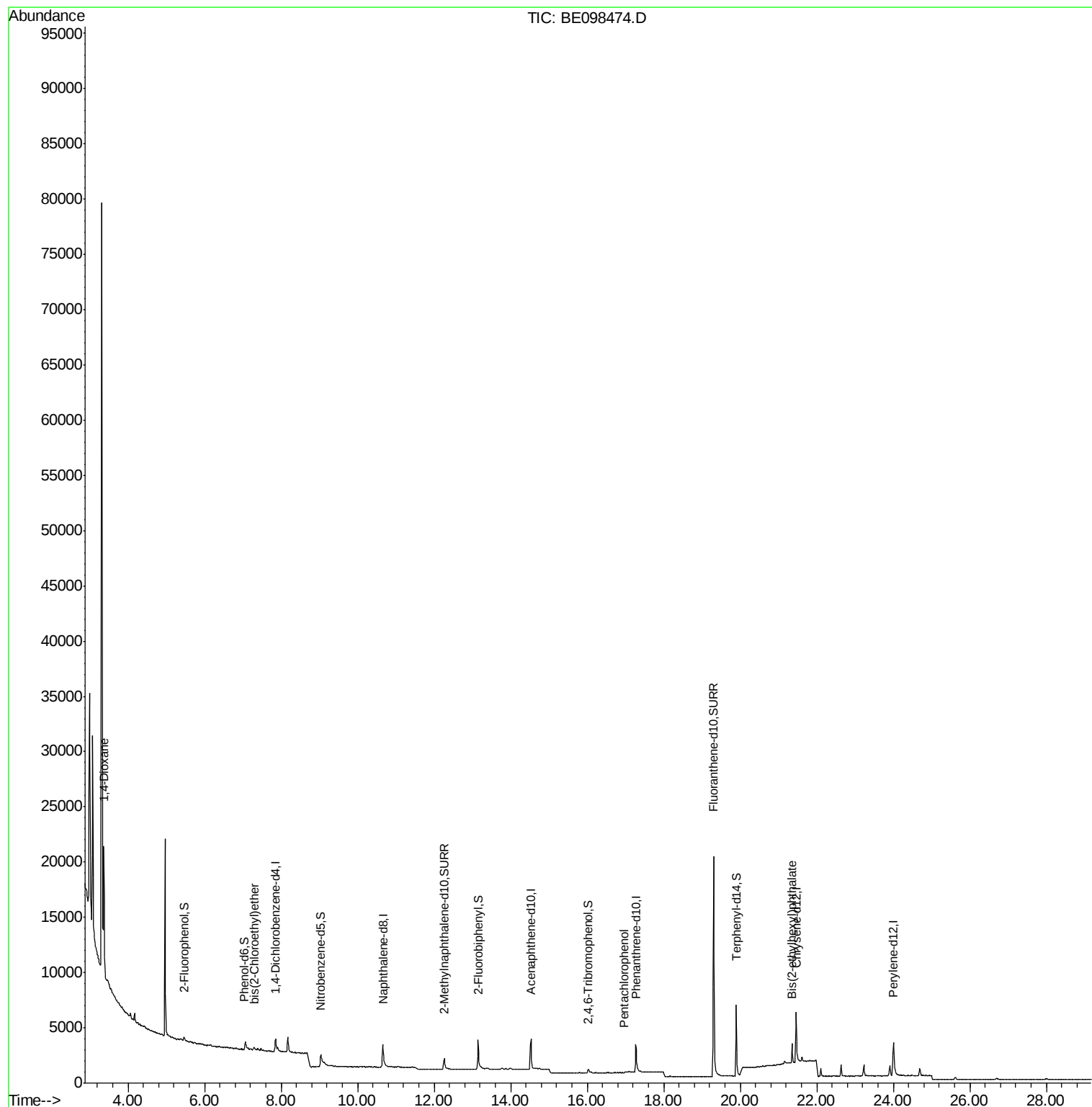
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	779	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3281	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2077	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5301	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6281	0.40	ng	0.00
34) Perylene-d12	24.00	264	5898	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	343	0.19	ng	0.01
5) Phenol-d6	7.05	99	295	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	1109	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2225	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	329	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3957	0.45	ng	0.00
25) Fluoranthene-d10	19.30	212	30697	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	6490	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	5641	4.187	ng	97
6) bis(2-Chloroethyl)ether	7.30	93	192	0.078	ng	82
22) Pentachlorophenol	16.95	266	14	0.046	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.35	149	1973	0.054	ng	# 99

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

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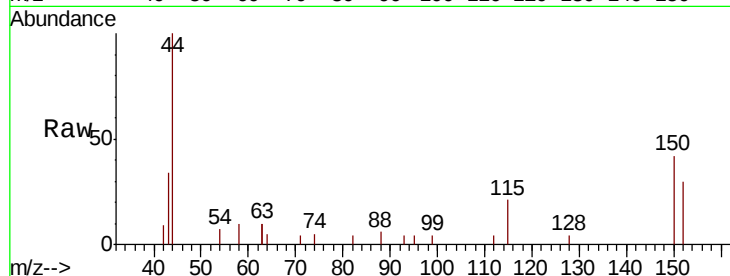


#1

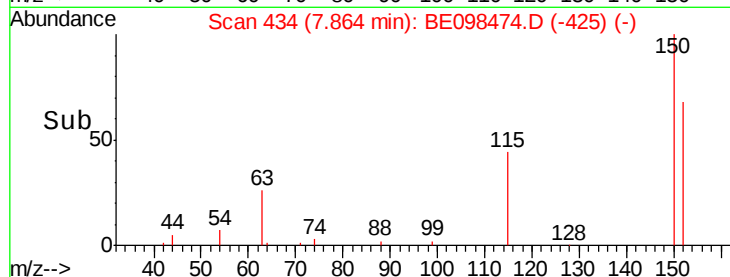
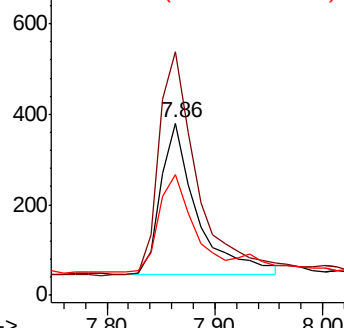
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098474.D
Acq: 15 Dec 2018 16:14

Instrument :
BNA_E
ClientSampleId :
TT101D1-20181212

Tgt Ion:152 Resp: 779
Ion Ratio Lower Upper
152 100
150 141.2 124.2 186.4
115 70.3 53.9 80.9



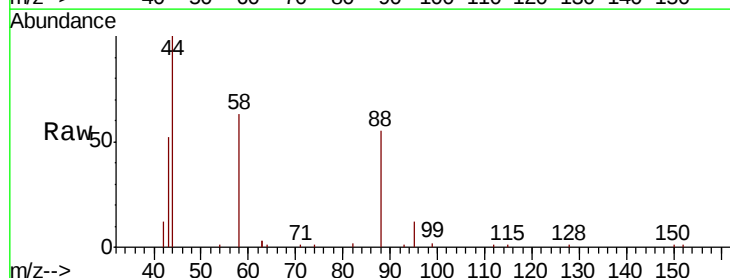
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



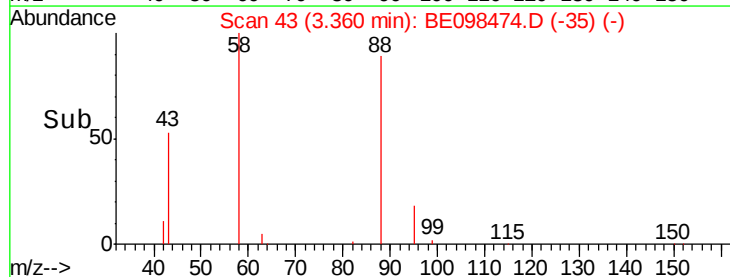
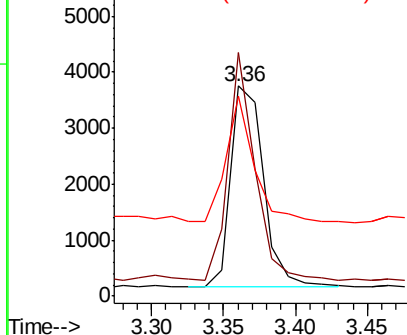
#2

1,4-Dioxane
Concen: 4.187 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098474.D
Acq: 15 Dec 2018 16:14

Tgt Ion: 88 Resp: 5641
Ion Ratio Lower Upper
88 100
58 92.4 75.0 112.6
43 52.8 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





#4

2-Fluorophenol

Concen: 0.188 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098474.D

Acq: 15 Dec 2018 16:14

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212

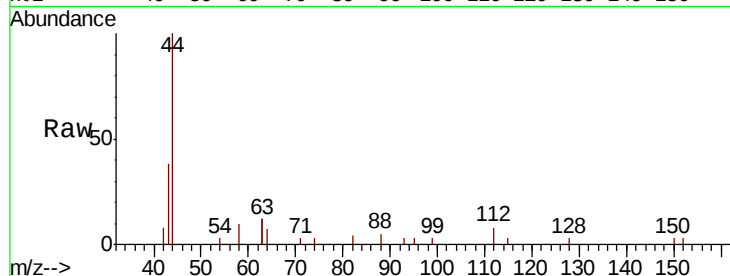
Tgt Ion: 112 Resp: 343

Ion Ratio Lower Upper

112 100

64 67.6 59.8 89.8

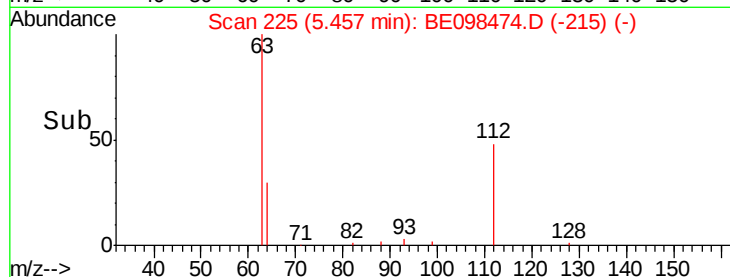
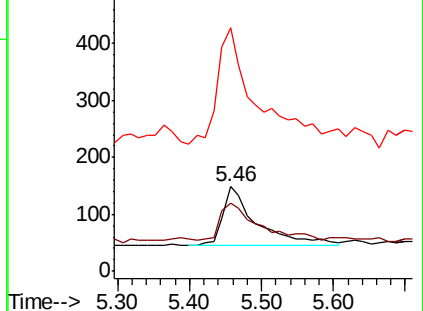
63 222.4 133.7 200.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.114 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098474.D

Acq: 15 Dec 2018 16:14

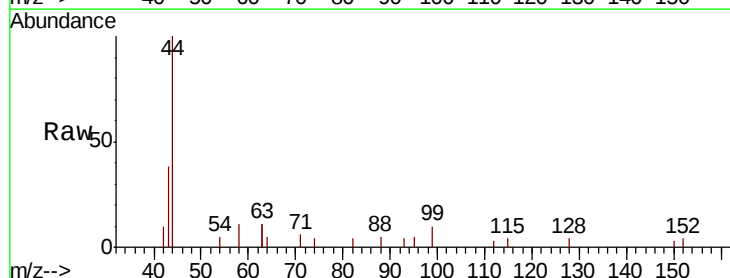
Tgt Ion: 99 Resp: 295

Ion Ratio Lower Upper

99 100

42 52.5 26.3 39.5#

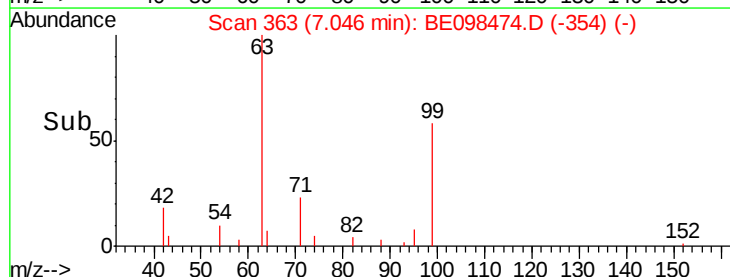
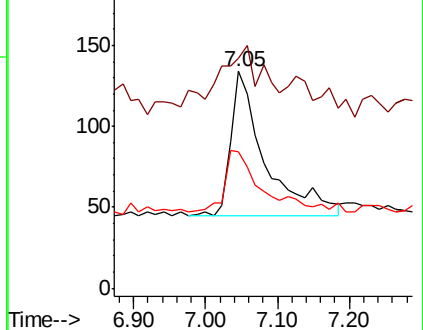
71 0.0 33.6 50.4#

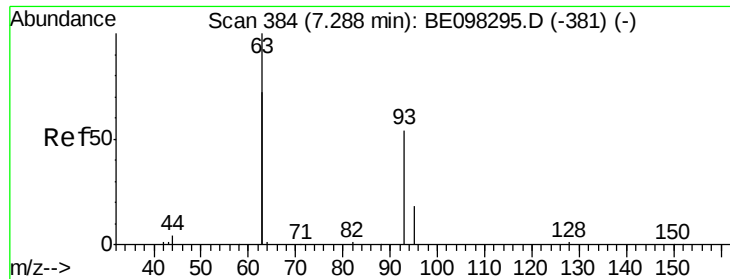


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.078 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098474.D

Acq: 15 Dec 2018 16:14

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212

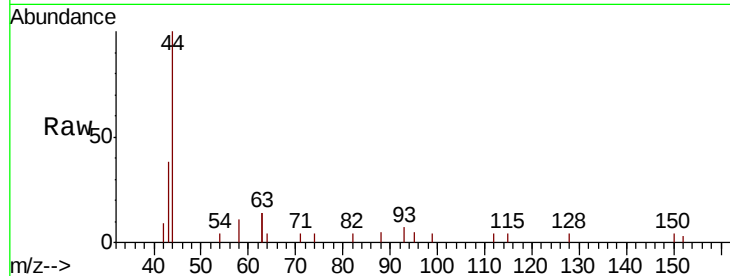
Tgt Ion: 93 Resp: 192

Ion Ratio Lower Upper

93 100

63 288.5 264.4 396.6

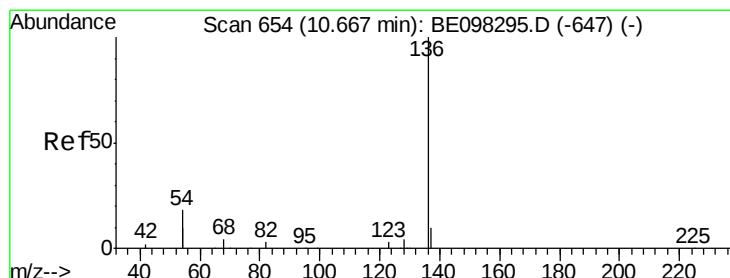
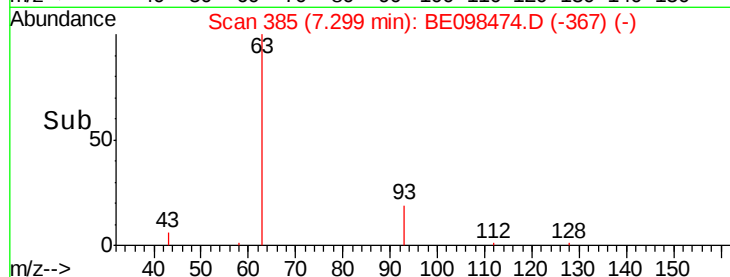
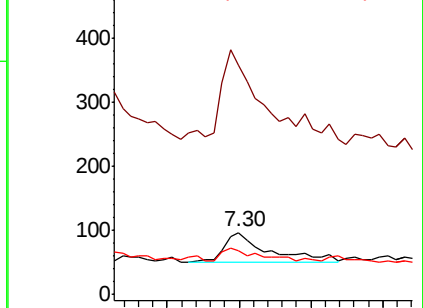
95 34.4 26.6 40.0



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: BE098474.D

Acq: 15 Dec 2018 16:14

Tgt Ion: 136 Resp: 3281

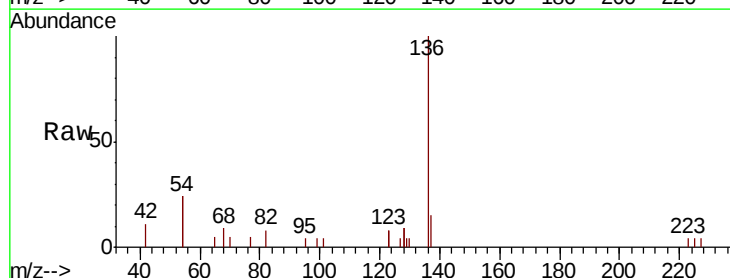
Ion Ratio Lower Upper

136 100

137 15.2 9.2 13.8#

54 48.6 28.4 42.6#

68 8.6 5.4 8.0#

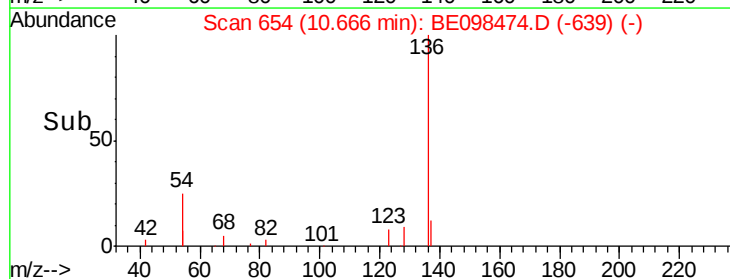
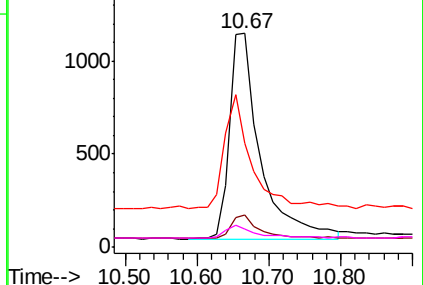


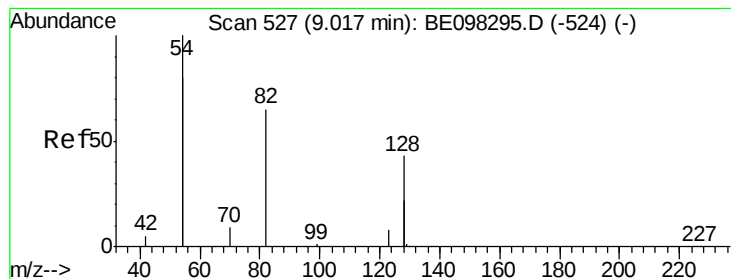
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098474.D

Acq: 15 Dec 2018 16:14

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212

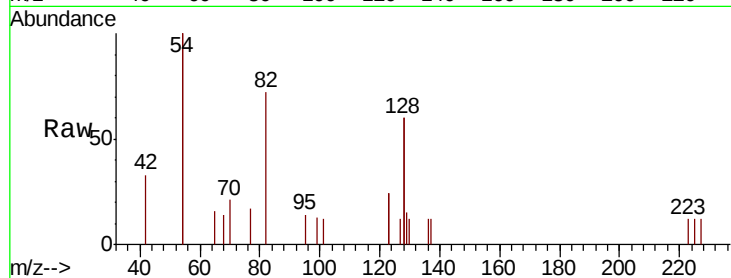
Tgt Ion: 82 Resp: 1109

Ion Ratio Lower Upper

82 100

128 168.3 102.4 153.6#

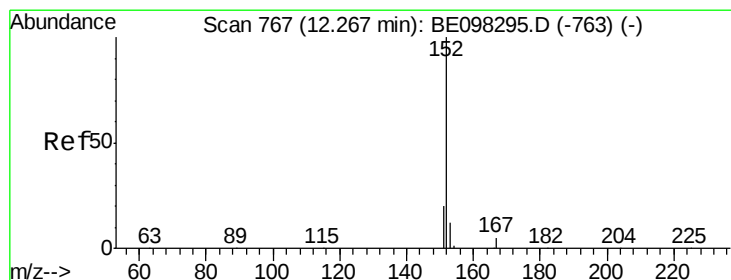
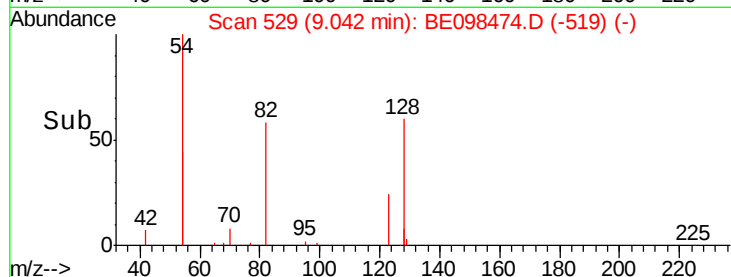
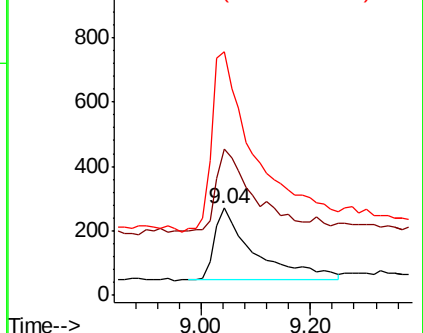
54 279.0 221.8 332.8



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: 0.417 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098474.D

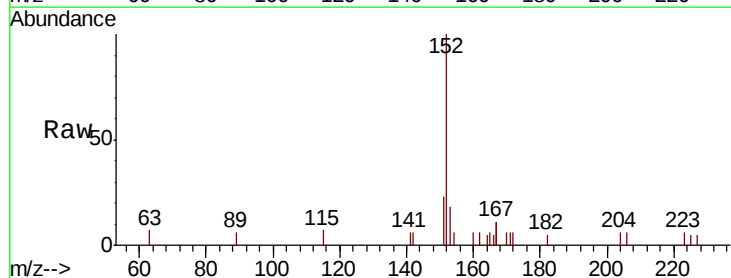
Acq: 15 Dec 2018 16:14

Tgt Ion: 152 Resp: 2225

Ion Ratio Lower Upper

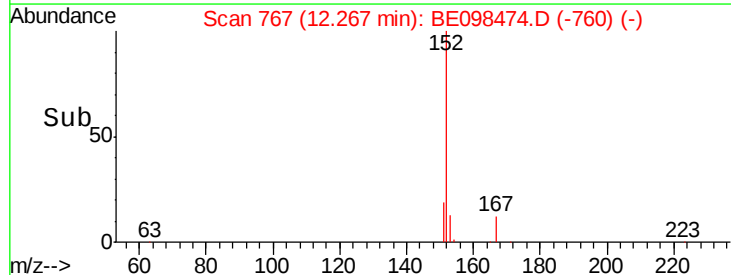
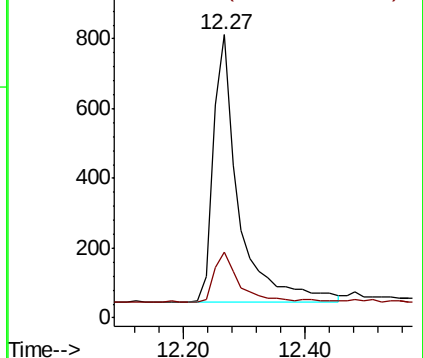
152 100

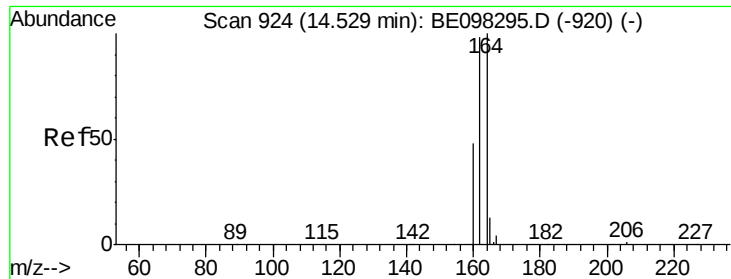
151 17.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

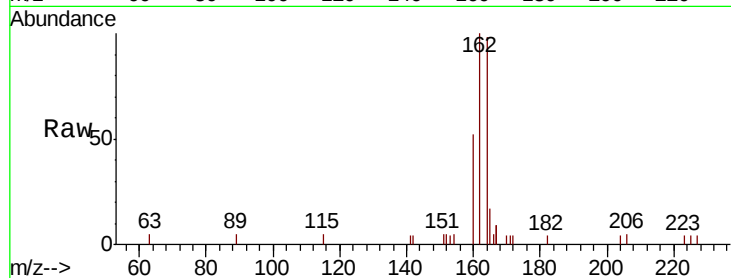




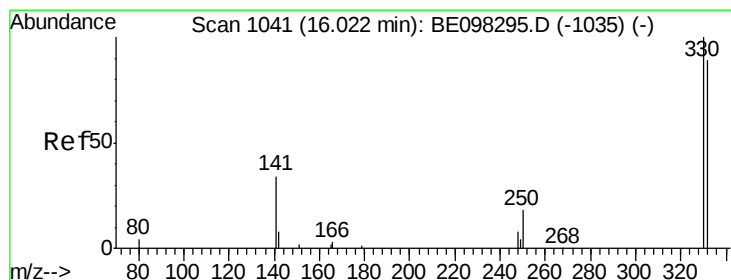
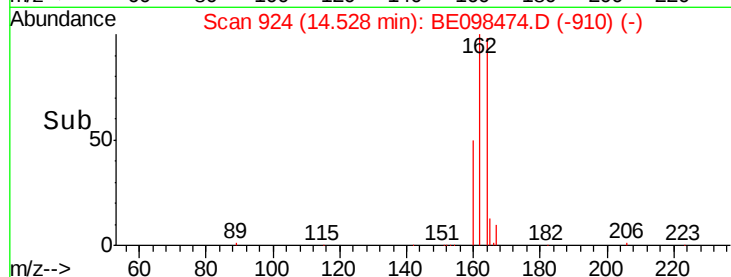
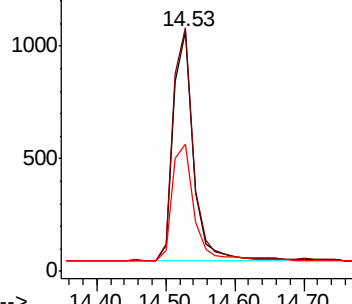
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098474.D
 Acq: 15 Dec 2018 16:14

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20181212

Tgt Ion:164 Resp: 2077
 Ion Ratio Lower Upper
 164 100
 162 101.8 77.6 116.4
 160 53.2 36.0 54.0

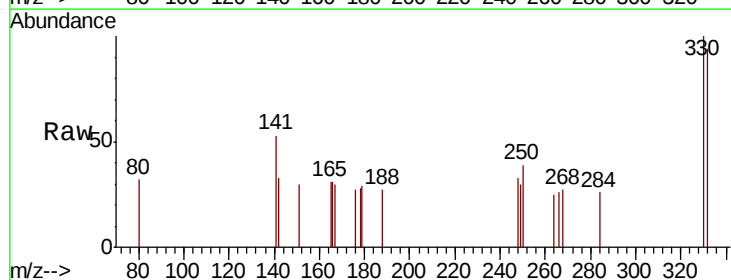


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

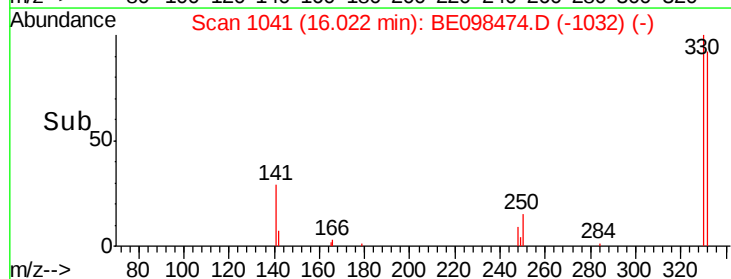
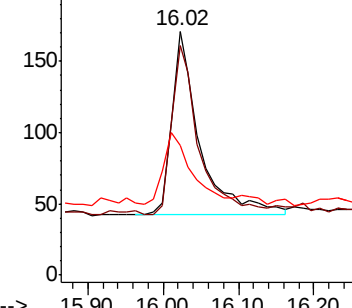


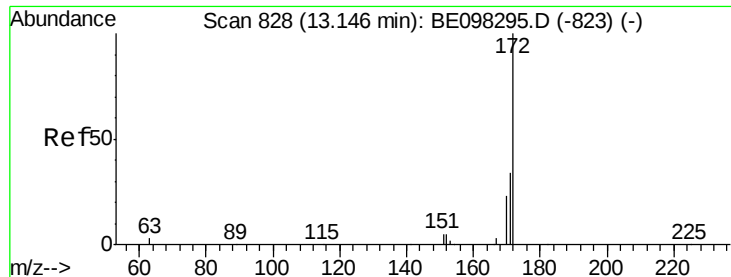
#14
 2,4,6-Tribromophenol
 Concen: 0.431 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098474.D
 Acq: 15 Dec 2018 16:14

Tgt Ion:330 Resp: 329
 Ion Ratio Lower Upper
 330 100
 332 91.5 76.2 114.4
 141 39.8 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

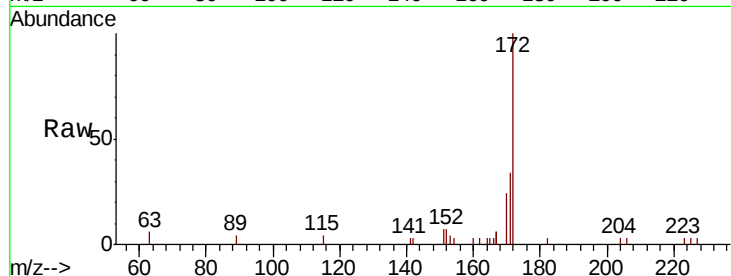




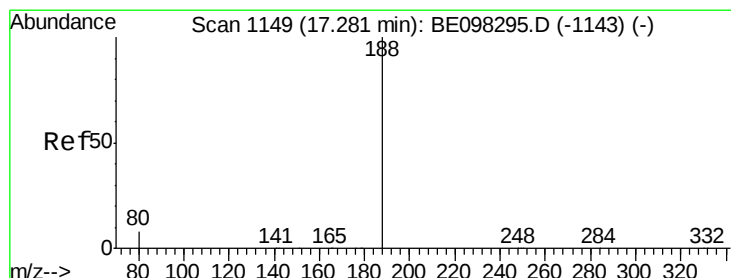
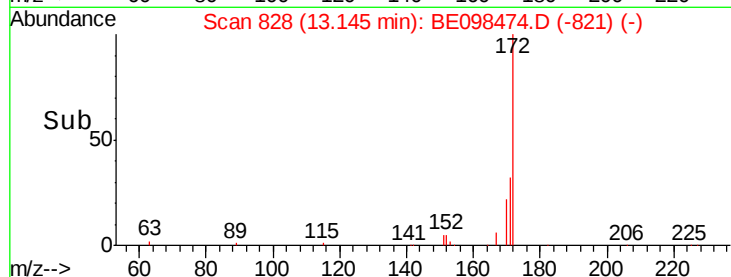
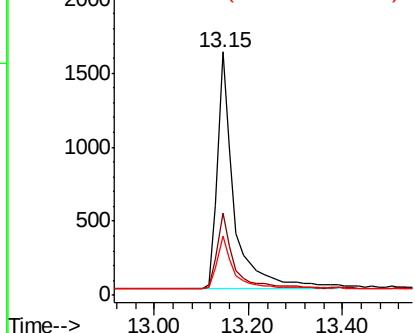
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098474.D
Acq: 15 Dec 2018 16:14

Instrument :
BNA_E
ClientSampleId :
TT101D1-20181212

Tgt Ion:172 Resp: 3957
Ion Ratio Lower Upper
172 100
171 33.6 27.5 41.3
170 24.4 19.6 29.4

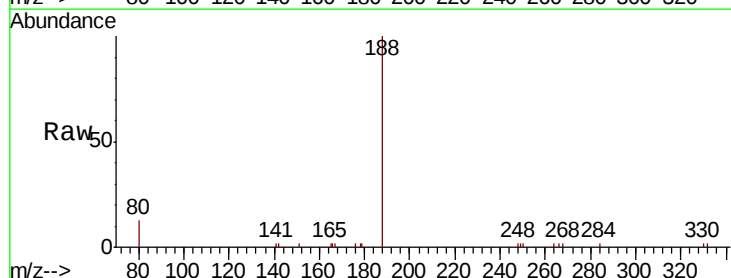


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

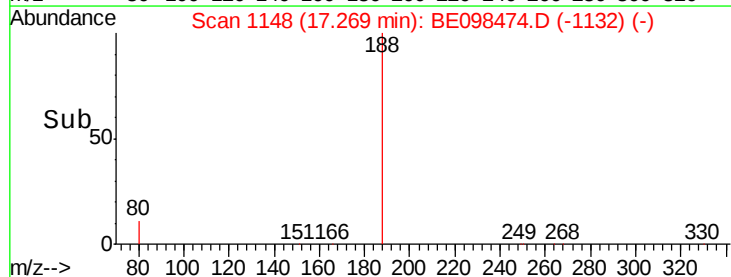
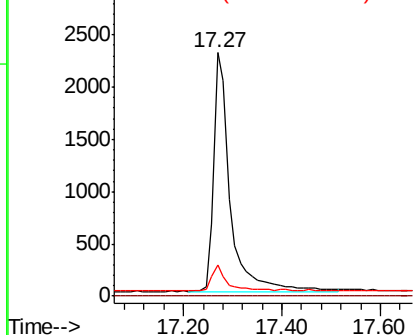


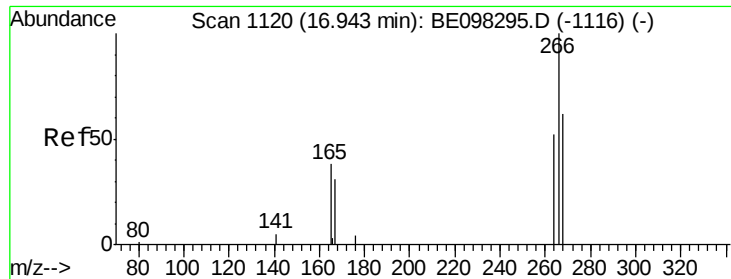
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098474.D
Acq: 15 Dec 2018 16:14

Tgt Ion:188 Resp: 5301
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 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

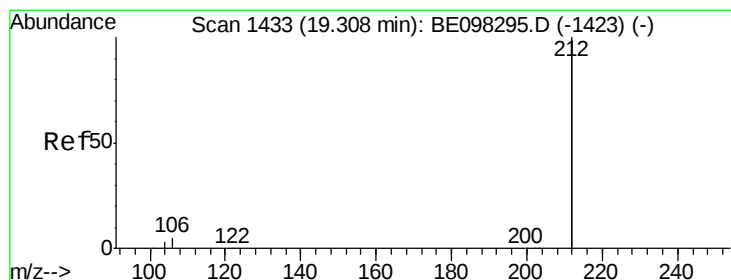
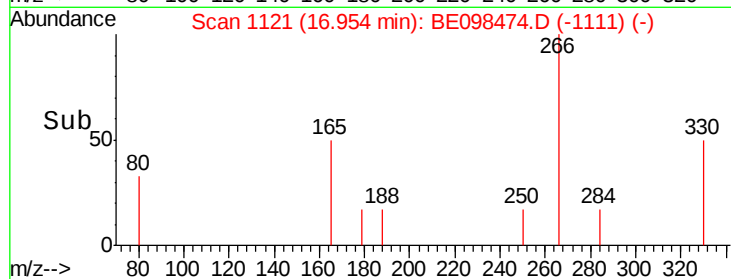
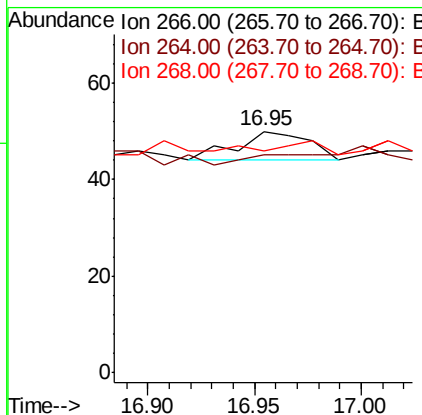
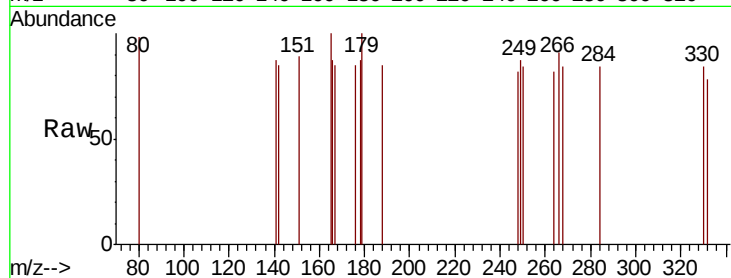




#22
 Pentachlorophenol
 Concen: 0.046 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098474.D
 Acq: 15 Dec 2018 16:14

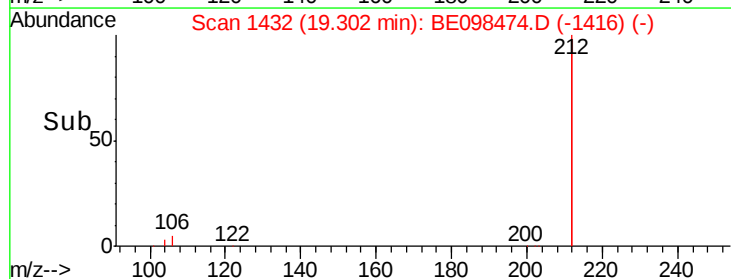
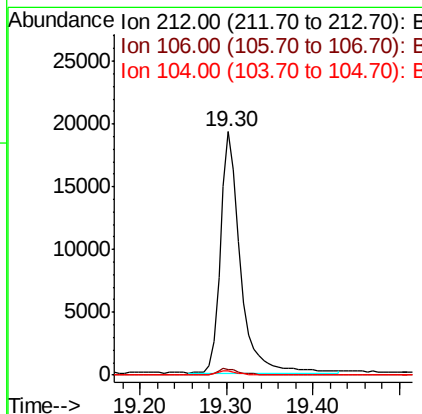
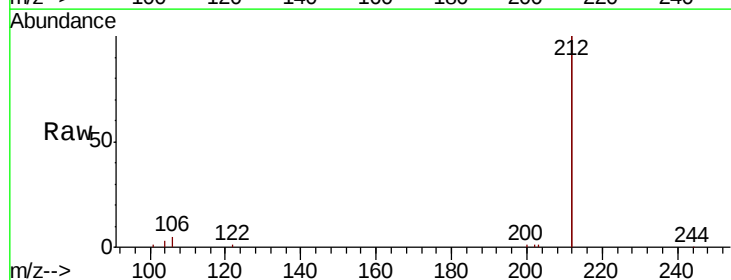
Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20181212

Tgt Ion: 266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 90.0 59.0 88.4#
 268 92.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.451 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098474.D
 Acq: 15 Dec 2018 16:14

Tgt Ion: 212 Resp: 30697
 Ion Ratio Lower Upper
 212 100
 106 2.5 2.2 3.2
 104 1.4 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: BE098474.D

Acq: 15 Dec 2018 16:14

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212

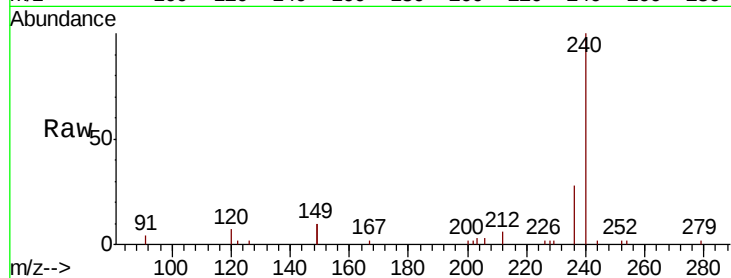
Tgt Ion:240 Resp: 6281

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

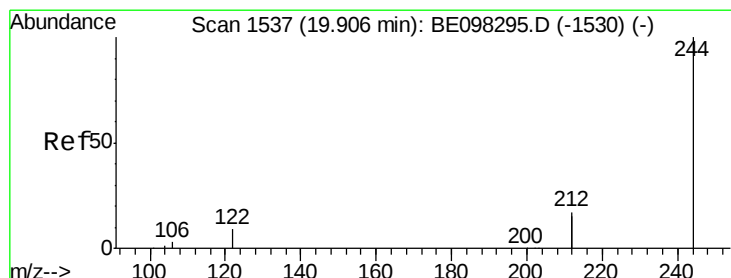
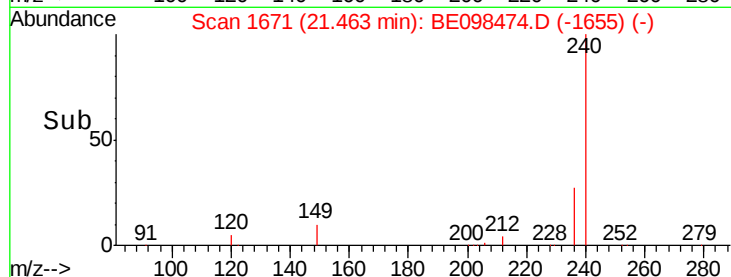
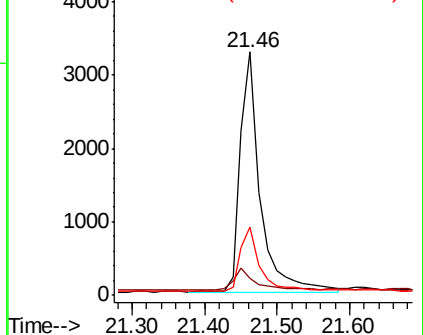
236 28.0 22.7 34.1



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: 0.425 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098474.D

Acq: 15 Dec 2018 16:14

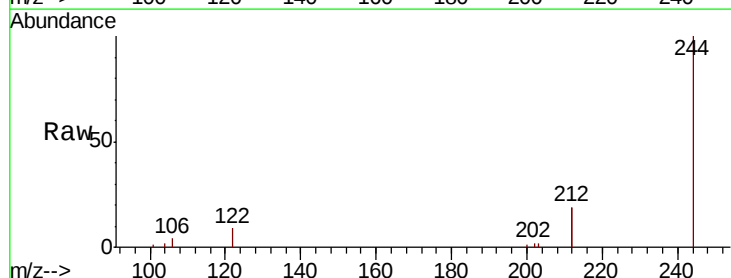
Tgt Ion:244 Resp: 6490

Ion Ratio Lower Upper

244 100

212 38.3 27.4 41.0

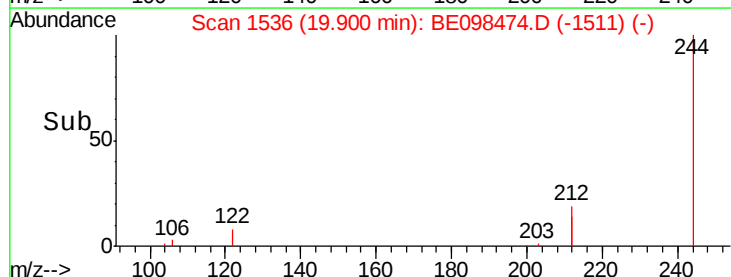
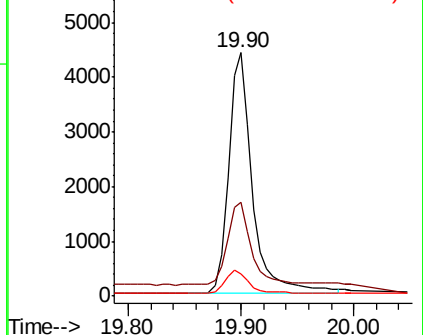
122 9.2 8.3 12.5

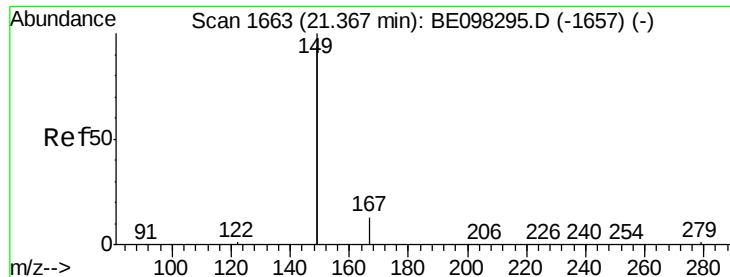


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098474.D

Acq: 15 Dec 2018 16:14

Instrument :

BNA_E

ClientSampleId :

TT101D1-20181212

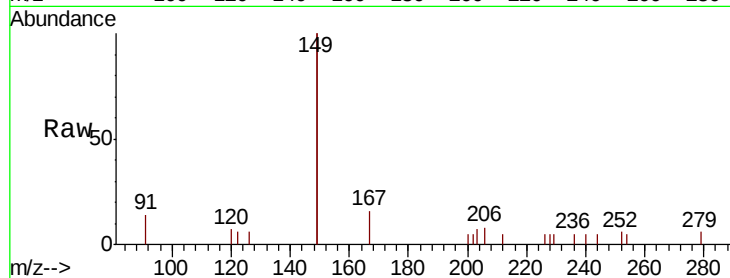
Tgt Ion:149 Resp: 1973

Ion Ratio Lower Upper

149 100

167 7.5 5.7 8.5

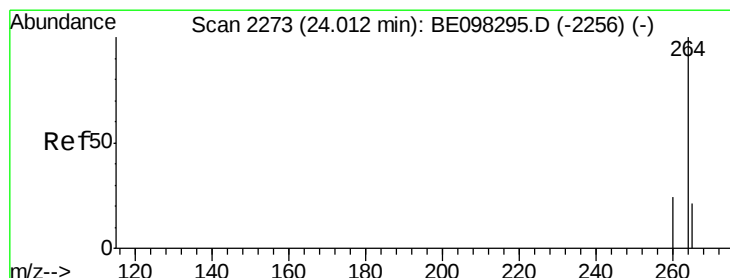
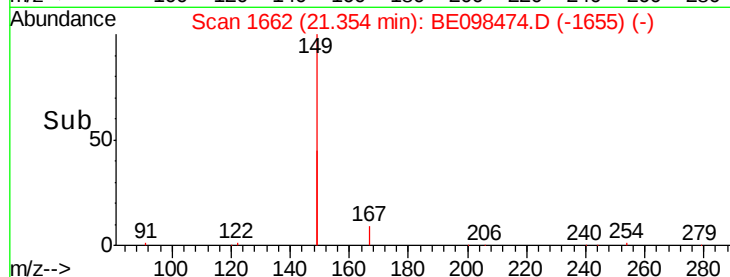
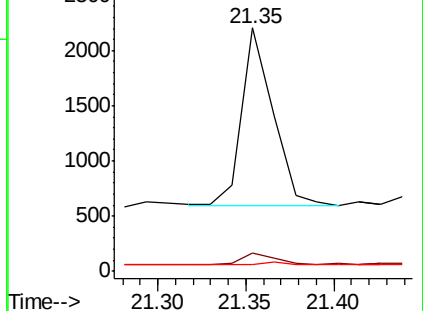
279 1.8 1.0 1.4#



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# 2271

Delta R.T. -0.01 min

Lab File: BE098474.D

Acq: 15 Dec 2018 16:14

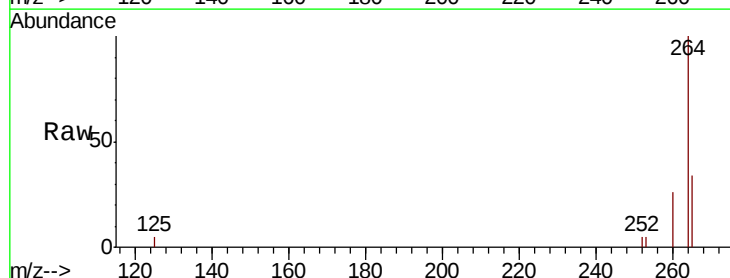
Tgt Ion:264 Resp: 5898

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 33.9 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

