

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098473.D
 Acq On : 15 Dec 2018 15:38
 Operator : SJ/JU
 Sample : J6405-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20181212

Quant Time: Dec 16 02:49:32 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

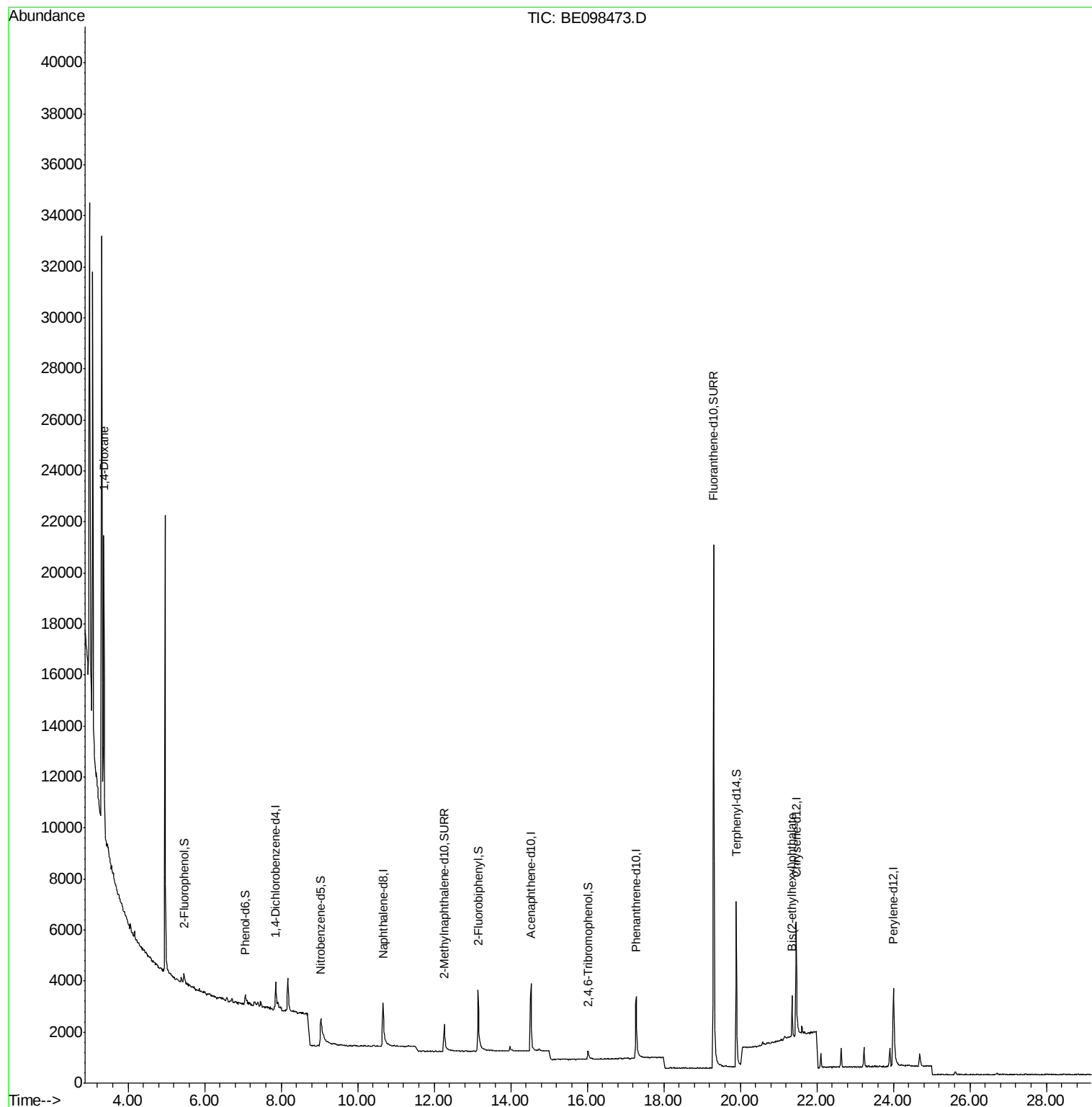
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	755	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3051	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2112	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5384	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6345	0.40	ng	0.00
34) Perylene-d12	24.01	264	6125	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	365	0.21	ng	0.01
5) Phenol-d6	7.05	99	308	0.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	1105	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2239	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	322	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3815	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	33229	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	6671	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	5576	4.270	ng	96
32) Bis(2-ethylhexyl)phthalate	21.35	149	1952	0.053	ng	98

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

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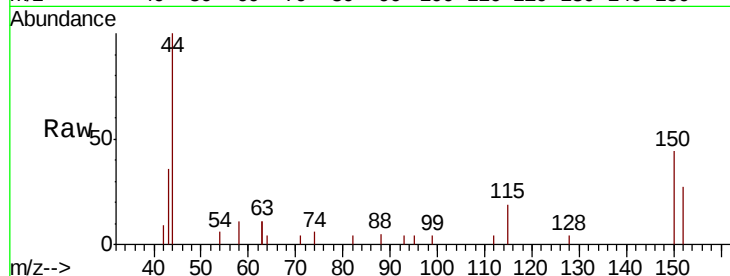


#1

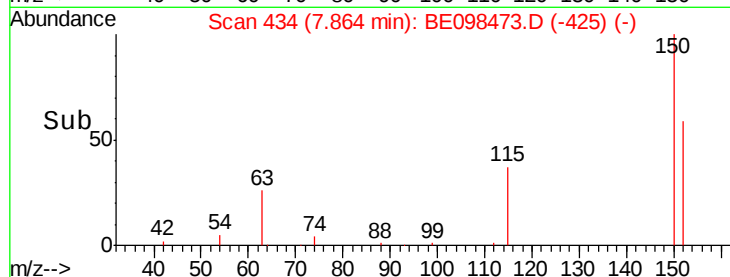
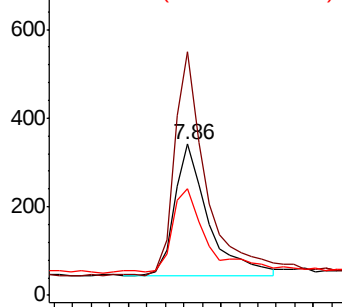
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098473.D
Acq: 15 Dec 2018 15:38

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212

Tot Ion:152 Resp: 755
Ion Ratio Lower Upper
152 100
150 161.0 124.2 186.4
115 70.7 53.9 80.9



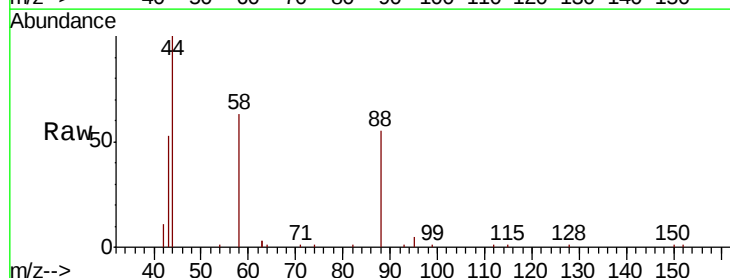
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



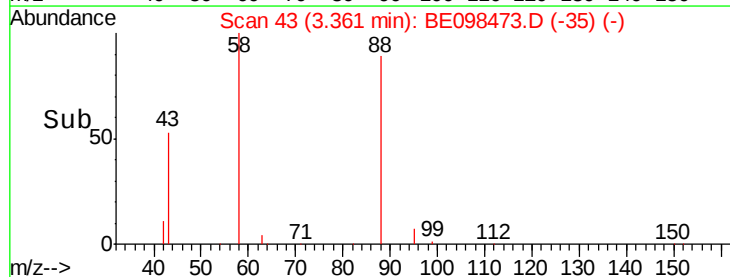
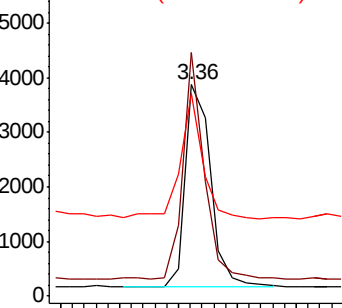
#2

1,4-Dioxane
Concen: 4.270 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098473.D
Acq: 15 Dec 2018 15:38

Tgt Ion: 88 Resp: 5576
Ion Ratio Lower Upper
88 100
58 93.5 75.0 112.6
43 55.4 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





#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212

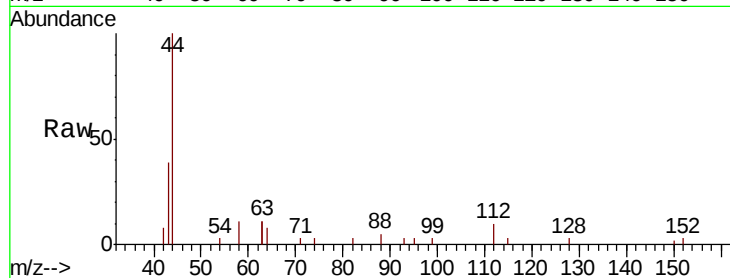
Tot Ion: 112 Resp: 365

Ion Ratio Lower Upper

112 100

64 83.6 59.8 89.8

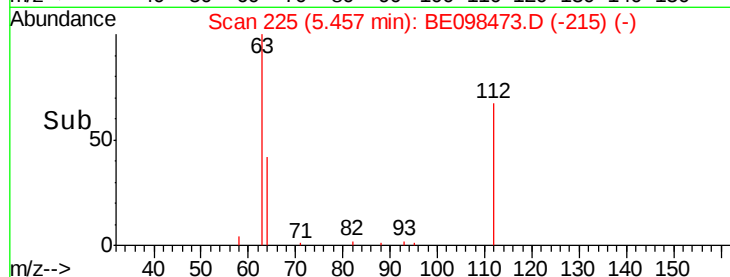
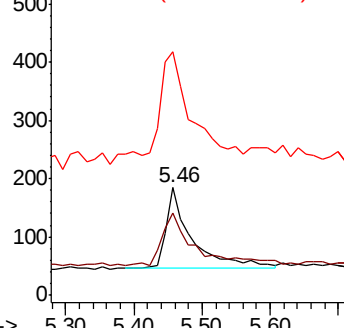
63 193.4 133.7 200.5



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: 0.123 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

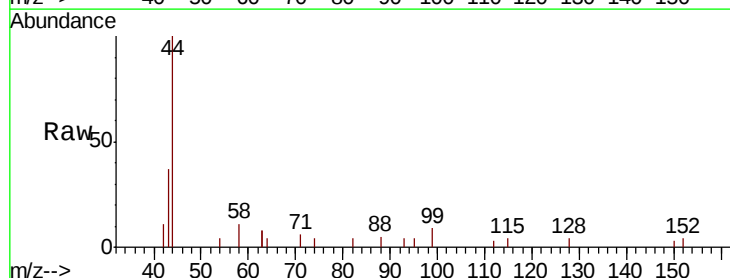
Tgt Ion: 99 Resp: 308

Ion Ratio Lower Upper

99 100

42 46.1 26.3 39.5#

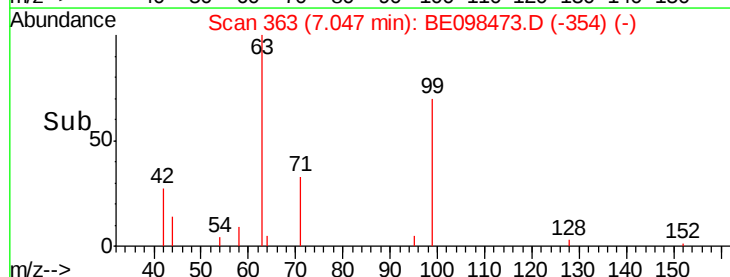
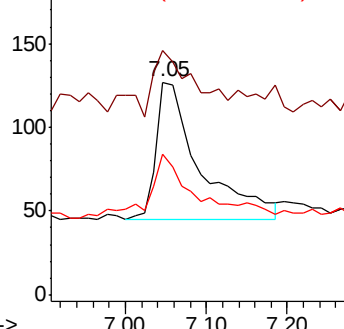
71 44.2 33.6 50.4



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: BE098473.D

Acq: 15 Dec 2018 15:38

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212

Tot Ion:136 Resp: 3051

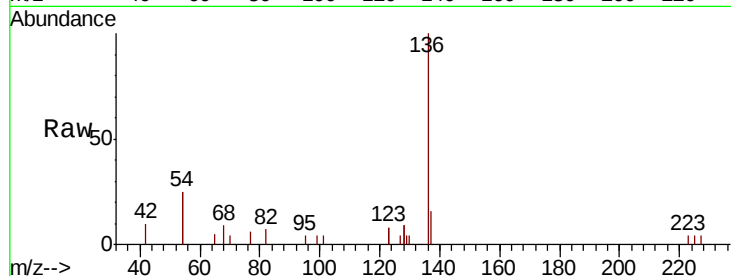
Ion Ratio Lower Upper

136 100

137 16.3 9.2 13.8#

54 50.3 28.4 42.6#

68 9.2 5.4 8.0#

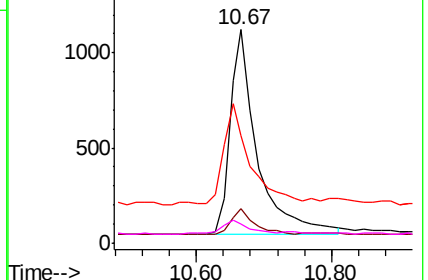
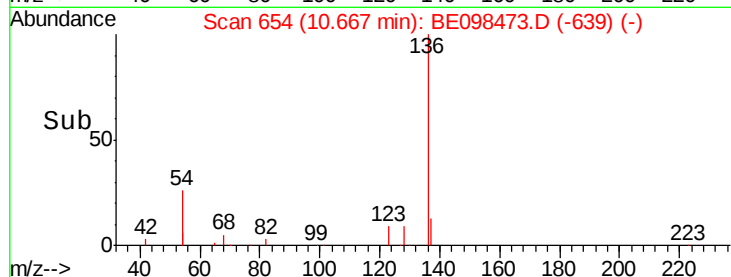


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

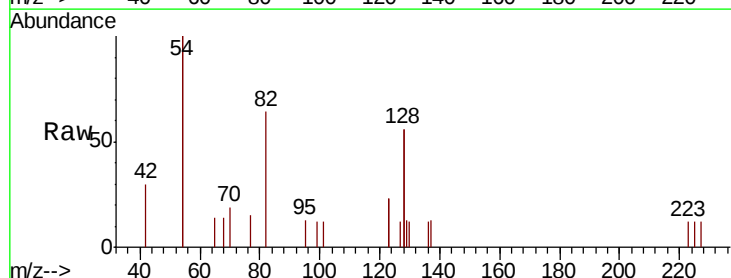
Tgt Ion: 82 Resp: 1105

Ion Ratio Lower Upper

82 100

128 174.4 102.4 153.6#

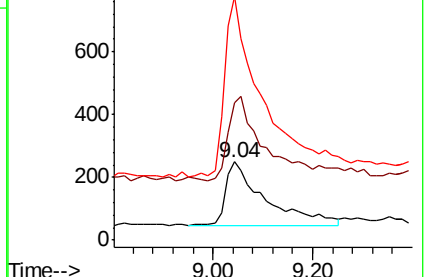
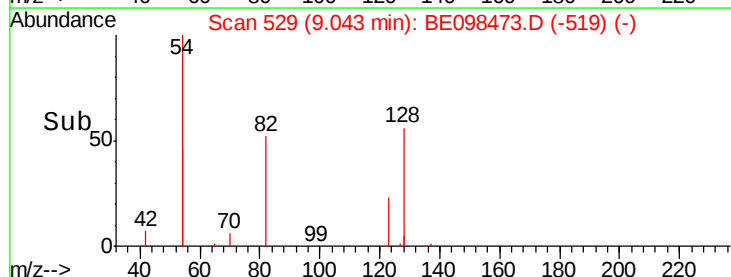
54 310.4 221.8 332.8



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: 0.451 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

Instrument :

BNA_E

ClientSampleId :

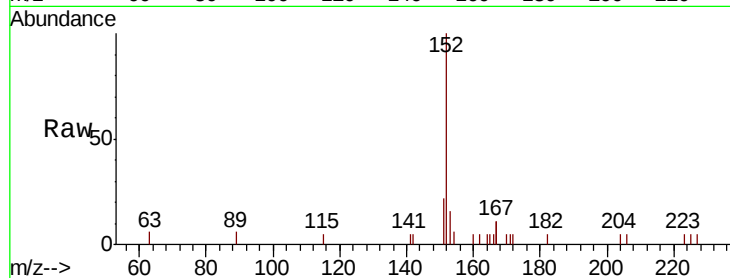
TT101D-20181212

Tot Ion:152 Resp: 2239

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1000

800

600

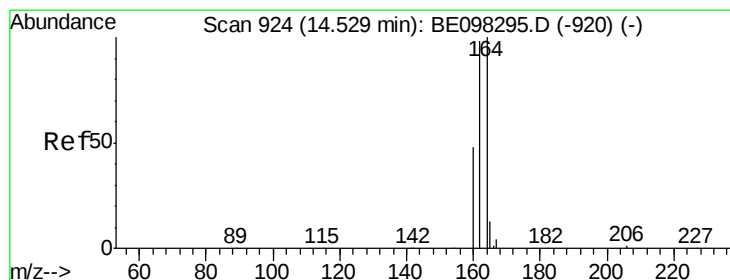
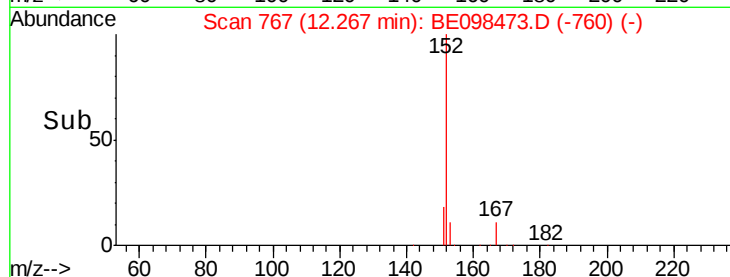
400

200

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

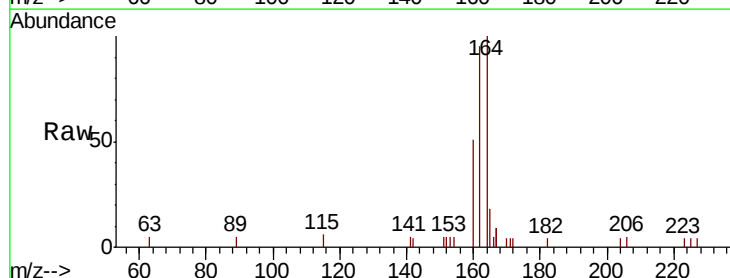
Tgt Ion:164 Resp: 2112

Ion Ratio Lower Upper

164 100

162 95.4 77.6 116.4

160 51.2 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

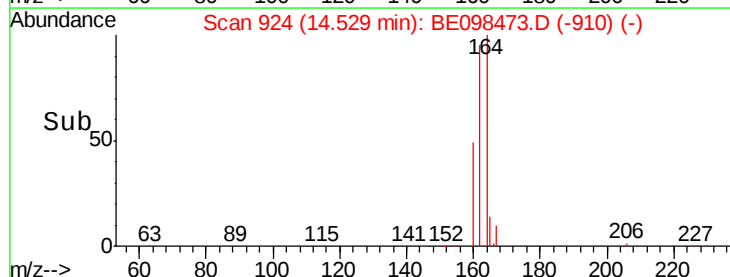
1000

500

0

14.40 14.50 14.60

Time-->

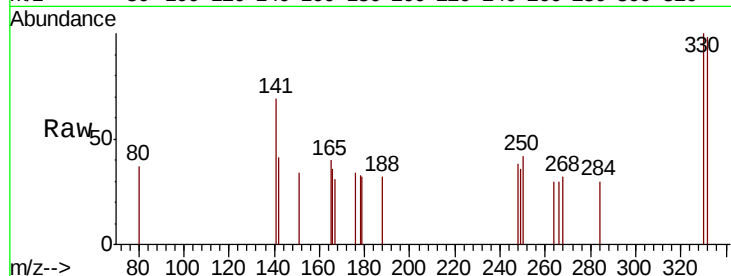




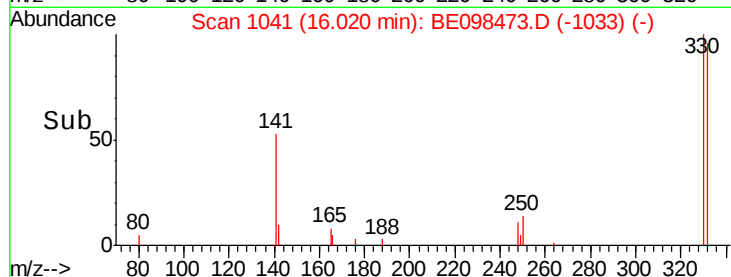
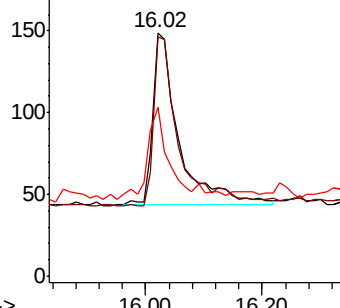
#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098473.D
Acq: 15 Dec 2018 15:38

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212

Tot Ion:330 Resp: 322
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 47.5 39.0 58.4

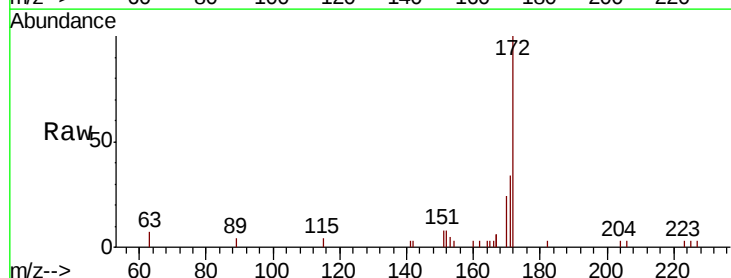


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

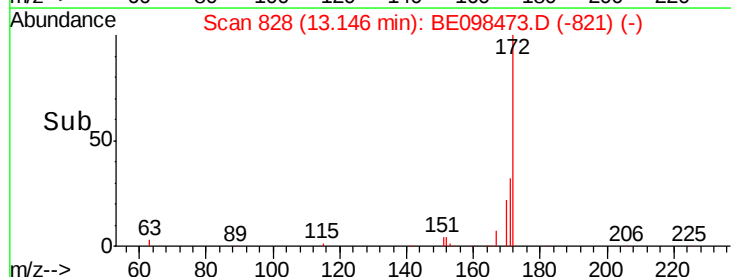
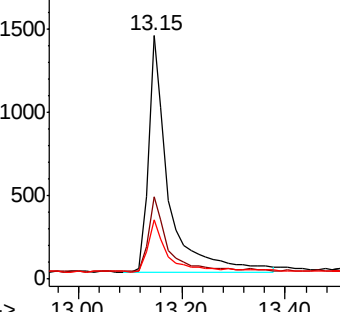


#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098473.D
Acq: 15 Dec 2018 15:38

Tgt Ion:172 Resp: 3815
Ion Ratio Lower Upper
172 100
171 34.0 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212

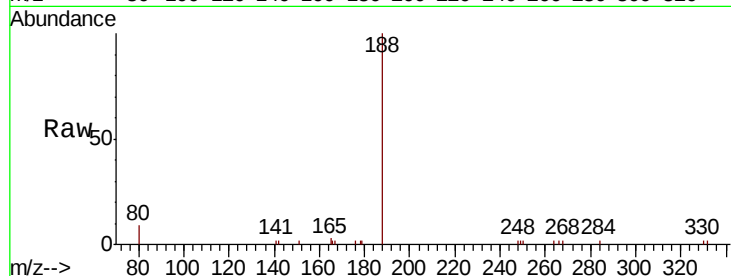
Tot Ion:188 Resp: 5384

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

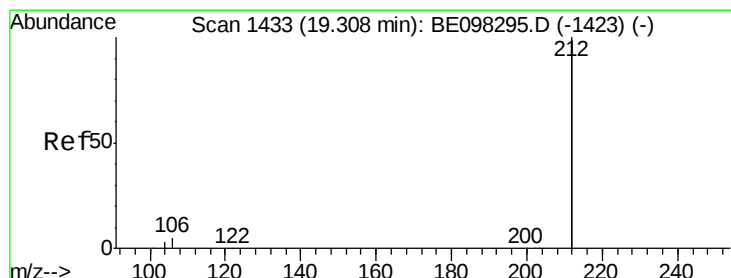
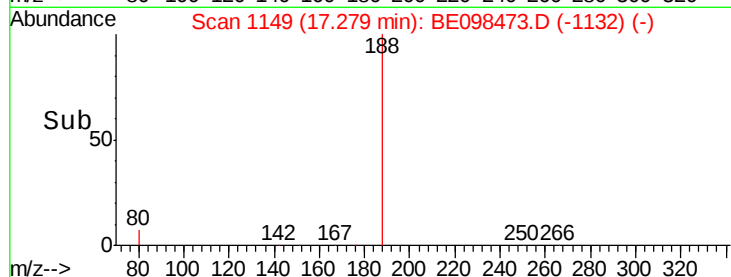
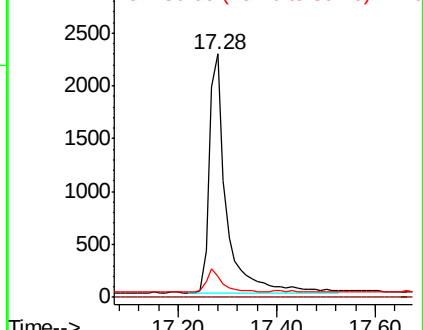
80 8.8 7.2 10.8



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



#25

Fluoranthene-d10

Concen: 0.481 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

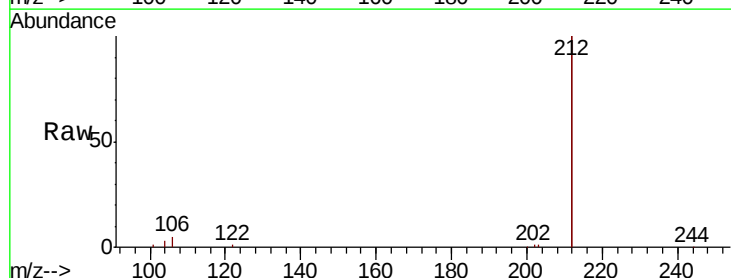
Tgt Ion:212 Resp: 33229

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

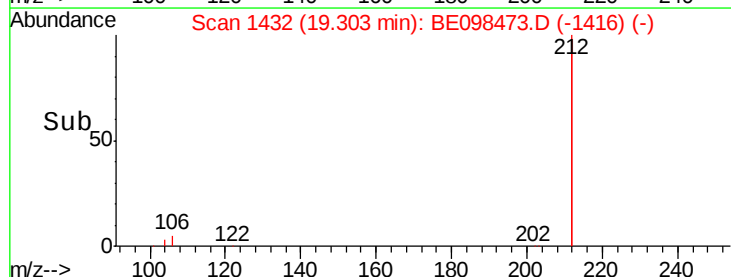
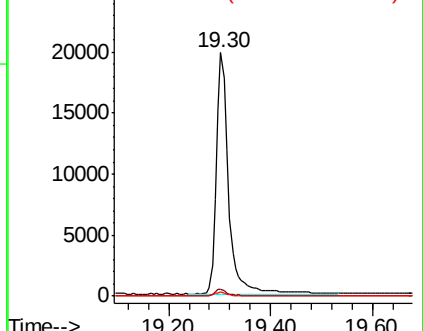
104 1.3 1.3 1.9

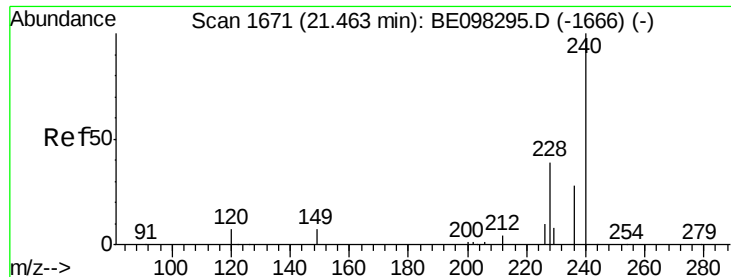


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098473.D

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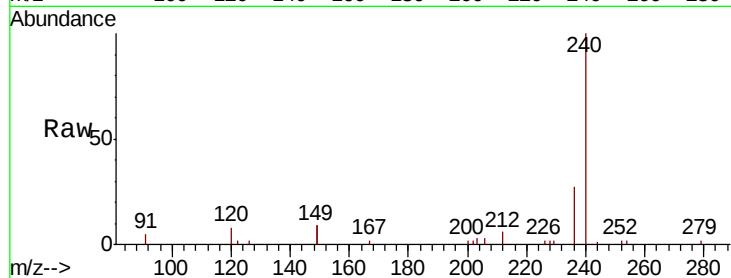
Tot Ion:240 Resp: 6345

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

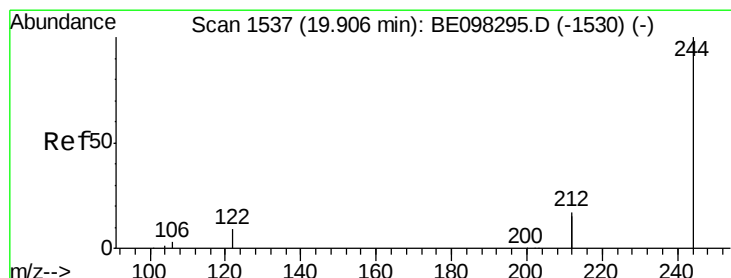
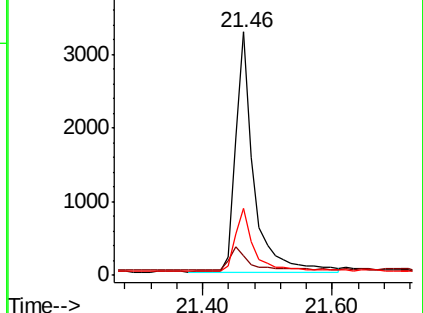
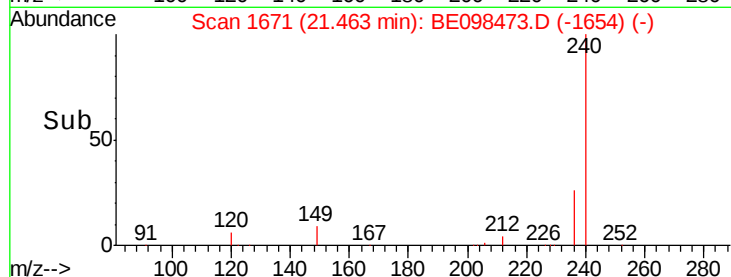
236 27.5 22.7 34.1



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: 0.433 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

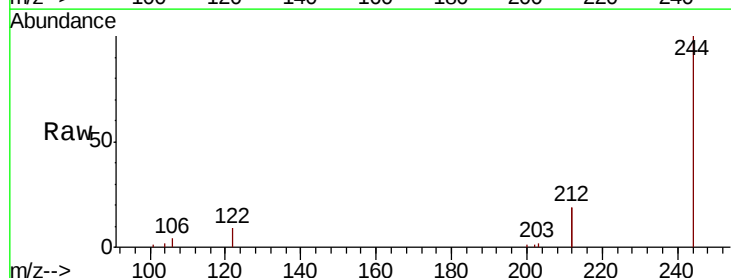
Tgt Ion:244 Resp: 6671

Ion Ratio Lower Upper

244 100

212 37.4 27.4 41.0

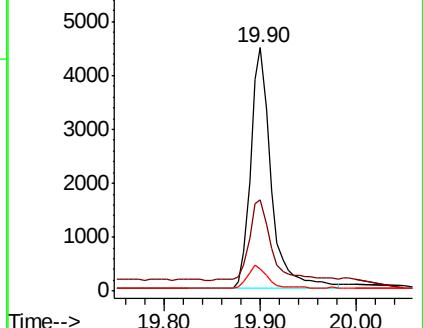
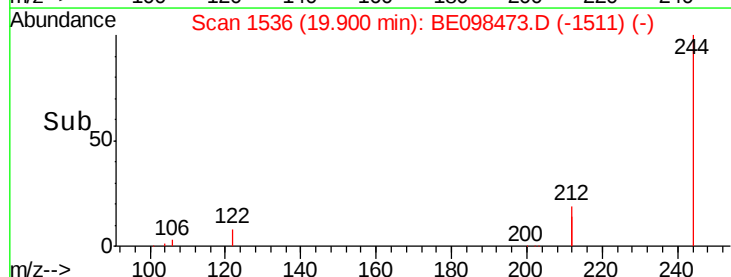
122 9.0 8.3 12.5

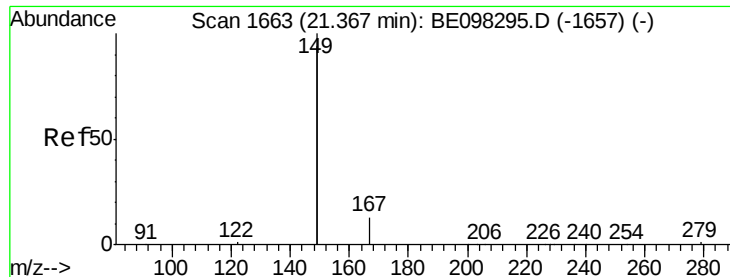


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

Instrument :

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ClientSampleId :

TT101D-20181212

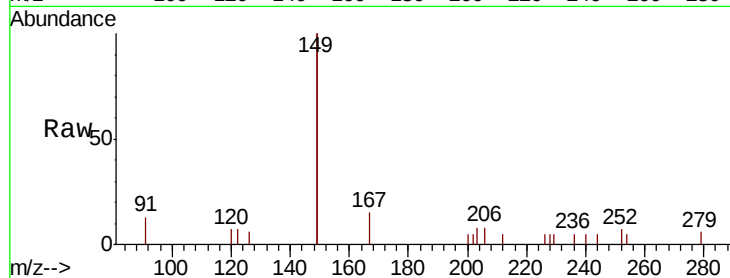
Tot Ion:149 Resp: 1952

Ion Ratio Lower Upper

149 100

167 7.7 5.7 8.5

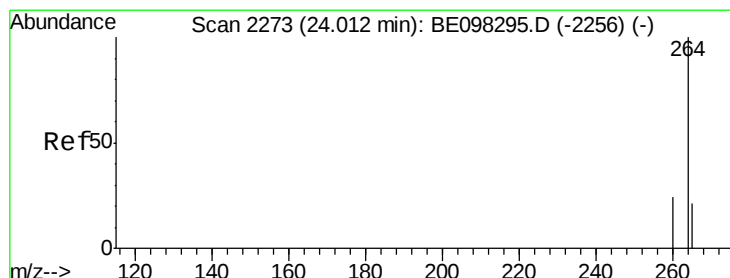
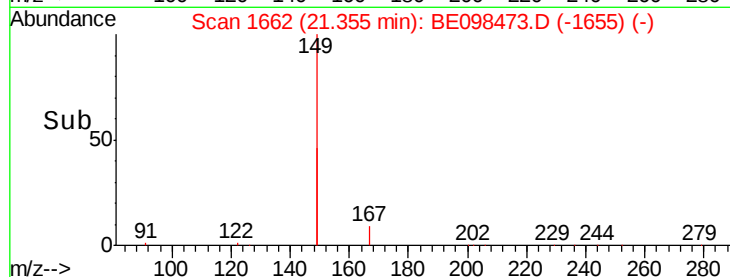
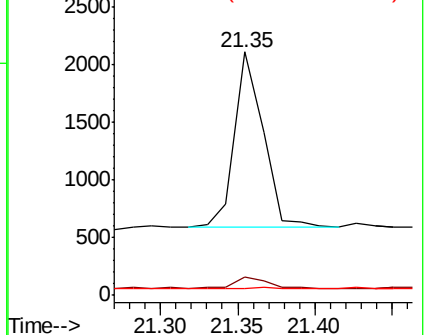
279 1.4 1.0 1.4



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# 2271

Delta R.T. -0.01 min

Lab File: BE098473.D

Acq: 15 Dec 2018 15:38

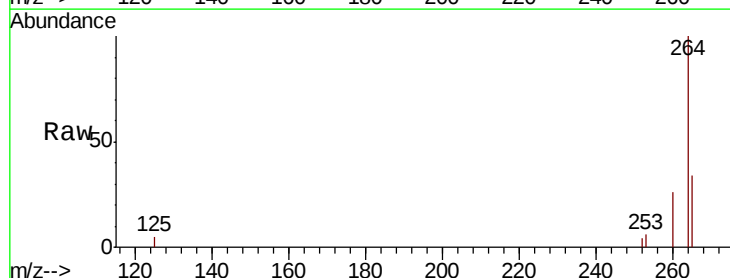
Tgt Ion:264 Resp: 6125

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 33.5 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

