

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098869.D
 Acq On : 11 Mar 2019 19:31
 Operator : JU/SJ
 Sample : K1839-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20190307

Quant Time: Mar 12 07:30:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

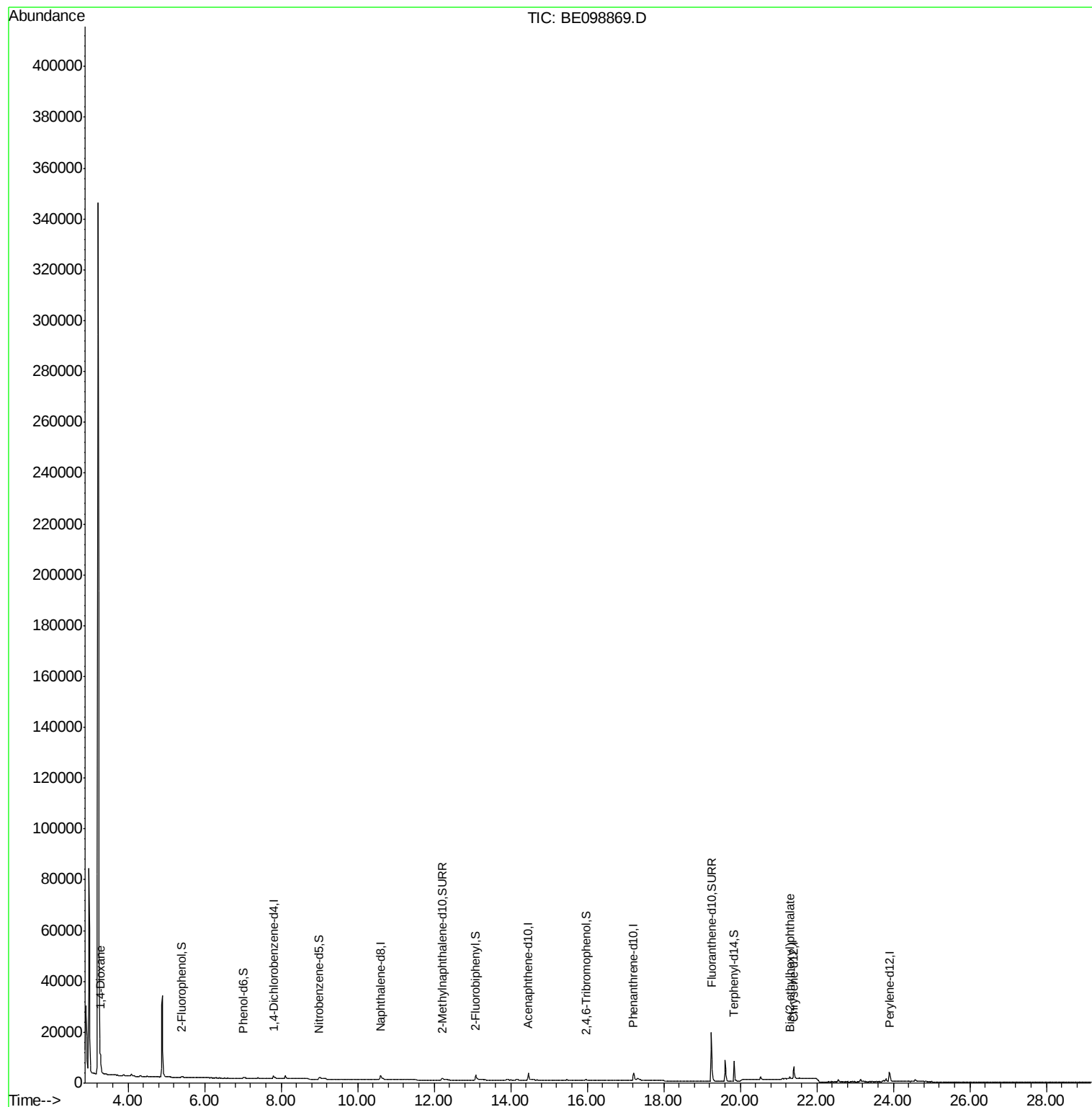
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	719	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3017	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2257	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5491	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6974	0.40	ng	0.00
34) Perylene-d12	23.90	264	6733	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	344	0.16	ng	0.01
5) Phenol-d6	7.01	99	274	0.09	ng	0.03
8) Nitrobenzene-d5	8.99	82	1119	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2196	0.39	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	324	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3657	0.39	ng	0.00
25) Fluoranthene-d10	19.25	212	33066	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	8041	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	3058	2.658	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.29	149	1079	0.023	ng	# 97

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

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QLast Update : Wed Mar 06 15:33:24 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

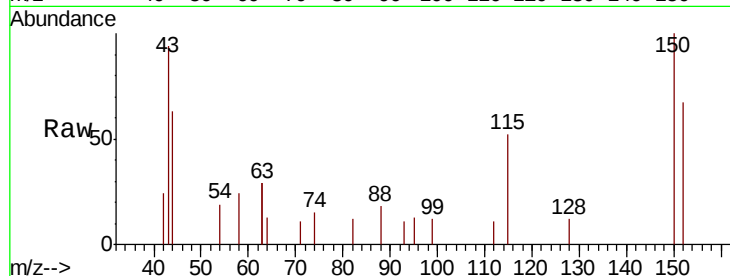
Tot Ion:152 Resp: 719

Ion Ratio Lower Upper

152 100

150 148.8 122.5 183.7

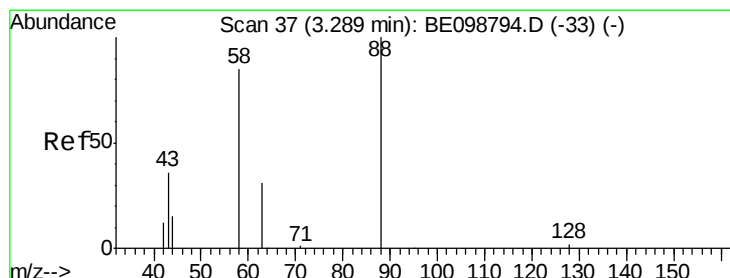
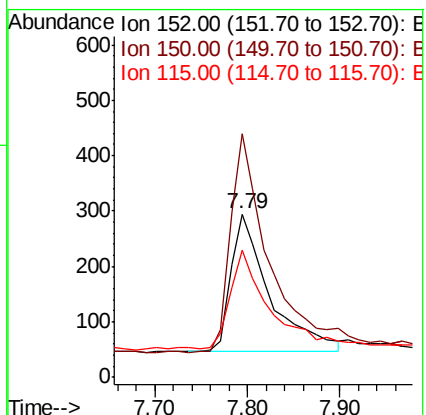
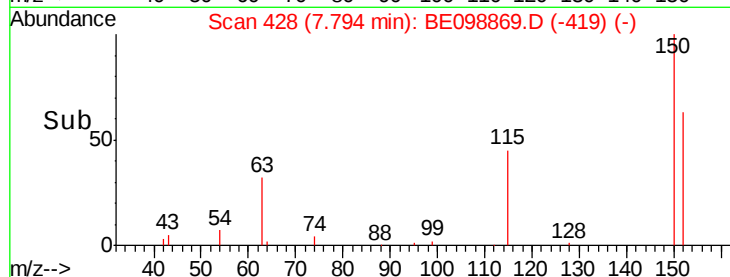
115 77.6 57.4 86.2



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: 2.658 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

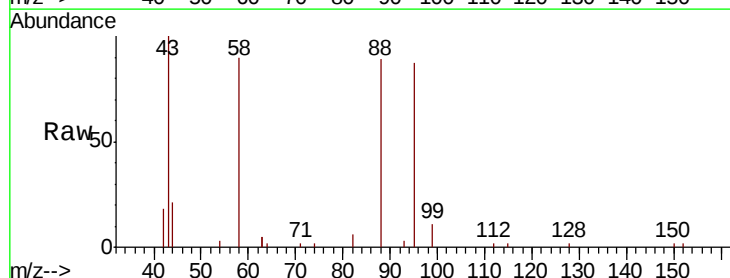
Tgt Ion: 88 Resp: 3058

Ion Ratio Lower Upper

88 100

58 94.0 75.8 113.6

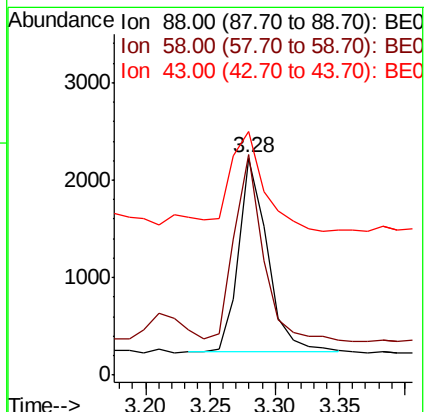
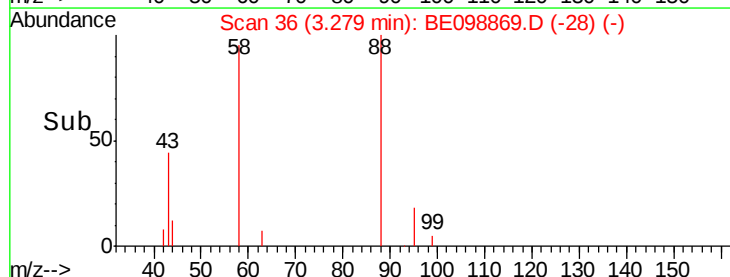
43 68.9 41.8 62.8#



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: 0.160 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

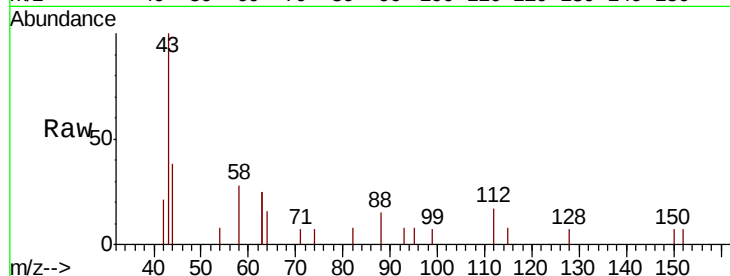
Tot Ion:112 Resp: 344

Ion Ratio Lower Upper

112 100

64 89.2 57.9 86.9#

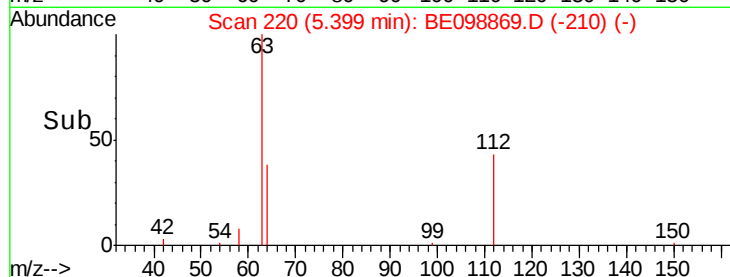
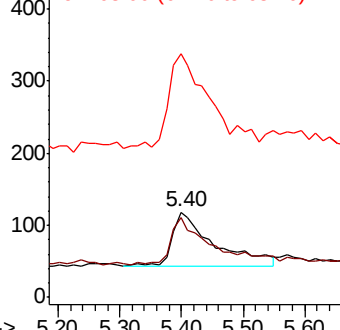
63 184.9 158.3 237.5



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: 0.090 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

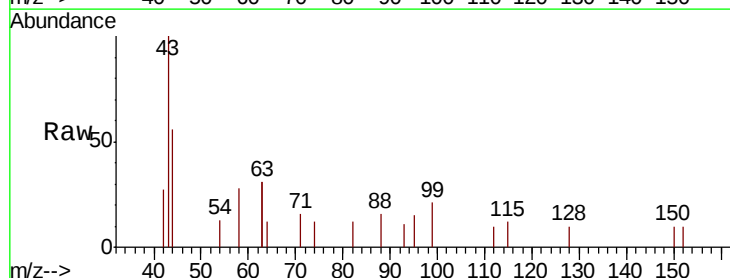
Tgt Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 47.1 24.2 36.2#

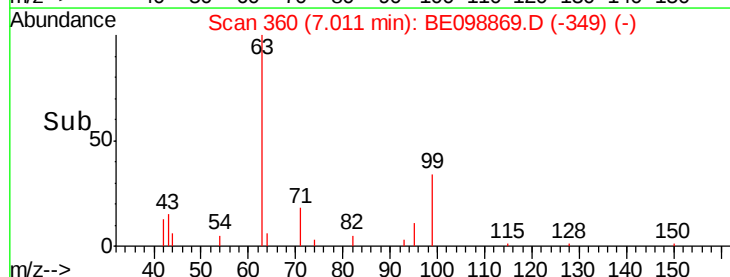
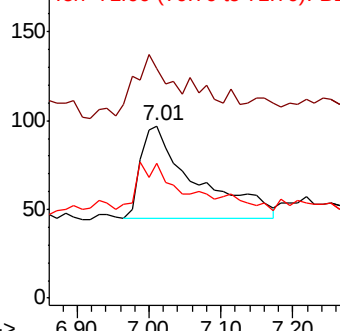
71 0.0 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

Tot Ion:136 Resp: 3017

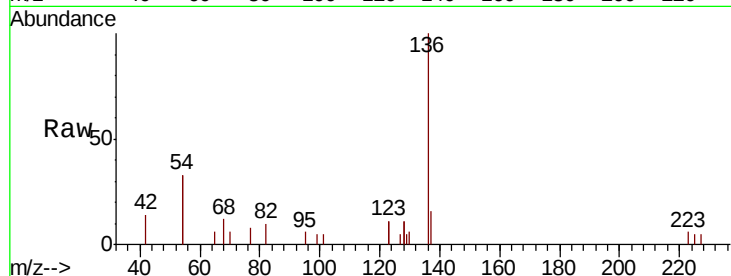
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 65.7 39.3 58.9#

68 11.8 6.7 10.1#

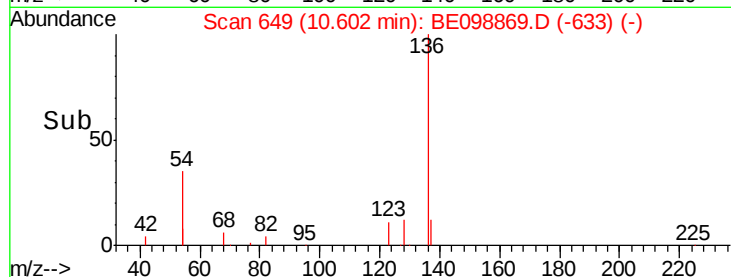
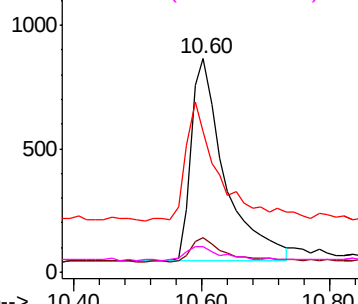


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.354 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

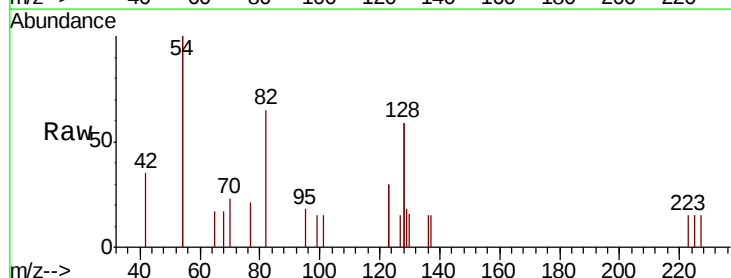
Tgt Ion: 82 Resp: 1119

Ion Ratio Lower Upper

82 100

128 181.8 123.8 185.8

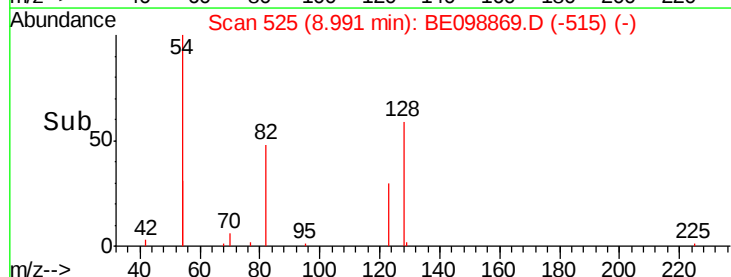
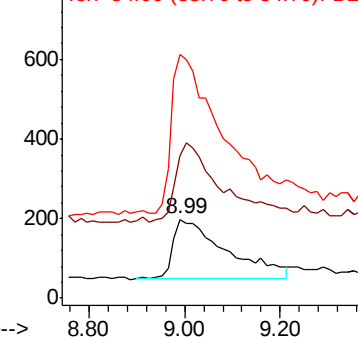
54 309.1 203.4 305.2#



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: 0.394 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

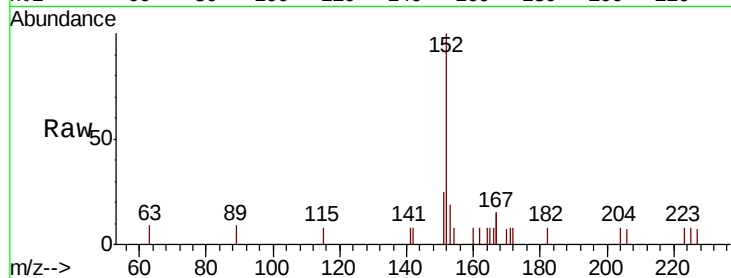
TT101D2-20190307

Tot Ion:152 Resp: 2196

Ion Ratio Lower Upper

152 100

151 18.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

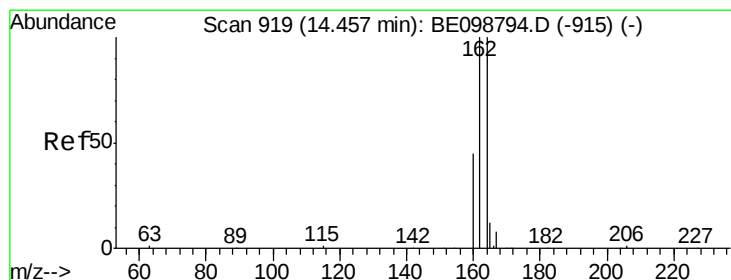
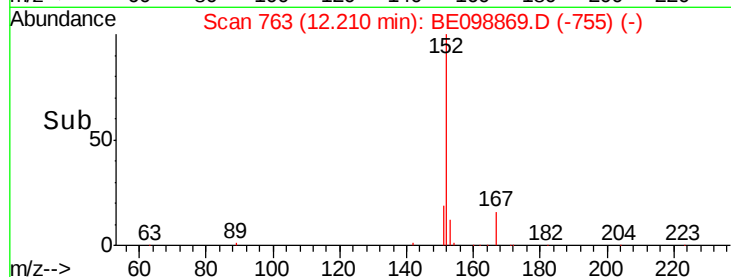
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

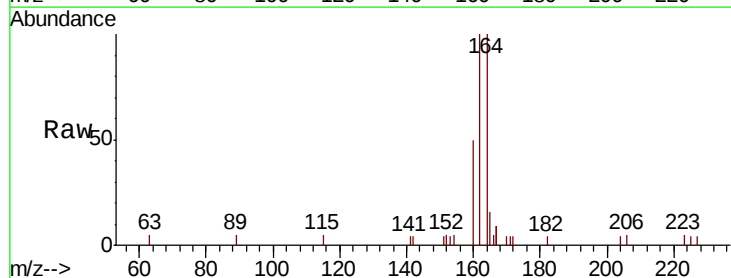
Tgt Ion:164 Resp: 2257

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

160 50.4 37.8 56.8



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

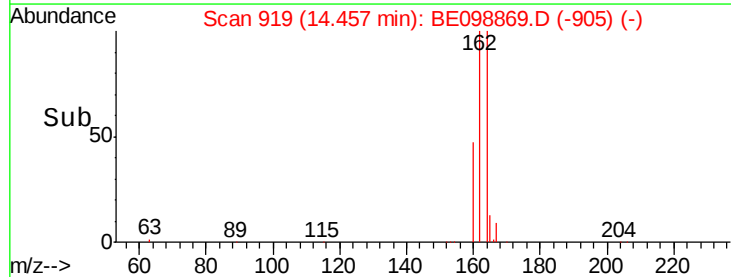
14.46

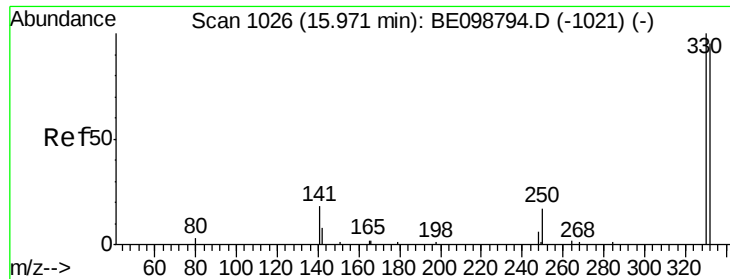
1000

500

0

Time-->

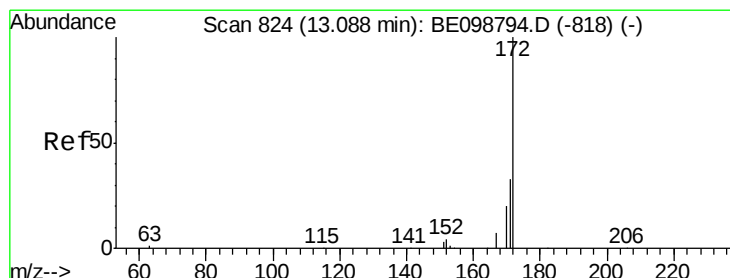
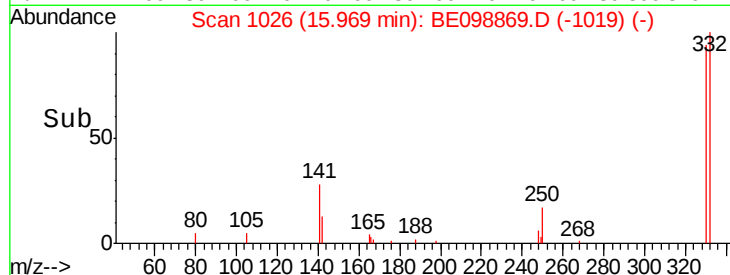
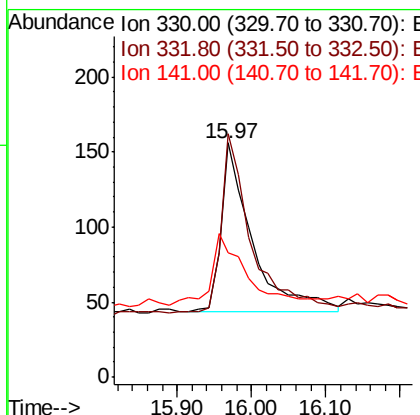
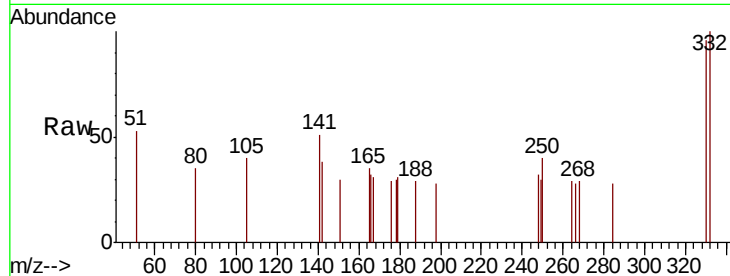




#14
 2,4,6-Tribromophenol
 Concen: 0.284 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098869.D
 Acq: 11 Mar 2019 19:31

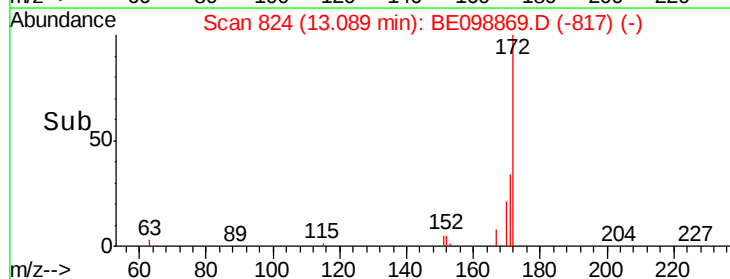
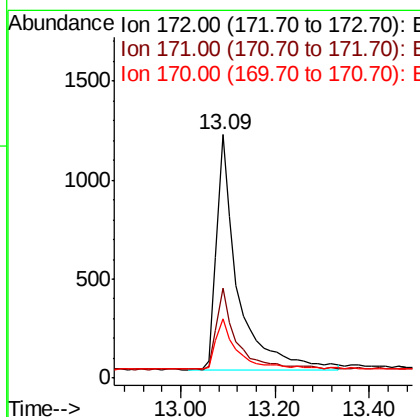
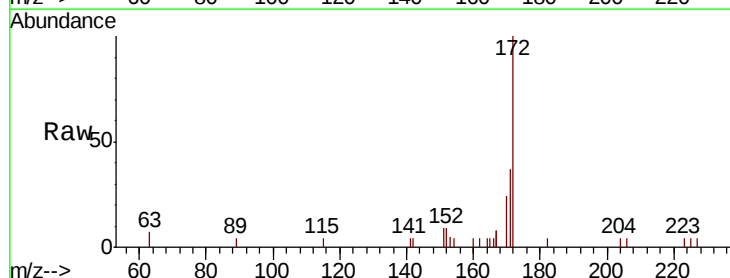
Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20190307

Tot Ion:330 Resp: 324
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.6 116.4
 141 39.5 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.391 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098869.D
 Acq: 11 Mar 2019 19:31

Tgt Ion:172 Resp: 3657
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.0 42.0
 170 24.2 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

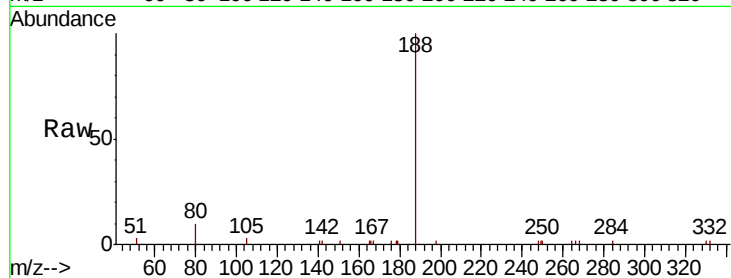
Tot Ion:188 Resp: 5491

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

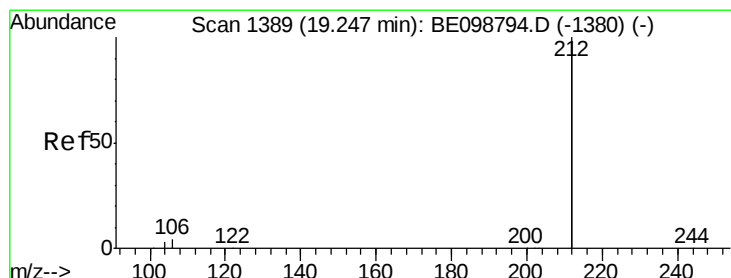
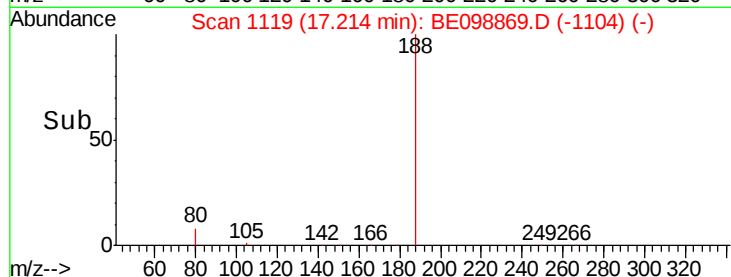
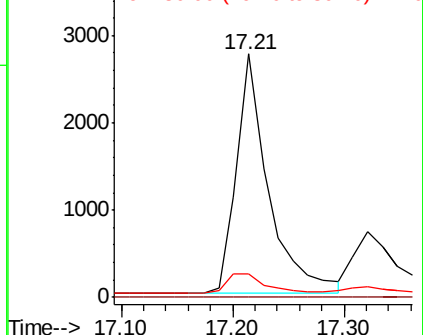
80 9.8 6.3 9.5#



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: 0.377 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

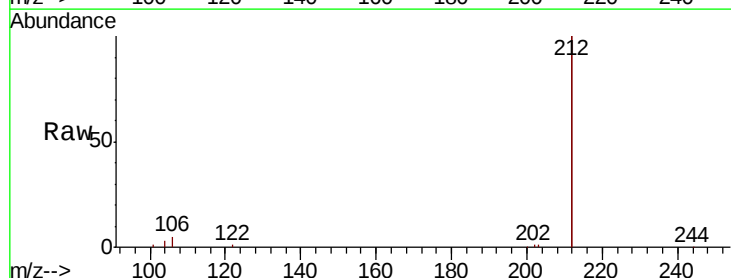
Tgt Ion:212 Resp: 33066

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

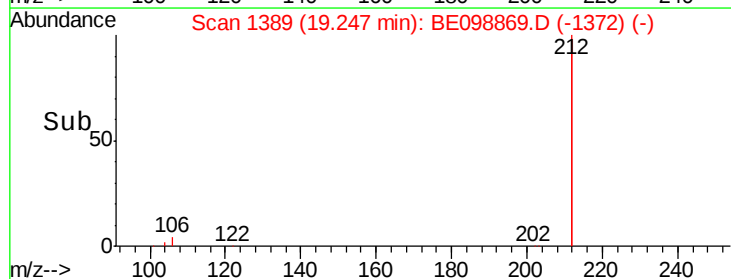
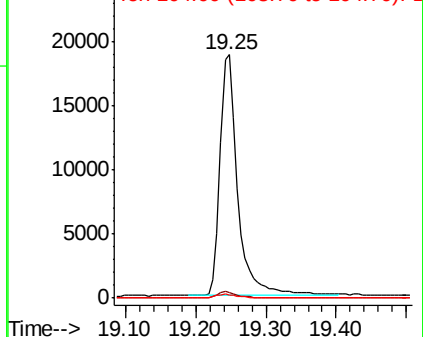
104 1.4 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

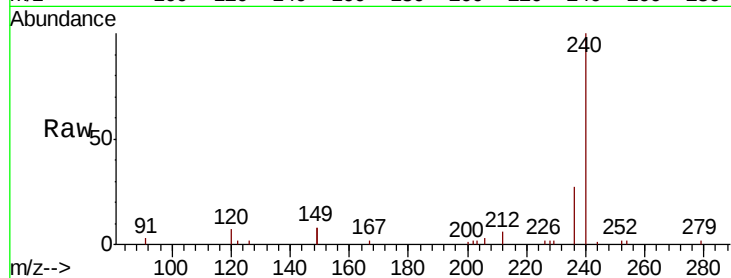
Tot Ion:240 Resp: 6974

Ion Ratio Lower Upper

240 100

120 7.3 5.0 7.4

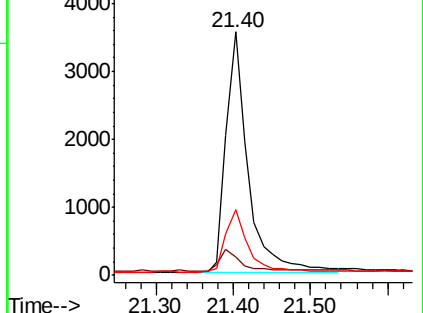
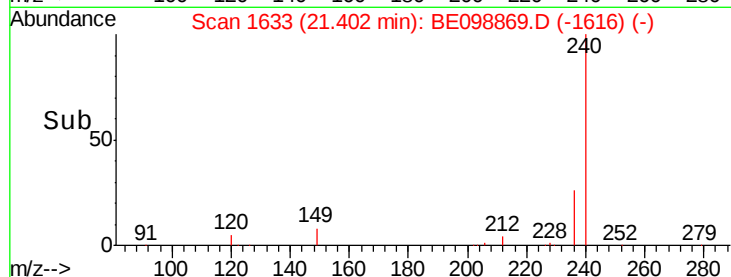
236 27.2 22.7 34.1



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: 0.474 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

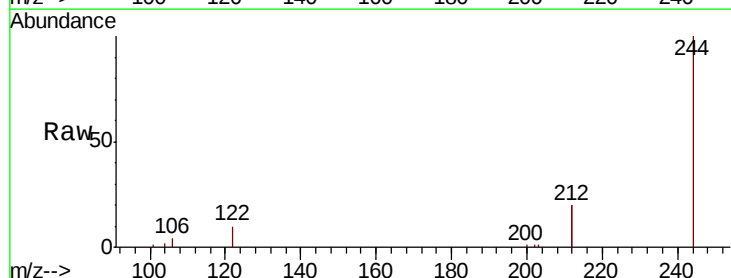
Tgt Ion:244 Resp: 8041

Ion Ratio Lower Upper

244 100

212 39.1 29.4 44.2

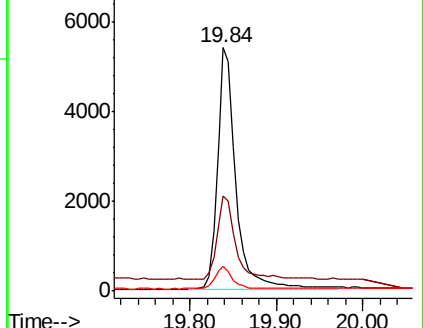
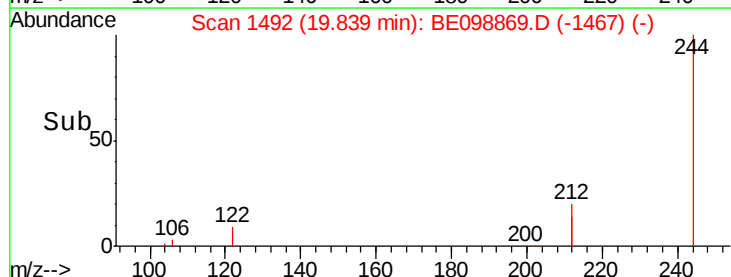
122 9.9 7.1 10.7

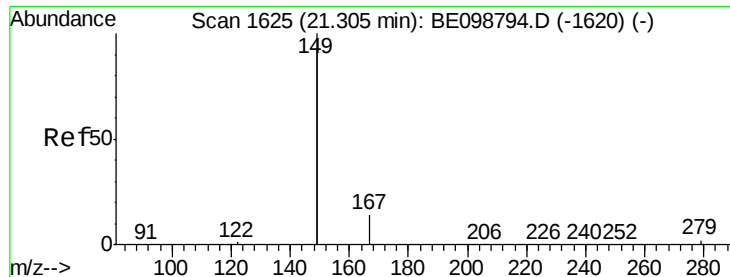


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

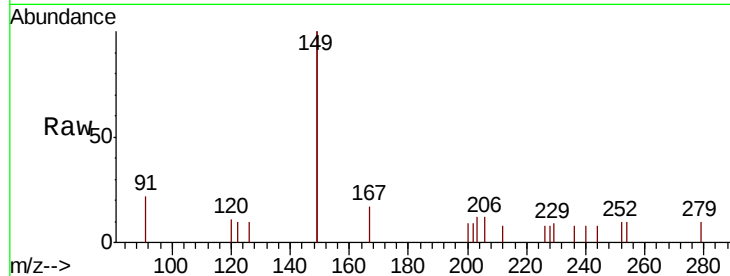




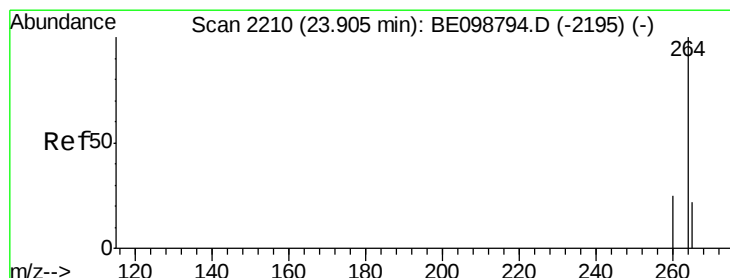
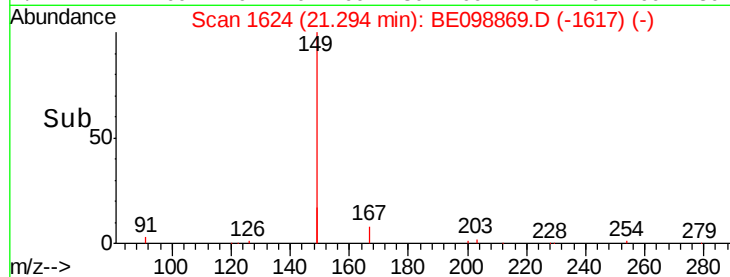
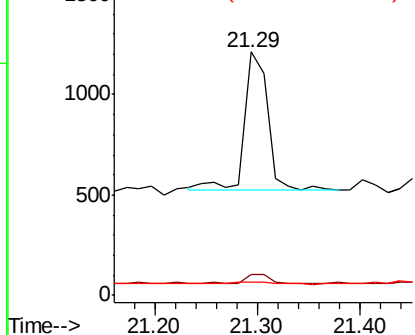
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098869.D
 Acq: 11 Mar 2019 19:31

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20190307

Tot Ion:149 Resp: 1079
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.4 8.0
 279 3.1 1.0 1.4#

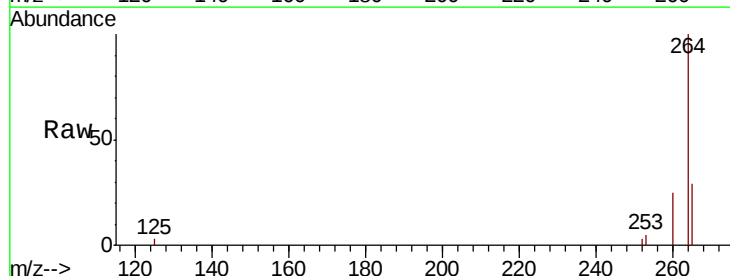


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098869.D
 Acq: 11 Mar 2019 19:31

Tgt Ion:264 Resp: 6733
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.2 31.8
 265 28.7 24.6 36.8



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

