

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
 Data File : BE098609.D
 Acq On : 2 Jan 2019 15:52
 Operator : SJ/JU
 Sample : PB116077BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB116077BL

Quant Time: Jan 02 17:42:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	947	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3945	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	2367	0.40	ng	0.02
19) Phenanthrene-d10	17.22	188	5163	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6403	0.40	ng	0.01
34) Perylene-d12	23.92	264	7016	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	890	0.40	ng	0.02
5) Phenol-d6	7.00	99	1232	0.39	ng	0.01
8) Nitrobenzene-d5	8.98	82	1003	0.28	ng	0.02
11) 2-Methylnaphthalene-d10	12.21	152	1601	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	303	0.35	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2715	0.27	ng	0.02
25) Fluoranthene-d10	19.26	212	18832	0.28	ng	0.01
29) Terphenyl-d14	19.86	244	4604	0.30	ng	0.01

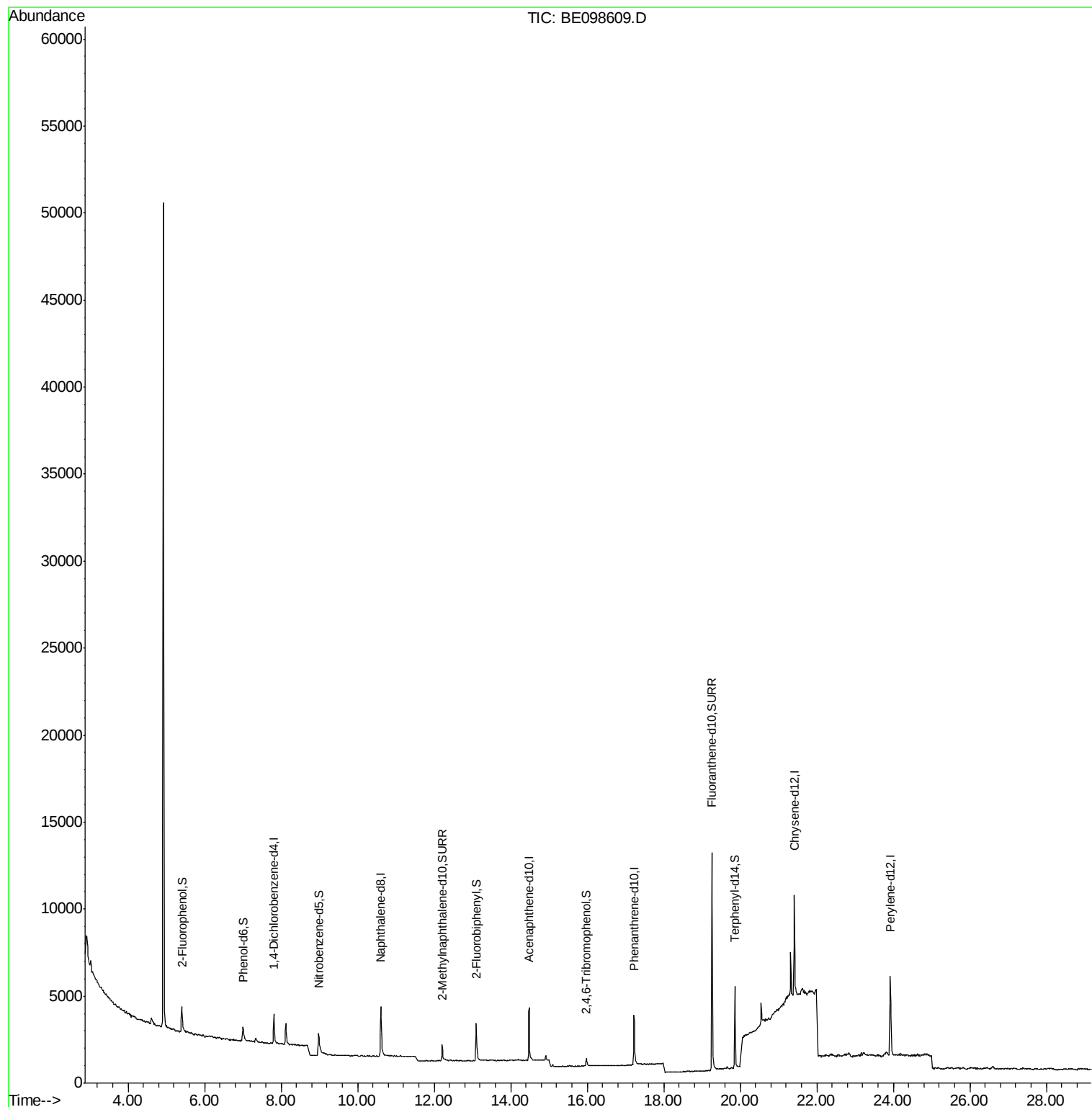
Target Compounds	Qvalue
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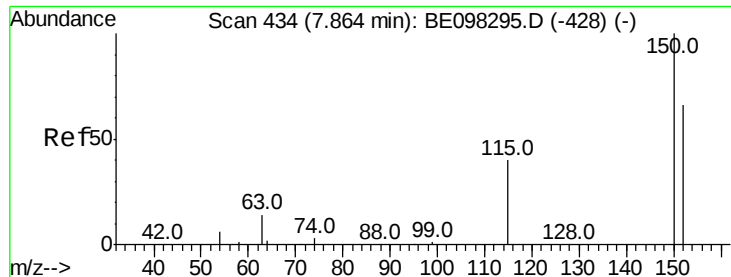
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampled :

PB116077BL

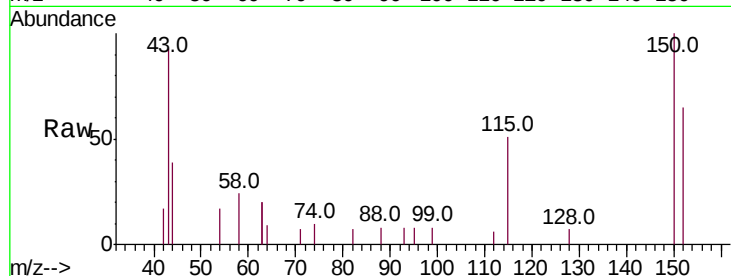
Tot Ion:152 Resp: 947

Ion Ratio Lower Upper

152 100

150 154.6 124.2 186.4

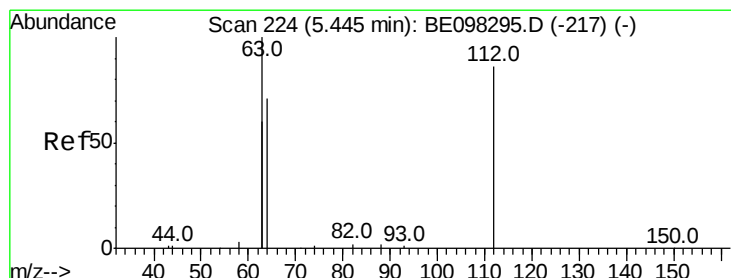
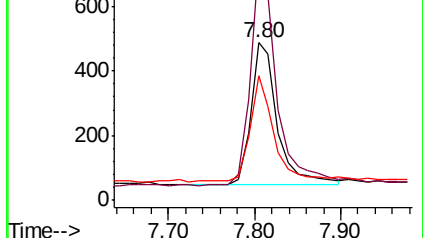
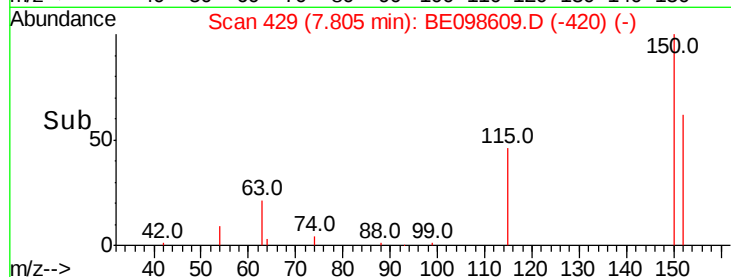
115 79.1 53.9 80.9



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



#4

2-Fluorophenol

Concen: 0.402 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

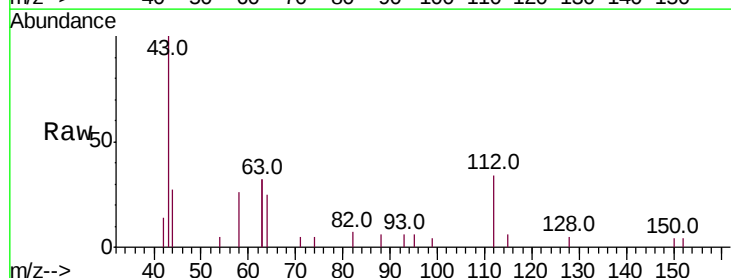
Tgt Ion:112 Resp: 890

Ion Ratio Lower Upper

112 100

64 81.5 59.8 89.8

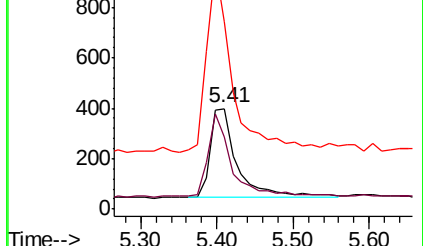
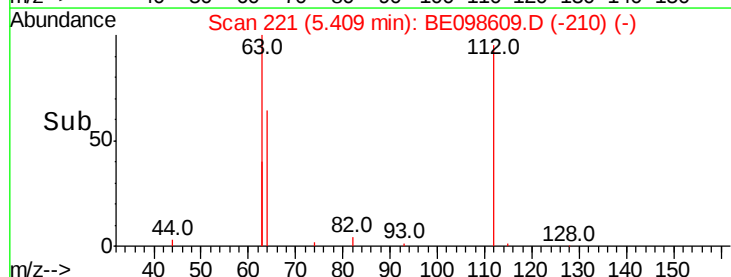
63 191.1 133.7 200.5

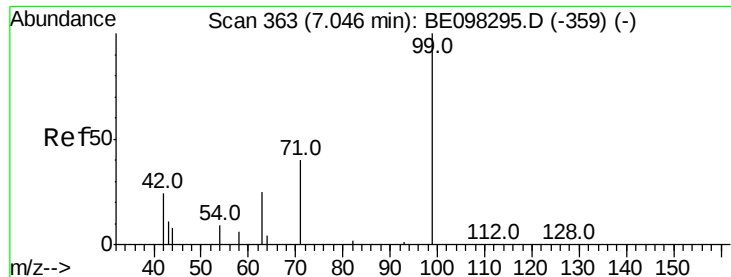


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.392 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampled :

PB116077BL

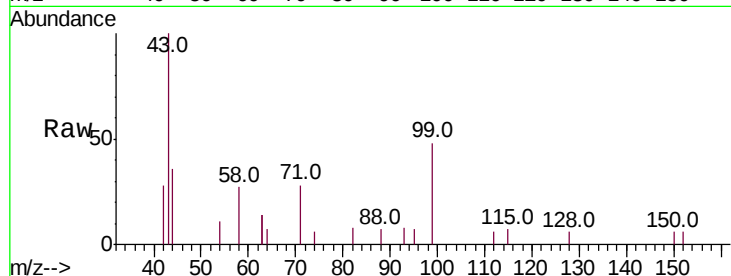
Tot Ion: 99 Resp: 1232

Ion Ratio Lower Upper

99 100

42 27.8 26.3 39.5

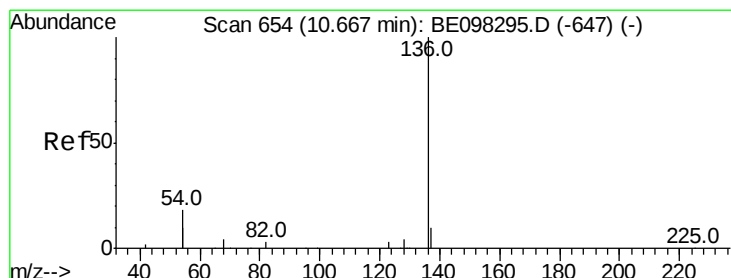
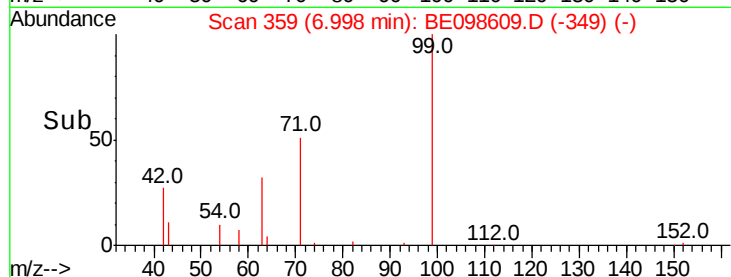
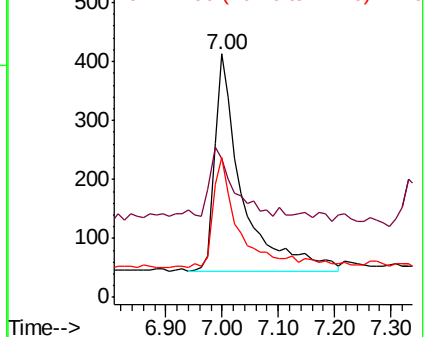
71 50.1 33.6 50.4



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Tgt Ion: 136 Resp: 3945

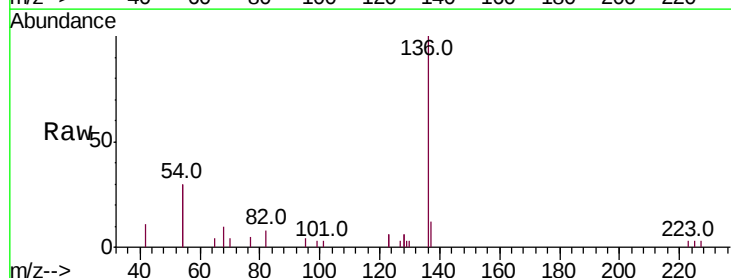
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 60.0 28.4 42.6#

68 9.8 5.4 8.0#

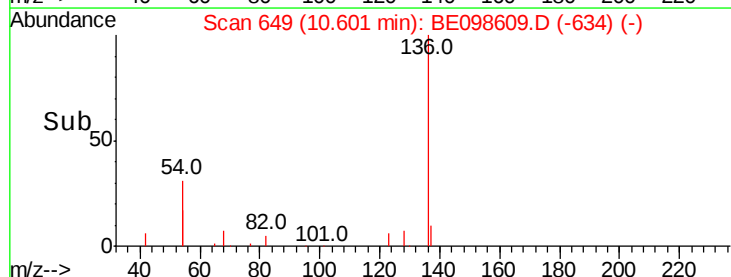
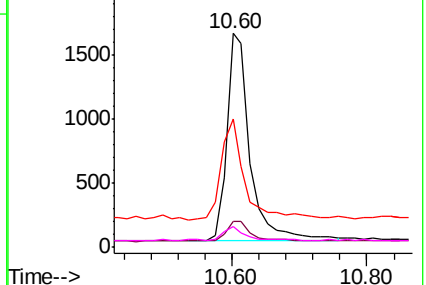


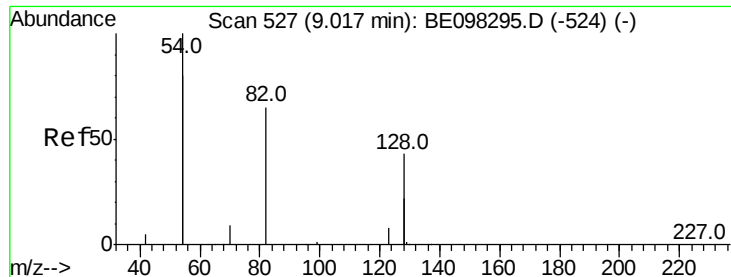
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.279 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.02 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

PB116077BL

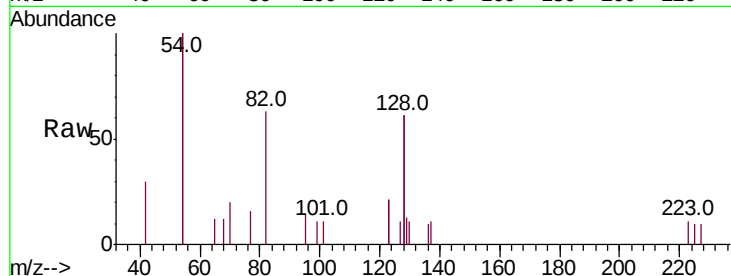
Tot Ion: 82 Resp: 1003

Ion Ratio Lower Upper

82 100

128 195.0 102.4 153.6#

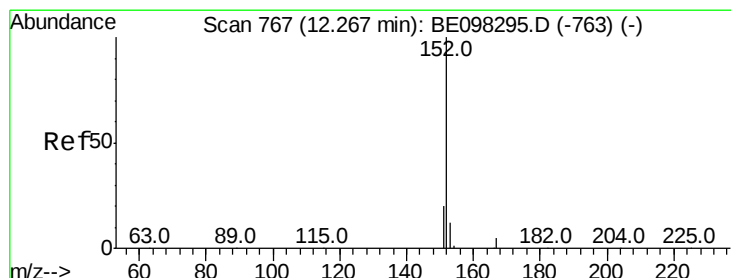
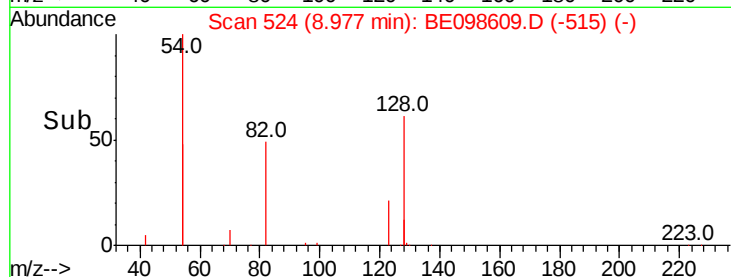
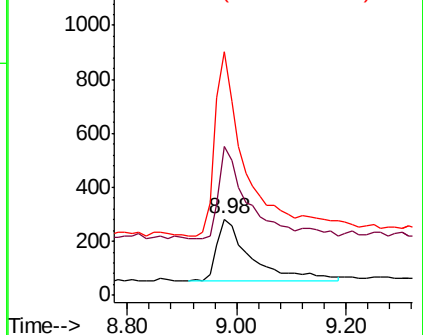
54 319.9 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.250 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE098609.D

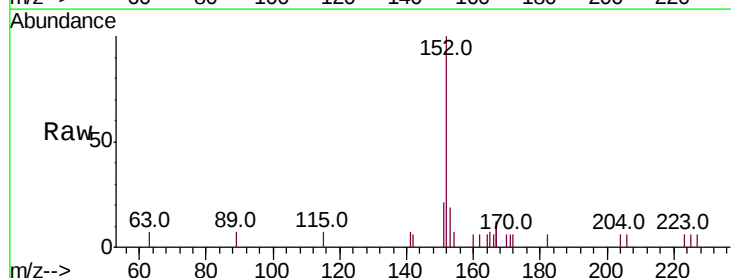
Acq: 2 Jan 2019 15:52

Tgt Ion: 152 Resp: 1601

Ion Ratio Lower Upper

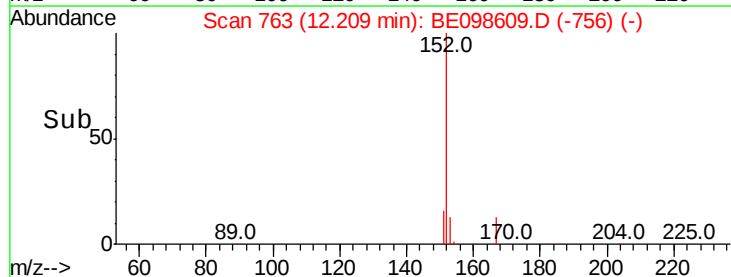
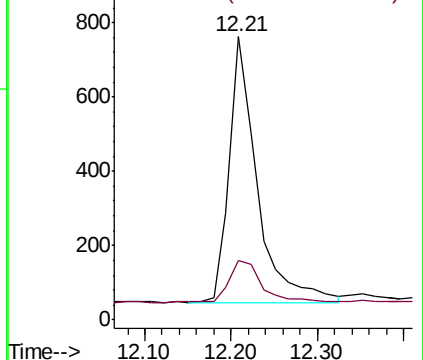
152 100

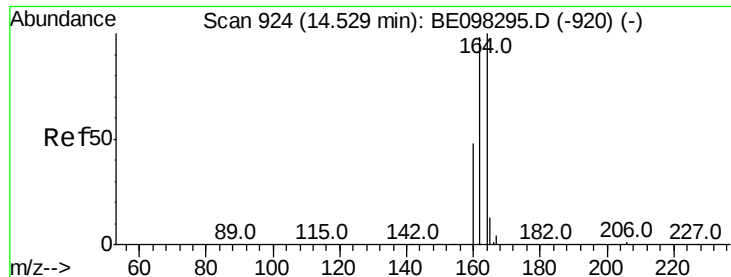
151 18.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

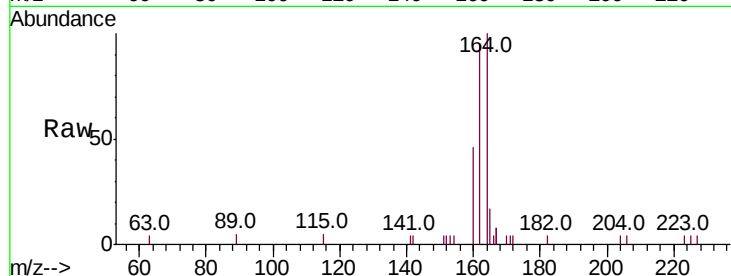




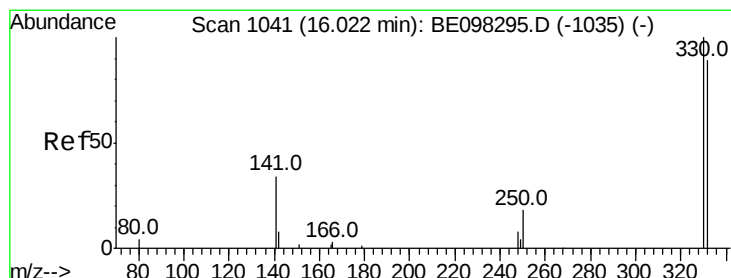
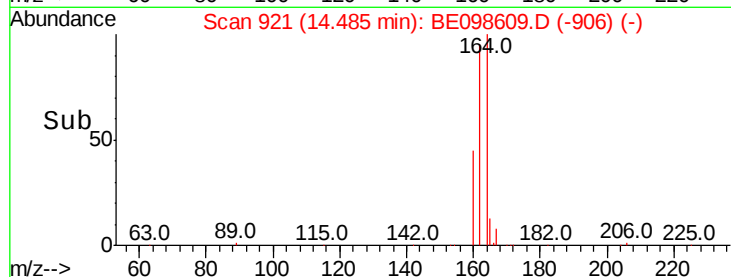
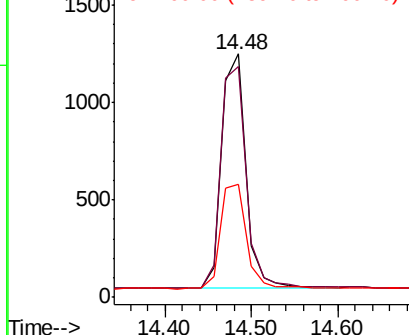
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.02 min
Lab File: BE098609.D
Acq: 2 Jan 2019 15:52

Instrument :
BNA_E
ClientSampleId :
PB116077BL

Tot Ion:164 Resp: 2367
Ion Ratio Lower Upper
164 100
162 94.8 77.6 116.4
160 46.4 36.0 54.0

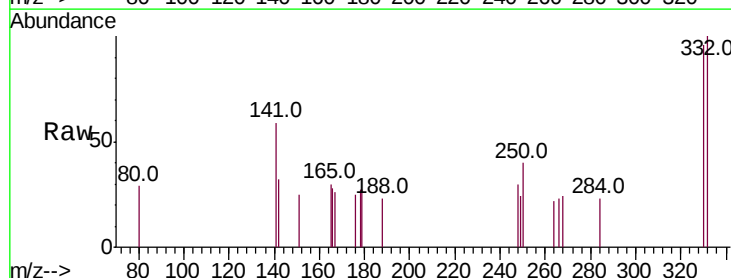


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

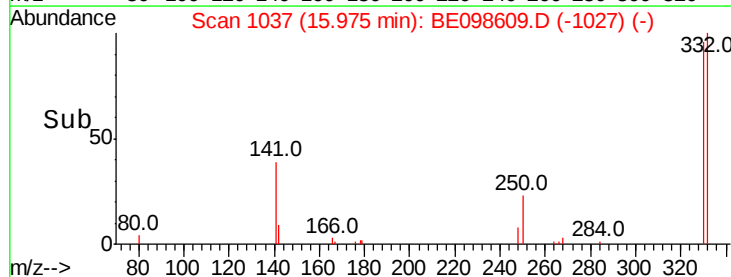
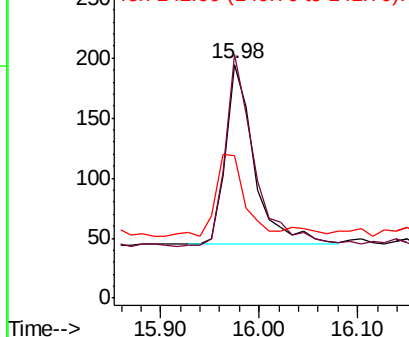


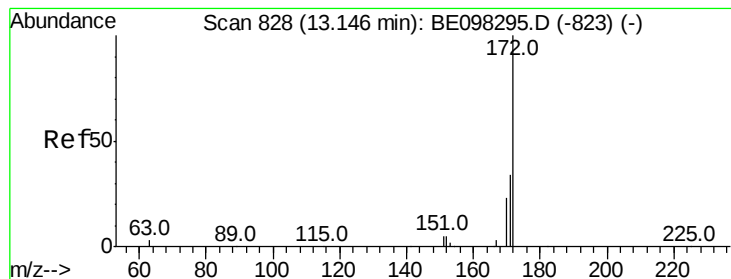
#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.98 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BE098609.D
Acq: 2 Jan 2019 15:52

Tgt Ion:330 Resp: 303
Ion Ratio Lower Upper
330 100
332 110.9 76.2 114.4
141 46.2 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

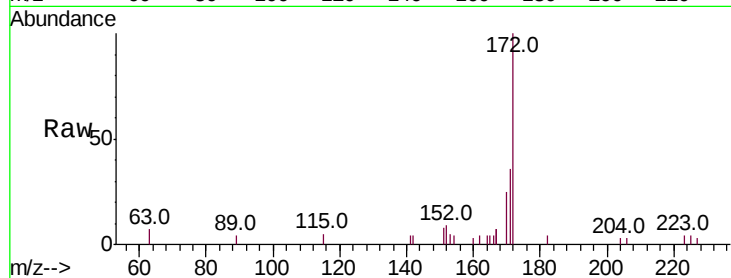




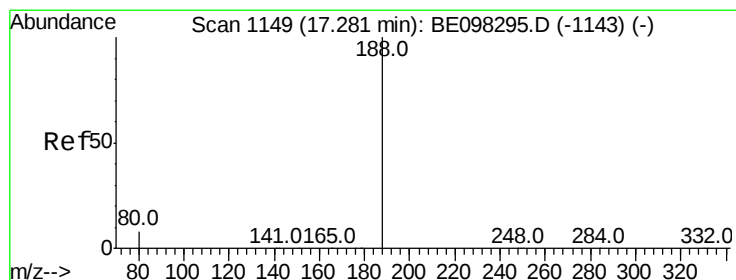
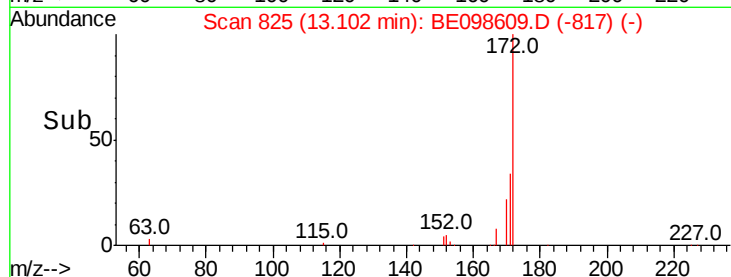
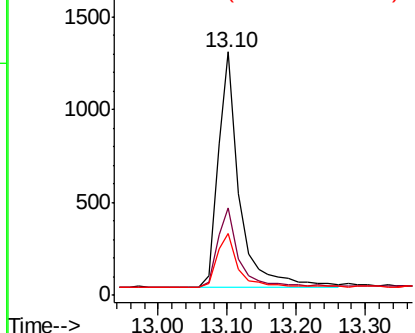
#15
 2-Fluorobiphenyl
 Concen: 0.272 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BE098609.D
 Acq: 2 Jan 2019 15:52

Instrument :
 BNA_E
 ClientSampleId :
 PB116077BL

Tot Ion:172 Resp: 2715
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.5 41.3
 170 25.2 19.6 29.4

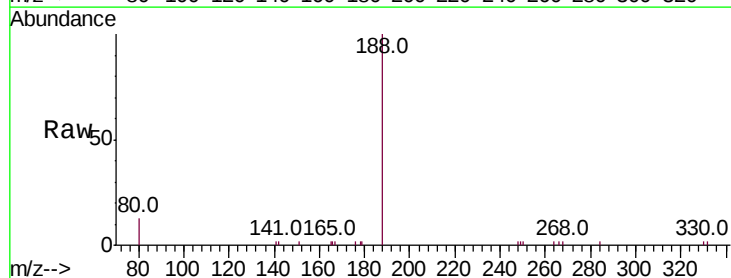


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

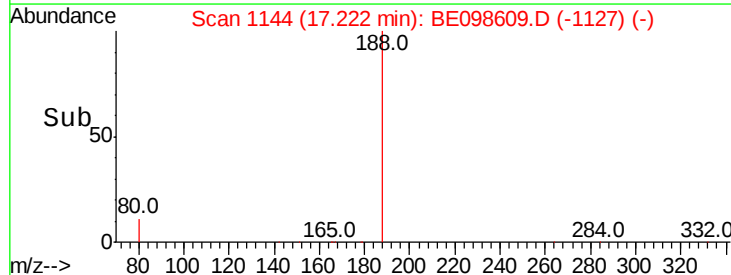
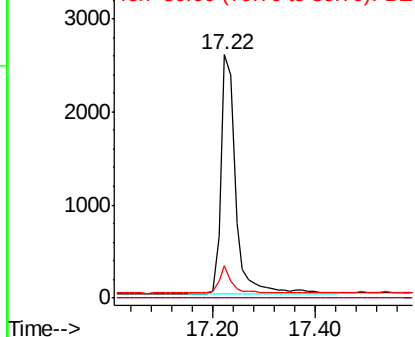


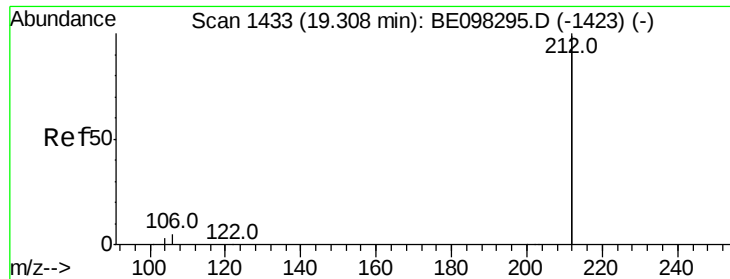
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.22 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BE098609.D
 Acq: 2 Jan 2019 15:52

Tgt Ion:188 Resp: 5163
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 13.2 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





#25

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.26 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

PB116077BL

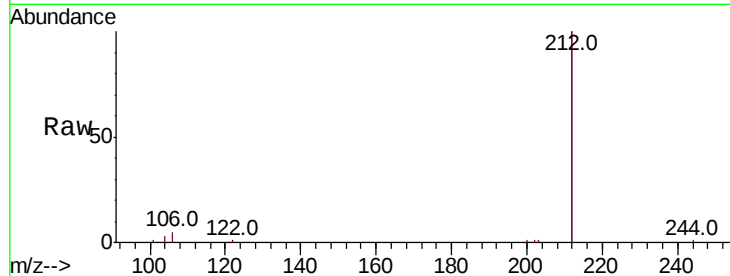
Tot Ion:212 Resp: 18832

Ion Ratio Lower Upper

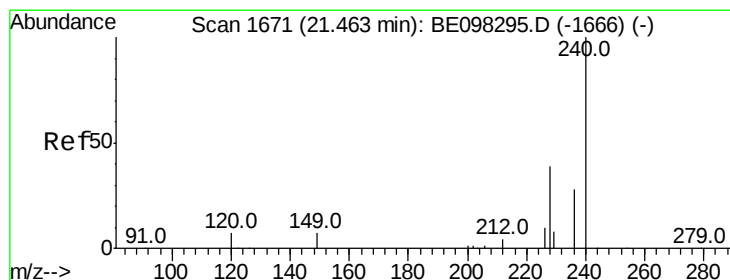
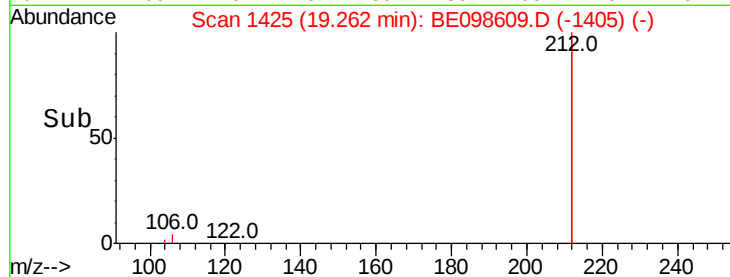
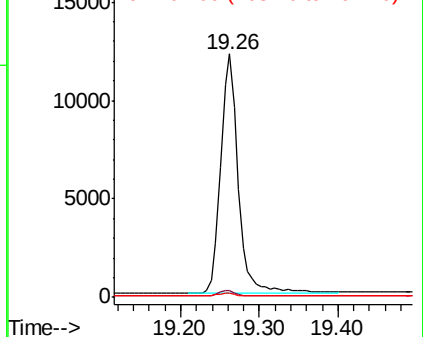
212 100

106 2.2 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: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

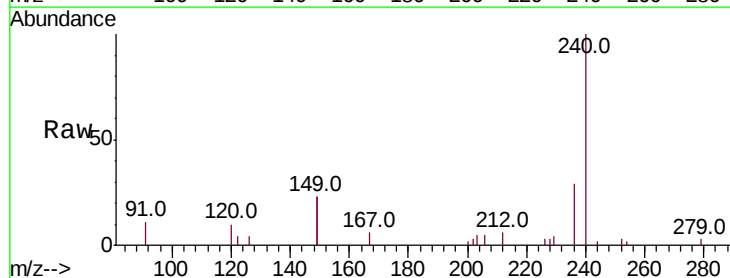
Tgt Ion:240 Resp: 6403

Ion Ratio Lower Upper

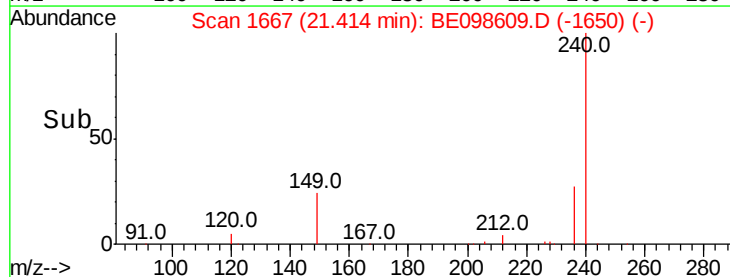
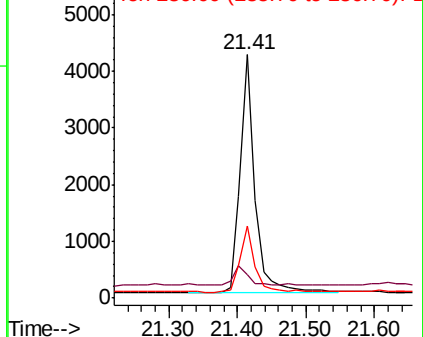
240 100

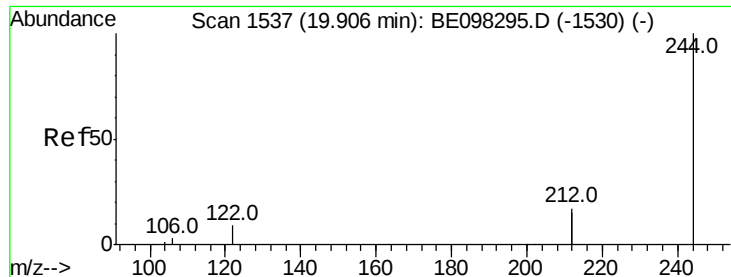
120 9.7 9.5 14.3

236 29.4 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: 0.296 ng

RT: 19.86 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

PB116077BL

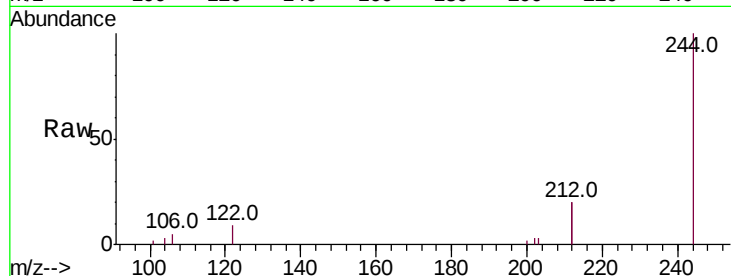
Tot Ion:244 Resp: 4604

Ion Ratio Lower Upper

244 100

212 39.0 27.4 41.0

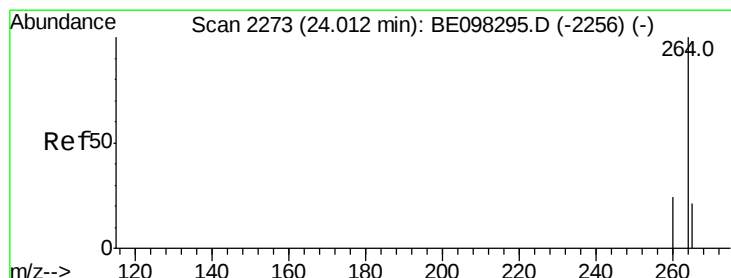
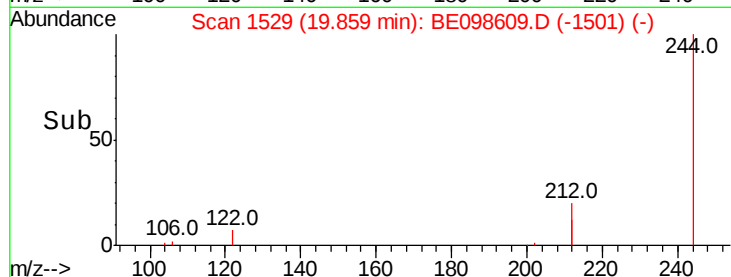
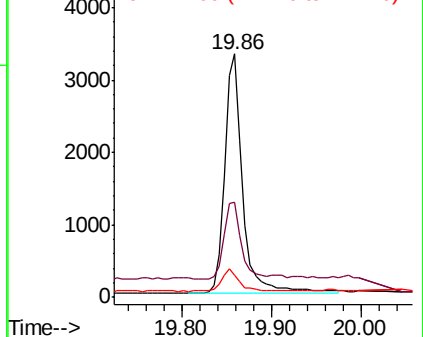
122 9.2 8.3 12.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.03 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

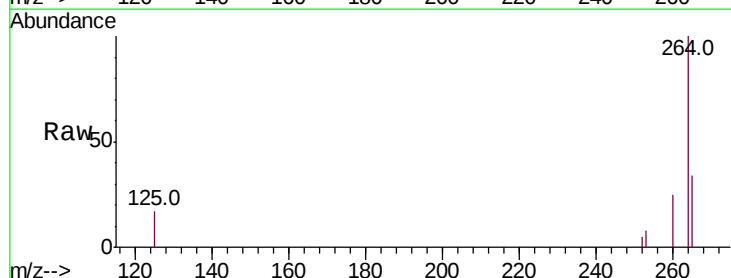
Tgt Ion:264 Resp: 7016

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 34.1 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

