

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098040.D
 Acq On : 24 Oct 2018 16:06
 Operator : SJ/JU
 Sample : PB114054BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

Quant Time: Oct 25 04:31:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1025	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	4624	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	2975	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	8883	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11496	0.40	ng	0.00
34) Perylene-d12	24.03	264	11469	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	898	0.29	ng	0.00
5) Phenol-d6	7.06	99	1254	0.24	ng	0.00
8) Nitrobenzene-d5	9.03	82	1281	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2031	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	380	0.25	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2858	0.24	ng	0.00
25) Fluoranthene-d10	19.32	212	31753	0.28	ng	0.00
29) Terphenyl-d14	19.92	244	9308	0.34	ng	0.00

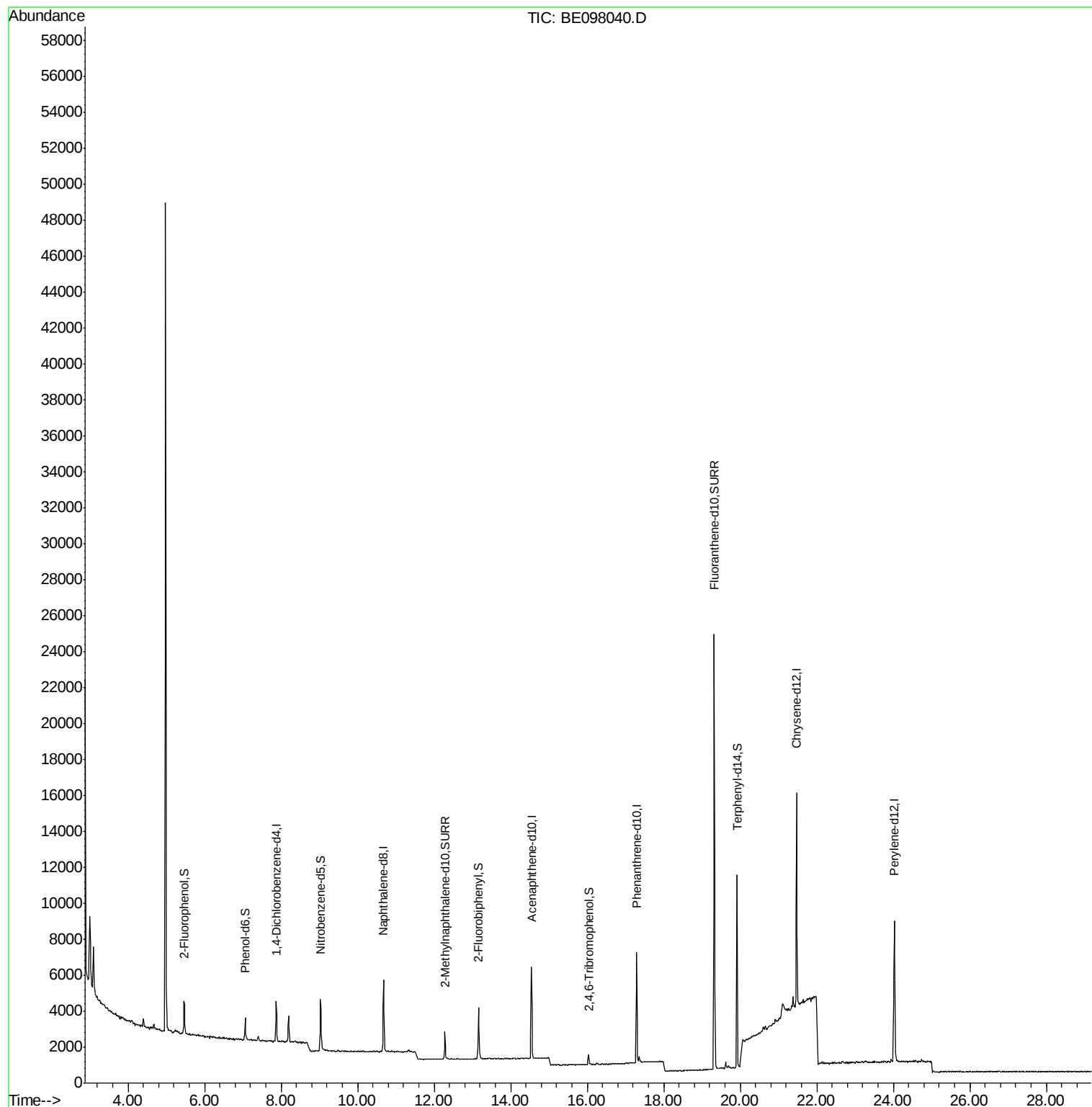
Target Compounds	Qvalue
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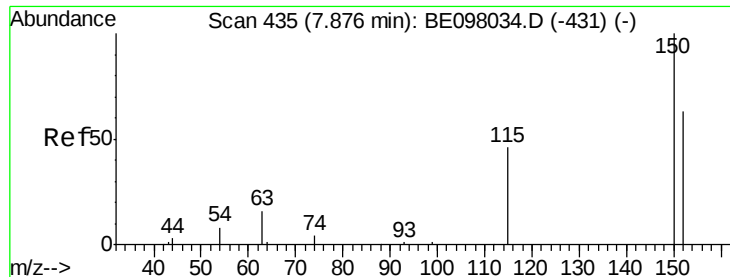
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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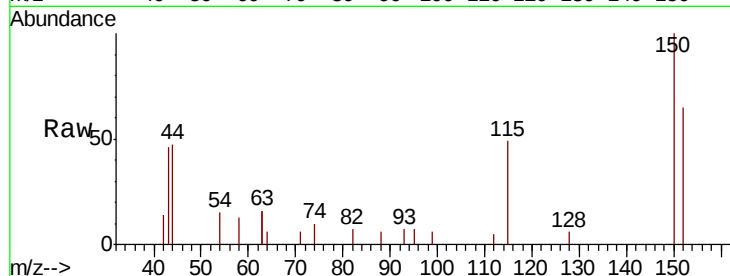


#1

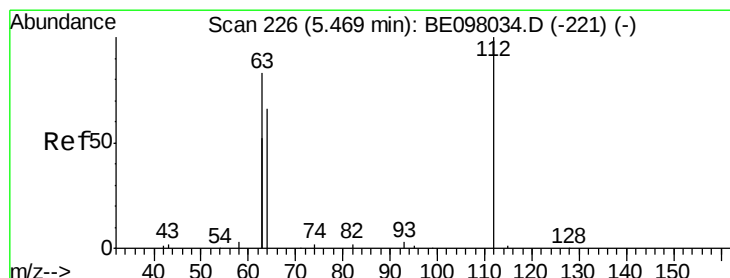
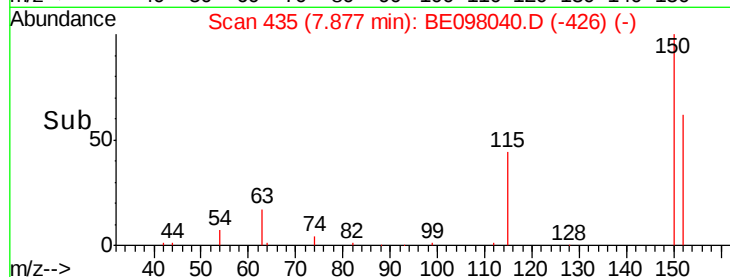
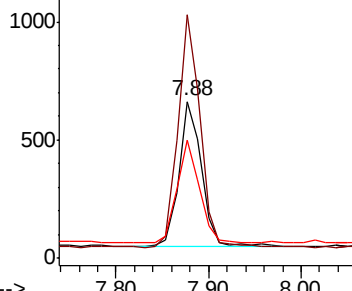
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tot Ion:152 Resp: 1025
Ion Ratio Lower Upper
152 100
150 155.0 118.2 177.4
115 75.5 50.9 76.3



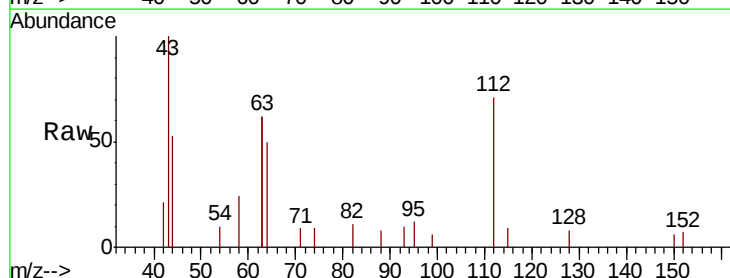
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



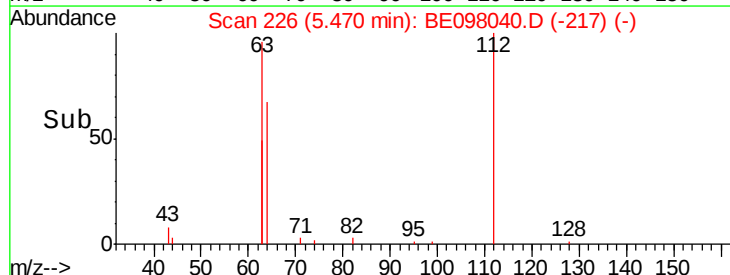
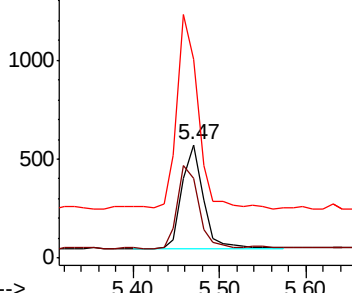
#4

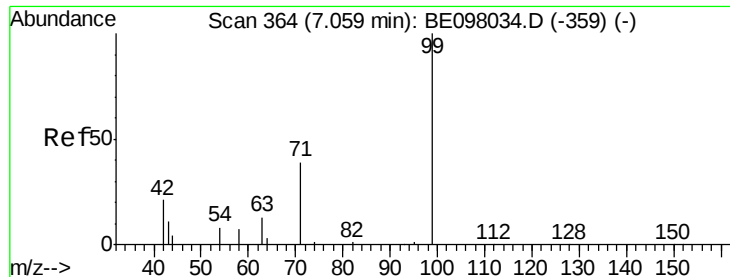
2-Fluorophenol
Concen: 0.289 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:112 Resp: 898
Ion Ratio Lower Upper
112 100
64 79.2 58.9 88.3
63 182.5 120.3 180.5#



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: 0.243 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

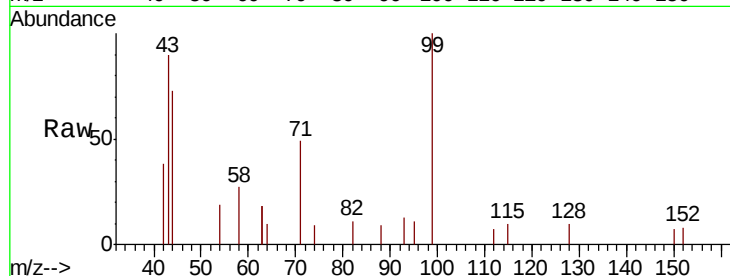
Tot Ion: 99 Resp: 1254

Ion Ratio Lower Upper

99 100

42 37.8 19.9 29.9#

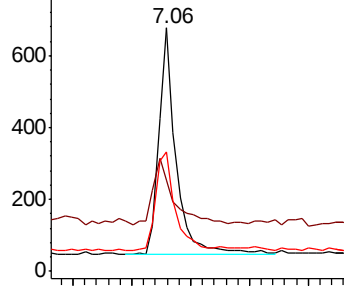
71 49.8 27.8 41.8#



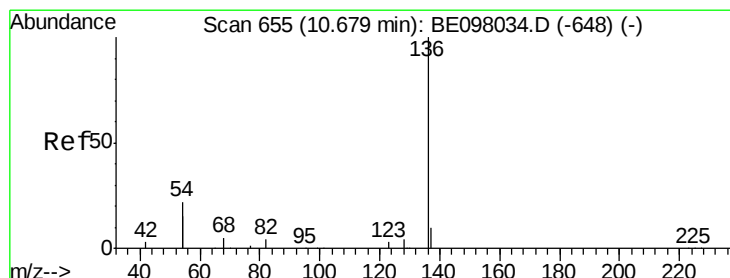
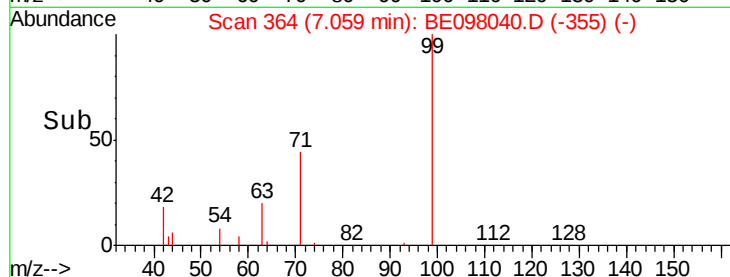
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Tgt Ion:136 Resp: 4624

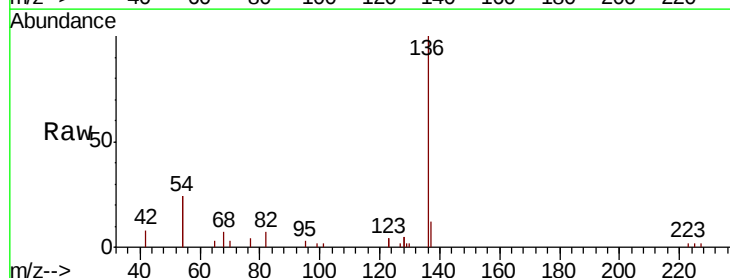
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 47.2 27.7 41.5#

68 6.6 5.3 7.9

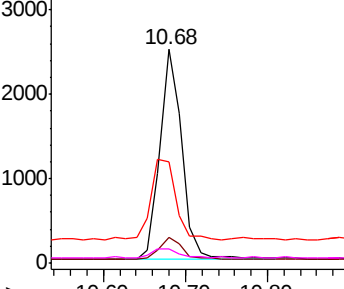


Abundance Ion 136.00 (135.70 to 136.70): E

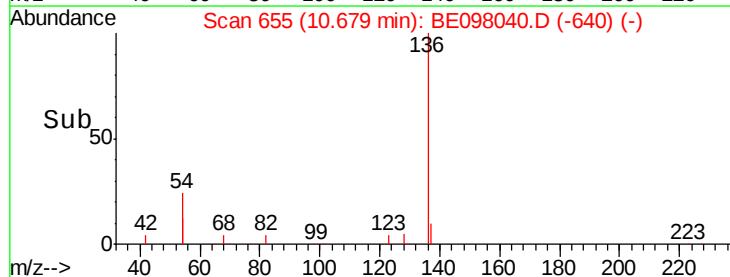
Ion 137.00 (136.70 to 137.70): E

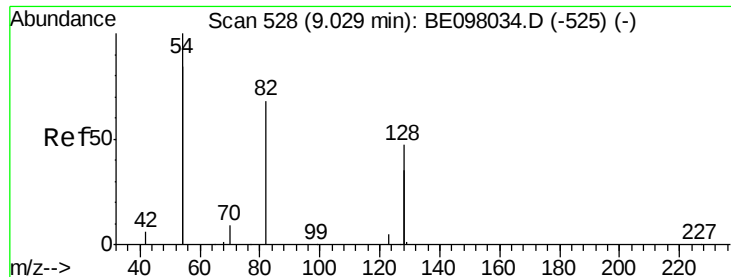
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.261 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

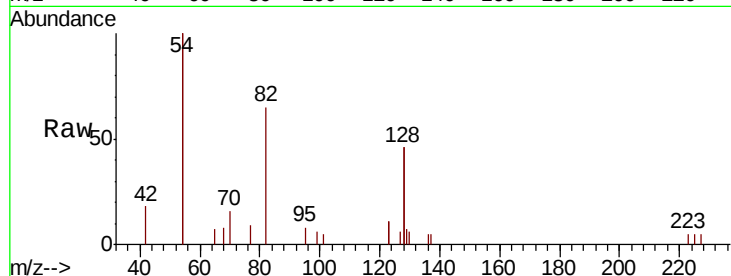
Tot Ion: 82 Resp: 1281

Ion Ratio Lower Upper

82 100

128 139.9 129.9 194.9

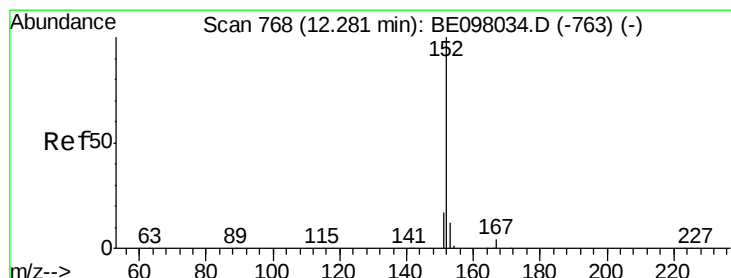
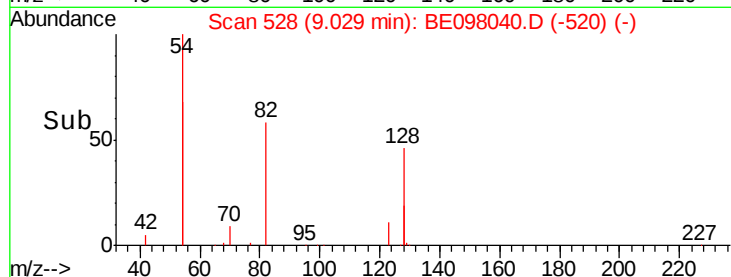
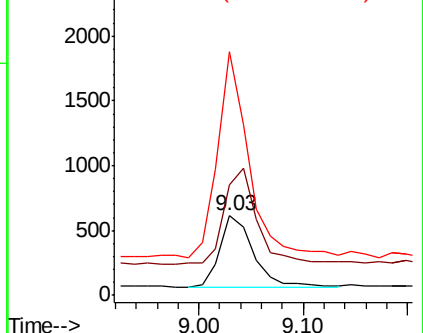
54 306.9 174.0 261.0#



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: 0.248 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098040.D

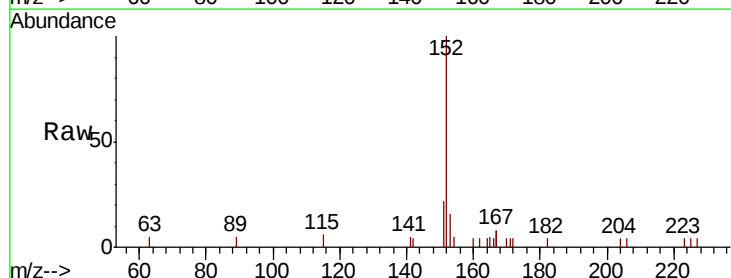
Acq: 24 Oct 2018 16:06

Tgt Ion: 152 Resp: 2031

Ion Ratio Lower Upper

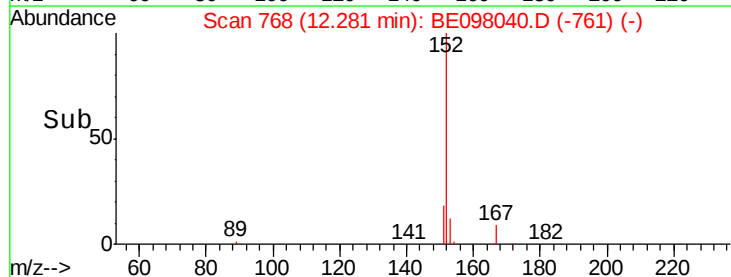
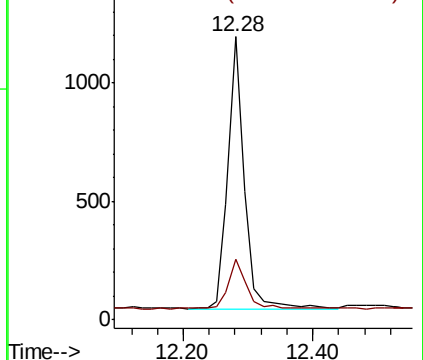
152 100

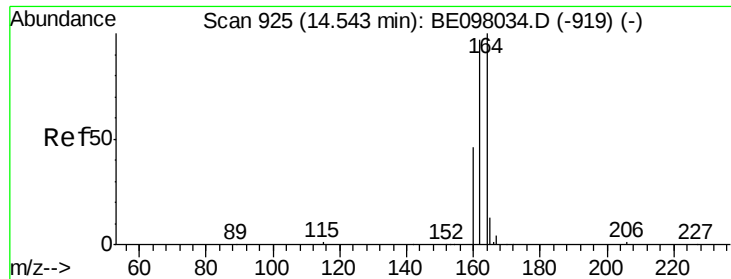
151 20.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

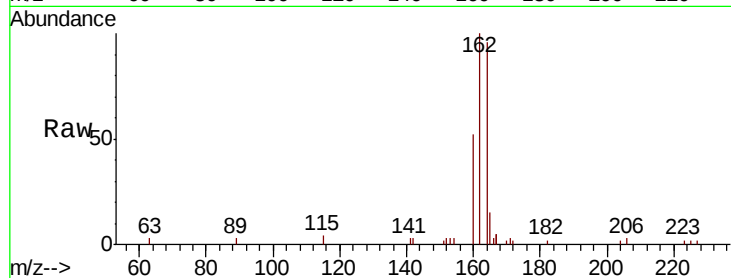




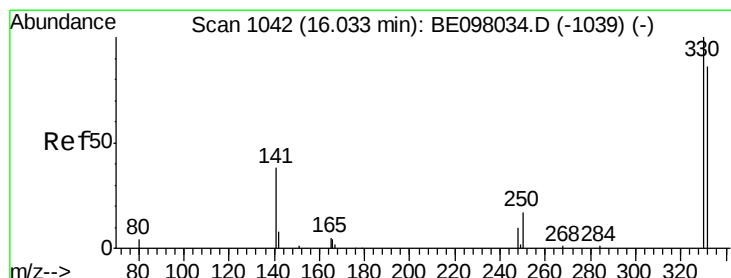
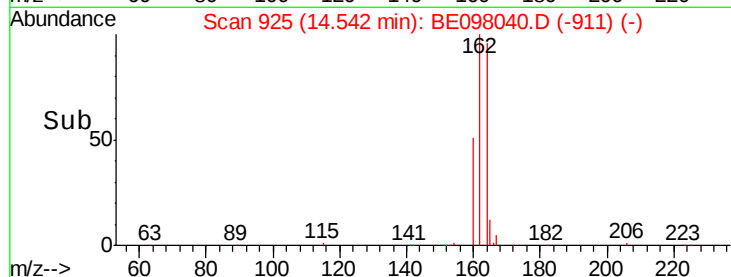
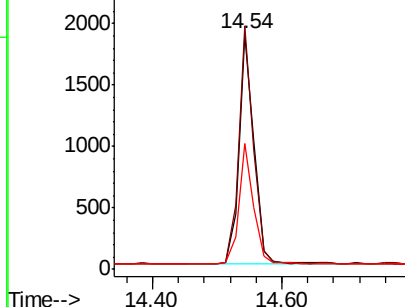
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Instrument :
 BNA_E
 ClientSampleId :
 PB114054BL

Tot Ion:164 Resp: 2975
 Ion Ratio Lower Upper
 164 100
 162 103.7 77.4 116.2
 160 53.6 36.5 54.7

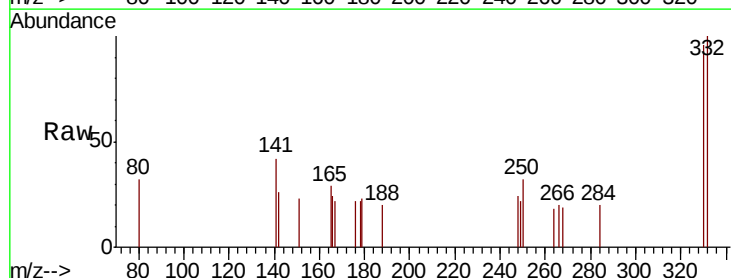


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

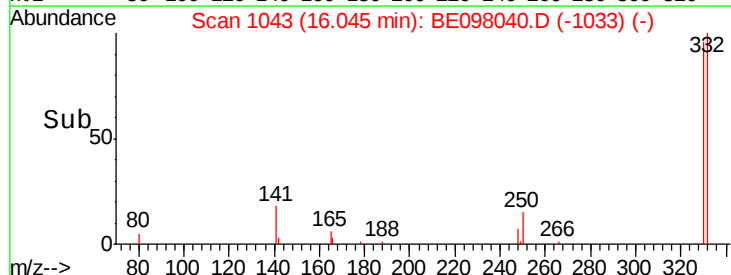
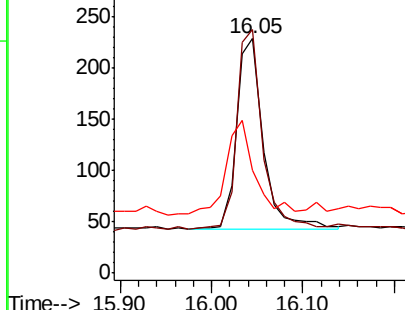


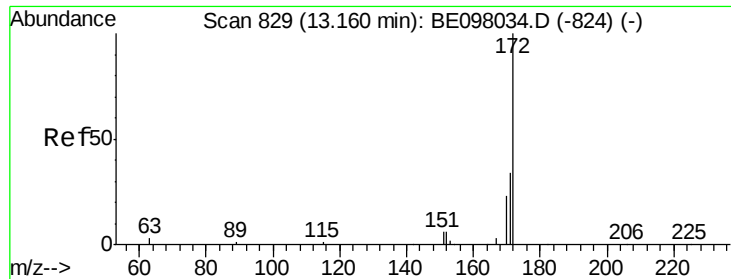
#14
 2,4,6-Tribromophenol
 Concen: 0.254 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BE098040.D
 Acq: 24 Oct 2018 16:06

Tgt Ion:330 Resp: 380
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.5 114.7
 141 52.9 31.8 47.6#



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

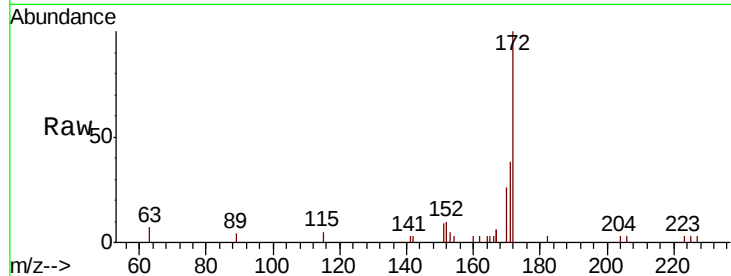




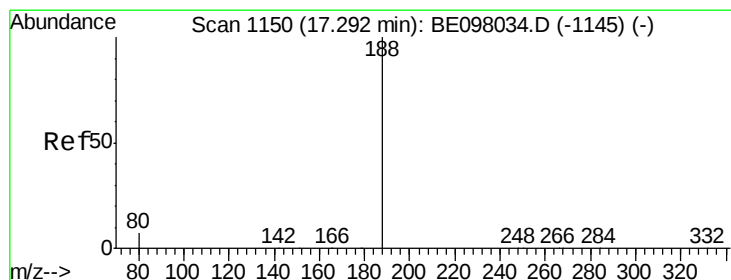
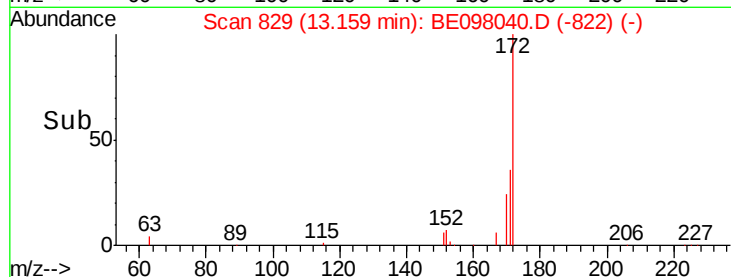
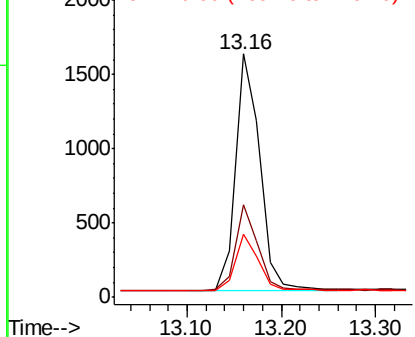
#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tot Ion:172 Resp: 2858
Ion Ratio Lower Upper
172 100
171 38.2 26.0 39.0
170 26.2 18.0 27.0

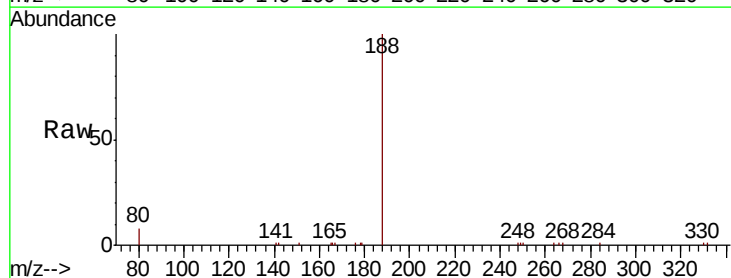


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

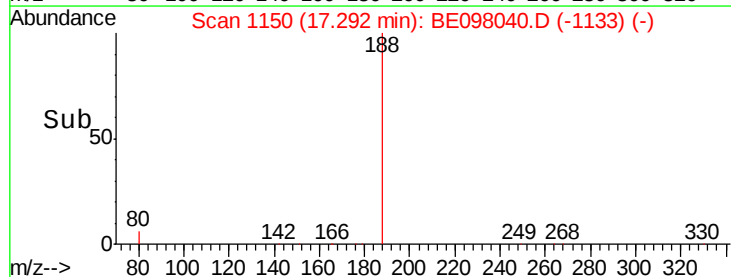
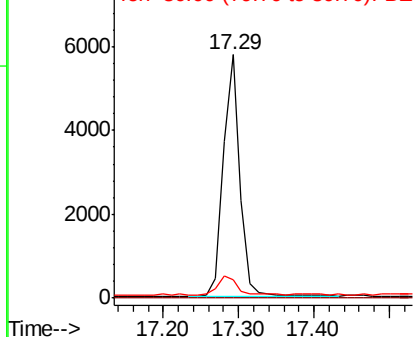


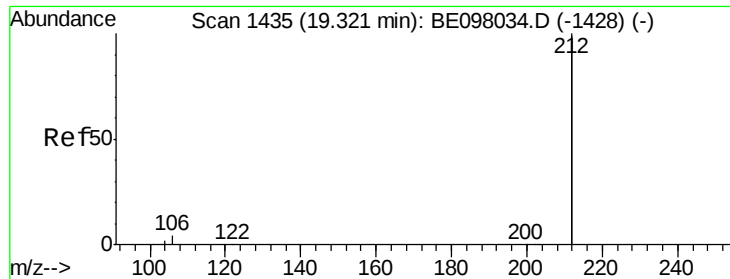
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:188 Resp: 8883
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 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: 0.279 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

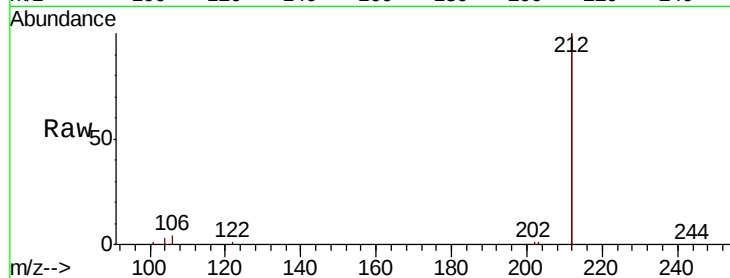
Tot Ion:212 Resp: 31753

Ion Ratio Lower Upper

212 100

106 2.1 2.3 3.5#

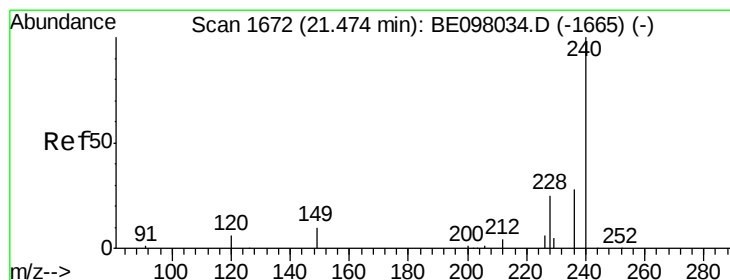
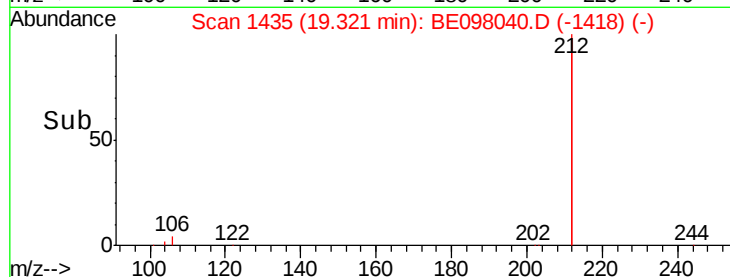
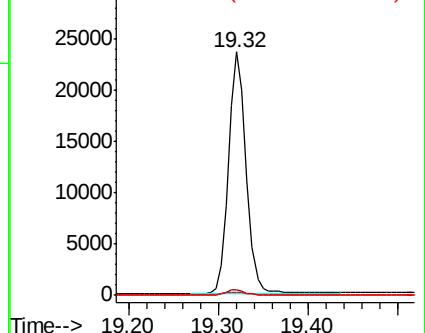
104 1.2 1.3 1.9#



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: 21.47 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

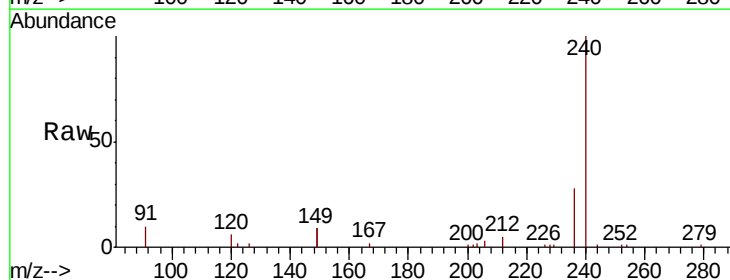
Tgt Ion:240 Resp: 11496

Ion Ratio Lower Upper

240 100

120 6.5 7.1 10.7#

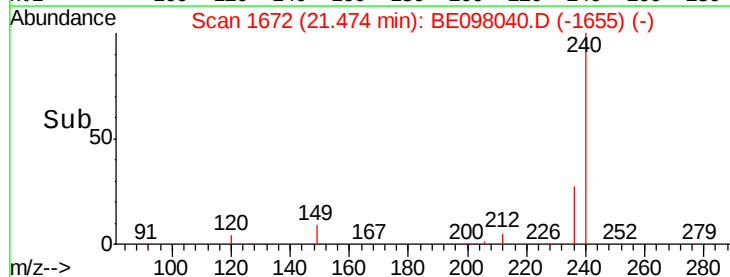
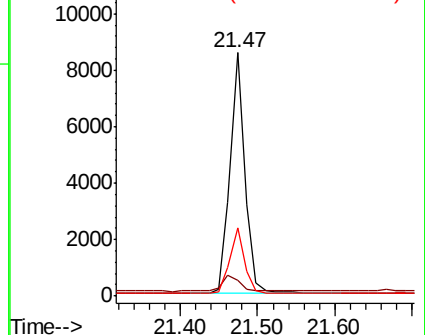
236 28.0 21.3 31.9

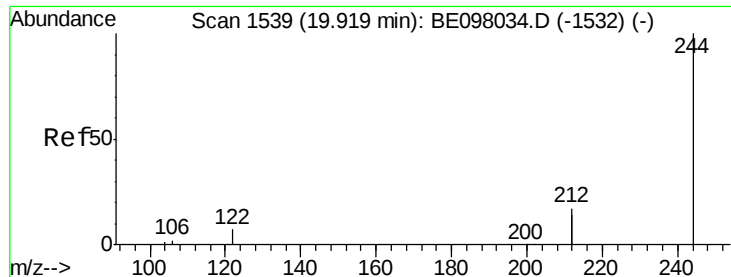


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.344 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

Instrument :

BNA_E

ClientSampleId :

PB114054BL

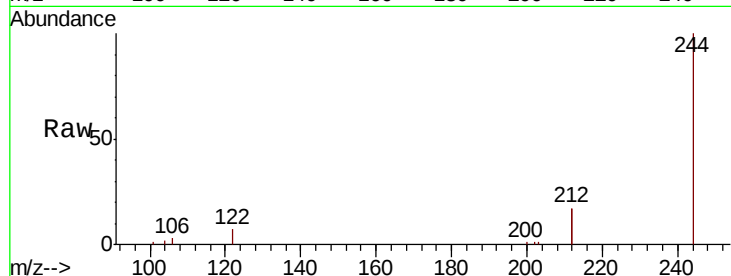
Tot Ion:244 Resp: 9308

Ion Ratio Lower Upper

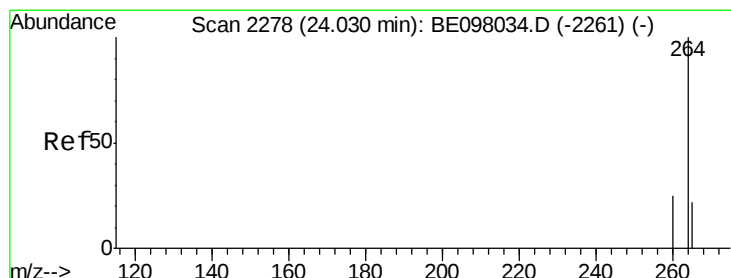
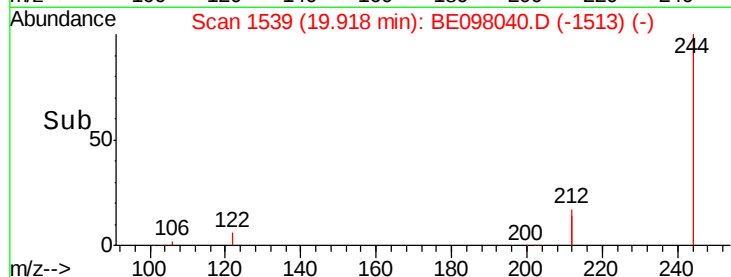
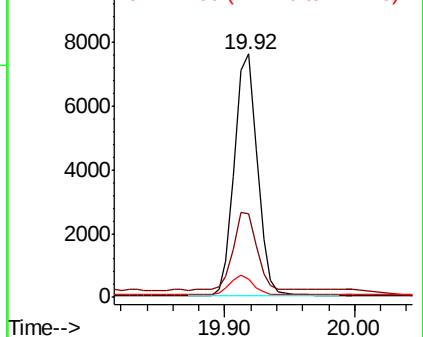
244 100

212 34.5 26.2 39.2

122 7.4 7.7 11.5#



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: 24.03 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE098040.D

Acq: 24 Oct 2018 16:06

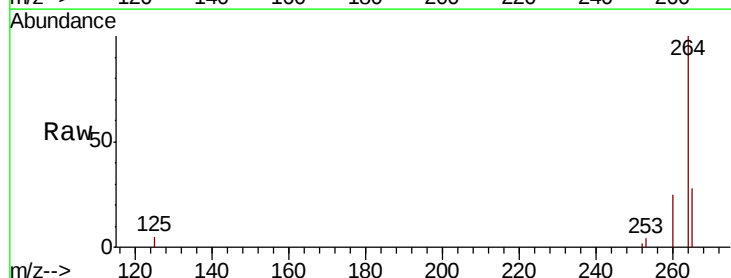
Tgt Ion:264 Resp: 11469

Ion Ratio Lower Upper

264 100

260 25.2 21.1 31.7

265 28.5 29.2 43.8#



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

