

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122618\
 Data File : BE098560.D
 Acq On : 26 Dec 2018 10:46
 Operator : SJ/JU
 Sample : PB115910BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115910BL

Quant Time: Dec 26 12:37:33 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	7.85	152	565	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	2398	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	1793	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5525	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7351	0.40	ng	-0.01
34) Perylene-d12	23.98	264	6412	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	628	0.47	ng	0.00
5) Phenol-d6	7.06	99	733	0.39	ng	0.00
8) Nitrobenzene-d5	9.07	82	567	0.26	ng	0.05
11) 2-Methylnaphthalene-d10	12.27	152	1441	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	250	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	2211	0.29	ng	0.00
25) Fluoranthene-d10	19.30	212	30337	0.43	ng	-0.01
29) Terphenyl-d14	19.89	244	6312	0.35	ng	-0.02

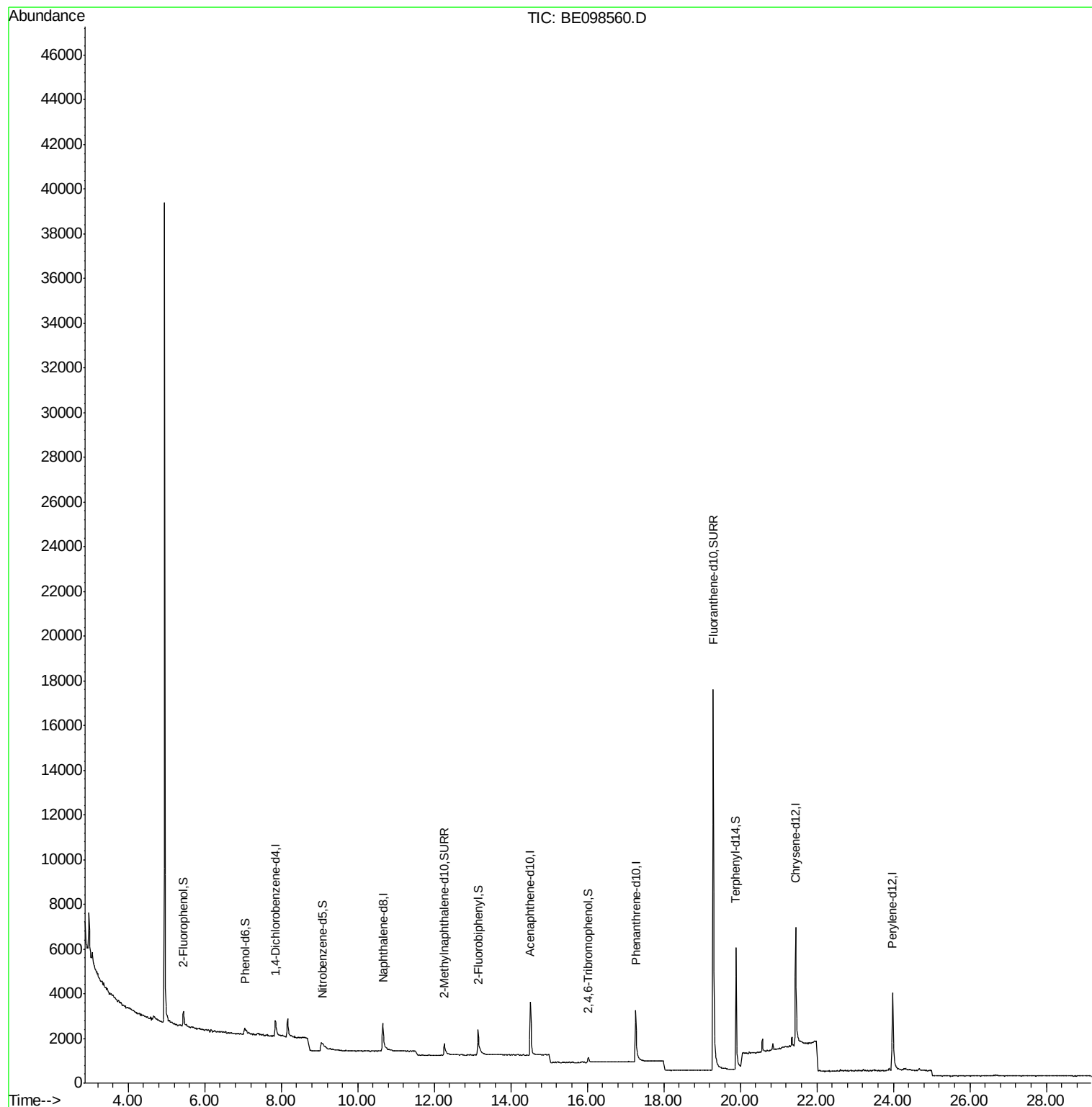
Target Compounds	Qvalue
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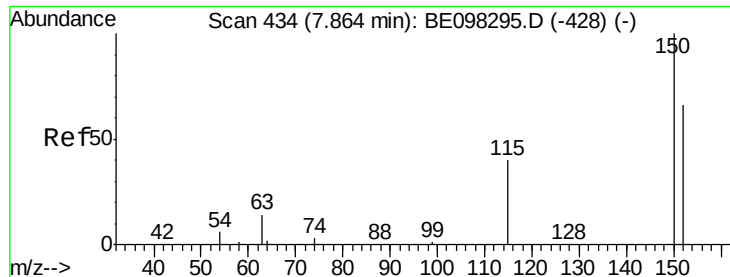
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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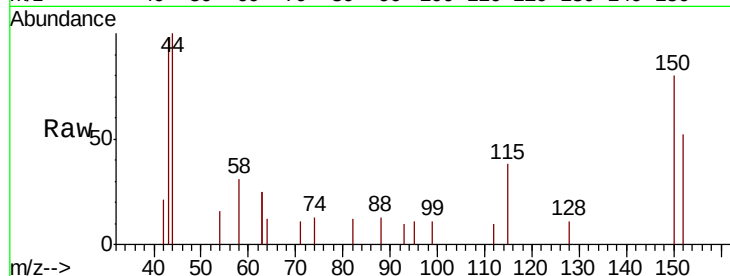


#1

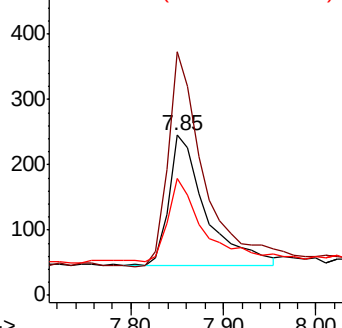
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098560.D
Acq: 26 Dec 2018 10:46

Instrument :
BNA_E
ClientSampleId :
PB115910BL

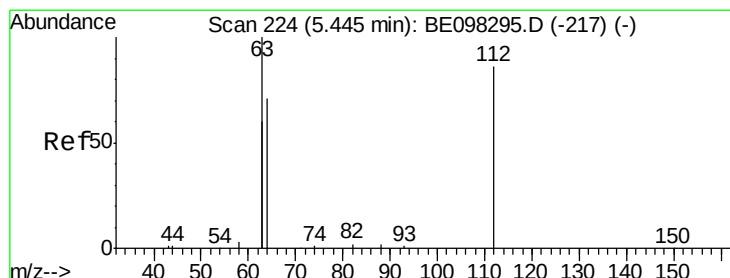
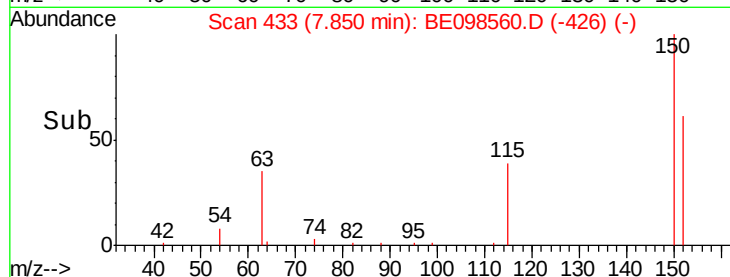
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.2	186.4
115	73.5	53.9	80.9



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



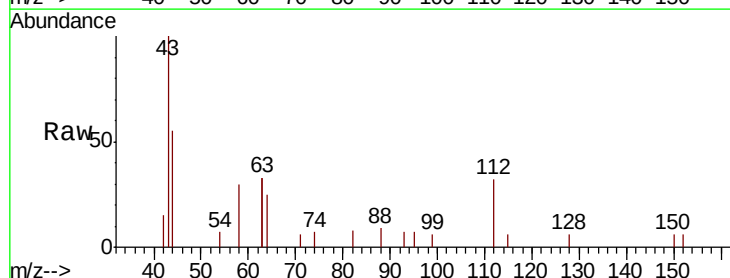
Time-->



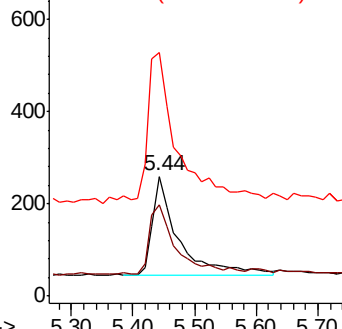
#4

2-Fluorophenol
Concen: 0.475 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098560.D
Acq: 26 Dec 2018 10:46

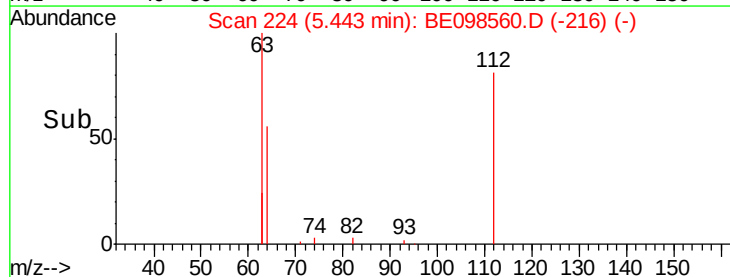
Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.8	89.8
63	163.7	133.7	200.5

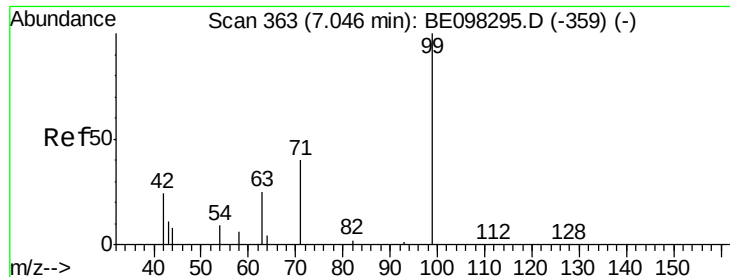


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.391 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098560.D

Acq: 26 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

PB115910BL

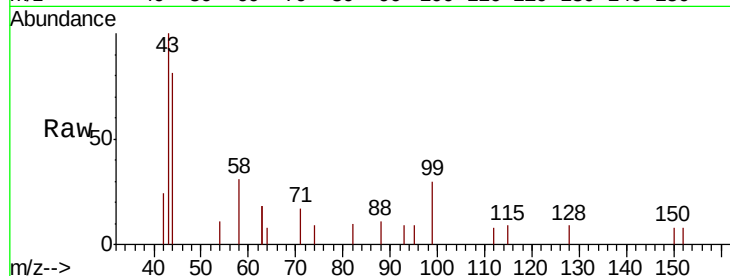
Tot Ion: 99 Resp: 733

Ion Ratio Lower Upper

99 100

42 28.8 26.3 39.5

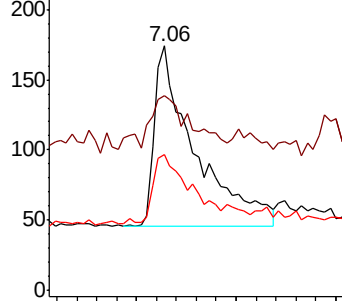
71 33.6 33.6 50.4#



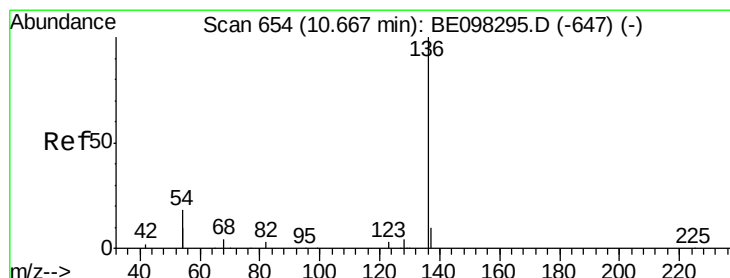
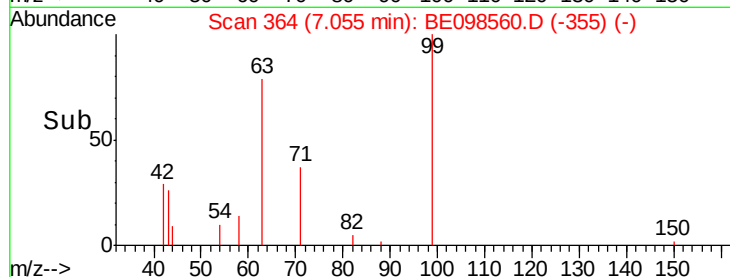
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098560.D

Acq: 26 Dec 2018 10:46

Tgt Ion: 136 Resp: 2398

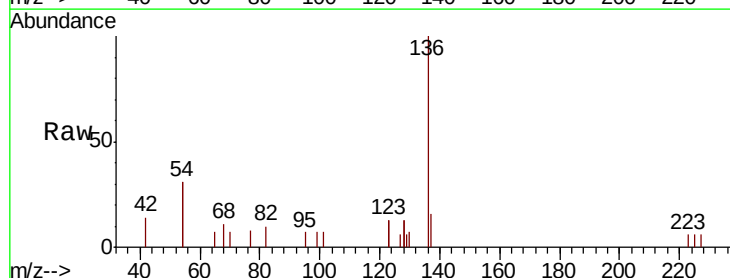
Ion Ratio Lower Upper

136 100

137 16.1 9.2 13.8#

54 61.5 28.4 42.6#

68 11.0 5.4 8.0#

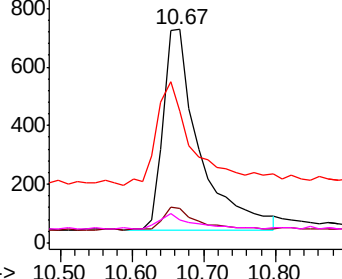


Abundance Ion 136.00 (135.70 to 136.70): E

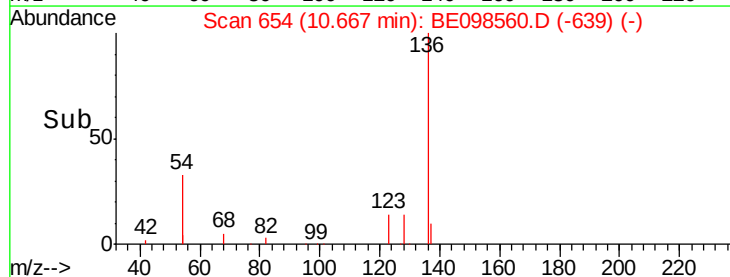
Ion 137.00 (136.70 to 137.70): E

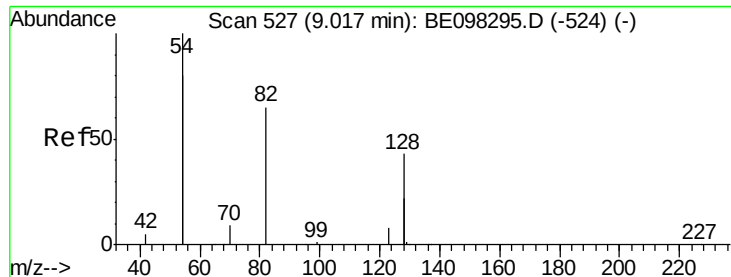
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.260 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098560.D

Acq: 26 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

PB115910BL

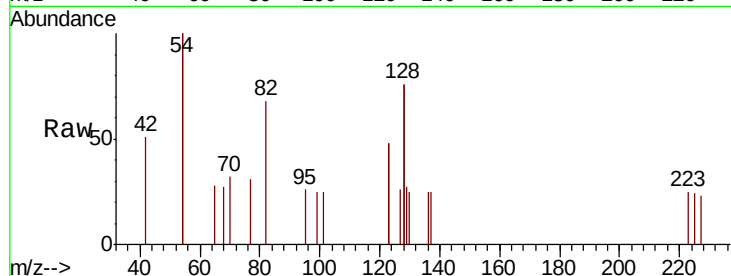
Tot Ion: 82 Resp: 567

Ion Ratio Lower Upper

82 100

128 225.4 102.4 153.6#

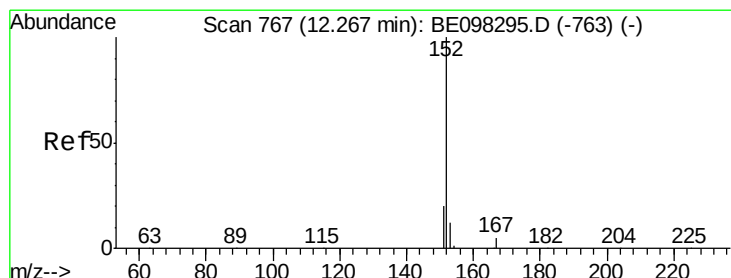
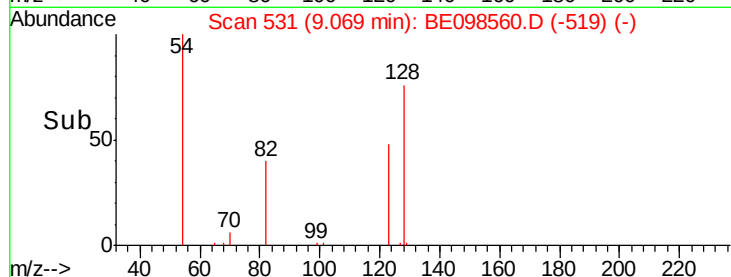
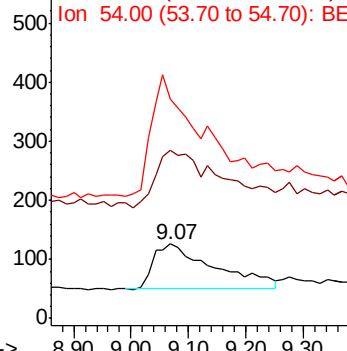
54 295.2 221.8 332.8



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: 0.370 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098560.D

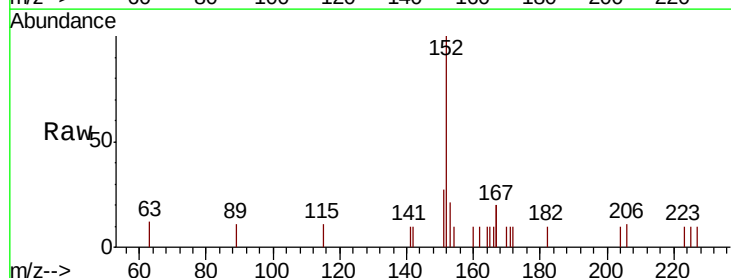
Acq: 26 Dec 2018 10:46

Tgt Ion:152 Resp: 1441

Ion Ratio Lower Upper

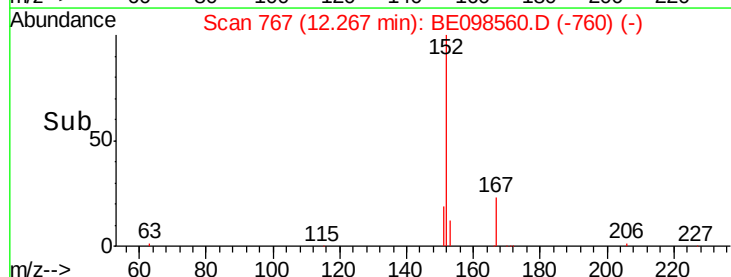
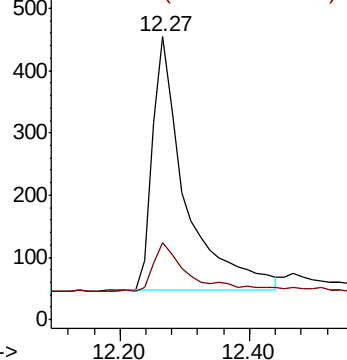
152 100

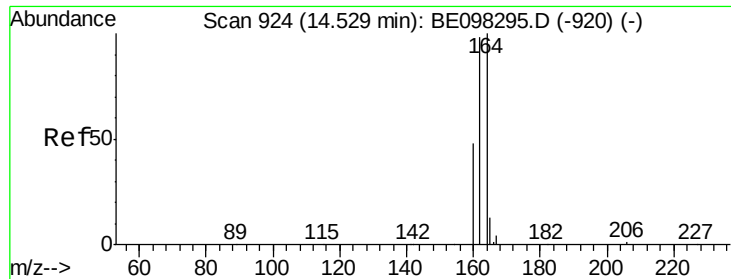
151 20.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

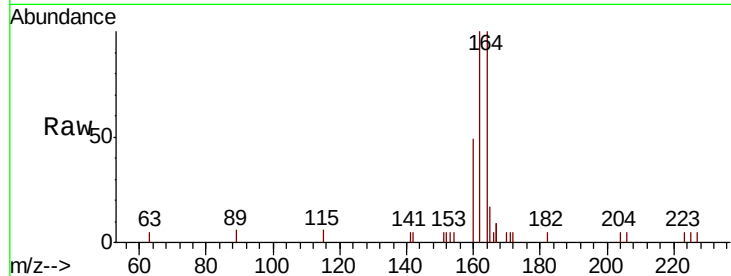




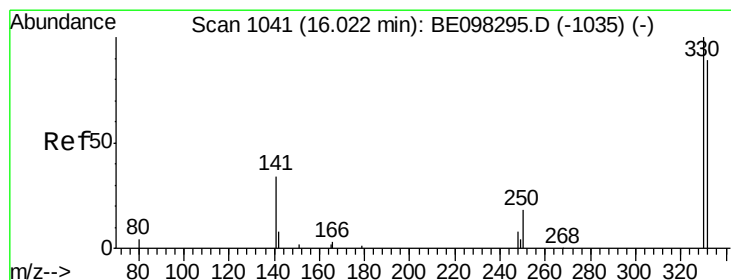
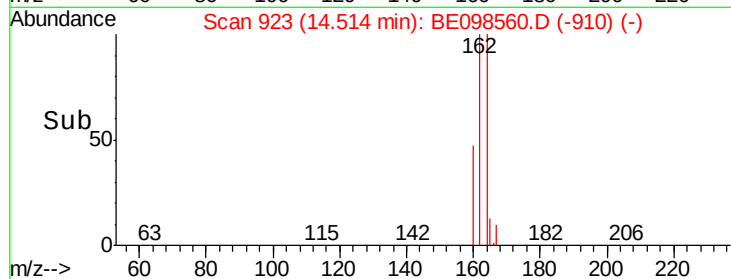
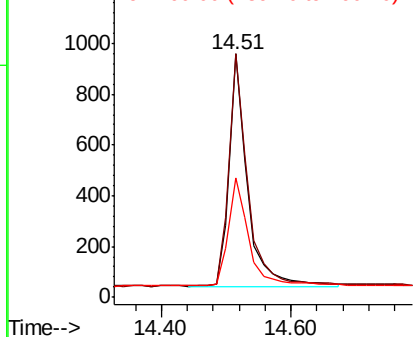
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098560.D
Acq: 26 Dec 2018 10:46

Instrument :
BNA_E
ClientSampleId :
PB115910BL

Tot Ion:164 Resp: 1793
Ion Ratio Lower Upper
164 100
162 100.0 77.6 116.4
160 49.2 36.0 54.0

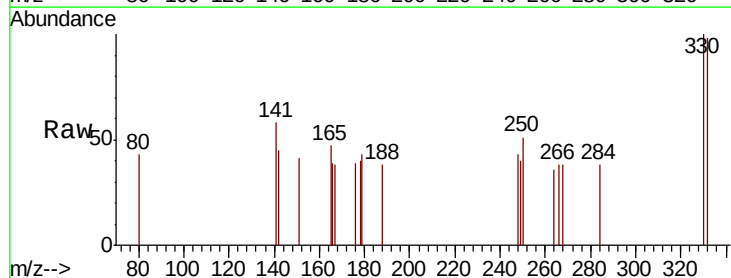


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

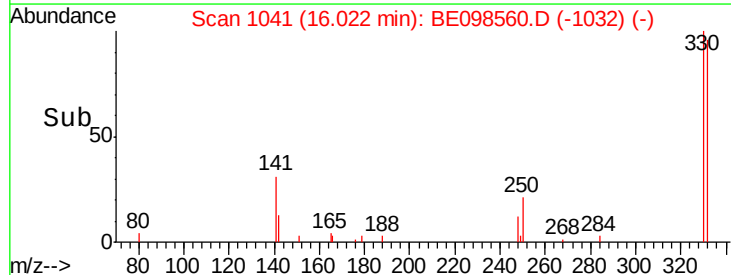
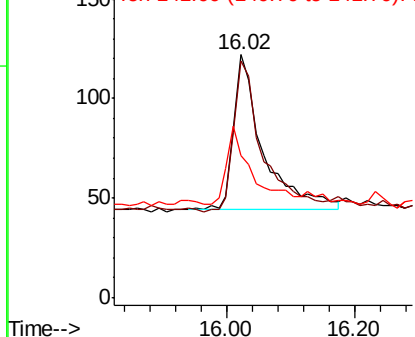


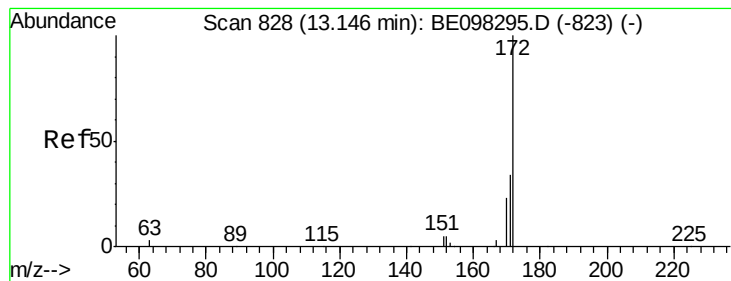
#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098560.D
Acq: 26 Dec 2018 10:46

Tgt Ion:330 Resp: 250
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 42.4 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

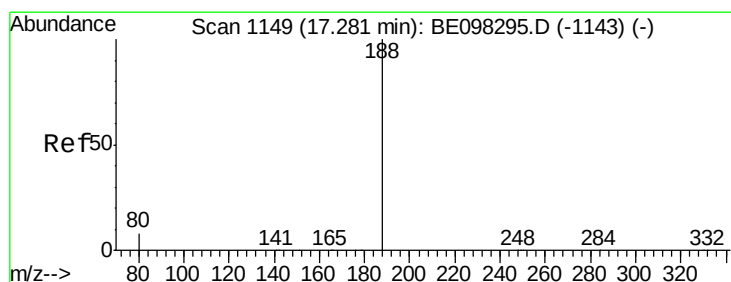
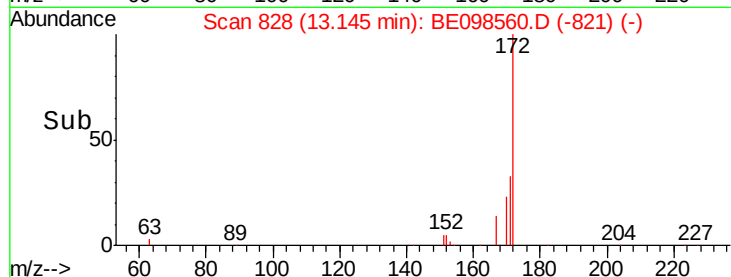
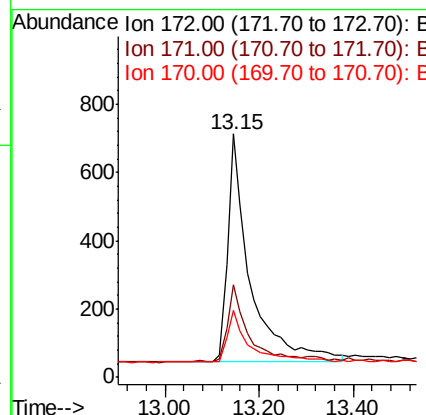
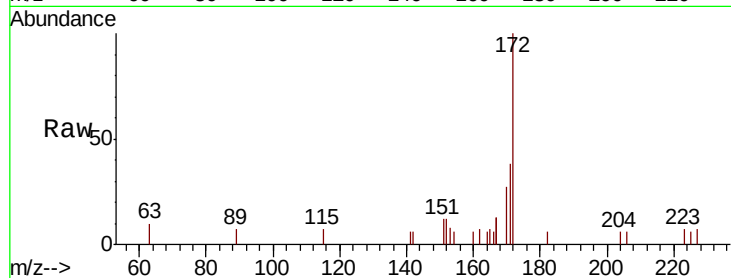




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098560.D
Acq: 26 Dec 2018 10:46

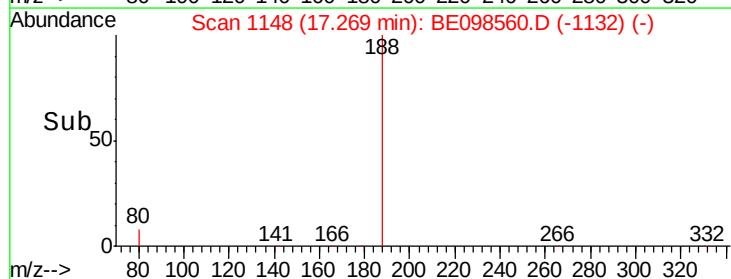
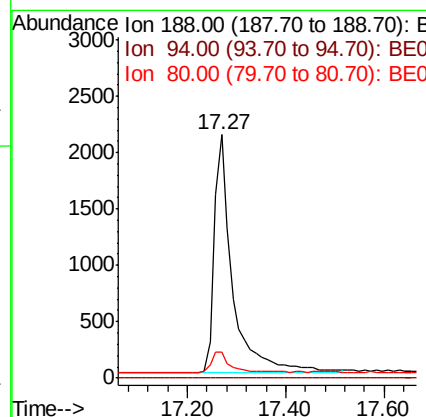
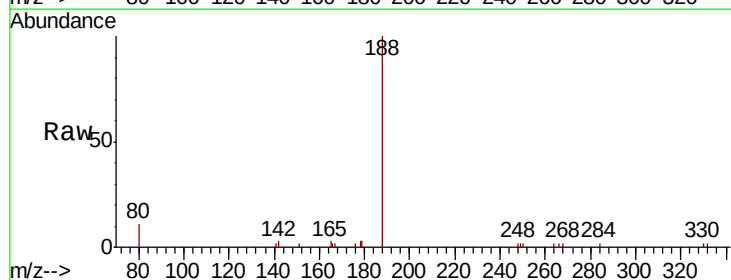
Instrument :
BNA_E
ClientSampleId :
PB115910BL

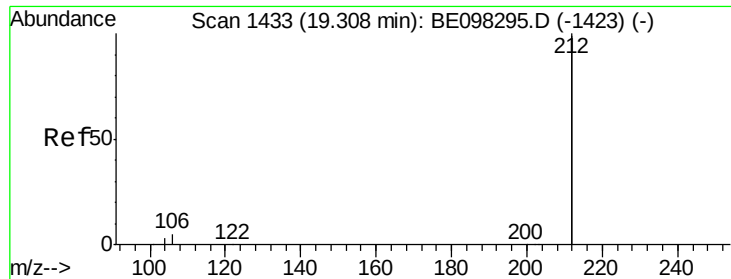
Tot Ion:172 Resp: 2211
Ion Ratio Lower Upper
172 100
171 38.0 27.5 41.3
170 27.5 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098560.D
Acq: 26 Dec 2018 10:46

Tgt Ion:188 Resp: 5525
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.2 10.8





#25

Fluoranthene-d10

Concen: 0.428 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098560.D

Acq: 26 Dec 2018 10:46

Instrument :

BNA_E

ClientSampleId :

PB115910BL

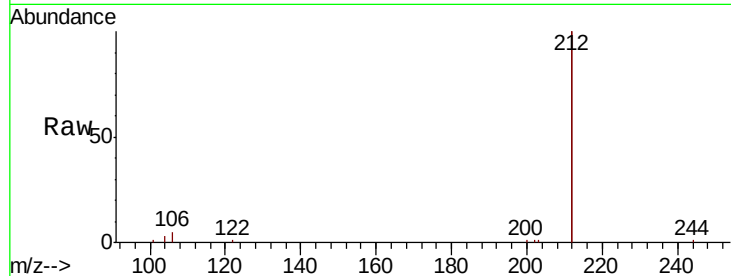
Tot Ion:212 Resp: 30337

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

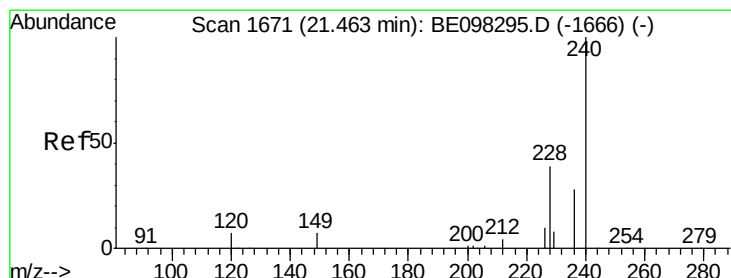
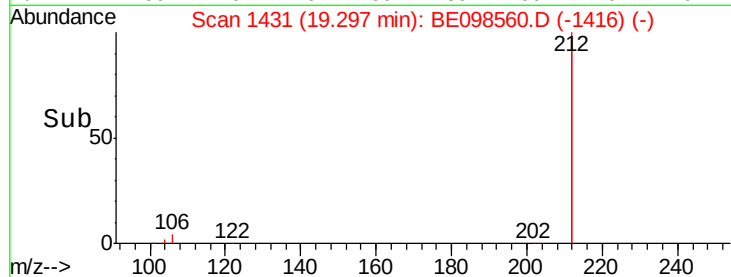
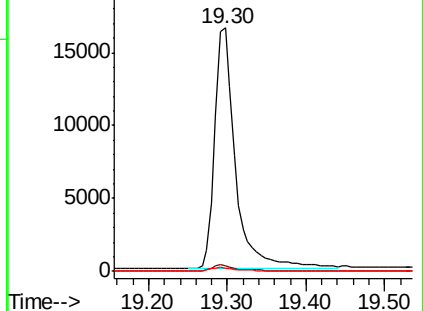
104 1.3 1.3 1.9



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098560.D

Acq: 26 Dec 2018 10:46

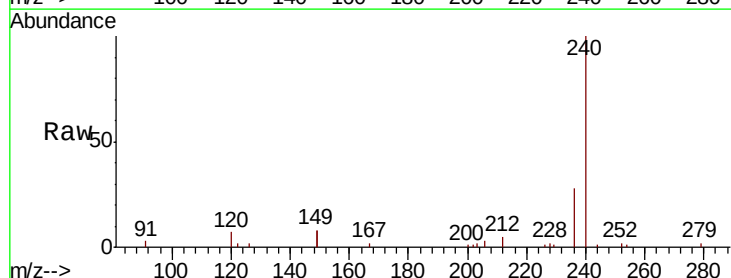
Tgt Ion:240 Resp: 7351

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

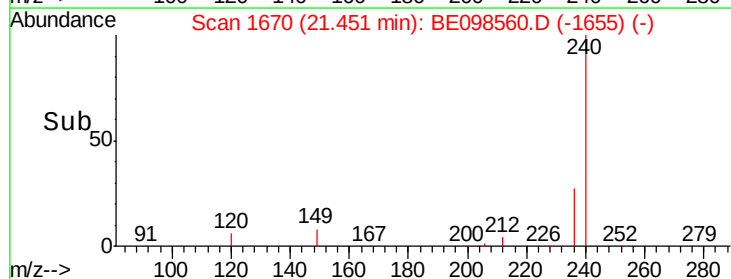
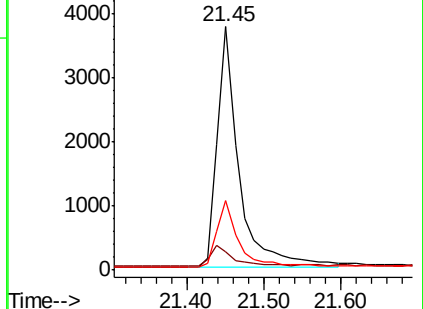
236 28.3 22.7 34.1

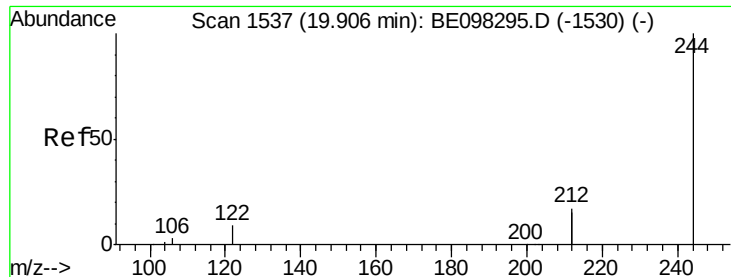


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098560.D

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Instrument :

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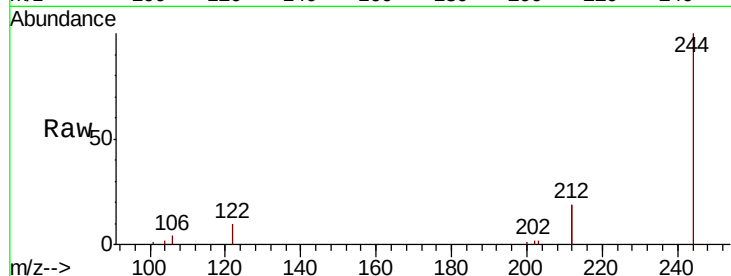
Tot Ion:244 Resp: 6312

Ion Ratio Lower Upper

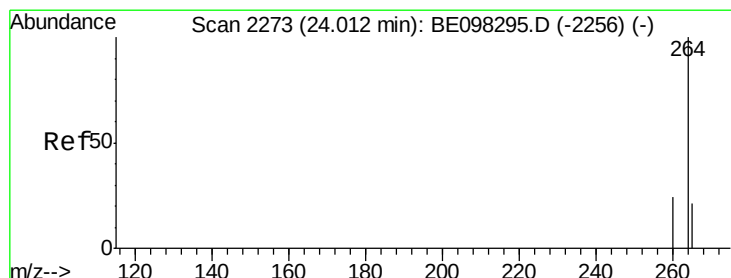
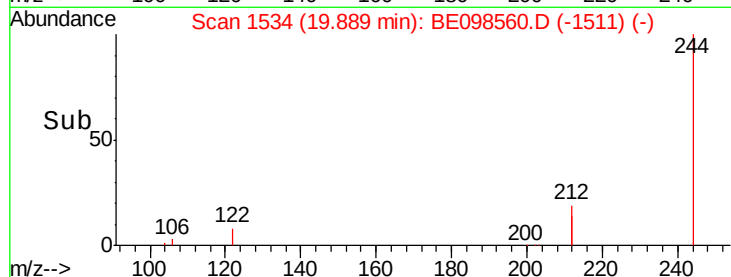
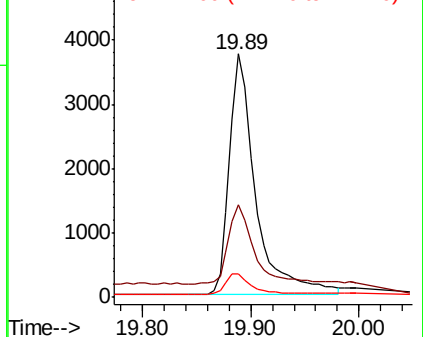
244 100

212 38.1 27.4 41.0

122 9.6 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: 23.98 min Scan# 2265

Delta R.T. -0.03 min

Lab File: BE098560.D

Acq: 26 Dec 2018 10:46

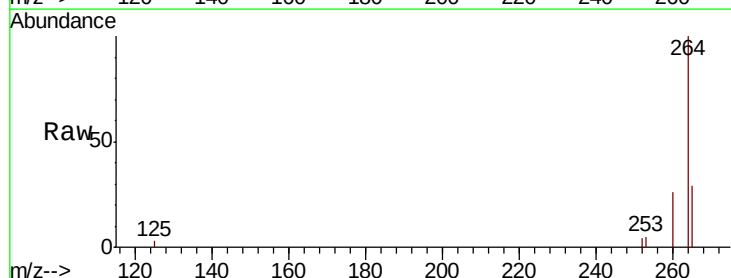
Tgt Ion:264 Resp: 6412

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 28.7 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

