

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097988.D
 Acq On : 19 Oct 2018 11:34
 Operator : SJ/JU
 Sample : PB113752BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113752BL

Quant Time: Oct 19 23:39:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2423	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	9986	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6182	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	17339	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	23764	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24101	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	2538	0.33	ng	0.00
5) Phenol-d6	7.05	99	3443	0.30	ng	-0.01
8) Nitrobenzene-d5	9.04	82	2769	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4868	0.29	ng	-0.02
14) 2,4,6-Tribromophenol	16.05	330	956	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	7366	0.29	ng	-0.02
25) Fluoranthene-d10	19.33	212	76497	0.33	ng	0.00
29) Terphenyl-d14	19.92	244	20855	0.38	ng	-0.01

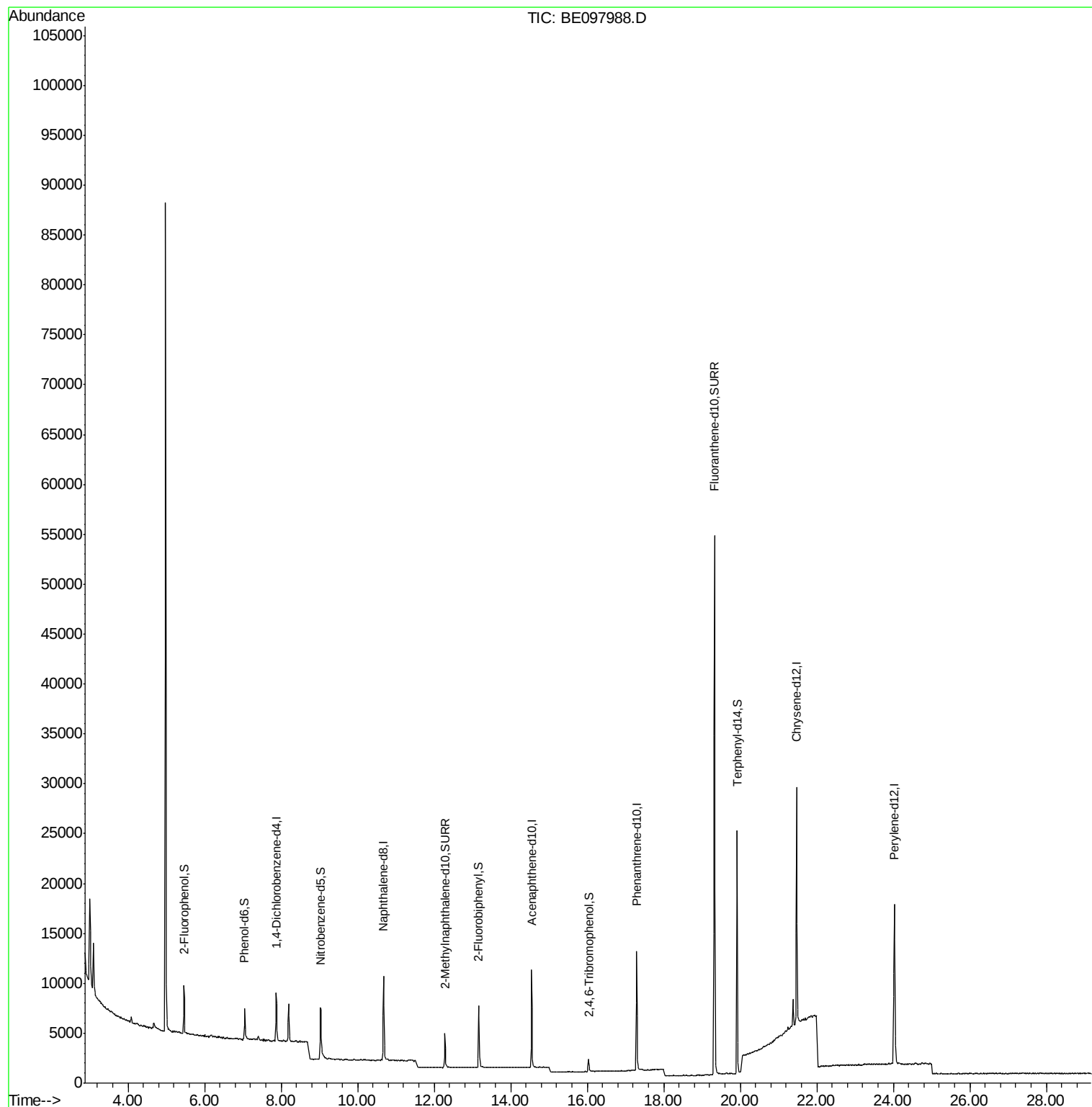
Target Compounds	Qvalue
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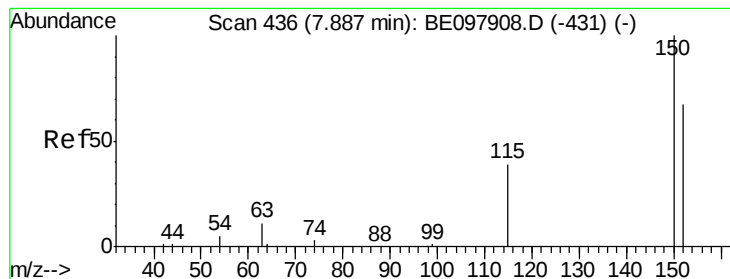
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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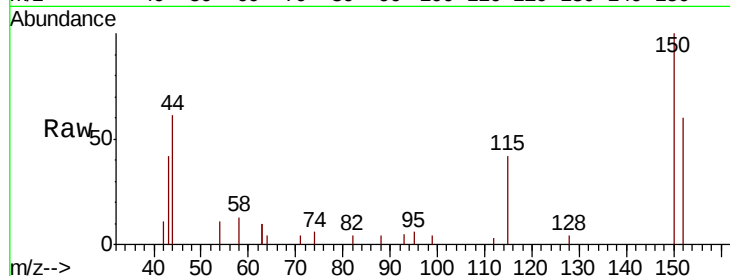


#1

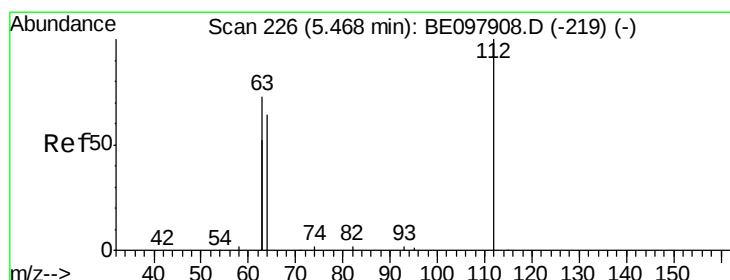
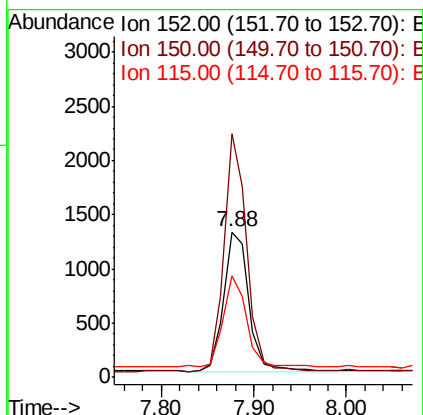
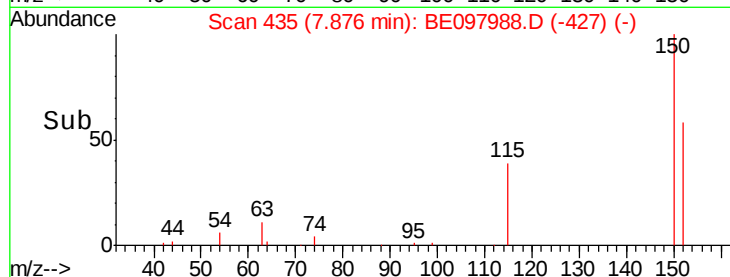
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097988.D
Acq: 19 Oct 2018 11:34

Instrument :
BNA_E
ClientSampleId :
PB113752BL

Tot Ion:152 Resp: 2423
Ion Ratio Lower Upper
152 100
150 167.9 118.2 177.4
115 70.1 50.9 76.3



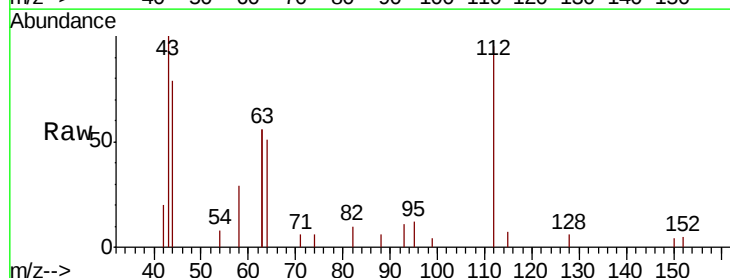
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



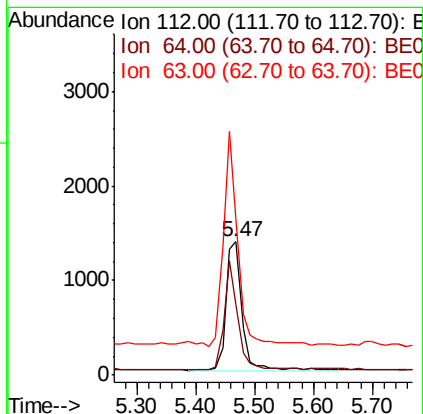
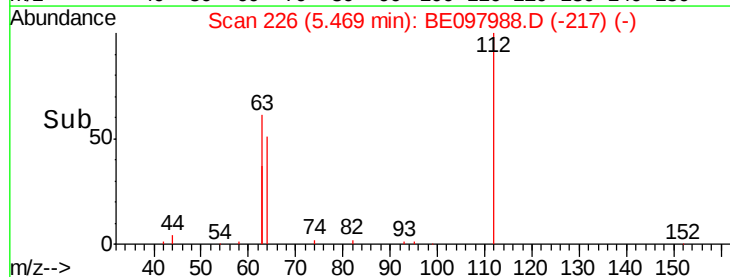
#4

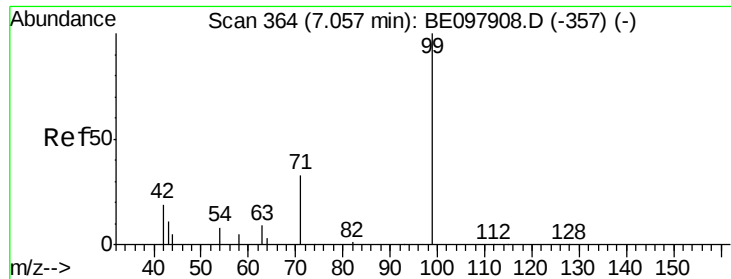
2-Fluorophenol
Concen: 0.332 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097988.D
Acq: 19 Oct 2018 11:34

Tgt Ion:112 Resp: 2538
Ion Ratio Lower Upper
112 100
64 72.4 58.9 88.3
63 152.8 120.3 180.5



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: 0.305 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

Instrument :

BNA_E

ClientSampleId :

PB113752BL

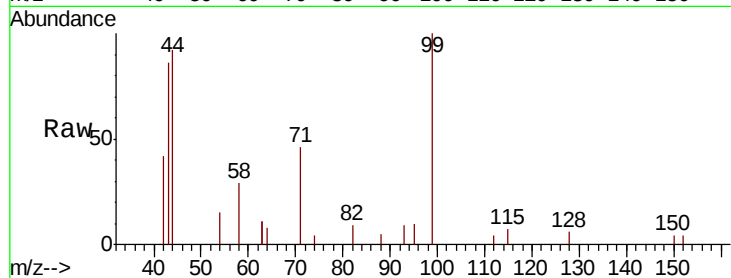
Tot Ion: 99 Resp: 3443

Ion Ratio Lower Upper

99 100

42 26.3 19.9 29.9

71 38.5 27.8 41.8

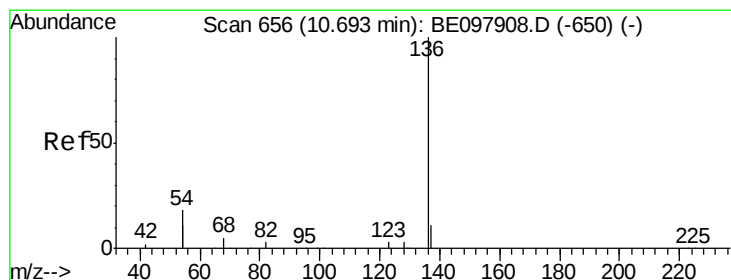
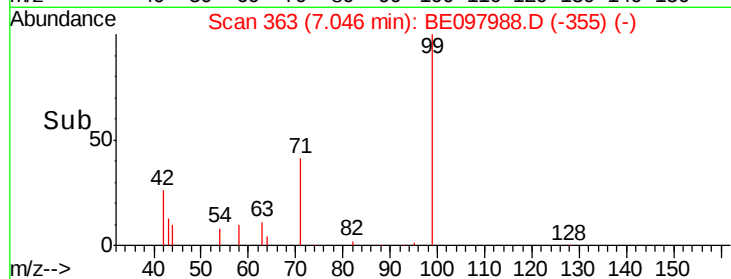
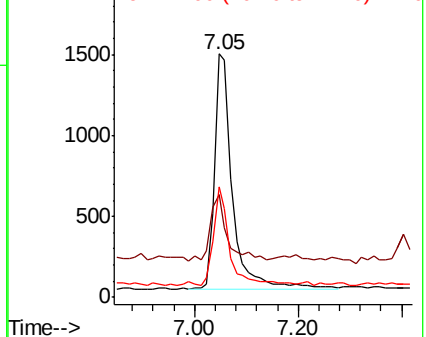


Abundance

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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

Tgt Ion: 136 Resp: 9986

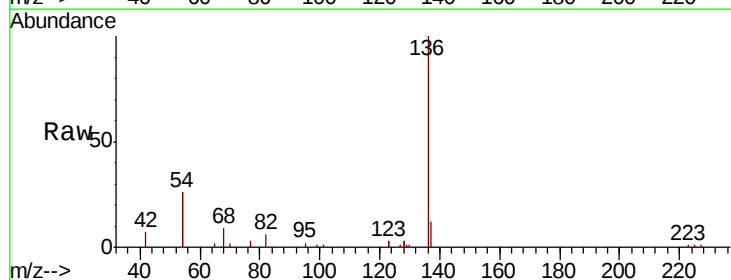
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 51.2 27.7 41.5#

68 8.8 5.3 7.9#



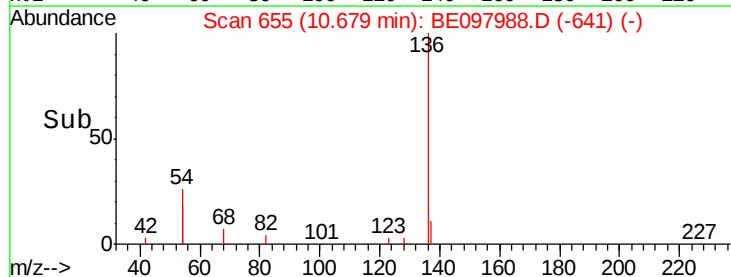
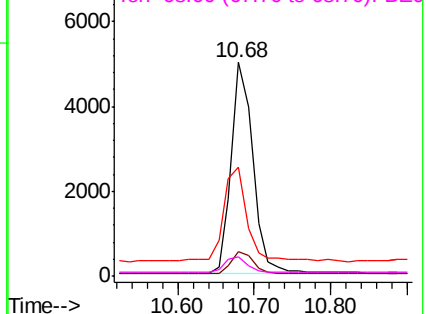
Abundance

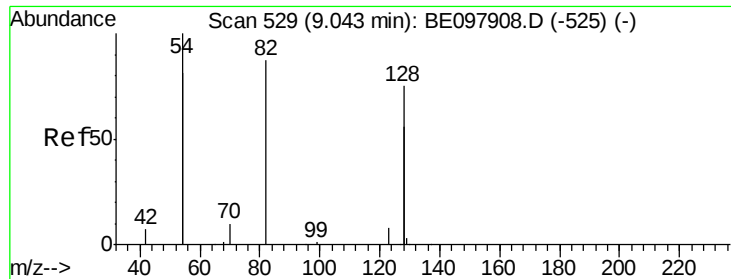
Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.293 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

Instrument :

BNA_E

ClientSampleId :

PB113752BL

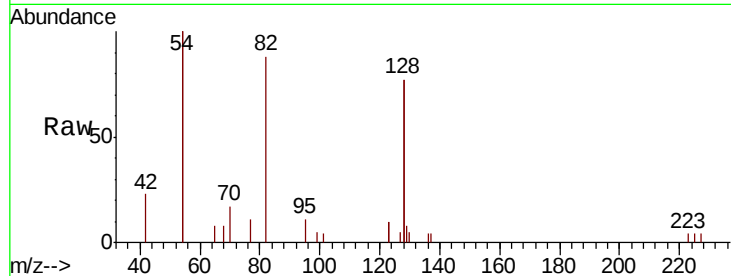
Tot Ion: 82 Resp: 2769

Ion Ratio Lower Upper

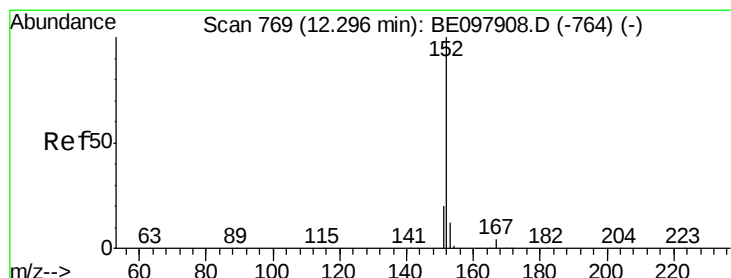
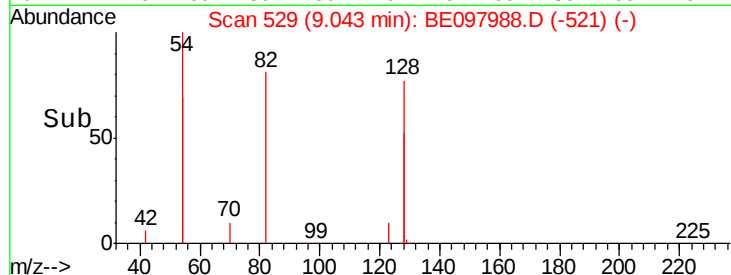
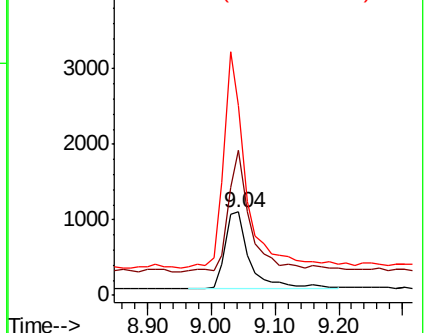
82 100

128 174.1 129.9 194.9

54 226.9 174.0 261.0



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: 0.293 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097988.D

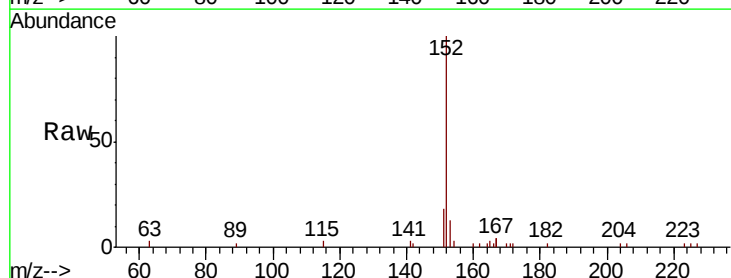
Acq: 19 Oct 2018 11:34

Tgt Ion: 152 Resp: 4868

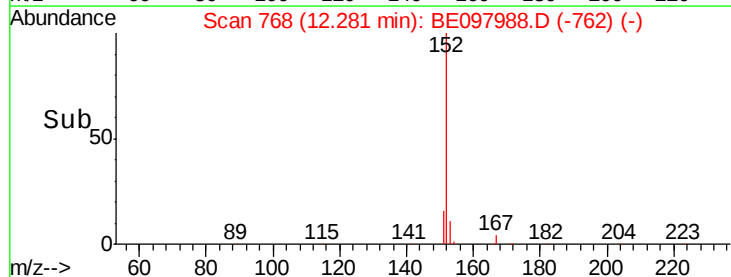
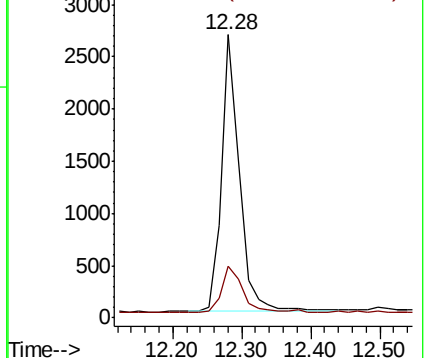
Ion Ratio Lower Upper

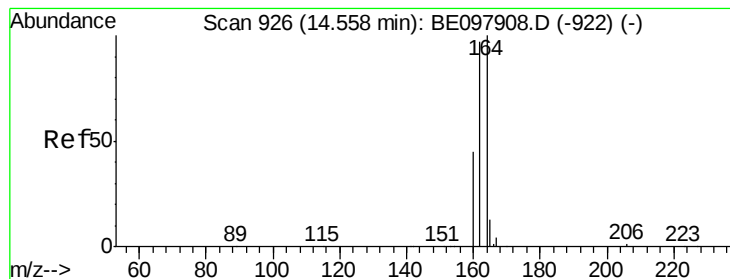
152 100

151 19.0 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. -0.02 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

Instrument :

BNA_E

ClientSampleId :

PB113752BL

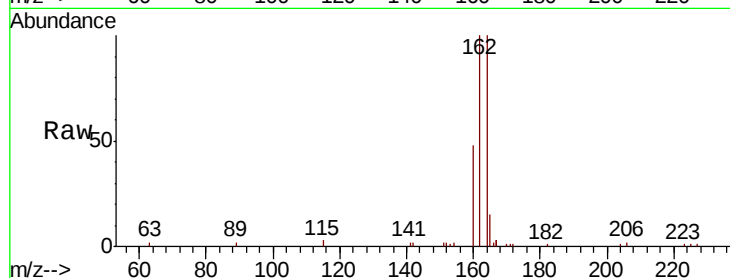
Tot Ion:164 Resp: 6182

Ion Ratio Lower Upper

164 100

162 99.8 77.4 116.2

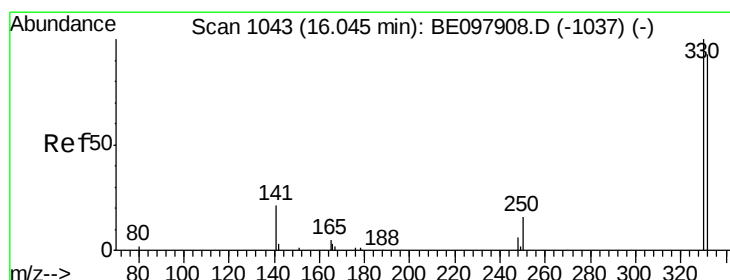
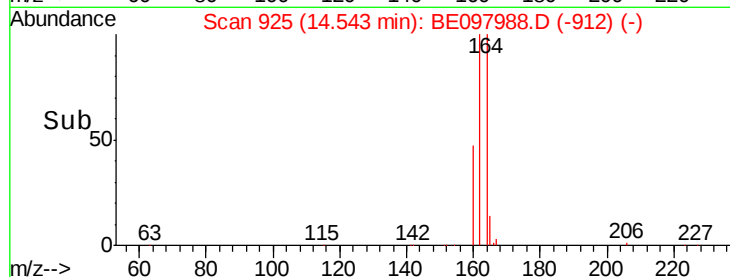
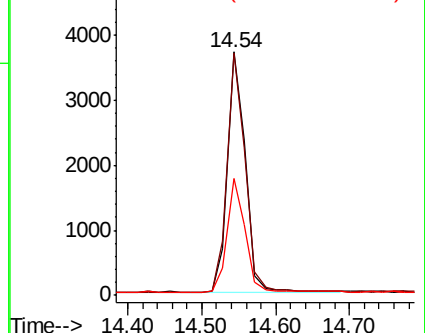
160 48.1 36.5 54.7



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: 0.288 ng

RT: 16.05 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

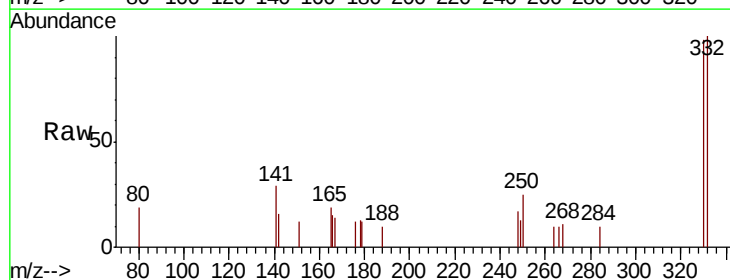
Tgt Ion:330 Resp: 956

Ion Ratio Lower Upper

330 100

332 98.3 76.5 114.7

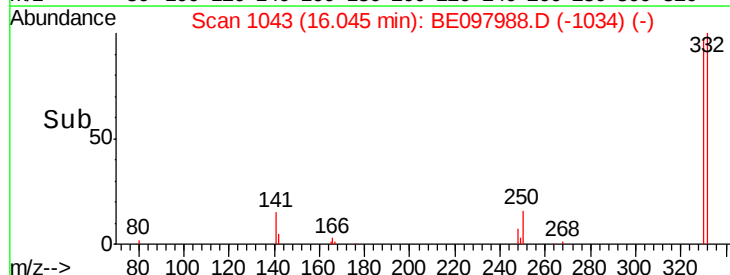
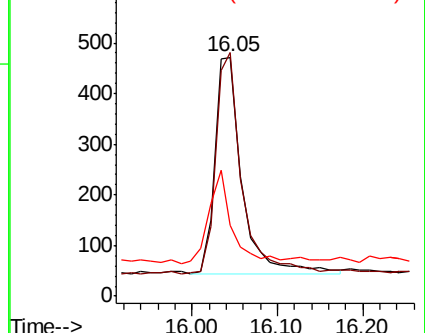
141 36.8 31.8 47.6

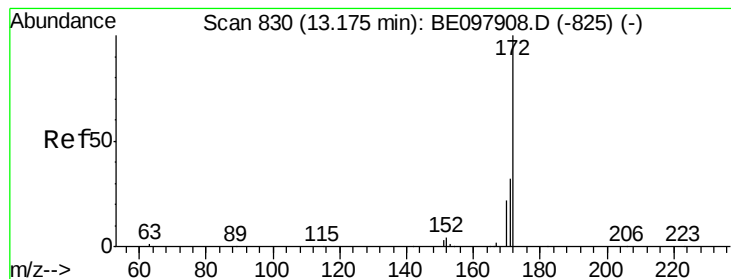


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

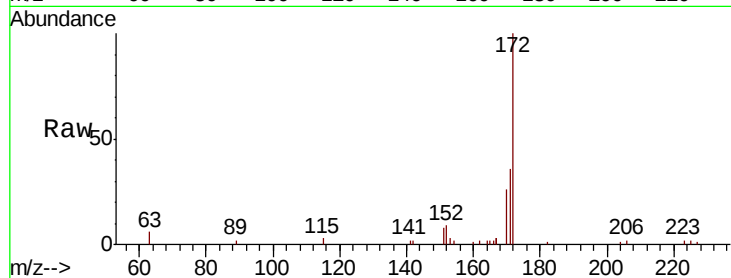




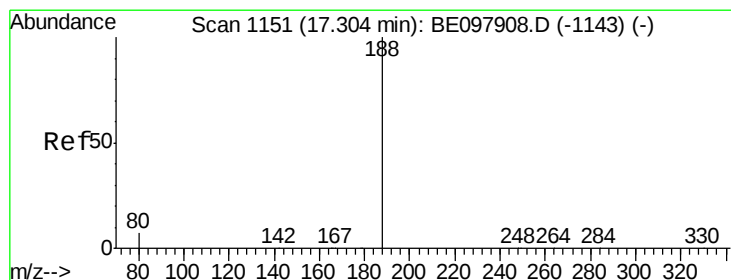
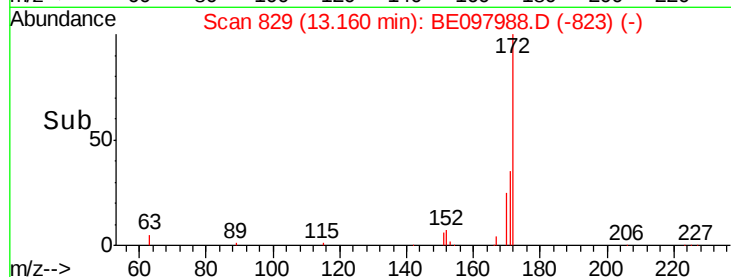
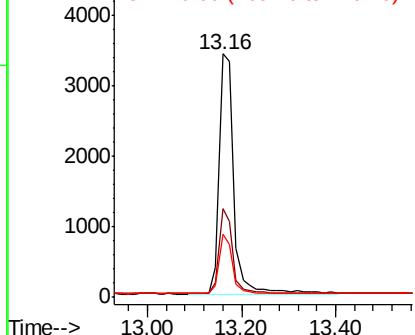
#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.02 min
Lab File: BE097988.D
Acq: 19 Oct 2018 11:34

Instrument :
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ClientSampleId :
PB113752BL

Tot Ion:172 Resp: 7366
Ion Ratio Lower Upper
172 100
171 36.5 26.0 39.0
170 26.1 18.0 27.0

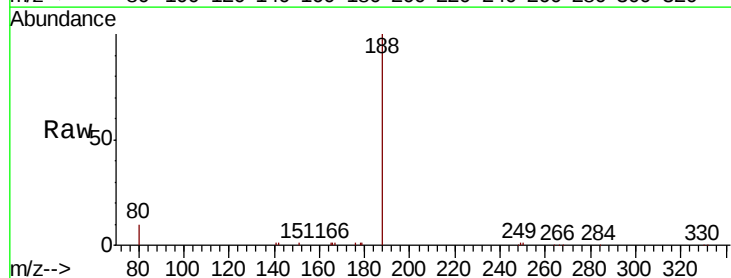


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

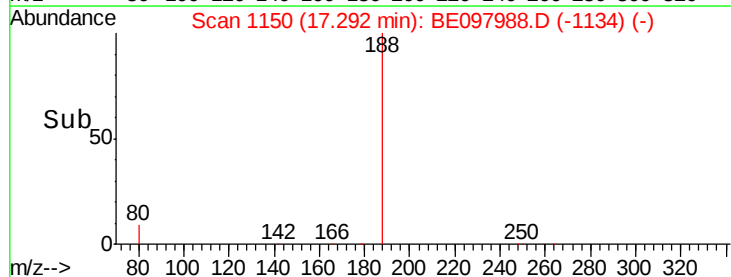
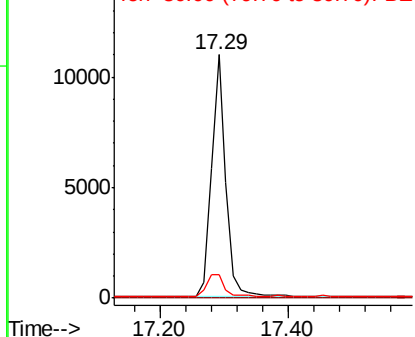


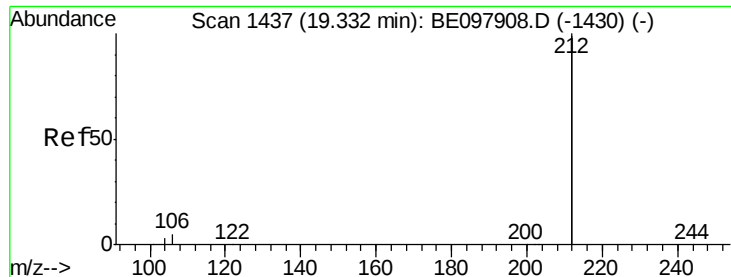
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097988.D
Acq: 19 Oct 2018 11:34

Tgt Ion:188 Resp: 17339
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 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: 0.326 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

Instrument :

BNA_E

ClientSampleId :

PB113752BL

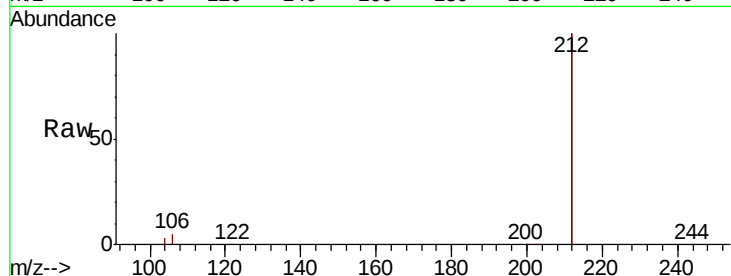
Tot Ion:212 Resp: 76497

Ion Ratio Lower Upper

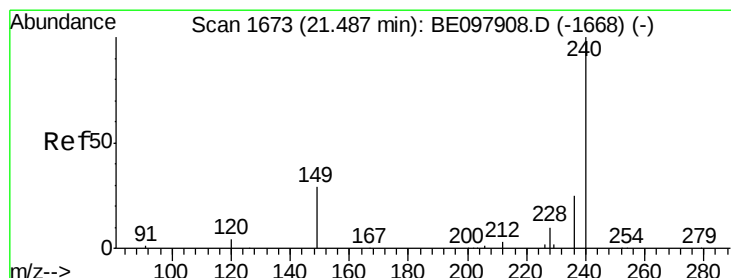
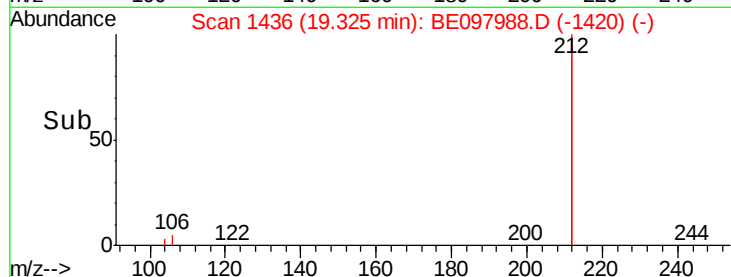
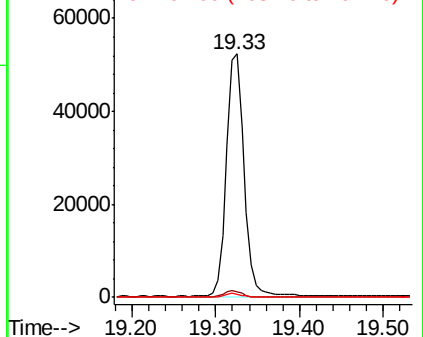
212 100

106 2.7 2.3 3.5

104 1.5 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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

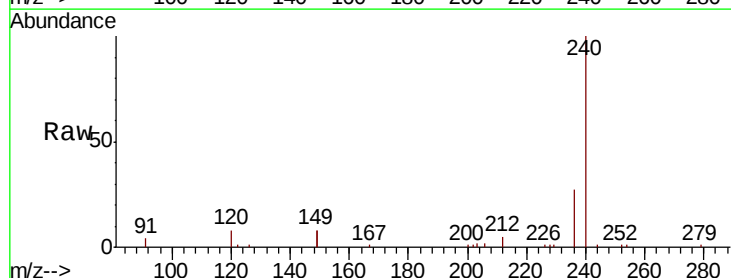
Tgt Ion:240 Resp: 23764

Ion Ratio Lower Upper

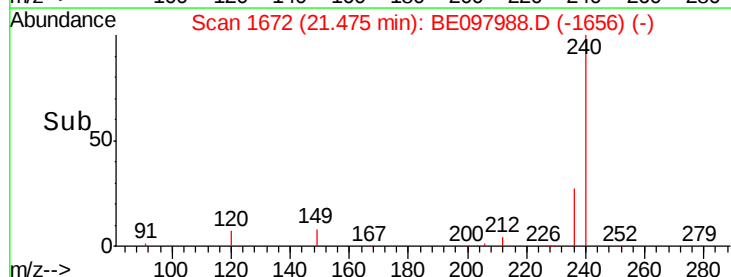
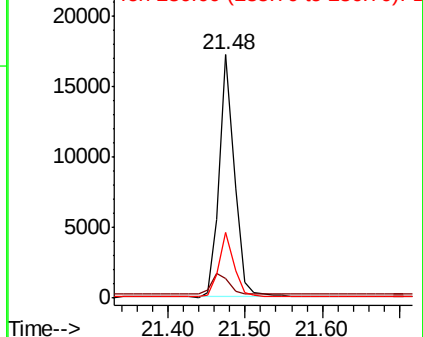
240 100

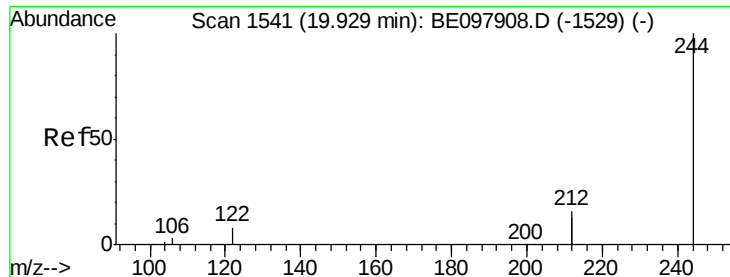
120 8.2 7.1 10.7

236 27.2 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: 0.383 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

Instrument :

BNA_E

ClientSampleId :

PB113752BL

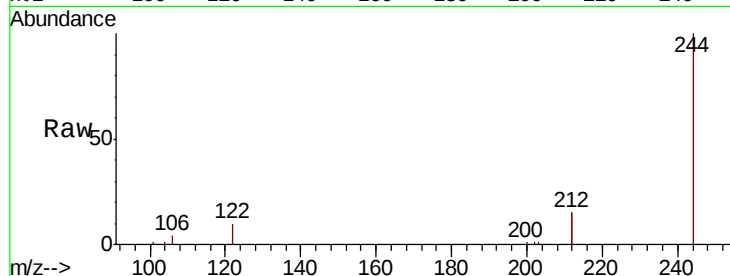
Tot Ion:244 Resp: 20855

Ion Ratio Lower Upper

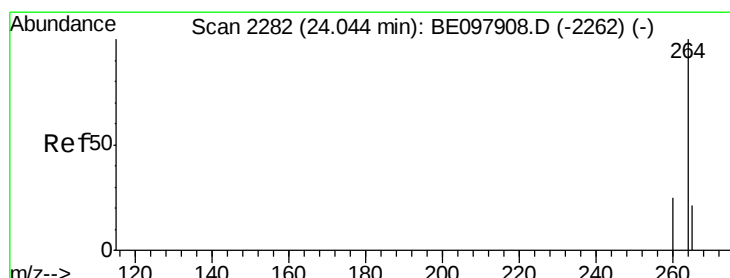
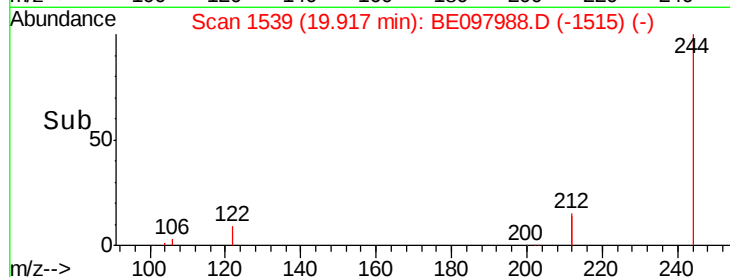
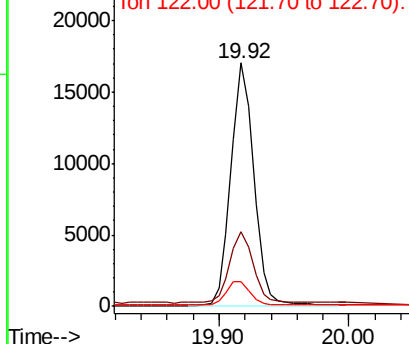
244 100

212 30.9 26.2 39.2

122 10.0 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. -0.02 min

Lab File: BE097988.D

Acq: 19 Oct 2018 11:34

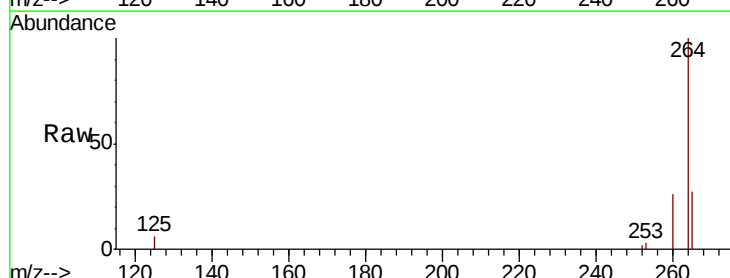
Tgt Ion:264 Resp: 24101

Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

265 27.0 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

