

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097925.D
 Acq On : 17 Oct 2018 00:23
 Operator : SJ/JU
 Sample : J5317-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D3-20181004

Quant Time: Oct 17 08:21:20 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	1969	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8600	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5928	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	19205	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	27690	0.40	ng	-0.01
34) Perylene-d12	24.03	264	22269	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1228	0.20	ng	0.00
5) Phenol-d6	7.06	99	1086	0.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	3151	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5487	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1258	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	10495	0.43	ng	0.00
25) Fluoranthene-d10	19.33	212	116739	0.45	ng	0.00
29) Terphenyl-d14	19.92	244	32626	0.51	ng	0.00

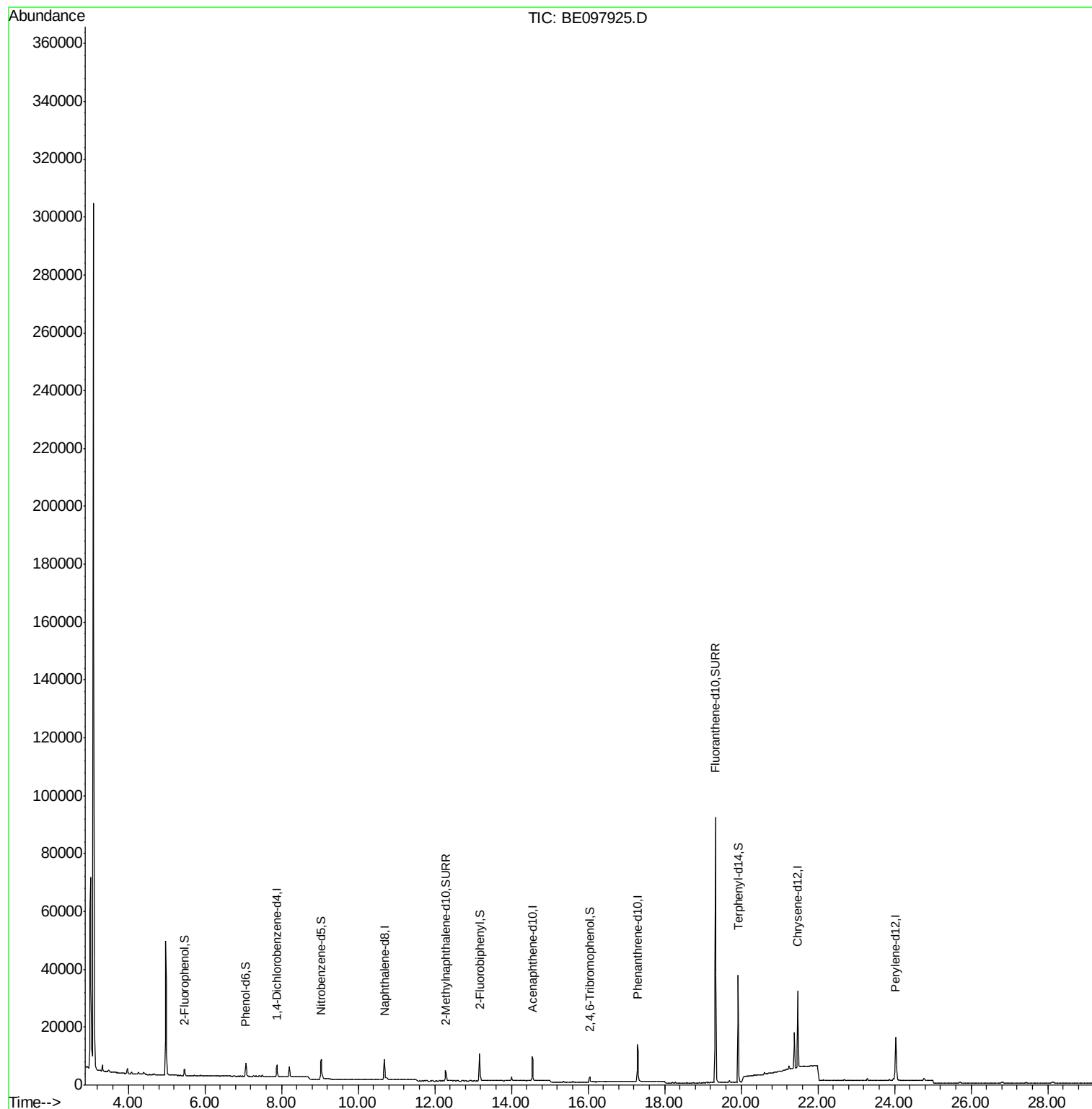
Target Compounds	Qvalue
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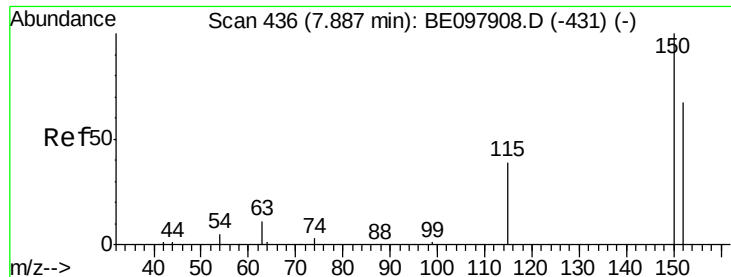
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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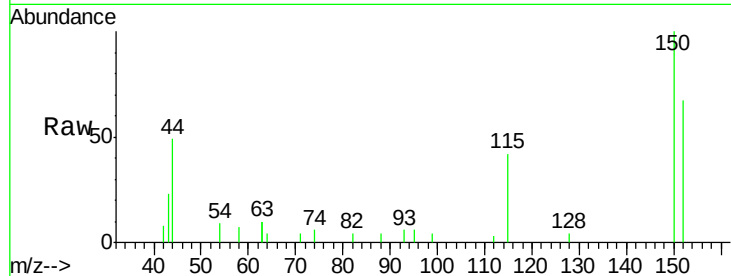


#1

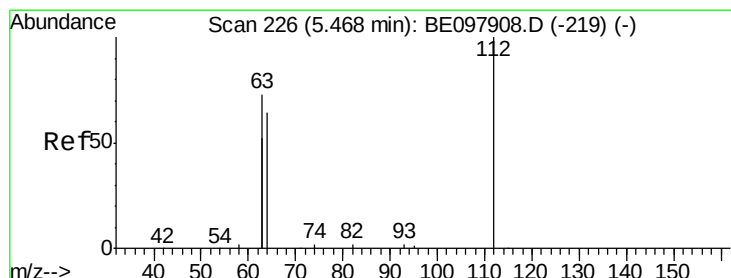
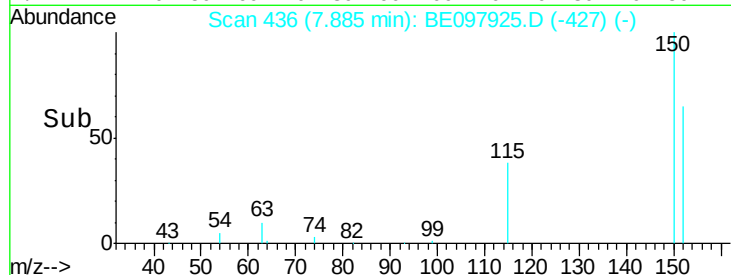
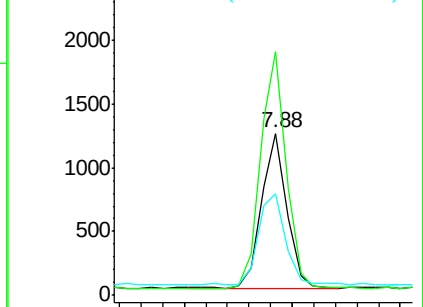
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097925.D
Acq: 17 Oct 2018 00:23

Instrument :
BNA_E
ClientSampleId :
RE-122D3-20181004

Tgt Ion:152 Resp: 1969
Ion Ratio Lower Upper
152 100
150 150.3 118.2 177.4
115 62.9 50.9 76.3



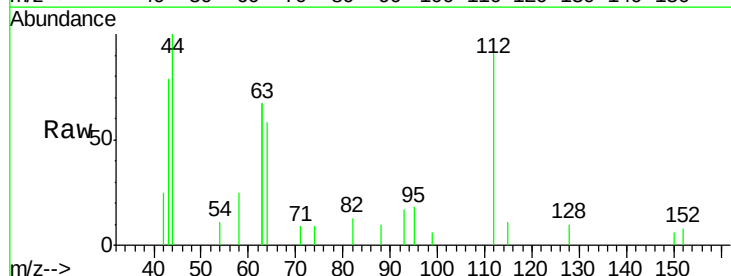
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



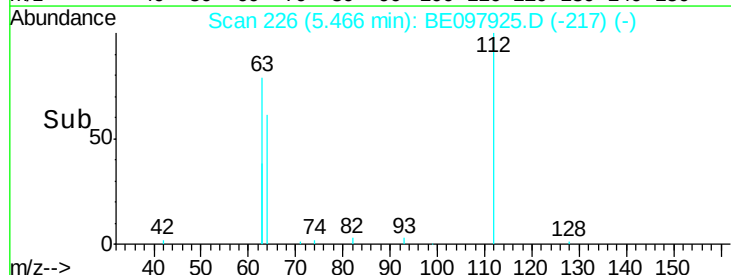
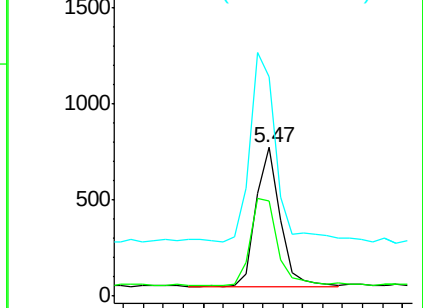
#4

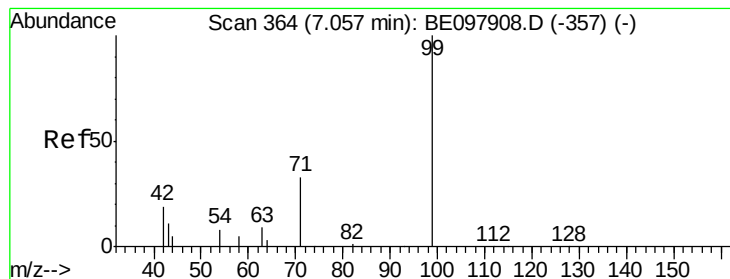
2-Fluorophenol
Concen: 0.198 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097925.D
Acq: 17 Oct 2018 00:23

Tgt Ion:112 Resp: 1228
Ion Ratio Lower Upper
112 100
64 70.3 58.9 88.3
63 143.9 120.3 180.5



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: 0.118 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181004

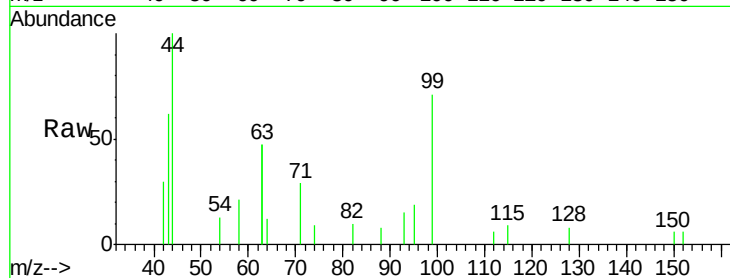
Tgt Ion: 99 Resp: 1086

Ion Ratio Lower Upper

99 100

42 46.7 19.9 29.9#

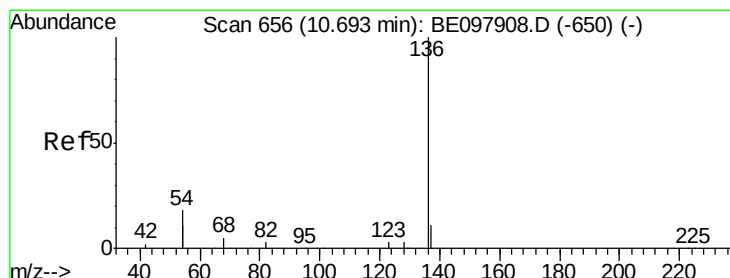
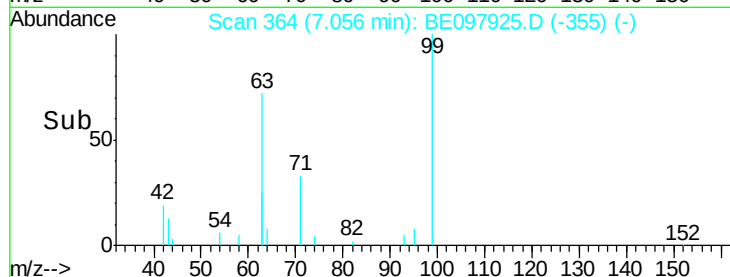
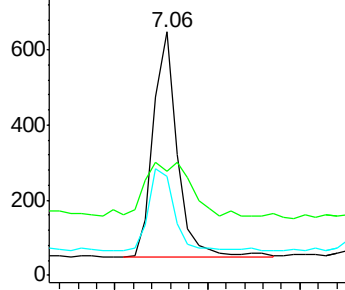
71 38.9 27.8 41.8



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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

Tgt Ion: 136 Resp: 8600

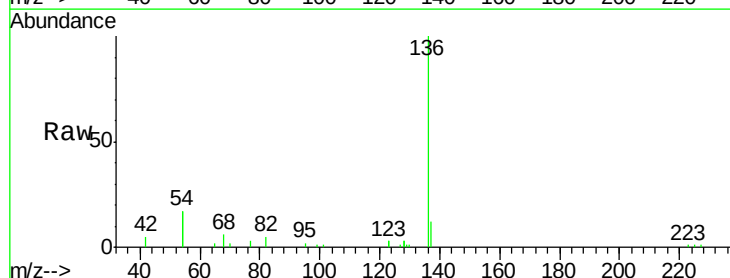
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 33.7 27.7 41.5

68 6.4 5.3 7.9

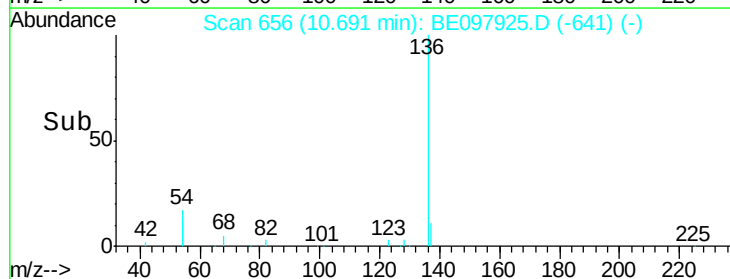
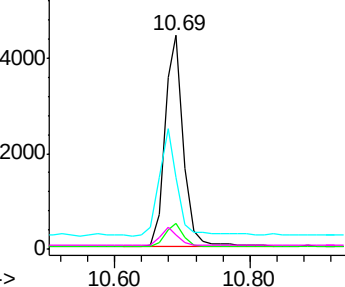


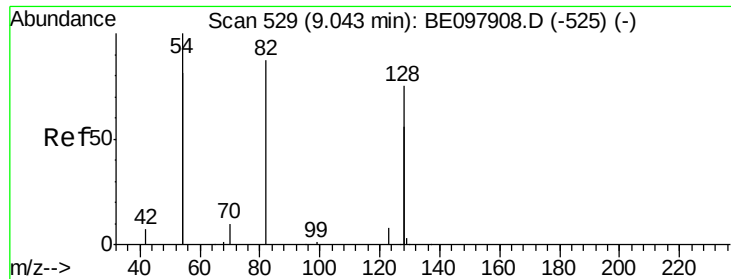
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181004

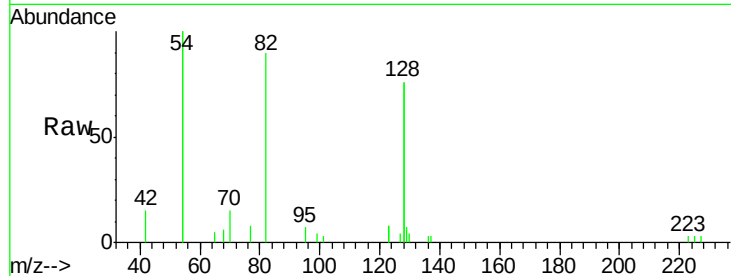
Tgt Ion: 82 Resp: 3151

Ion Ratio Lower Upper

82 100

128 168.8 129.9 194.9

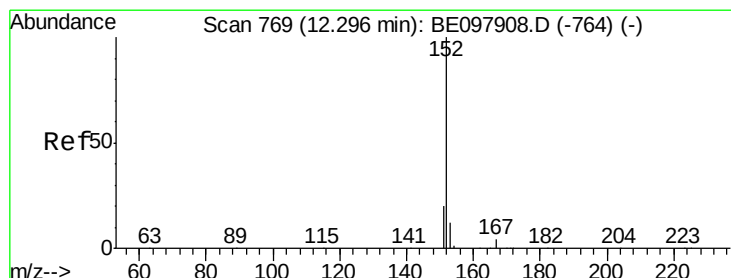
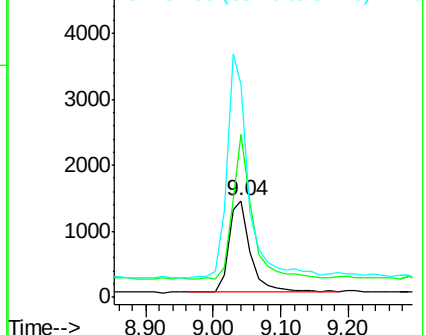
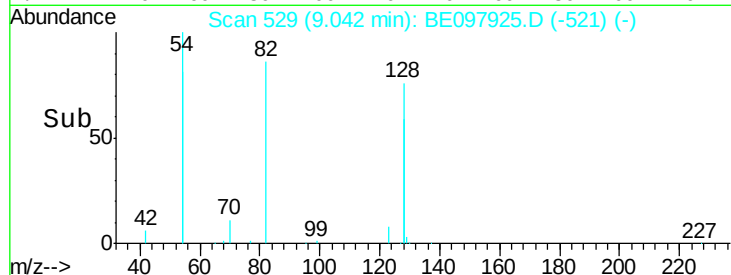
54 221.1 174.0 261.0



Abundance Ion 82.00 (81.70 to 82.70): BE097925.D (-521) (-)

Ion 128.00 (127.70 to 128.70): BE097925.D (-521) (-)

Ion 54.00 (53.70 to 54.70): BE097925.D (-521) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097925.D

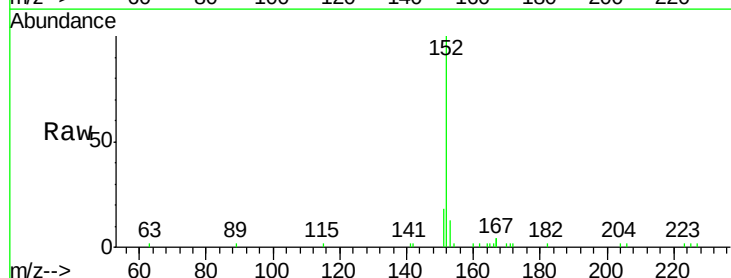
Acq: 17 Oct 2018 00:23

Tgt Ion: 152 Resp: 5487

Ion Ratio Lower Upper

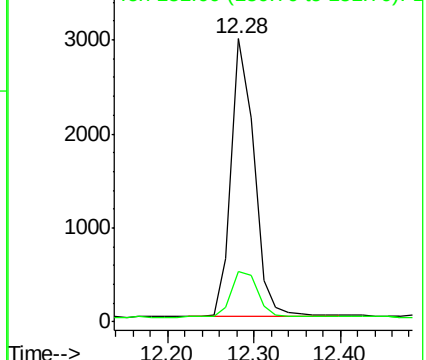
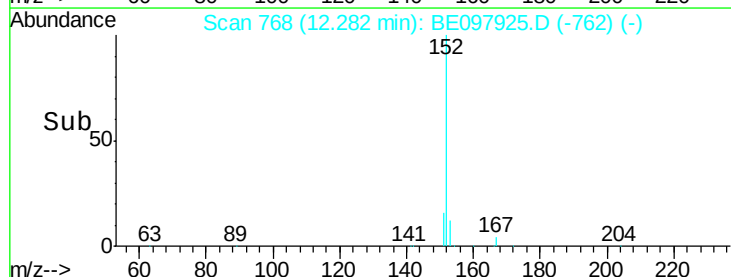
152 100

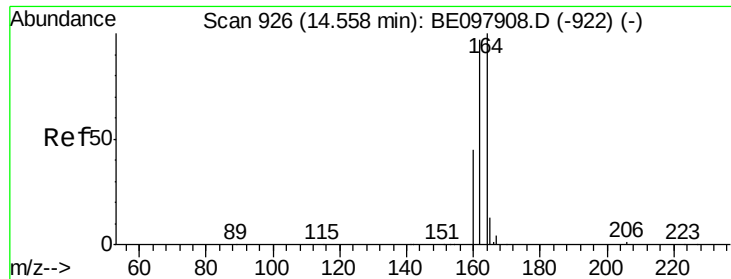
151 18.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097925.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE097925.D (-762) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181004

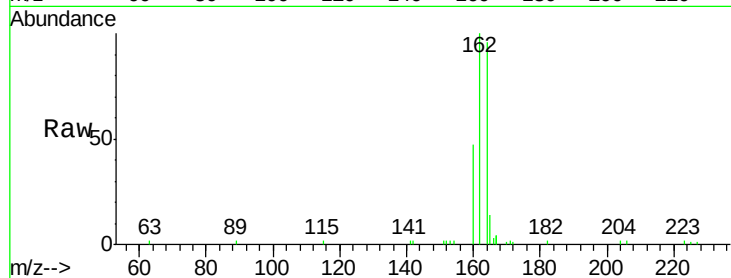
Tgt Ion:164 Resp: 5928

Ion Ratio Lower Upper

164 100

162 104.0 77.4 116.2

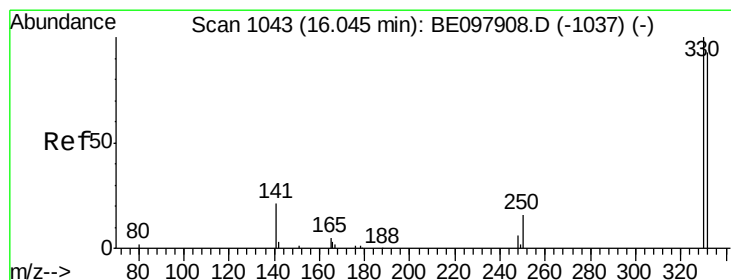
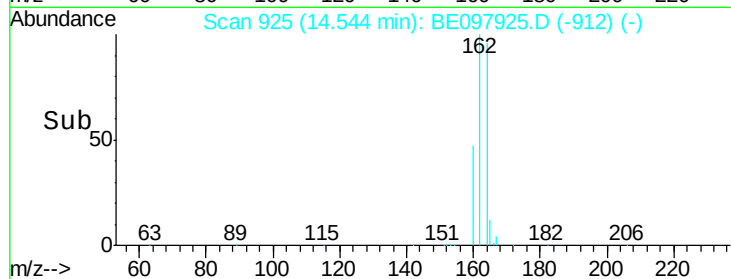
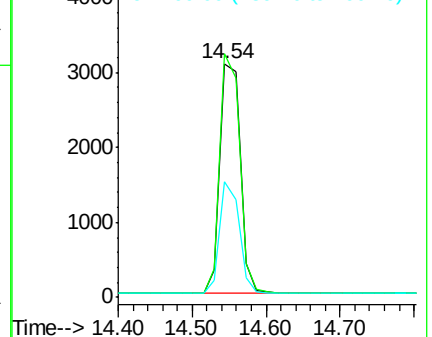
160 49.4 36.5 54.7



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: 0.395 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

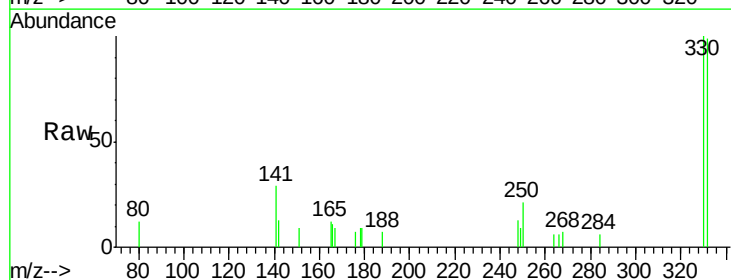
Tgt Ion:330 Resp: 1258

Ion Ratio Lower Upper

330 100

332 96.7 76.5 114.7

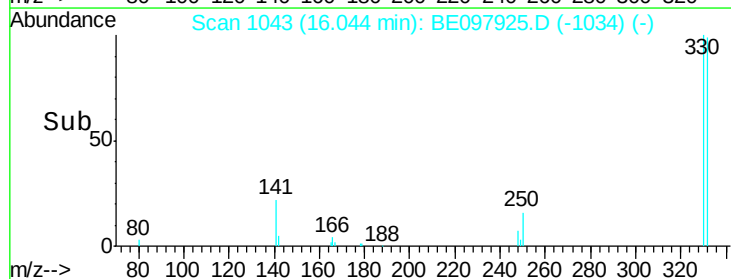
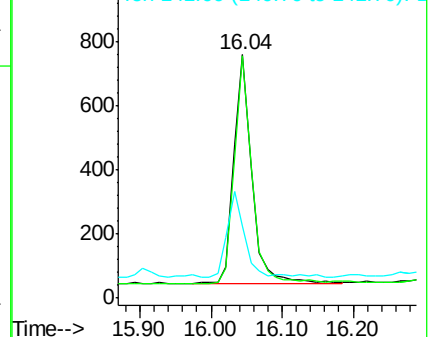
141 36.9 31.8 47.6

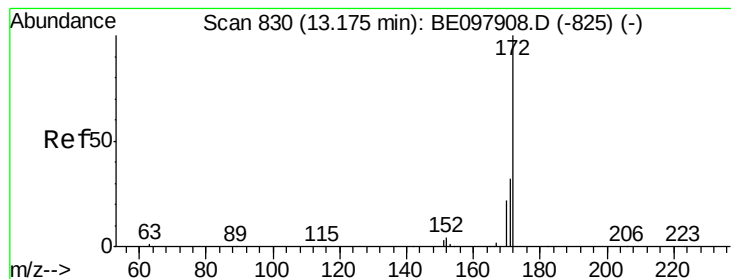


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

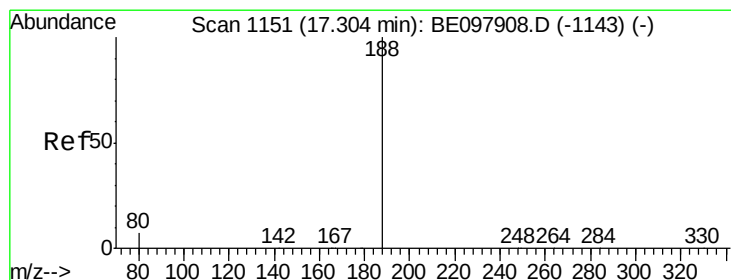
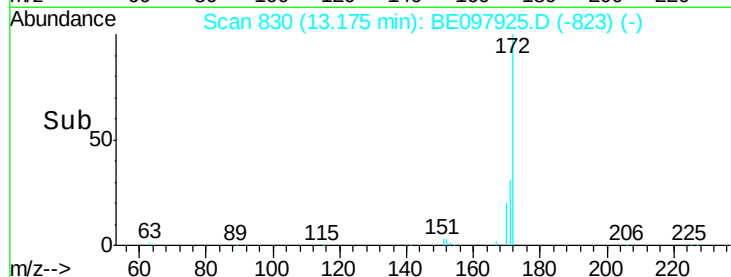
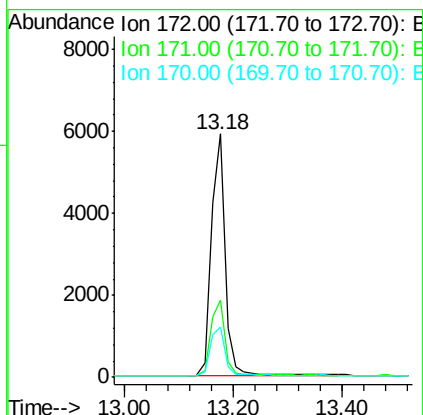
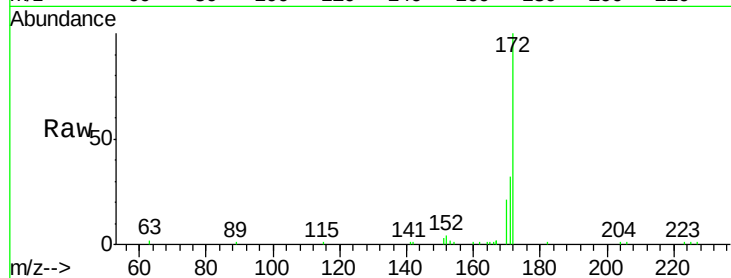




#15
 2-Fluorobiphenyl
 Concen: 0.433 ng
 RT: 13.18 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BE097925.D
 Acq: 17 Oct 2018 00:23

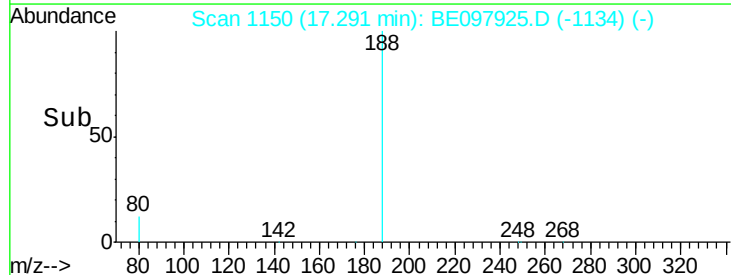
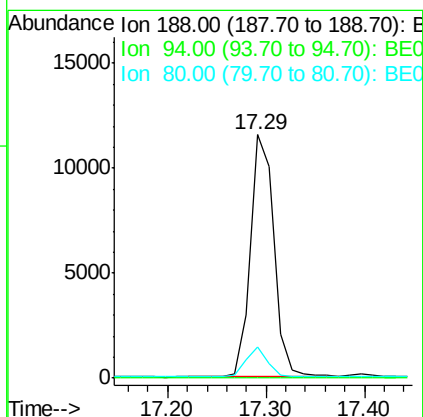
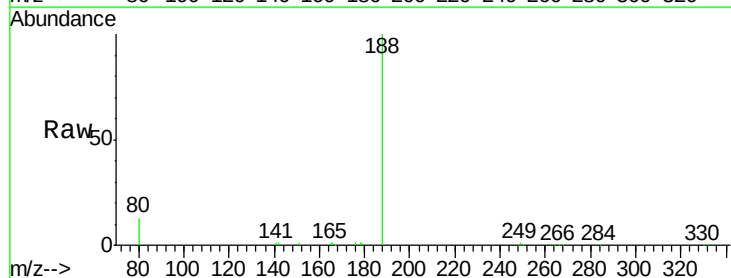
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 RE-122D3-20181004

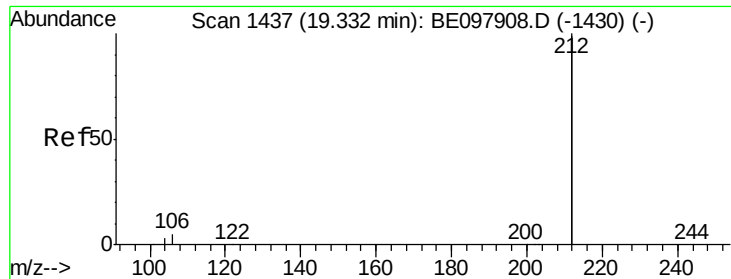
Tgt Ion:172 Resp: 10495
 Ion Ratio Lower Upper
 172 100
 171 31.9 26.0 39.0
 170 20.8 18.0 27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.29 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BE097925.D
 Acq: 17 Oct 2018 00:23

Tgt Ion:188 Resp: 19205
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.6 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.449 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

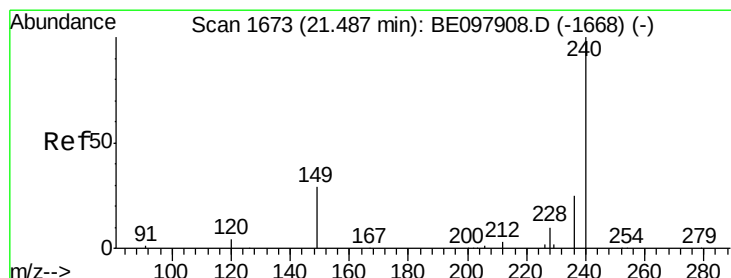
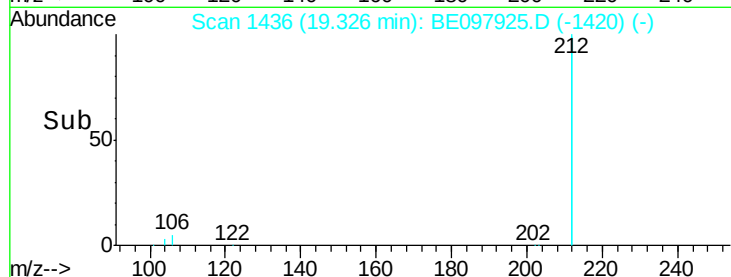
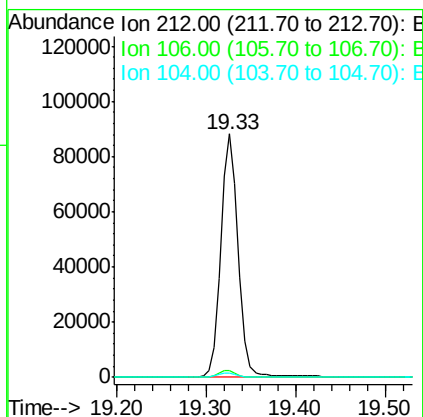
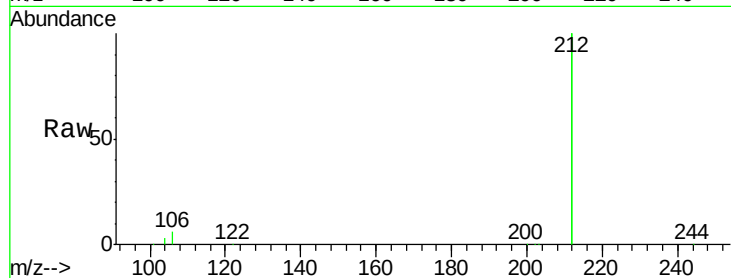
Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181004

Tgt Ion:	212	Resp:	116739
Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.6	1.3	1.9



#27

Chrysene-d12

Concen: 0.400 ng

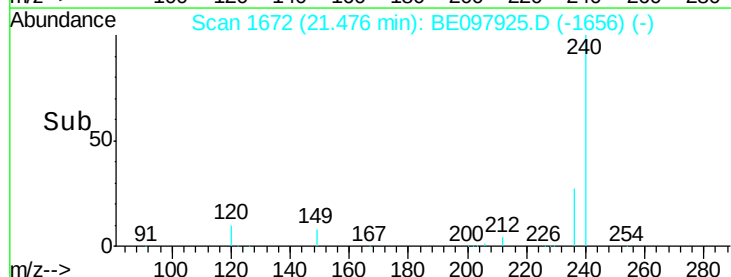
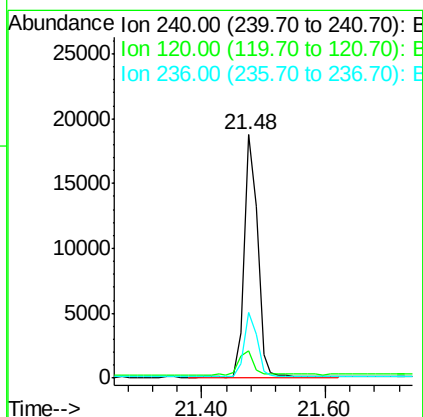
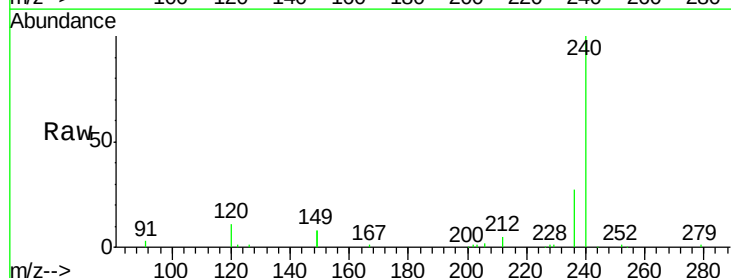
RT: 21.48 min Scan# 1672

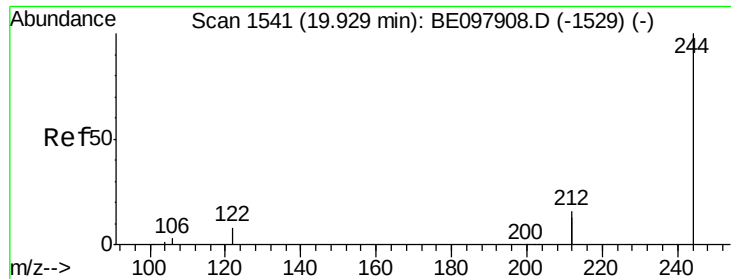
Delta R.T. -0.01 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

Tgt Ion:	240	Resp:	27690
Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	27.0	21.3	31.9





#29

Terphenyl-d14

Concen: 0.514 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

Instrument :

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RE-122D3-20181004

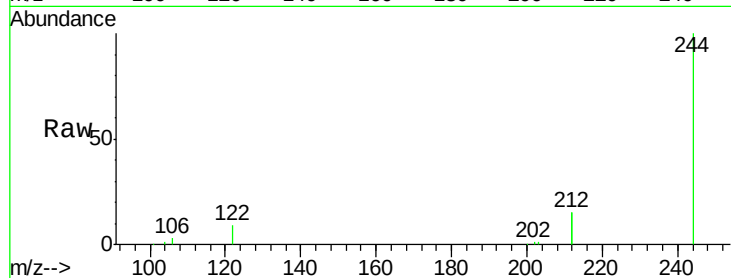
Tgt Ion:244 Resp: 32626

Ion Ratio Lower Upper

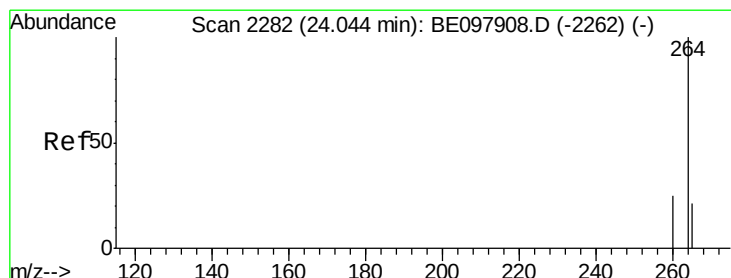
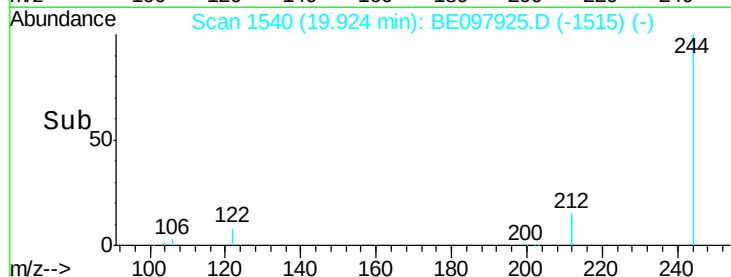
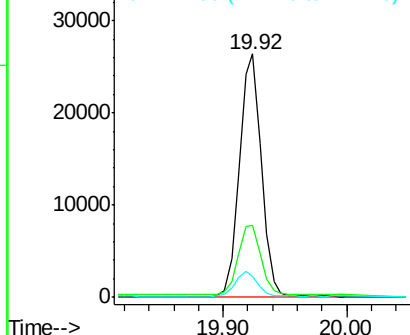
244 100

212 29.6 26.2 39.2

122 8.6 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# 2279

Delta R.T. -0.01 min

Lab File: BE097925.D

Acq: 17 Oct 2018 00:23

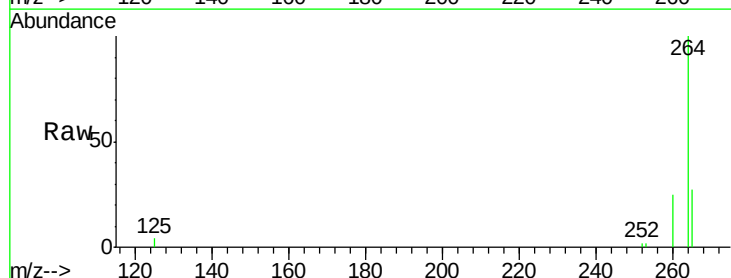
Tgt Ion:264 Resp: 22269

Ion Ratio Lower Upper

264 100

260 24.7 21.1 31.7

265 27.3 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

