

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE098000.D
 Acq On : 19 Oct 2018 20:21
 Operator : SJ/JU
 Sample : J5572-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181016

Quant Time: Oct 20 00:42:38 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	7.87	152	1926	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	9603	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7303	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	18959	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	21292	0.40	ng	-0.01
34) Perylene-d12	24.02	264	21099	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1028	0.17	ng	0.00
5) Phenol-d6	7.06	99	934	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	3149	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	6189	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1368	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	11508	0.39	ng	-0.01
25) Fluoranthene-d10	19.32	212	86881	0.34	ng	-0.01
29) Terphenyl-d14	19.92	244	20629	0.42	ng	-0.01

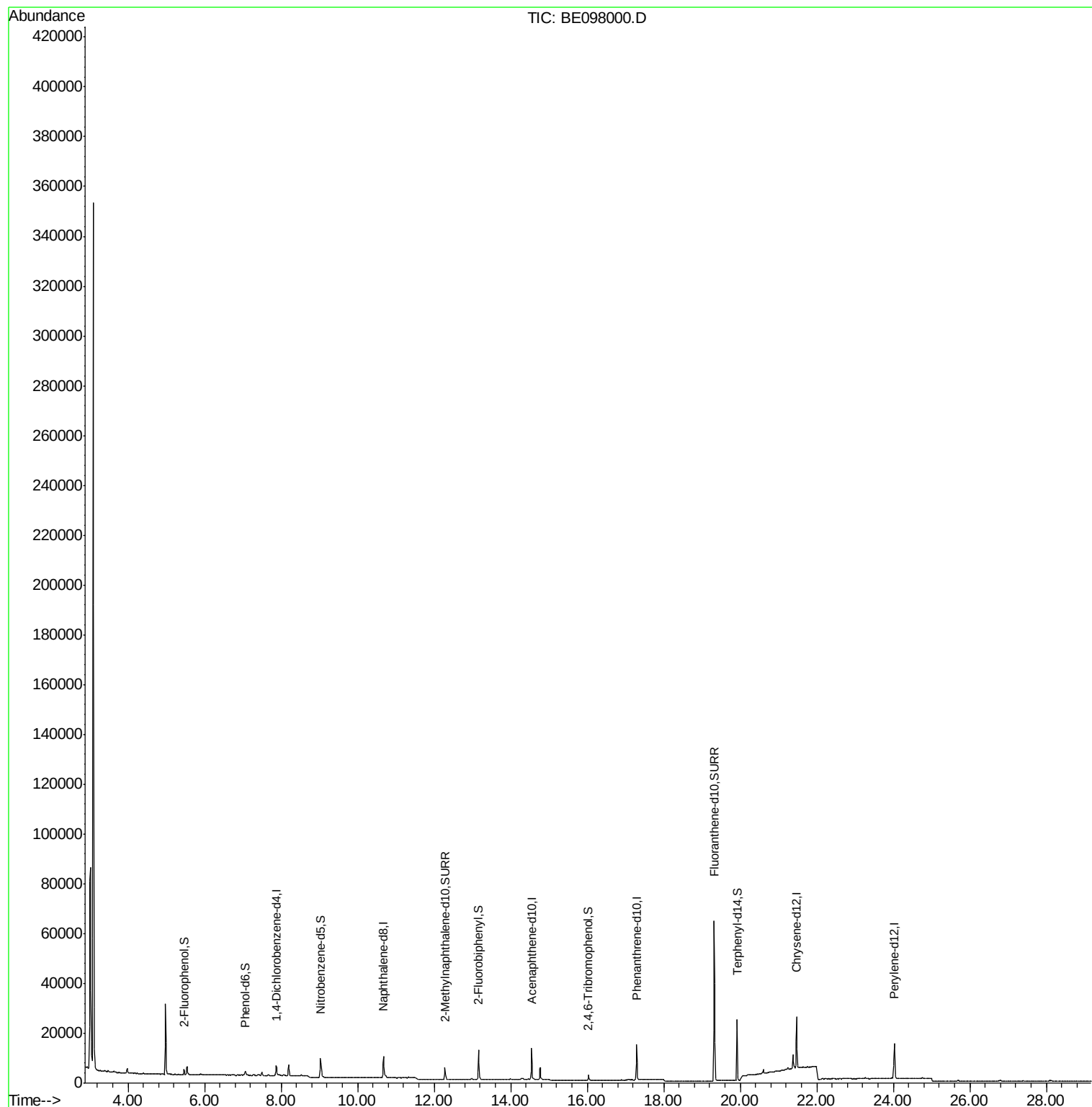
Target Compounds	Qvalue
------------------	--------

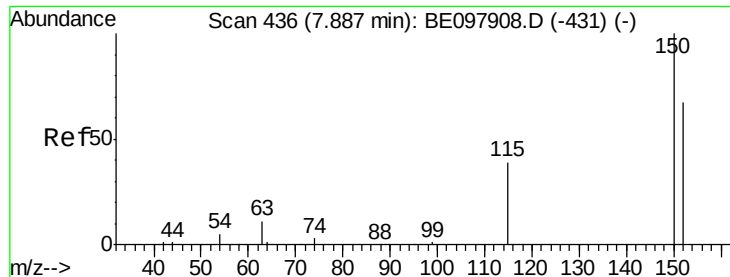
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE098000.D
Acq On : 19 Oct 2018 20:21
Operator : SJ/JU
Sample : J5572-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181016

Quant Time: Oct 20 00:42:38 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



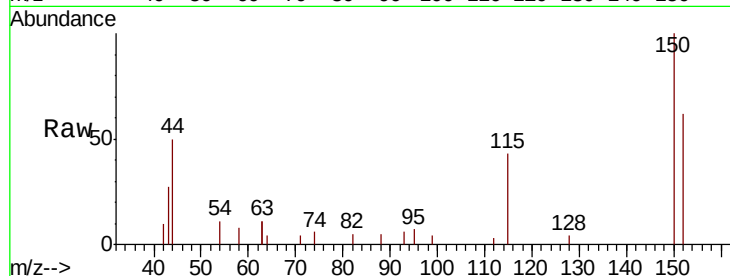


#1

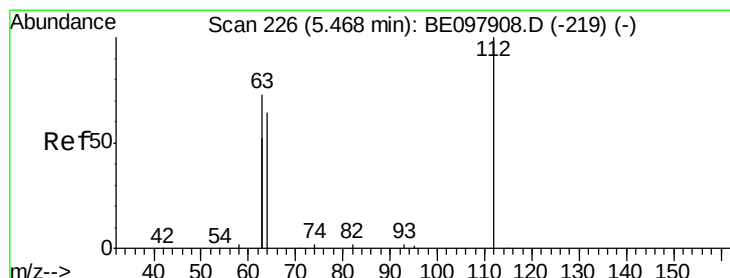
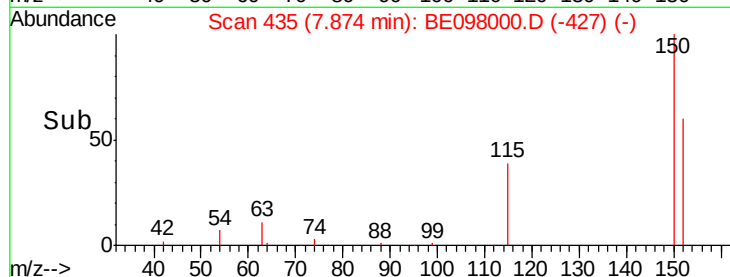
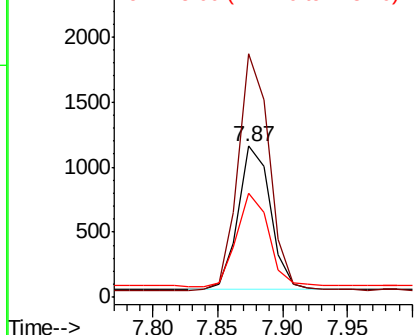
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181016

Tot Ion:152 Resp: 1926
Ion Ratio Lower Upper
152 100
150 161.0 118.2 177.4
115 68.9 50.9 76.3



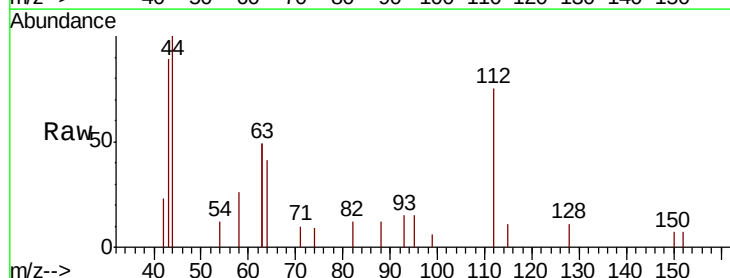
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



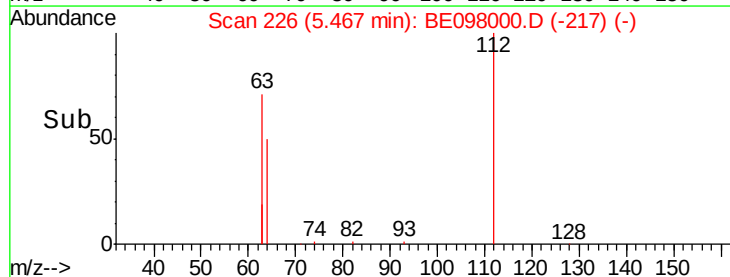
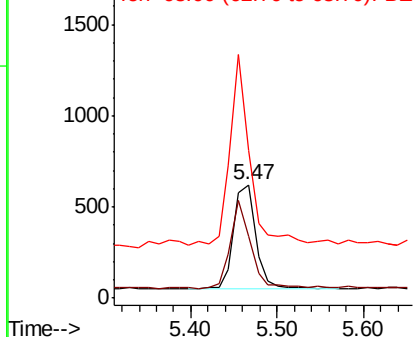
#4

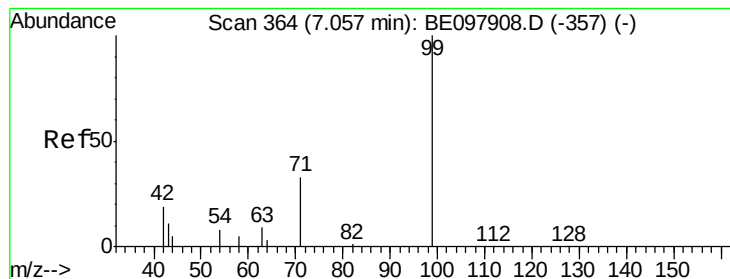
2-Fluorophenol
Concen: 0.169 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

Tgt Ion:112 Resp: 1028
Ion Ratio Lower Upper
112 100
64 76.4 58.9 88.3
63 161.9 120.3 180.5



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: 0.104 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181016

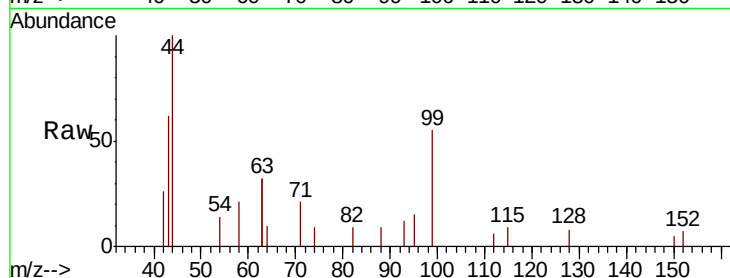
Tot Ion: 99 Resp: 934

Ion Ratio Lower Upper

99 100

42 28.6 19.9 29.9

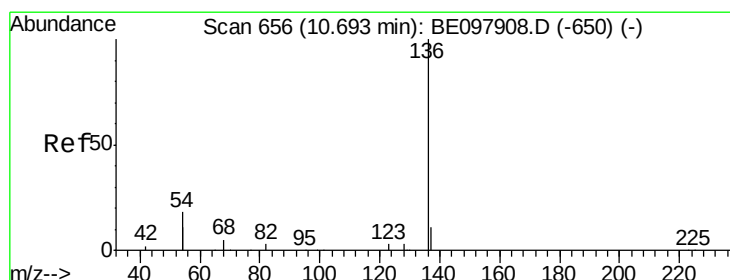
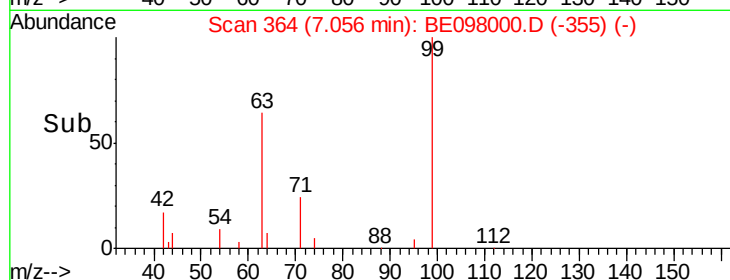
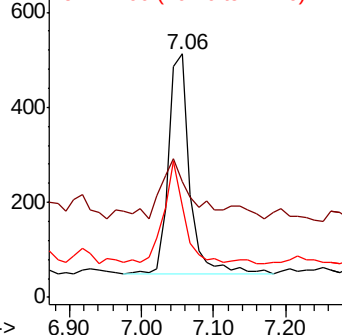
71 43.0 27.8 41.8#



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: BE098000.D

Acq: 19 Oct 2018 20:21

Tgt Ion: 136 Resp: 9603

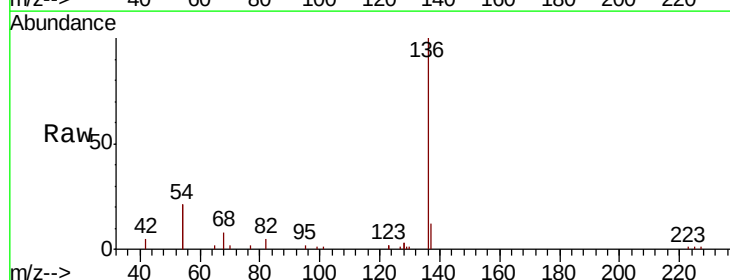
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 42.9 27.7 41.5#

68 7.9 5.3 7.9#

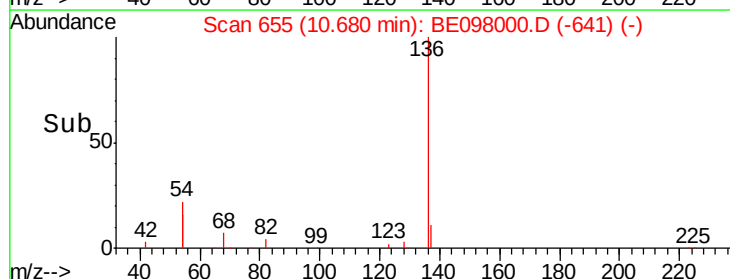
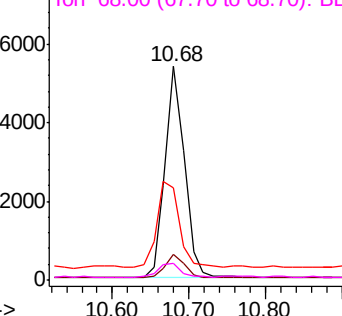


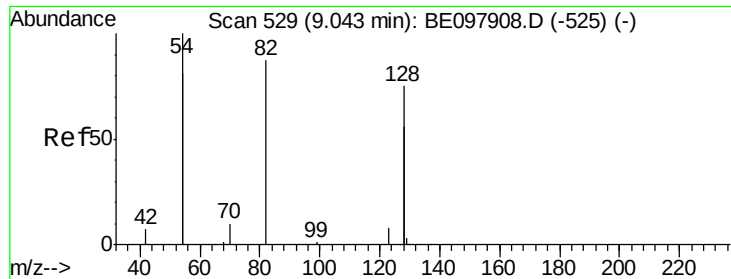
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.346 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181016

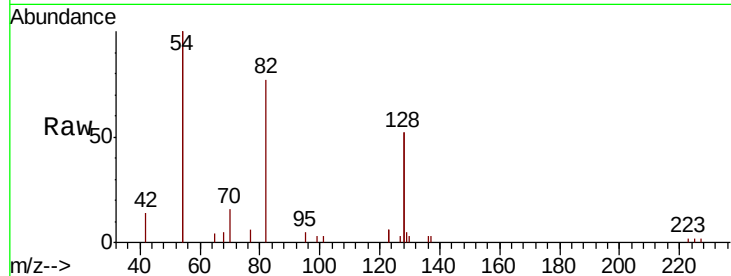
Tot Ion: 82 Resp: 3149

Ion Ratio Lower Upper

82 100

128 134.5 129.9 194.9

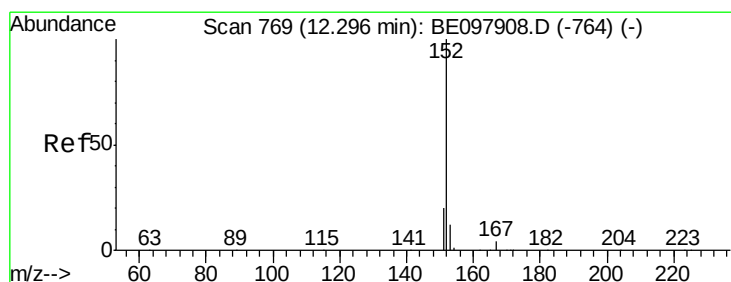
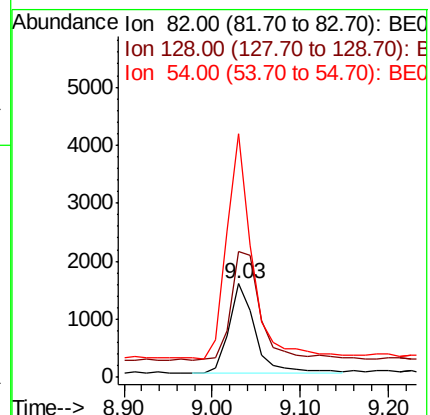
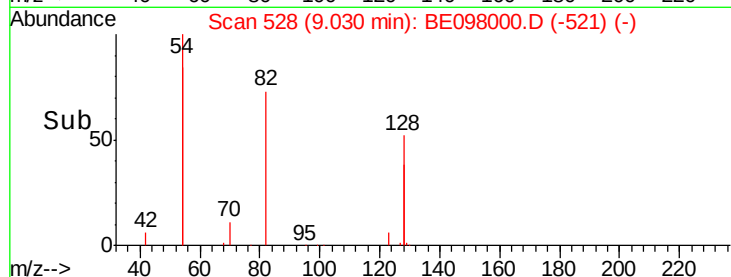
54 260.8 174.0 261.0



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: 0.387 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE098000.D

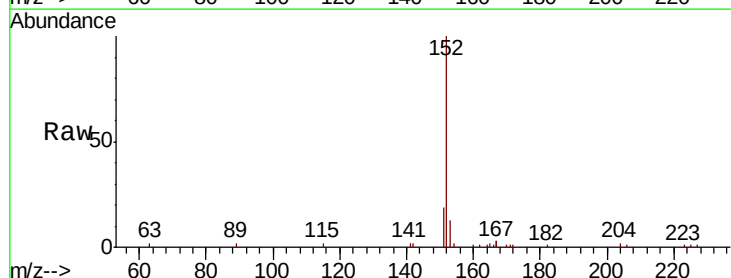
Acq: 19 Oct 2018 20:21

Tgt Ion: 152 Resp: 6189

Ion Ratio Lower Upper

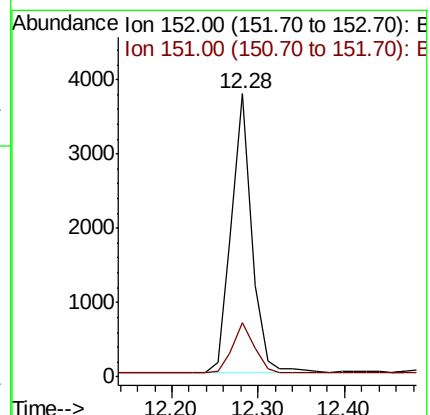
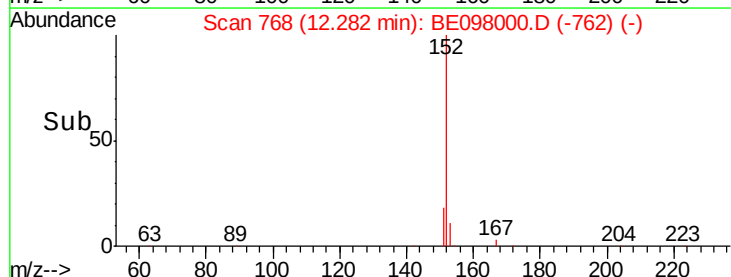
152 100

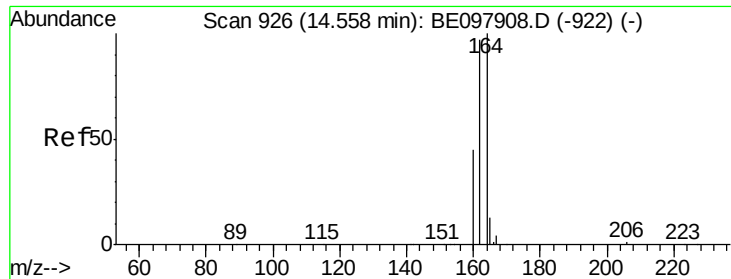
151 19.4 16.2 24.4



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. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181016

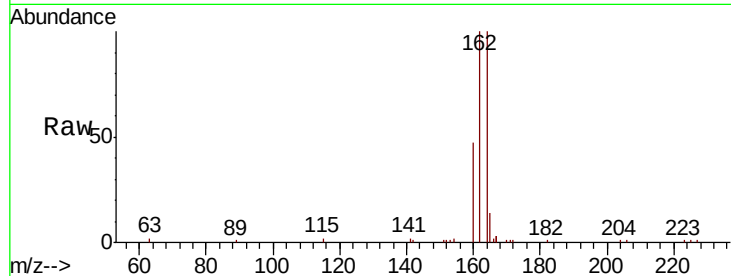
Tot Ion:164 Resp: 7303

Ion Ratio Lower Upper

164 100

162 99.6 77.4 116.2

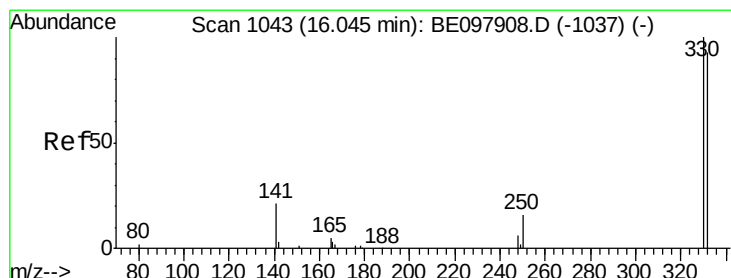
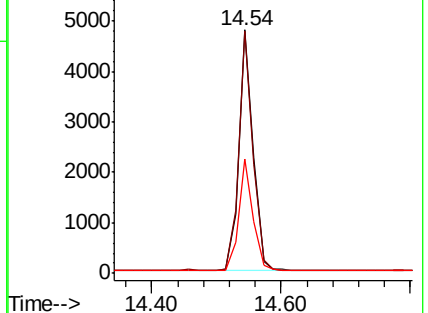
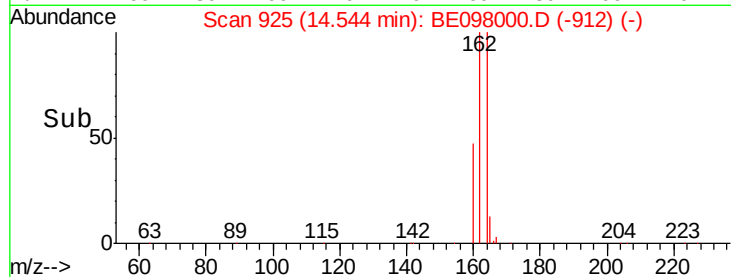
160 47.2 36.5 54.7



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: 0.348 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

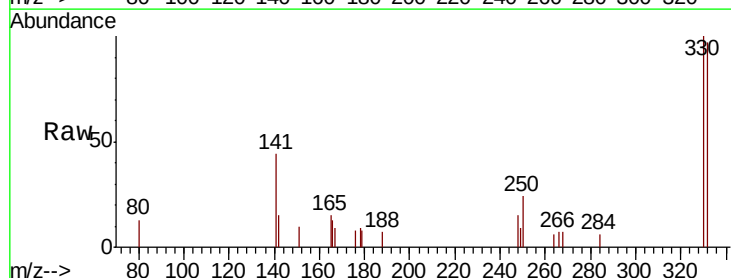
Tgt Ion:330 Resp: 1368

Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

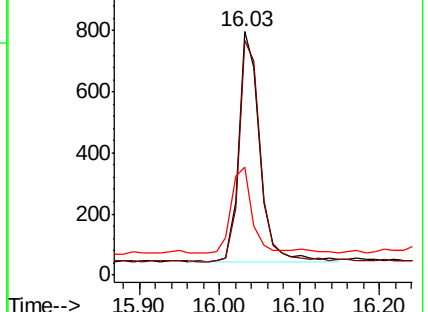
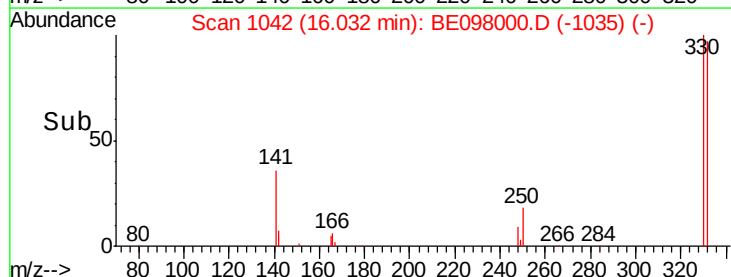
141 37.8 31.8 47.6

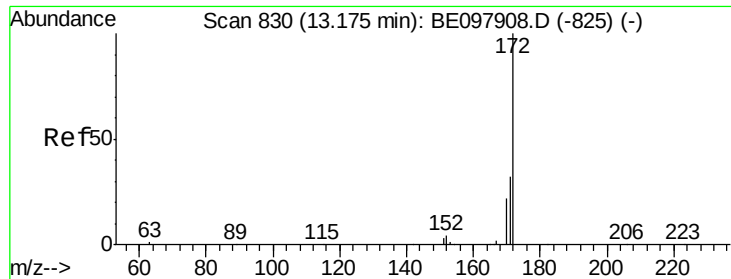


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

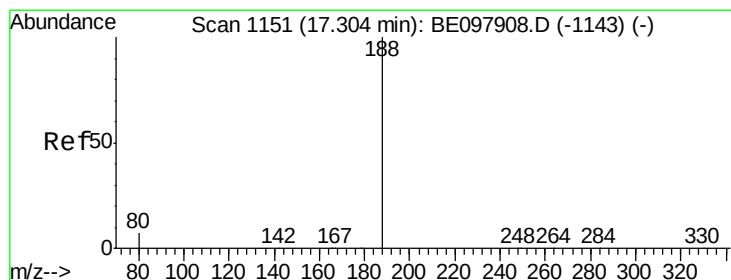
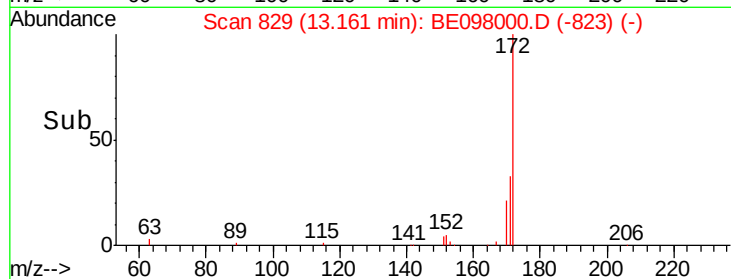
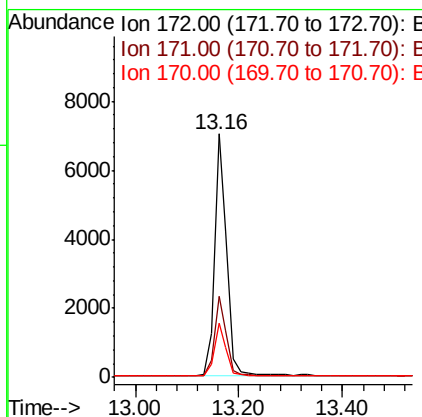
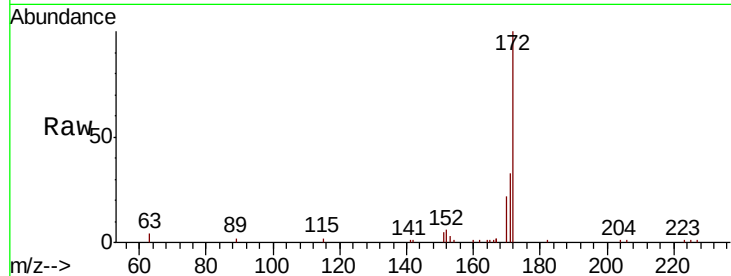




#15
 2-Fluorobiphenyl
 Concen: 0.386 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE098000.D
 Acq: 19 Oct 2018 20:21

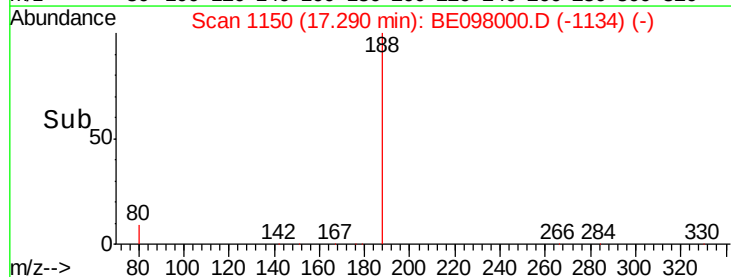
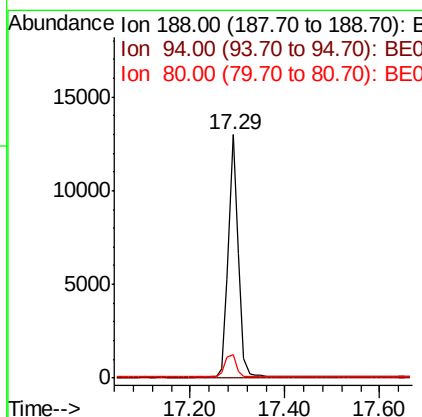
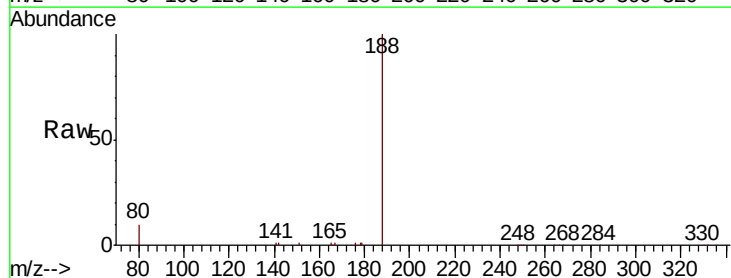
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181016

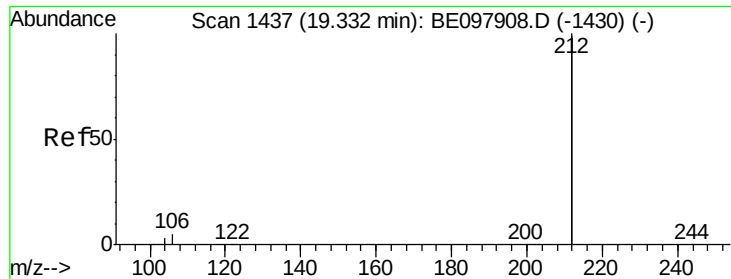
Tot Ion:172 Resp: 11508
 Ion Ratio Lower Upper
 172 100
 171 33.3 26.0 39.0
 170 22.0 18.0 27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.29 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BE098000.D
 Acq: 19 Oct 2018 20:21

Tgt Ion:188 Resp: 18959
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.7 6.3 9.5#

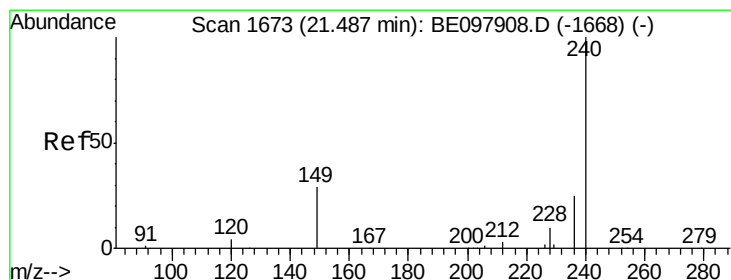
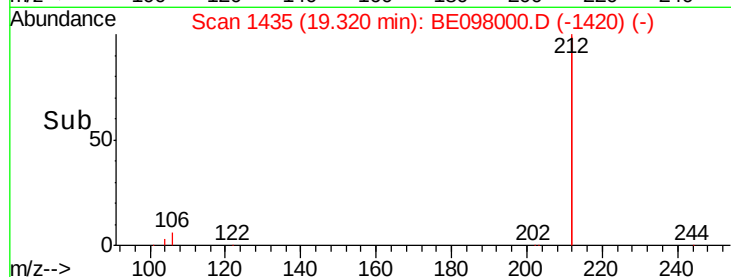
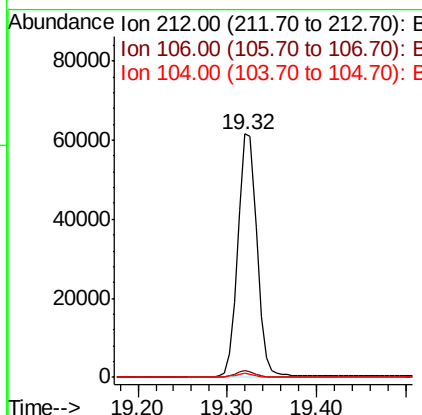
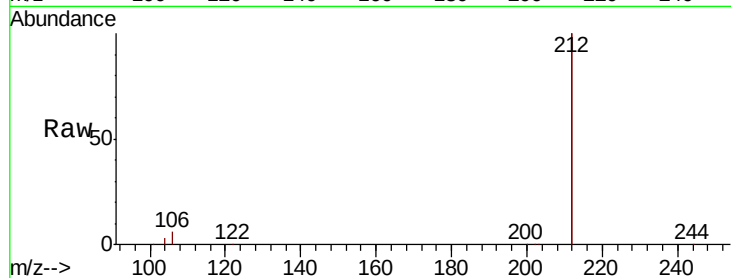




#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

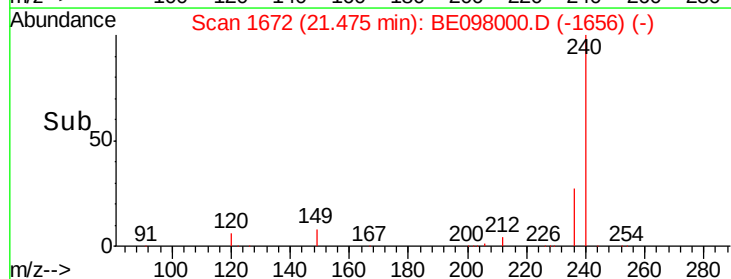
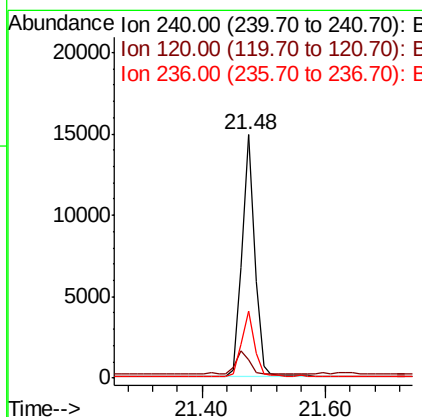
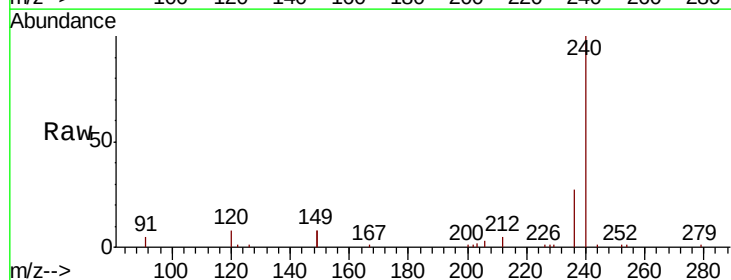
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181016

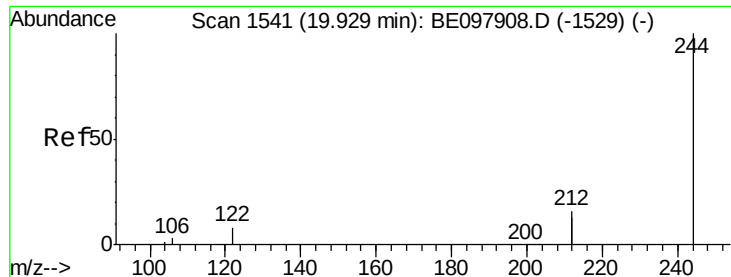
Tot Ion:212 Resp: 86881
Ion Ratio Lower Upper
212 100
106 2.7 2.3 3.5
104 1.6 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE098000.D
Acq: 19 Oct 2018 20:21

Tgt Ion:240 Resp: 21292
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 27.5 21.3 31.9





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181016

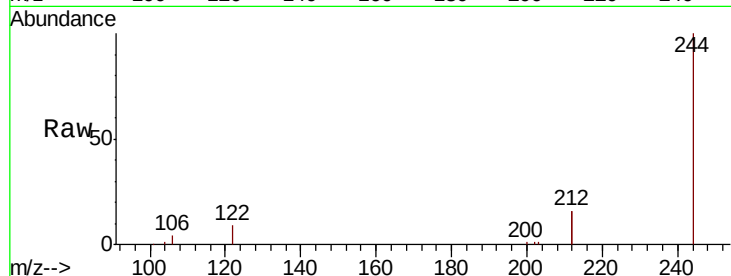
Tot Ion:244 Resp: 20629

Ion Ratio Lower Upper

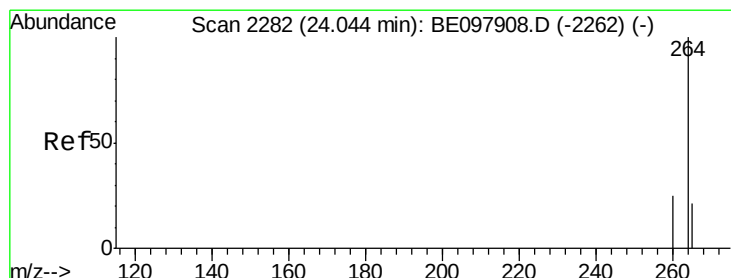
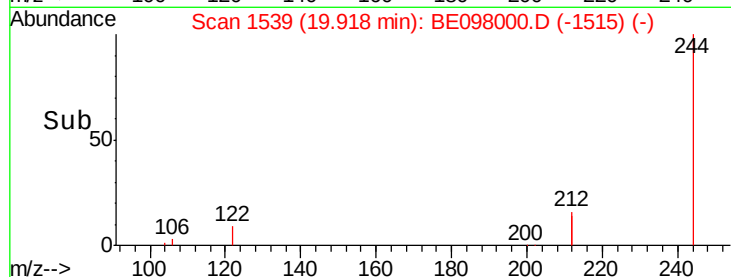
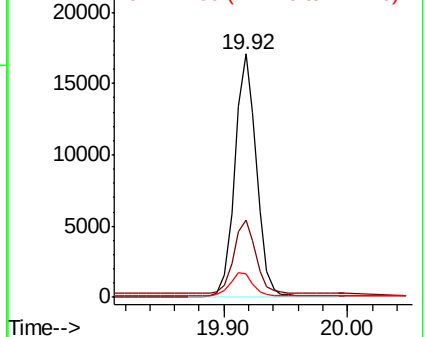
244 100

212 31.5 26.2 39.2

122 9.4 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: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE098000.D

Acq: 19 Oct 2018 20:21

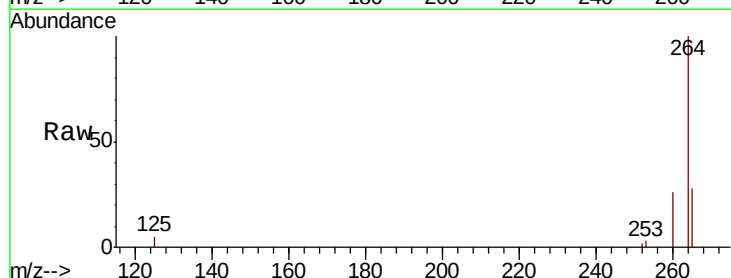
Tgt Ion:264 Resp: 21099

Ion Ratio Lower Upper

264 100

260 25.5 21.1 31.7

265 27.9 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

