

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040319\
 Data File : BE099288.D
 Acq On : 3 Apr 2019 13:06
 Operator : JU/SJ
 Sample : PB118477BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118477BL

Quant Time: Apr 04 09:12:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3958	0.40	ng	-0.02
7) Naphthalene-d8	10.62	136	13301	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7907	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	20627	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	25559	0.40	ng	-0.02
34) Perylene-d12	23.86	264	30413	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	2941	0.28	ng	-0.01
5) Phenol-d6	6.98	99	3716	0.26	ng	-0.01
8) Nitrobenzene-d5	8.97	82	2660	0.29	ng	-0.02
11) 2-Methylnaphthalene-d10	12.21	152	6239	0.27	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	614	0.17	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	9091	0.29	ng	-0.01
25) Fluoranthene-d10	19.22	212	68866	0.25	ng	-0.02
29) Terphenyl-d14	19.82	244	12270	0.26	ng	-0.02

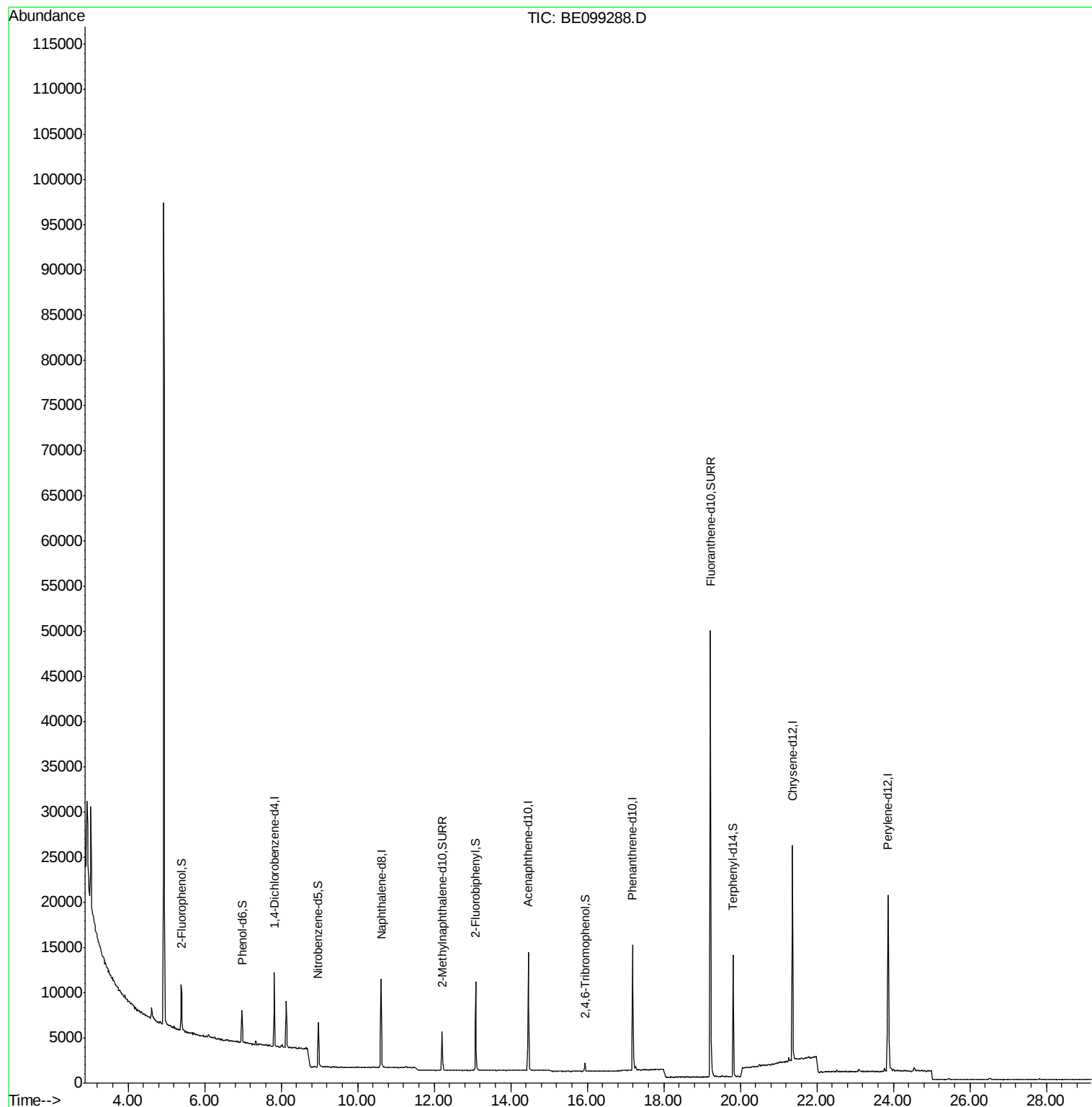
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040319\
Data File : BE099288.D
Acq On : 3 Apr 2019 13:06
Operator : JU/SJ
Sample : PB118477BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118477BL

Quant Time: Apr 04 09:12:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

Instrument :

BNA_E

ClientSampleId :

PB118477BL

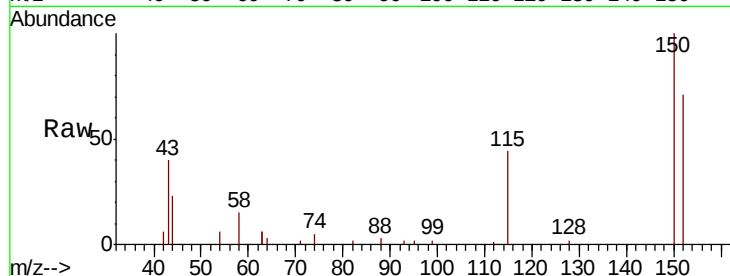
Tot Ion:152 Resp: 3958

Ion Ratio Lower Upper

152 100

150 141.6 112.8 169.2

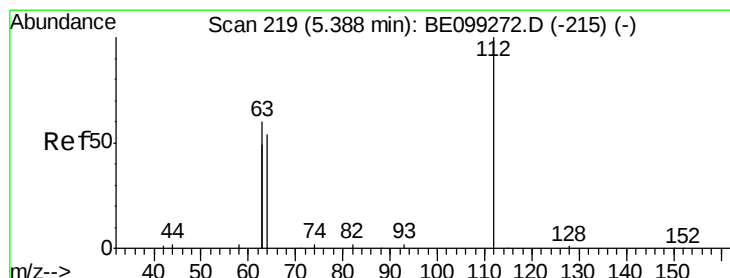
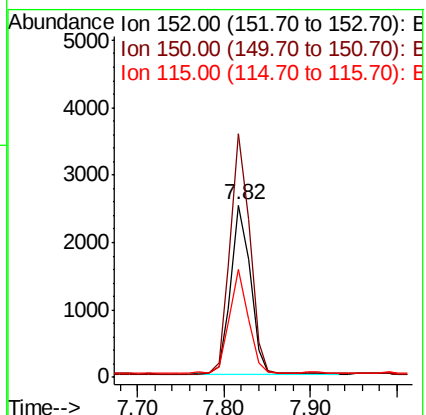
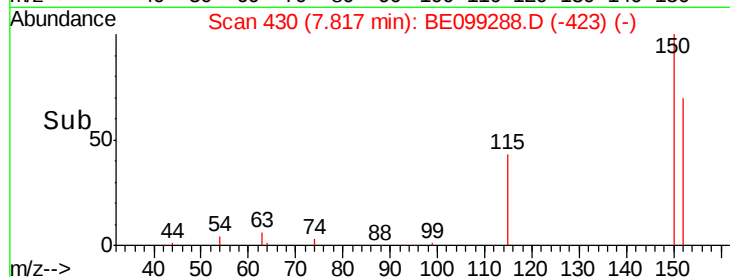
115 62.8 45.1 67.7



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: 0.280 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

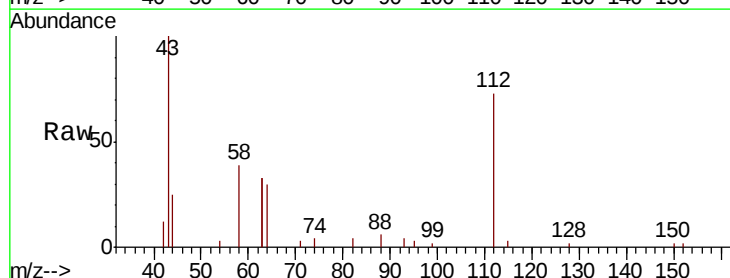
Tgt Ion:112 Resp: 2941

Ion Ratio Lower Upper

112 100

64 57.0 46.2 69.2

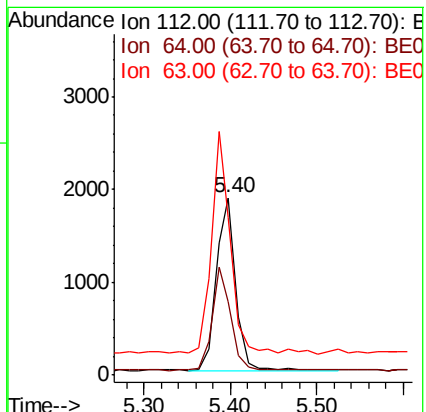
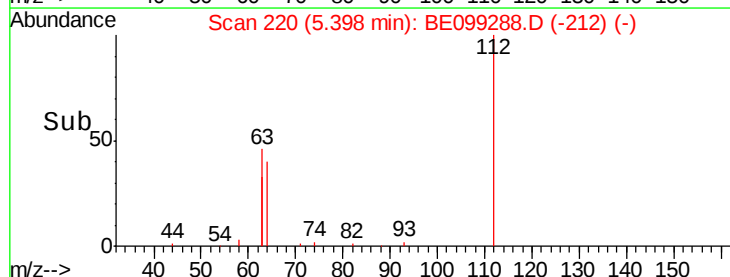
63 122.2 89.9 134.9

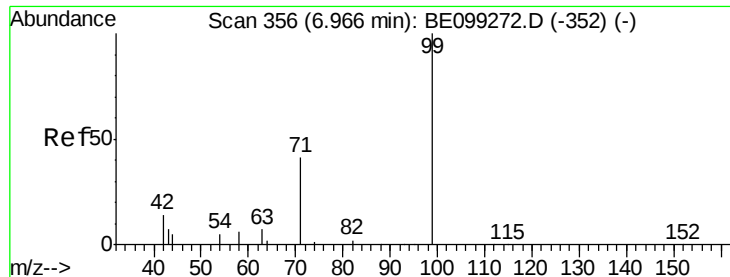


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.257 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

Instrument :

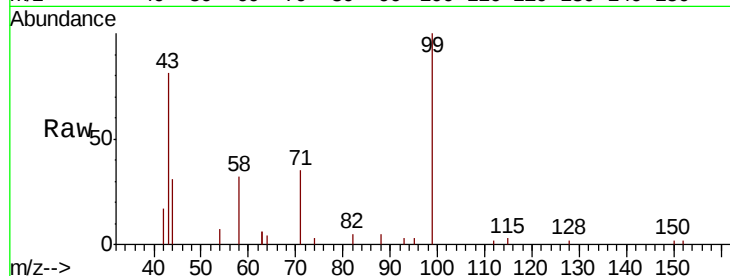
BNA_E

ClientSampleId :

PB118477BL

Tot Ion: 99 Resp: 3716

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.4	18.6#
71	38.7	28.4	42.6

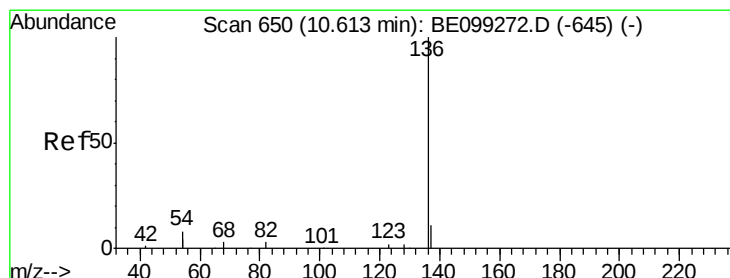
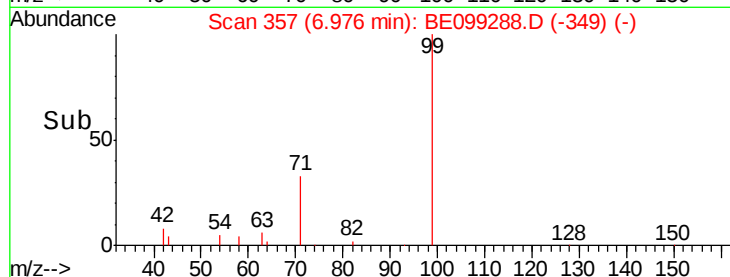
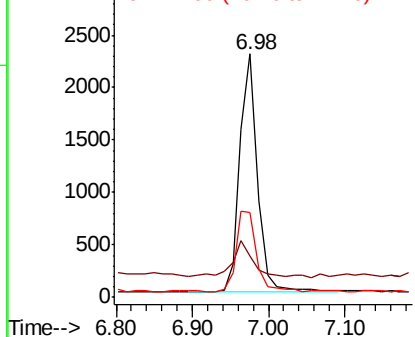


Abundance

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: 10.62 min Scan# 650

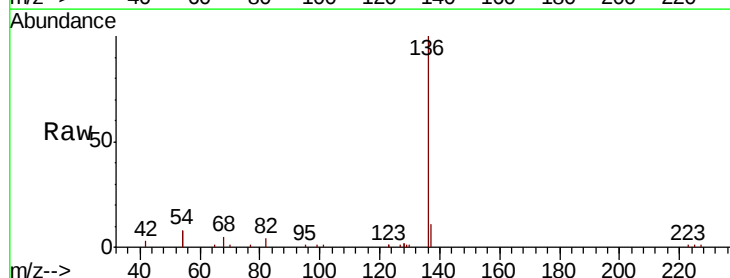
Delta R.T. -0.01 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

Tgt Ion: 136 Resp: 13301

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	15.3	18.7	28.1#
68	4.6	5.2	7.8#



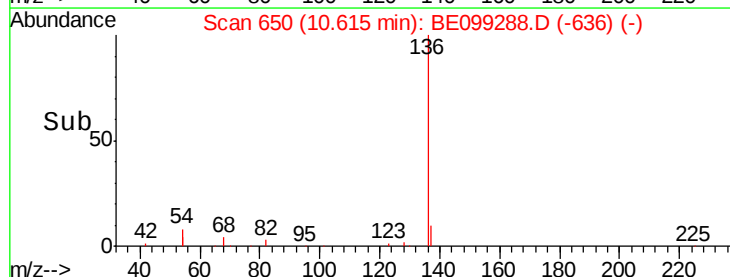
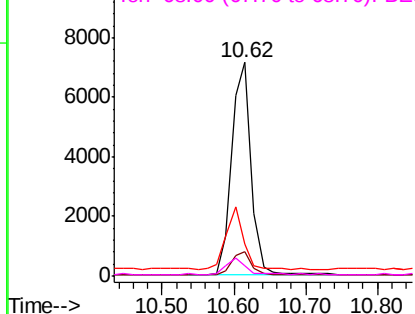
Abundance

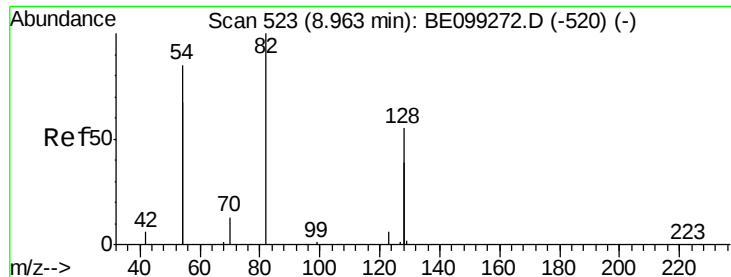
Ion 136.00 (135.70 to 136.70): E

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: 0.291 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.02 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

Instrument :

BNA_E

ClientSampleId :

PB118477BL

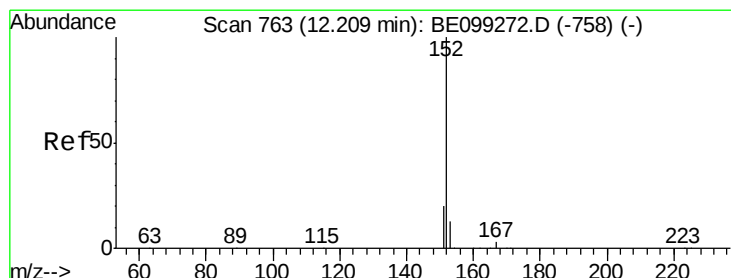
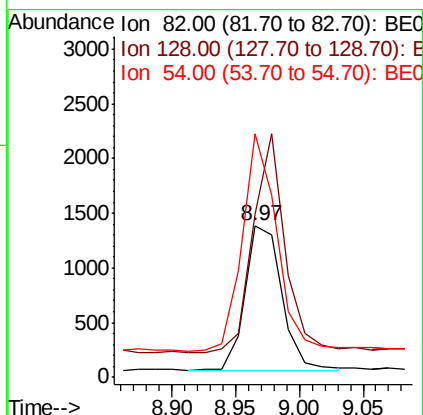
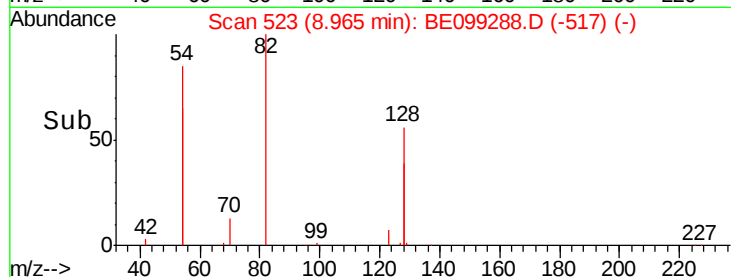
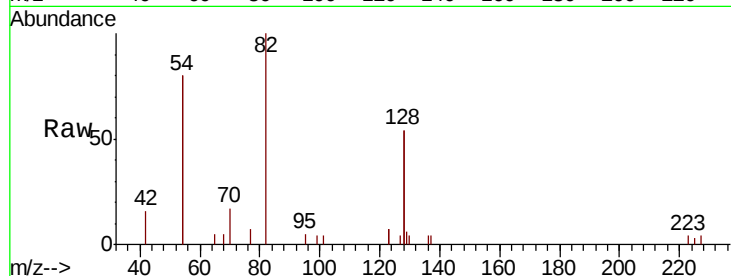
Tot Ion: 82 Resp: 2660

Ion Ratio Lower Upper

82 100

128 107.3 107.5 161.3#

54 160.5 106.3 159.5#



#11

2-Methylnaphthalene-d10

Concen: 0.269 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099288.D

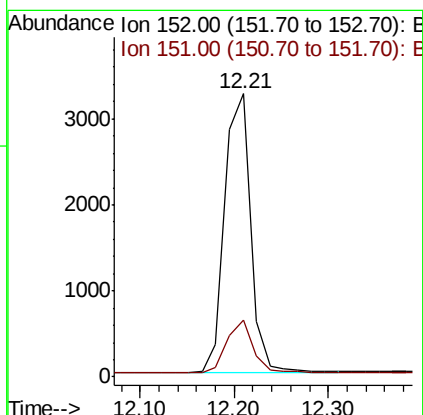
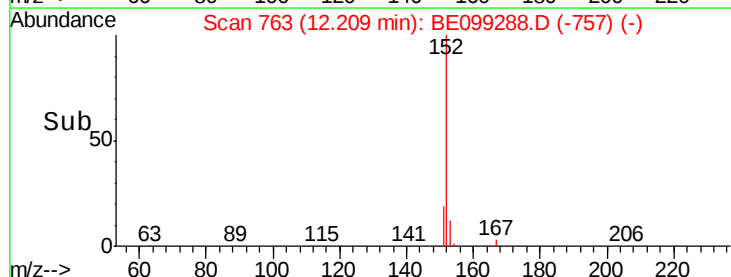
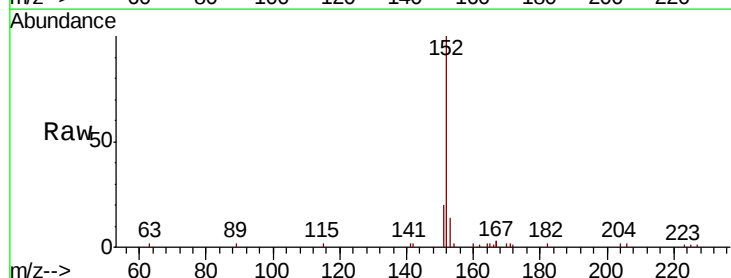
Acq: 3 Apr 2019 13:06

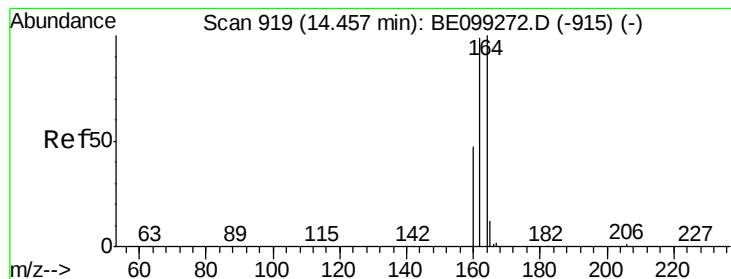
Tgt Ion:152 Resp: 6239

Ion Ratio Lower Upper

152 100

151 19.0 15.0 22.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

Instrument :

BNA_E

ClientSampleId :

PB118477BL

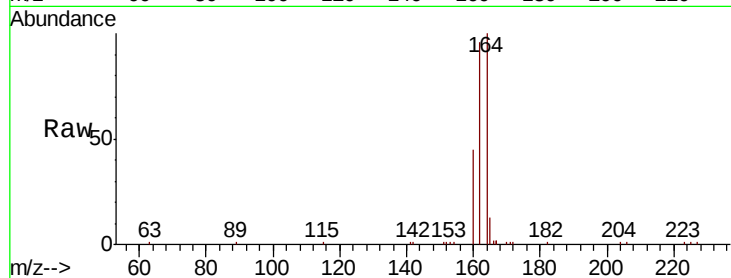
Tot Ion:164 Resp: 7907

Ion Ratio Lower Upper

164 100

162 95.5 79.2 118.8

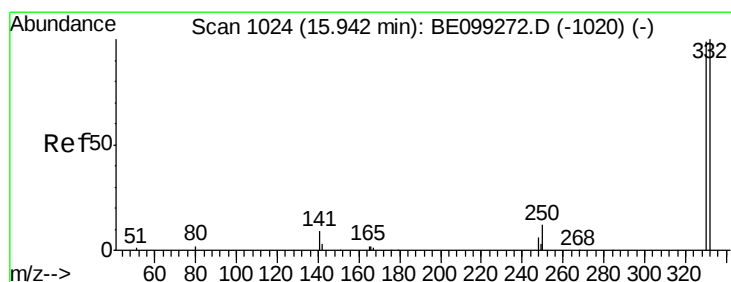
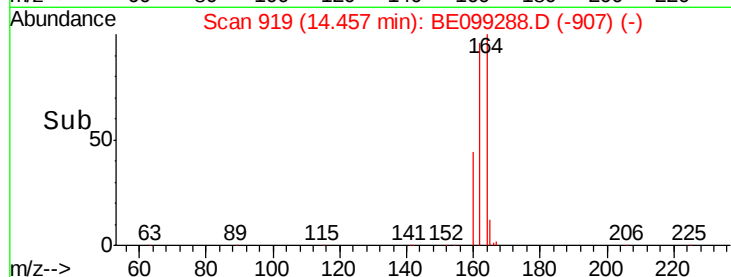
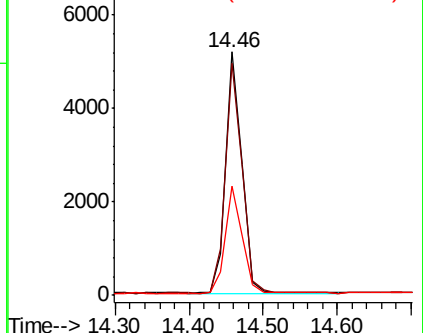
160 45.1 36.7 55.1



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: 0.169 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

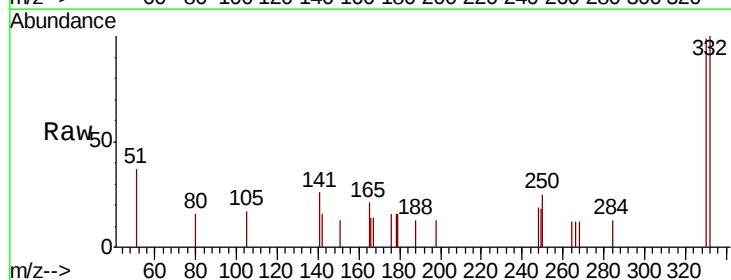
Tgt Ion:330 Resp: 614

Ion Ratio Lower Upper

330 100

332 96.3 71.3 106.9

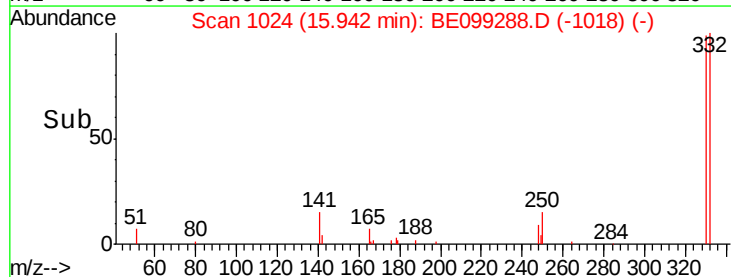
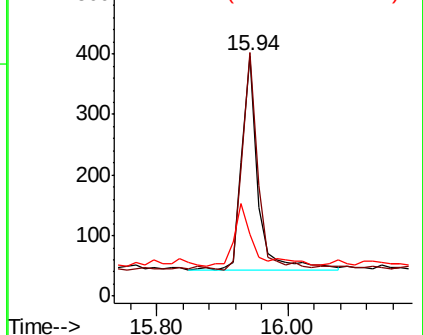
141 34.5 21.7 32.5#

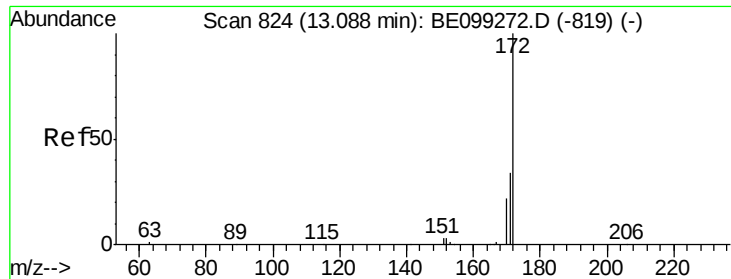


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

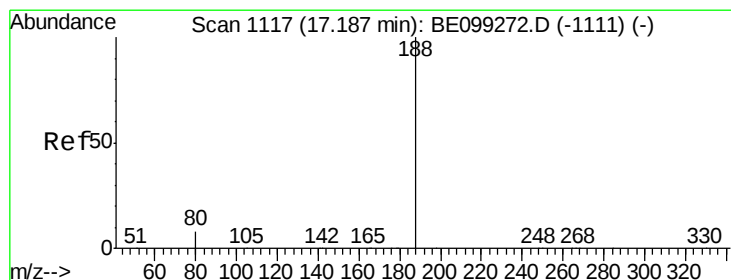
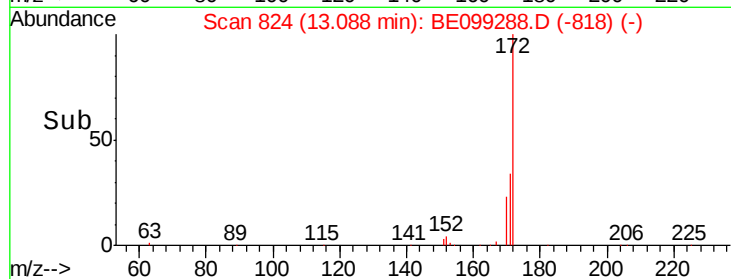
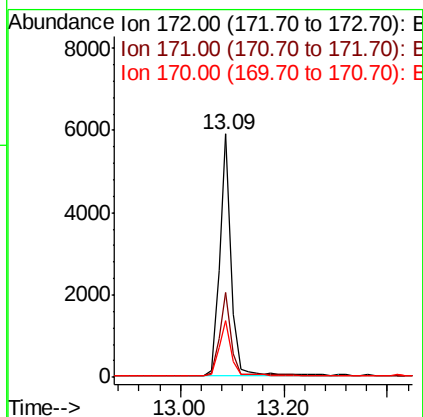
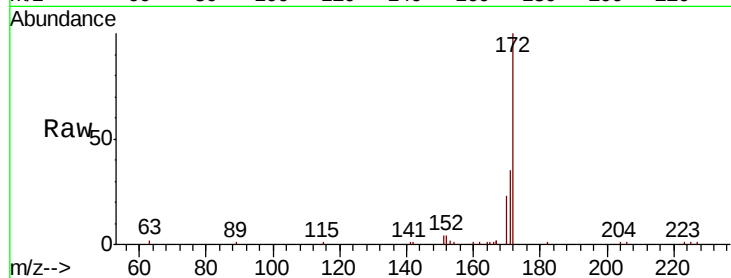




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099288.D
Acq: 3 Apr 2019 13:06

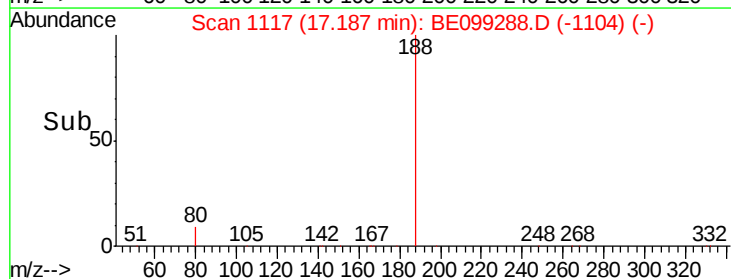
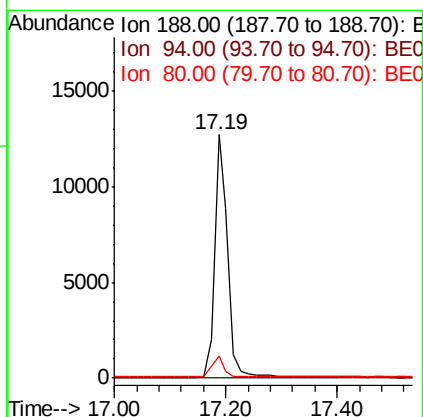
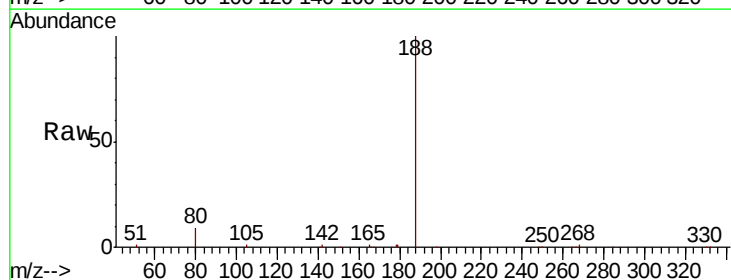
Instrument :
BNA_E
ClientSampleId :
PB118477BL

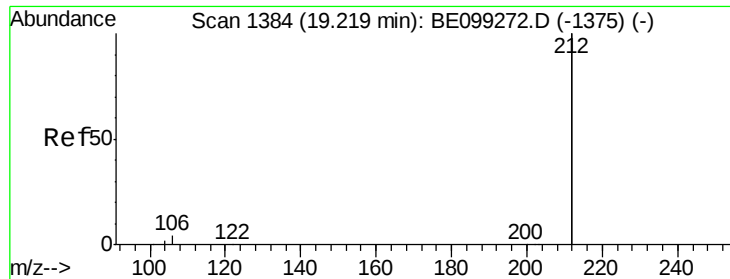
Tot Ion:172 Resp: 9091
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.3 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099288.D
Acq: 3 Apr 2019 13:06

Tgt Ion:188 Resp: 20627
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.253 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

Instrument :

BNA_E

ClientSampleId :

PB118477BL

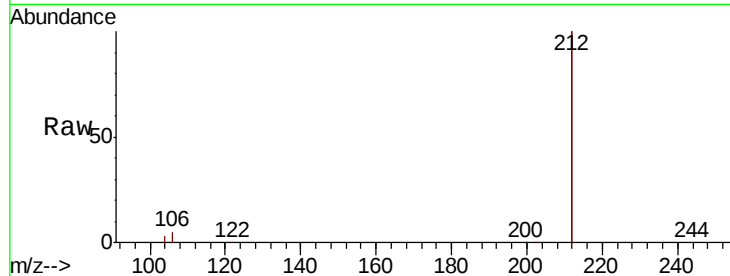
Tot Ion:212 Resp: 68866

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

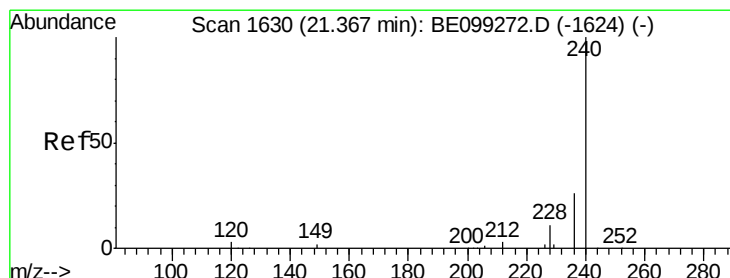
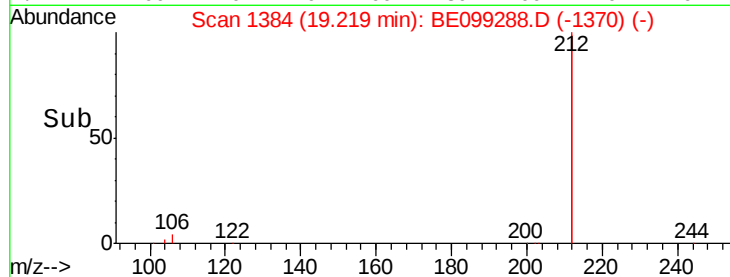
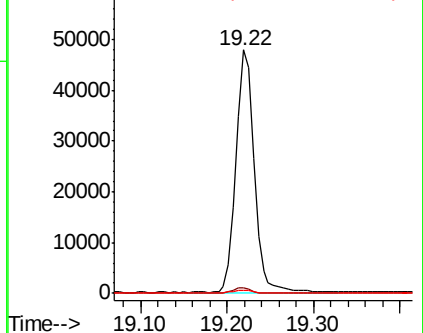
104 1.2 1.1 1.7



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: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

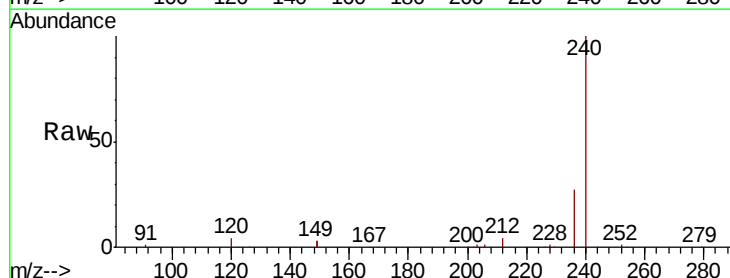
Tgt Ion:240 Resp: 25559

Ion Ratio Lower Upper

240 100

120 4.1 2.6 3.8#

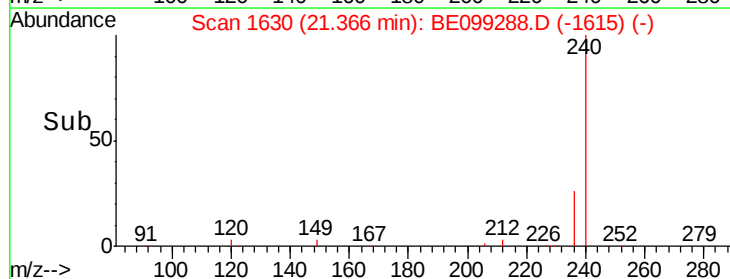
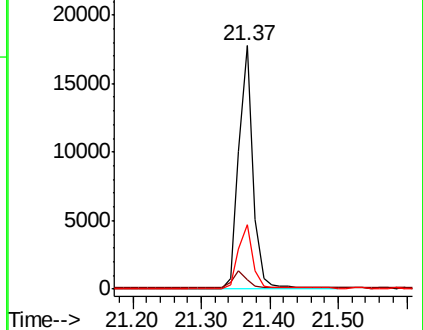
236 26.6 20.9 31.3

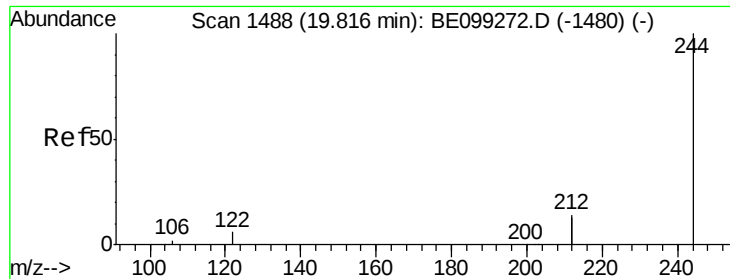


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.263 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

Instrument :

BNA_E

ClientSampleId :

PB118477BL

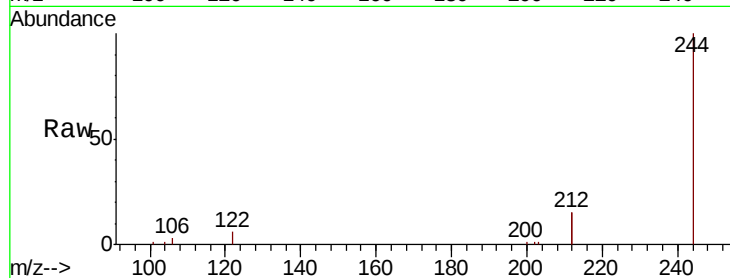
Tot Ion:244 Resp: 12270

Ion Ratio Lower Upper

244 100

212 30.3 22.7 34.1

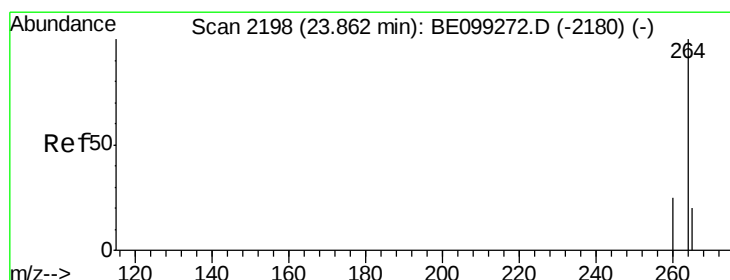
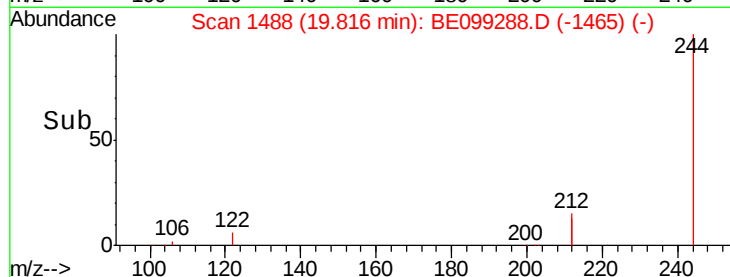
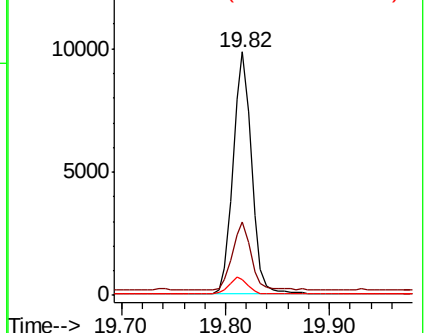
122 6.3 5.8 8.6



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: 23.86 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BE099288.D

Acq: 3 Apr 2019 13:06

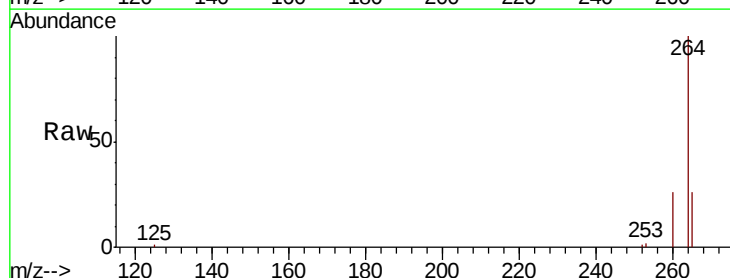
Tgt Ion:264 Resp: 30413

Ion Ratio Lower Upper

264 100

260 25.7 18.2 27.2

265 26.1 21.8 32.8



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

