

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100306.D
 Acq On : 2 Jul 2019 17:27
 Operator : JU/SJ
 Sample : K3445-03DL2 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW117-061719DL

Quant Time: Jul 03 02:13:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	700	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2385	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2051	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6196	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8271	0.40	ng	0.00
34) Perylene-d12	23.67	264	9751	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	31	0.02	ng	0.01
5) Phenol-d6	6.87	99	27	0.01	ng	0.03
8) Nitrobenzene-d5	8.83	82	24	0.01	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	30	0.01	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	27	0.02	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	117	0.01	ng	0.00
25) Fluoranthene-d10	19.10	212	283	0.00	ng	0.00
29) Terphenyl-d14	19.70	244	576	0.03	ng	0.00

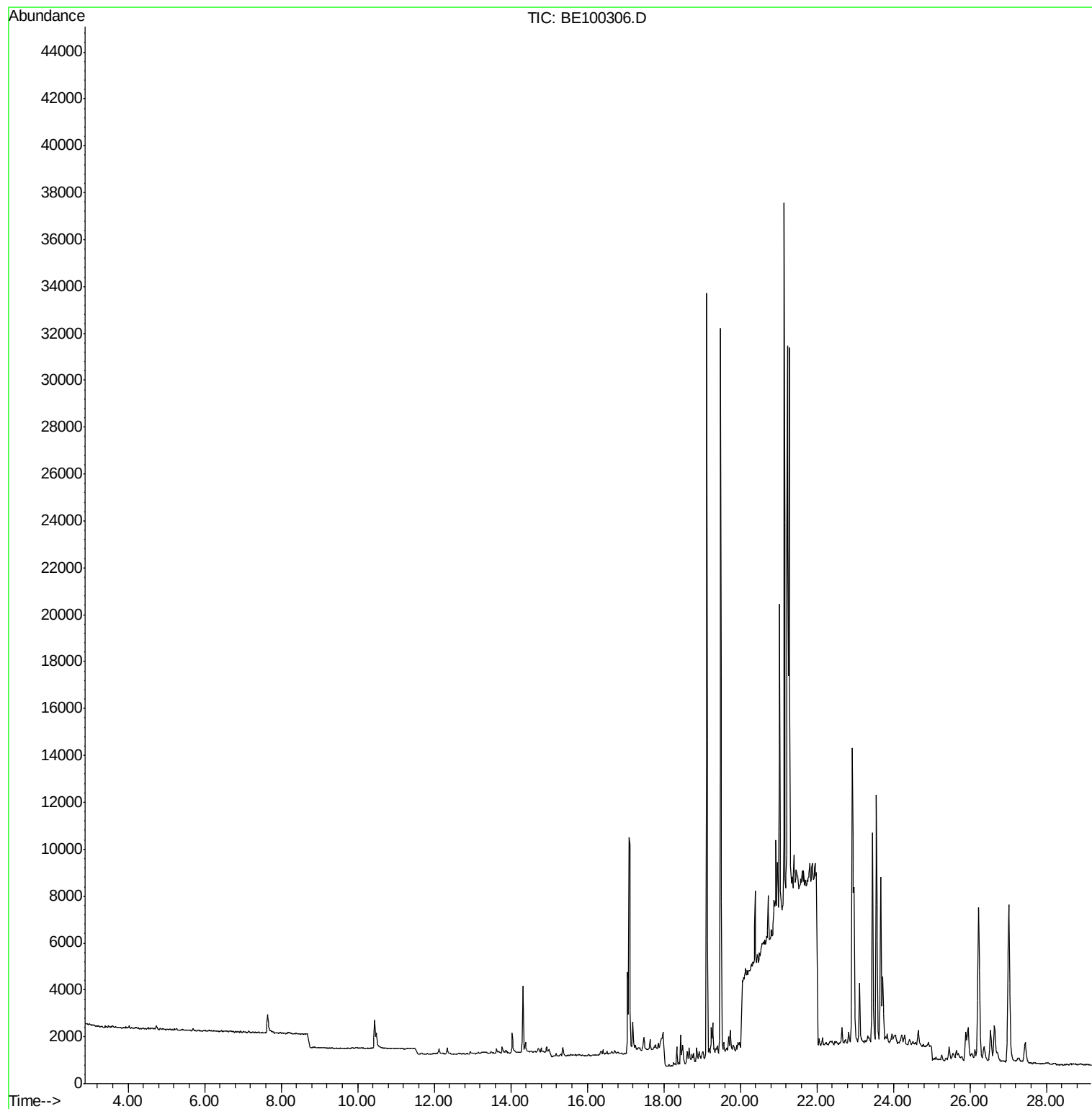
Target Compounds	Qvalue
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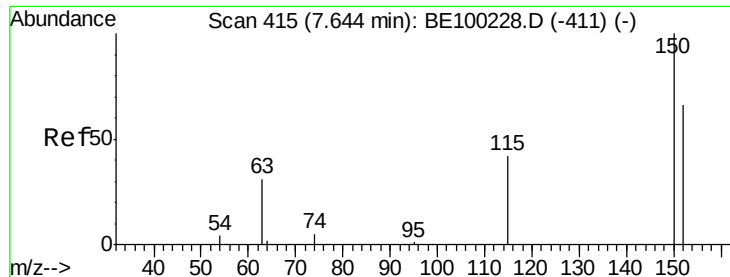
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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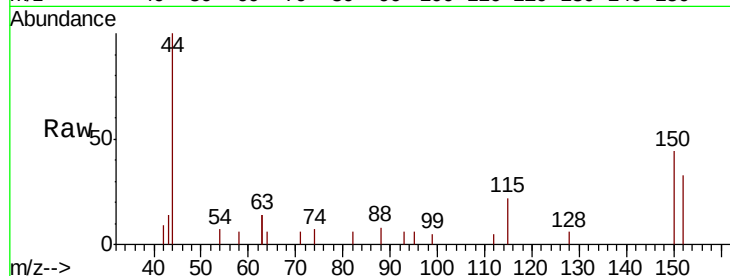


#1

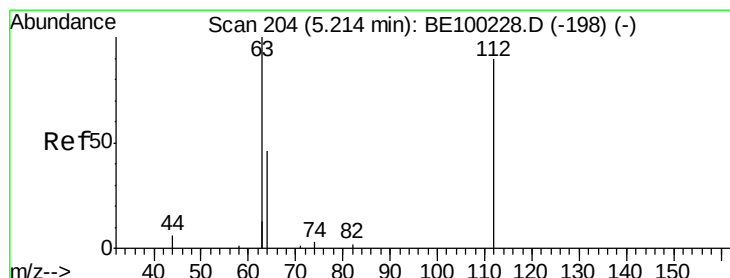
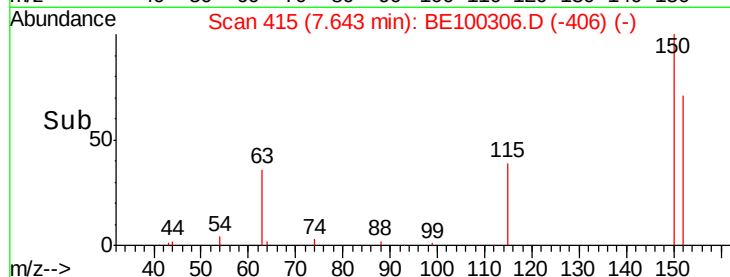
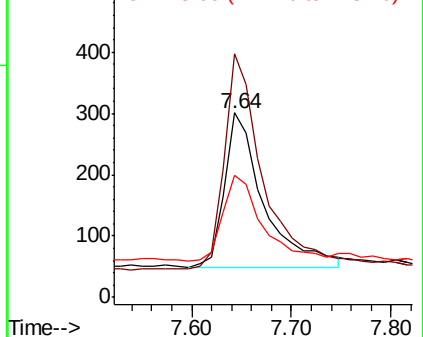
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100306.D
Acq: 2 Jul 2019 17:27

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719DL

Tgt Ion:152 Resp: 700
Ion Ratio Lower Upper
152 100
150 131.9 114.5 171.7
115 66.1 57.1 85.7



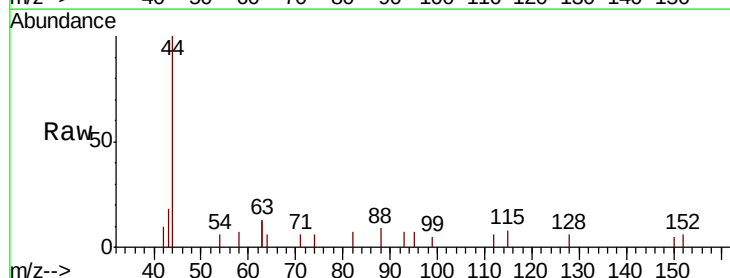
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



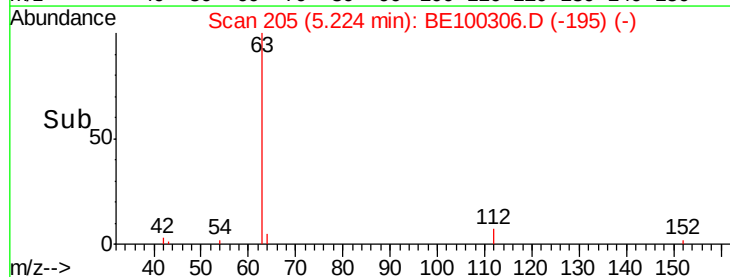
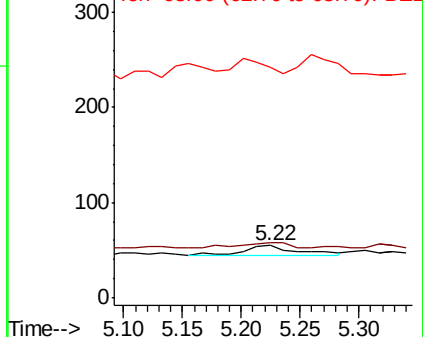
#4

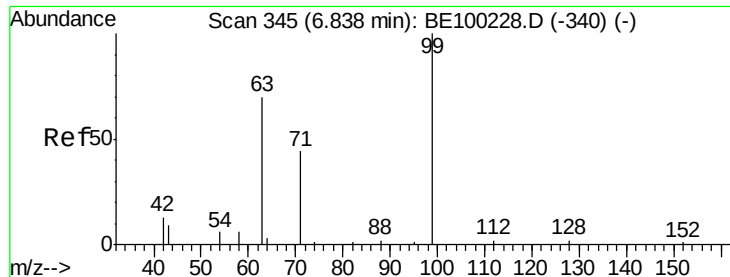
2-Fluorophenol
Concen: 0.017 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100306.D
Acq: 2 Jul 2019 17:27

Tgt Ion:112 Resp: 31
Ion Ratio Lower Upper
112 100
64 38.7 39.4 59.0#
63 0.0 104.5 156.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.011 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.03 min

Lab File: BE100306.D

Acq: 2 Jul 2019 17:27

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719DL

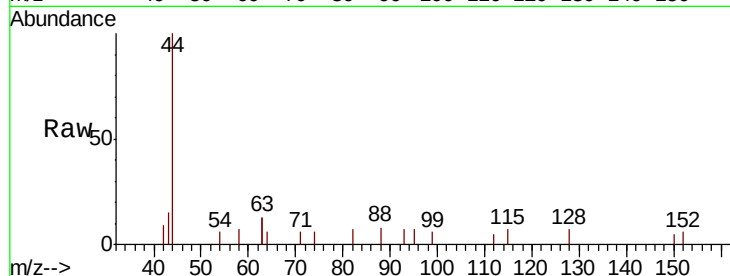
Tgt Ion: 99 Resp: 27

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

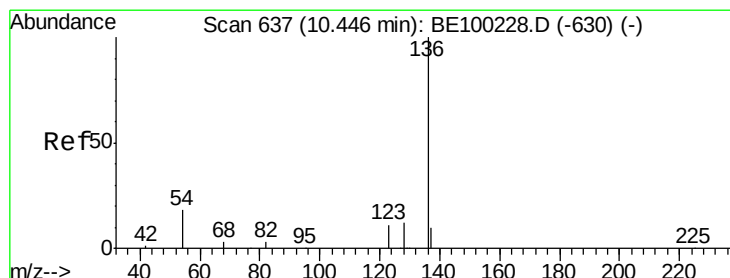
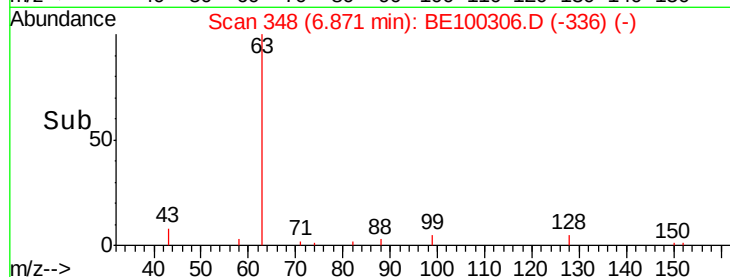
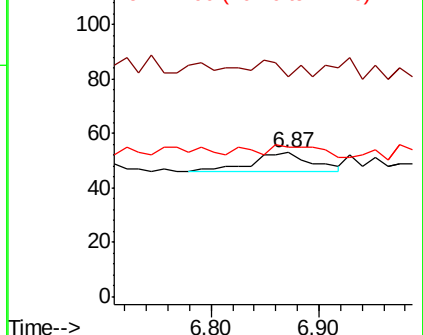
71 51.9 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100306.D

Acq: 2 Jul 2019 17:27

Tgt Ion: 136 Resp: 2385

Ion Ratio Lower Upper

136 100

137 15.4 11.8 17.8

54 34.0 27.7 41.5

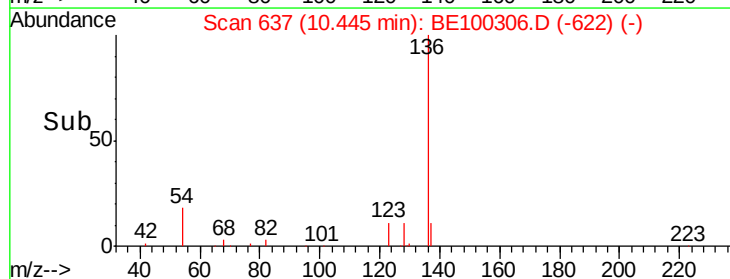
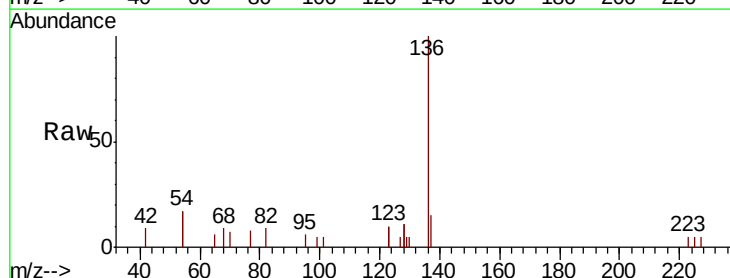
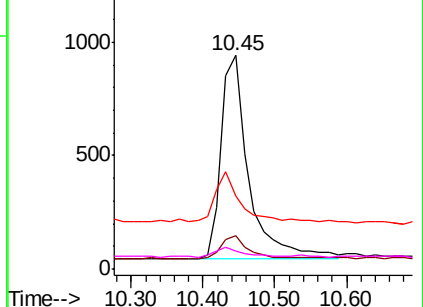
68 8.7 6.8 10.2

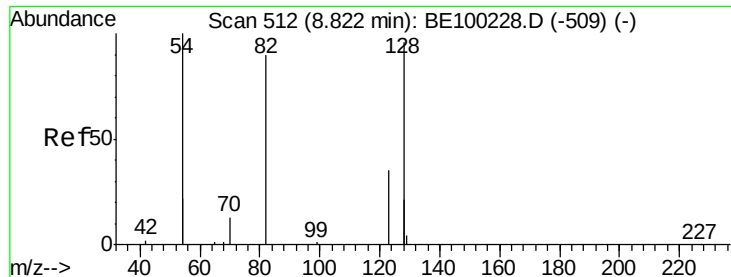
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.010 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100306.D

Acq: 2 Jul 2019 17:27

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719DL

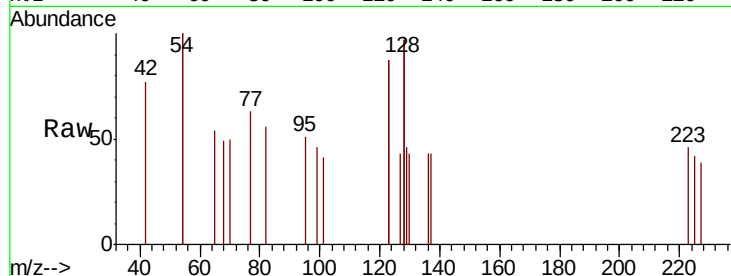
Tgt Ion: 82 Resp: 24

Ion Ratio Lower Upper

82 100

128 346.0 140.9 211.3#

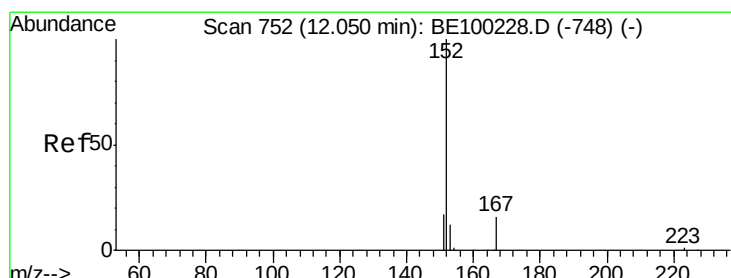
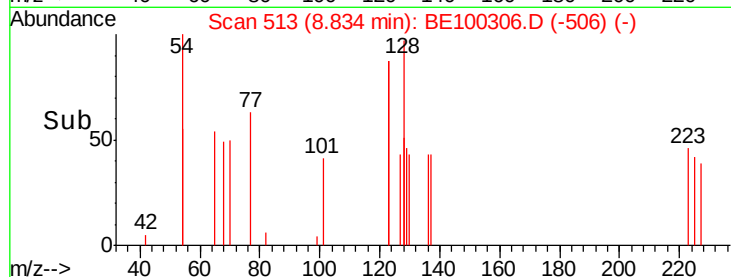
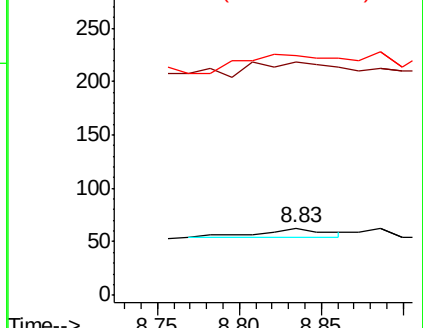
54 355.6 146.2 219.2#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.007 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.00 min

Lab File: BE100306.D

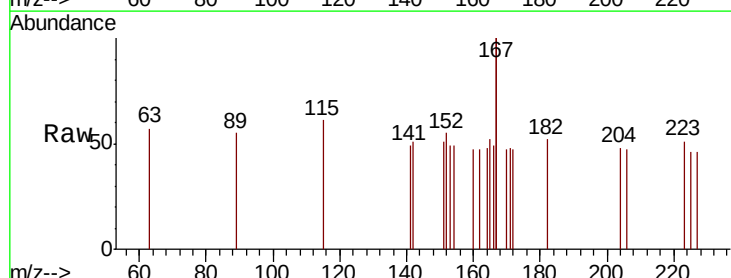
Acq: 2 Jul 2019 17:27

Tgt Ion: 152 Resp: 30

Ion Ratio Lower Upper

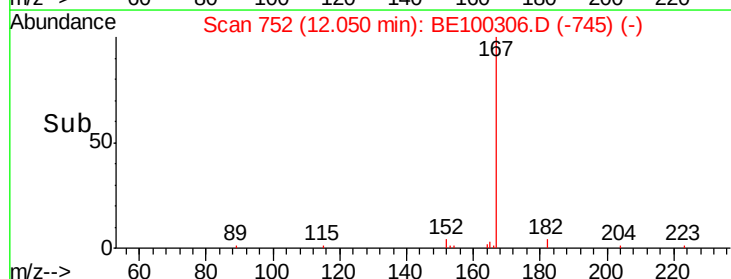
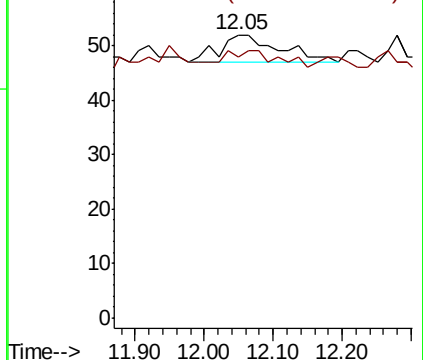
152 100

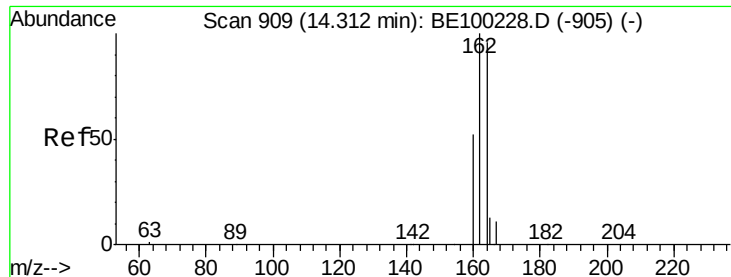
151 53.3 15.1 22.7#



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: 14.31 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE100306.D

Acq: 2 Jul 2019 17:27

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719DL

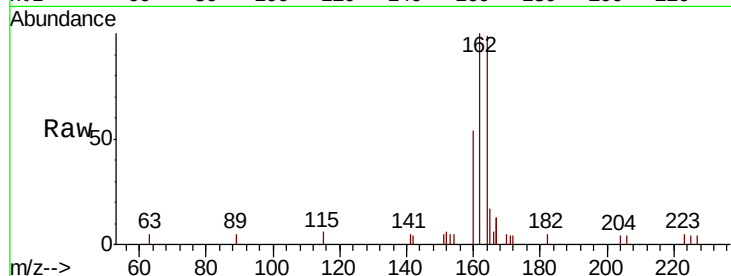
Tgt Ion:164 Resp: 2051

Ion Ratio Lower Upper

164 100

162 101.0 83.4 125.0

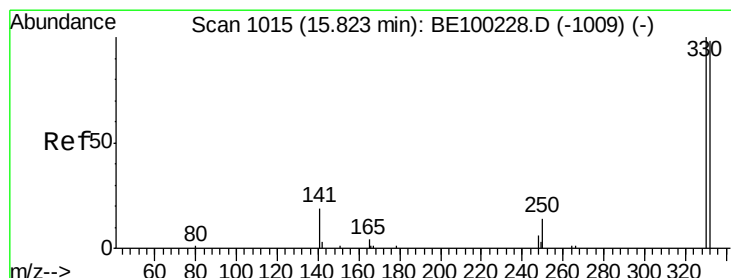
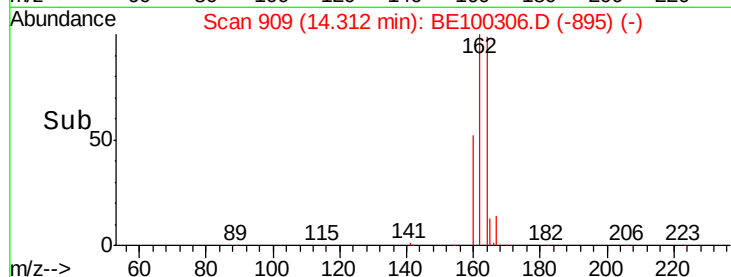
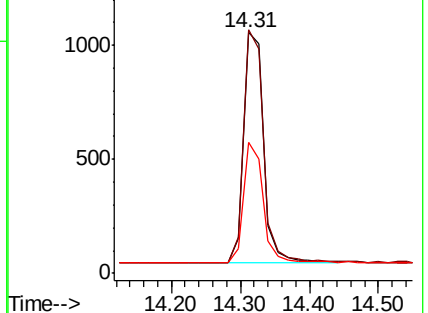
160 54.3 45.0 67.6



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: 0.019 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100306.D

Acq: 2 Jul 2019 17:27

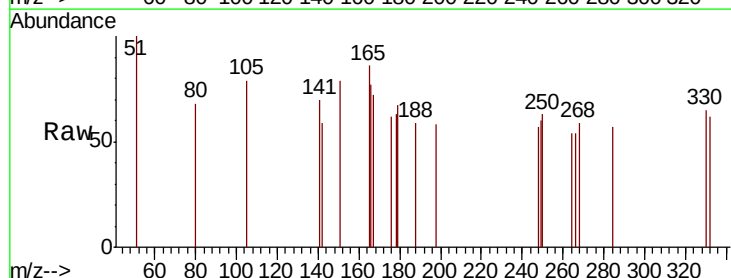
Tgt Ion:330 Resp: 27

Ion Ratio Lower Upper

330 100

332 103.7 77.0 115.4

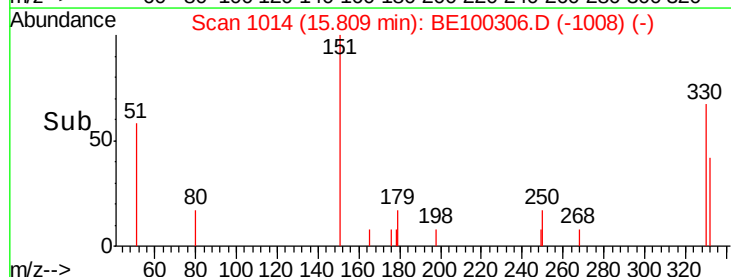
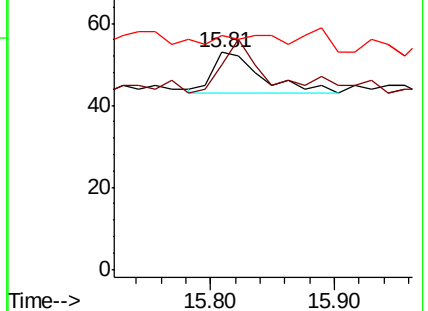
141 22.2 22.0 33.0

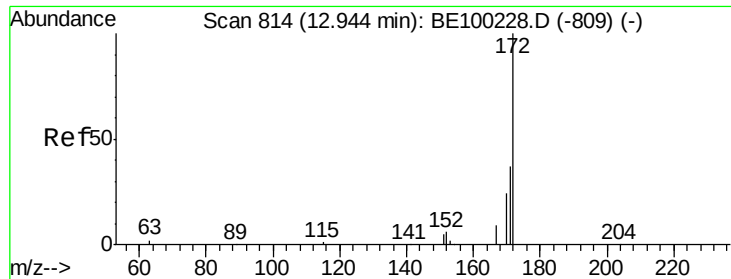


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

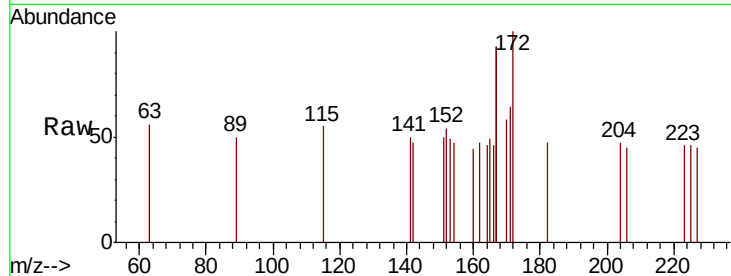




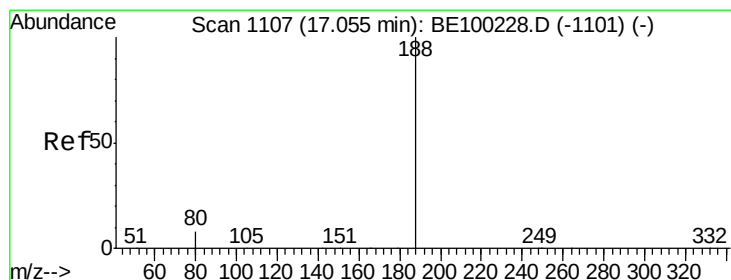
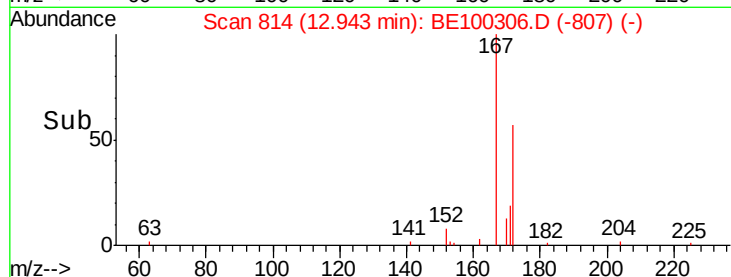
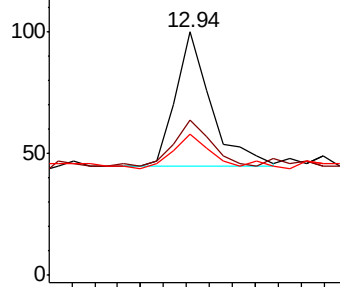
#15
2-Fluorobiphenyl
Concen: 0.015 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100306.D
Acq: 2 Jul 2019 17:27

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719DL

Tgt Ion:172 Resp: 117
Ion Ratio Lower Upper
172 100
171 64.0 31.9 47.9#
170 58.0 22.2 33.2#

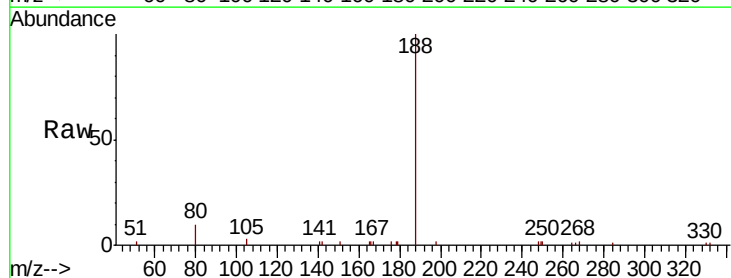


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

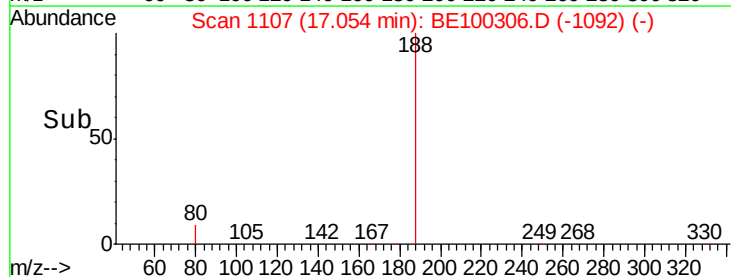
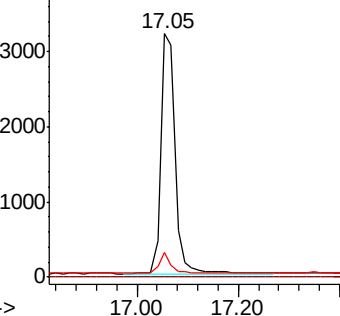


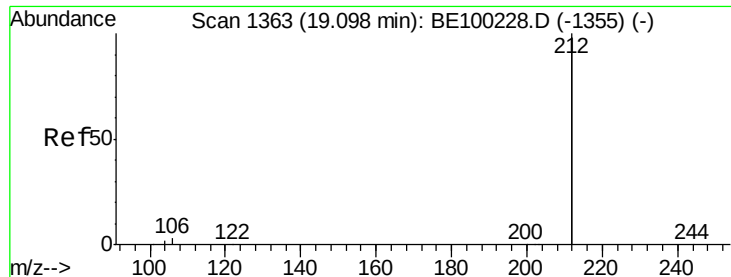
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100306.D
Acq: 2 Jul 2019 17:27

Tgt Ion:188 Resp: 6196
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

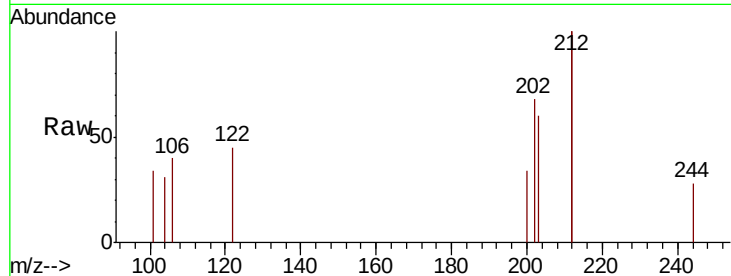




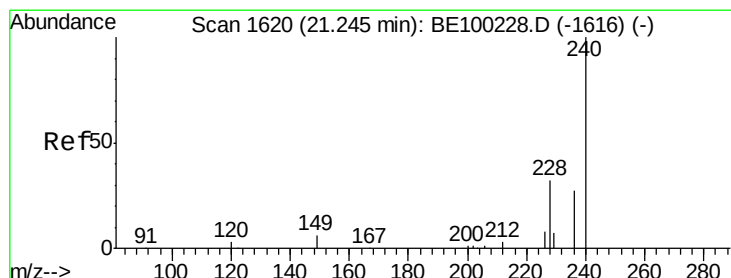
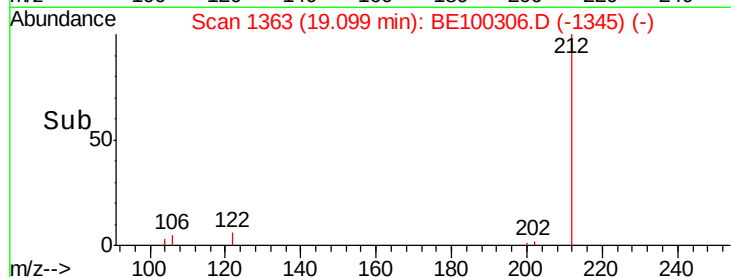
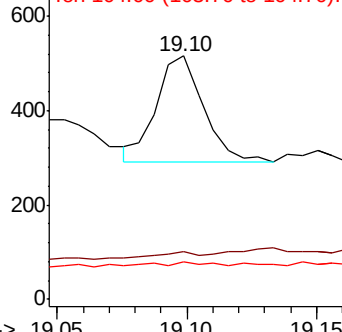
#25
Fluoranthene-d10
Concen: 0.003 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100306.D
Acq: 2 Jul 2019 17:27

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW117-061719DL

Tgt Ion: 212 Resp: 283
Ion Ratio Lower Upper
212 100
106 6.7 1.3 1.9#
104 6.4 0.8 1.2#

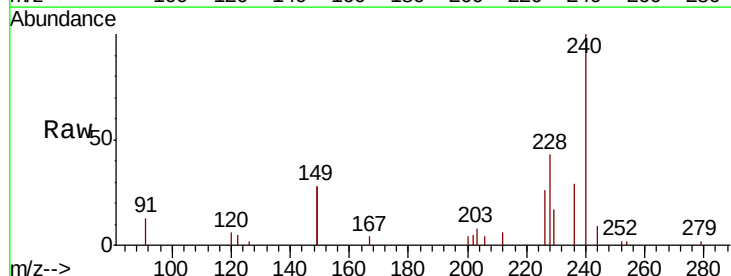


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

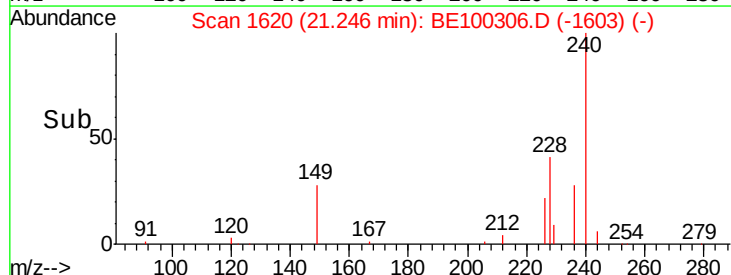
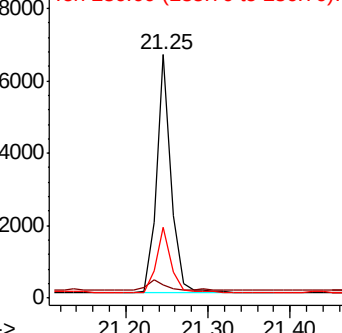


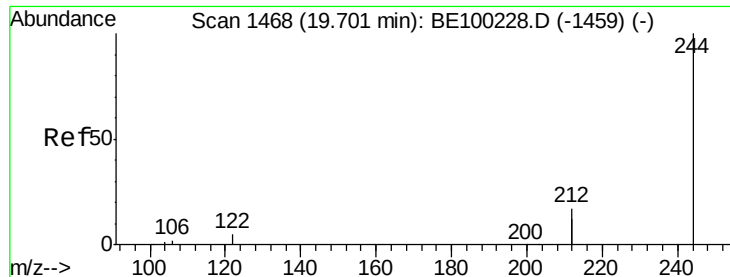
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100306.D
Acq: 2 Jul 2019 17:27

Tgt Ion: 240 Resp: 8271
Ion Ratio Lower Upper
240 100
120 5.6 3.3 4.9#
236 29.3 22.6 34.0



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: 0.034 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100306.D

Acq: 2 Jul 2019 17:27

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW117-061719DL

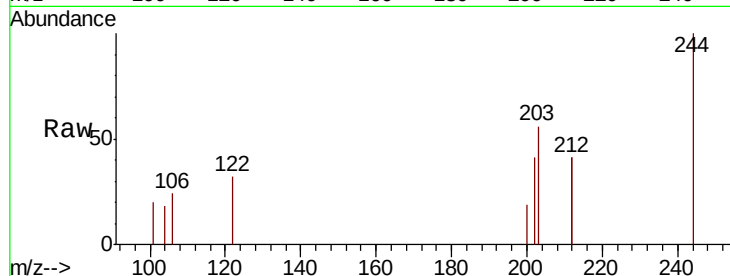
Tgt Ion:244 Resp: 576

Ion Ratio Lower Upper

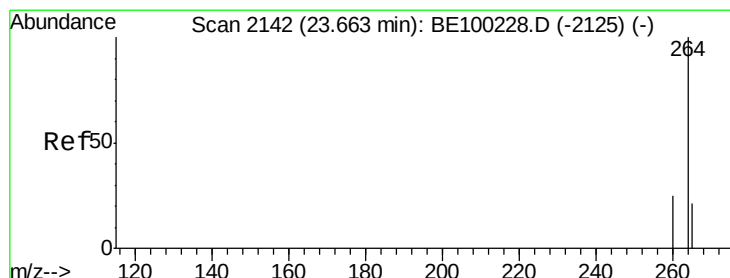
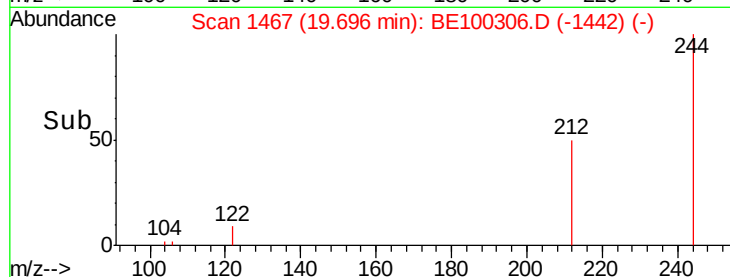
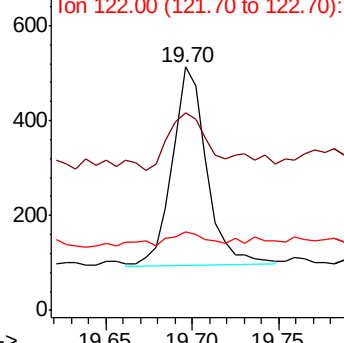
244 100

212 81.1 27.3 40.9#

122 32.4 4.7 7.1#



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: 23.67 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BE100306.D

Acq: 2 Jul 2019 17:27

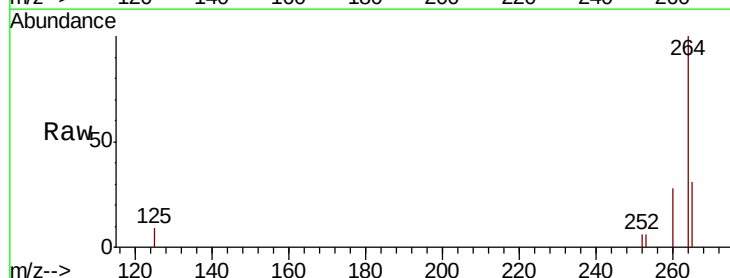
Tgt Ion:264 Resp: 9751

Ion Ratio Lower Upper

264 100

260 27.6 20.8 31.2

265 31.4 21.8 32.6



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

