

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
 Data File : BE098629.D
 Acq On : 15 Jan 2019 15:58
 Operator : SJ/JU
 Sample : PB116377BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB116377BL

Quant Time: Jan 15 16:52:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1045	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4023	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	2355	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5337	0.40	ng	0.00
27) Chrysene-d12	21.42	240	6976	0.40	ng	0.00
34) Perylene-d12	23.93	264	7238	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	837	0.30	ng	0.00
5) Phenol-d6	7.01	99	1130	0.28	ng	0.02
8) Nitrobenzene-d5	9.00	82	879	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1669	0.25	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	272	0.27	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2902	0.30	ng	0.01
25) Fluoranthene-d10	19.26	212	18567	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	4563	0.30	ng	0.00

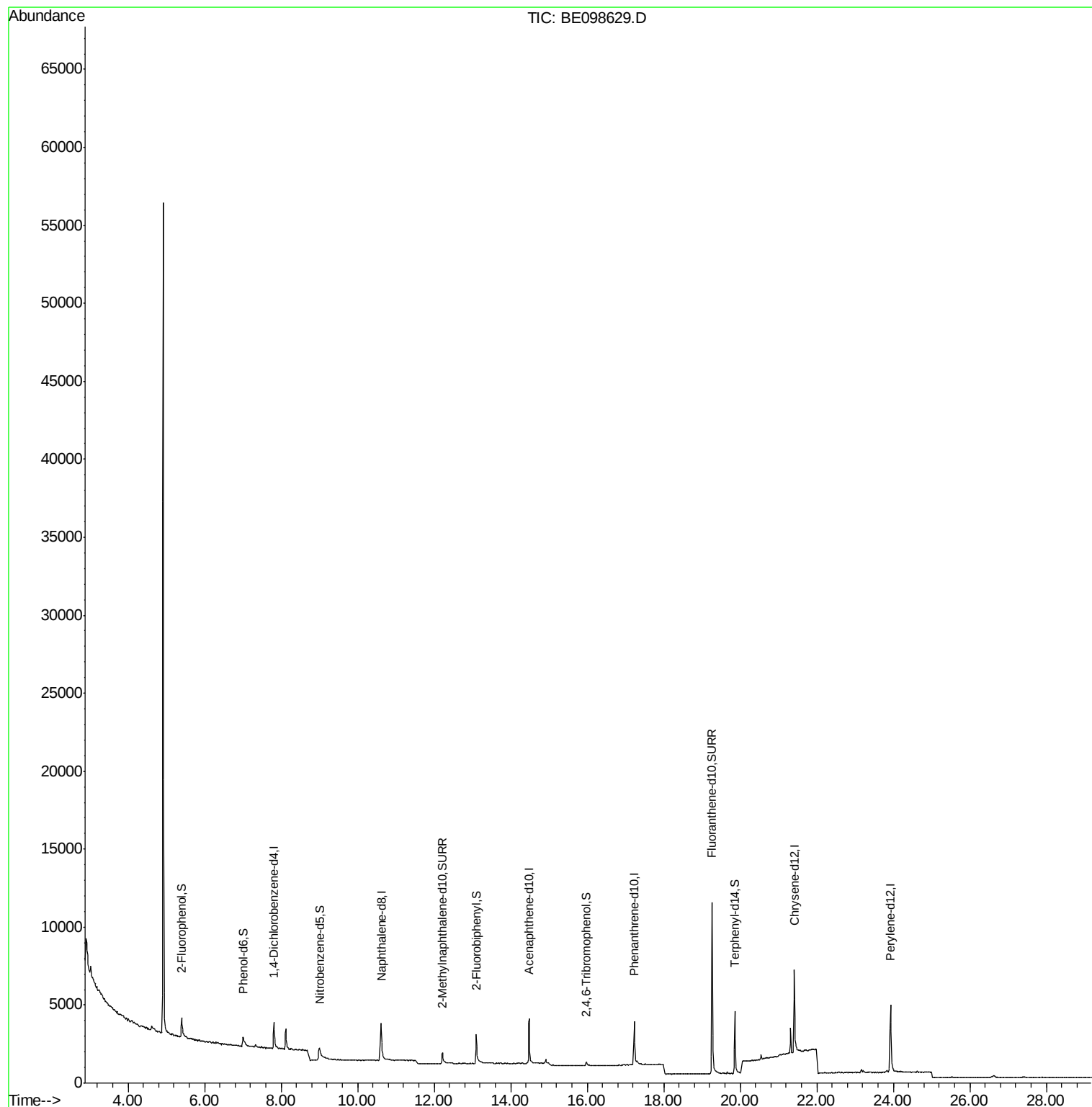
Target Compounds	Qvalue
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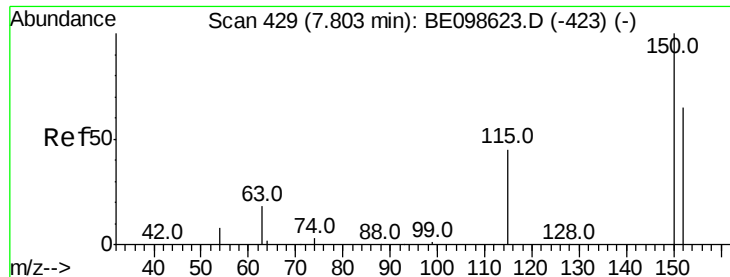
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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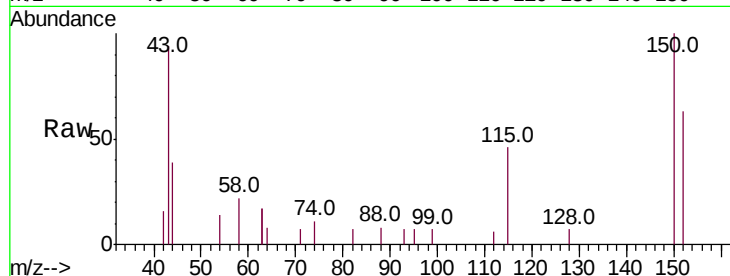


#1

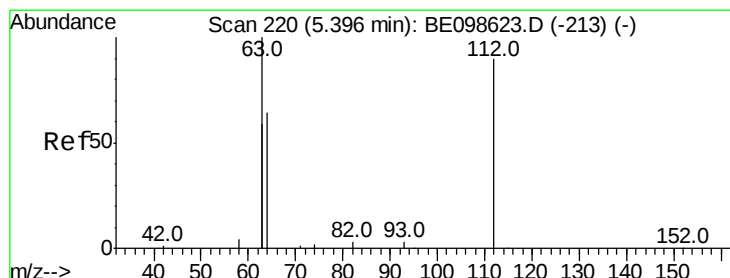
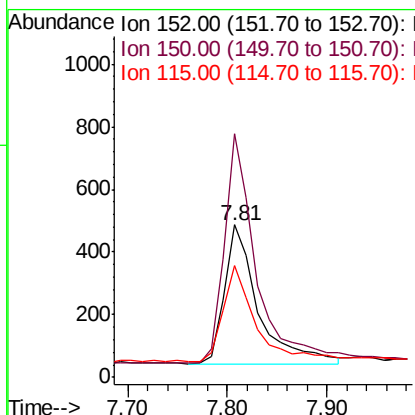
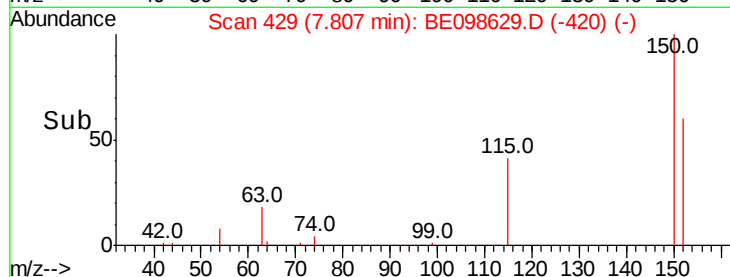
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.81 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BE098629.D
 Acq: 15 Jan 2019 15:58

Instrument :
 BNA_E
 ClientSampleId :
 PB116377BL

Tot Ion:152 Resp: 1045
 Ion Ratio Lower Upper
 152 100
 150 159.5 121.4 182.2
 115 73.1 59.1 88.7



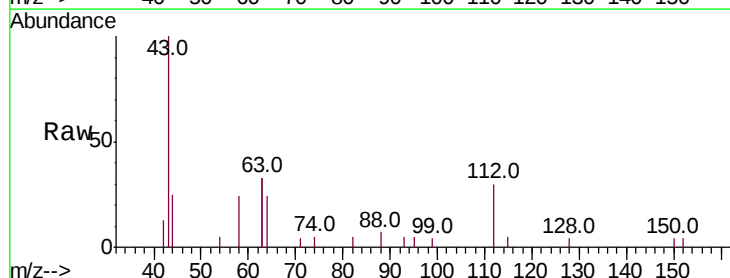
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



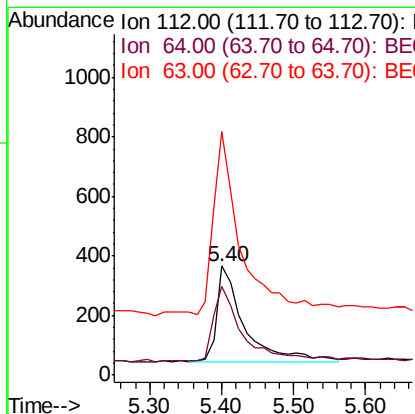
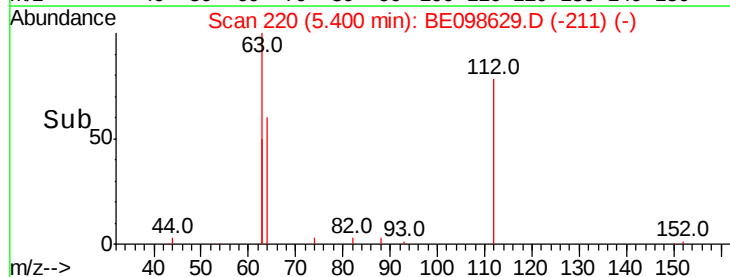
#4

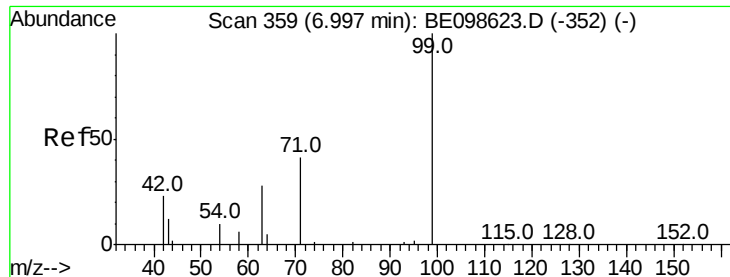
2-Fluorophenol
 Concen: 0.300 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE098629.D
 Acq: 15 Jan 2019 15:58

Tgt Ion:112 Resp: 837
 Ion Ratio Lower Upper
 112 100
 64 80.0 62.9 94.3
 63 200.2 152.2 228.4



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: 0.285 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098629.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_E

ClientSampleId :

PB116377BL

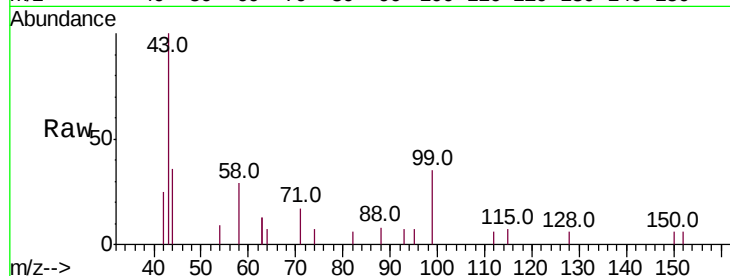
Tot Ion: 99 Resp: 1130

Ion Ratio Lower Upper

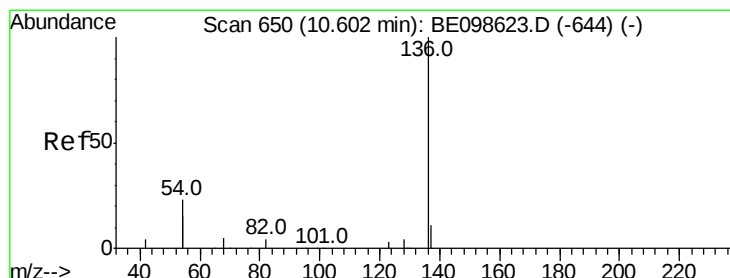
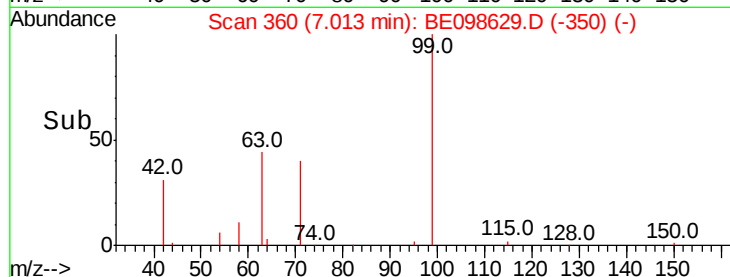
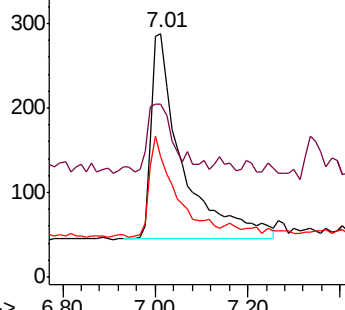
99 100

42 27.8 24.6 37.0

71 41.9 35.1 52.7



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE098629.D

Acq: 15 Jan 2019 15:58

Tgt Ion:136 Resp: 4023

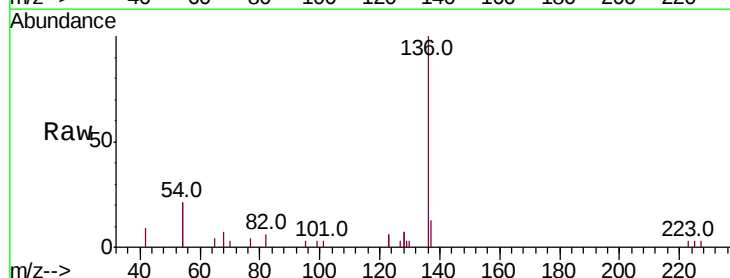
Ion Ratio Lower Upper

136 100

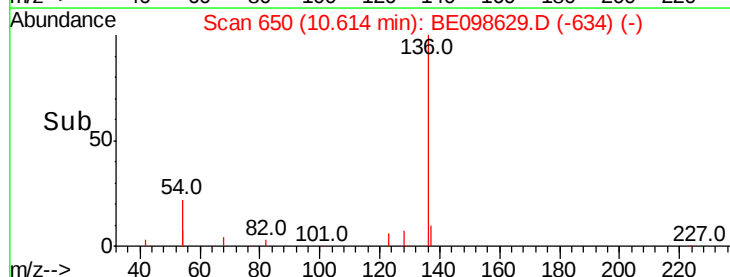
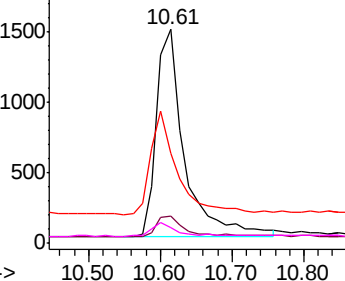
137 12.7 9.7 14.5

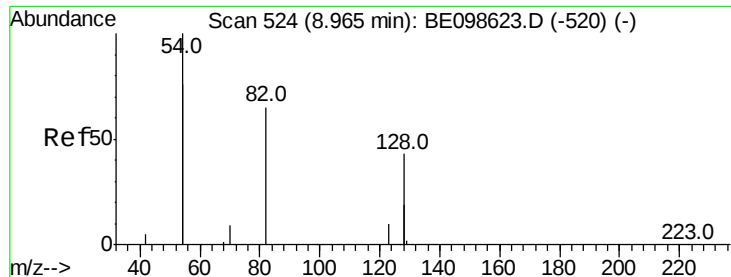
54 42.1 35.5 53.3

68 7.4 5.0 7.6



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: 0.275 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098629.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_E

ClientSampleId :

PB116377BL

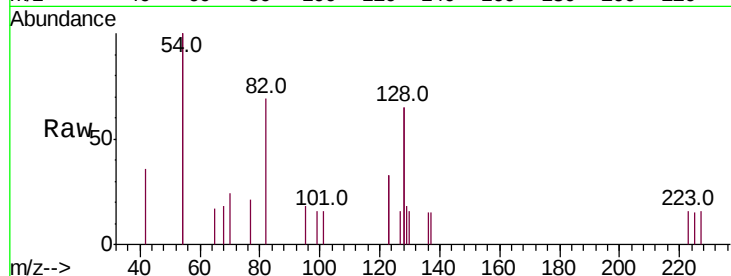
Tot Ion: 82 Resp: 879

Ion Ratio Lower Upper

82 100

128 187.3 96.5 144.7#

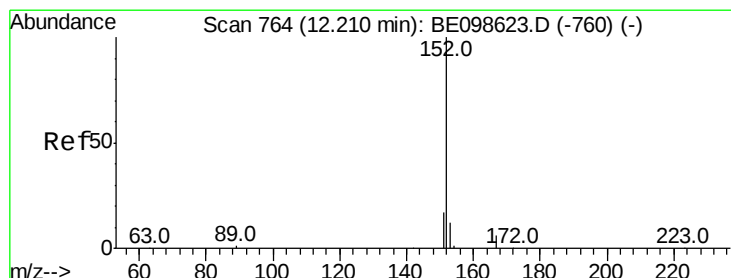
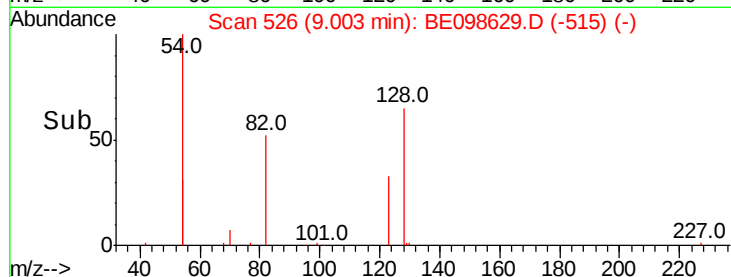
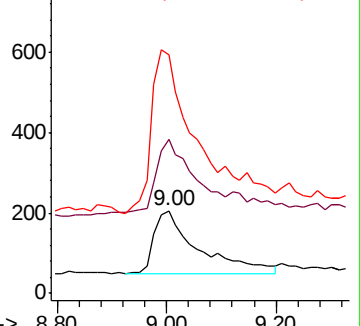
54 289.8 224.7 337.1



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: 0.252 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE098629.D

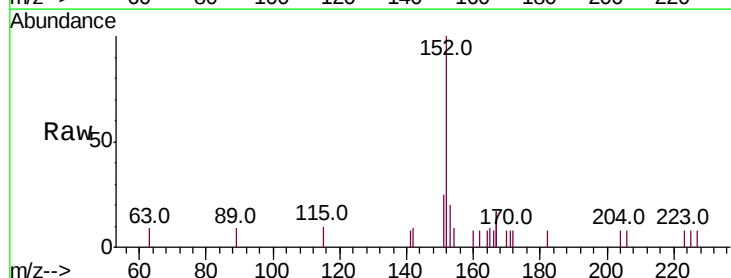
Acq: 15 Jan 2019 15:58

Tgt Ion: 152 Resp: 1669

Ion Ratio Lower Upper

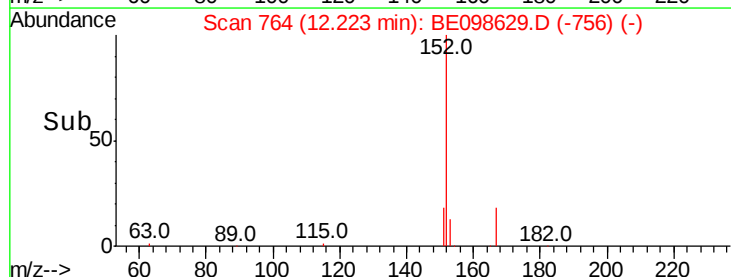
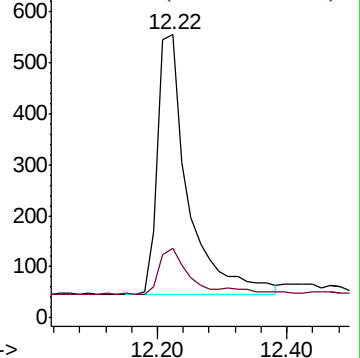
152 100

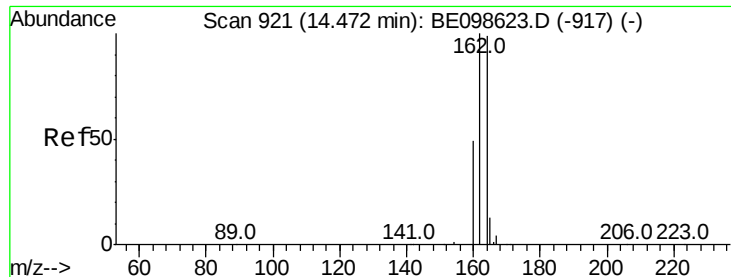
151 16.0 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

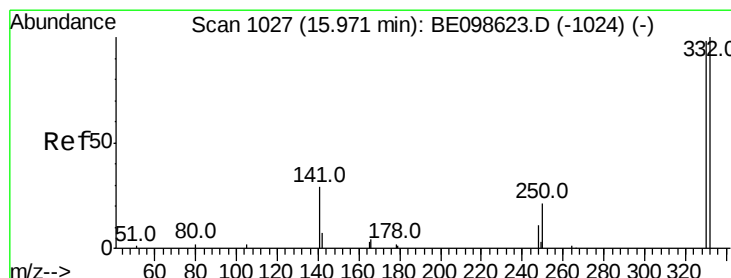
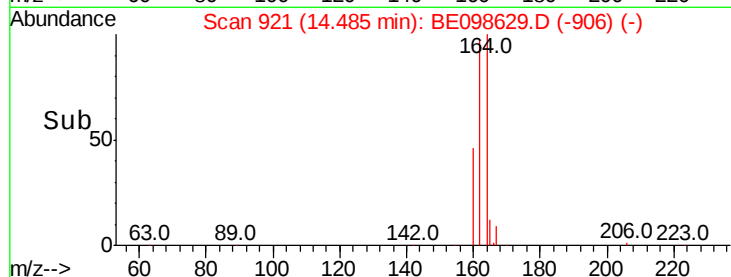
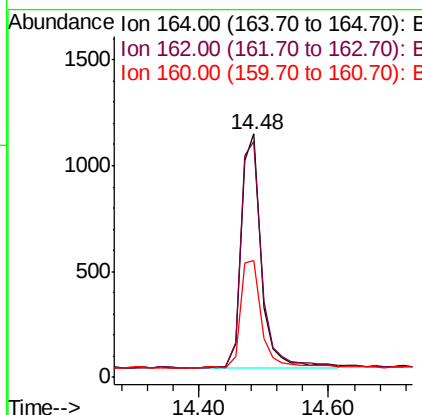
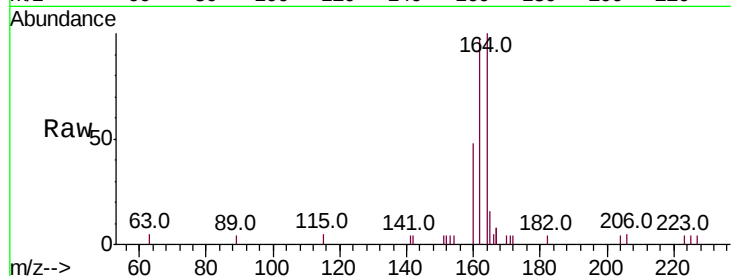




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE098629.D
Acq: 15 Jan 2019 15:58

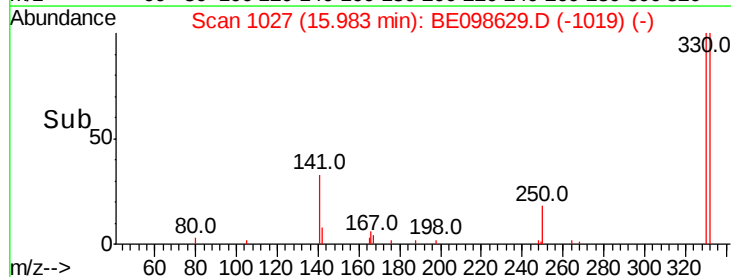
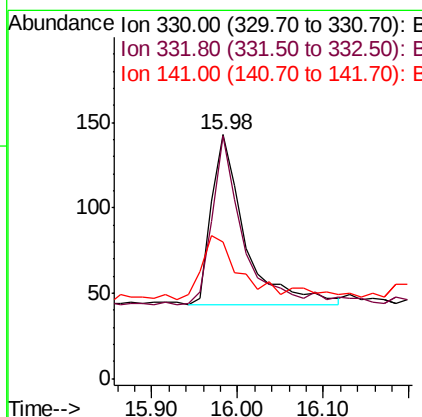
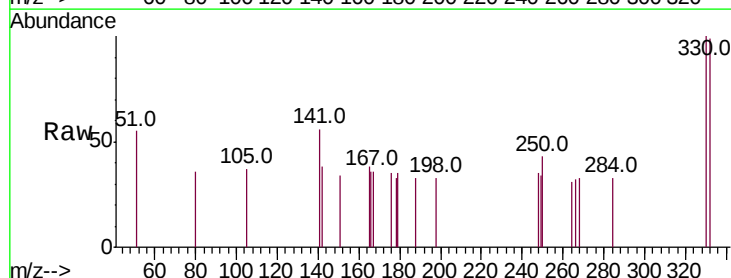
Instrument :
BNA_E
ClientSampleId :
PB116377BL

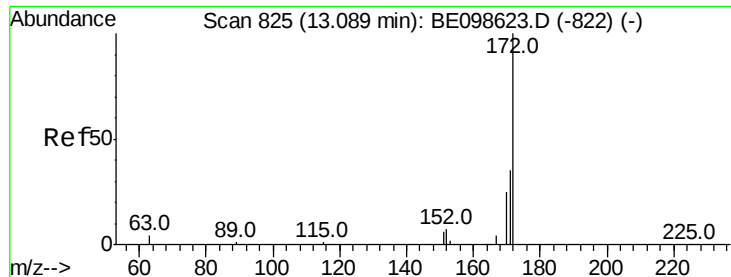
Tot Ion:164 Resp: 2355
Ion Ratio Lower Upper
164 100
162 96.7 80.5 120.7
160 47.9 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098629.D
Acq: 15 Jan 2019 15:58

Tgt Ion:330 Resp: 272
Ion Ratio Lower Upper
330 100
332 87.9 73.3 109.9
141 44.1 33.1 49.7

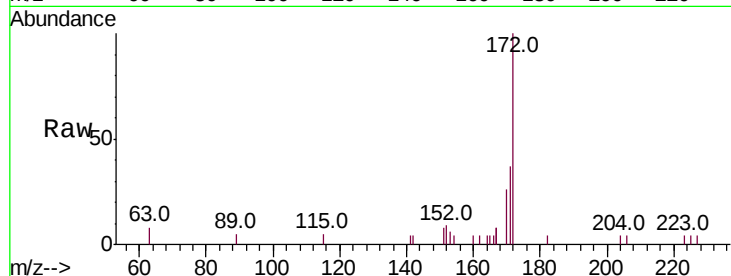




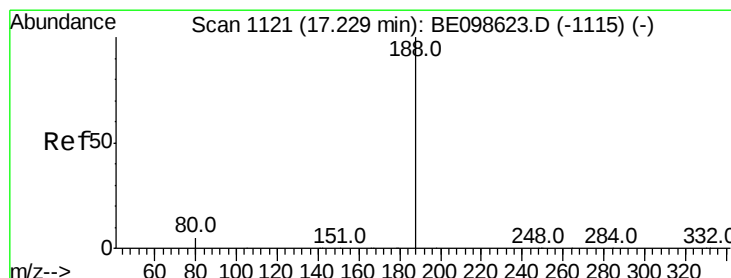
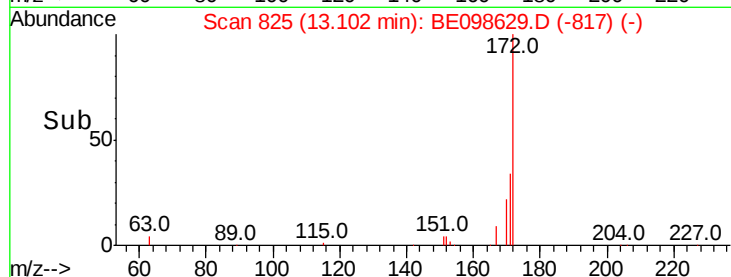
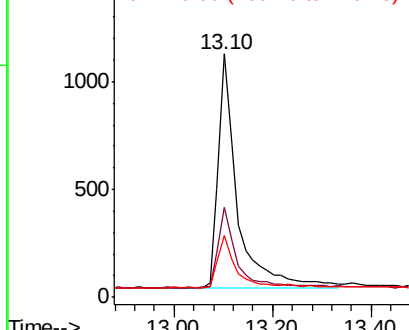
#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098629.D
Acq: 15 Jan 2019 15:58

Instrument :
BNA_E
ClientSampleId :
PB116377BL

Tot Ion:172 Resp: 2902
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.4
170 25.6 20.8 31.2

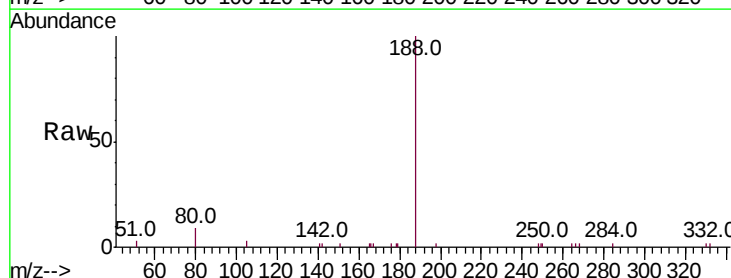


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

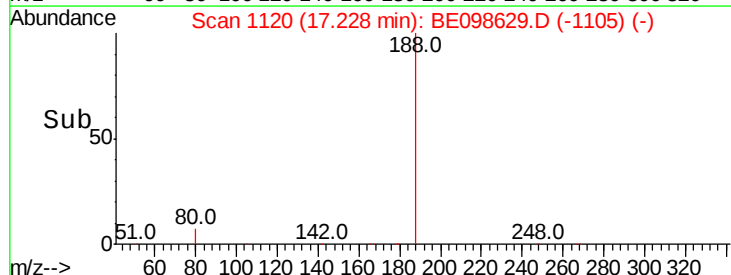
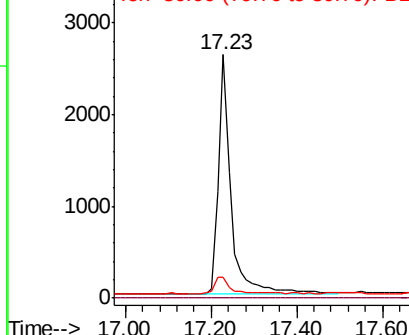


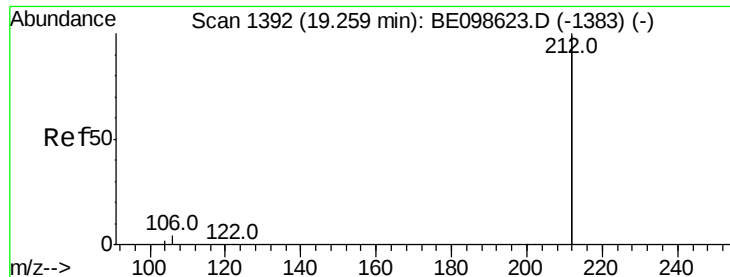
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098629.D
Acq: 15 Jan 2019 15:58

Tgt Ion:188 Resp: 5337
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 4.7 7.1#



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: 0.281 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098629.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_E

ClientSampleId :

PB116377BL

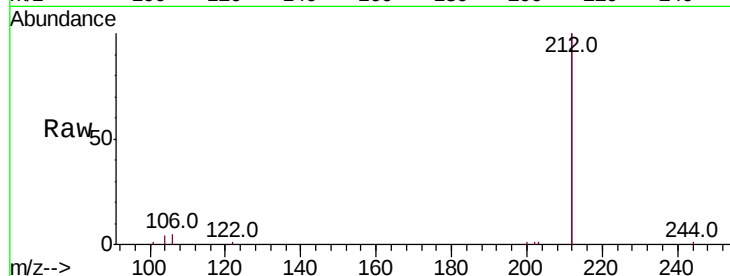
Tot Ion:212 Resp: 18567

Ion Ratio Lower Upper

212 100

106 2.2 1.7 2.5

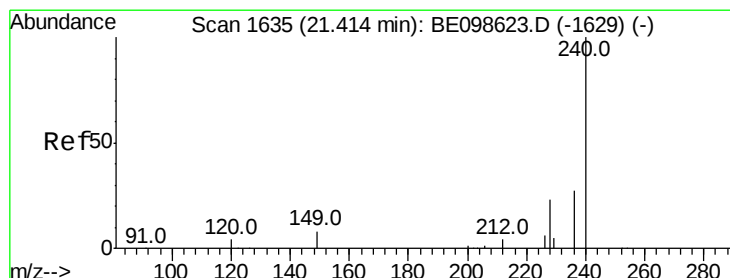
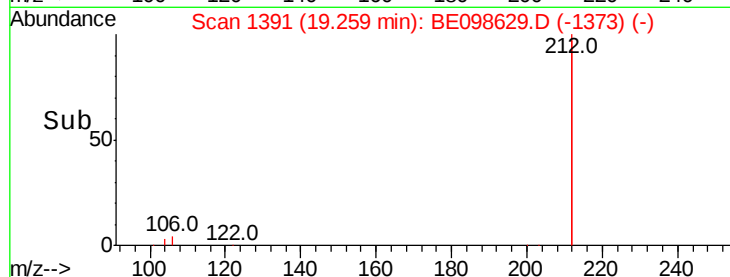
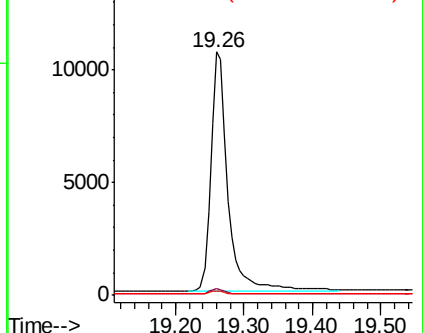
104 1.2 1.0 1.6



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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098629.D

Acq: 15 Jan 2019 15:58

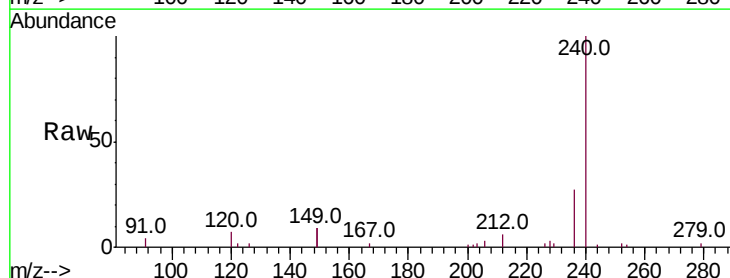
Tgt Ion:240 Resp: 6976

Ion Ratio Lower Upper

240 100

120 6.7 4.7 7.1

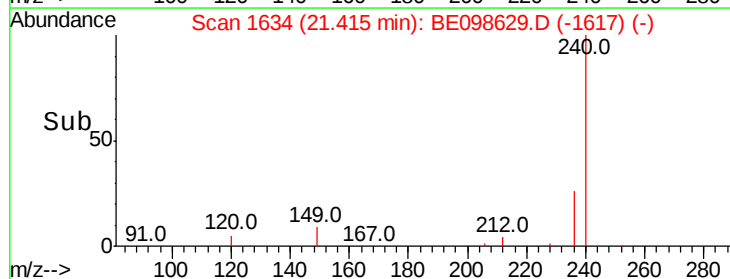
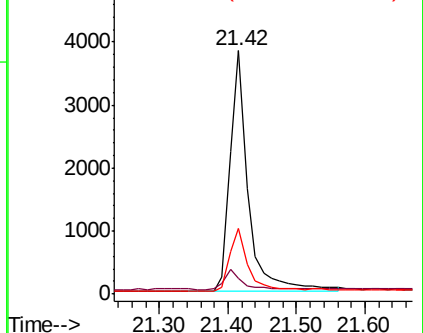
236 27.1 21.9 32.9

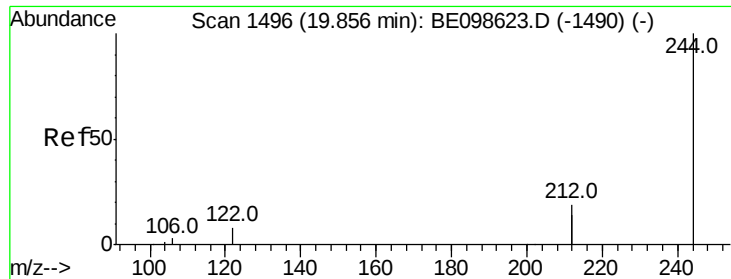


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.296 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098629.D

Acq: 15 Jan 2019 15:58

Instrument :

BNA_E

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PB116377BL

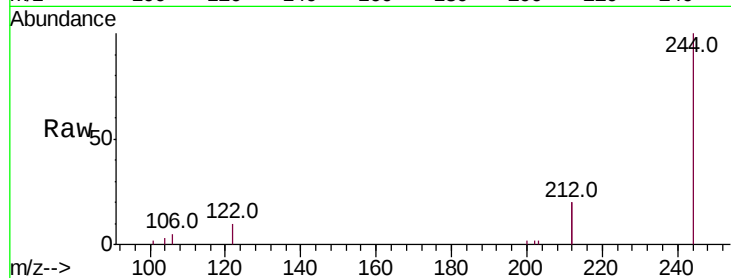
Tot Ion:244 Resp: 4563

Ion Ratio Lower Upper

244 100

212 40.8 29.4 44.2

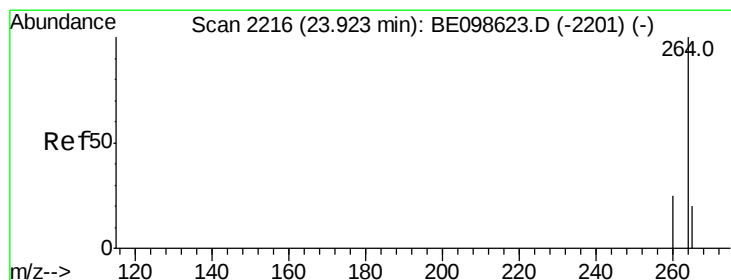
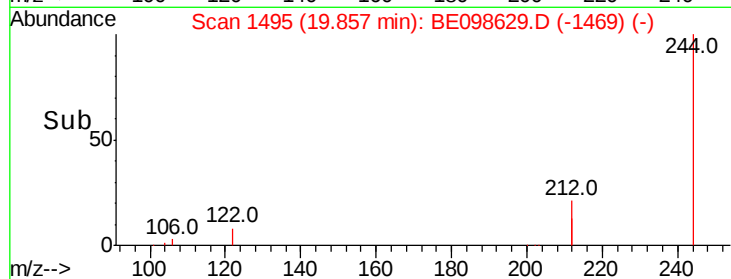
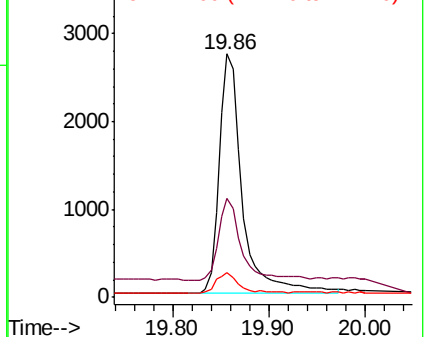
122 10.1 7.1 10.7



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: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098629.D

Acq: 15 Jan 2019 15:58

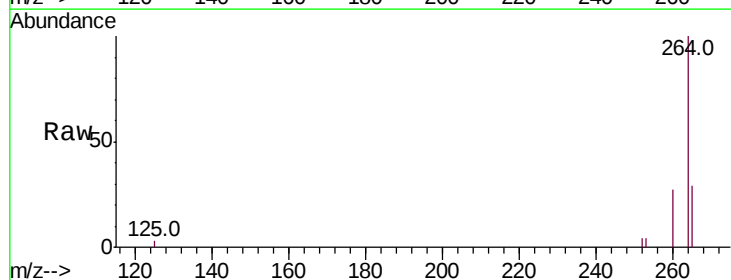
Tgt Ion:264 Resp: 7238

Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

265 29.0 22.3 33.5



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

