

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099627.D
 Acq On : 16 May 2019 17:50
 Operator : JU/SJ
 Sample : PB119762BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119762BL

Quant Time: May 17 07:03:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

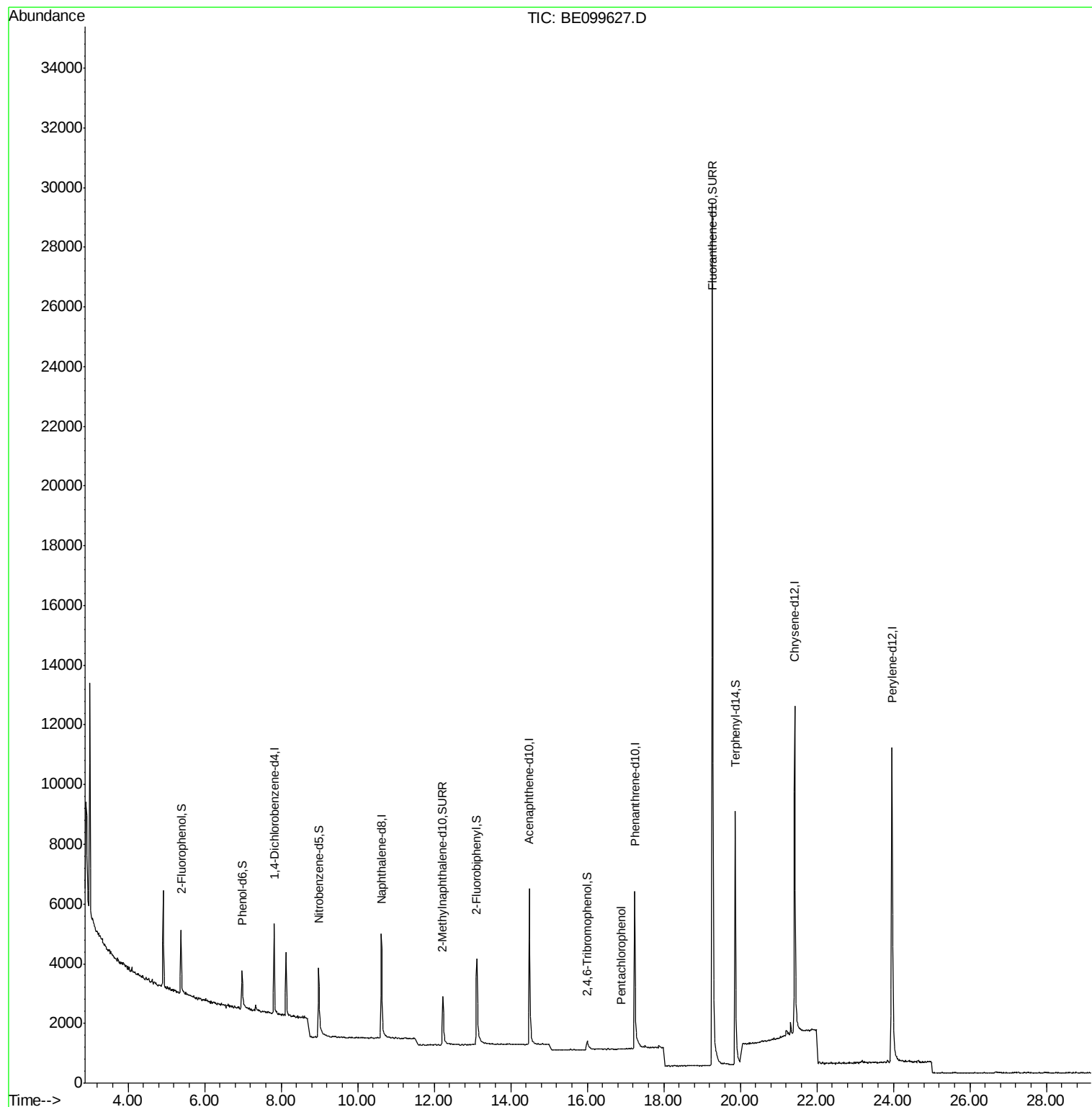
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1747	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5727	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	4056	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12089	0.40	ng	0.01
27) Chrysene-d12	21.43	240	15682	0.40	ng	0.01
34) Perylene-d12	23.96	264	19134	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1421	0.29	ng	0.01
5) Phenol-d6	6.97	99	1849	0.29	ng	0.00
8) Nitrobenzene-d5	8.98	82	1441	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3054	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	470	0.17	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	4628	0.30	ng	0.01
25) Fluoranthene-d10	19.27	212	51799	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	10712	0.38	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.88	266	6	0.277	ng	Qvalue # 72

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

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BNA_E

ClientSampleId :

PB119762BL

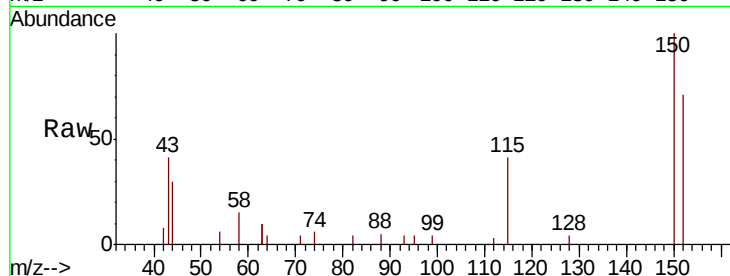
Tgt Ion:152 Resp: 1747

Ion Ratio Lower Upper

152 100

150 140.5 110.1 165.1

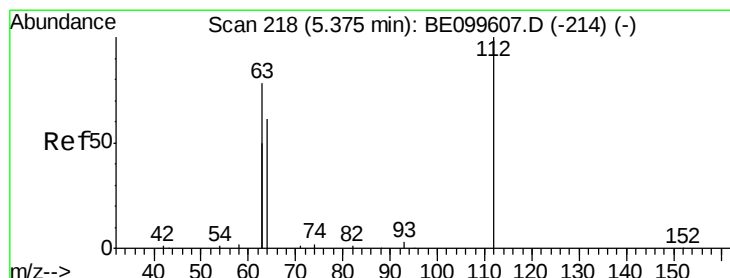
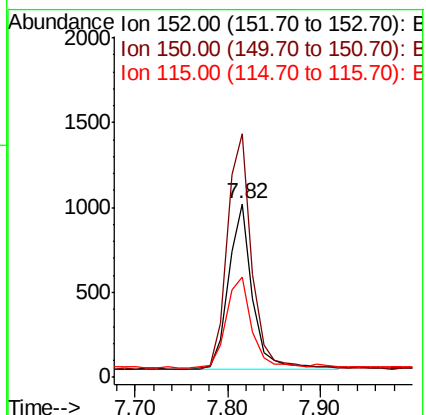
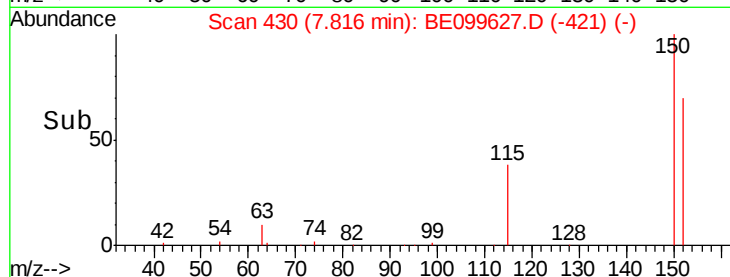
115 57.7 46.2 69.4



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: 0.287 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

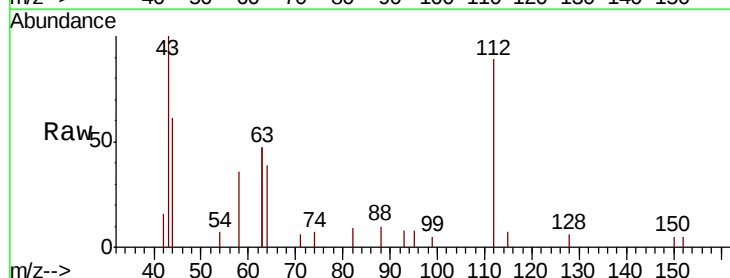
Tgt Ion:112 Resp: 1421

Ion Ratio Lower Upper

112 100

64 57.4 43.7 65.5

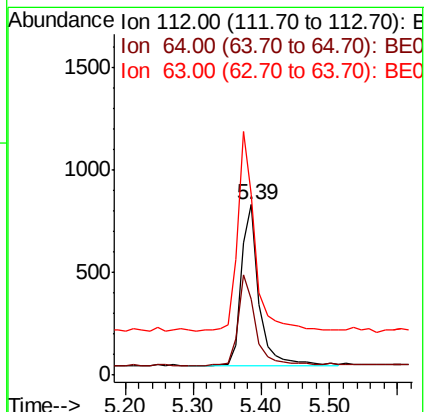
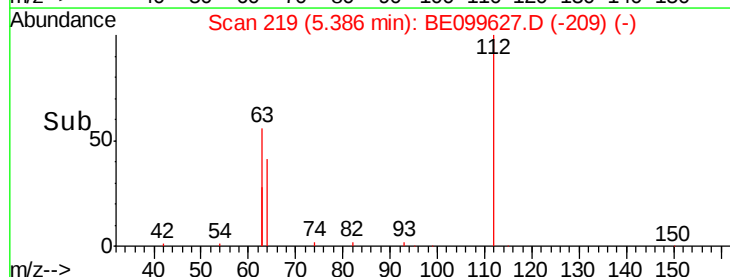
63 120.6 94.0 141.0

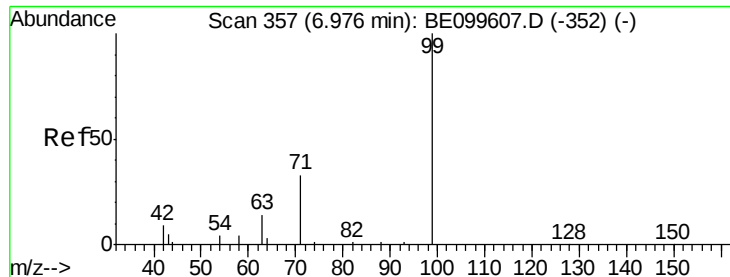


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.294 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

Instrument :

BNA_E

ClientSampleId :

PB119762BL

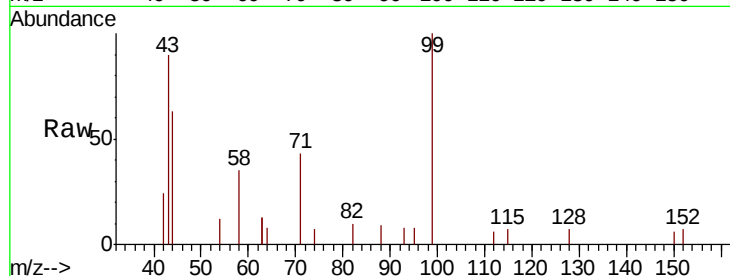
Tgt Ion: 99 Resp: 1849

Ion Ratio Lower Upper

99 100

42 15.5 14.3 21.5

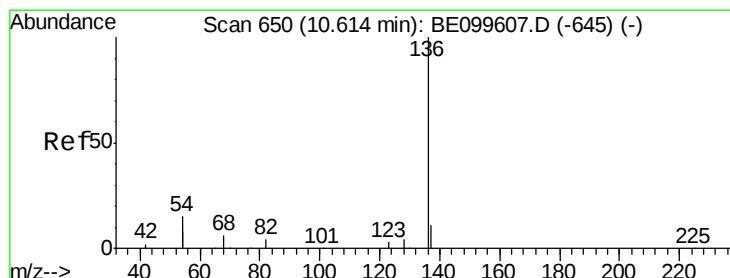
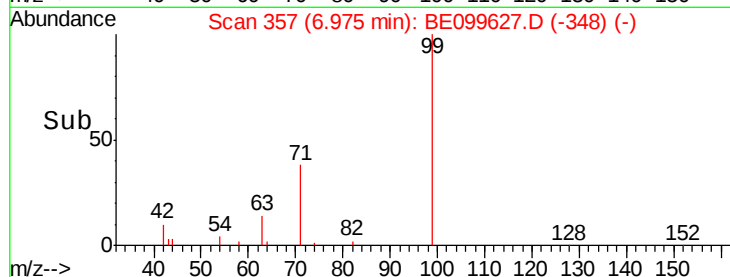
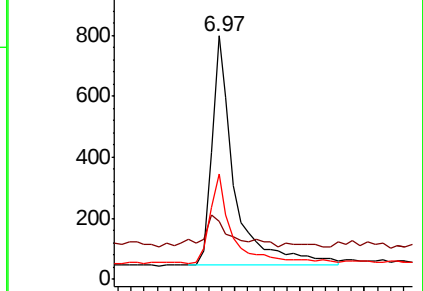
71 37.9 33.1 49.7



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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

Tgt Ion: 136 Resp: 5727

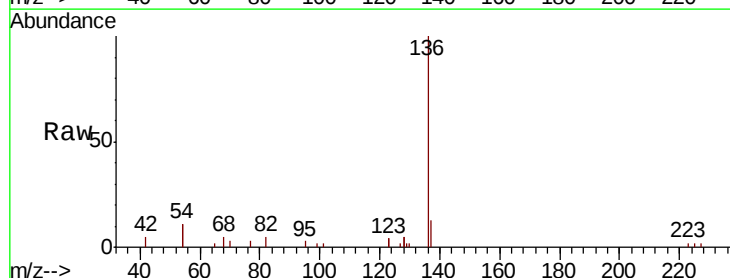
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 22.3 23.8 35.8#

68 5.4 6.2 9.2#

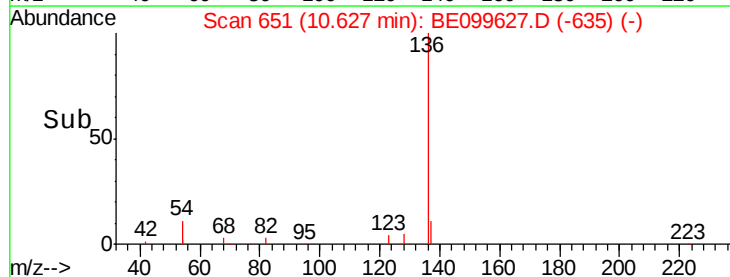
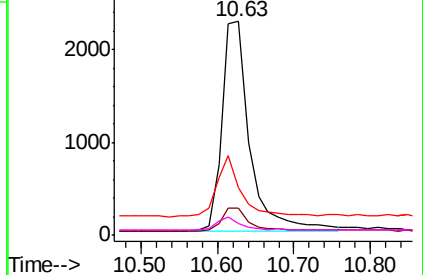


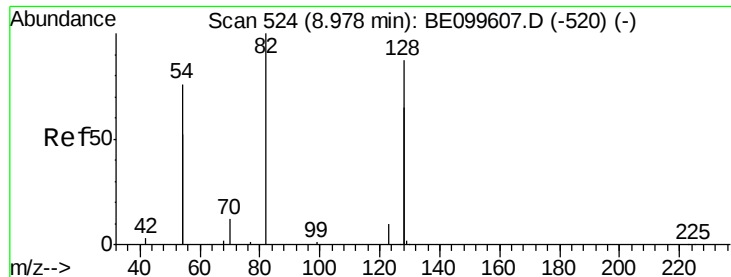
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.260 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

Instrument :

BNA_E

ClientSampleId :

PB119762BL

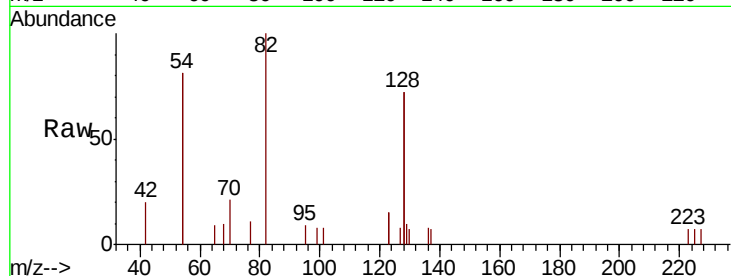
Tgt Ion: 82 Resp: 1441

Ion Ratio Lower Upper

82 100

128 143.6 131.4 197.2

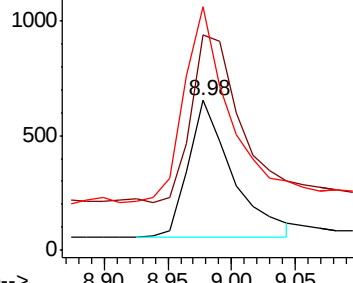
54 162.6 113.9 170.9



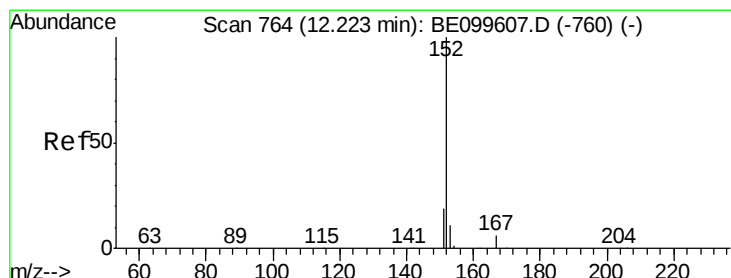
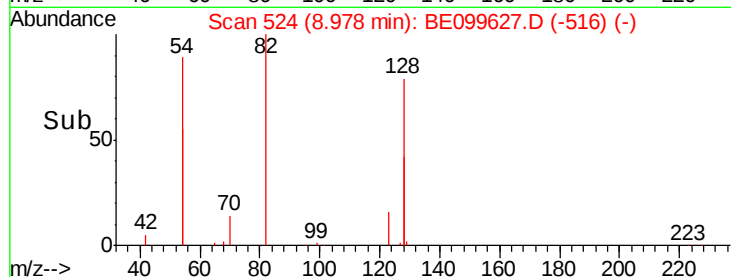
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099627.D

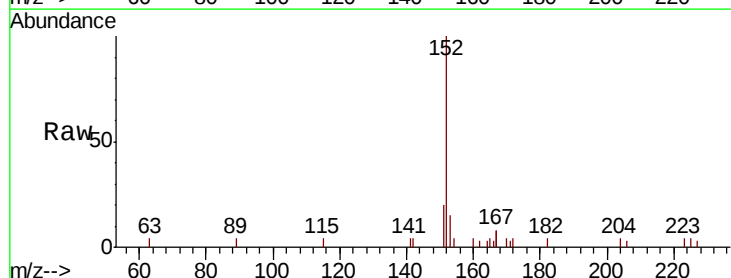
Acq: 16 May 2019 17:50

Tgt Ion: 152 Resp: 3054

Ion Ratio Lower Upper

152 100

151 18.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

12.22

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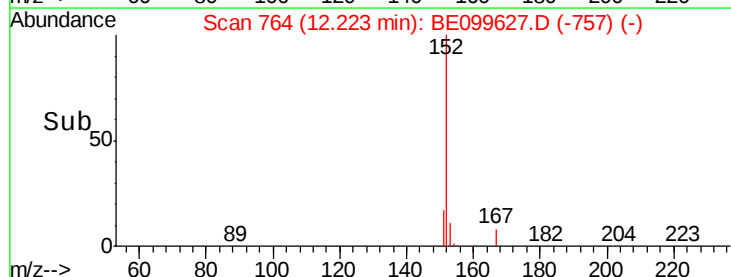
12.22

12.22

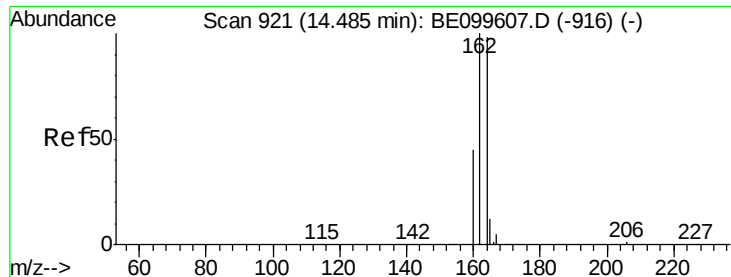
12.22

12.22

12.22



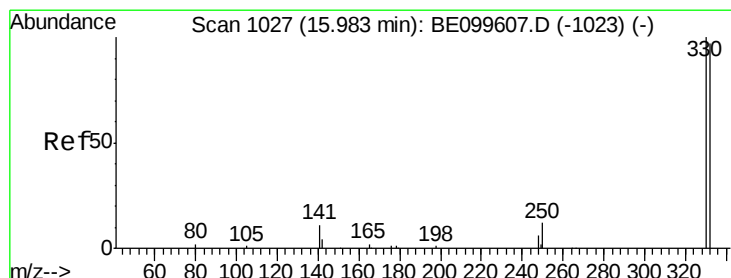
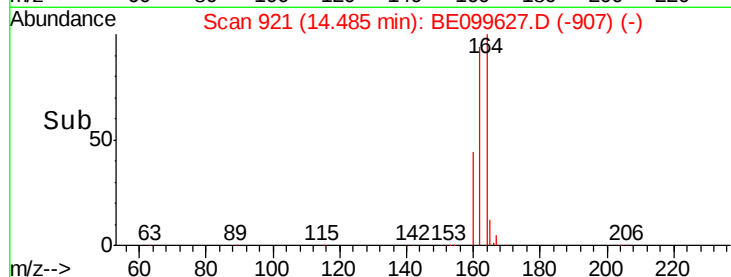
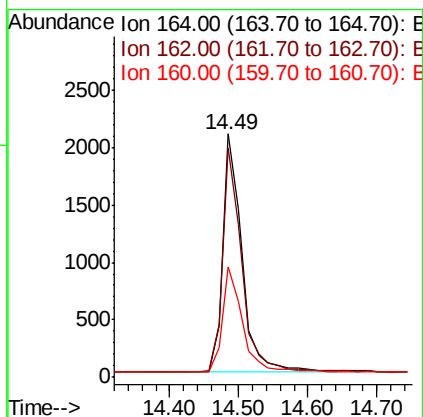
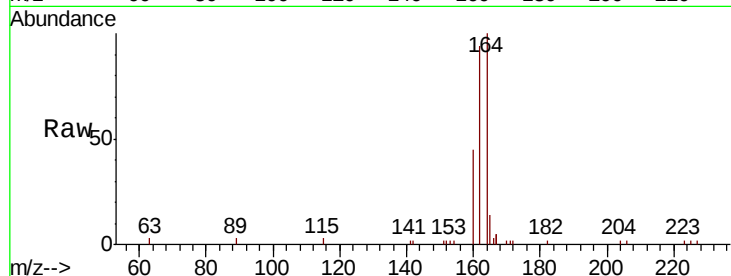
Time-->



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099627.D
Acq: 16 May 2019 17:50

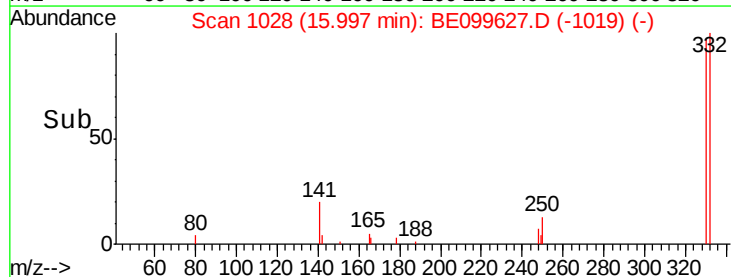
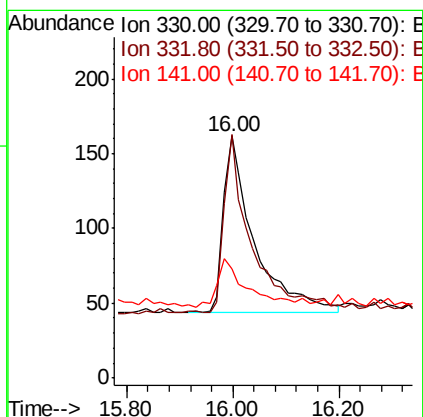
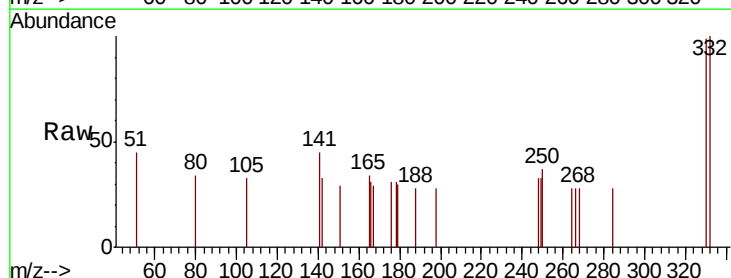
Instrument :
BNA_E
ClientSampleId :
PB119762BL

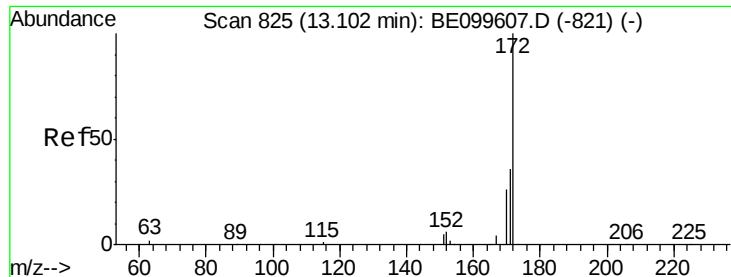
Tgt Ion:164 Resp: 4056
Ion Ratio Lower Upper
164 100
162 94.1 81.4 122.0
160 45.1 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE099627.D
Acq: 16 May 2019 17:50

Tgt Ion:330 Resp: 470
Ion Ratio Lower Upper
330 100
332 91.7 73.8 110.8
141 29.4 21.0 31.6

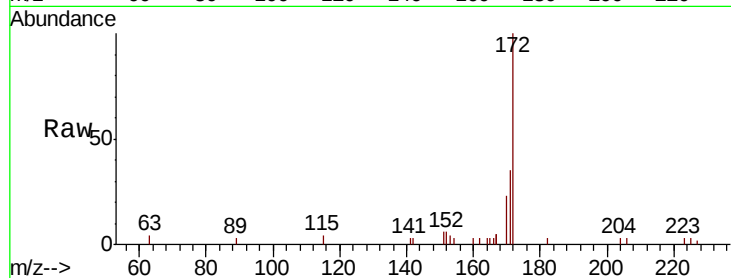




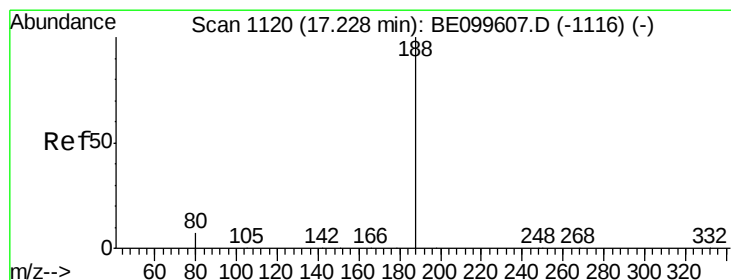
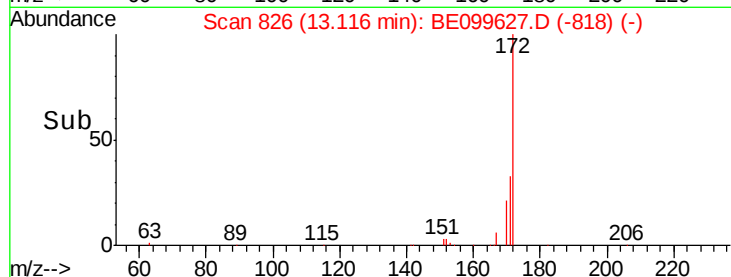
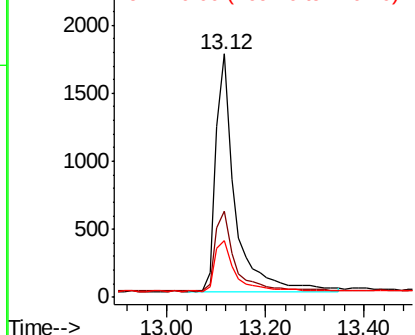
#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099627.D
Acq: 16 May 2019 17:50

Instrument :
BNA_E
ClientSampleId :
PB119762BL

Tgt Ion:172 Resp: 4628
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.2
170 23.4 21.5 32.3

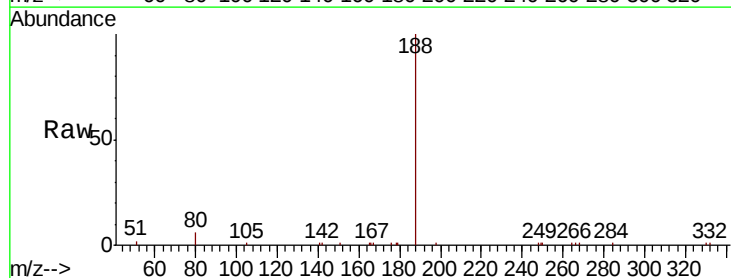


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

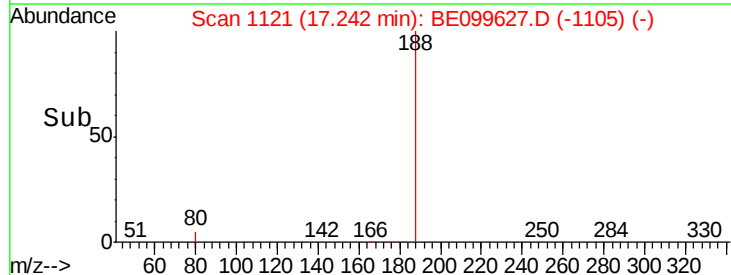
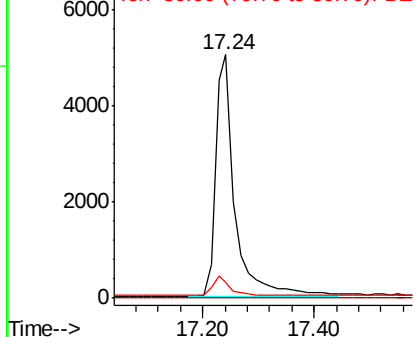


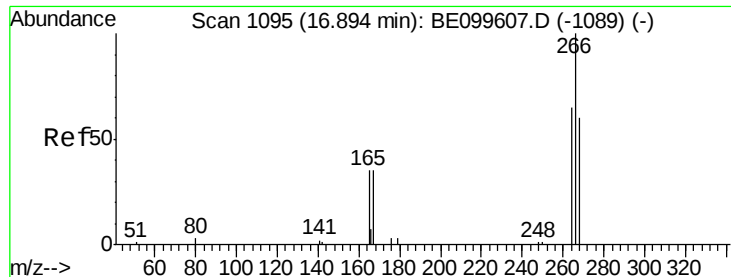
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099627.D
Acq: 16 May 2019 17:50

Tgt Ion:188 Resp: 12089
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 6.4 9.6#



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





#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

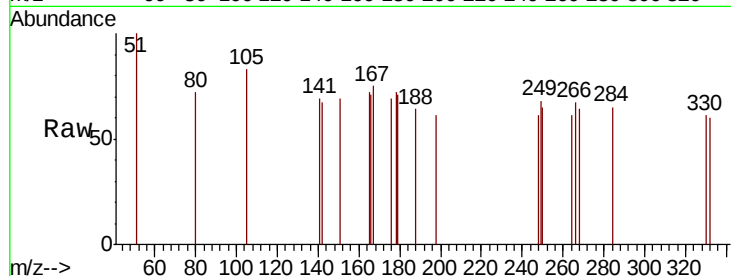
Instrument :

BNA_E

ClientSampleId :

PB119762BL

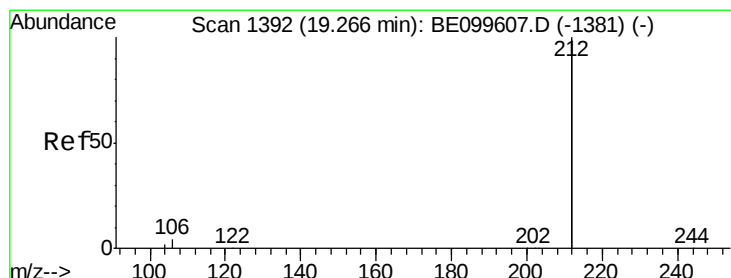
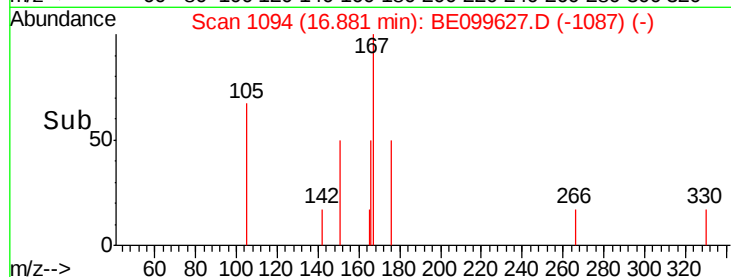
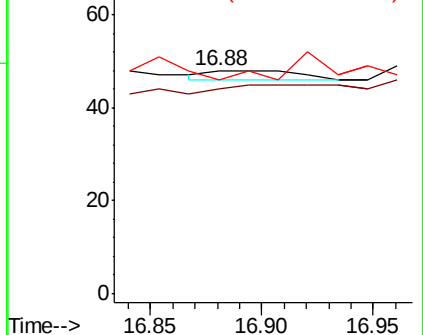
Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	91.7	57.7	86.5#
268	95.8	55.8	83.8#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.322 ng

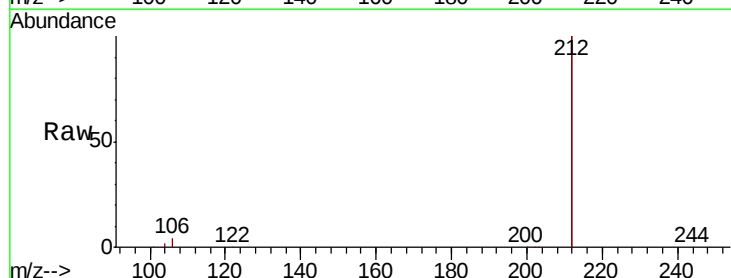
RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

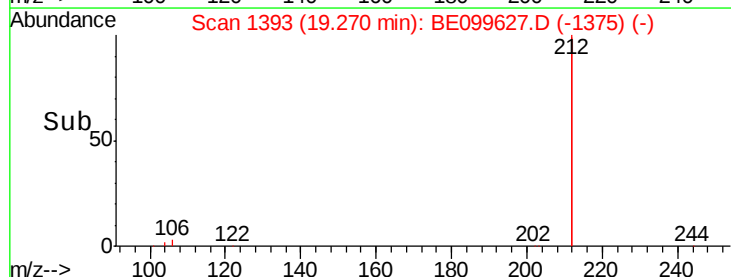
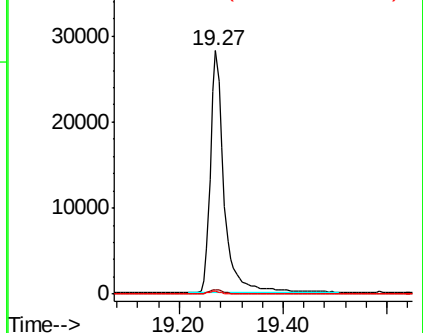
Tgt Ion:	212	Resp:	51799
Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

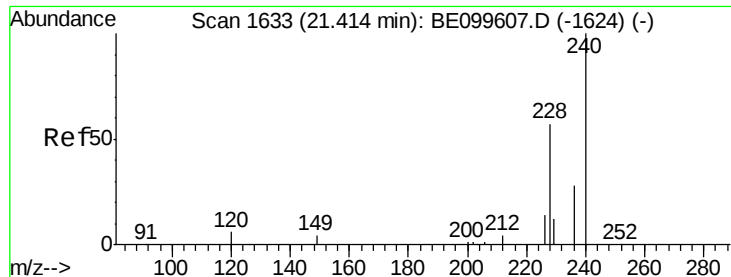


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

Instrument :

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PB119762BL

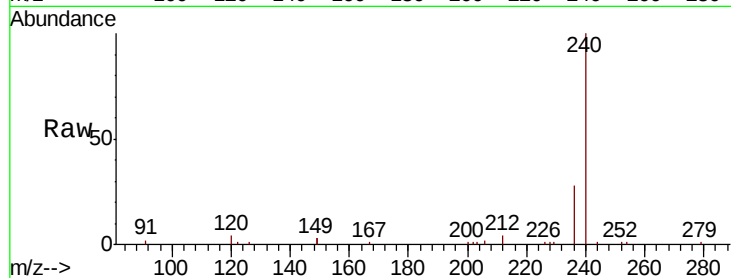
Tgt Ion:240 Resp: 15682

Ion Ratio Lower Upper

240 100

120 4.1 5.7 8.5#

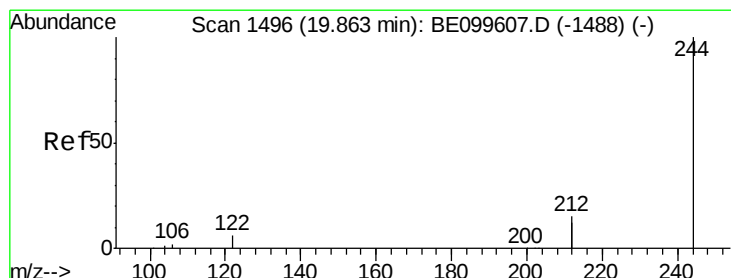
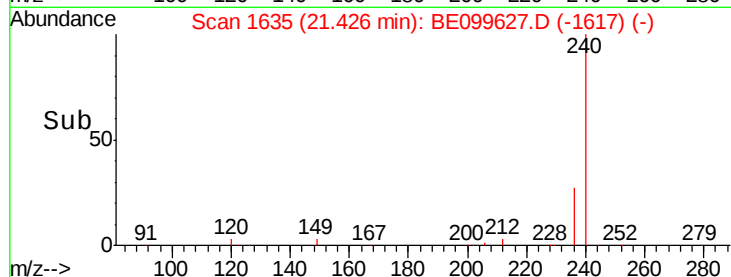
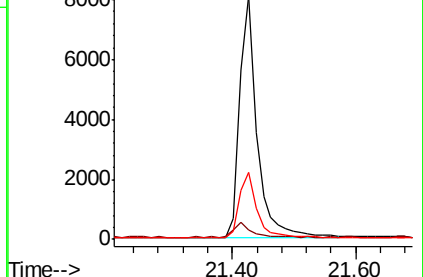
236 27.7 22.8 34.2



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: 0.380 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

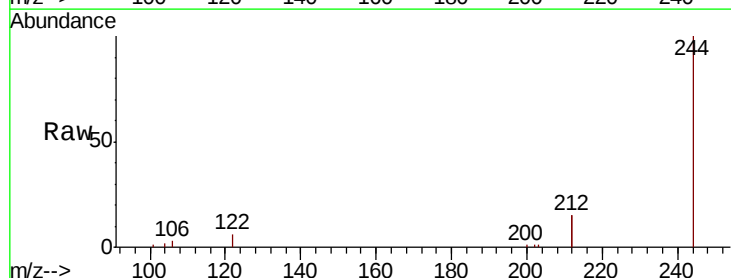
Tgt Ion:244 Resp: 10712

Ion Ratio Lower Upper

244 100

212 30.4 23.8 35.6

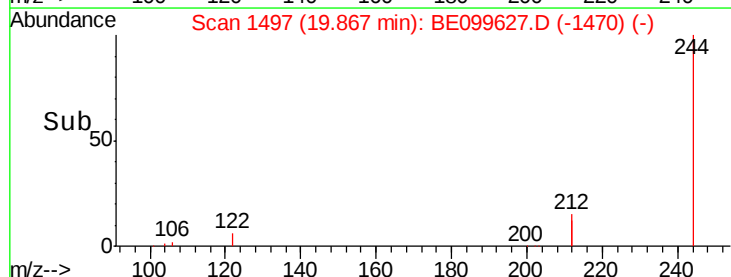
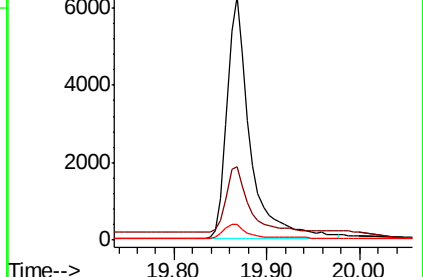
122 6.3 5.0 7.6

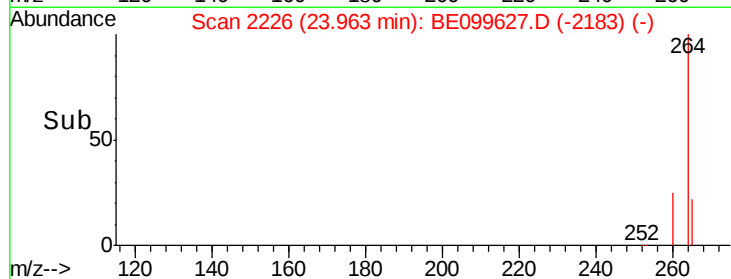
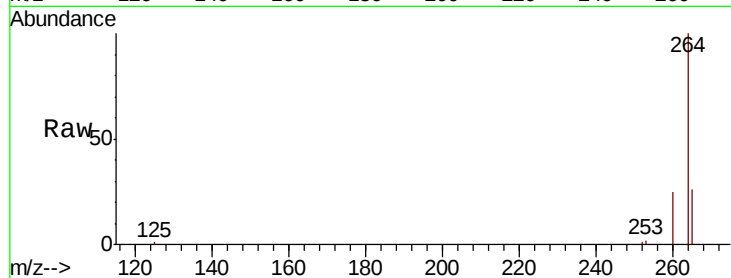
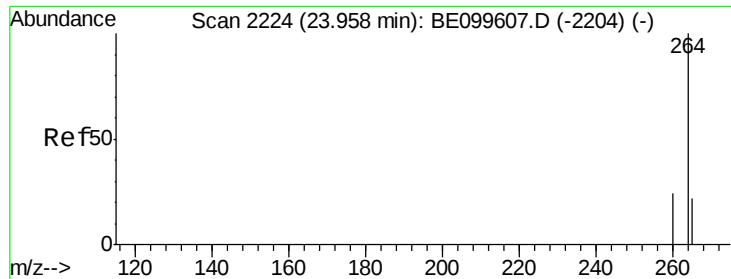


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099627.D

Acq: 16 May 2019 17:50

Instrument :

BNA_E

ClientSampleId :

PB119762BL

Tgt Ion:264 Resp: 19134

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 26.0 21.2 31.8

