

Data File : BE099709.D
Acq On : 22 May 2019 3:11
Operator : JU/SJ
Sample : PB119877BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119877BL

Quant Time: May 22 08:20:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

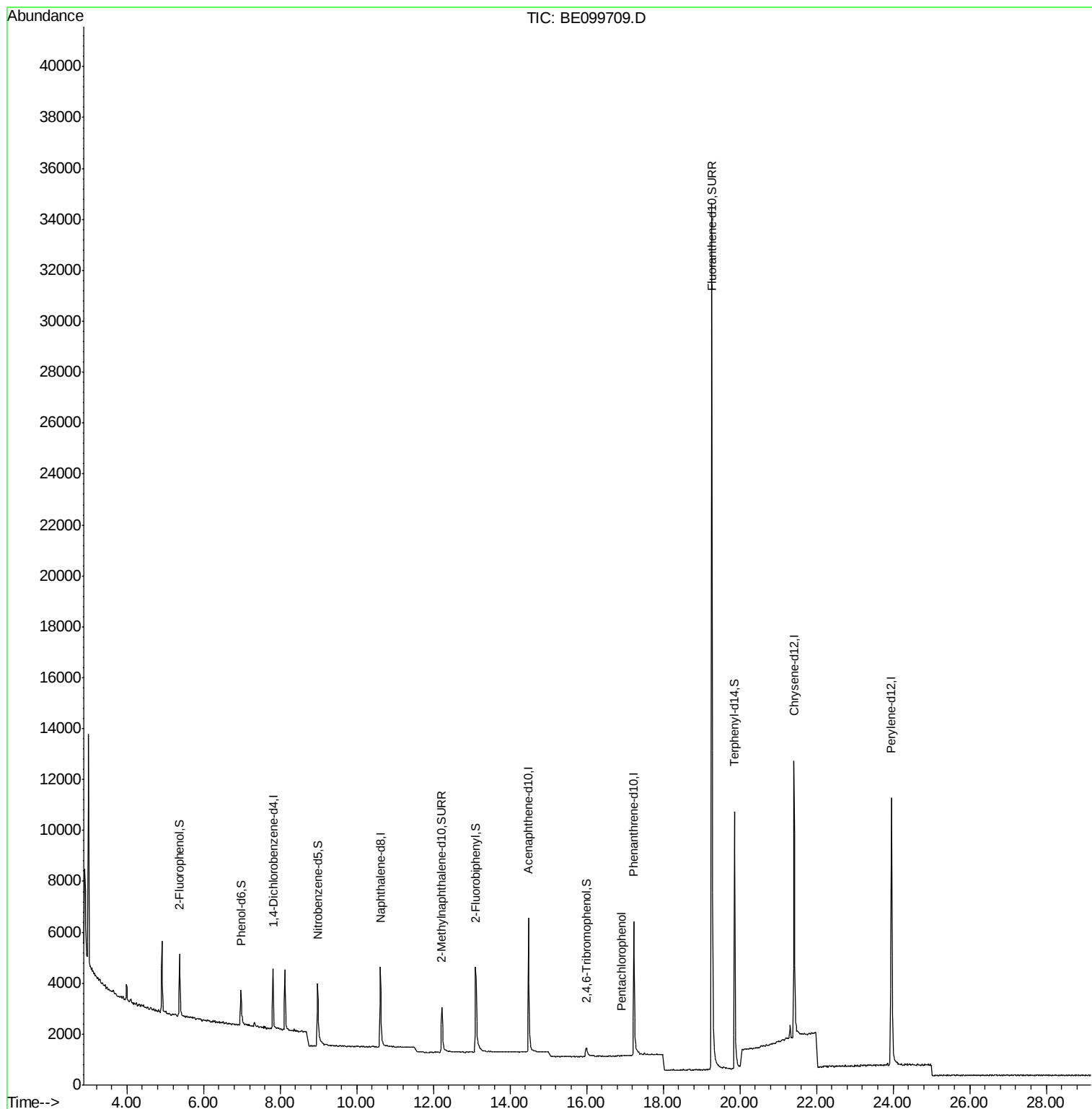
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1448	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5027	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3729	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10988	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14425	0.40	ng	0.00
34) Perylene-d12	23.96	264	17659	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1585	0.43	ng	0.00
5) Phenol-d6	6.97	99	2067	0.43	ng	0.00
8) Nitrobenzene-d5	8.98	82	1537	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3426	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	552	0.33	ng	0.02
15) 2-Fluorobiphenyl	13.10	172	5331	0.38	ng	0.00
25) Fluoranthene-d10	19.26	212	57560	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	11993	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	6	0.184	ng	Qvalue # 75

(#) = 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# 430

Delta R.T. -0.00 min

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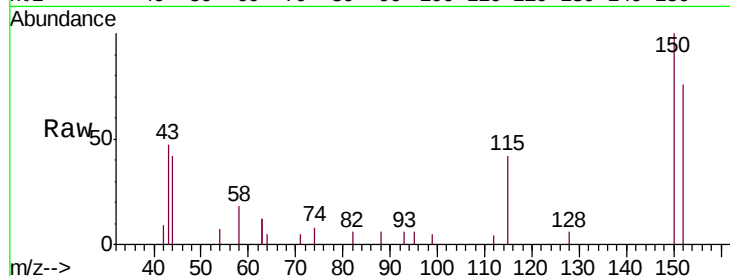
Tgt Ion:152 Resp: 1448

Ion Ratio Lower Upper

152 100

150 132.0 109.2 163.8

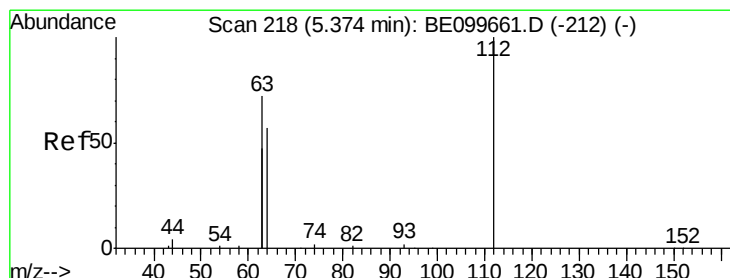
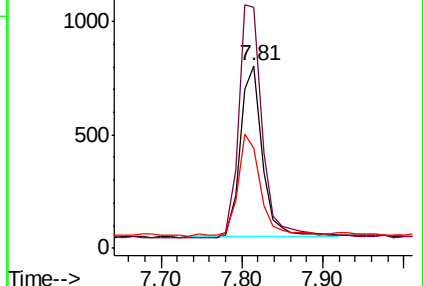
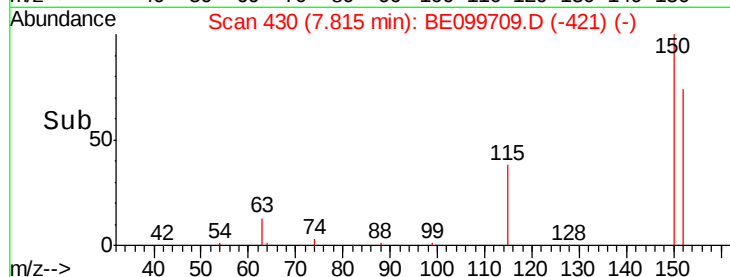
115 55.1 43.7 65.5



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: 0.433 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

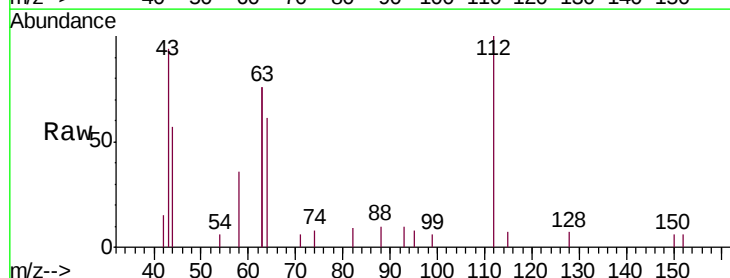
Tgt Ion:112 Resp: 1585

Ion Ratio Lower Upper

112 100

64 56.3 43.4 65.2

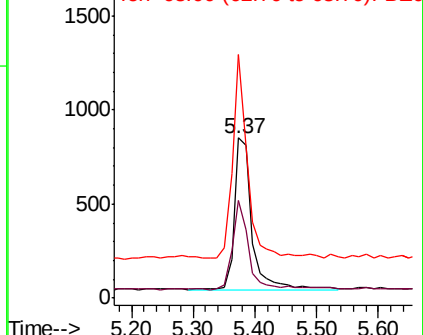
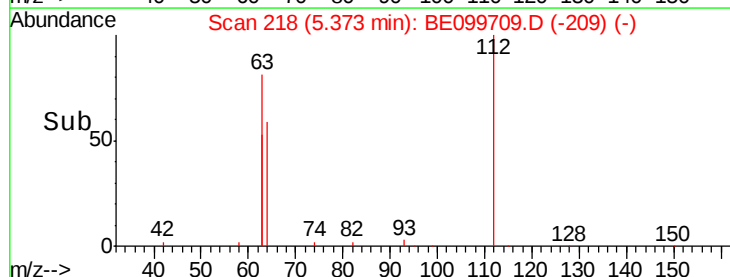
63 116.0 96.9 145.3

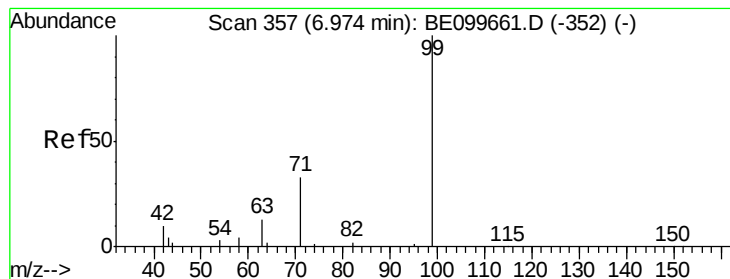


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.427 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

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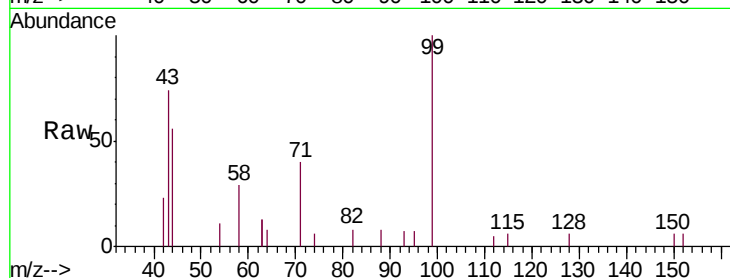
Tgt Ion: 99 Resp: 2067

Ion Ratio Lower Upper

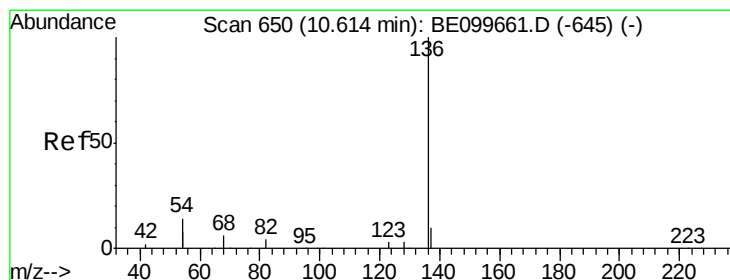
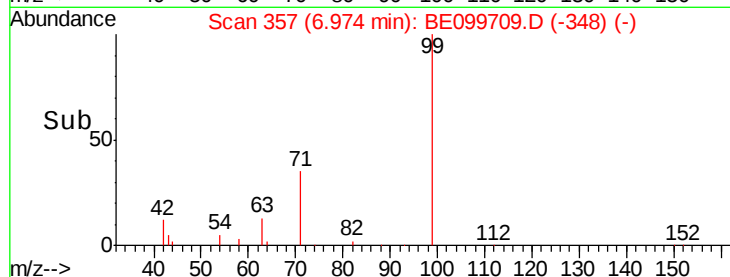
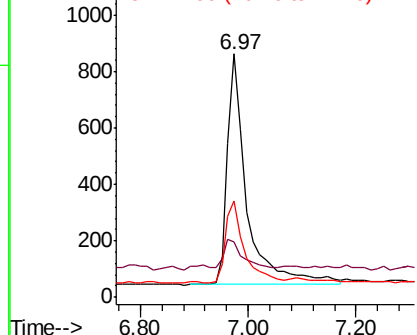
99 100

42 11.9 12.2 18.2#

71 34.5 28.9 43.3



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. 0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Tgt Ion: 136 Resp: 5027

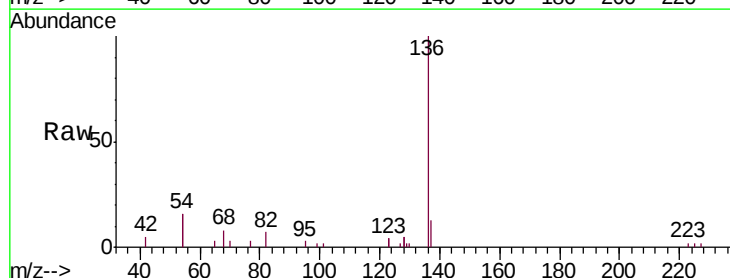
Ion Ratio Lower Upper

136 100

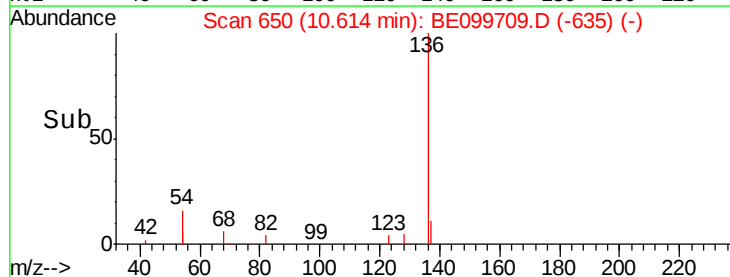
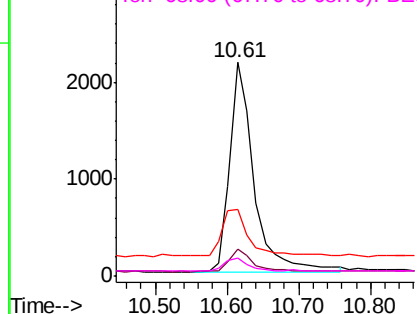
137 12.7 9.0 13.6

54 31.1 22.3 33.5

68 8.1 6.0 9.0



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: 0.353 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

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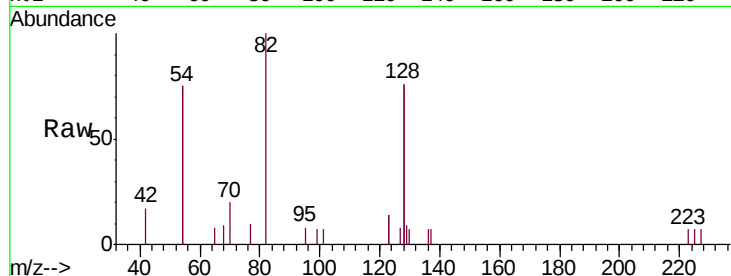
Tgt Ion: 82 Resp: 1537

Ion Ratio Lower Upper

82 100

128 151.1 117.7 176.5

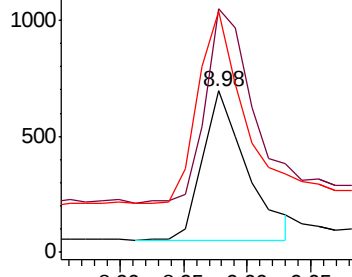
54 149.4 106.6 160.0



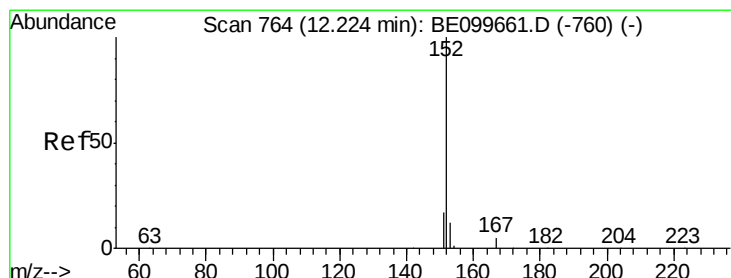
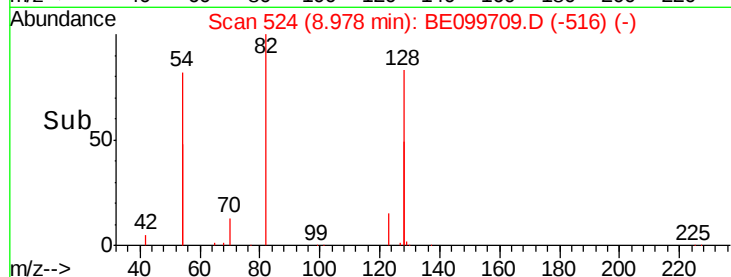
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099709.D

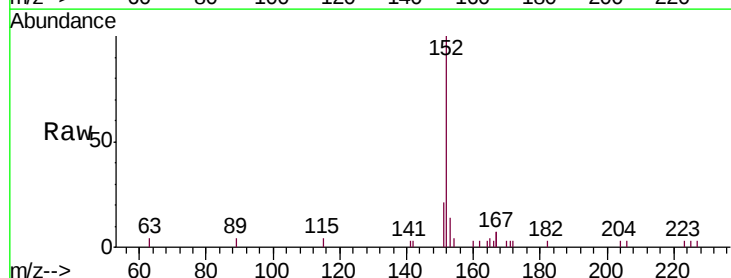
Acq: 22 May 2019 3:11

Tgt Ion: 152 Resp: 3426

Ion Ratio Lower Upper

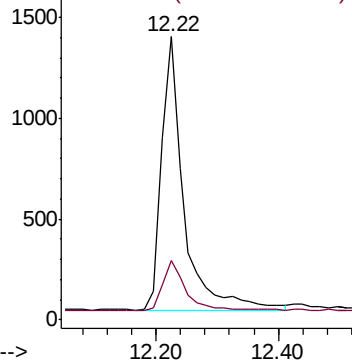
152 100

151 20.0 15.0 22.4

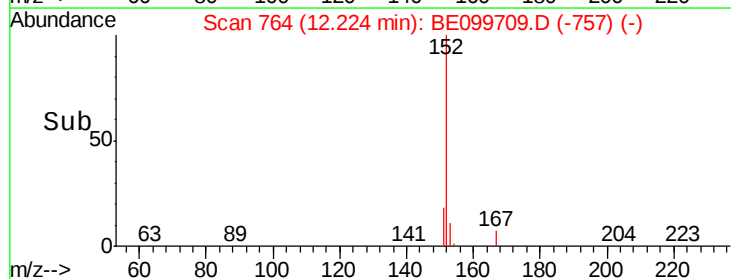


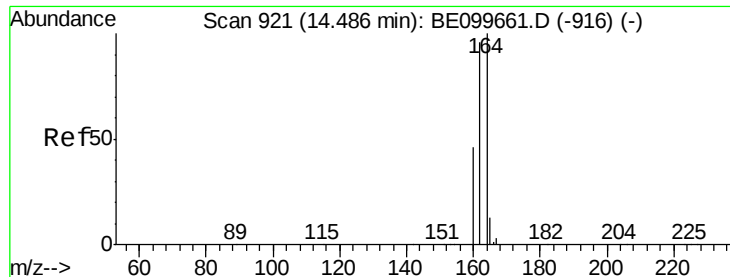
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->

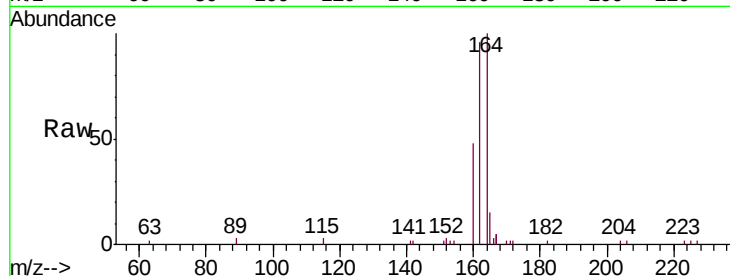




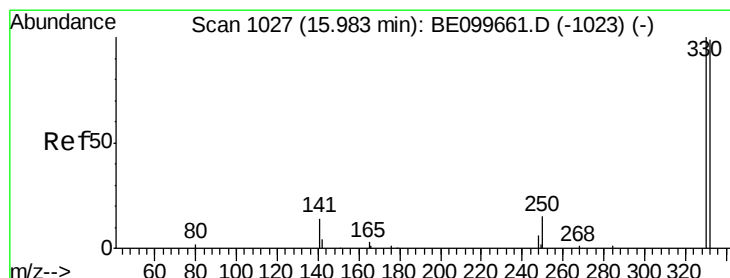
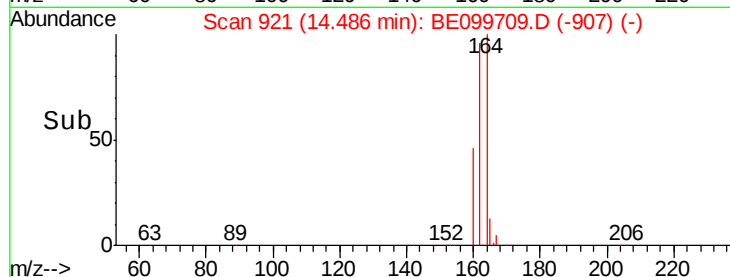
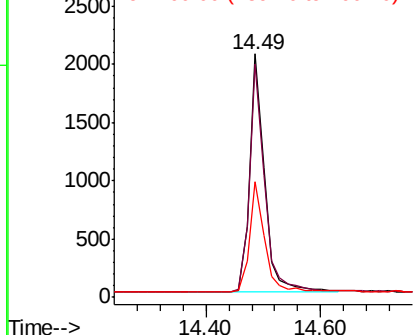
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099709.D
Acq: 22 May 2019 3:11

Instrument :
BNA_E
ClientSampled :
PB119877BL

Tgt Ion:164 Resp: 3729
Ion Ratio Lower Upper
164 100
162 95.6 76.5 114.7
160 47.6 37.4 56.2

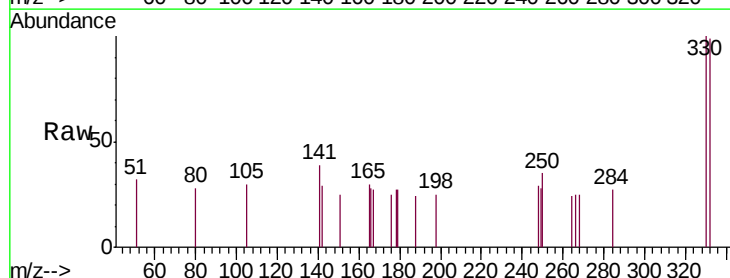


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

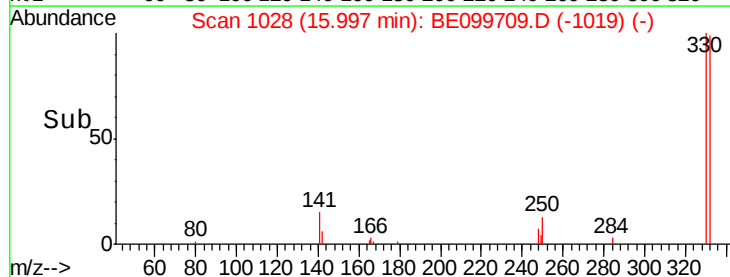
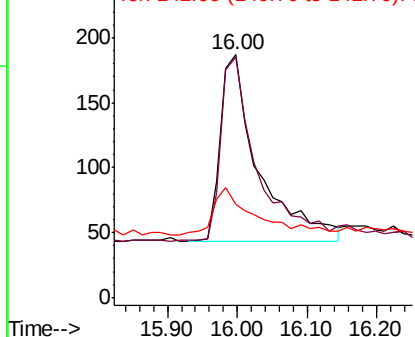


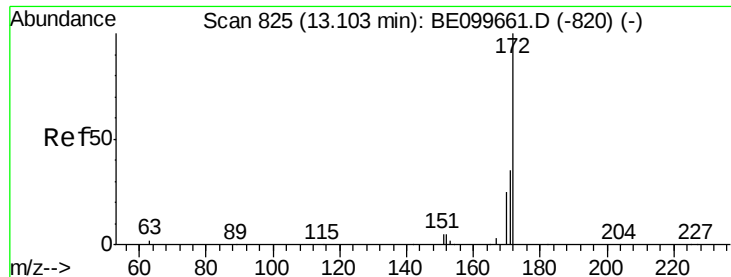
#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.02 min
Lab File: BE099709.D
Acq: 22 May 2019 3:11

Tgt Ion:330 Resp: 552
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 28.6 18.9 28.3#



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

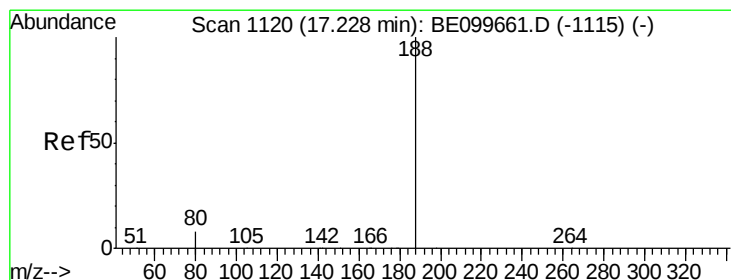
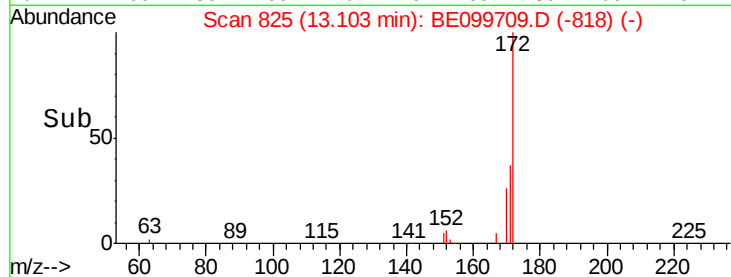
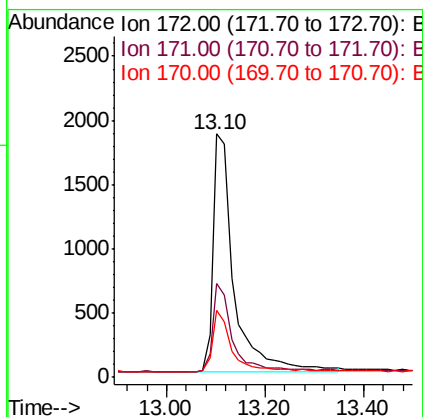
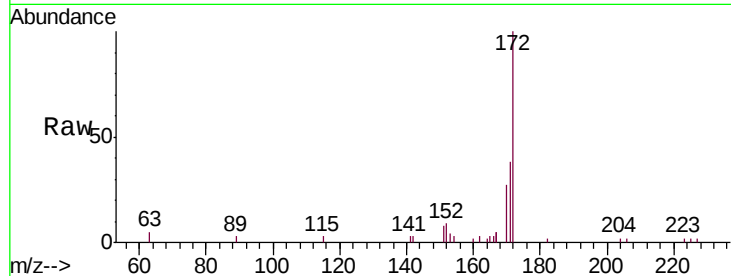




#15
 2-Fluorobiphenyl
 Concen: 0.377 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099709.D
 Acq: 22 May 2019 3:11

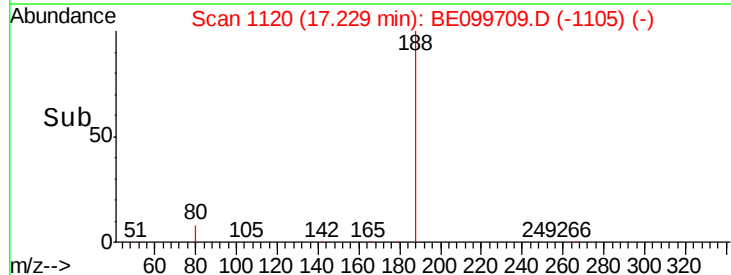
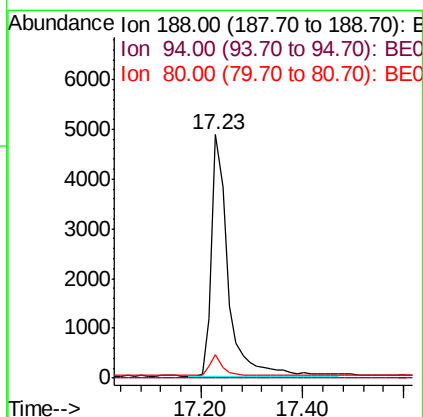
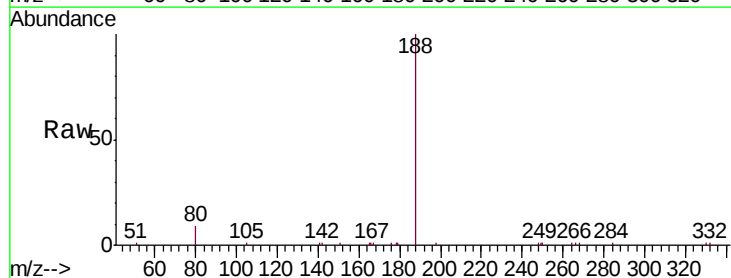
Instrument :
 BNA_E
 ClientSampleId :
 PB119877BL

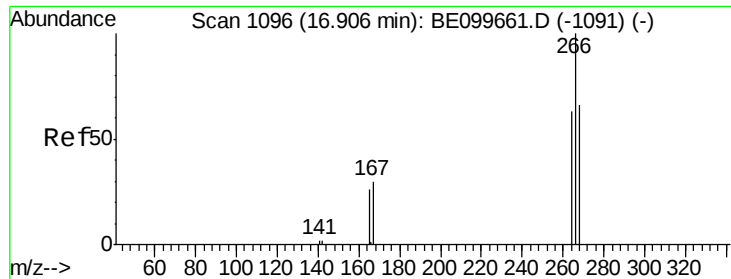
Tgt Ion:172 Resp: 5331
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.7 43.1
 170 27.4 20.9 31.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099709.D
 Acq: 22 May 2019 3:11

Tgt Ion:188 Resp: 10988
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.5 6.7 10.1

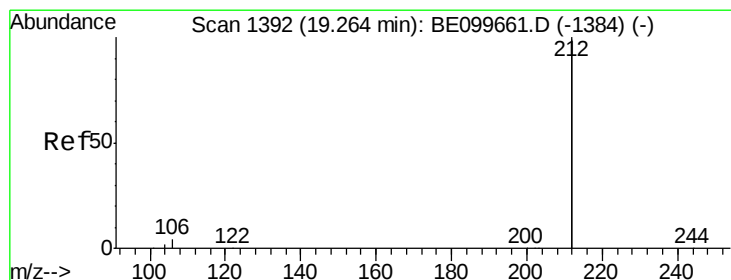
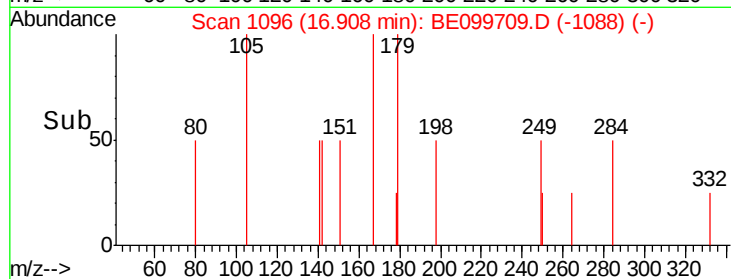
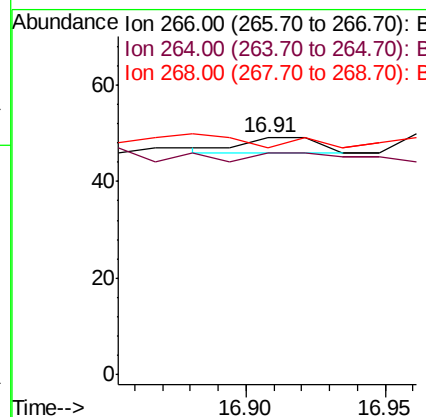
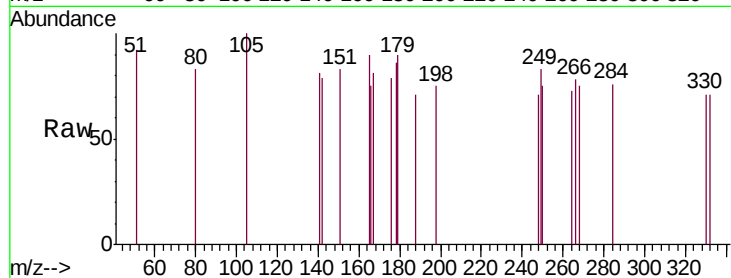




#22
 Pentachlorophenol
 Concen: 0.184 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE099709.D
 Acq: 22 May 2019 3:11

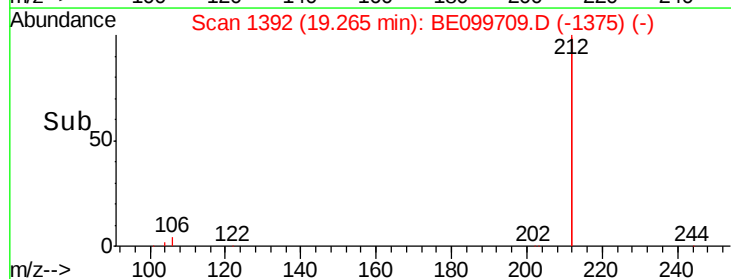
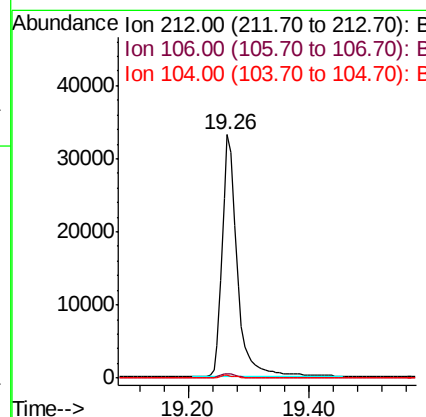
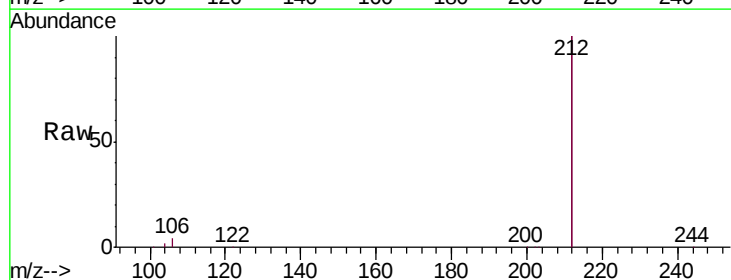
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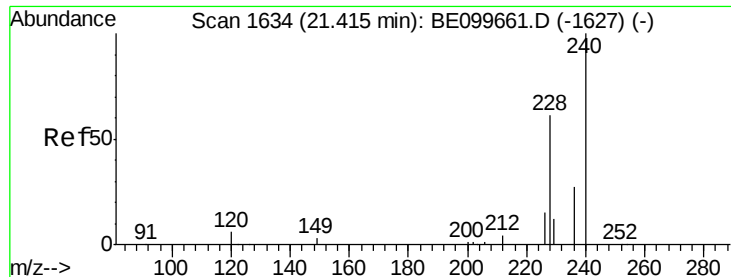
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 93.9 57.2 85.8#
 268 95.9 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.383 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE099709.D
 Acq: 22 May 2019 3:11

Tgt Ion: 212 Resp: 57560
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.8 1.2

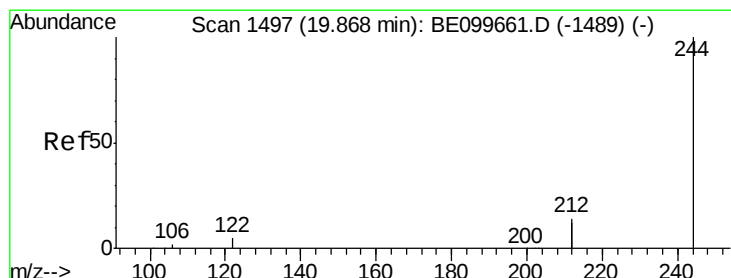
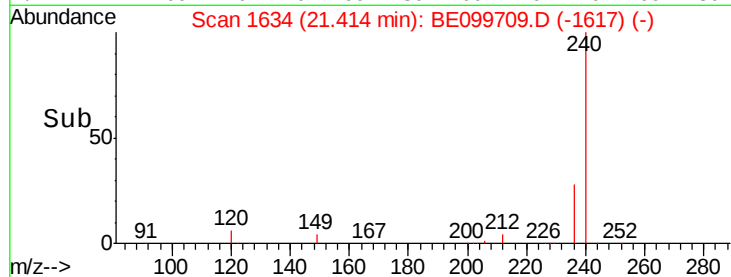
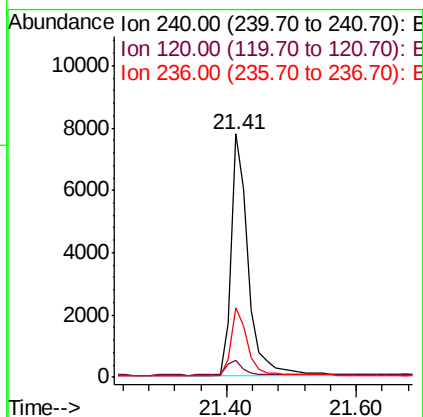
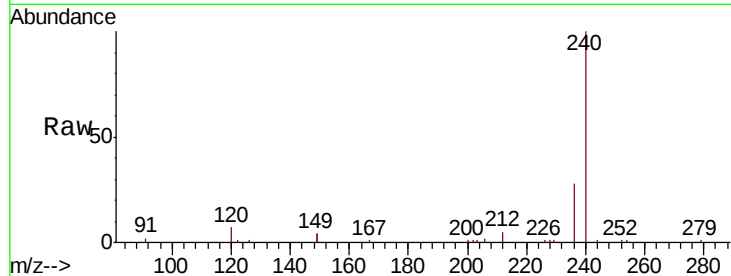




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099709.D
Acq: 22 May 2019 3:11

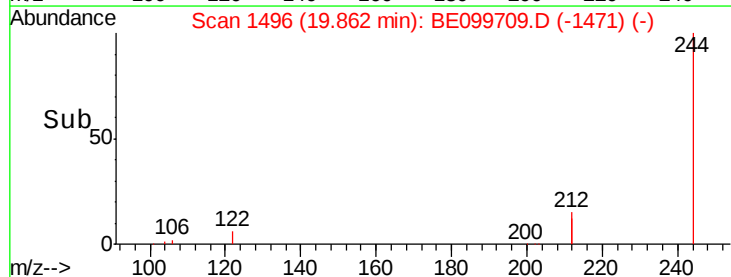
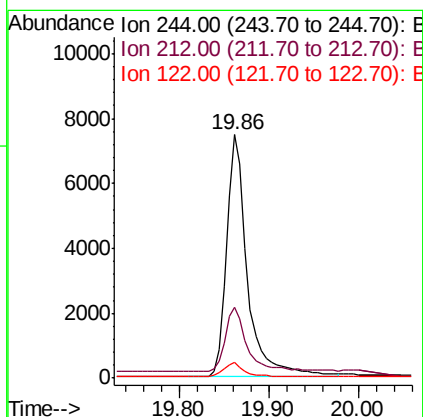
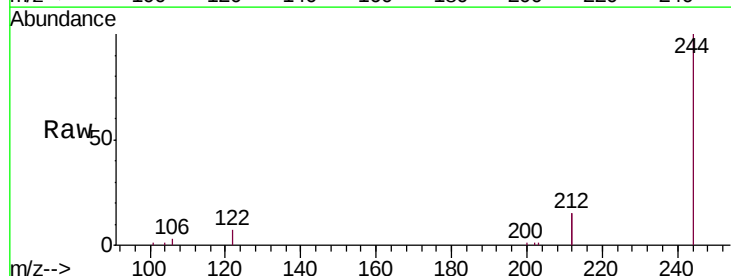
Instrument :
BNA_E
ClientSampleId :
PB119877BL

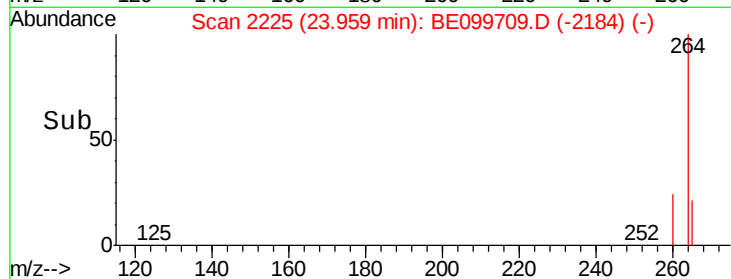
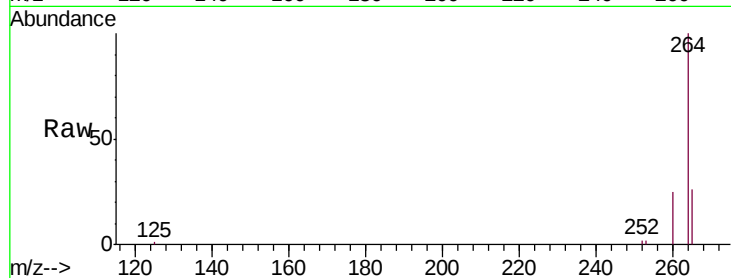
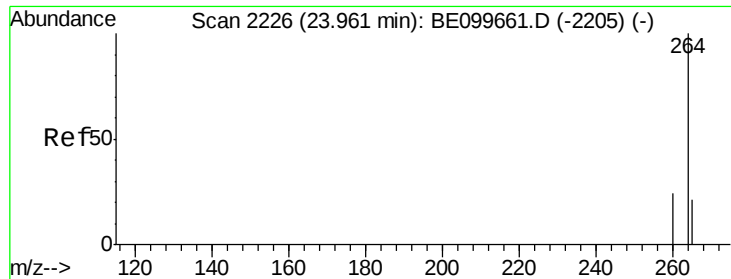
Tgt Ion:240 Resp: 14425
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 28.5 21.7 32.5



#29
Terphenyl-d14
Concen: 0.466 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BE099709.D
Acq: 22 May 2019 3:11

Tgt Ion:244 Resp: 11993
Ion Ratio Lower Upper
244 100
212 29.1 22.5 33.7
122 6.6 4.3 6.5#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE099709.D

Acq: 22 May 2019 3:11

Instrument :

BNA_E

ClientSampleId :

PB119877BL

Tgt Ion: 264 Resp: 17659

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 25.8 19.1 28.7

