

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052219\
 Data File : BE099716.D
 Acq On : 22 May 2019 12:44
 Operator : JU/SJ
 Sample : PB119960BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119960BL

Quant Time: May 23 07:57:27 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	1590	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5282	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3837	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11374	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15477	0.40	ng	0.00
34) Perylene-d12	23.96	264	18845	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1599	0.40	ng	0.00
5) Phenol-d6	6.98	99	2045	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1490	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3523	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	582	0.33	ng	0.02
15) 2-Fluorobiphenyl	13.12	172	5446	0.37	ng	0.01
25) Fluoranthene-d10	19.27	212	59091	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	12198	0.44	ng	0.00

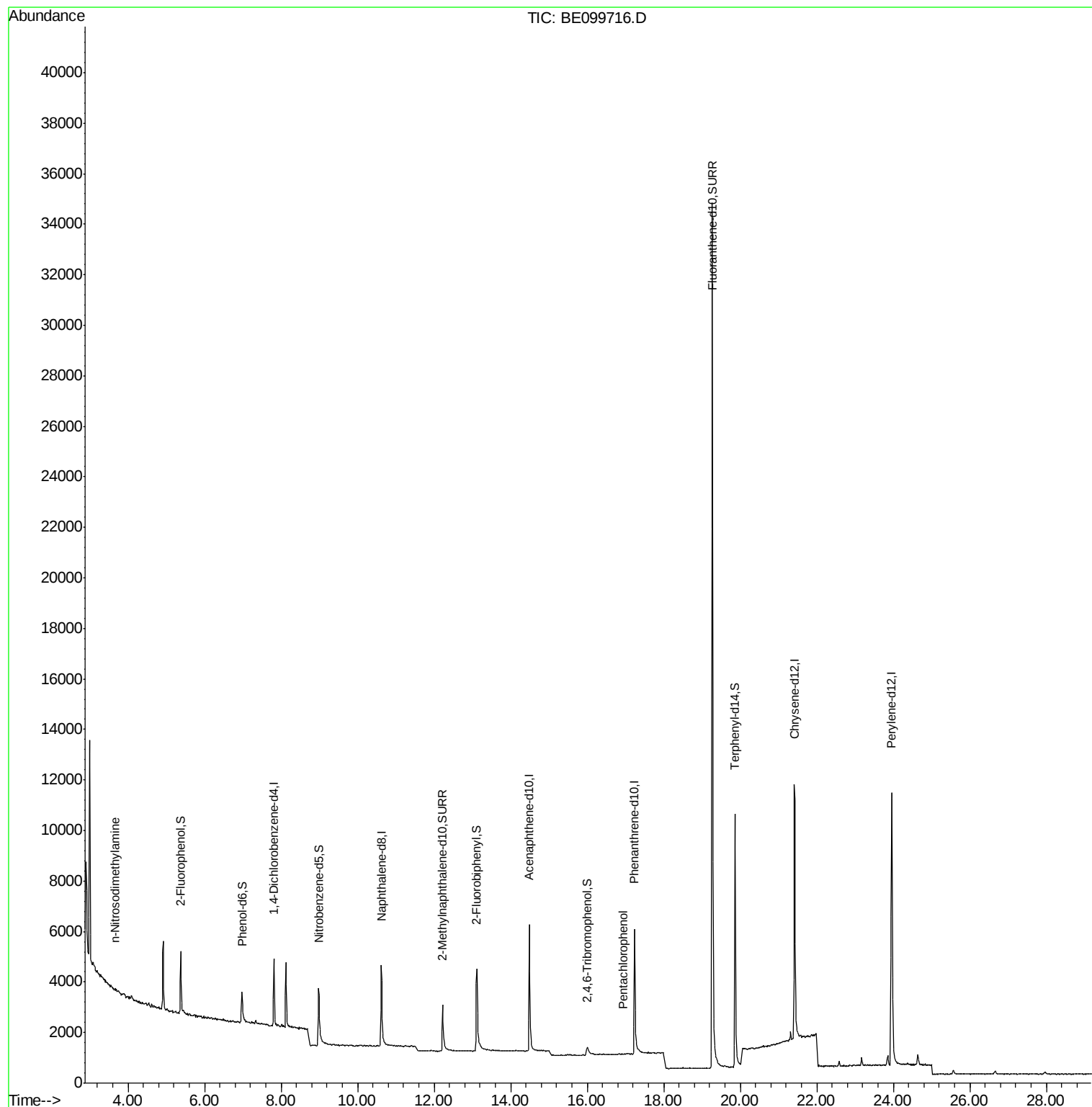
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	48	0.037	ng	# 1
22) Pentachlorophenol	16.93	266	9	0.185	ng	# 76

(#) = 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. -0.01 min

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BNA_E

ClientSampleId :

PB119960BL

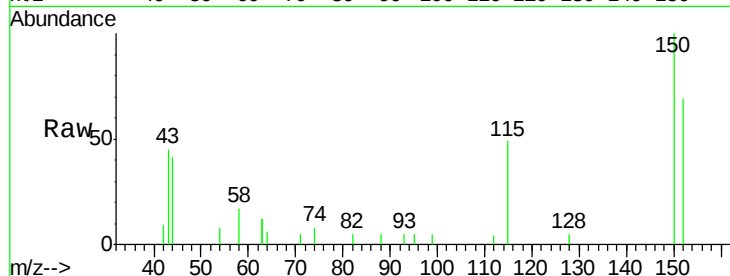
Tgt Ion:152 Resp: 1590

Ion Ratio Lower Upper

152 100

150 144.4 109.2 163.8

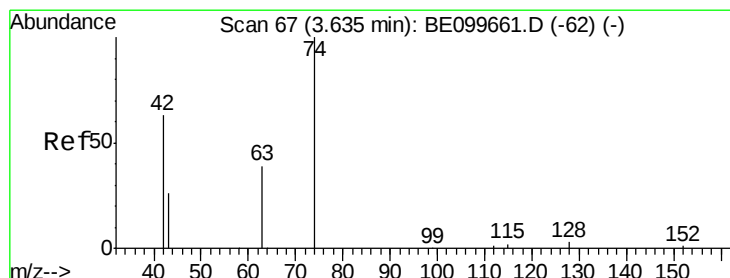
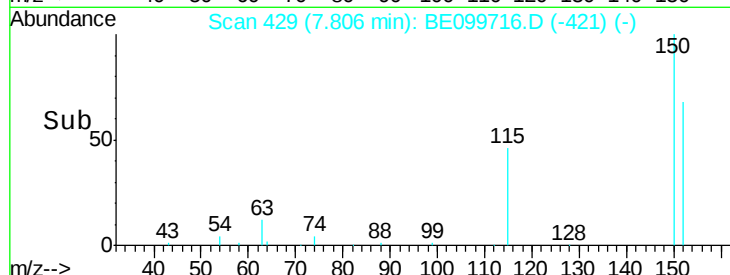
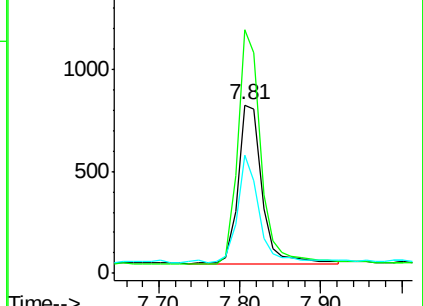
115 70.1 43.7 65.5#



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



#3

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.03 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

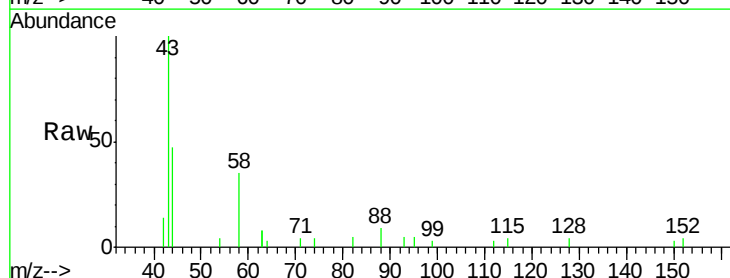
Tgt Ion: 42 Resp: 48

Ion Ratio Lower Upper

42 100

74 25.0 129.2 193.8#

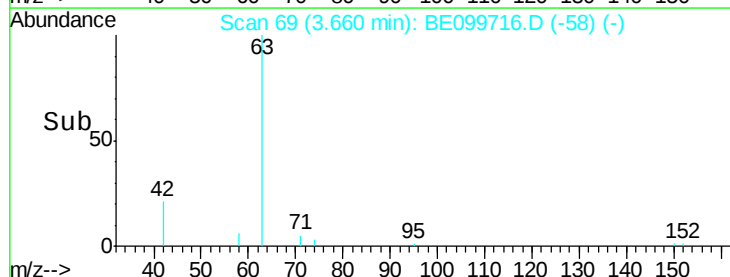
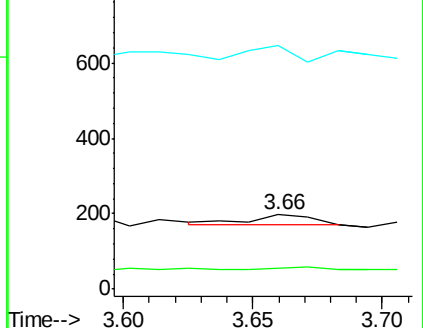
44 112.5 0.0 0.0#

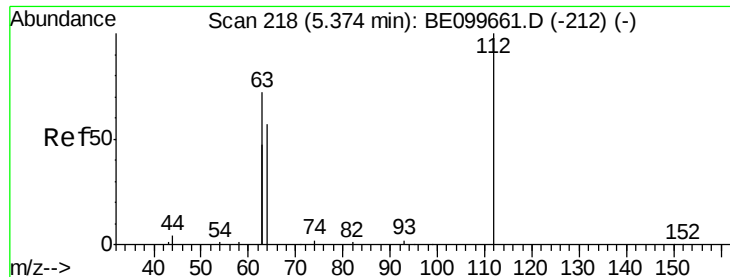


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.398 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099716.D

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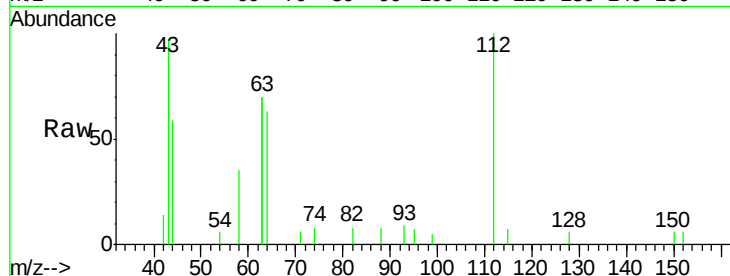
Tgt Ion: 112 Resp: 1599

Ion Ratio Lower Upper

112 100

64 53.6 43.4 65.2

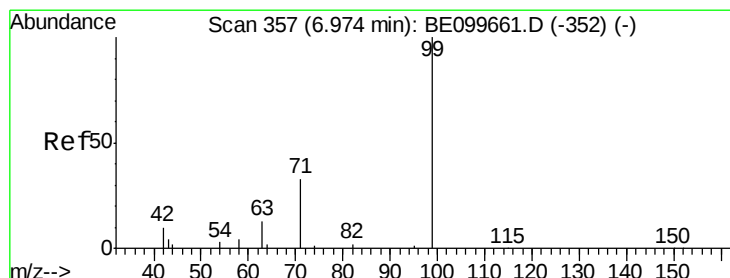
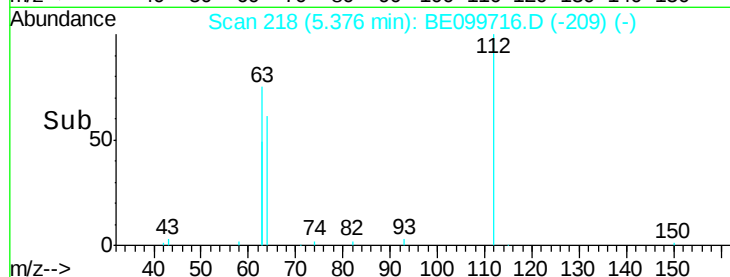
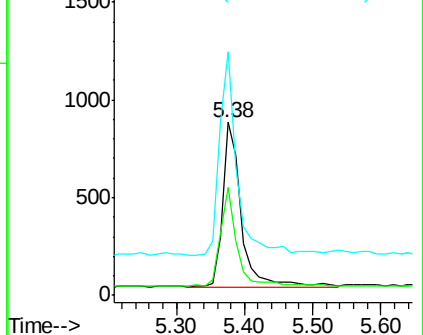
63 118.8 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.384 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

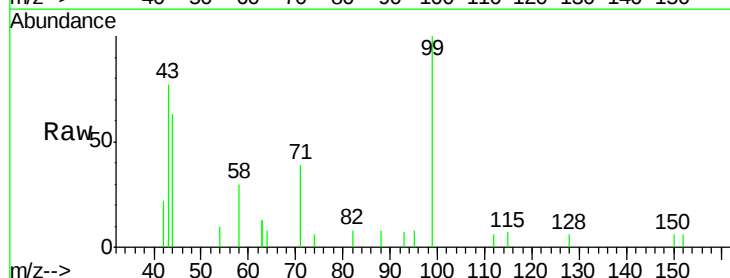
Tgt Ion: 99 Resp: 2045

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

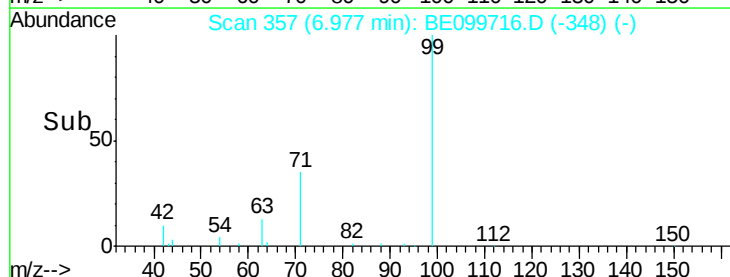
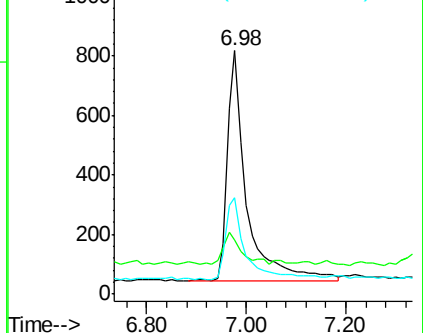
71 37.5 28.9 43.3

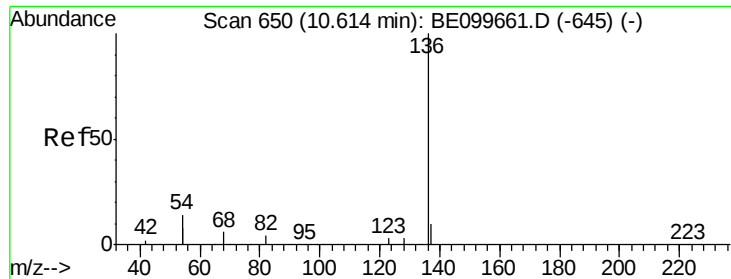


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099716.D

Acq: 22 May 2019 12:44

Instrument :

BNA_E

ClientSampleId :

PB119960BL

Tgt Ion: 136 Resp: 5282

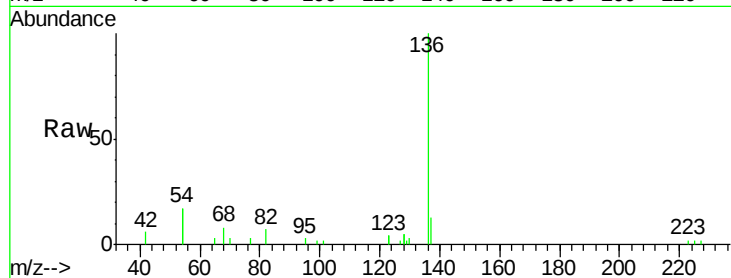
Ion Ratio Lower Upper

136 100

137 13.5 9.0 13.6

54 34.1 22.3 33.5#

68 8.4 6.0 9.0

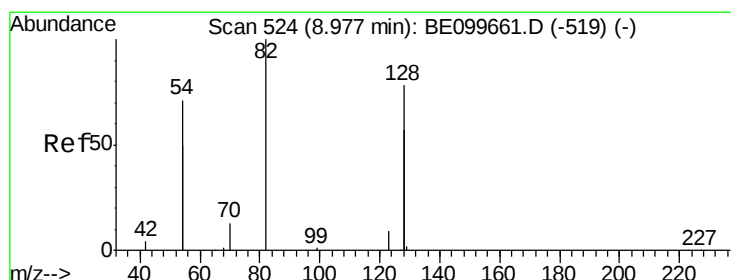
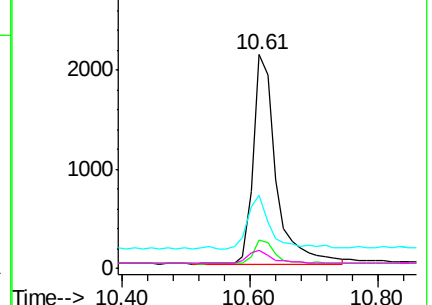
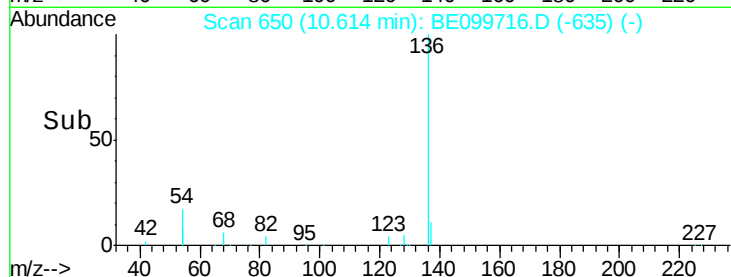


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.326 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

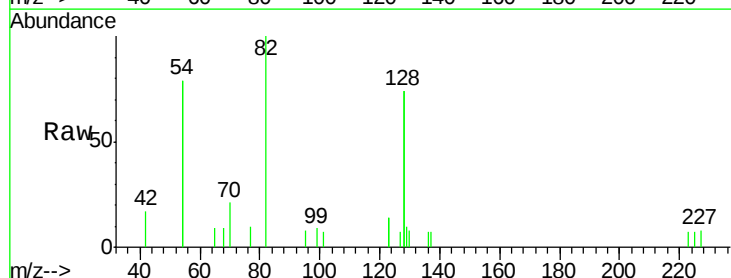
Tgt Ion: 82 Resp: 1490

Ion Ratio Lower Upper

82 100

128 147.1 117.7 176.5

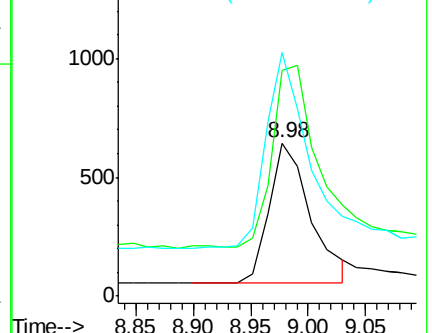
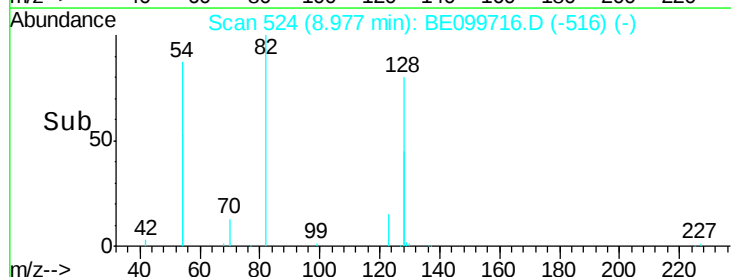
54 158.8 106.6 160.0

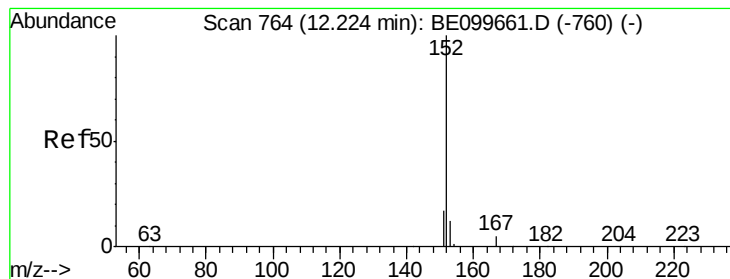


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

Instrument :

BNA_E

ClientSampleId :

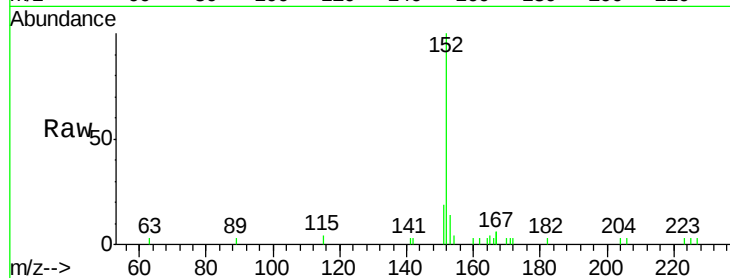
PB119960BL

Tgt Ion:152 Resp: 3523

Ion Ratio Lower Upper

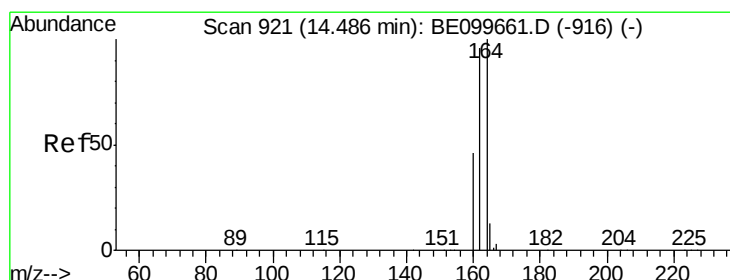
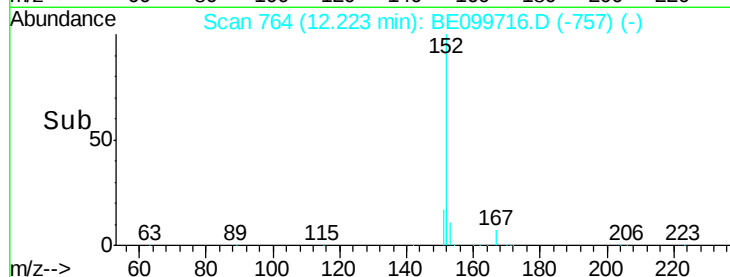
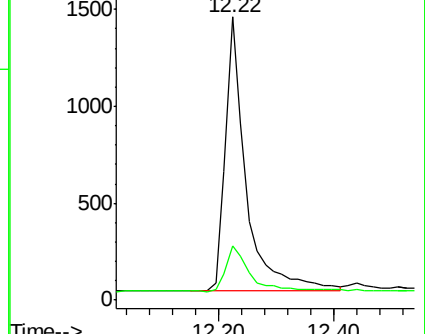
152 100

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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

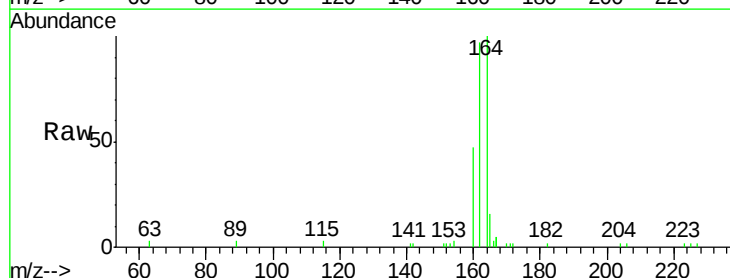
Tgt Ion:164 Resp: 3837

Ion Ratio Lower Upper

164 100

162 97.4 76.5 114.7

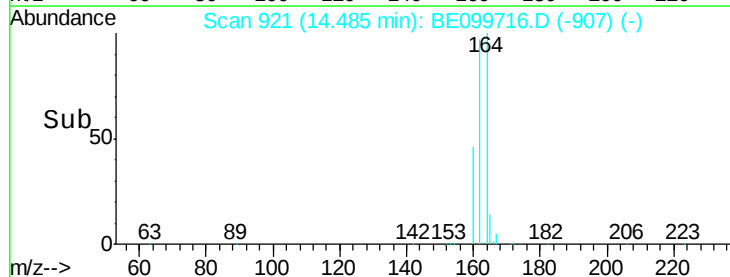
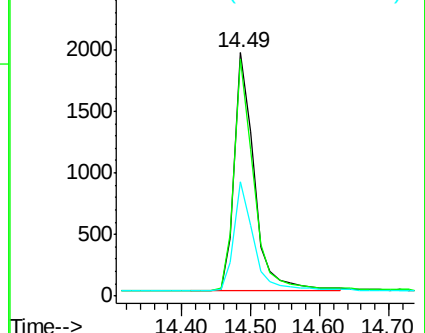
160 47.0 37.4 56.2

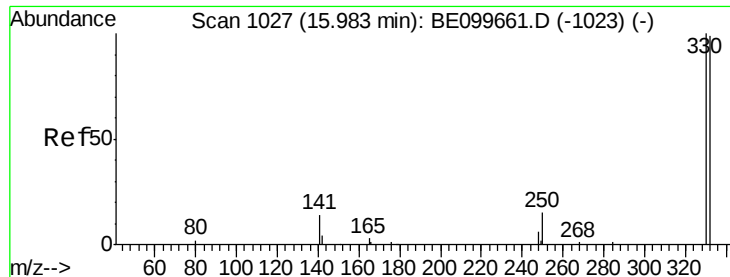


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

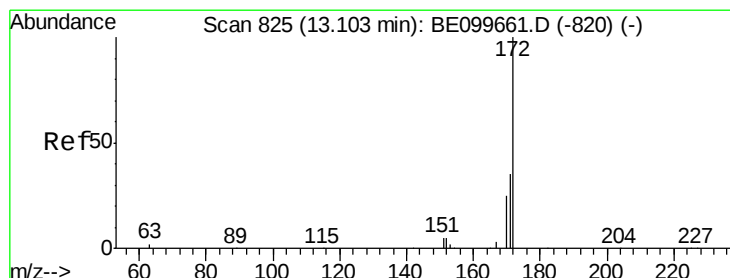
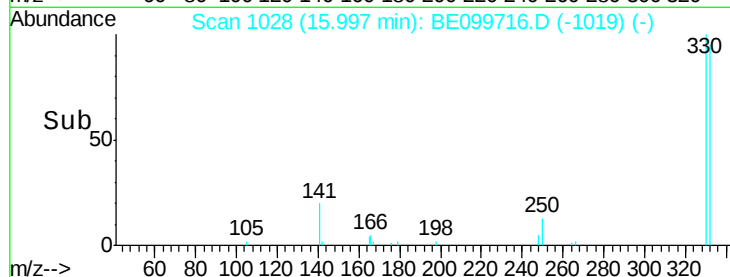
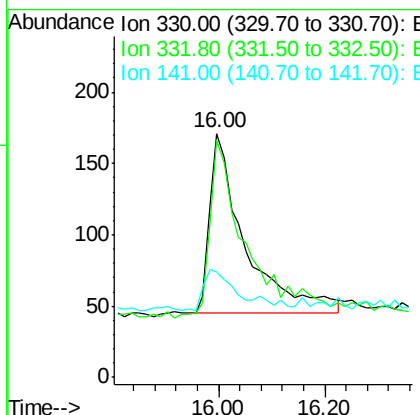
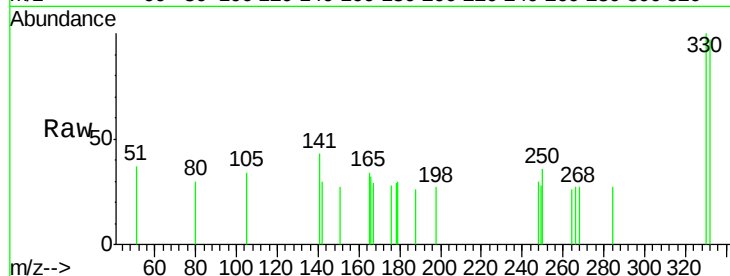




#14
 2,4,6-Tribromophenol
 Concen: 0.334 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.02 min
 Lab File: BE099716.D
 Acq: 22 May 2019 12:44

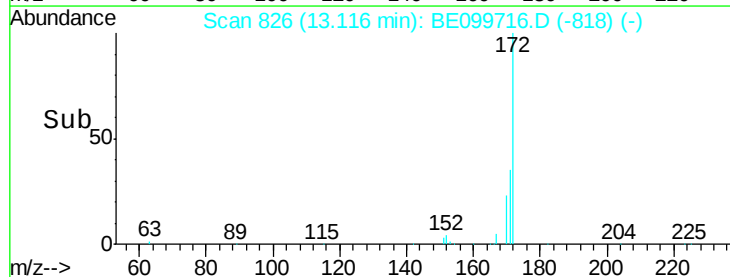
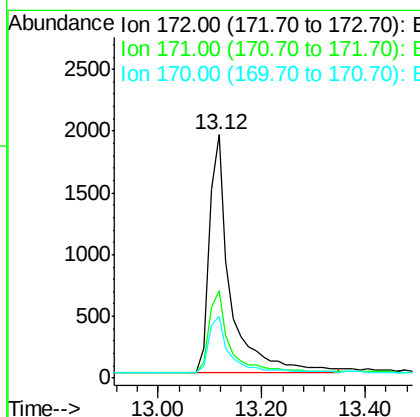
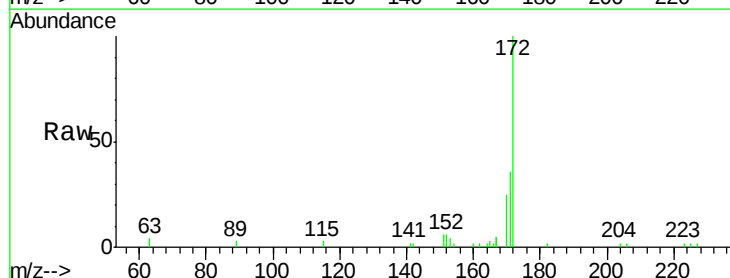
Instrument :
 BNA_E
 ClientSampleId :
 PB119960BL

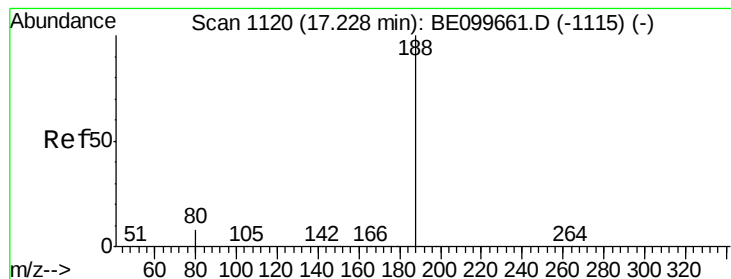
Tgt Ion: 330 Resp: 582
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.3 115.9
 141 18.9 18.9 28.3



#15
 2-Fluorobiphenyl
 Concen: 0.374 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099716.D
 Acq: 22 May 2019 12:44

Tgt Ion: 172 Resp: 5446
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 25.2 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: BE099716.D

Acq: 22 May 2019 12:44

Instrument :

BNA_E

ClientSampleId :

PB119960BL

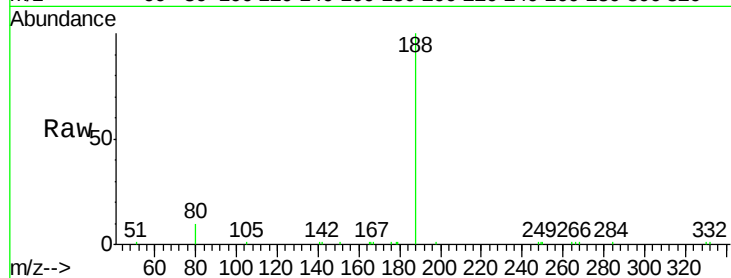
Tgt Ion:188 Resp: 11374

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

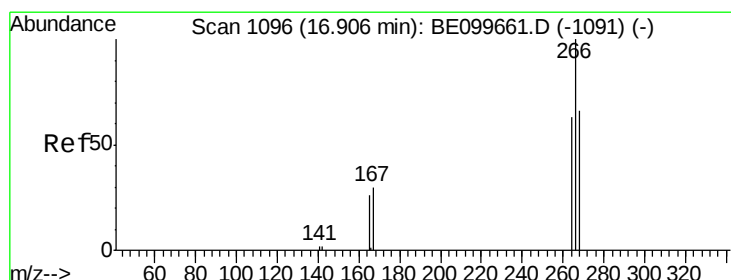
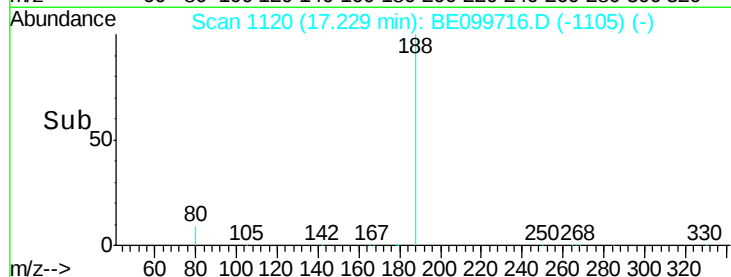
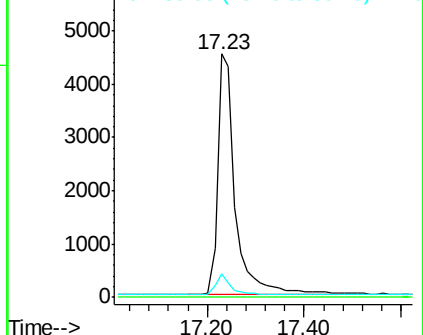
80 9.7 6.7 10.1



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



#22

Pentachlorophenol

Concen: 0.185 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

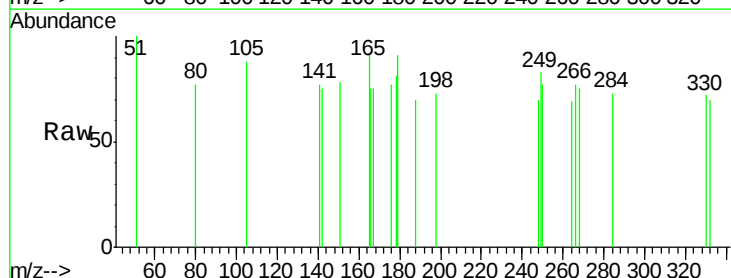
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 89.8 57.2 85.8#

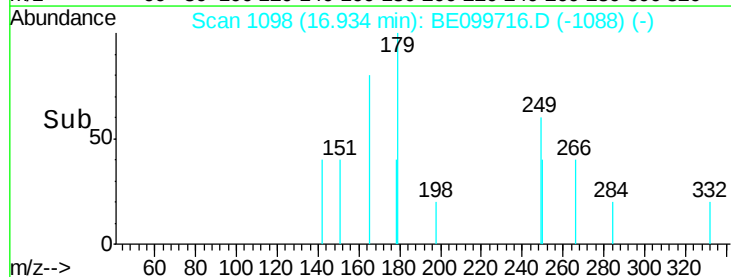
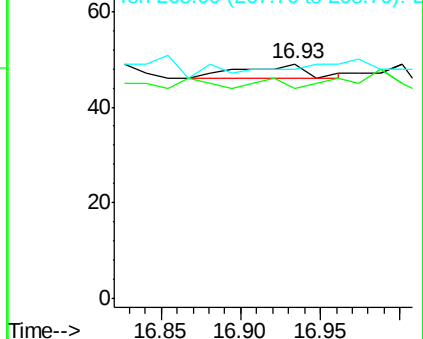
268 98.0 60.5 90.7#

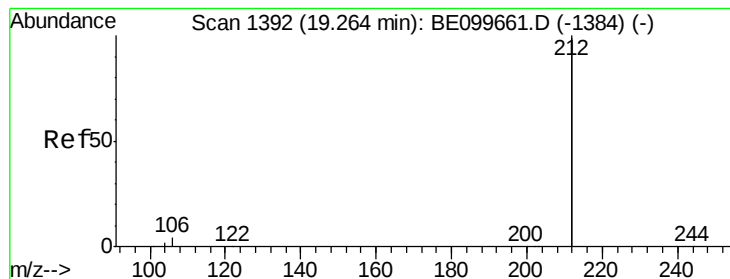


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

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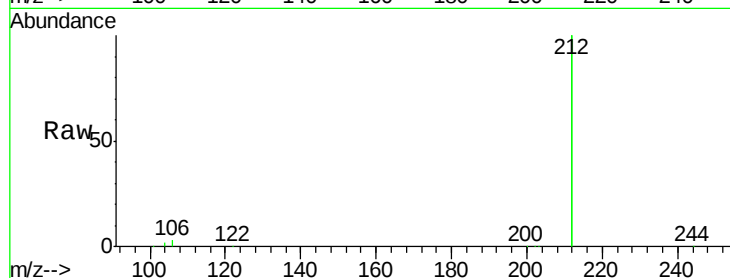
Tgt Ion:212 Resp: 59091

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

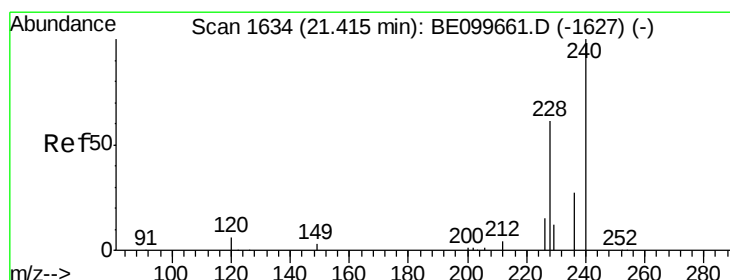
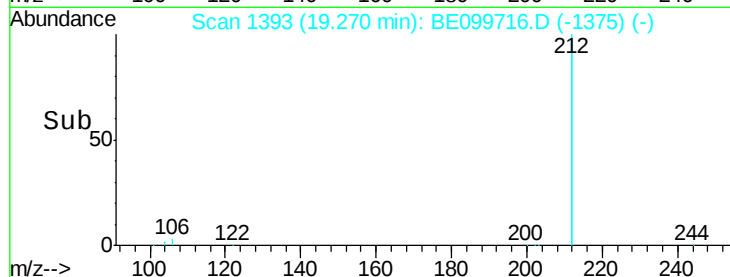
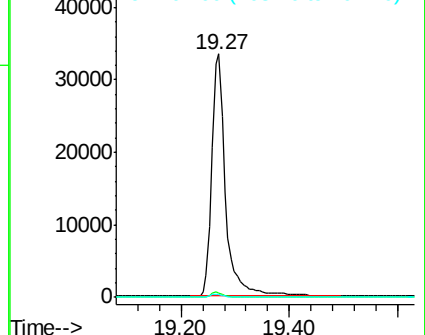
104 1.1 0.8 1.2



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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

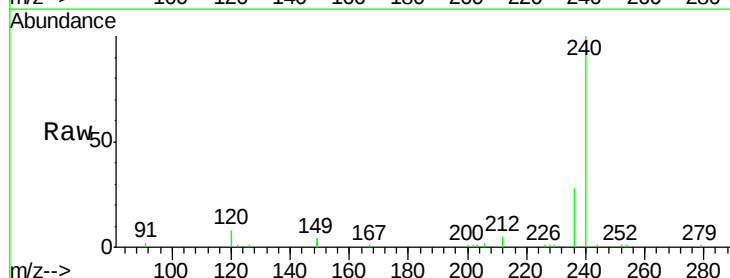
Tgt Ion:240 Resp: 15477

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.0

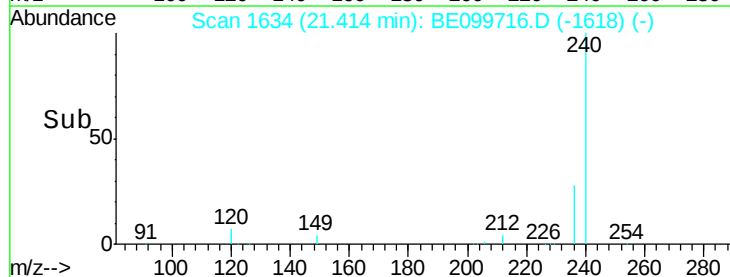
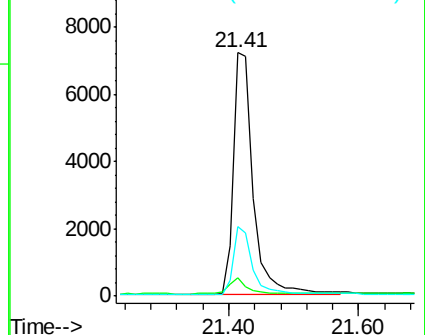
236 28.3 21.7 32.5

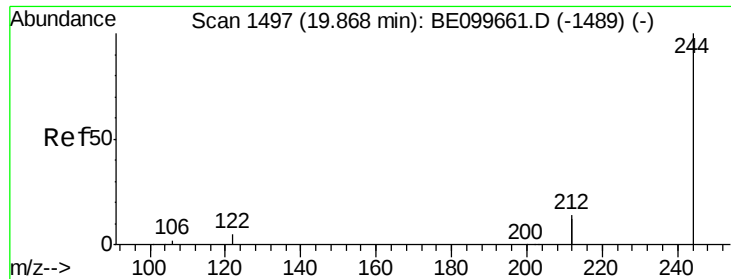


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099716.D

Acq: 22 May 2019 12:44

Instrument :

BNA_E

ClientSampleId :

PB119960BL

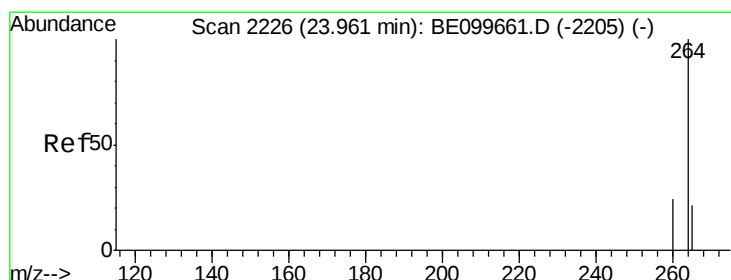
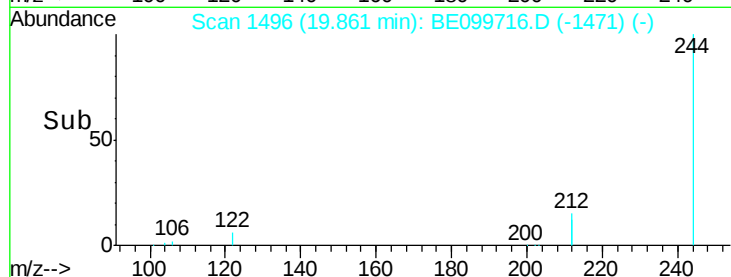
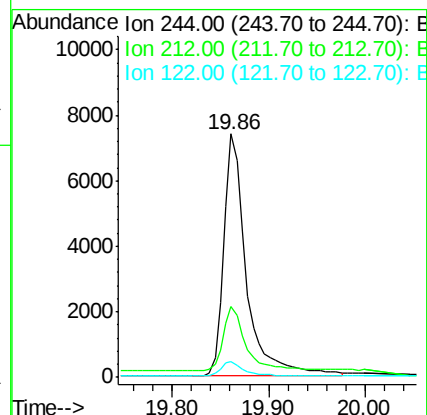
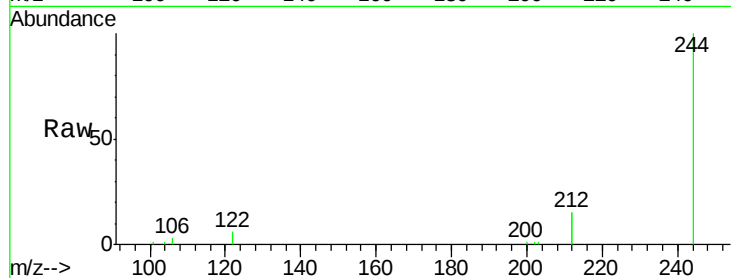
Tgt Ion:244 Resp: 12198

Ion Ratio Lower Upper

244 100

212 29.1 22.5 33.7

122 6.5 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: BE099716.D

Acq: 22 May 2019 12:44

Tgt Ion:264 Resp: 18845

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 24.9 19.1 28.7

