

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099768.D
 Acq On : 28 May 2019 21:55
 Operator : JU/SJ
 Sample : K3037-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW2-R1-3

Quant Time: Jun 06 09:39:50 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

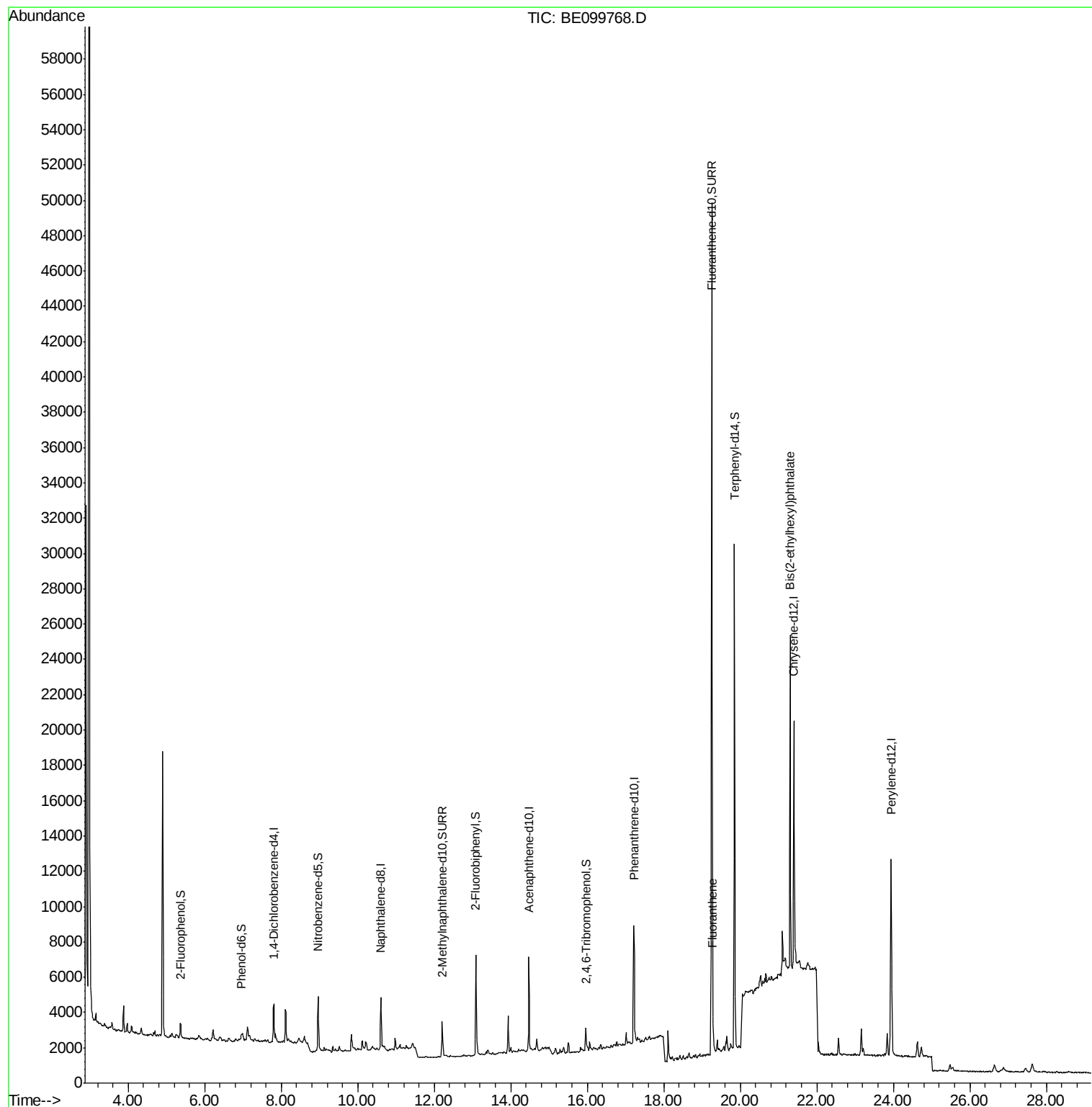
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1104	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4071	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3351	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	10358	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	14608	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17123	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	544	0.19	ng	0.00
5) Phenol-d6	6.96	99	447	0.12	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1590	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2938	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1026	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	6219	0.49	ng	-0.01
25) Fluoranthene-d10	19.25	212	64488	0.46	ng	-0.01
29) Terphenyl-d14	19.85	244	25640	0.98	ng	-0.02
Target Compounds						
26) Fluoranthene	19.28	202	803	0.020	ng	Qvalue # 85
32) Bis(2-ethylhexyl)phthalate	21.31	149	19964	0.417	ng	100

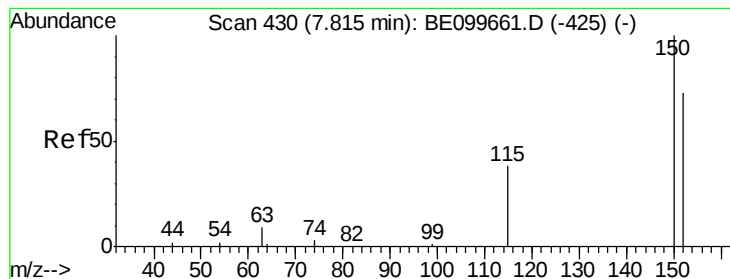
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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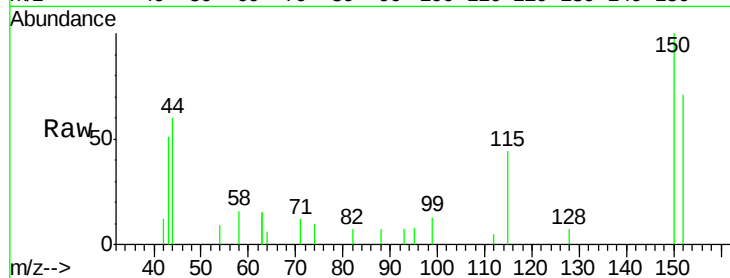


#1

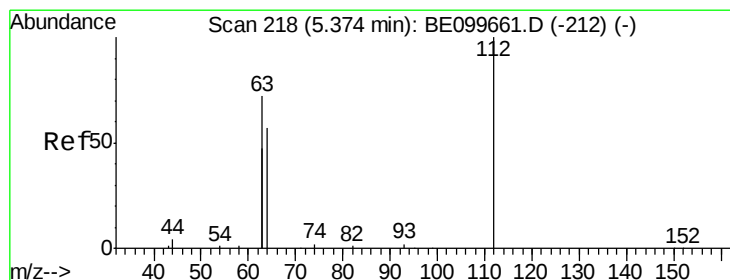
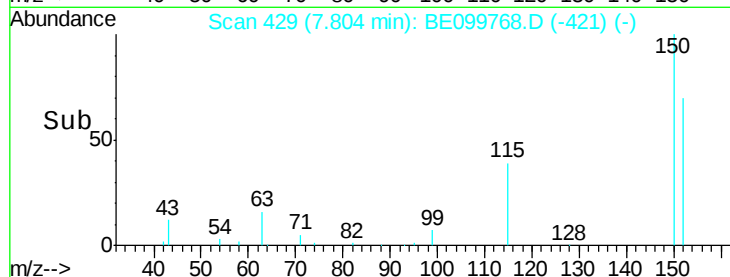
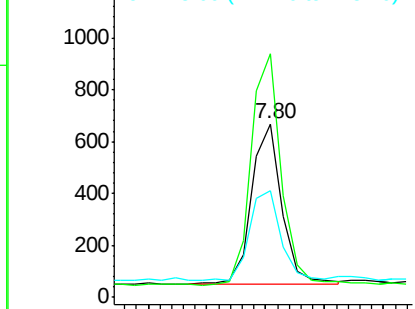
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099768.D
Acq: 28 May 2019 21:55

Instrument :
BNA_E
ClientSampleId :
MW2-R1-3

Tot Ion:152 Resp: 1104
Ion Ratio Lower Upper
152 100
150 140.4 109.2 163.8
115 61.8 43.7 65.5



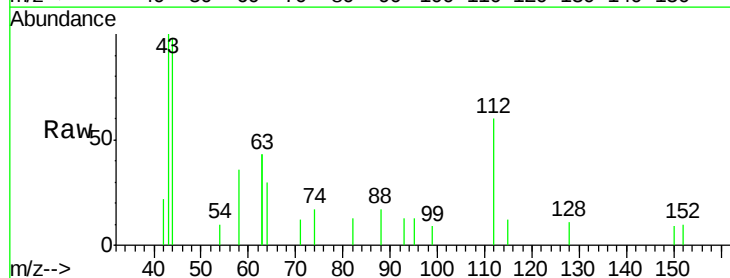
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



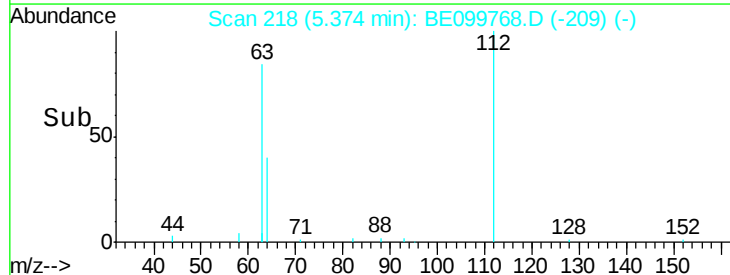
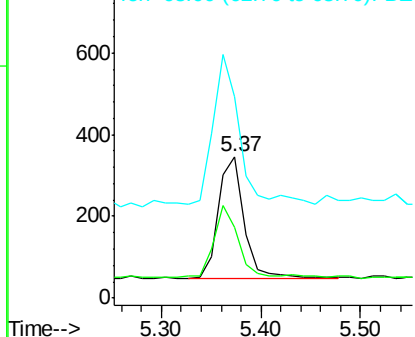
#4

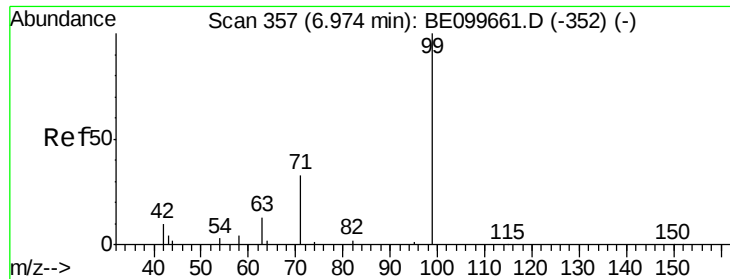
2-Fluorophenol
Concen: 0.195 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099768.D
Acq: 28 May 2019 21:55

Tgt Ion:112 Resp: 544
Ion Ratio Lower Upper
112 100
64 54.0 43.4 65.2
63 125.0 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: 0.121 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

Instrument :

BNA_E

ClientSampled :

MW2-R1-3

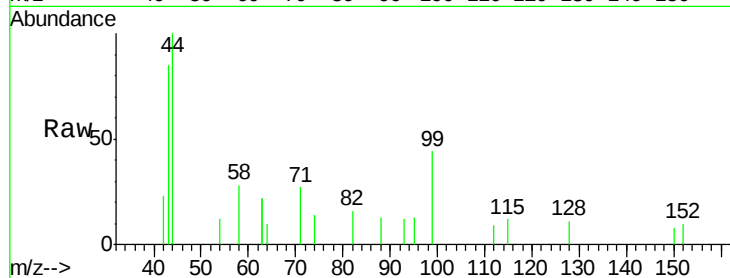
Tot Ion: 99 Resp: 447

Ion Ratio Lower Upper

99 100

42 10.7 12.2 18.2#

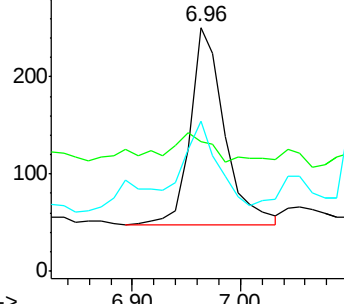
71 40.7 28.9 43.3



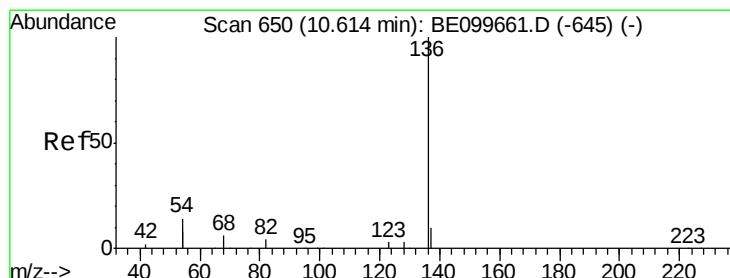
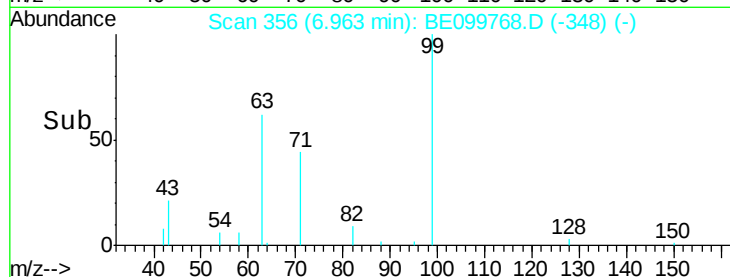
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

Tgt Ion: 136 Resp: 4071

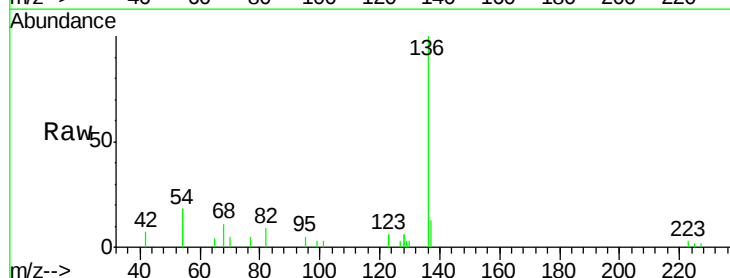
Ion Ratio Lower Upper

136 100

137 13.1 9.0 13.6

54 36.6 22.3 33.5#

68 10.8 6.0 9.0#

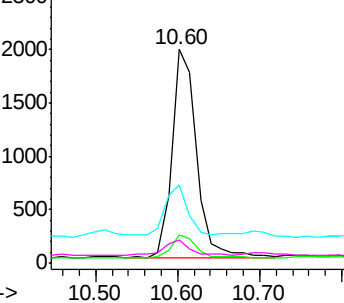


Abundance Ion 136.00 (135.70 to 136.70): E

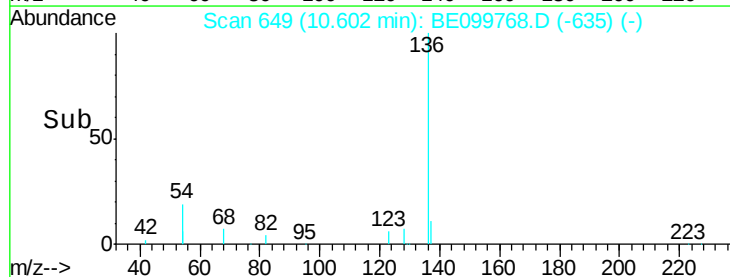
Ion 137.00 (136.70 to 137.70): E

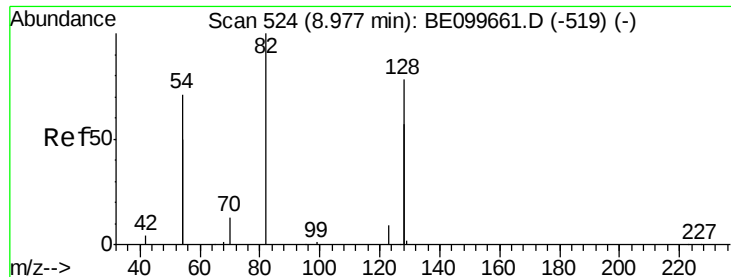
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.451 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

Instrument :

BNA_E

ClientSampleId :

MW2-R1-3

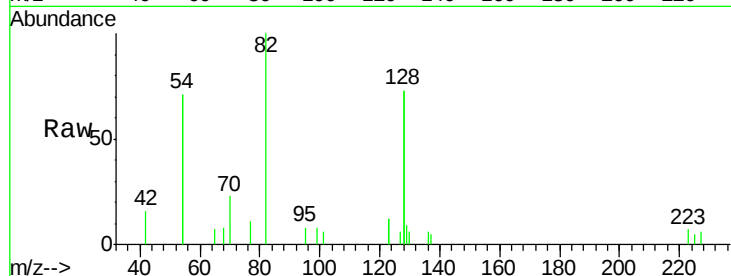
Tot Ion: 82 Resp: 1590

Ion Ratio Lower Upper

82 100

128 146.8 117.7 176.5

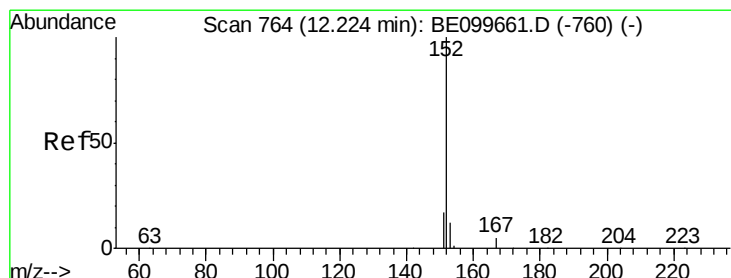
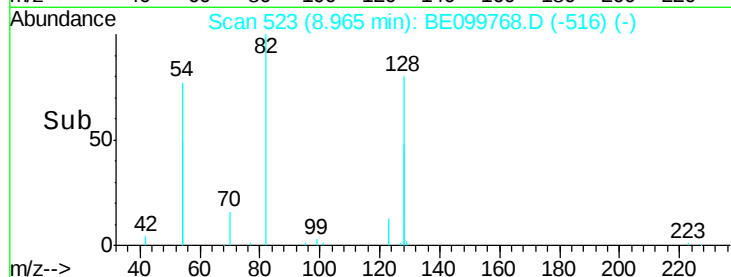
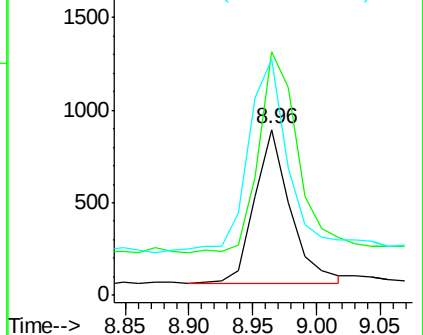
54 142.3 106.6 160.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099768.D

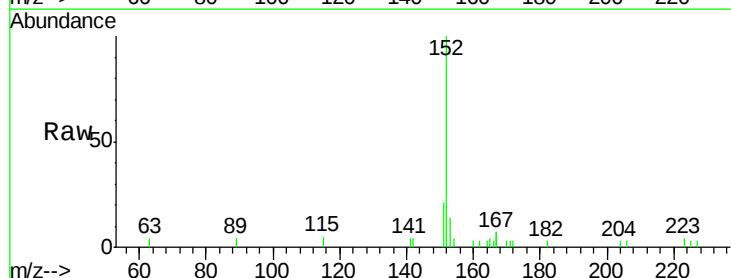
Acq: 28 May 2019 21:55

Tgt Ion: 152 Resp: 2938

Ion Ratio Lower Upper

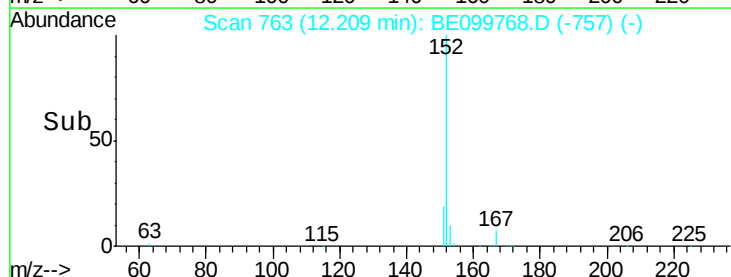
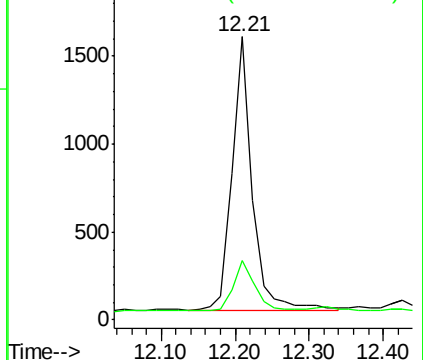
152 100

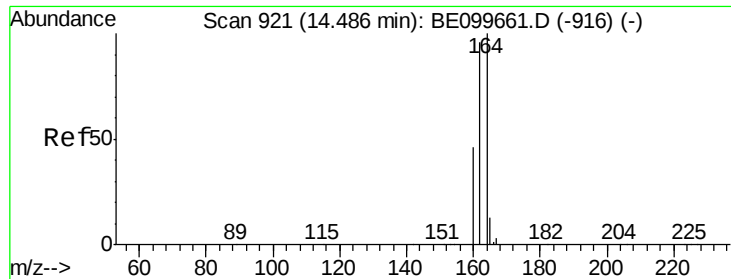
151 18.6 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

Instrument :

BNA_E

ClientSampled :

MW2-R1-3

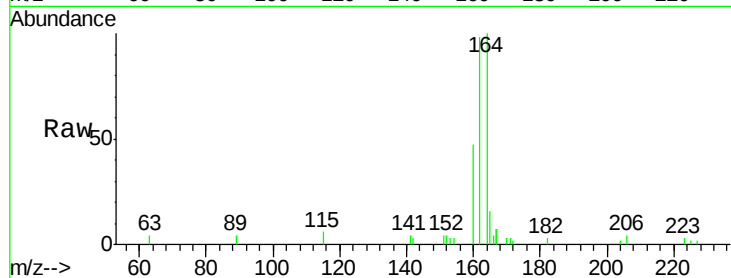
Tot Ion:164 Resp: 3351

Ion Ratio Lower Upper

164 100

162 97.7 76.5 114.7

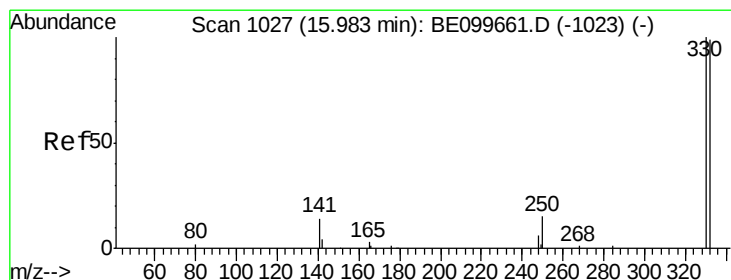
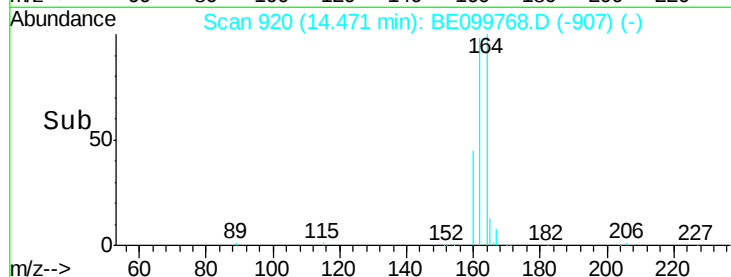
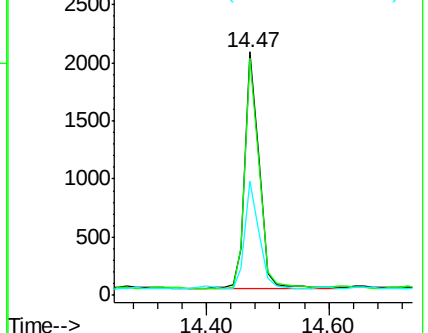
160 46.8 37.4 56.2



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: 0.527 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

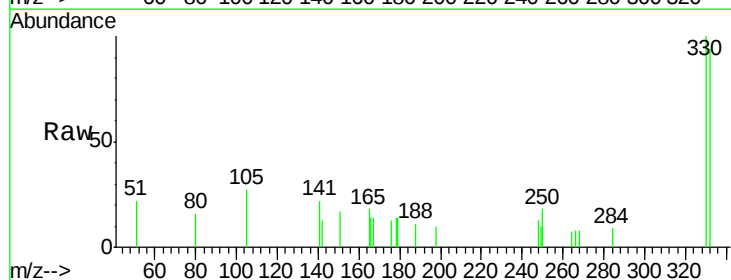
Tgt Ion:330 Resp: 1026

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

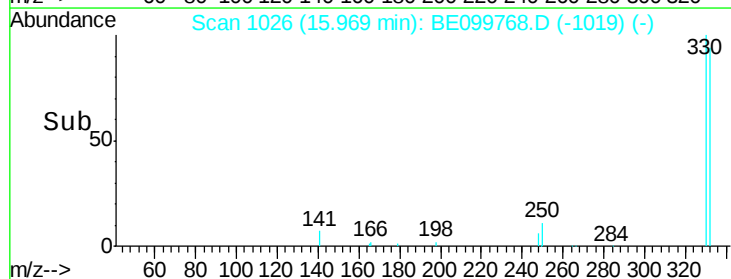
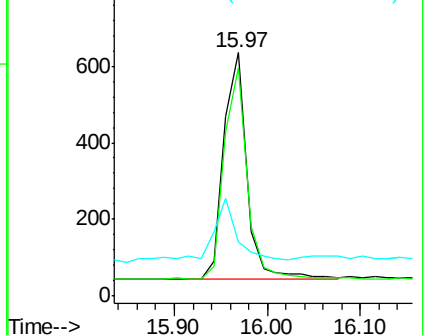
141 24.4 18.9 28.3

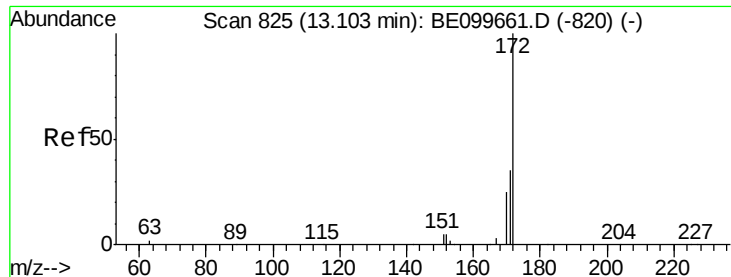


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

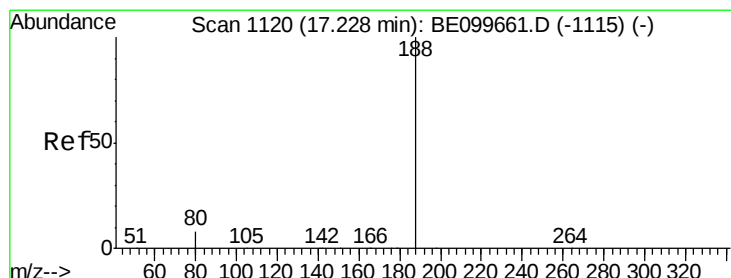
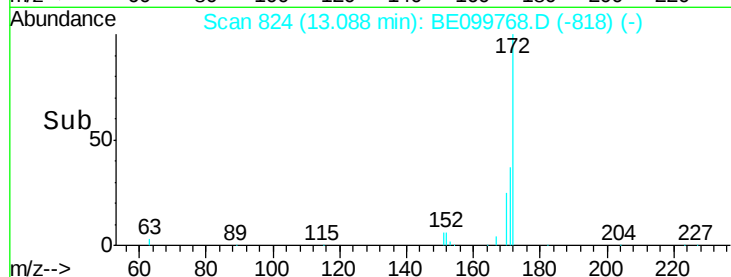
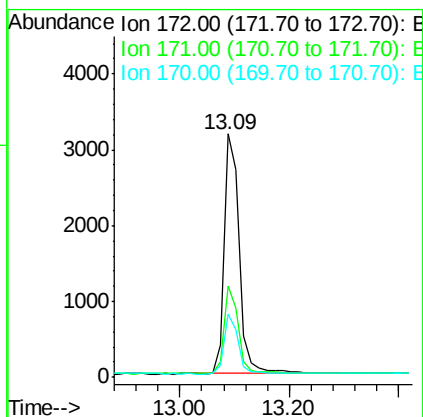
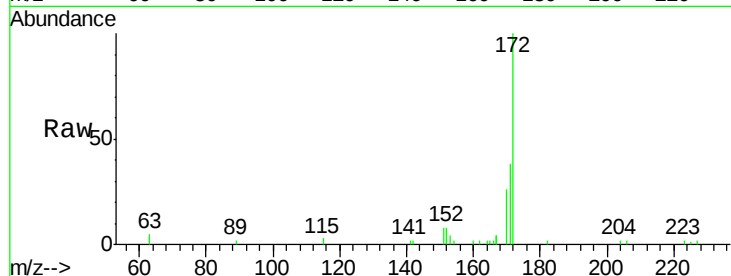




#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099768.D
Acq: 28 May 2019 21:55

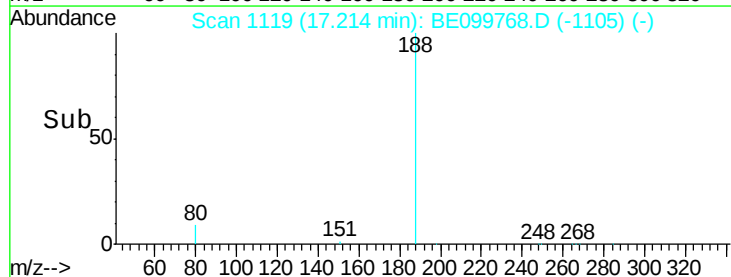
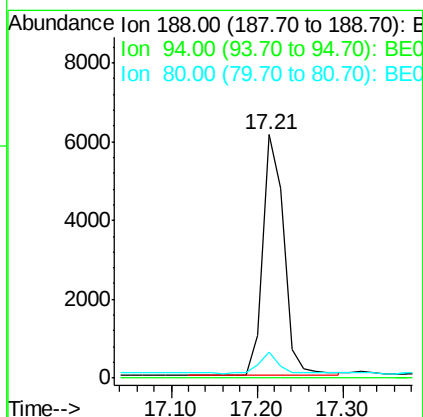
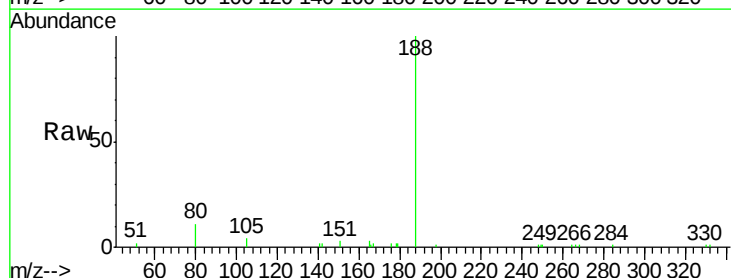
Instrument :
BNA_E
ClientSampleId :
MW2-R1-3

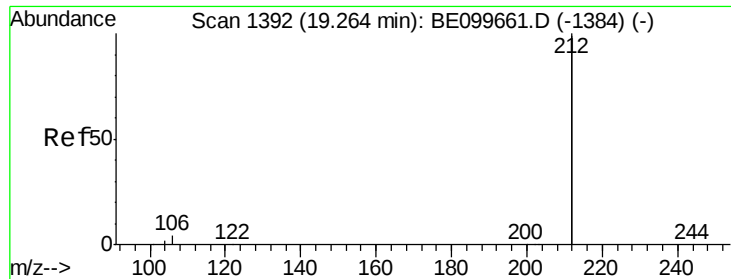
Tot Ion:172 Resp: 6219
Ion Ratio Lower Upper
172 100
171 37.8 28.7 43.1
170 26.1 20.9 31.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099768.D
Acq: 28 May 2019 21:55

Tgt Ion:188 Resp: 10358
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 6.7 10.1#





#25

Fluoranthene-d10

Concen: 0.456 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

Instrument :

BNA_E

ClientSampleId :

MW2-R1-3

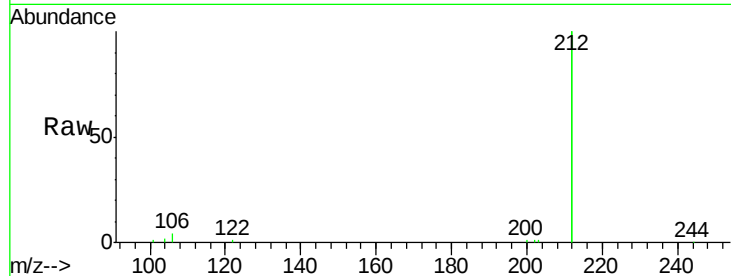
Tot Ion:212 Resp: 64488

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

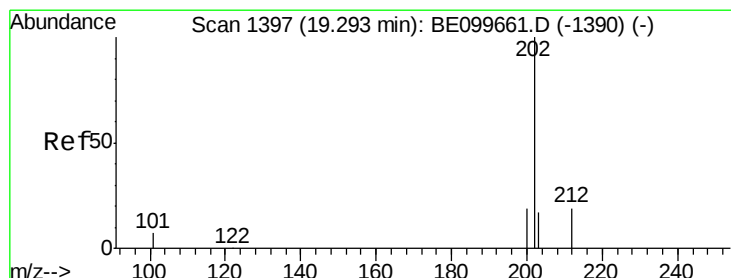
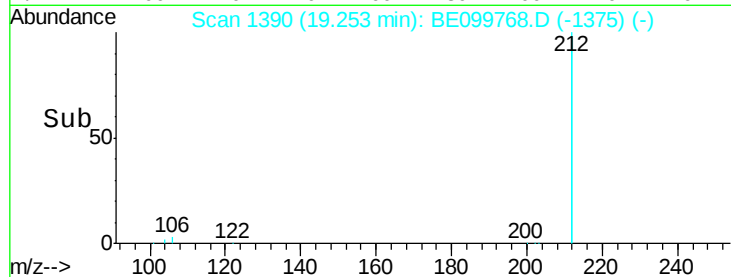
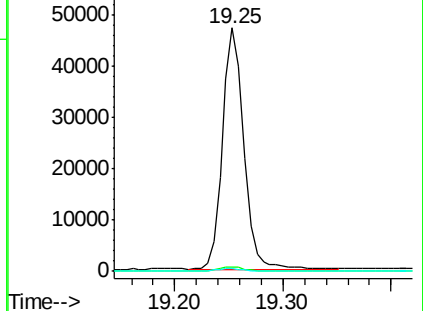
104 1.1 0.8 1.2



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



#26

Fluoranthene

Concen: 0.020 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

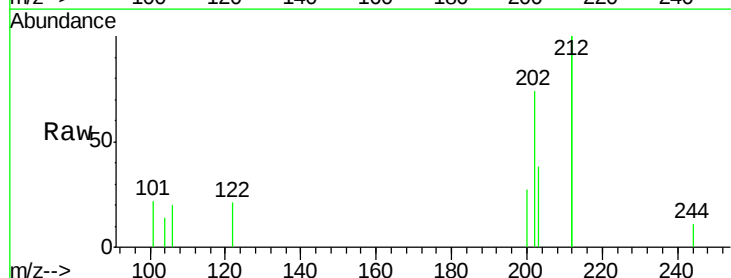
Tgt Ion:202 Resp: 803

Ion Ratio Lower Upper

202 100

101 19.3 5.2 7.8#

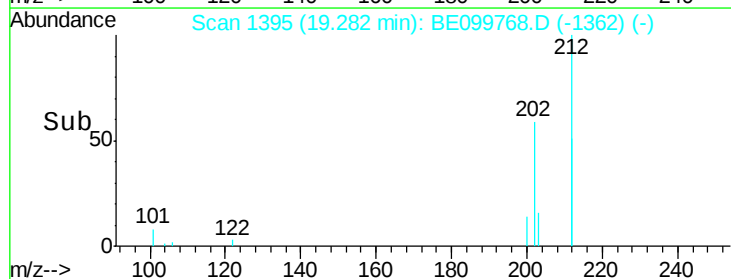
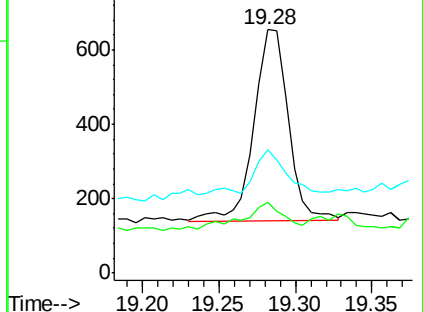
203 19.8 13.8 20.6

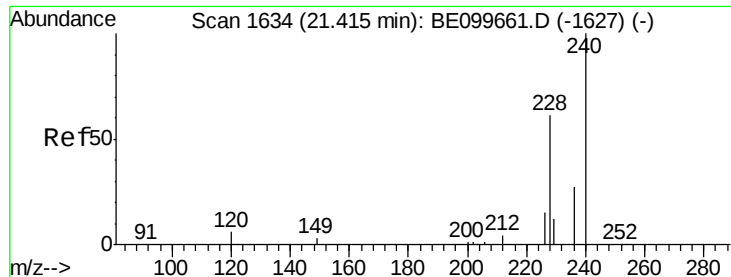


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

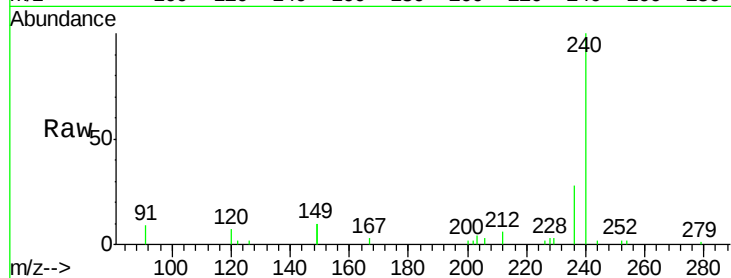




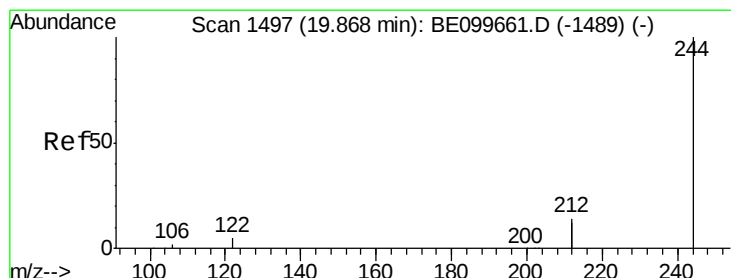
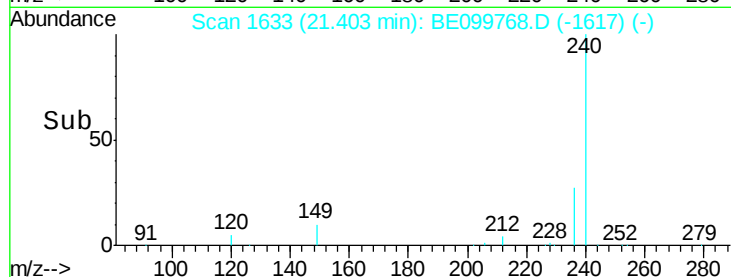
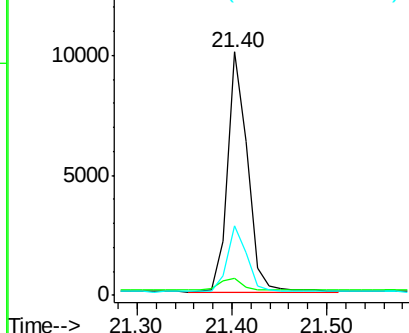
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099768.D
Acq: 28 May 2019 21:55

Instrument :
BNA_E
ClientSampleId :
MW2-R1-3

Tot Ion:240 Resp: 14608
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 28.5 21.7 32.5

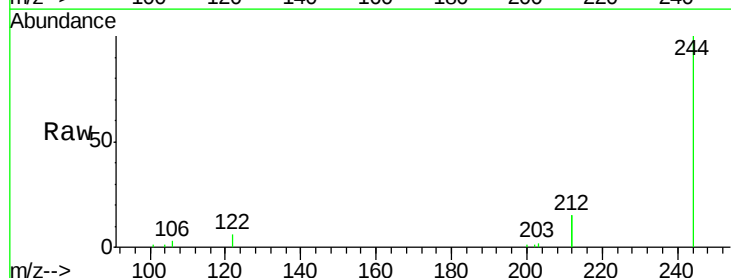


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

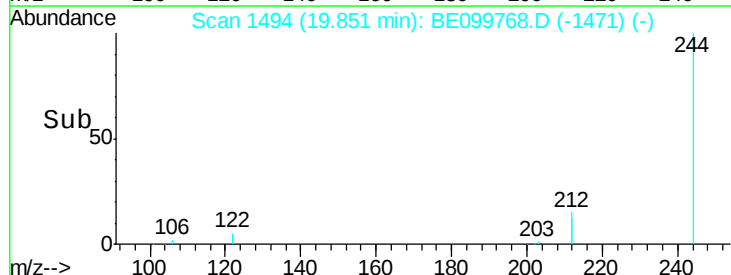
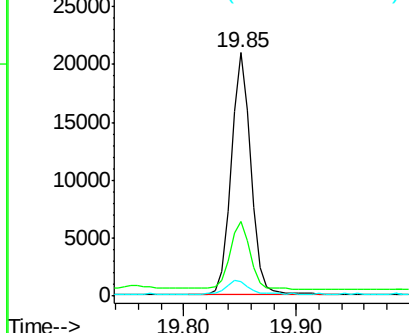


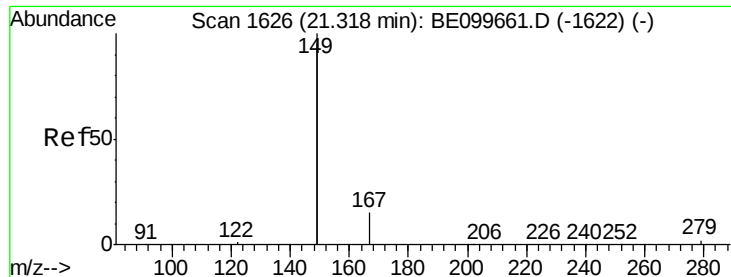
#29
Terphenyl-d14
Concen: 0.983 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099768.D
Acq: 28 May 2019 21:55

Tgt Ion:244 Resp: 25640
Ion Ratio Lower Upper
244 100
212 30.7 22.5 33.7
122 6.0 4.3 6.5



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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

Instrument :

BNA_E

ClientSampleId :

MW2-R1-3

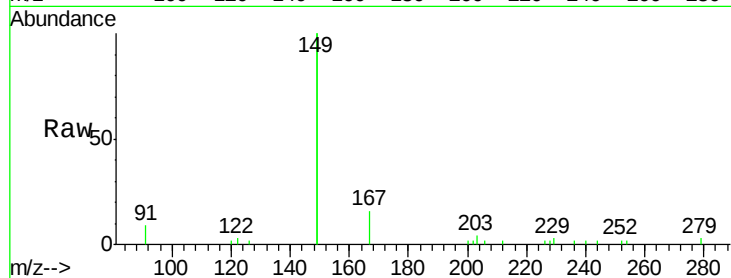
Tot Ion:149 Resp: 19964

Ion Ratio Lower Upper

149 100

167 7.9 6.2 9.4

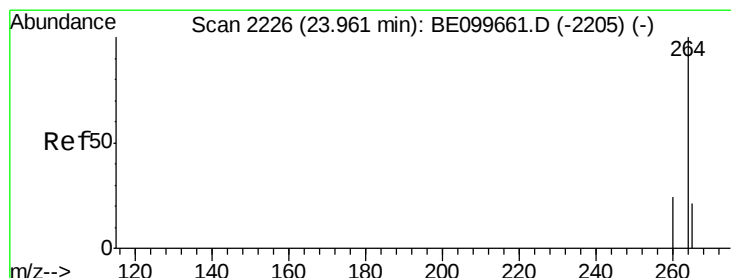
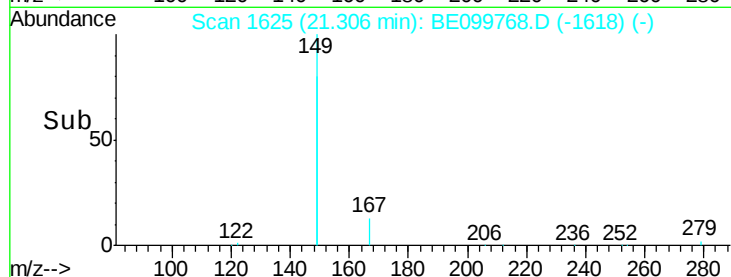
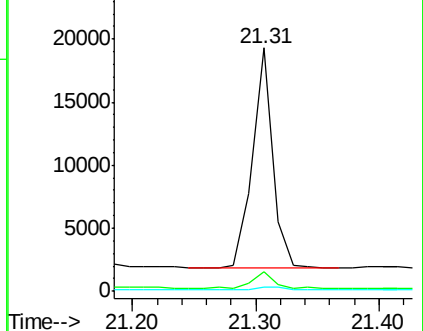
279 1.6 1.2 1.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BE099768.D

Acq: 28 May 2019 21:55

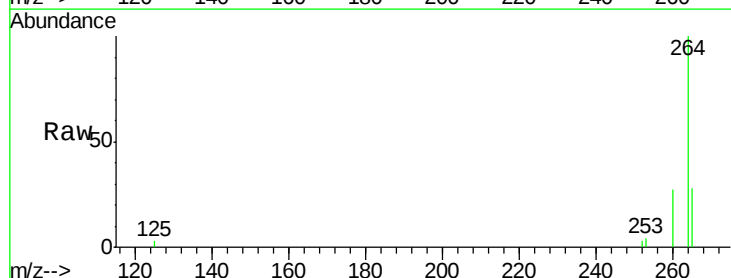
Tgt Ion:264 Resp: 17123

Ion Ratio Lower Upper

264 100

260 26.9 19.6 29.4

265 28.4 19.1 28.7



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

