

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
 Data File : BE099109.D
 Acq On : 23 Mar 2019 13:16
 Operator : JU/SJ
 Sample : PB118173BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118173BL

Quant Time: Mar 23 22:35:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

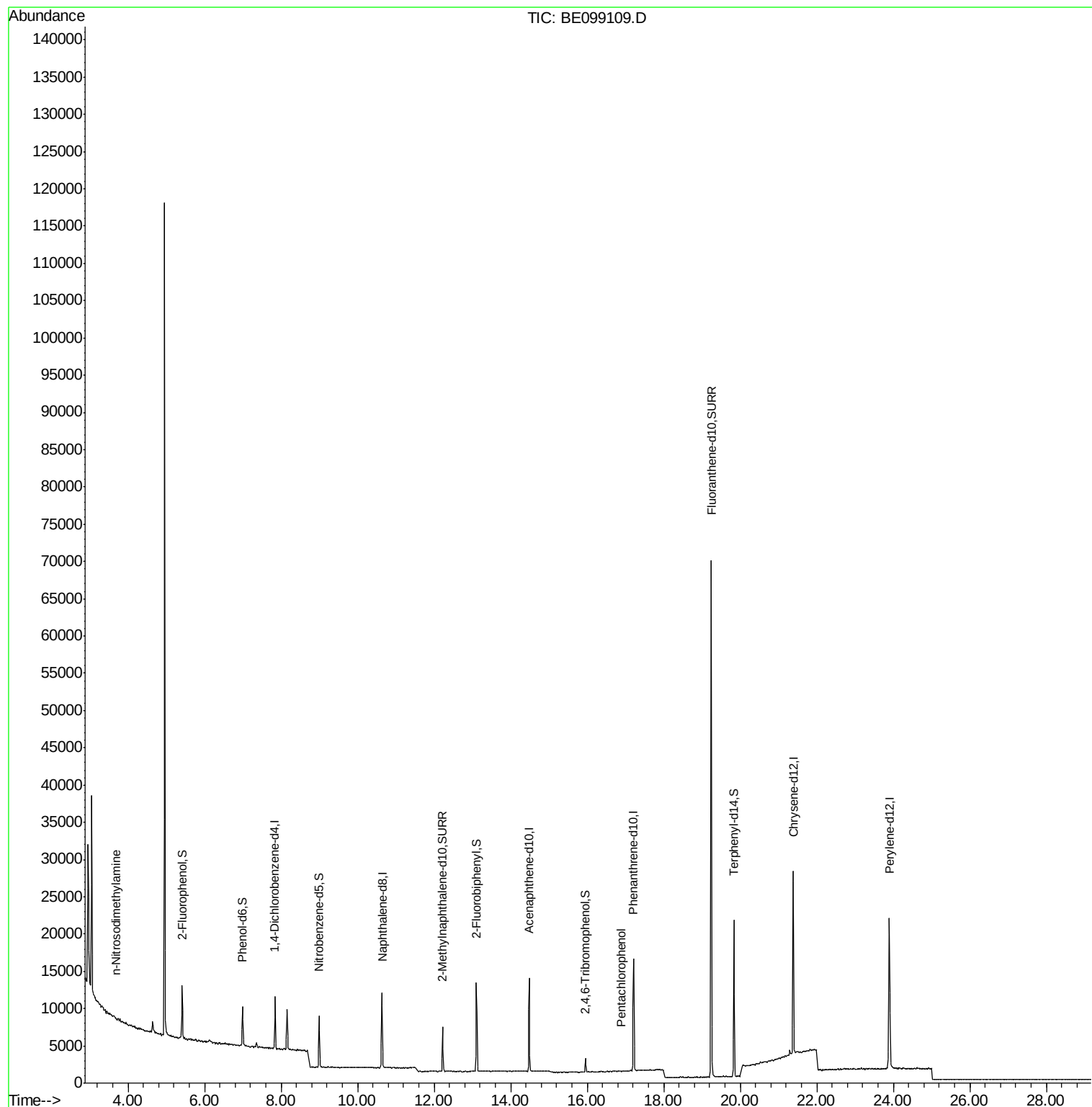
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3250	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12433	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	7790	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	20410	0.40	ng	0.00
27) Chrysene-d12	21.39	240	28995	0.40	ng	0.00
34) Perylene-d12	23.89	264	31084	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	3769	0.39	ng	0.00
5) Phenol-d6	6.99	99	4999	0.36	ng	0.00
8) Nitrobenzene-d5	8.99	82	3106	0.57	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	7429	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1061	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11493	0.37	ng	-0.01
25) Fluoranthene-d10	19.24	212	90297	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	18502	0.30	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.69	42	146	0.056	ng	Qvalue # 1
22) Pentachlorophenol	16.89	266	20	0.256	ng	88

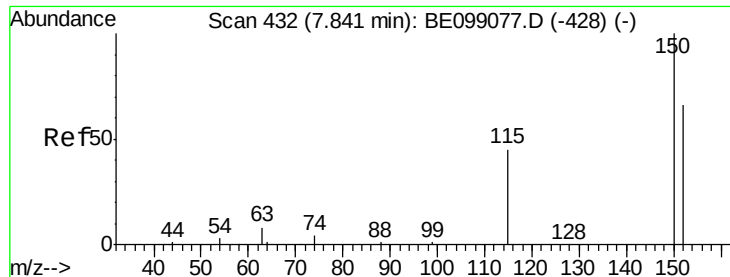
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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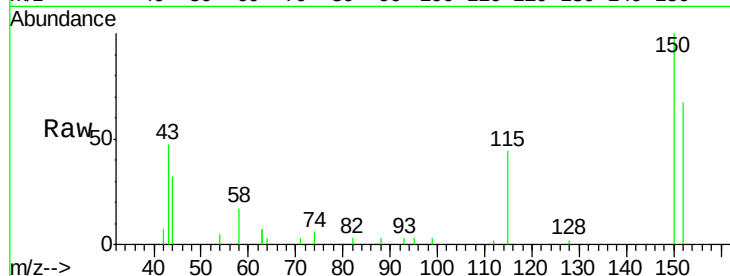


#1

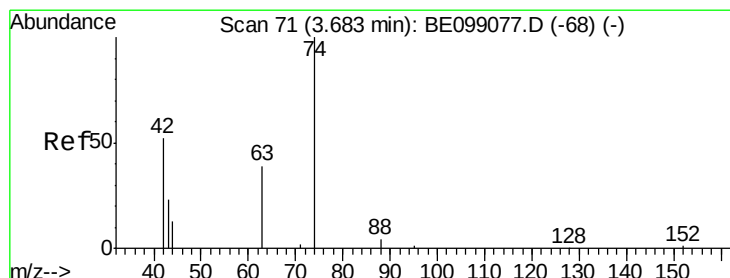
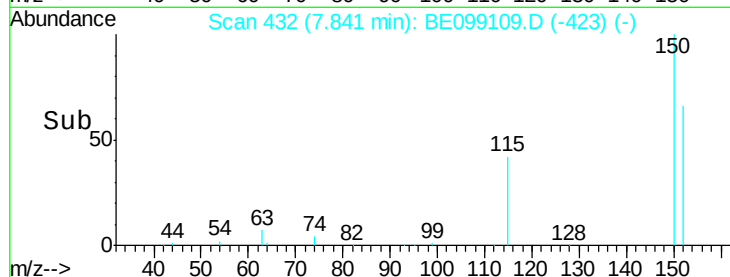
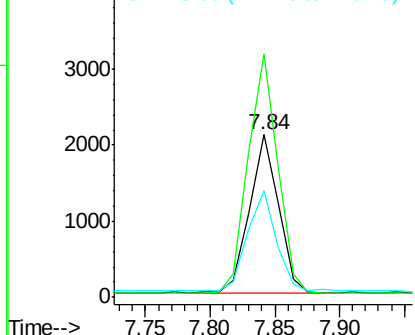
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099109.D
Acq: 23 Mar 2019 13:16

Instrument :
BNA_E
ClientSampleId :
PB118173BL

Tgt Ion:152 Resp: 3250
Ion Ratio Lower Upper
152 100
150 149.9 122.5 183.7
115 65.8 57.4 86.2



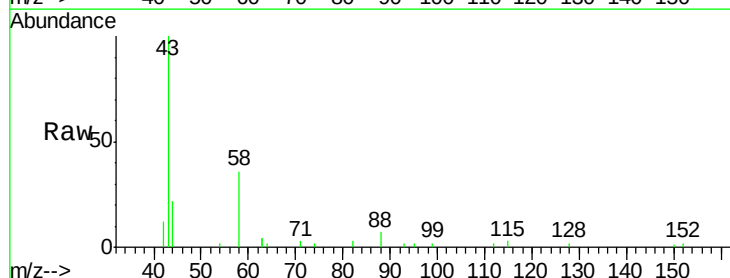
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



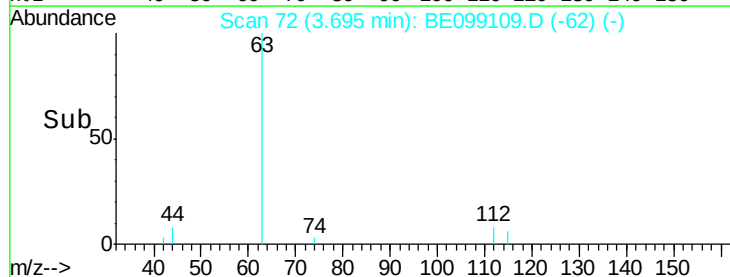
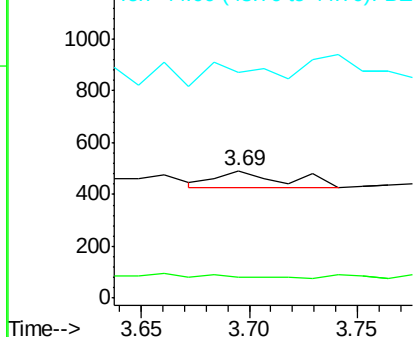
#3

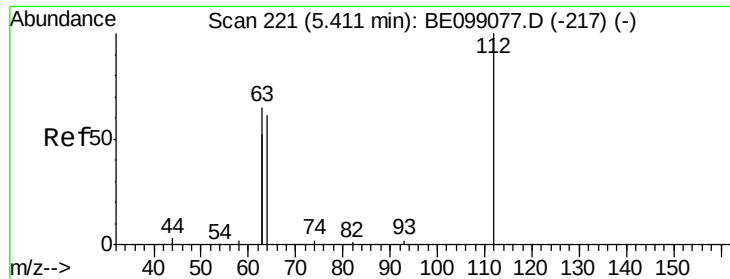
n-Nitrosodimethylamine
Concen: 0.056 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE099109.D
Acq: 23 Mar 2019 13:16

Tgt Ion: 42 Resp: 146
Ion Ratio Lower Upper
42 100
74 0.0 160.0 240.0#
44 116.4 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: 0.389 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB118173BL

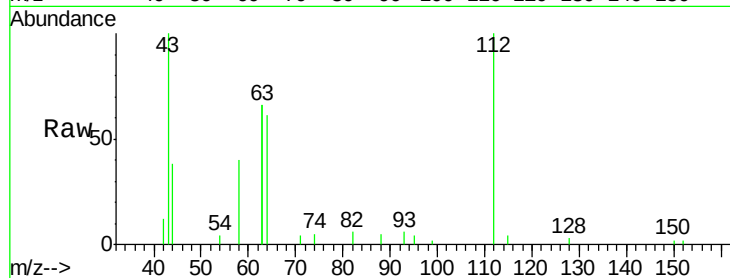
Tgt Ion: 112 Resp: 3769

Ion Ratio Lower Upper

112 100

64 55.5 57.9 86.9#

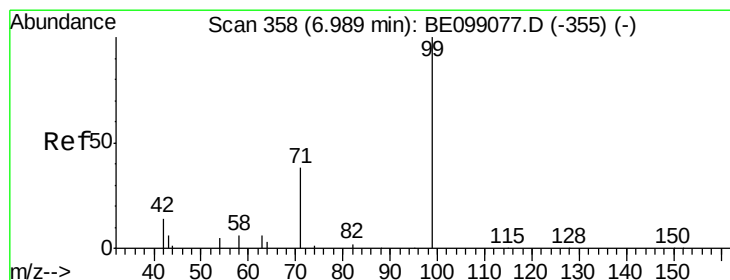
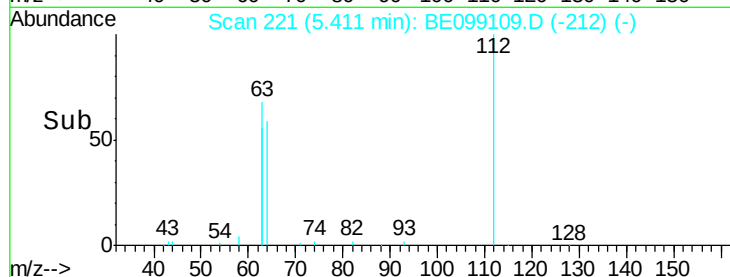
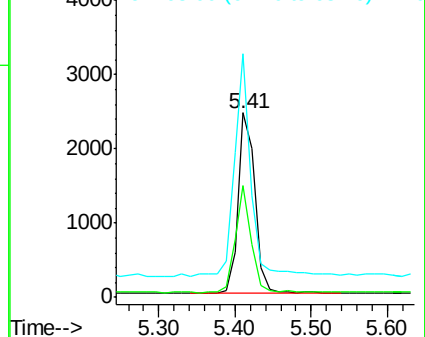
63 120.2 158.3 237.5#



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: 0.359 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

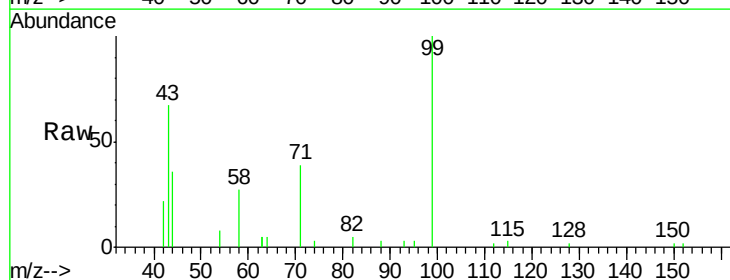
Tgt Ion: 99 Resp: 4999

Ion Ratio Lower Upper

99 100

42 15.1 24.2 36.2#

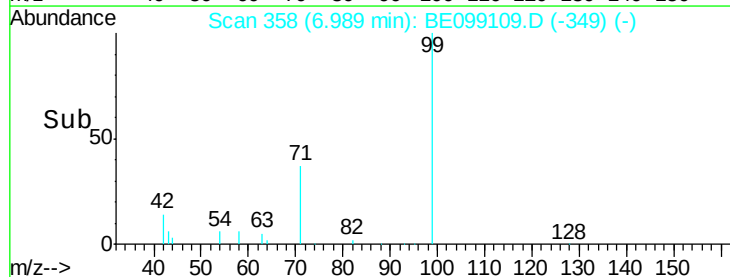
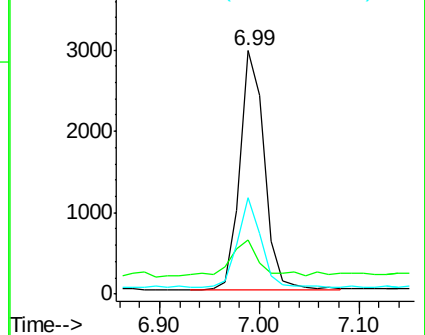
71 35.7 35.7 53.5

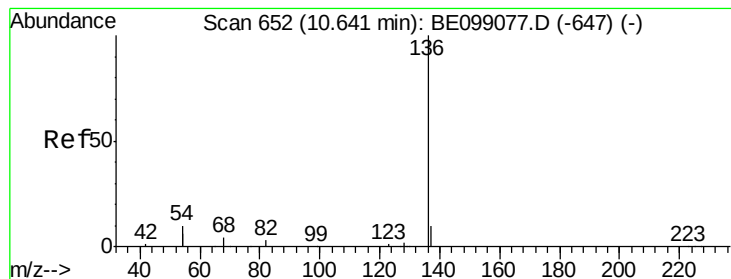


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB118173BL

Tgt Ion:136 Resp: 12433

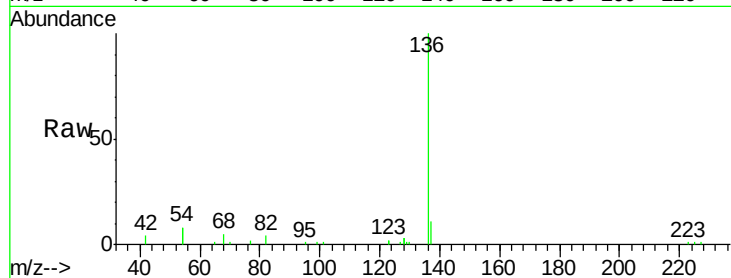
Ion Ratio Lower Upper

136 100

137 11.3 11.4 17.0#

54 15.9 39.3 58.9#

68 5.0 6.7 10.1#

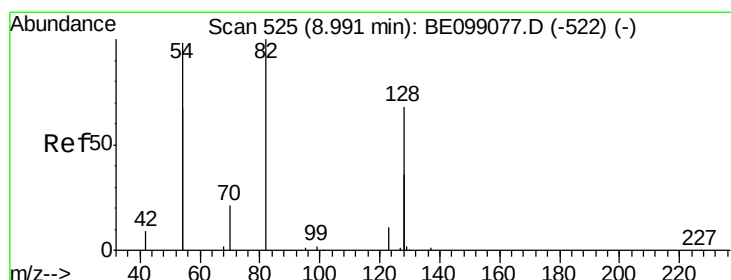
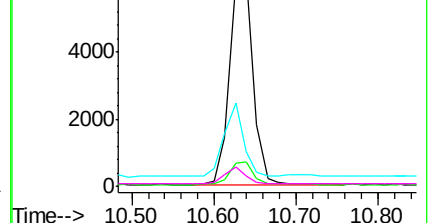
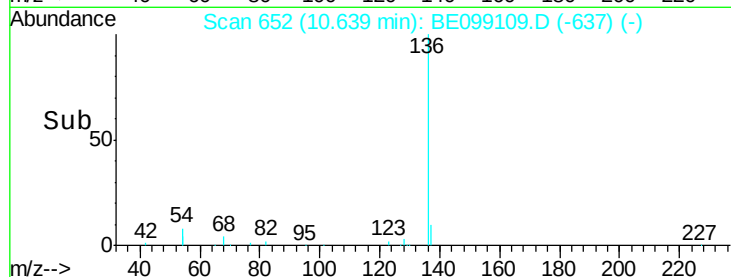


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.571 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

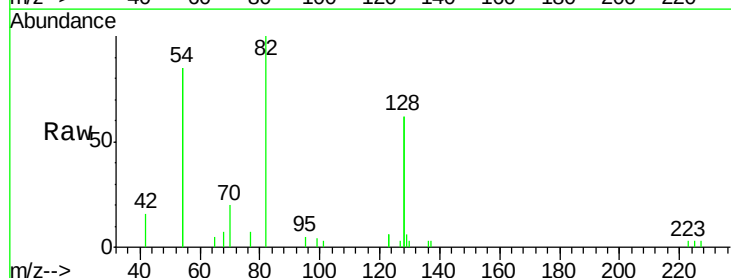
Tgt Ion: 82 Resp: 3106

Ion Ratio Lower Upper

82 100

128 123.3 123.8 185.8#

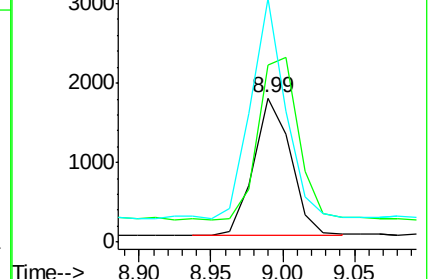
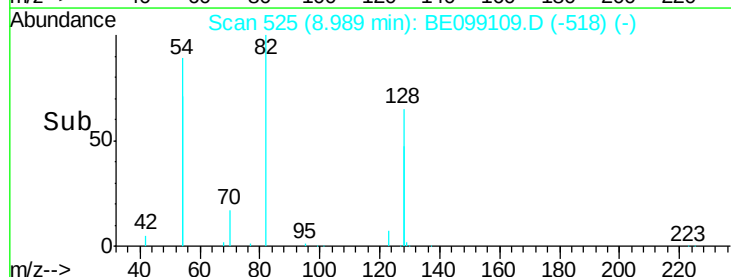
54 169.2 203.4 305.2#

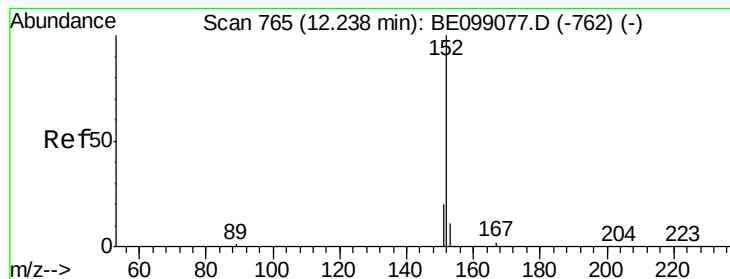


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

Instrument :

BNA_E

ClientSampleId :

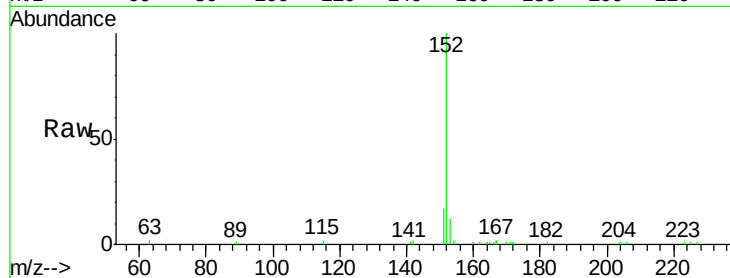
PB118173BL

Tgt Ion:152 Resp: 7429

Ion Ratio Lower Upper

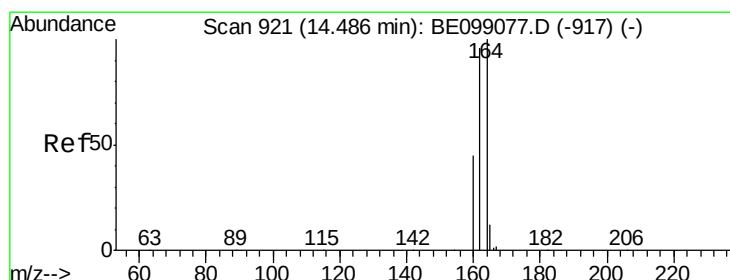
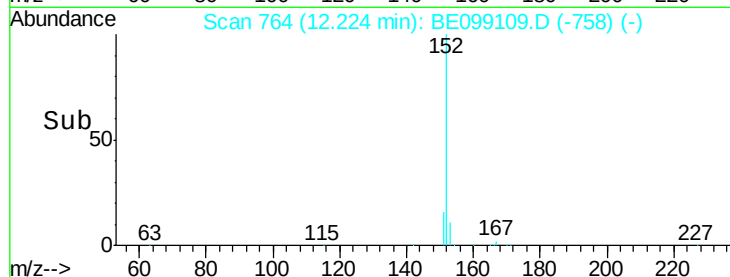
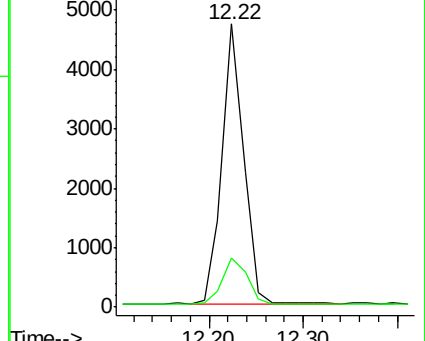
152 100

151 19.5 16.5 24.7



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: BE099109.D

Acq: 23 Mar 2019 13:16

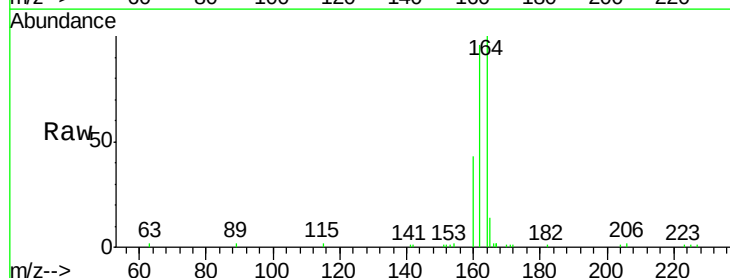
Tgt Ion:164 Resp: 7790

Ion Ratio Lower Upper

164 100

162 96.4 80.2 120.2

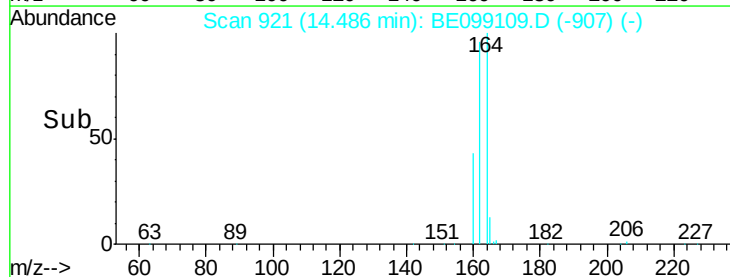
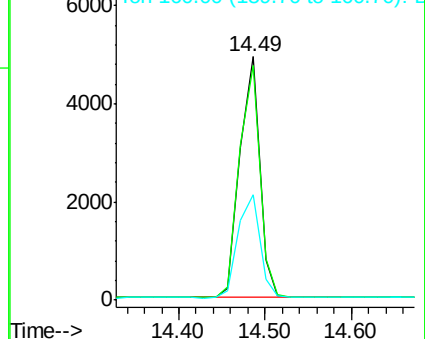
160 43.1 37.8 56.8

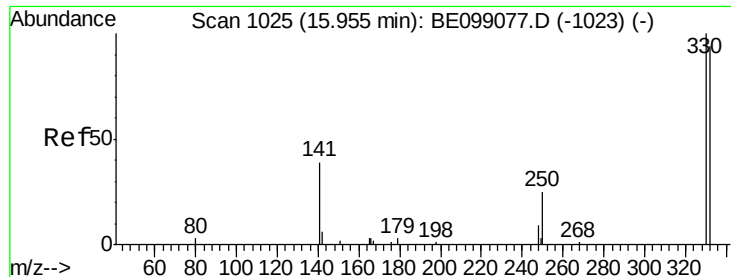


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

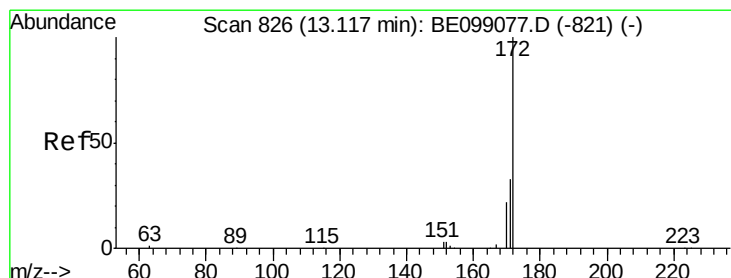
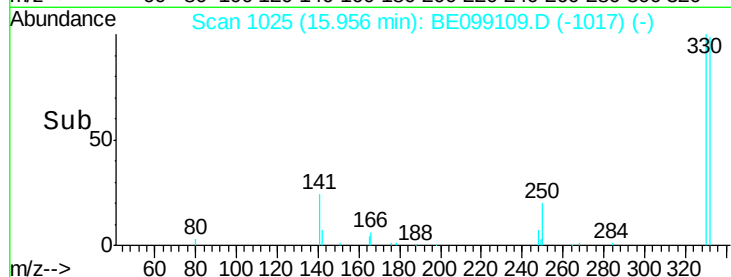
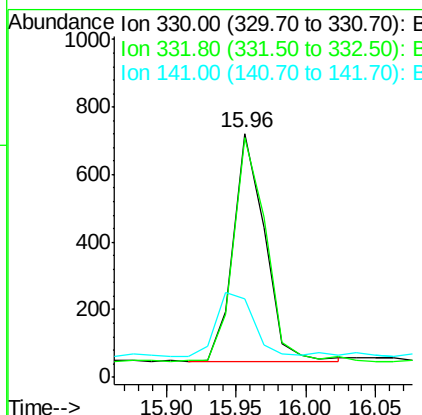
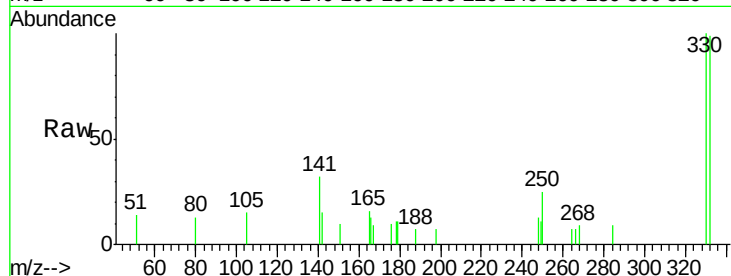




#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099109.D
 Acq: 23 Mar 2019 13:16

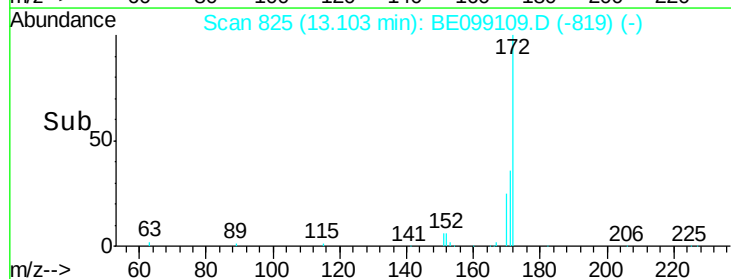
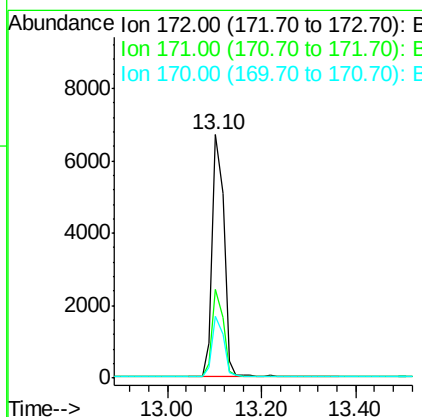
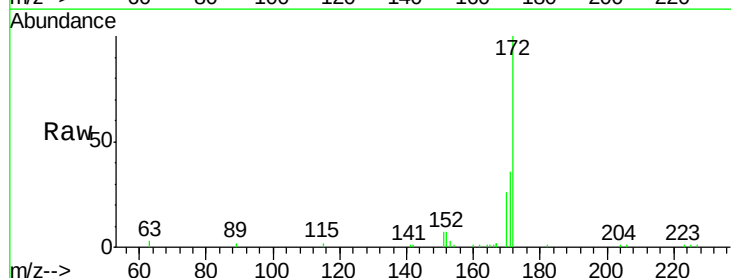
Instrument :
 BNA_E
 ClientSampleId :
 PB118173BL

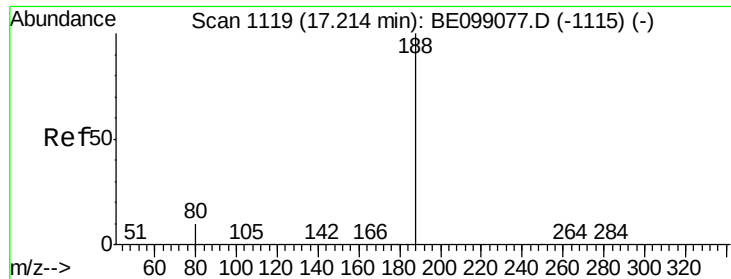
Tgt Ion: 330 Resp: 1061
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.6 116.4
 141 32.5 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.371 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BE099109.D
 Acq: 23 Mar 2019 13:16

Tgt Ion: 172 Resp: 11493
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.0 42.0
 170 25.6 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB118173BL

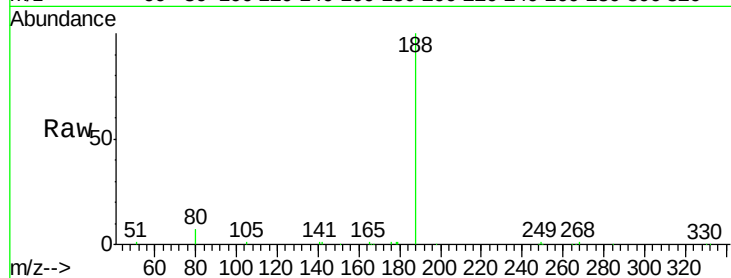
Tgt Ion:188 Resp: 20410

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

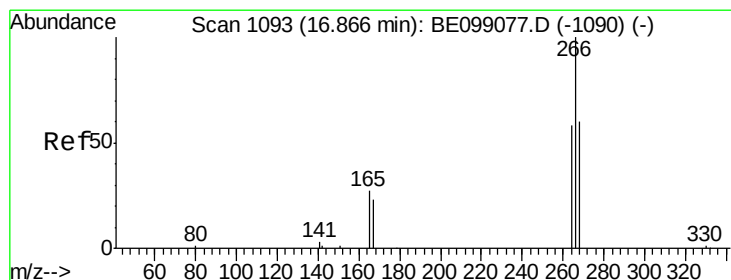
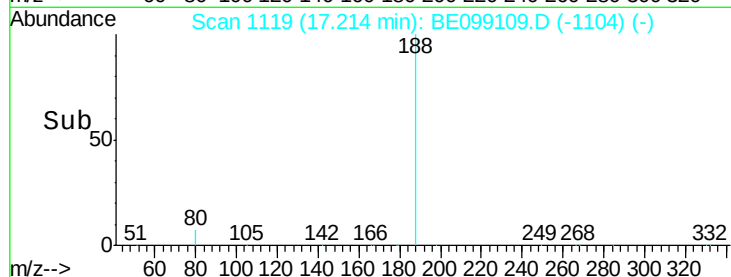
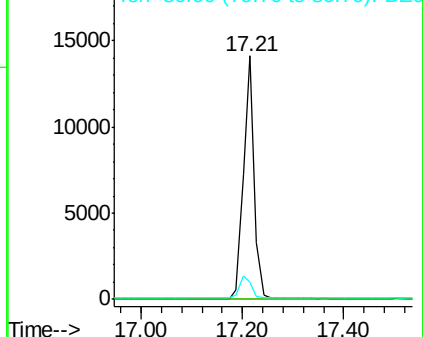
80 7.0 6.3 9.5



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: 0.256 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.03 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

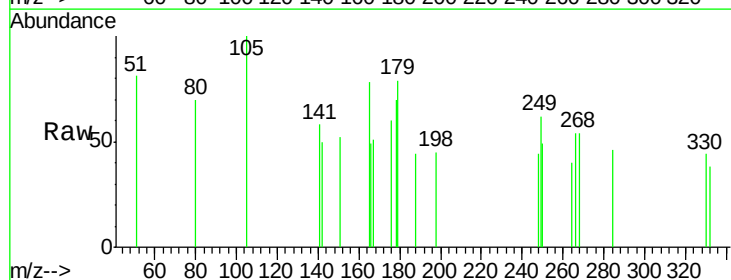
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 74.6 66.6 100.0

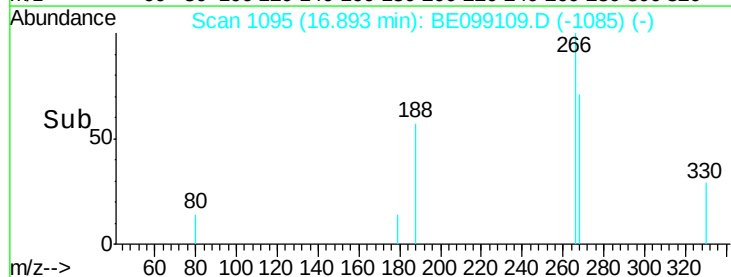
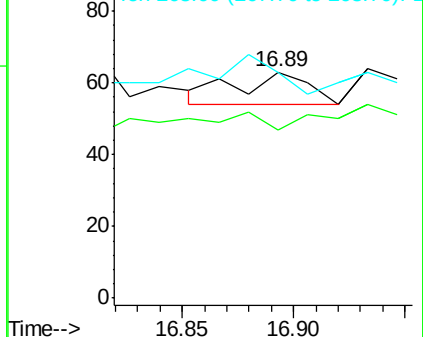
268 100.0 69.8 104.8

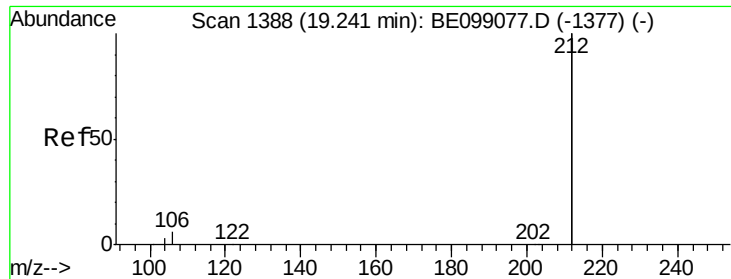


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

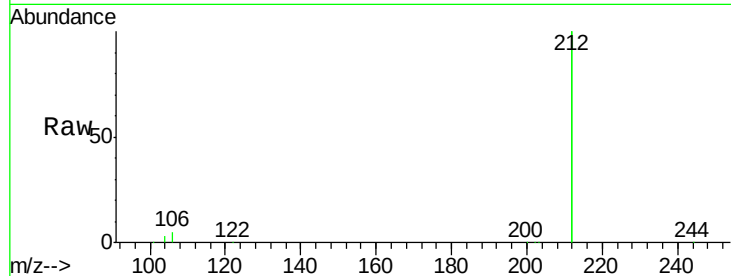
Instrument :

BNA_E

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PB118173BL

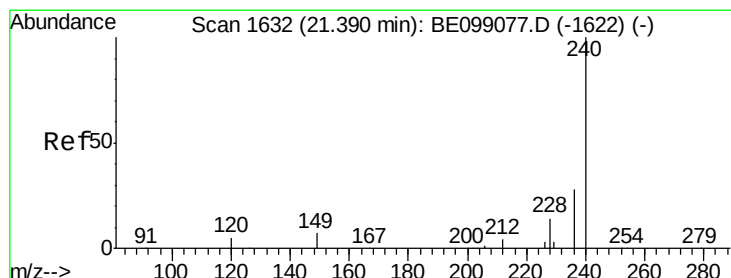
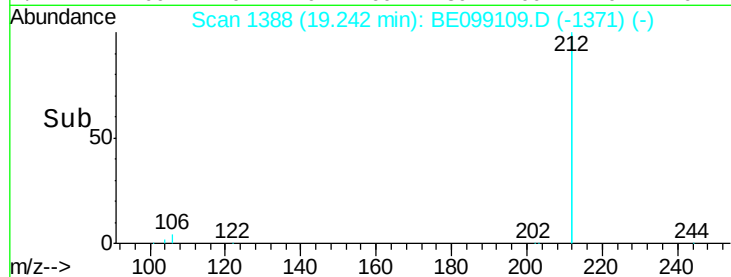
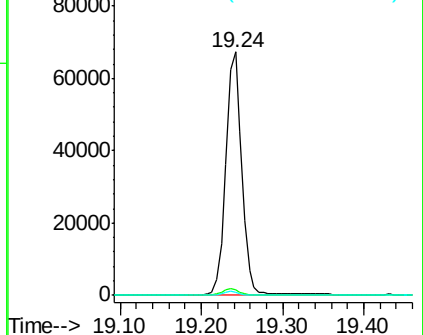
Tgt Ion:	212	Resp:	90297
Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.4	1.0	1.6



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

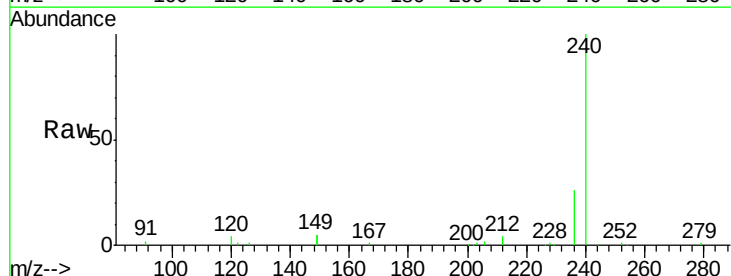
RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

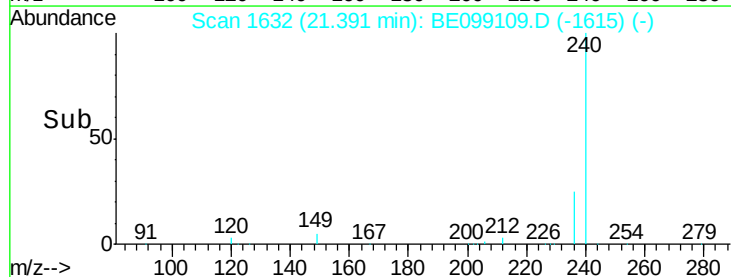
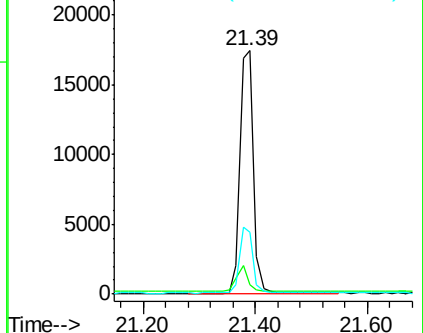
Tgt Ion:	240	Resp:	28995
Ion	Ratio	Lower	Upper
240	100		
120	3.9	5.0	7.4#
236	25.6	22.7	34.1

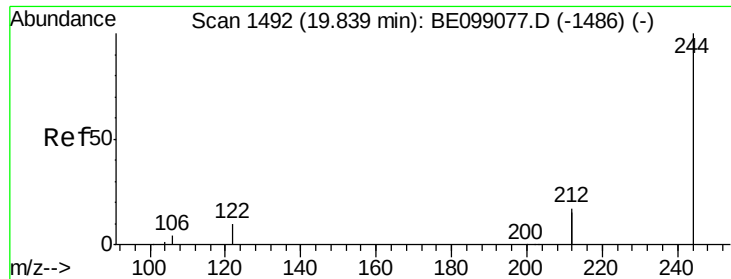


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.302 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PB118173BL

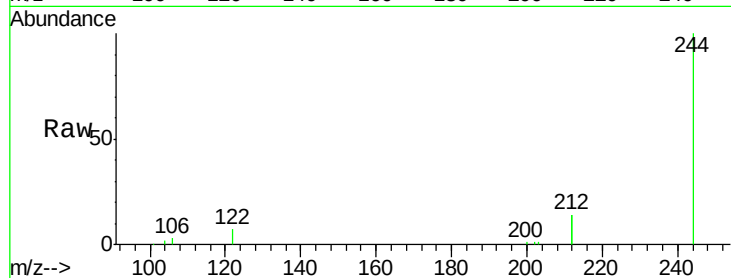
Tgt Ion:244 Resp: 18502

Ion Ratio Lower Upper

244 100

212 28.7 29.4 44.2#

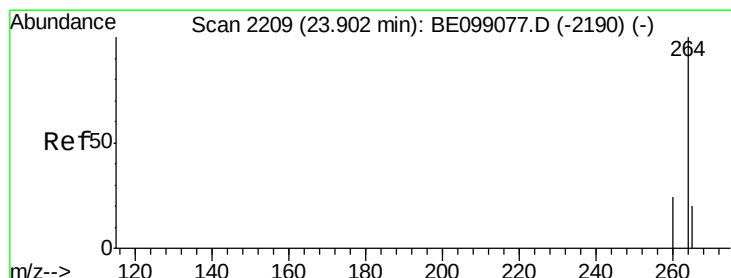
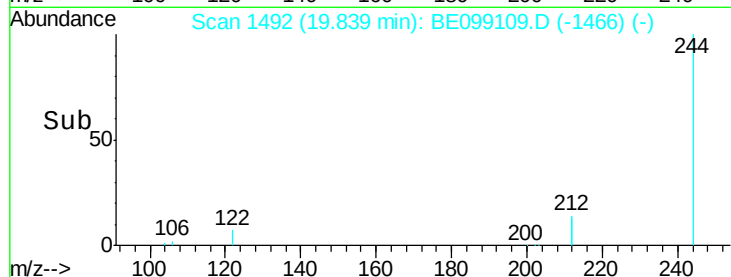
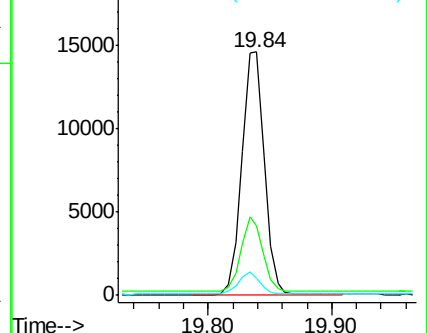
122 7.0 7.1 10.7#



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: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE099109.D

Acq: 23 Mar 2019 13:16

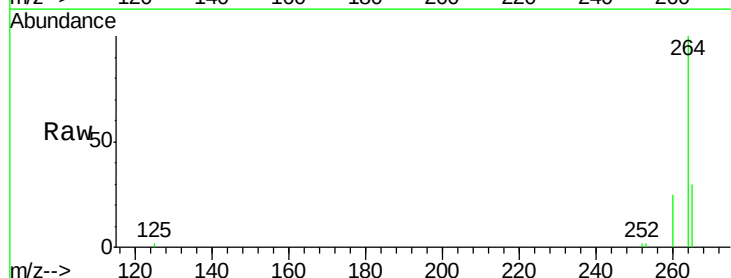
Tgt Ion:264 Resp: 31084

Ion Ratio Lower Upper

264 100

260 24.7 21.2 31.8

265 29.8 24.6 36.8



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

