

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099205.D
 Acq On : 26 Mar 2019 8:01
 Operator : JU/SJ
 Sample : K2064-14RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P020-TW001-01

Quant Time: Mar 26 12:10:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

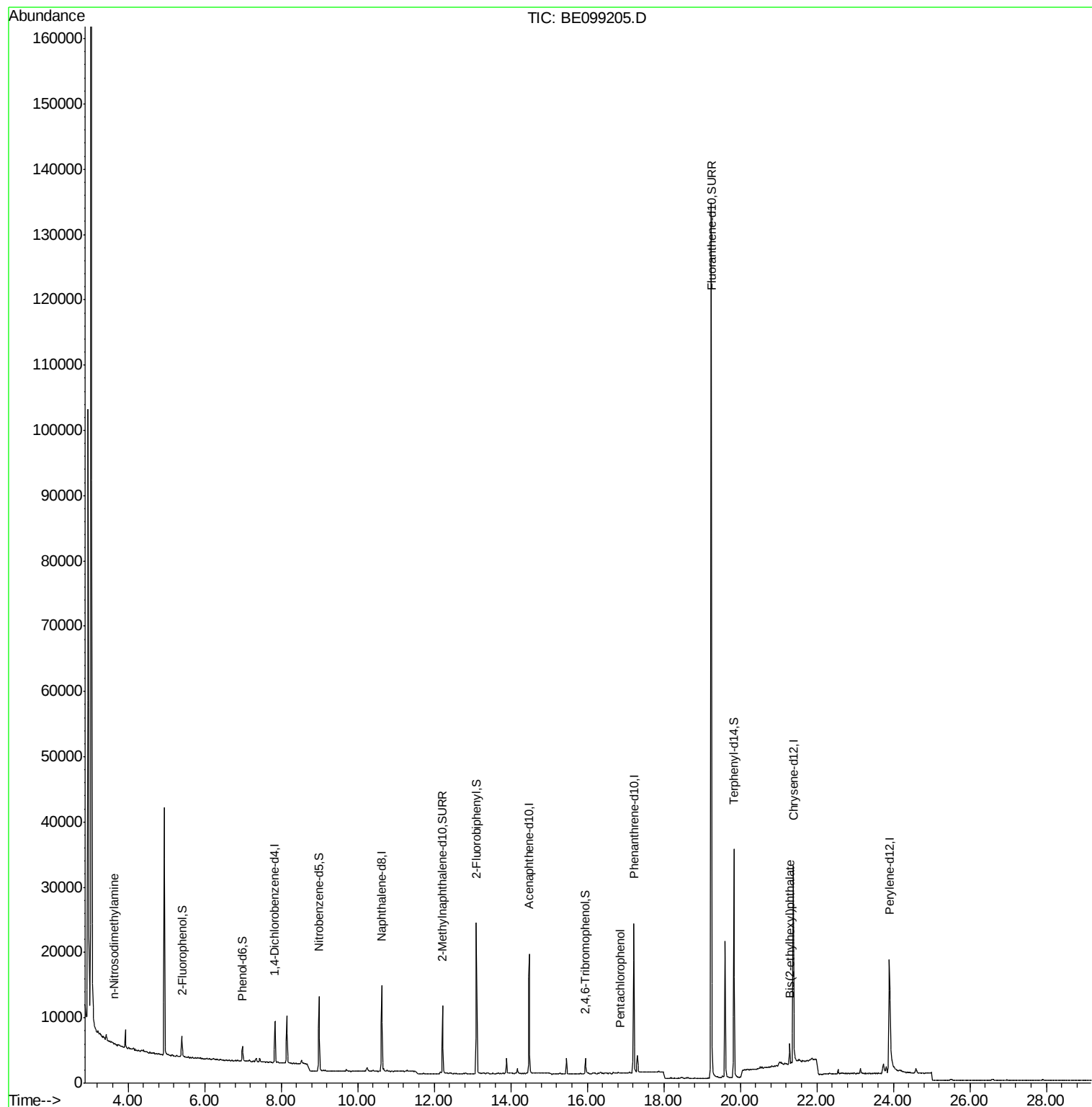
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3613	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15768	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	12498	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	34083	0.40	ng	0.00
27) Chrysene-d12	21.39	240	39166	0.40	ng	0.00
34) Perylene-d12	23.90	264	34827	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2012	0.19	ng	0.00
5) Phenol-d6	6.99	99	2490	0.15	ng	0.00
8) Nitrobenzene-d5	8.99	82	4955	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	12659	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1505	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20812	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	181391	0.44	ng	0.00
29) Terphenyl-d14	19.83	244	30430	0.36	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.63	42	129	0.048	ng	# 1
22) Pentachlorophenol	16.87	266	75	0.263	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.29	149	4167	0.027	ng	# 98

(#) = 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: BE099205.D

Acq: 26 Mar 2019 8:01

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BNA_E

ClientSampleId :

P020-TW001-01

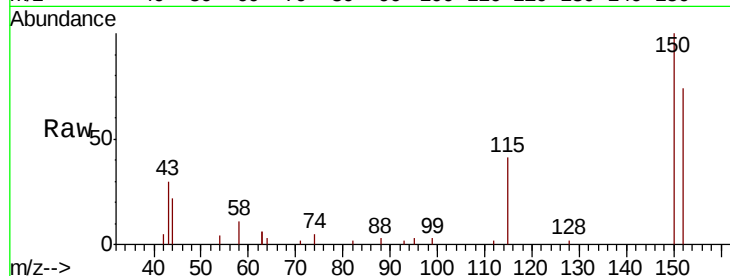
Tot Ion:152 Resp: 3613

Ion Ratio Lower Upper

152 100

150 135.9 112.8 169.2

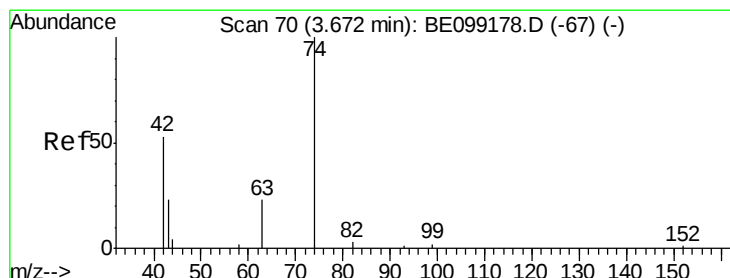
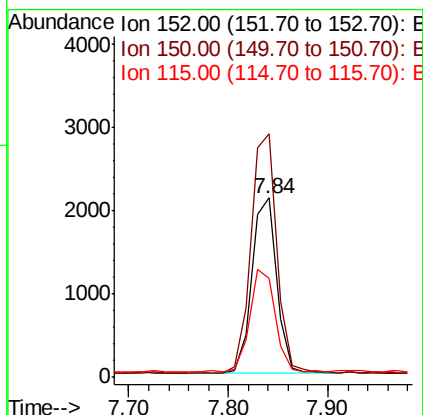
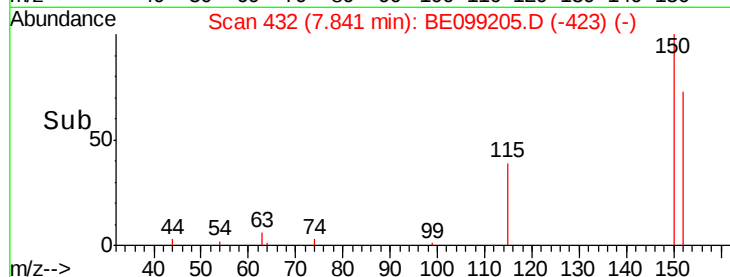
115 55.3 45.1 67.7



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: 0.048 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.05 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

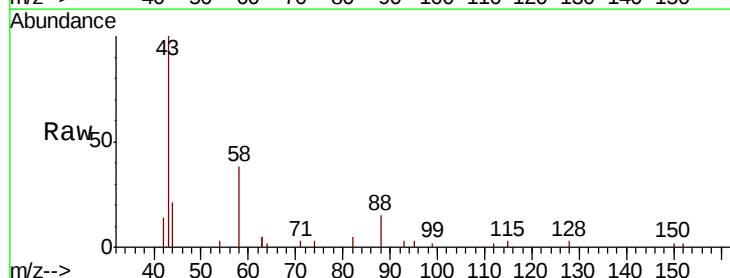
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

42 100

74 0.0 138.6 207.8#

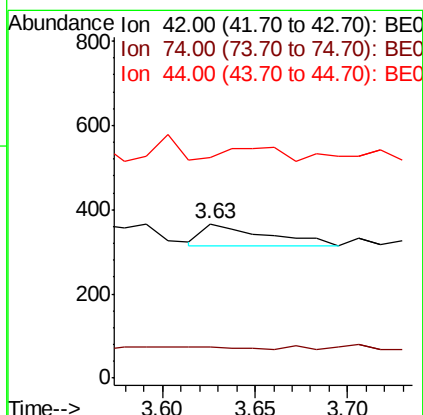
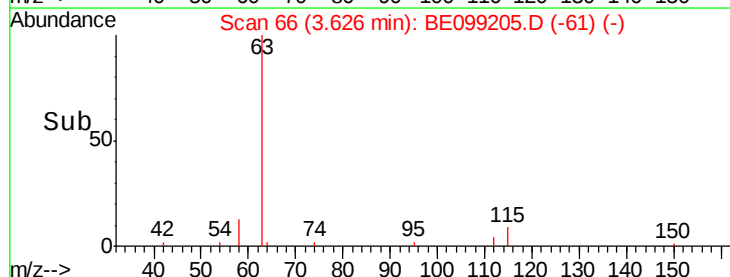
44 0.0 15.0 22.6#

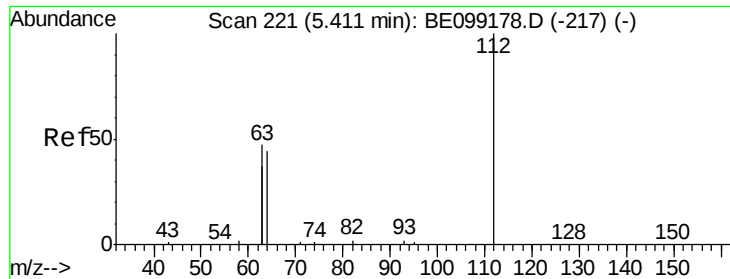


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.187 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

Instrument :

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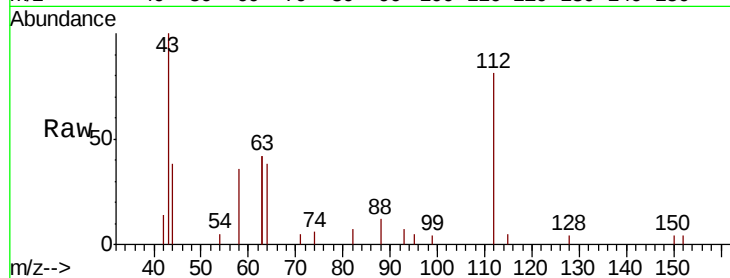
Tot Ion:112 Resp: 2012

Ion Ratio Lower Upper

112 100

64 53.5 46.2 69.2

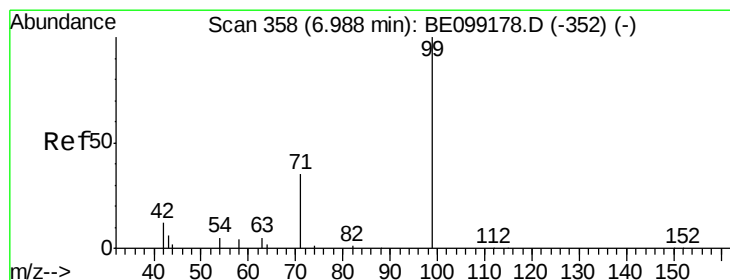
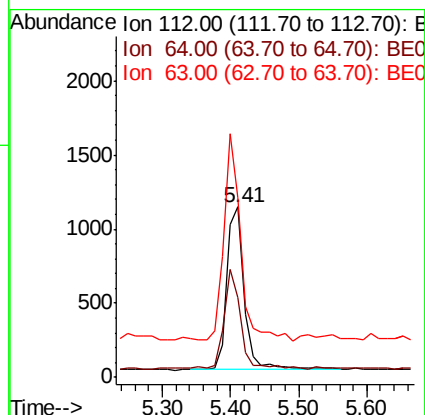
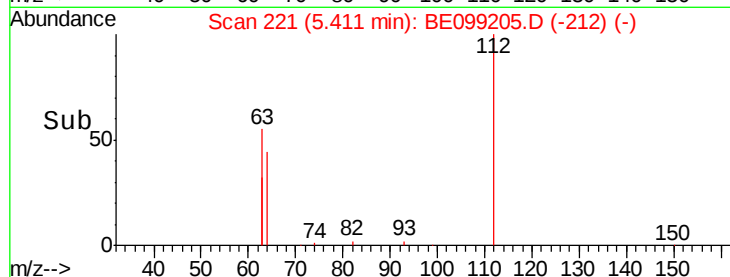
63 121.2 89.9 134.9



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: 0.151 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

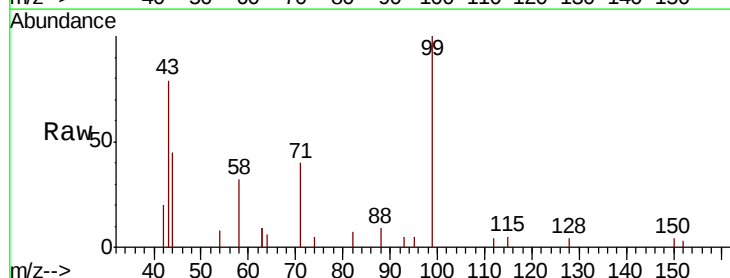
Tgt Ion: 99 Resp: 2490

Ion Ratio Lower Upper

99 100

42 17.0 12.4 18.6

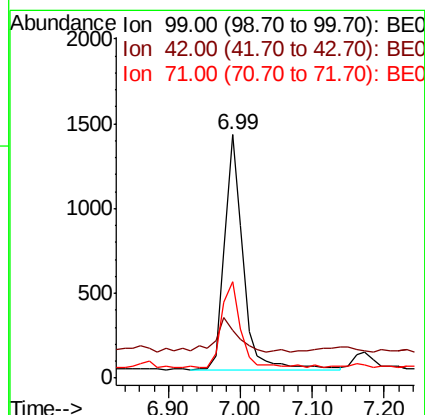
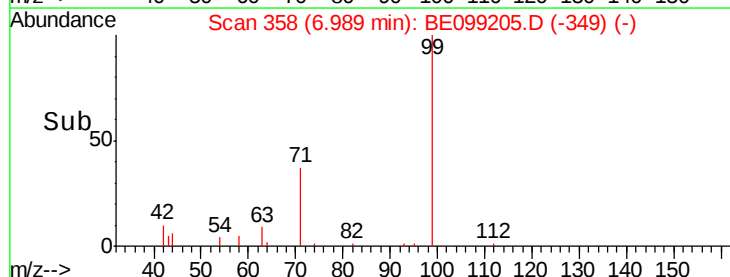
71 39.2 28.4 42.6

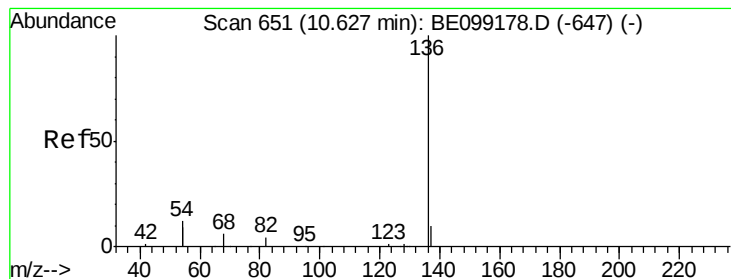


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. 0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

Instrument :

BNA_E

ClientSampleId :

P020-TW001-01

Tot Ion:136 Resp: 15768

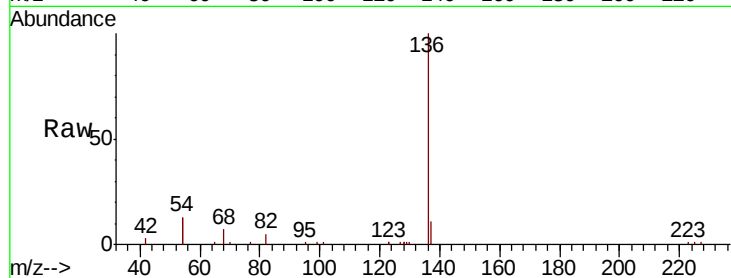
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 26.2 18.7 28.1

68 7.2 5.2 7.8

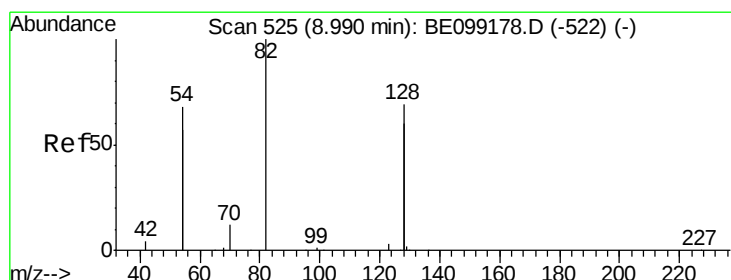
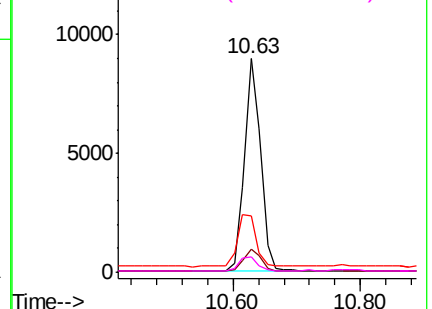
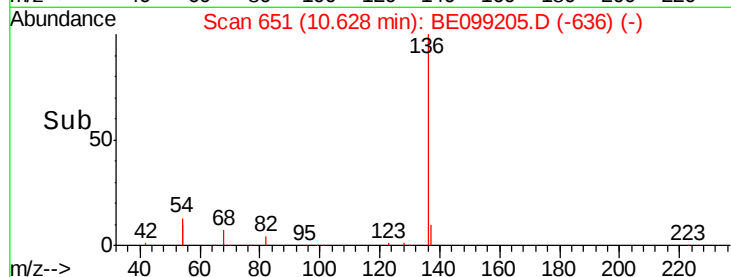


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.385 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

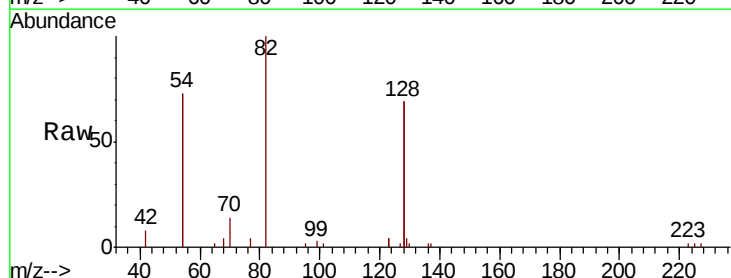
Tgt Ion: 82 Resp: 4955

Ion Ratio Lower Upper

82 100

128 138.8 107.5 161.3

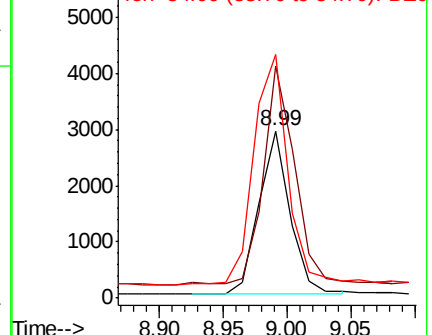
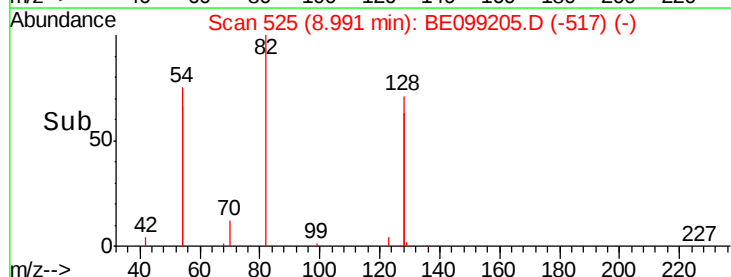
54 145.7 106.3 159.5

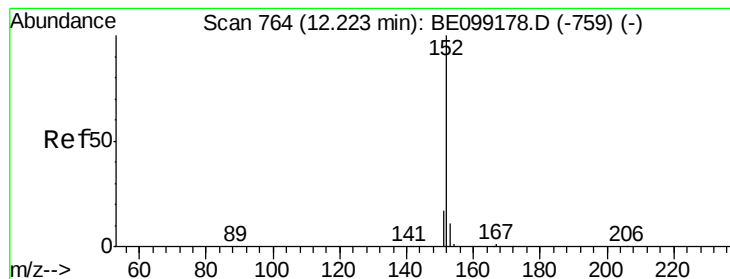


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

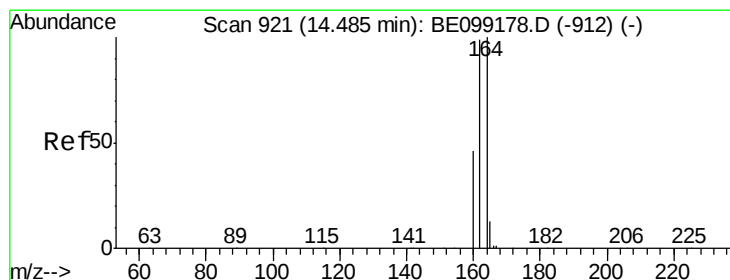
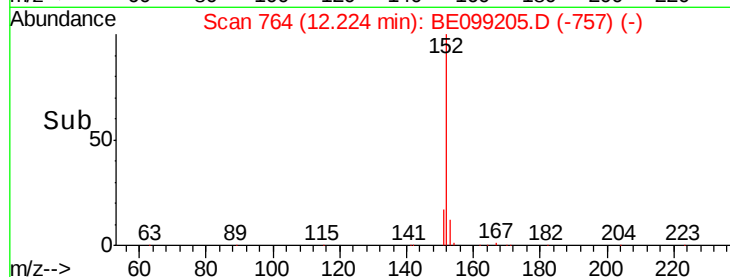
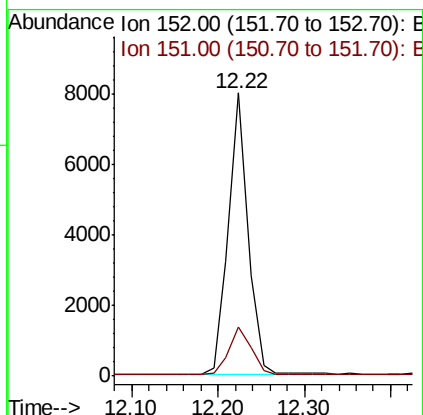
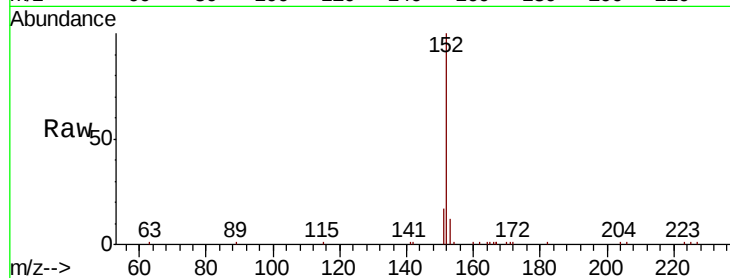




#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099205.D
 Acq: 26 Mar 2019 8:01

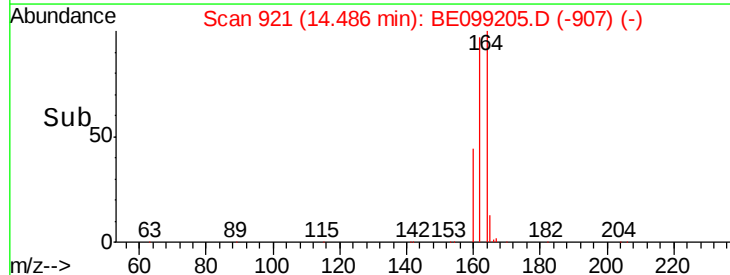
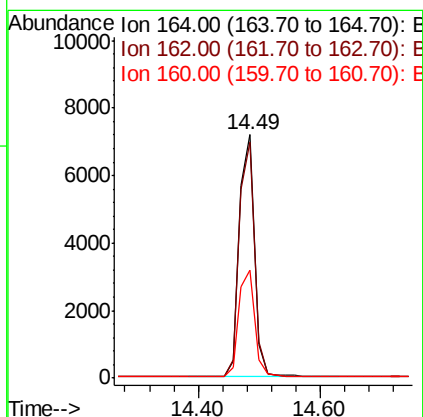
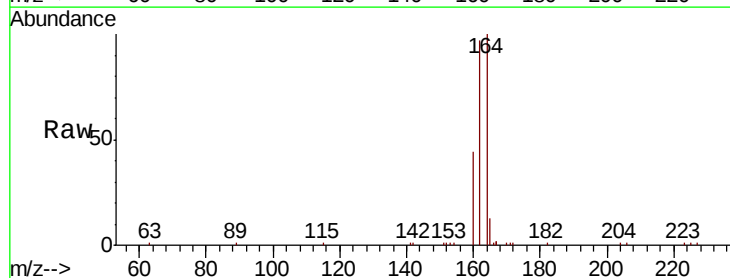
Instrument :
 BNA_E
 ClientSampleId :
 P020-TW001-01

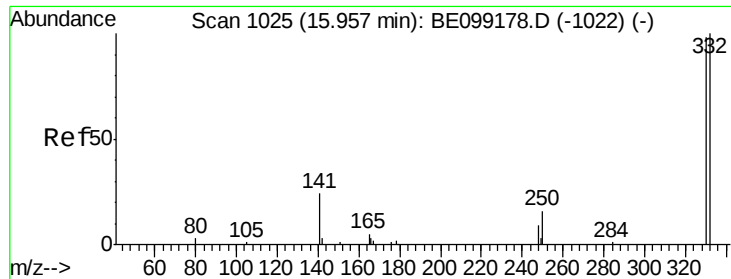
Tot Ion:152 Resp: 12659
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099205.D
 Acq: 26 Mar 2019 8:01

Tgt Ion:164 Resp: 12498
 Ion Ratio Lower Upper
 164 100
 162 96.7 79.2 118.8
 160 44.2 36.7 55.1

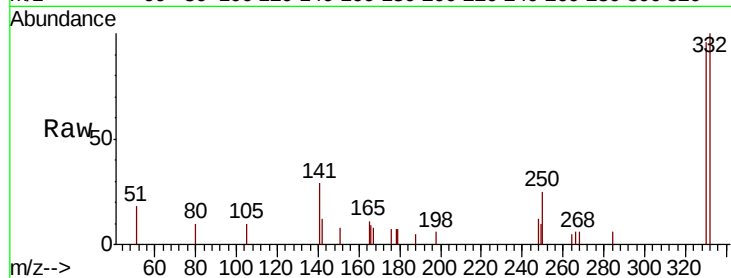




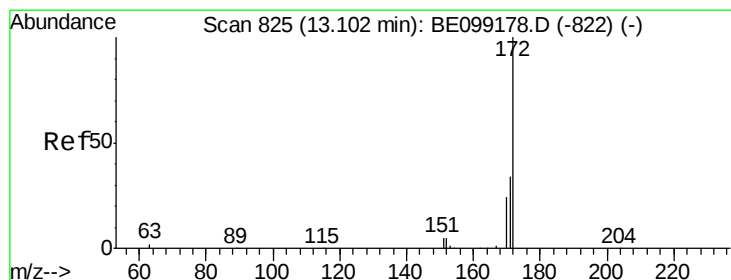
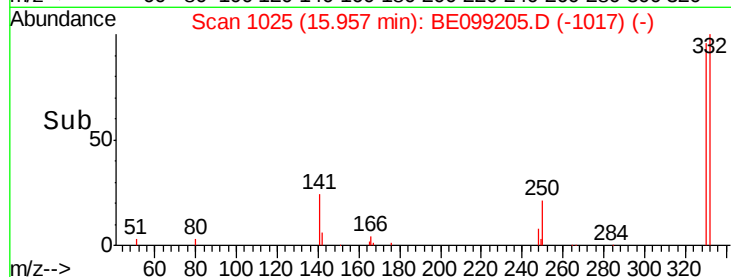
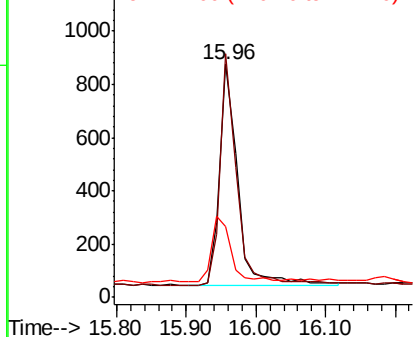
#14
 2,4,6-Tribromophenol
 Concen: 0.441 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099205.D
 Acq: 26 Mar 2019 8:01

Instrument :
 BNA_E
 ClientSampleId :
 P020-TW001-01

Tot Ion:330 Resp: 1505
 Ion Ratio Lower Upper
 330 100
 332 99.7 71.3 106.9
 141 30.8 21.7 32.5

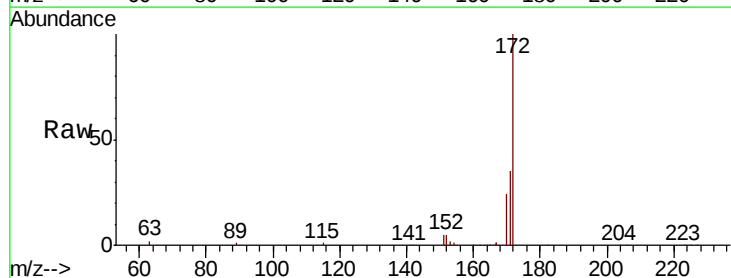


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

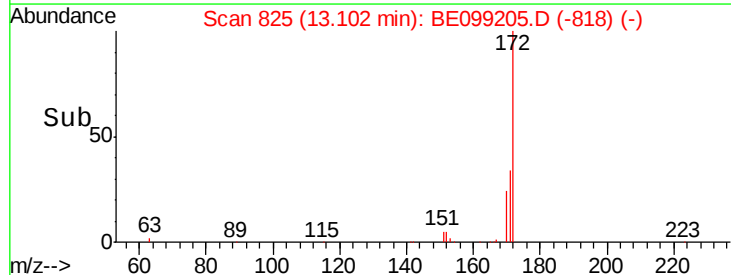
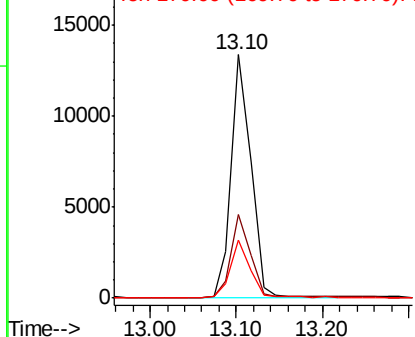


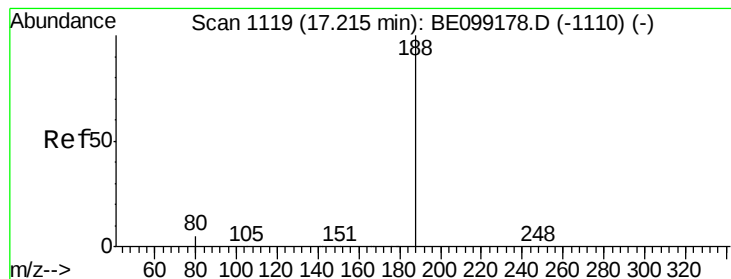
#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099205.D
 Acq: 26 Mar 2019 8:01

Tgt Ion:172 Resp: 20812
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.4 41.0
 170 23.9 19.1 28.7



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

Instrument :

BNA_E

ClientSampleId :

P020-TW001-01

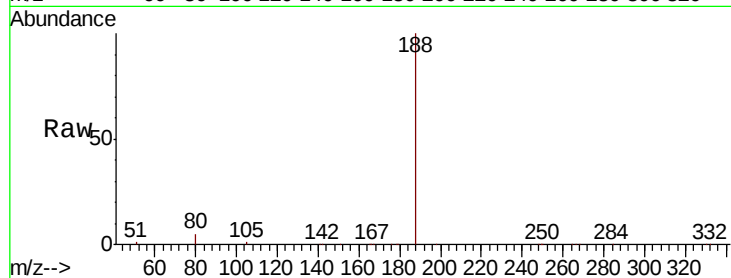
Tot Ion:188 Resp: 34083

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

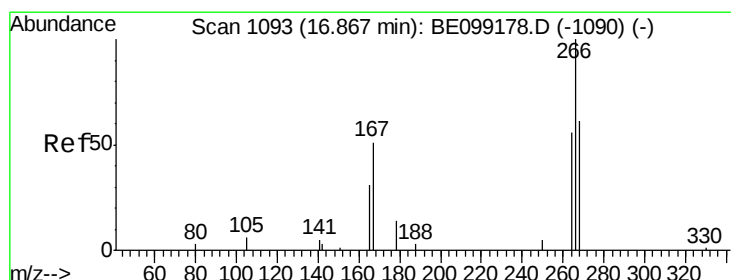
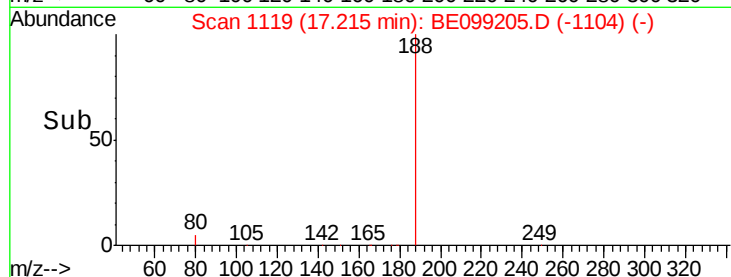
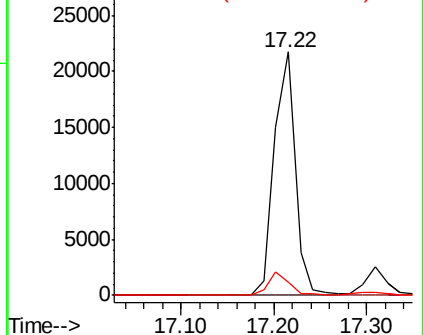
80 5.3 4.5 6.7



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: 0.263 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

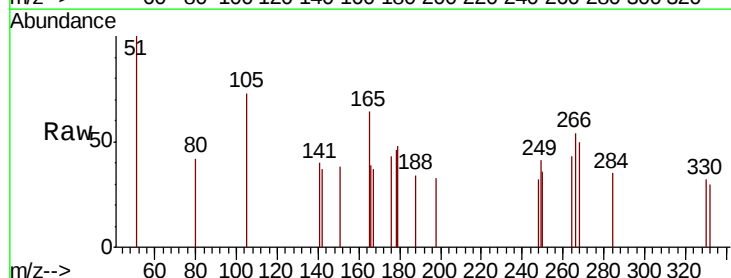
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

264 78.8 54.4 81.6

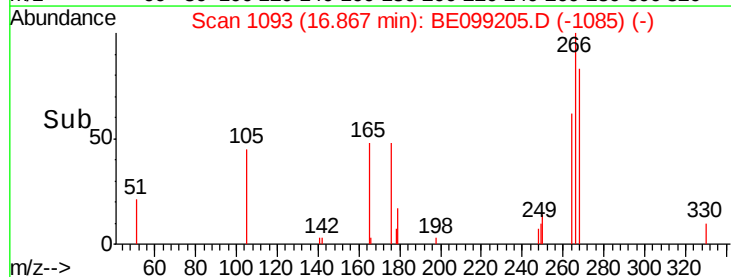
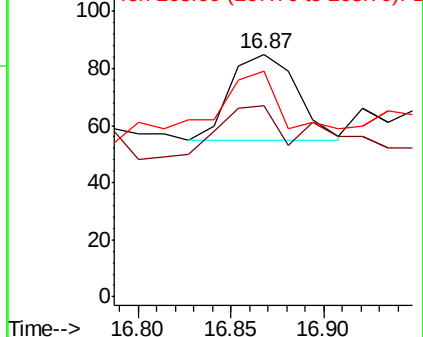
268 92.9 61.3 91.9#

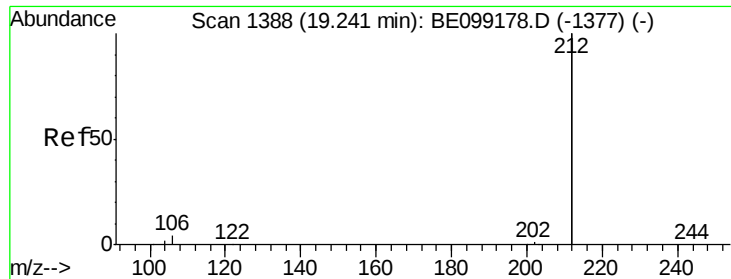


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.439 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099205.D

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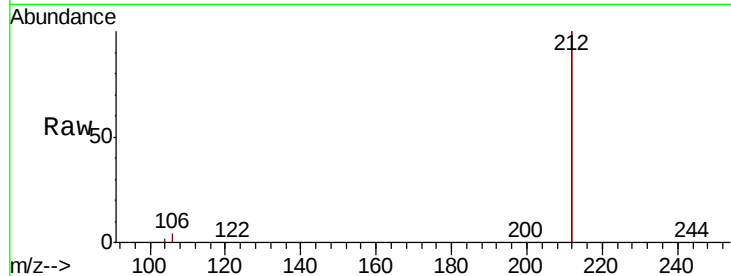
Tot Ion:212 Resp: 181391

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

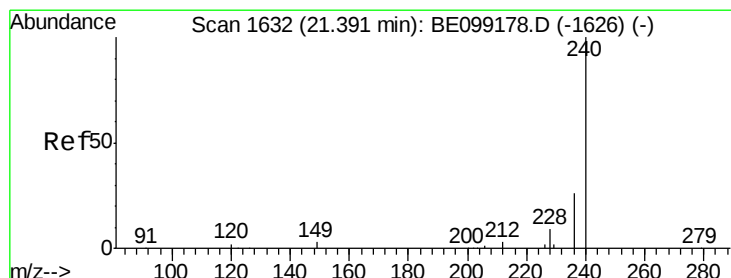
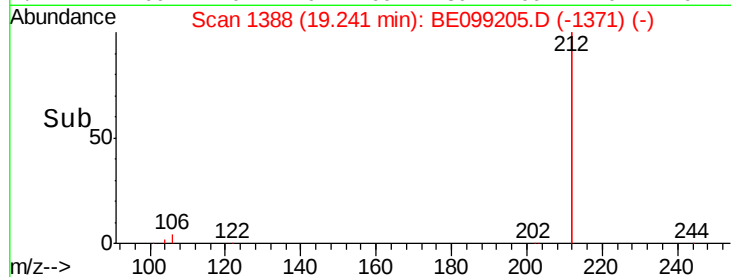
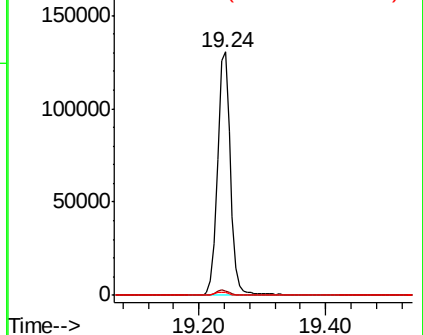
104 1.3 1.1 1.7



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: BE099205.D

Acq: 26 Mar 2019 8:01

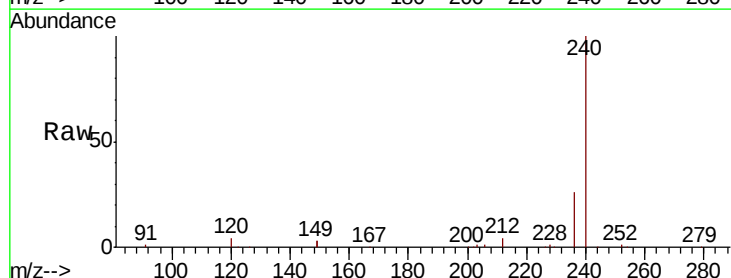
Tgt Ion:240 Resp: 39166

Ion Ratio Lower Upper

240 100

120 3.7 2.6 3.8

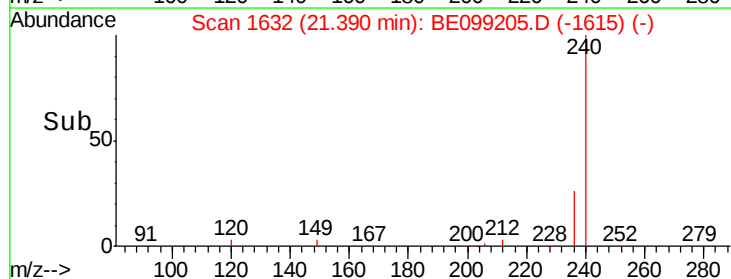
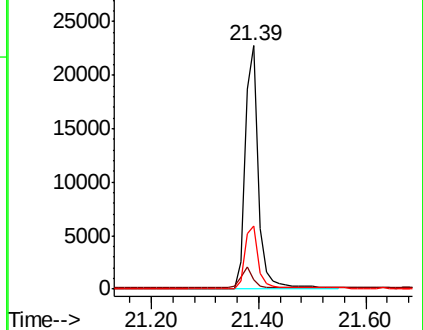
236 26.2 20.9 31.3

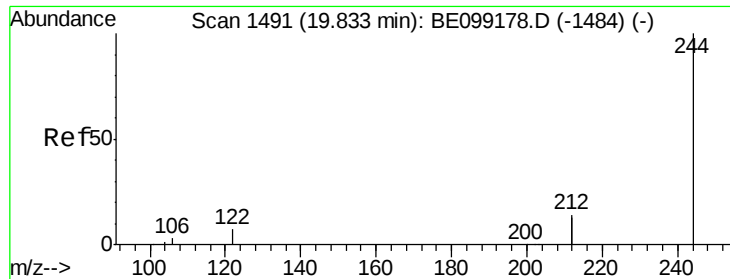


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.357 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

Instrument :

BNA_E

ClientSampleId :

P020-TW001-01

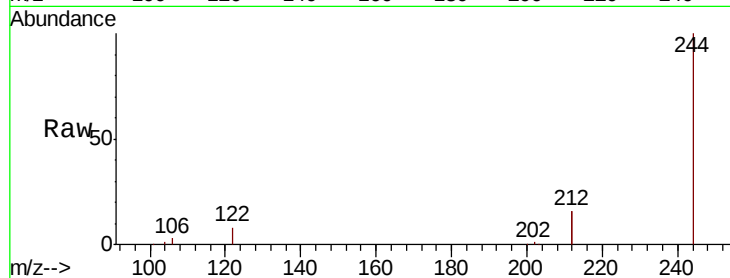
Tot Ion:244 Resp: 30430

Ion Ratio Lower Upper

244 100

212 31.0 22.7 34.1

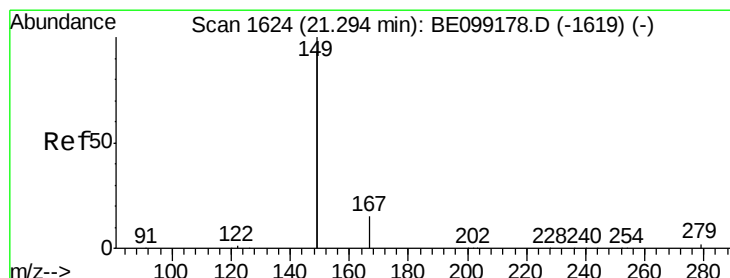
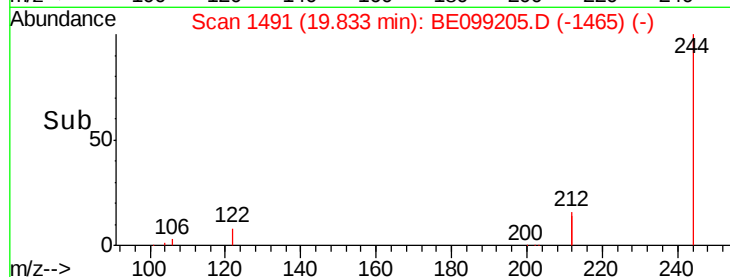
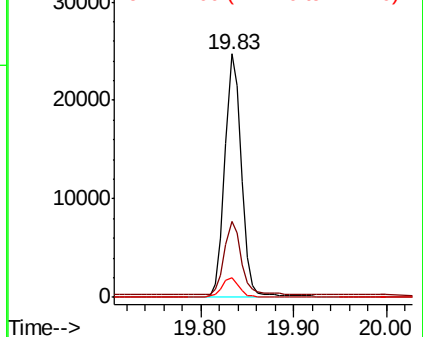
122 8.0 5.8 8.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099205.D

Acq: 26 Mar 2019 8:01

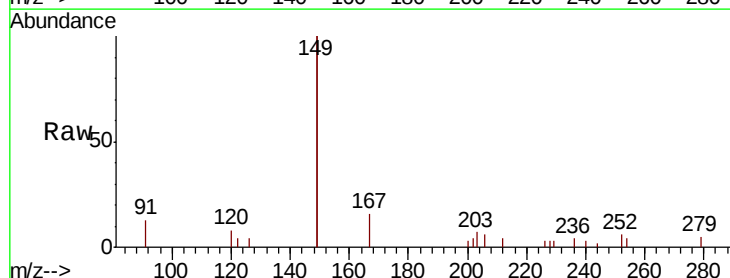
Tgt Ion:149 Resp: 4167

Ion Ratio Lower Upper

149 100

167 8.2 5.9 8.9

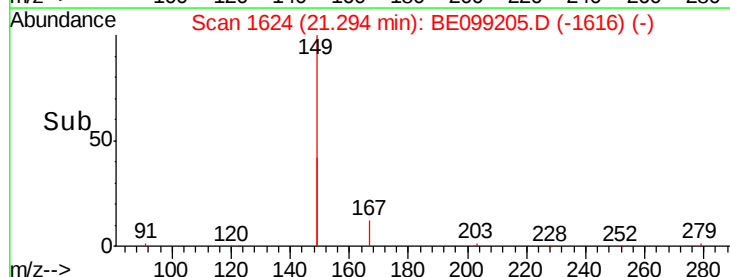
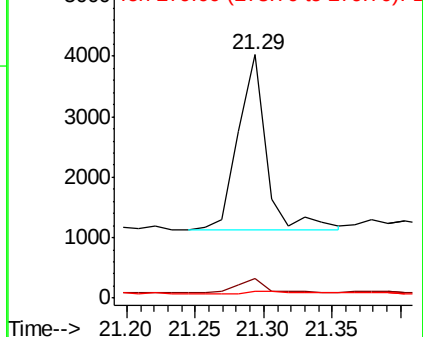
279 1.8 1.0 1.6#

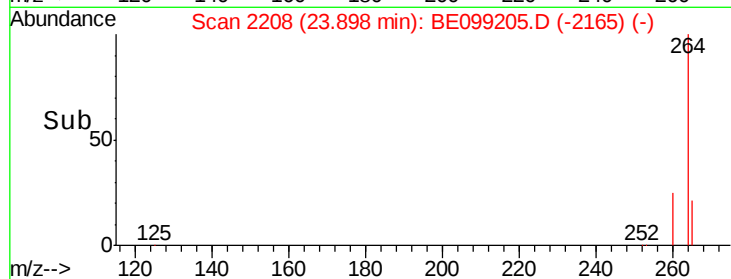
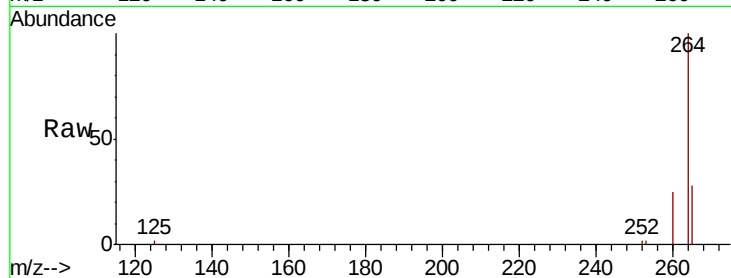
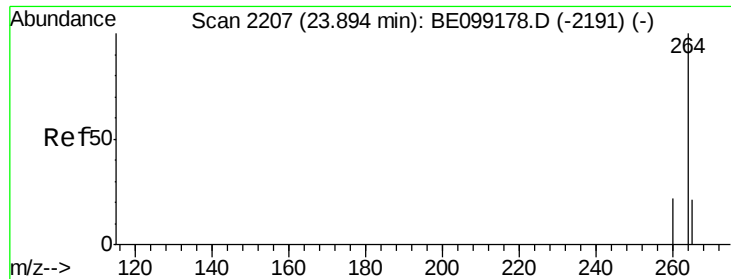


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE099205.D
Acq: 26 Mar 2019 8:01

Instrument :
BNA_E
ClientSampleId :
P020-TW001-01

Tot Ion: 264 Resp: 34827

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.2
265	27.7	21.8	32.8

