

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
 Data File : BE099052.D
 Acq On : 20 Mar 2019 2:06
 Operator : JU/SJ
 Sample : K1965-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20190315

Quant Time: Mar 20 05:47:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 15 05:31:33 2019

Response via : Initial Calibration

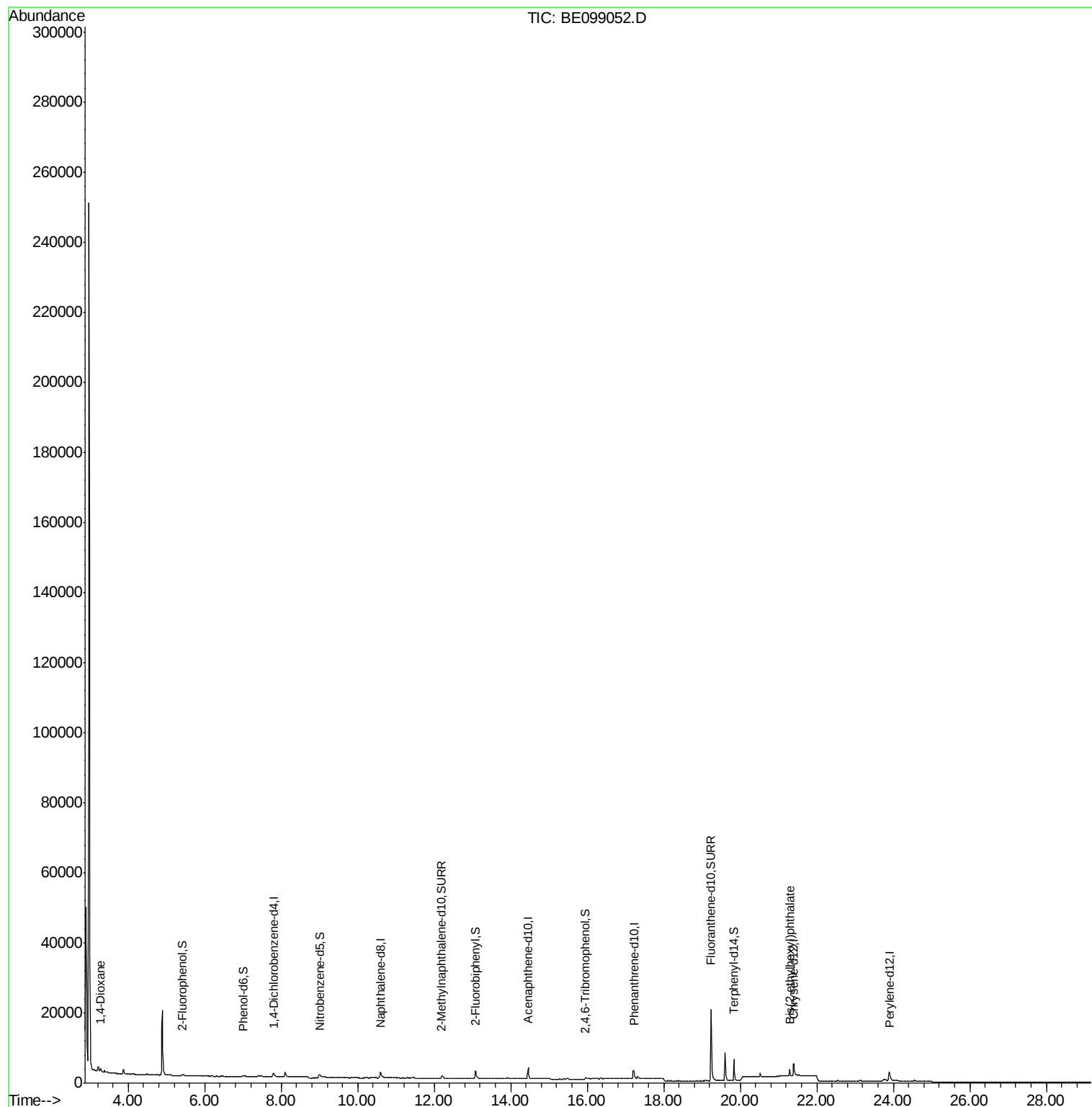
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	744	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3161	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2241	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5122	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6101	0.40	ng	0.00
34) Perylene-d12	23.89	264	5349	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	352	0.16	ng	0.02
5) Phenol-d6	7.00	99	283	0.09	ng	0.01
8) Nitrobenzene-d5	9.00	82	1331	0.40	ng	0.04
11) 2-Methylnaphthalene-d10	12.20	152	2437	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	468	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4129	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	34470	0.42	ng	-0.01
29) Terphenyl-d14	19.83	244	6536	0.44	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	527	0.356	ng	Qvalue # 60
32) Bis(2-ethylhexyl)phthalate	21.29	149	2439	0.060	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE099052.D

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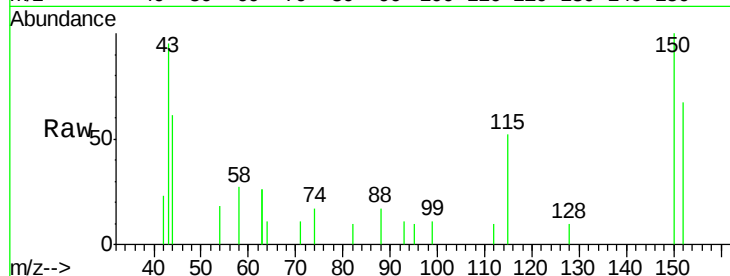
Tgt Ion:152 Resp: 744

Ion Ratio Lower Upper

152 100

150 148.7 122.5 183.7

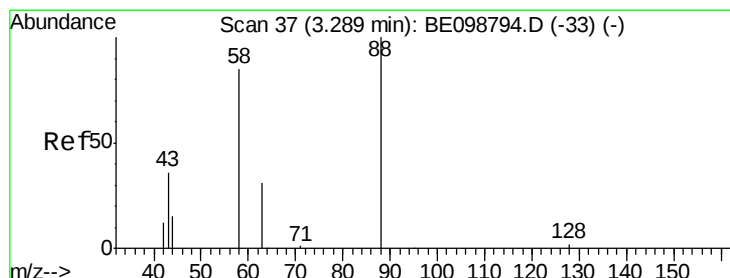
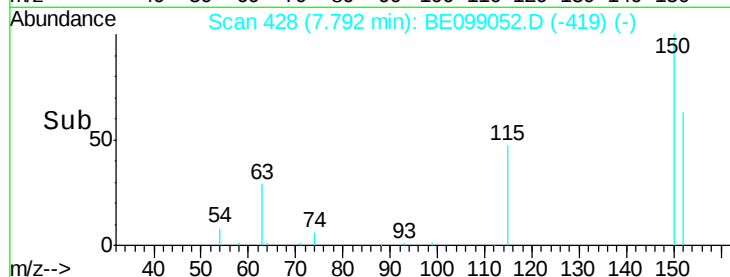
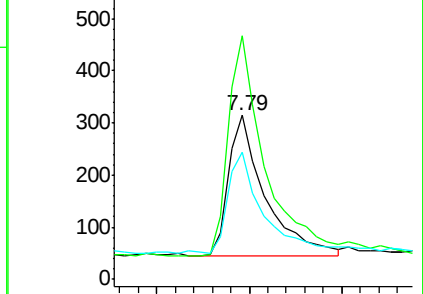
115 78.0 57.4 86.2



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



#2

1,4-Dioxane

Concen: 0.356 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

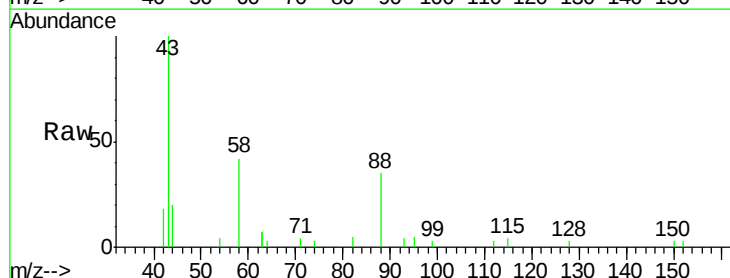
Tgt Ion: 88 Resp: 527

Ion Ratio Lower Upper

88 100

58 110.4 75.8 113.6

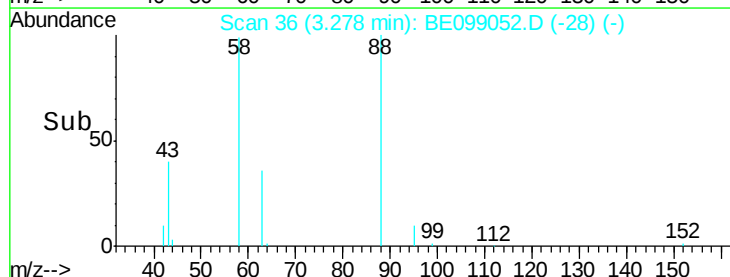
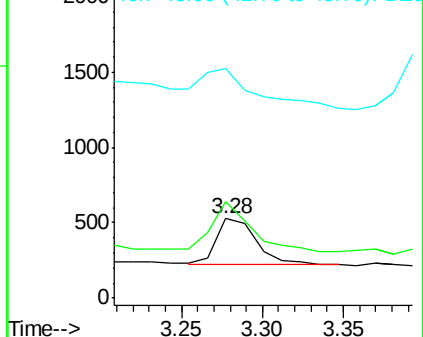
43 111.8 41.8 62.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

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BP-DUP05-20190315

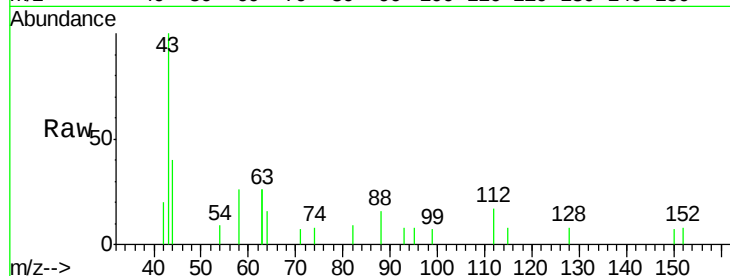
Tgt Ion: 112 Resp: 352

Ion Ratio Lower Upper

112 100

64 76.1 57.9 86.9

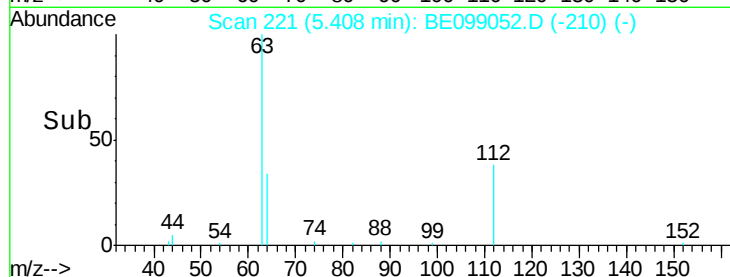
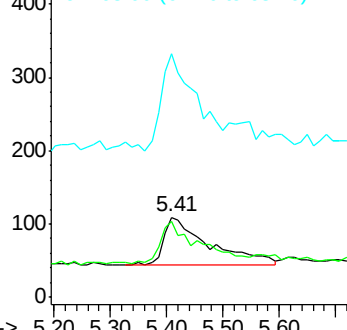
63 163.6 158.3 237.5



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: 0.090 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

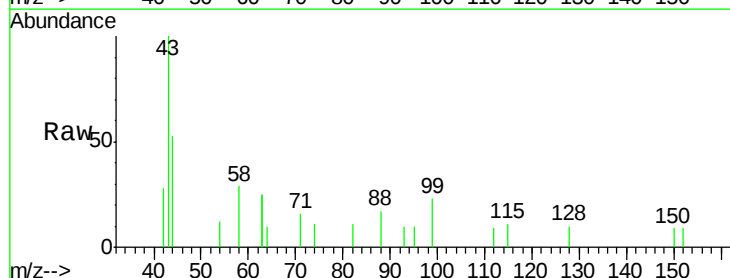
Tgt Ion: 99 Resp: 283

Ion Ratio Lower Upper

99 100

42 42.4 24.2 36.2#

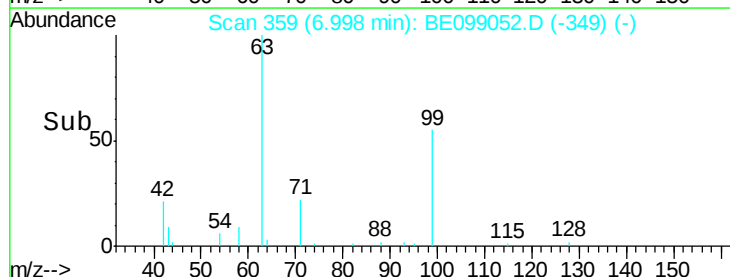
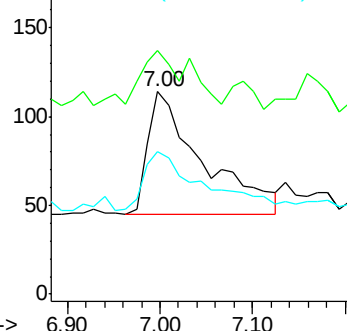
71 54.8 35.7 53.5#



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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190315

Tgt Ion: 136 Resp: 3161

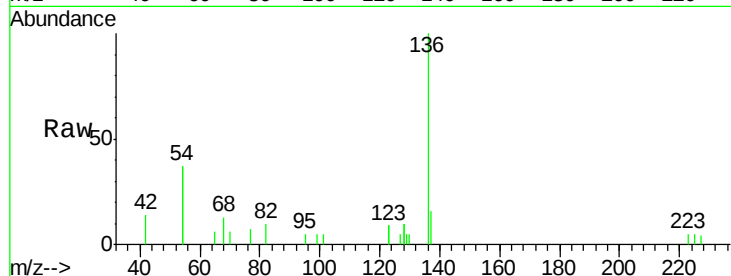
Ion Ratio Lower Upper

136 100

137 15.8 11.4 17.0

54 73.1 39.3 58.9#

68 12.6 6.7 10.1#

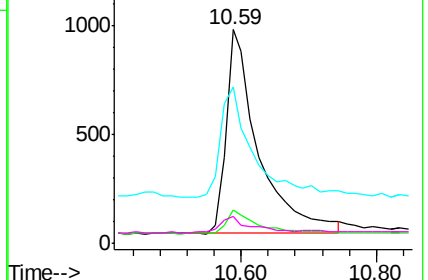
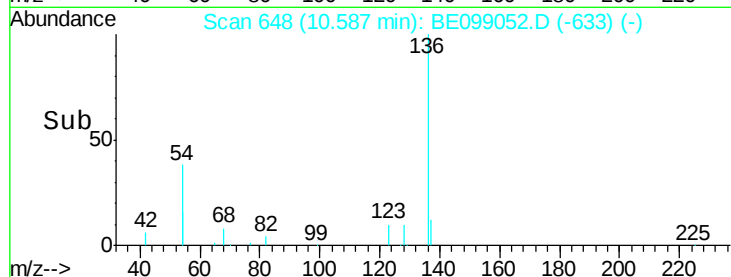


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

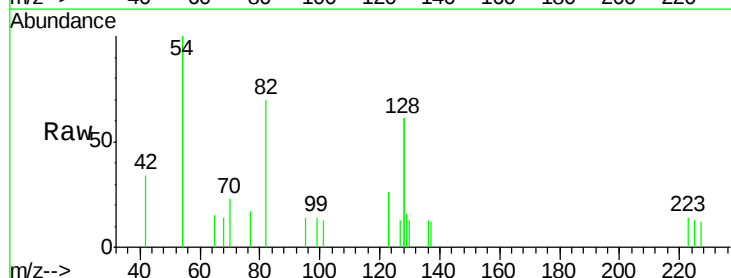
Tgt Ion: 82 Resp: 1331

Ion Ratio Lower Upper

82 100

128 174.0 123.8 185.8

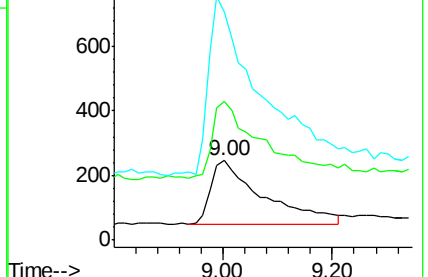
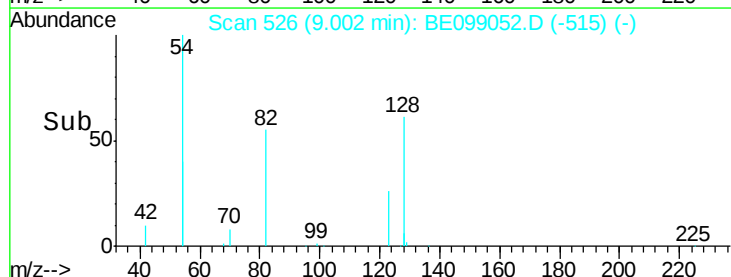
54 287.0 203.4 305.2



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: 0.417 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

Instrument :

BNA_E

ClientSampleId :

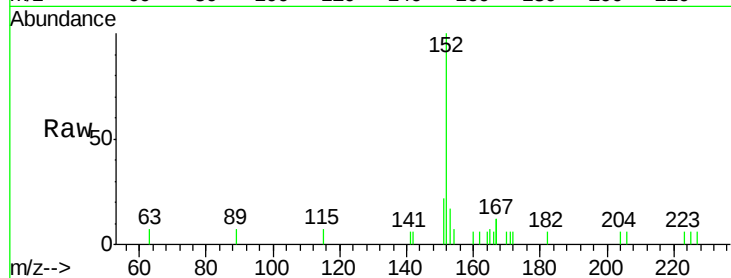
BP-DUP05-20190315

Tgt Ion:152 Resp: 2437

Ion Ratio Lower Upper

152 100

151 18.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.20

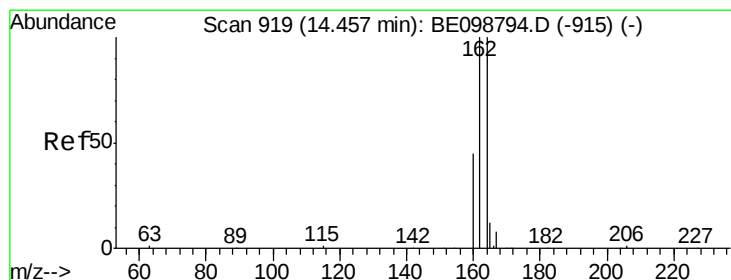
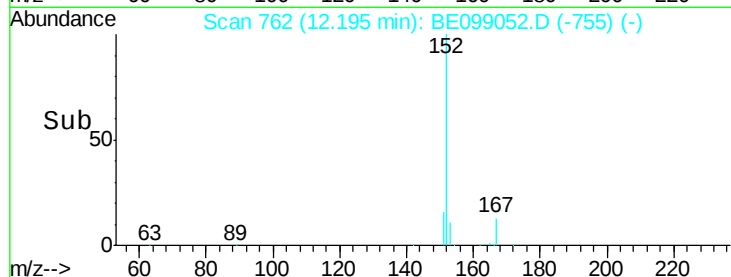
600

400

200

0

Time--> 12.00 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

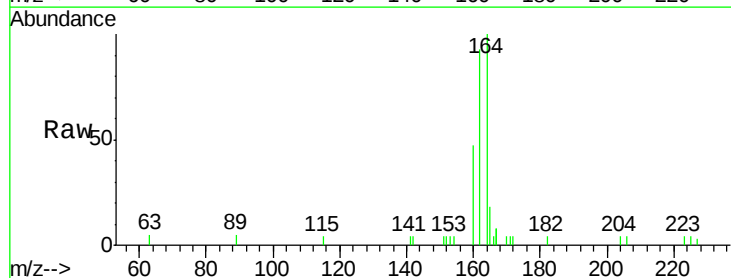
Tgt Ion:164 Resp: 2241

Ion Ratio Lower Upper

164 100

162 92.6 80.2 120.2

160 47.0 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

14.46

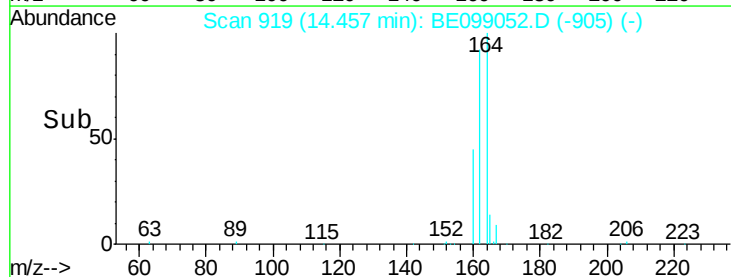
1500

1000

500

0

Time--> 14.40 14.60

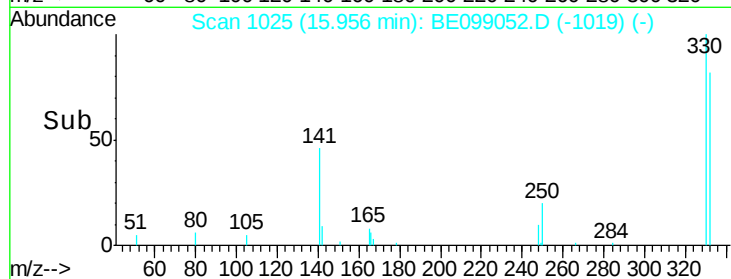
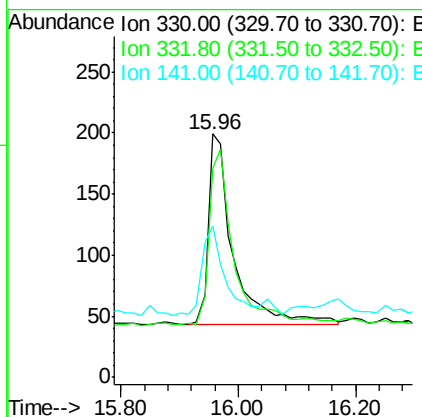
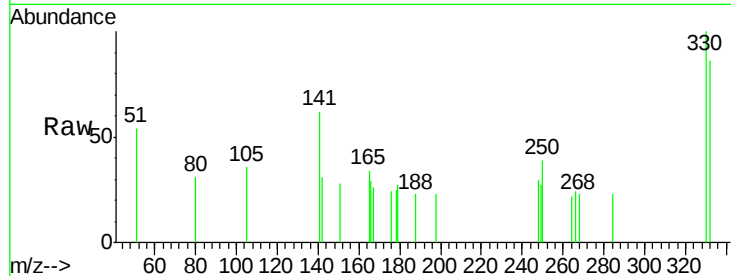




#14
 2,4,6-Tribromophenol
 Concen: 0.414 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099052.D
 Acq: 20 Mar 2019 2:06

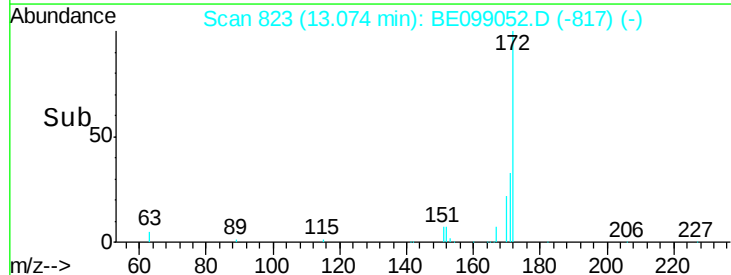
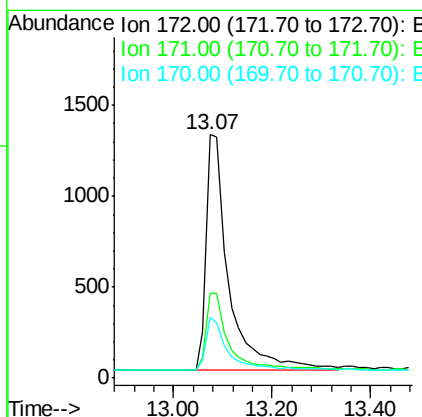
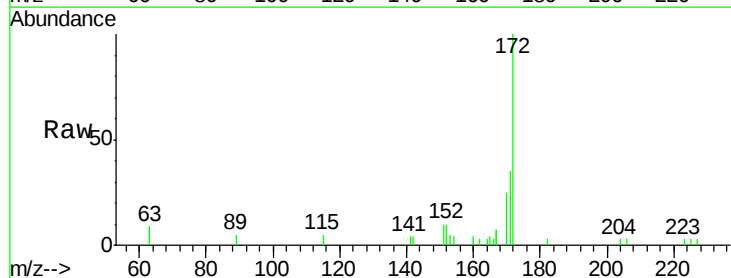
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20190315

Tgt Ion: 330 Resp: 468
 Ion Ratio Lower Upper
 330 100
 332 88.9 77.6 116.4
 141 39.1 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.445 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099052.D
 Acq: 20 Mar 2019 2:06

Tgt Ion: 172 Resp: 4129
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.0 42.0
 170 25.0 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: BE099052.D

Acq: 20 Mar 2019 2:06

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190315

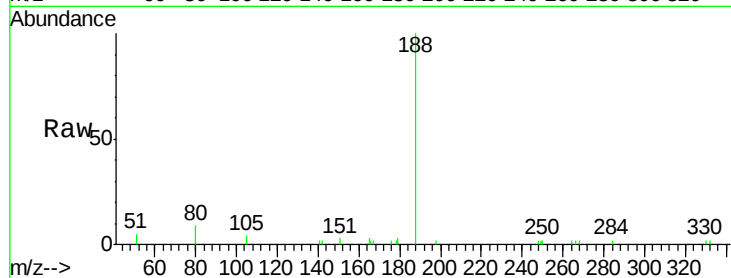
Tgt Ion:188 Resp: 5122

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

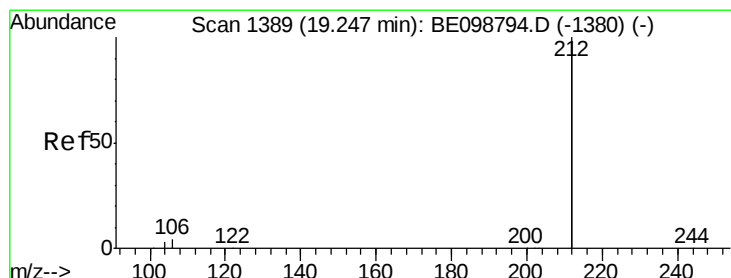
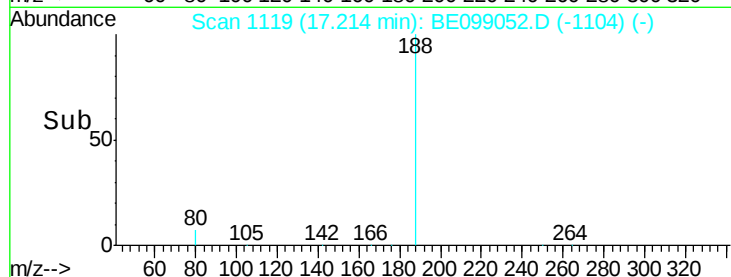
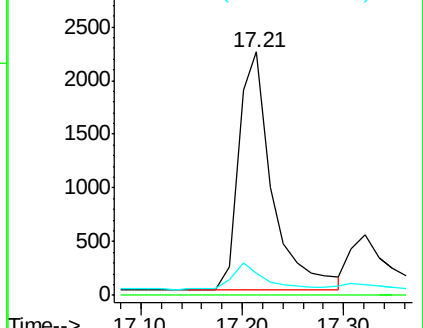
80 9.1 6.3 9.5



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



#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

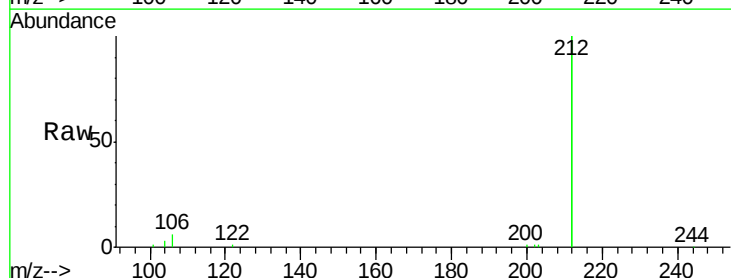
Tgt Ion:212 Resp: 34470

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

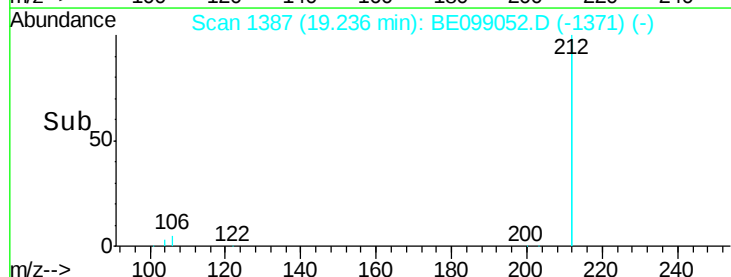
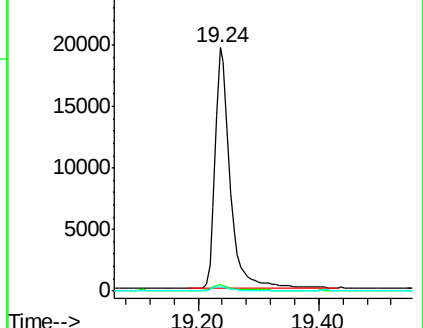
104 1.5 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190315

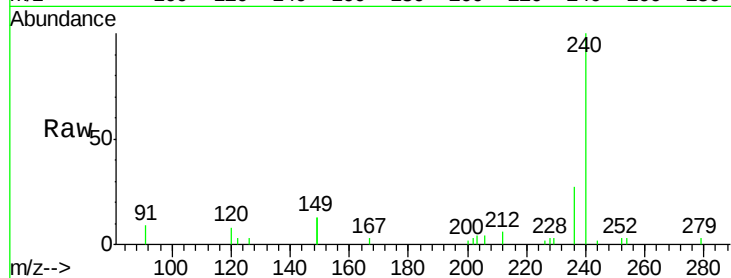
Tgt Ion:240 Resp: 6101

Ion Ratio Lower Upper

240 100

120 8.2 5.0 7.4#

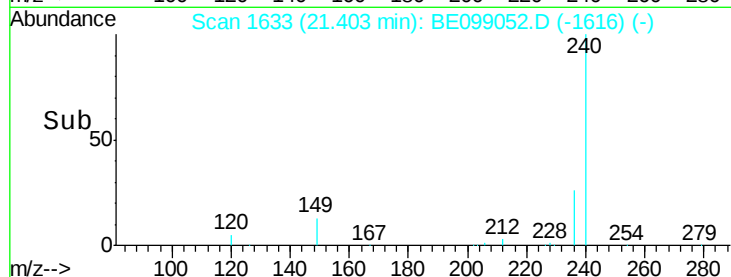
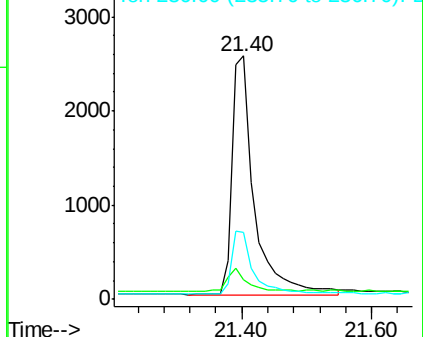
236 27.4 22.7 34.1



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: 0.441 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099052.D

Acq: 20 Mar 2019 2:06

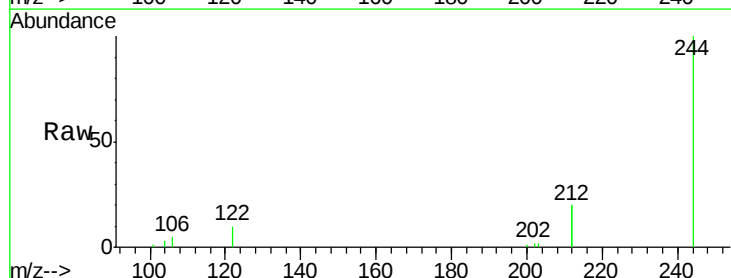
Tgt Ion:244 Resp: 6536

Ion Ratio Lower Upper

244 100

212 40.7 29.4 44.2

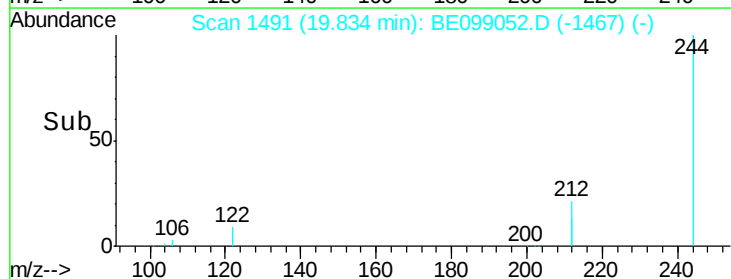
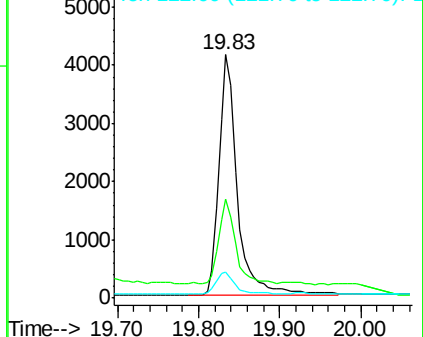
122 10.4 7.1 10.7



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

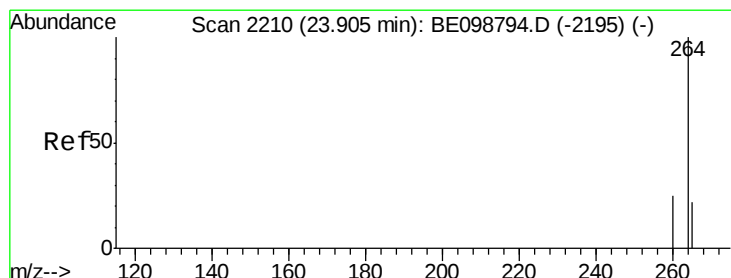
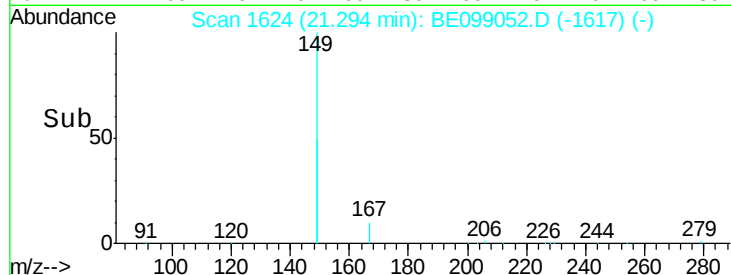
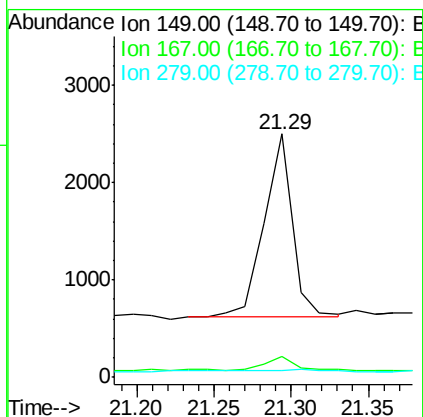
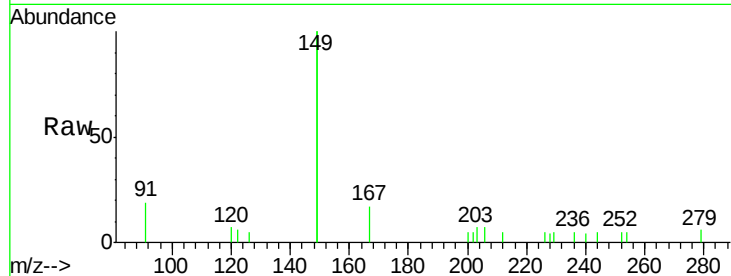




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099052.D
 Acq: 20 Mar 2019 2:06

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20190315

Tgt Ion:149 Resp: 2439
 Ion Ratio Lower Upper
 149 100
 167 7.9 5.4 8.0
 279 1.4 1.0 1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE099052.D
 Acq: 20 Mar 2019 2:06

Tgt Ion:264 Resp: 5349
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.2 31.8
 265 31.4 24.6 36.8

