

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
 Data File : BE099072.D
 Acq On : 20 Mar 2019 17:10
 Operator : JU/SJ
 Sample : K1985-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 20 17:51:44 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

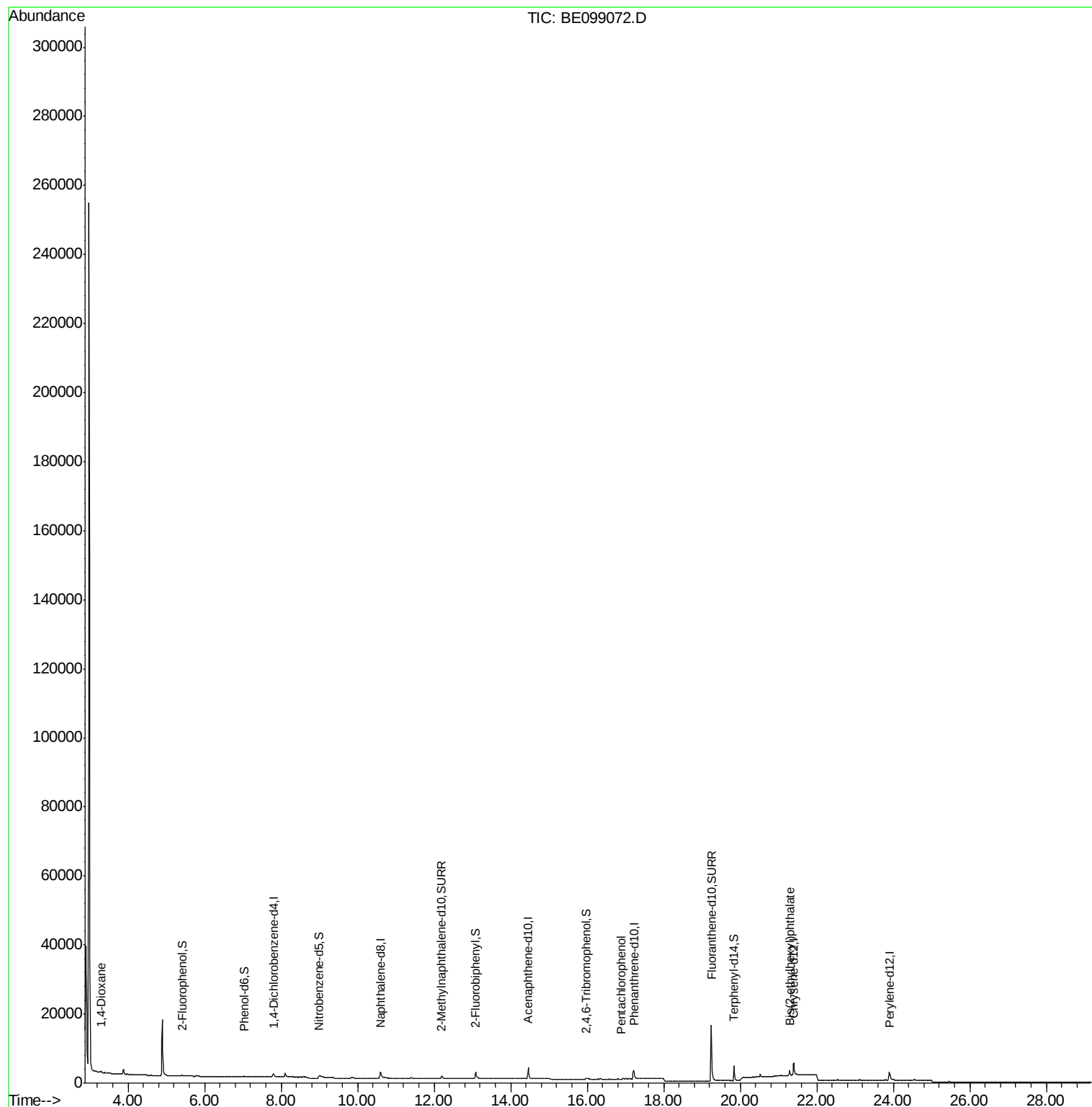
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	802	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3463	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2434	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5707	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6151	0.40	ng	0.00
34) Perylene-d12	23.90	264	5334	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	227	0.09	ng	0.04
5) Phenol-d6	7.02	99	249	0.07	ng	0.04
8) Nitrobenzene-d5	8.99	82	1060	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2174	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	362	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3740	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	28439	0.31	ng	0.00
29) Terphenyl-d14	19.83	244	5263	0.35	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	240	0.090	ng	# 28
22) Pentachlorophenol	16.88	266	6	0.269	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.29	149	1926	0.047	ng	# 99

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

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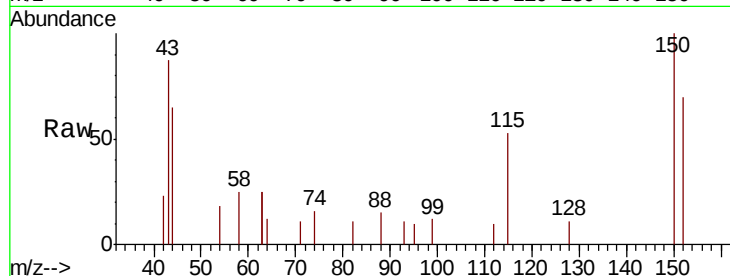


#1

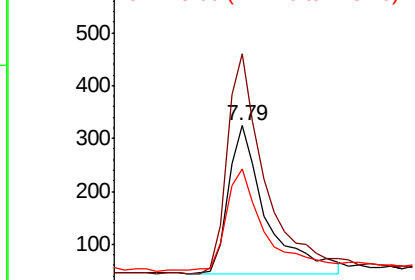
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099072.D
Acq: 20 Mar 2019 17:10

Instrument :
BNA_E
ClientSampleId :

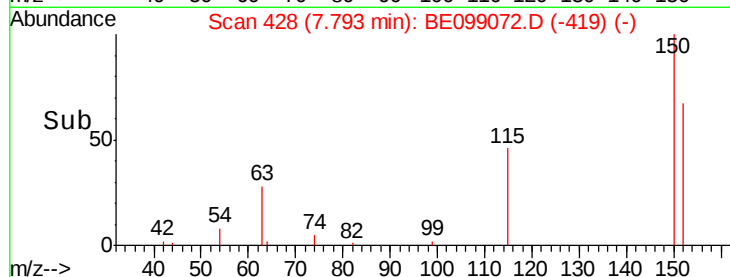
Tot Ion:152 Resp: 802
Ion Ratio Lower Upper
152 100
150 142.0 122.5 183.7
115 74.7 57.4 86.2



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



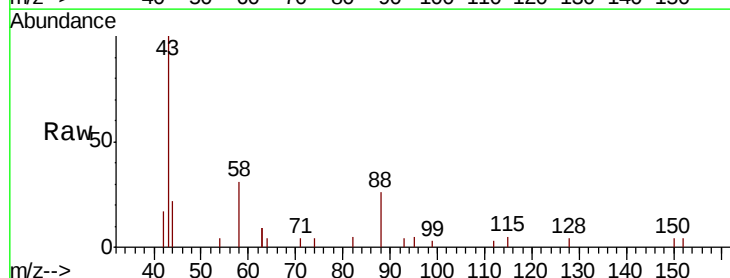
Time-->



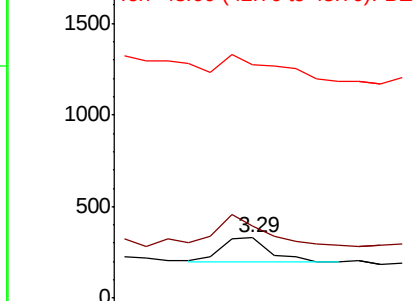
#2

1,4-Dioxane
Concen: 0.090 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099072.D
Acq: 20 Mar 2019 17:10

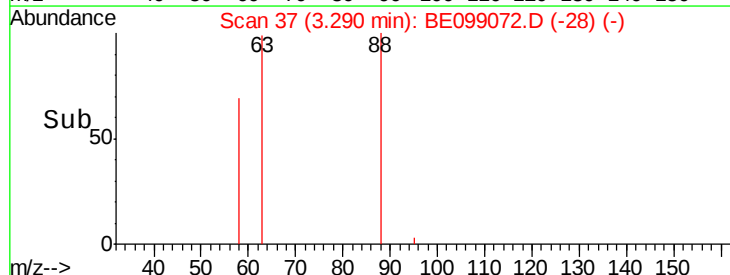
Tgt Ion: 88 Resp: 240
Ion Ratio Lower Upper
88 100
58 152.9 75.8 113.6#
43 117.5 41.8 62.8#



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



Time-->





#4

2-Fluorophenol

Concen: 0.095 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

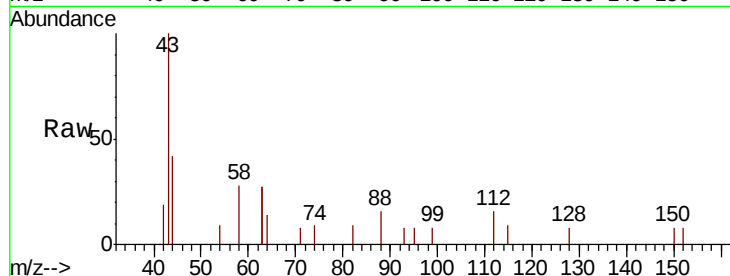
Tot Ion: 112 Resp: 227

Ion Ratio Lower Upper

112 100

64 106.6 57.9 86.9#

63 289.4 158.3 237.5#



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

Time-->

5.30 5.40 5.50

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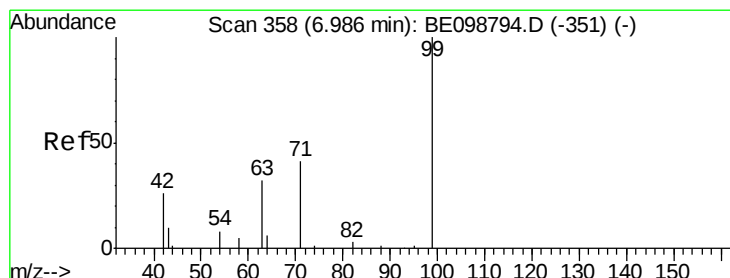
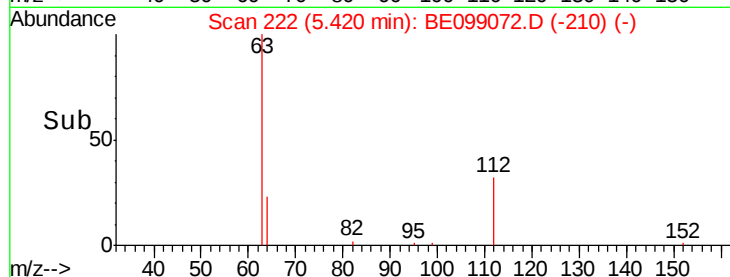
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5.42



#5

Phenol-d6

Concen: 0.074 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

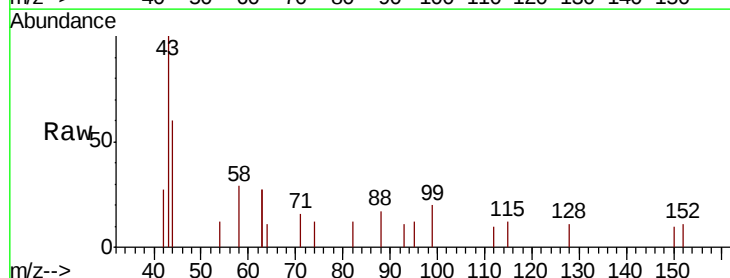
Tgt Ion: 99 Resp: 249

Ion Ratio Lower Upper

99 100

42 37.3 24.2 36.2#

71 34.9 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

Time-->

6.90 7.00 7.10 7.20

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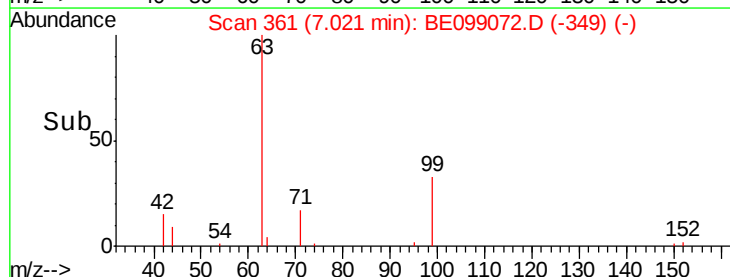
7.02

7.02

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7.02

7.02





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3463

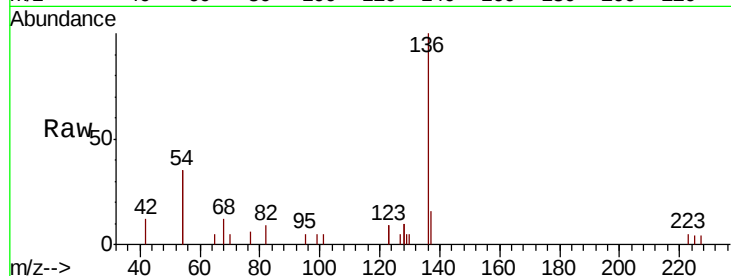
Ion Ratio Lower Upper

136 100

137 15.9 11.4 17.0

54 70.1 39.3 58.9#

68 11.8 6.7 10.1#

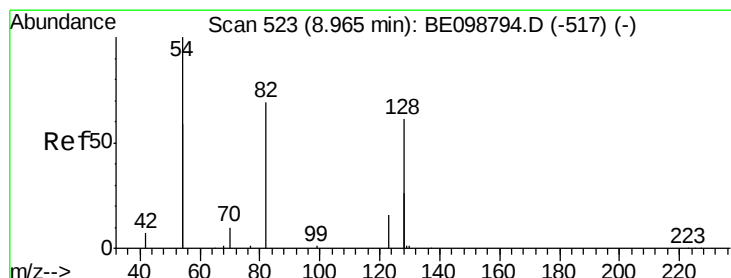
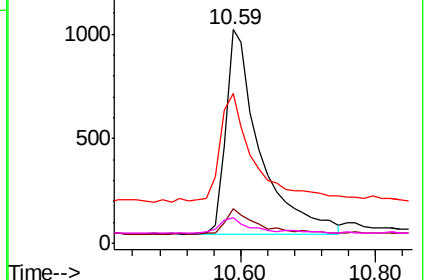
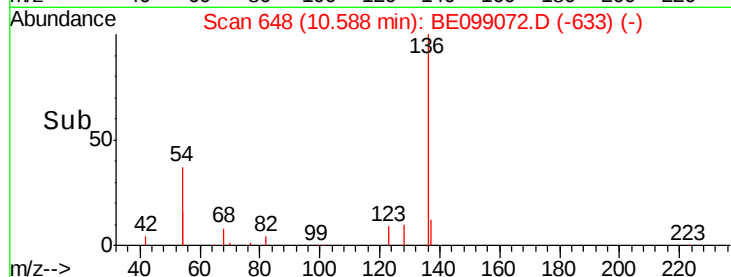


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.292 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

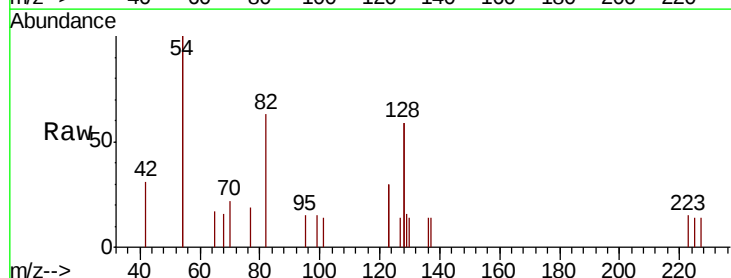
Tgt Ion: 82 Resp: 1060

Ion Ratio Lower Upper

82 100

128 187.9 123.8 185.8#

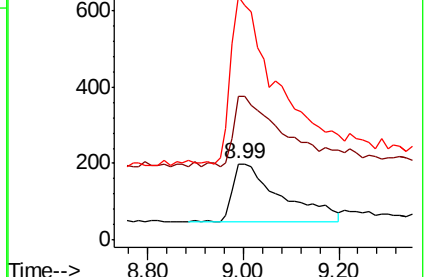
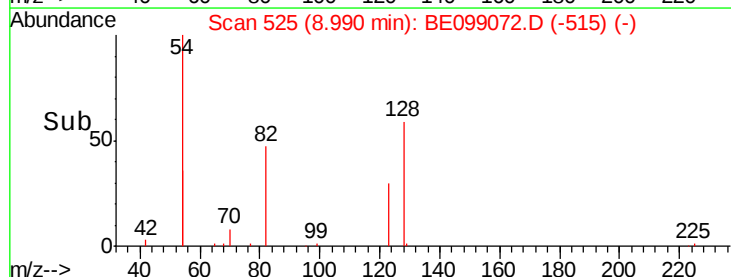
54 319.6 203.4 305.2#



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

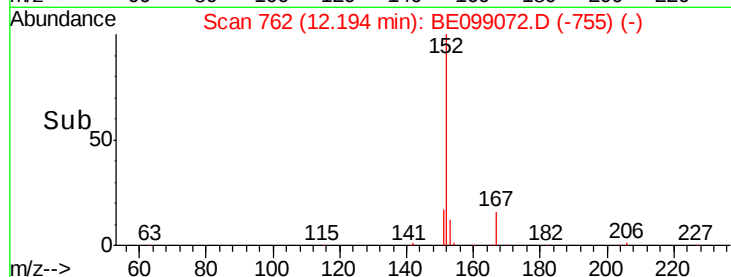
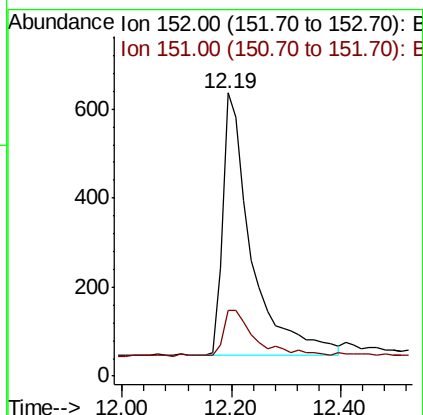
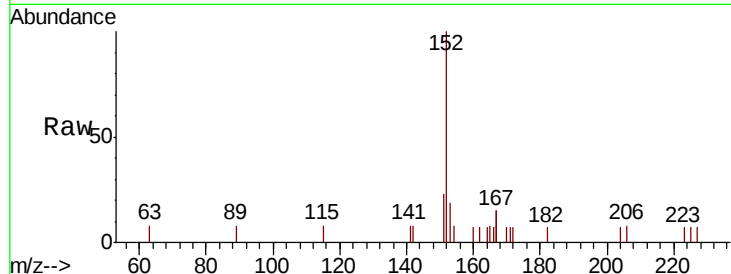




#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099072.D
Acq: 20 Mar 2019 17:10

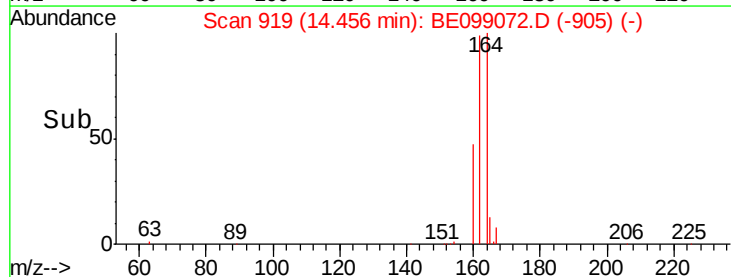
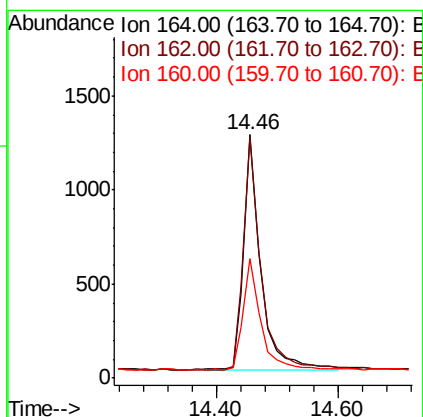
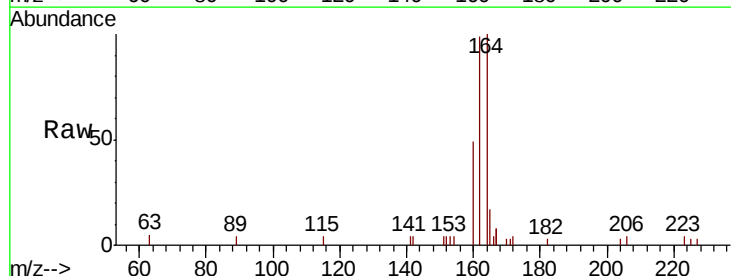
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2174
Ion Ratio Lower Upper
152 100
151 18.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099072.D
Acq: 20 Mar 2019 17:10

Tgt Ion:164 Resp: 2434
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.2
160 48.8 37.8 56.8

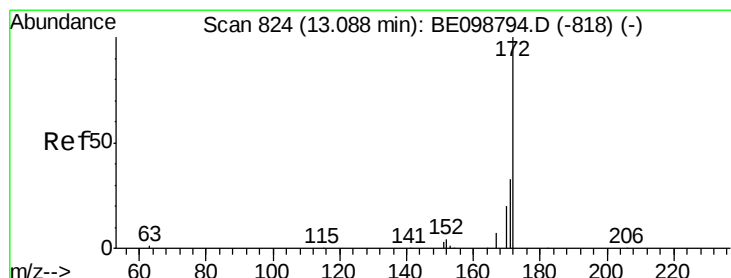
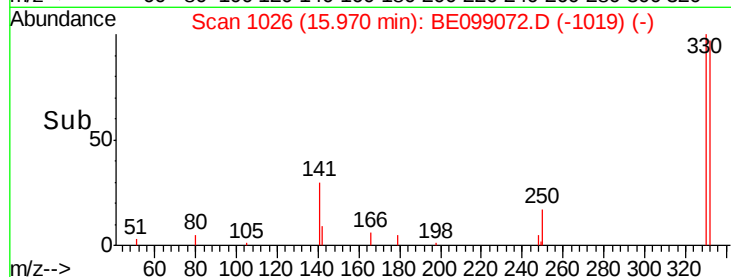
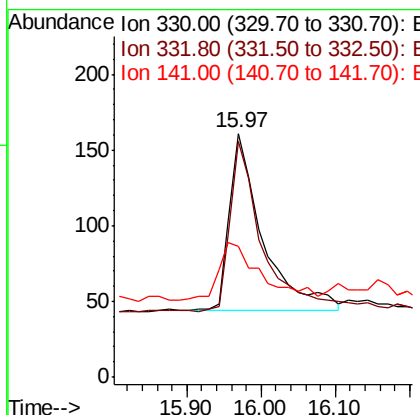
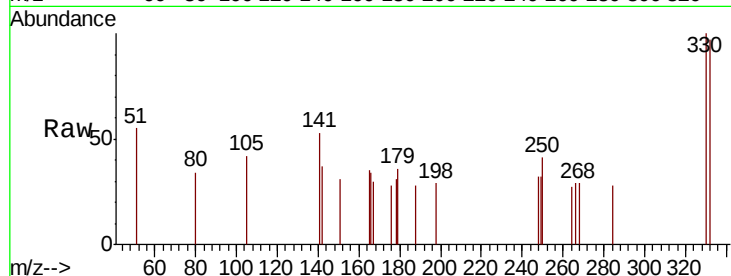




#14
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099072.D
 Acq: 20 Mar 2019 17:10

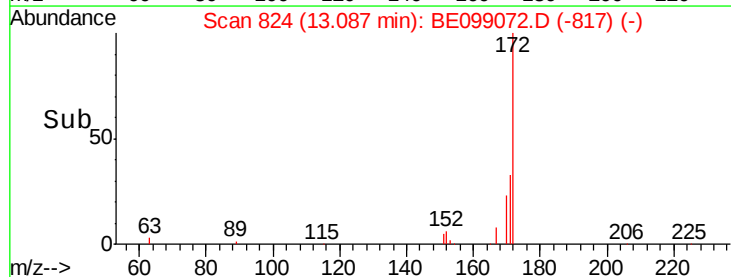
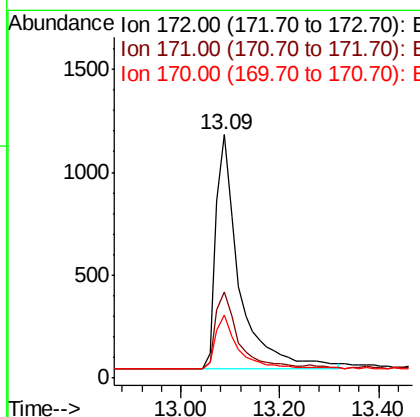
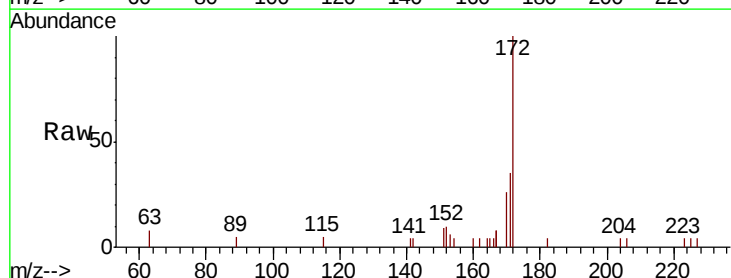
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 362
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.6 116.4
 141 37.6 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.371 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099072.D
 Acq: 20 Mar 2019 17:10

Tgt Ion:172 Resp: 3740
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.0 42.0
 170 25.9 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: BE099072.D

Acq: 20 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

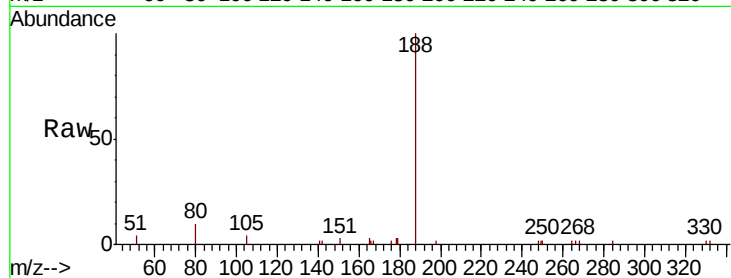
Tot Ion:188 Resp: 5707

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

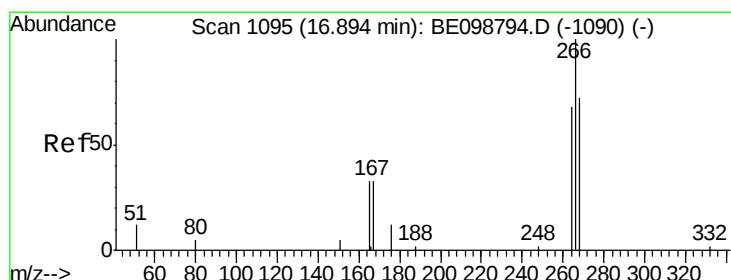
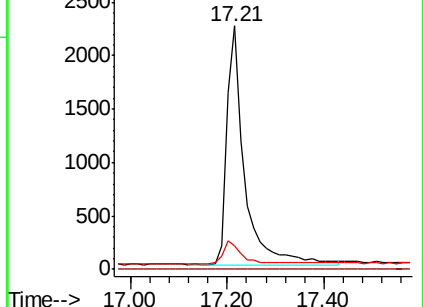
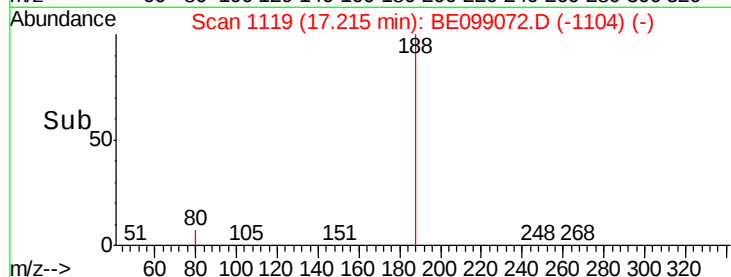
80 9.7 6.3 9.5#



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: 0.269 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

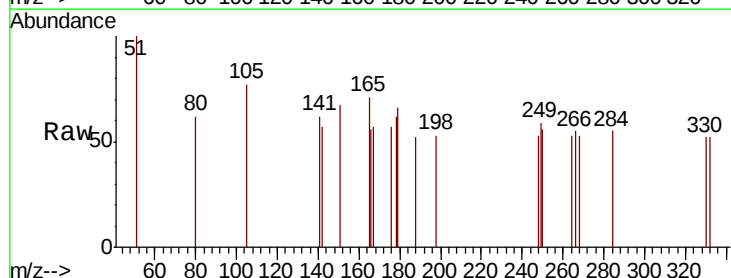
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

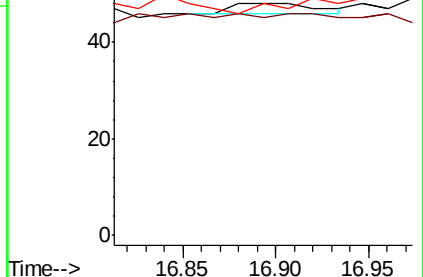
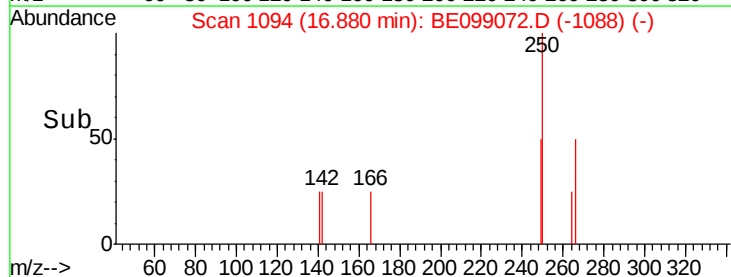
268 95.8 69.8 104.8

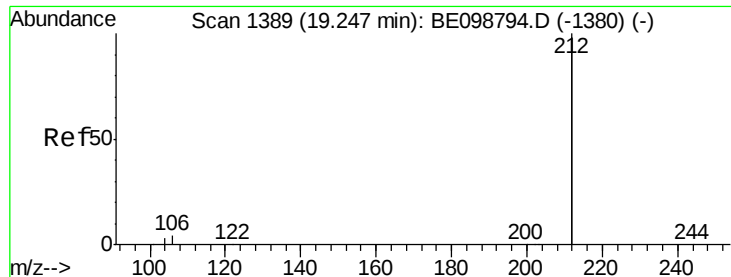


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.312 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

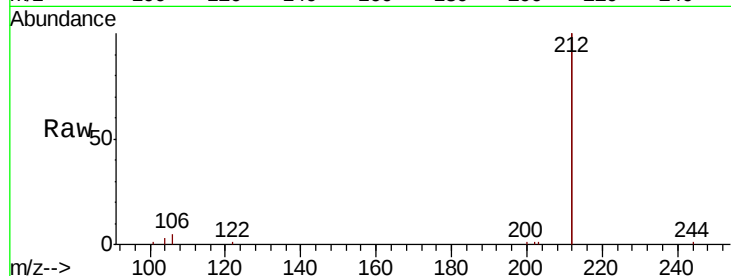
Tot Ion:212 Resp: 28439

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

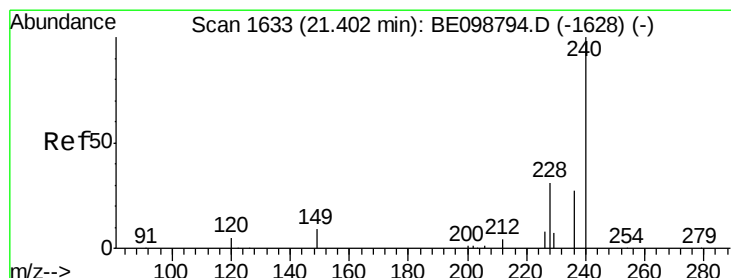
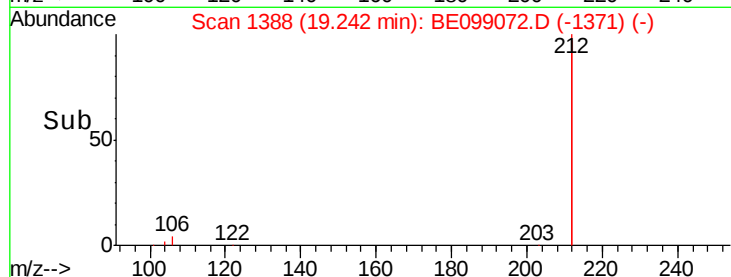
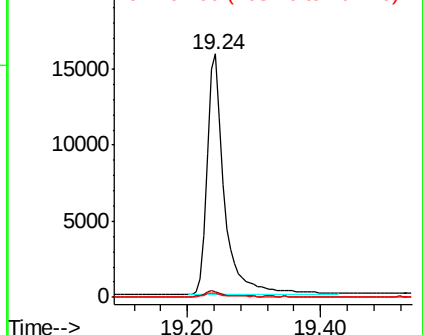
104 1.3 1.0 1.6



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# 1632

Delta R.T. -0.00 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

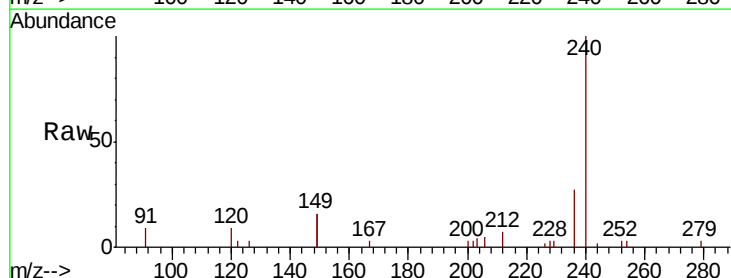
Tgt Ion:240 Resp: 6151

Ion Ratio Lower Upper

240 100

120 8.5 5.0 7.4#

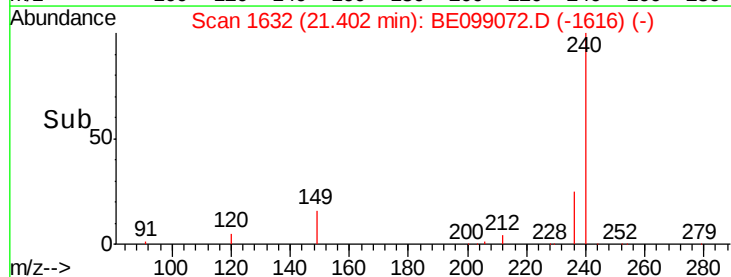
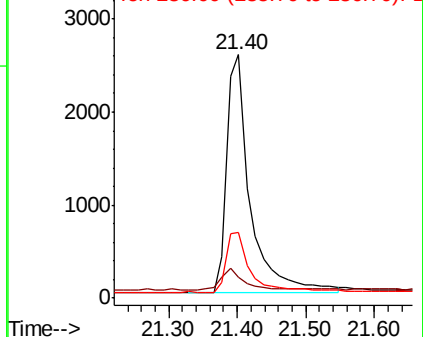
236 27.0 22.7 34.1

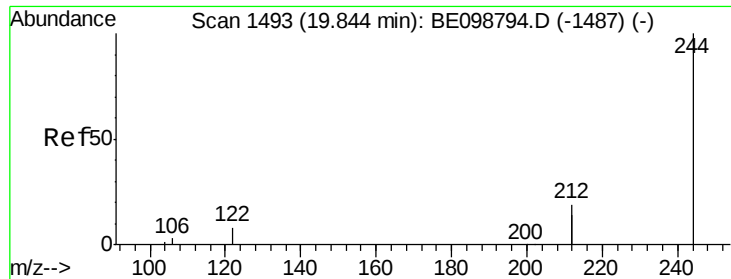


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

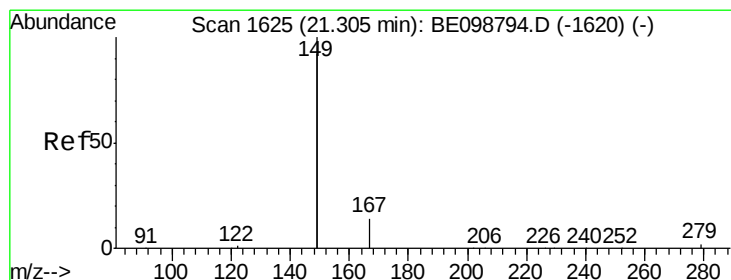
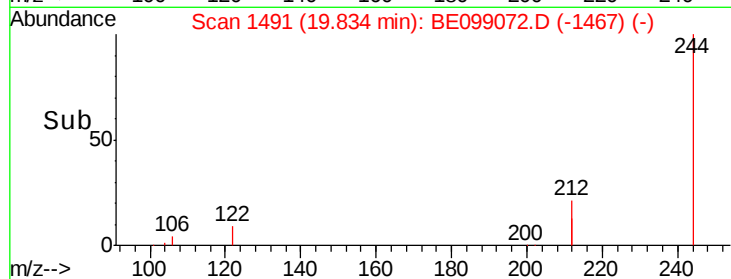
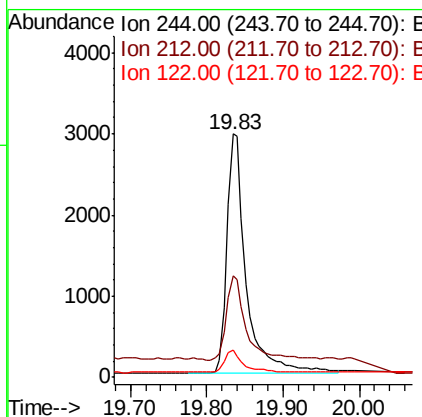
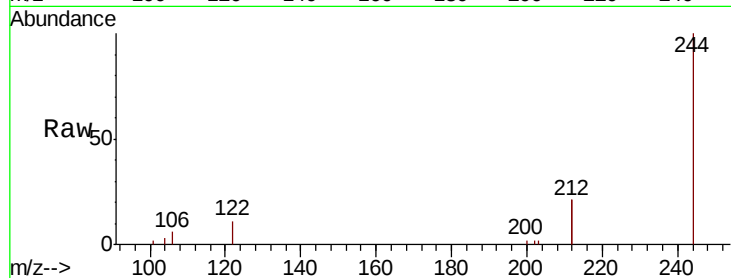




#29
 Terphenyl-d14
 Concen: 0.352 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE099072.D
 Acq: 20 Mar 2019 17:10

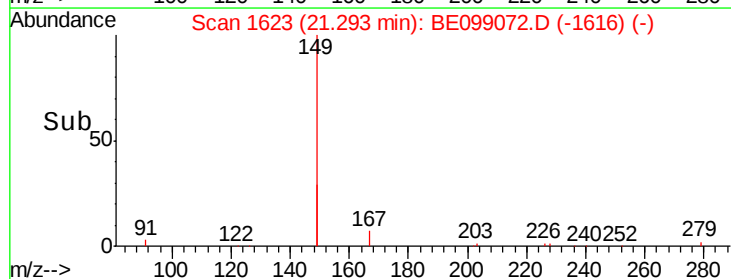
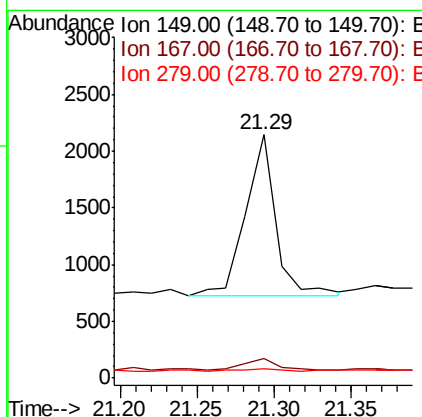
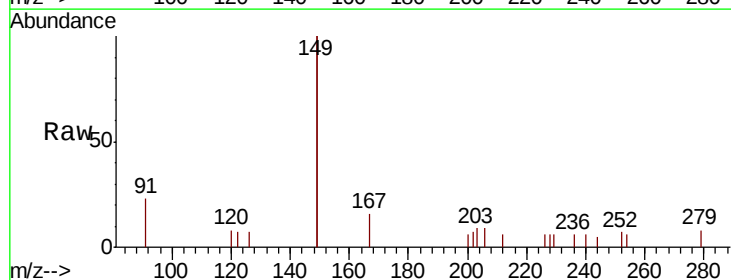
Instrument :
 BNA_E
 ClientSampleId :

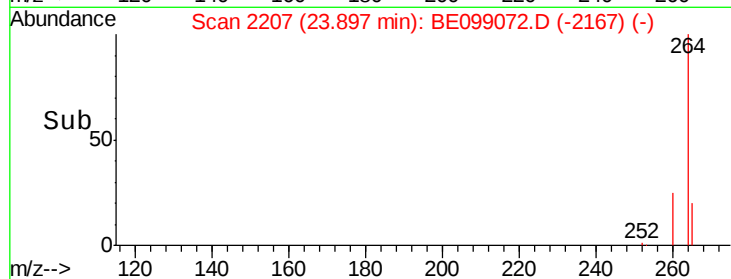
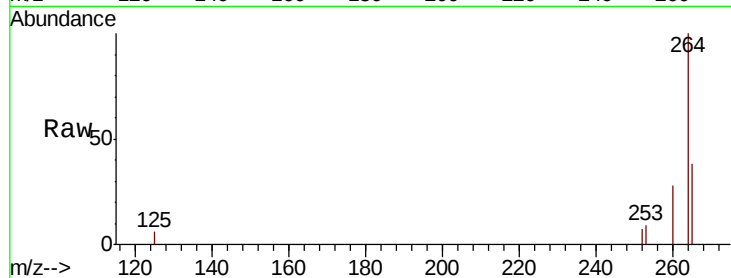
Tot Ion:244 Resp: 5263
 Ion Ratio Lower Upper
 244 100
 212 41.7 29.4 44.2
 122 11.0 7.1 10.7#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099072.D
 Acq: 20 Mar 2019 17:10

Tgt Ion:149 Resp: 1926
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.0
 279 1.6 1.0 1.4#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE099072.D

Acq: 20 Mar 2019 17:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 5334

Ion Ratio Lower Upper

264 100

260 27.6 21.2 31.8

265 38.3 24.6 36.8#

