

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099064.D
 Acq On : 20 Mar 2019 9:31
 Operator : JU/SJ
 Sample : K1969-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-DUP06-20190316

Quant Time: Mar 20 10:07:52 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

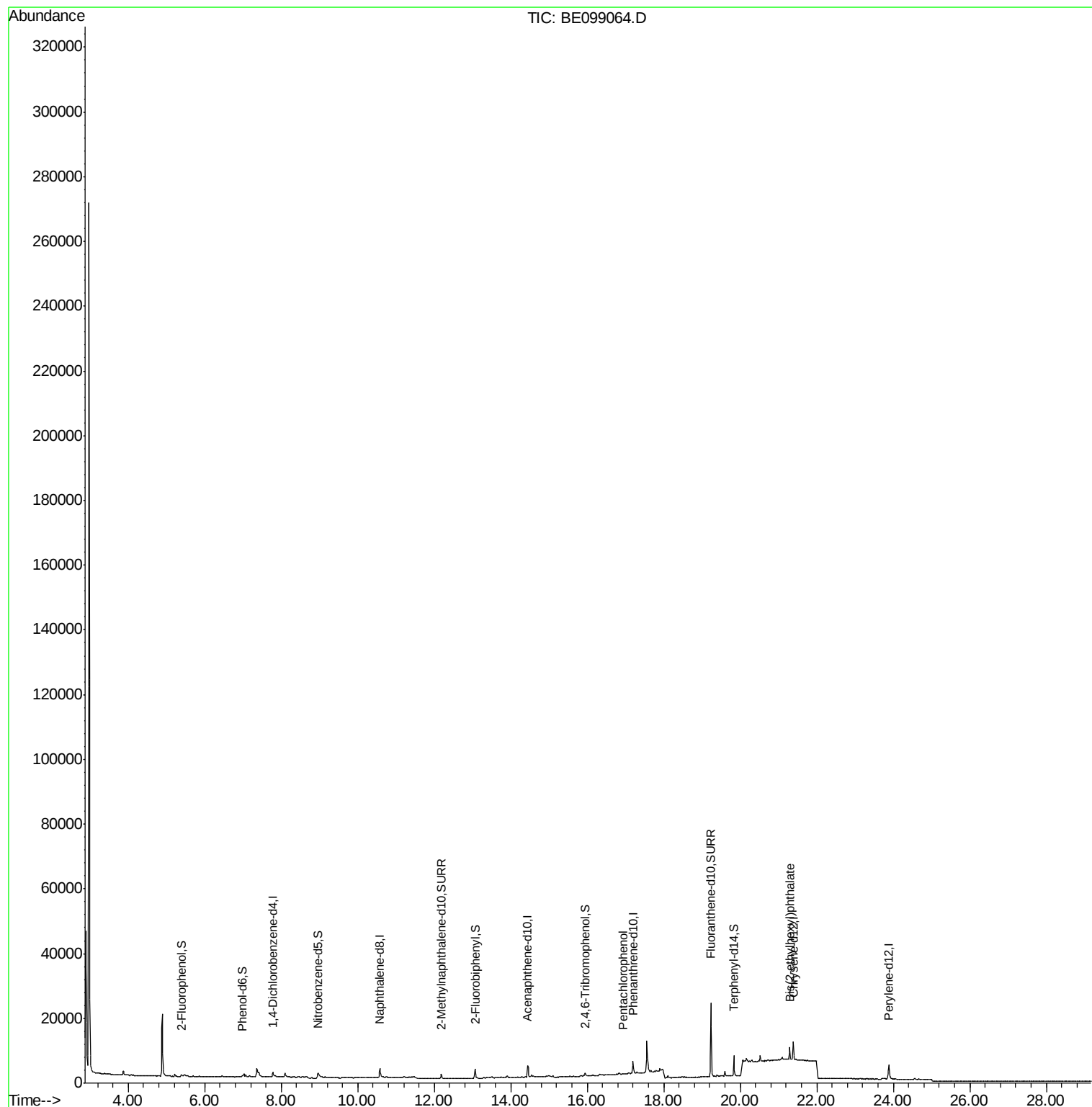
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	866	0.40	ng	-0.01
7) Naphthalene-d8	10.58	136	3665	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2557	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	5989	0.40	ng	-0.02
27) Chrysene-d12	21.39	240	7082	0.40	ng	-0.01
34) Perylene-d12	23.88	264	6685	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	423	0.16	ng	0.00
5) Phenol-d6	6.99	99	346	0.09	ng	0.00
8) Nitrobenzene-d5	8.97	82	1278	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.18	152	2475	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	601	0.47	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	4045	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	32470	0.34	ng	-0.01
29) Terphenyl-d14	19.83	244	5867	0.34	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	65	Below Cal	#	70
22) Pentachlorophenol	16.93	266	6	0.269 ng		87
32) Bis(2-ethylhexyl)phthalate	21.29	149	4473	0.095 ng	#	96

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

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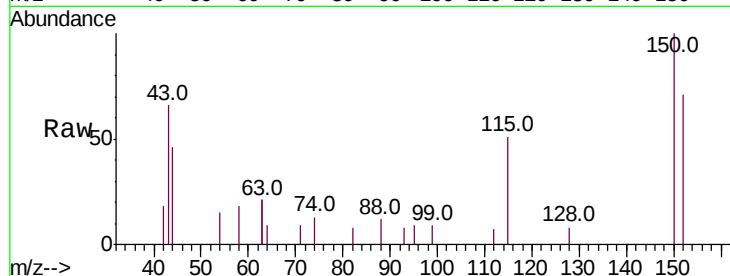


#1

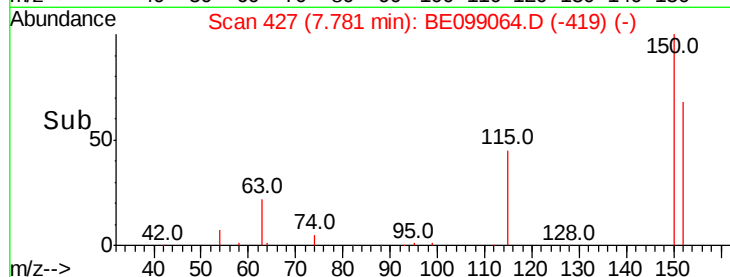
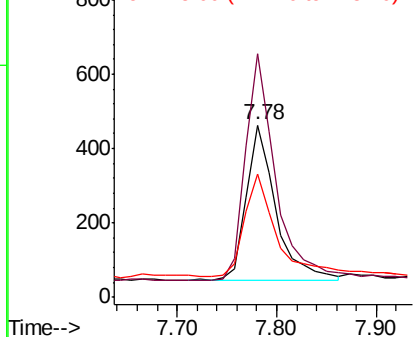
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE099064.D
 Acq: 20 Mar 2019 9:31

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-DUP06-20190316

Tot Ion:152 Resp: 866
 Ion Ratio Lower Upper
 152 100
 150 141.2 122.5 183.7
 115 71.6 57.4 86.2



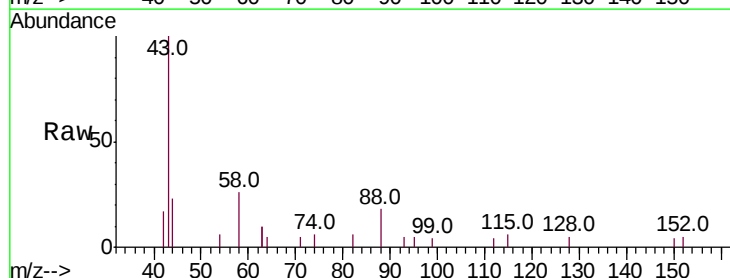
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



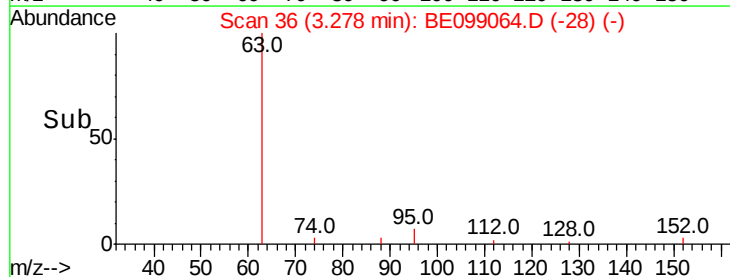
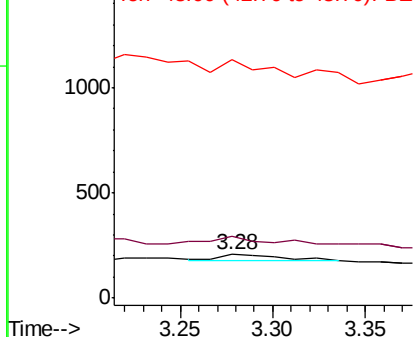
#2

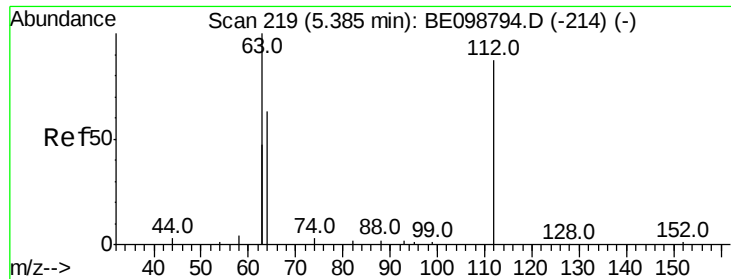
1,4-Dioxane
 Concen: Below Cal
 RT: 3.28 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BE099064.D
 Acq: 20 Mar 2019 9:31

Tgt Ion: 88 Resp: 65
 Ion Ratio Lower Upper
 88 100
 58 100.0 75.8 113.6
 43 0.0 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: 0.163 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

Instrument :

BNA_E

ClientSampleId :

BP-TT-DUP06-20190316

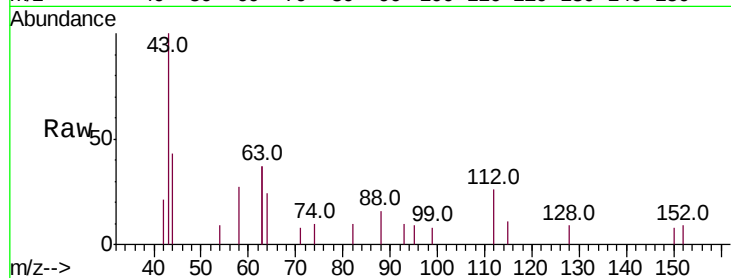
Tot Ion:112 Resp: 423

Ion Ratio Lower Upper

112 100

64 87.2 57.9 86.9#

63 229.3 158.3 237.5



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

500

400

300

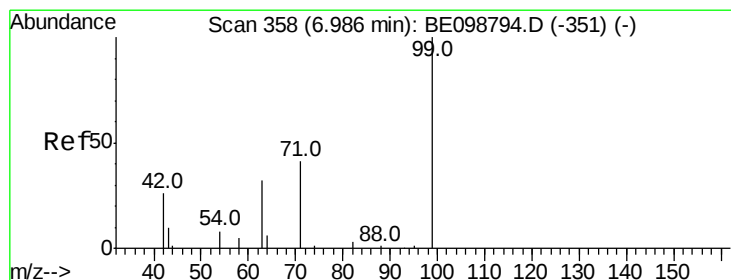
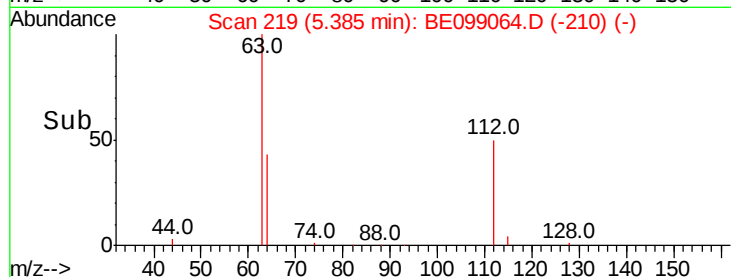
200

100

0

5.20 5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.095 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

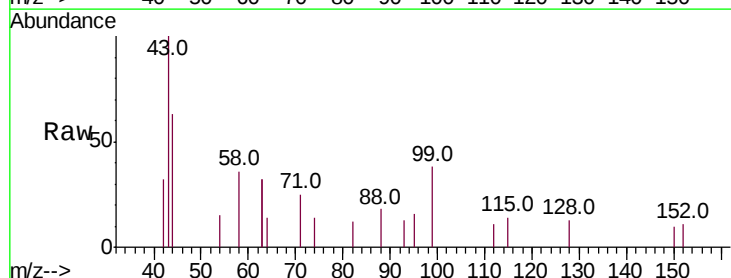
Tgt Ion: 99 Resp: 346

Ion Ratio Lower Upper

99 100

42 50.9 24.2 36.2#

71 0.0 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

500

400

300

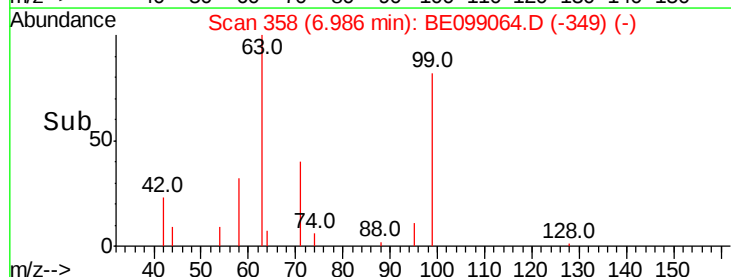
200

100

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

Instrument :

BNA_E

ClientSampleId :

BP-TT-DUP06-20190316

Tot Ion:136 Resp: 3665

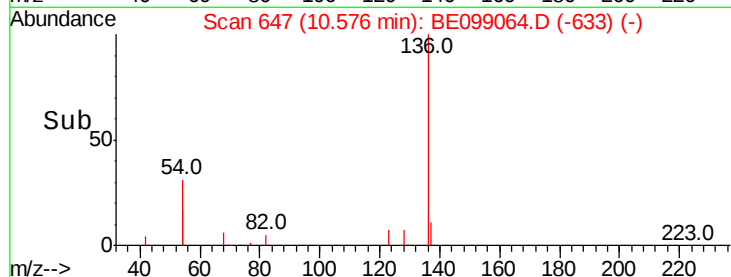
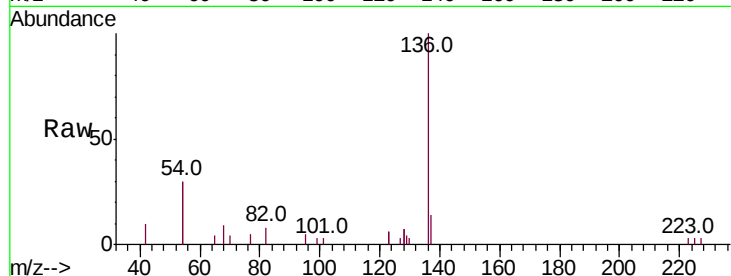
Ion Ratio Lower Upper

136 100

137 14.1 11.4 17.0

54 59.7 39.3 58.9#

68 9.4 6.7 10.1

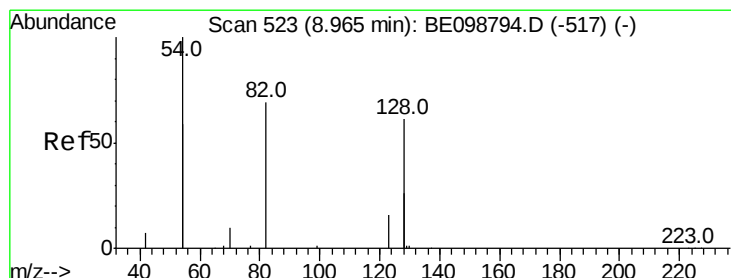
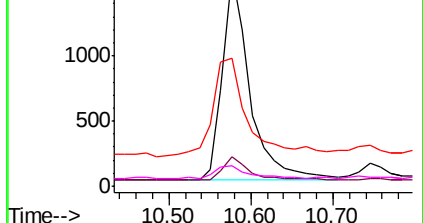


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

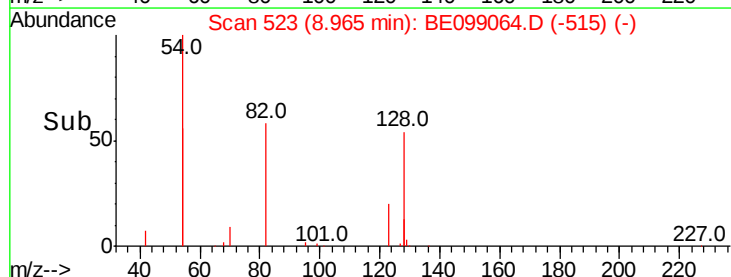
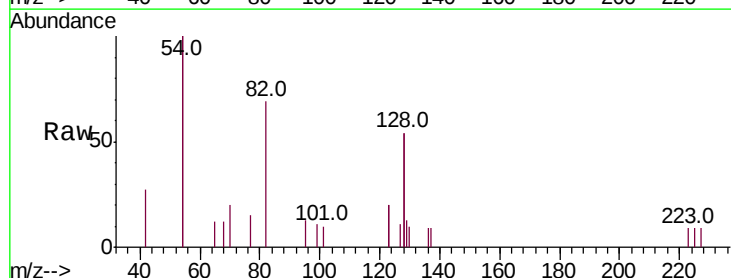
Tgt Ion: 82 Resp: 1278

Ion Ratio Lower Upper

82 100

128 155.6 123.8 185.8

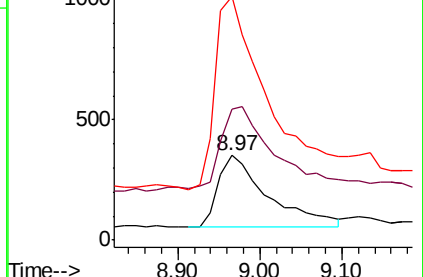
54 288.3 203.4 305.2

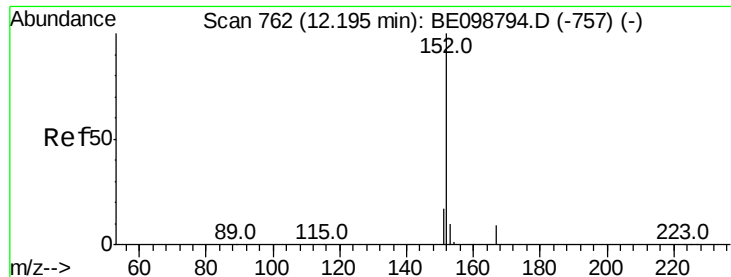


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

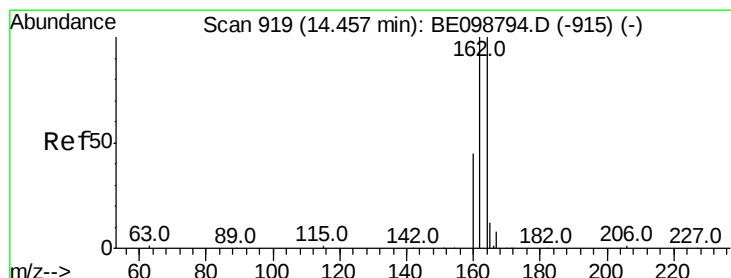
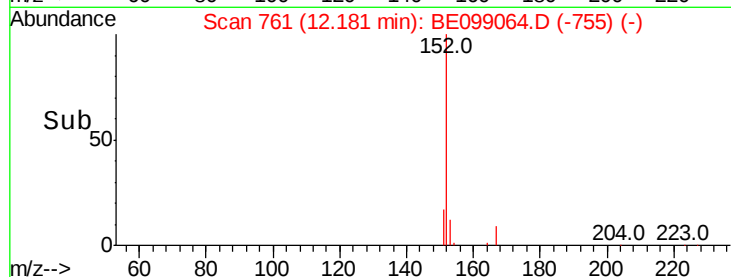
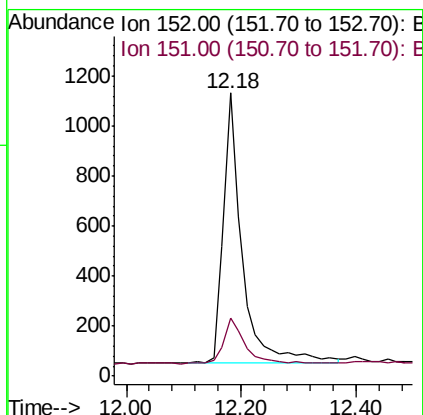
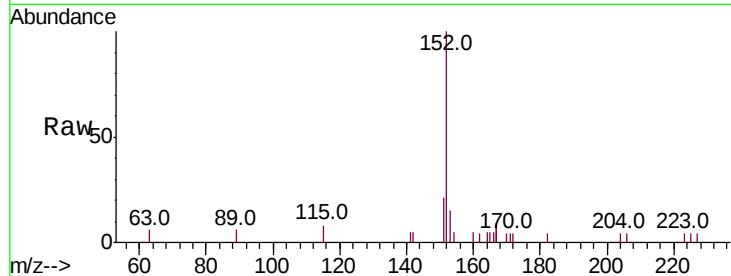




#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE099064.D
Acq: 20 Mar 2019 9:31

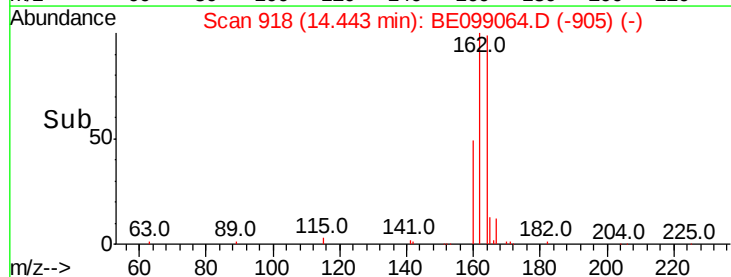
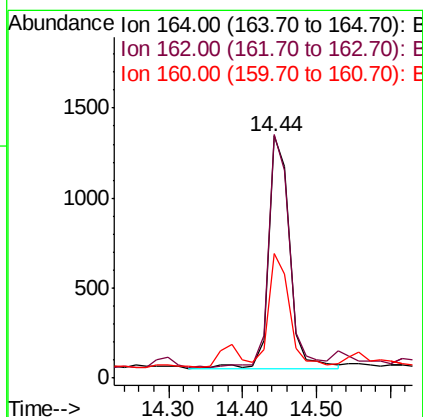
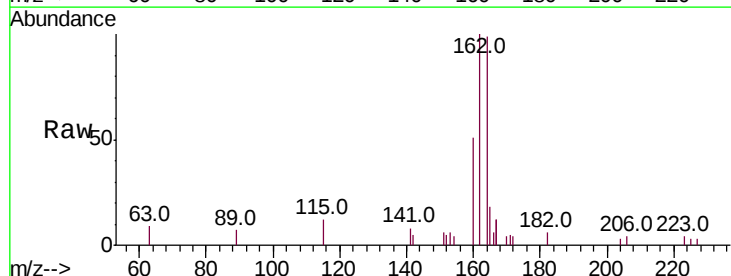
Instrument :
BNA_E
ClientSampleId :
BP-TT-DUP06-20190316

Tot Ion:152 Resp: 2475
Ion Ratio Lower Upper
152 100
151 18.8 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.01 min
Lab File: BE099064.D
Acq: 20 Mar 2019 9:31

Tgt Ion:164 Resp: 2557
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 51.3 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.466 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

Instrument :

BNA_E

ClientSampleId :

BP-TT-DUP06-20190316

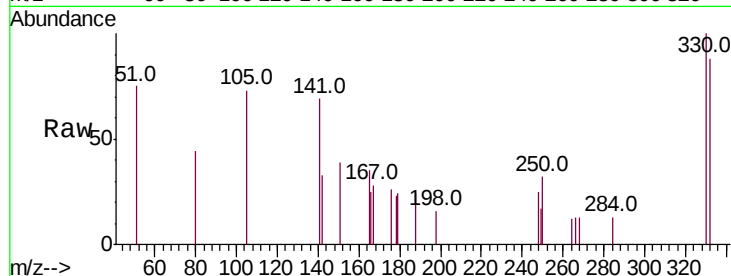
Tot Ion:330 Resp: 601

Ion Ratio Lower Upper

330 100

332 90.8 77.6 116.4

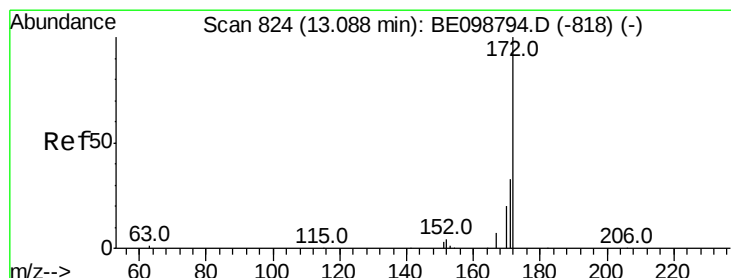
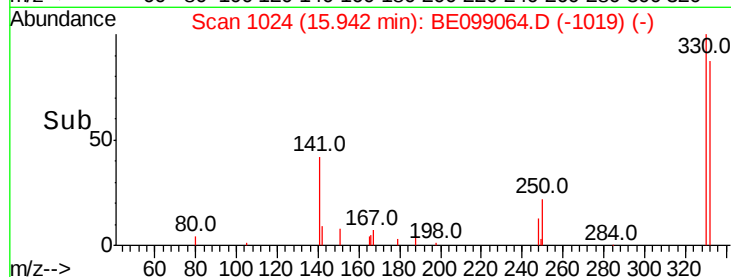
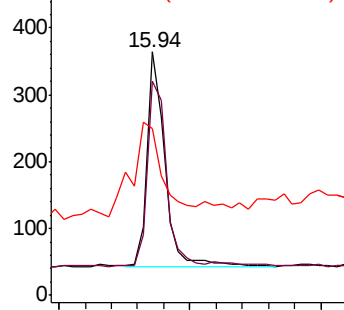
141 53.1 31.0 46.4#



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: 0.382 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

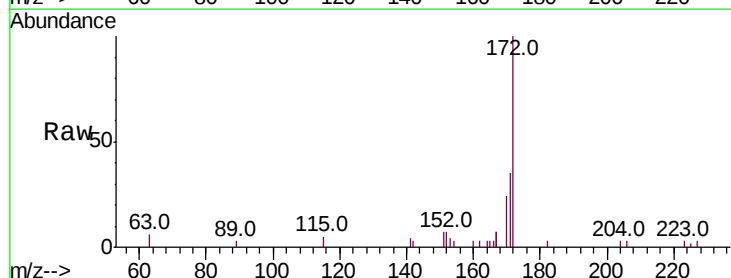
Tgt Ion:172 Resp: 4045

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

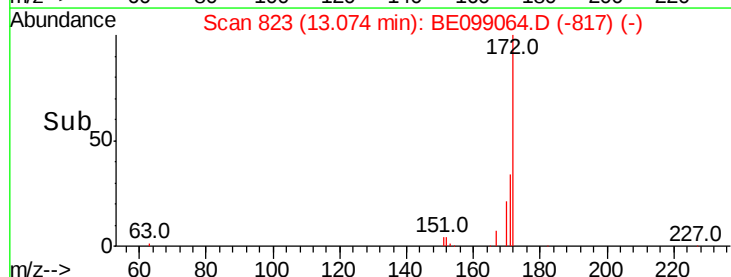
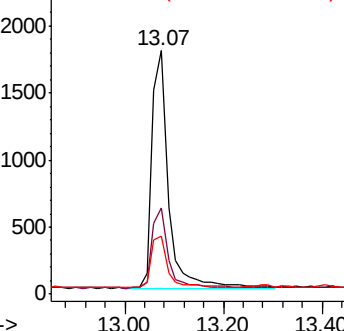
170 23.6 17.7 26.5

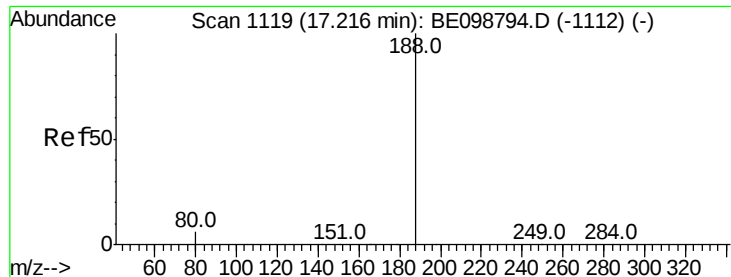


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.20 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

Instrument :

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ClientSampleId :

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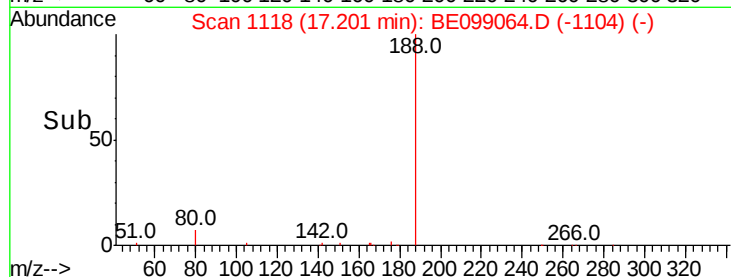
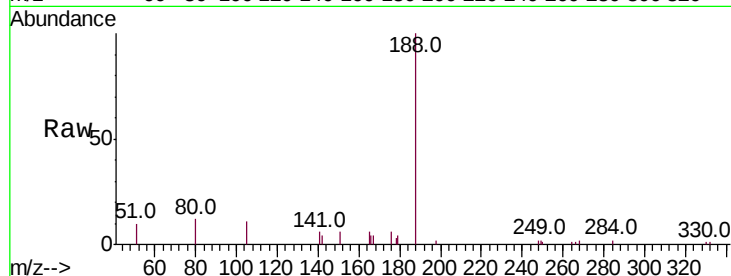
Tot Ion:188 Resp: 5989

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

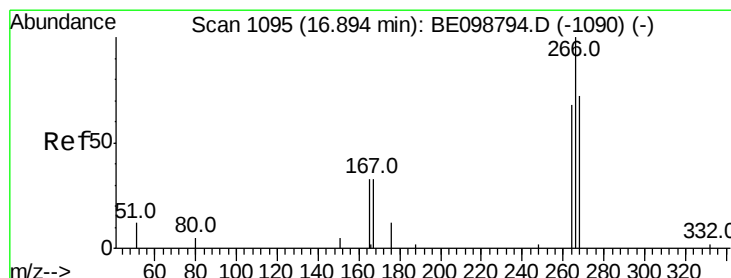
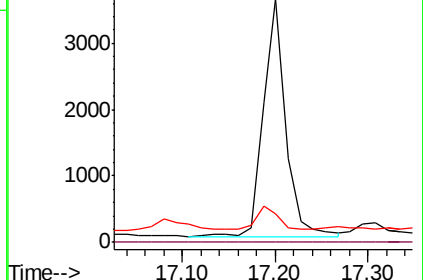
80 11.8 6.3 9.5#



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: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

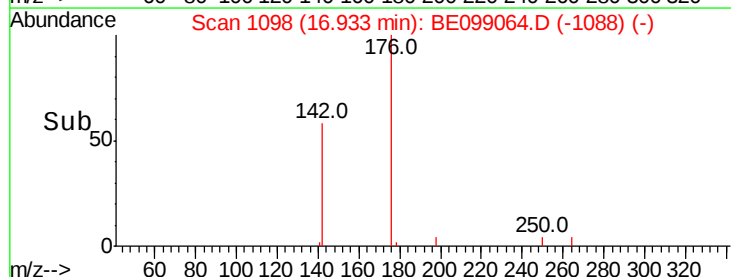
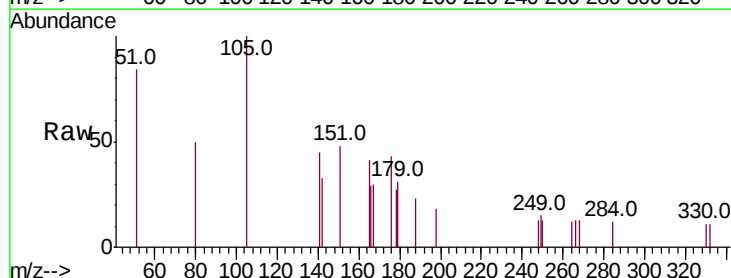
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 96.2 66.6 100.0

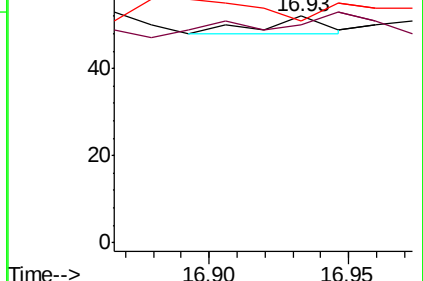
268 98.1 69.8 104.8

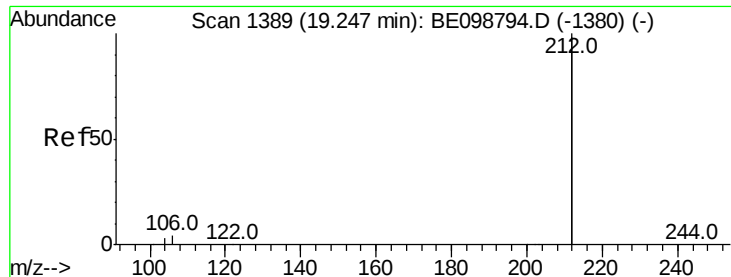


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099064.D

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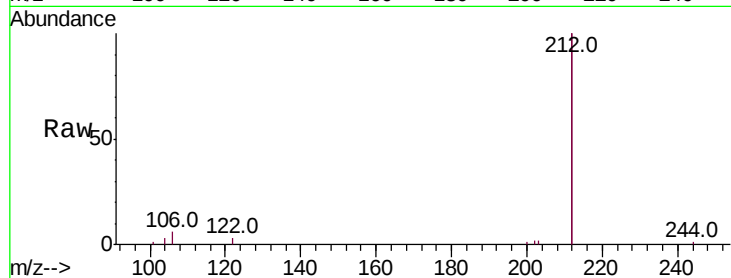
Tot Ion:212 Resp: 32470

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

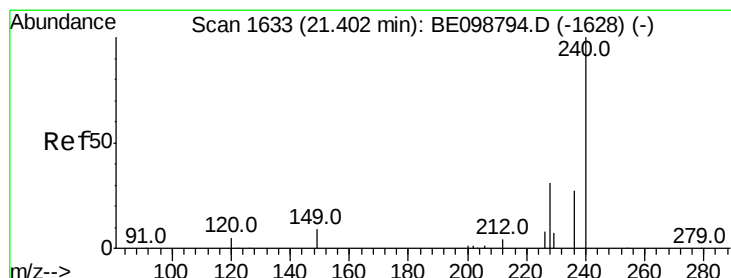
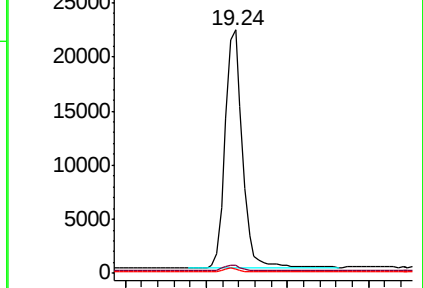
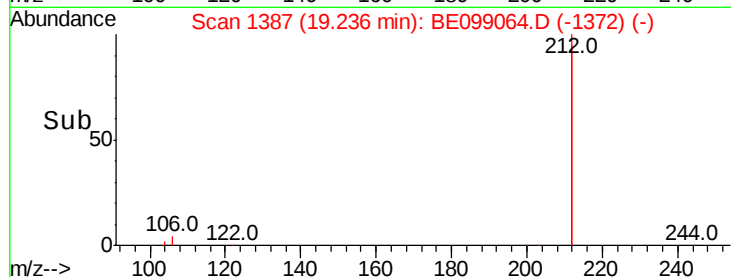
104 1.5 1.0 1.6



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

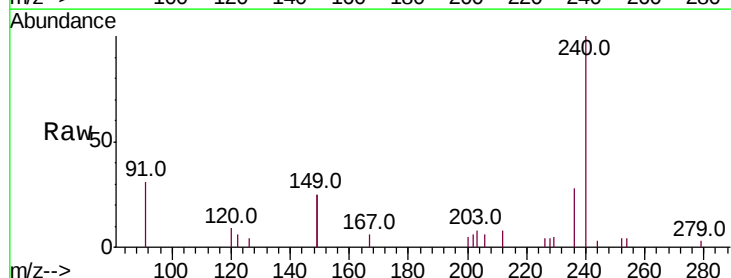
Tgt Ion:240 Resp: 7082

Ion Ratio Lower Upper

240 100

120 9.1 5.0 7.4#

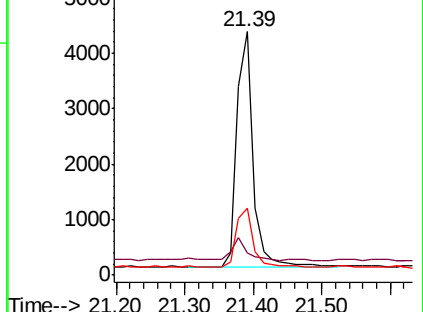
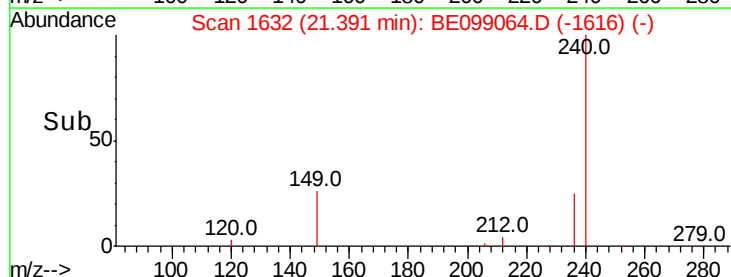
236 27.7 22.7 34.1

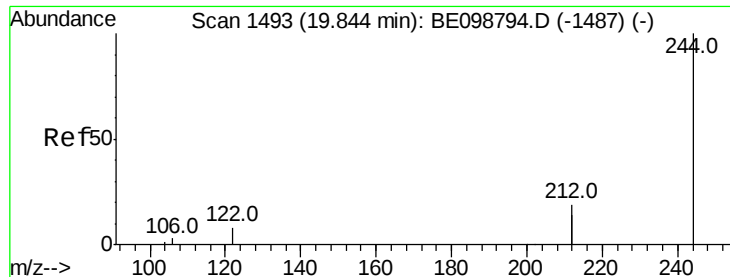


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

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BP-TT-DUP06-20190316

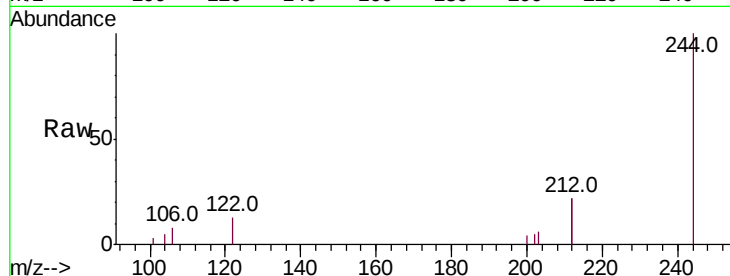
Tot Ion:244 Resp: 5867

Ion Ratio Lower Upper

244 100

212 44.8 29.4 44.2#

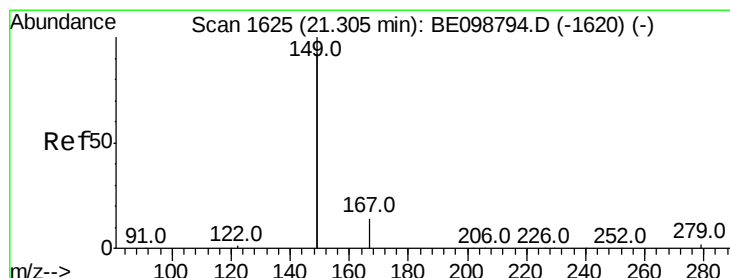
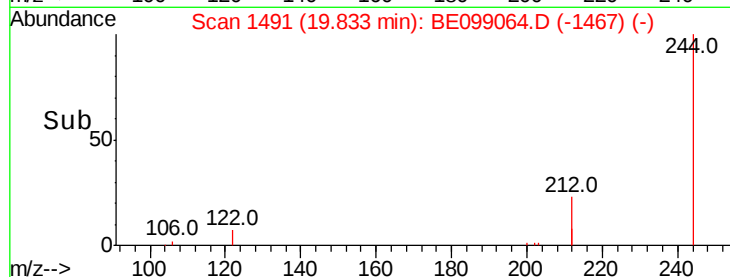
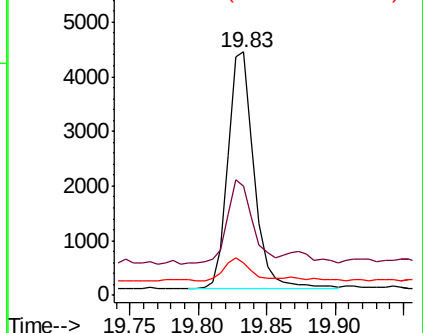
122 13.2 7.1 10.7#



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: 0.095 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099064.D

Acq: 20 Mar 2019 9:31

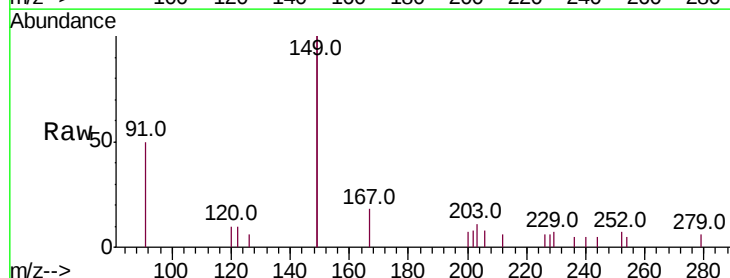
Tgt Ion:149 Resp: 4473

Ion Ratio Lower Upper

149 100

167 8.2 5.4 8.0#

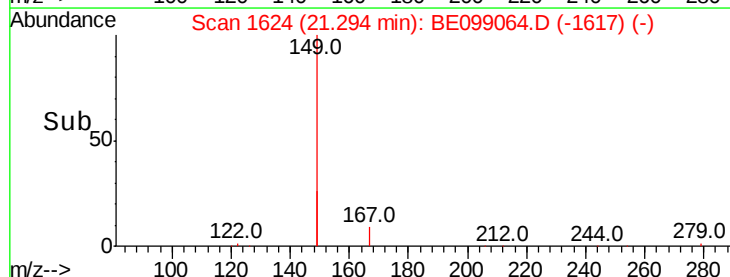
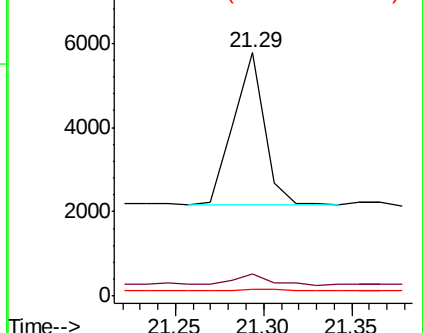
279 1.9 1.0 1.4#



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

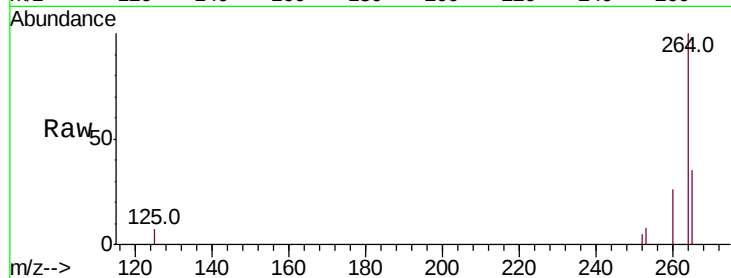




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BE099064.D
 Acq: 20 Mar 2019 9:31

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-DUP06-20190316

Tot Ion: 264 Resp: 6685
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 35.1 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

