

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099063.D
 Acq On : 20 Mar 2019 8:55
 Operator : JU/SJ
 Sample : K1969-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190316

Quant Time: Mar 20 10:07:46 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

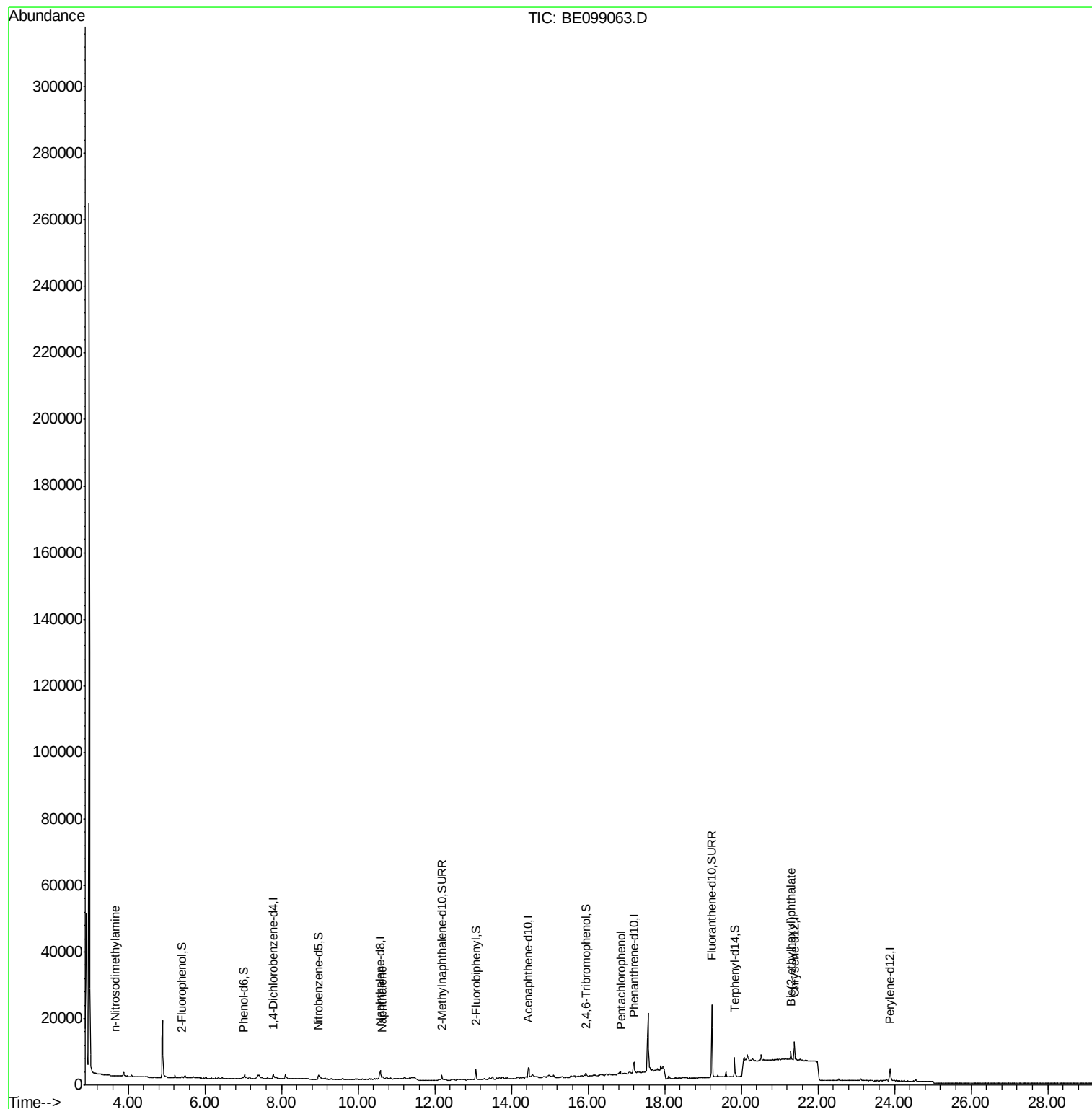
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	775	0.40	ng	-0.01
7) Naphthalene-d8	10.58	136	3338	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2405	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	5383	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6144	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6071	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	381	0.16	ng	0.01
5) Phenol-d6	7.00	99	310	0.09	ng	0.01
8) Nitrobenzene-d5	8.96	82	1352	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.18	152	2365	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	577	0.48	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3984	0.40	ng	-0.01
25) Fluoranthene-d10	19.24	212	30434	0.35	ng	-0.01
29) Terphenyl-d14	19.83	244	5425	0.36	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	81	Below Cal	#	11
3) n-Nitrosodimethylamine	3.65	42	41	0.021	ng	# 14
9) Naphthalene	10.63	128	767	0.020	ng	# 57
22) Pentachlorophenol	16.87	266	17	0.279	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.29	149	3171	0.078	ng	# 99

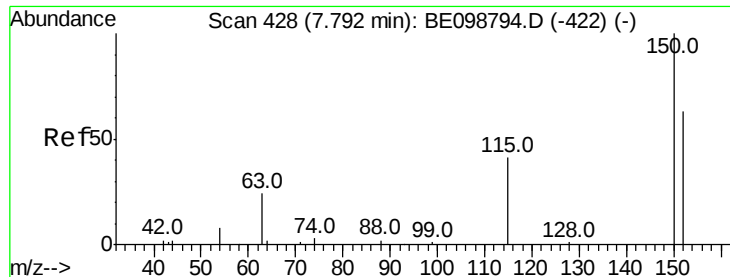
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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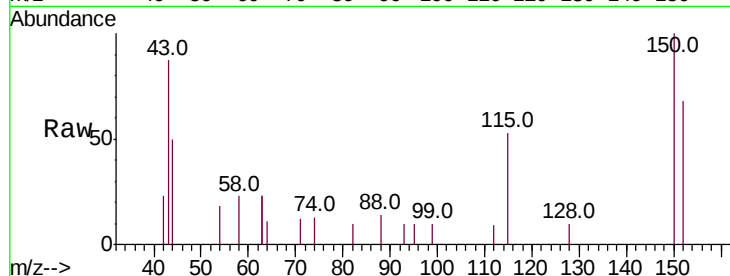


#1

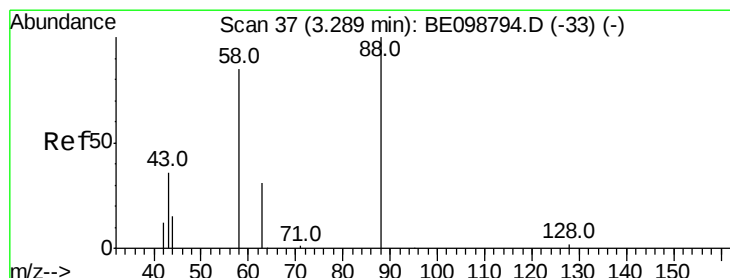
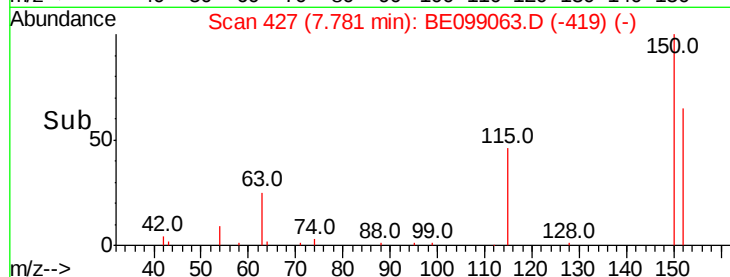
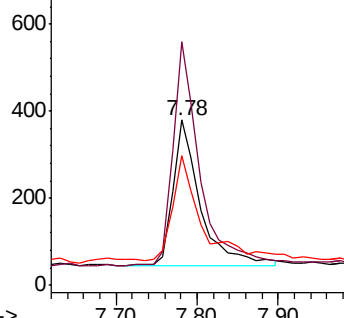
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099063.D
Acq: 20 Mar 2019 8:55

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190316

Tot Ion:152 Resp: 775
Ion Ratio Lower Upper
152 100
150 147.5 122.5 183.7
115 78.4 57.4 86.2



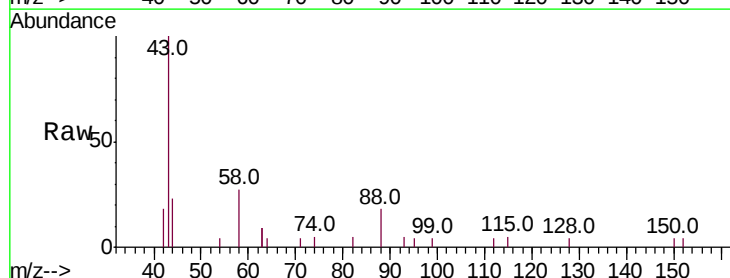
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



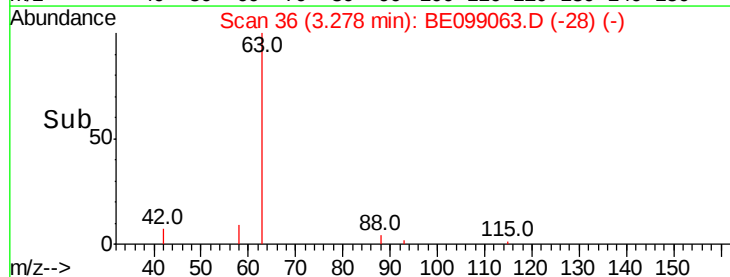
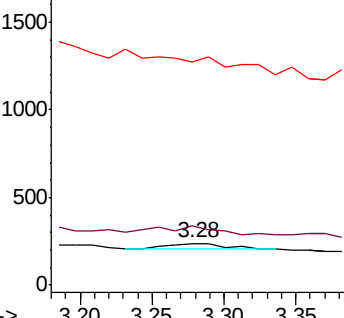
#2

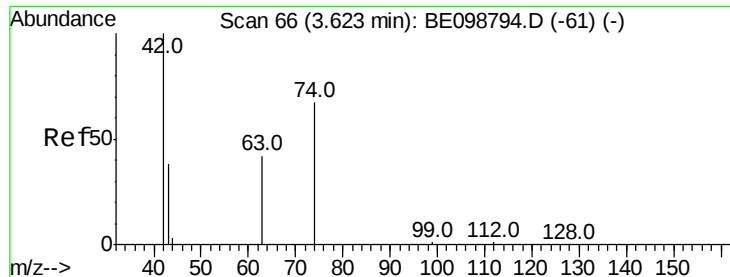
1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099063.D
Acq: 20 Mar 2019 8:55

Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
58 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.02 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

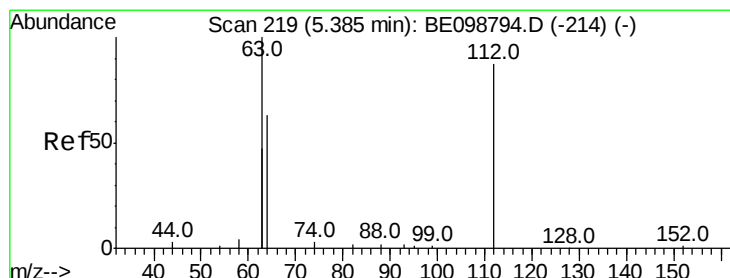
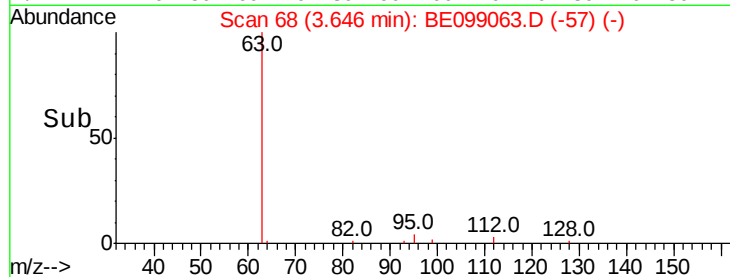
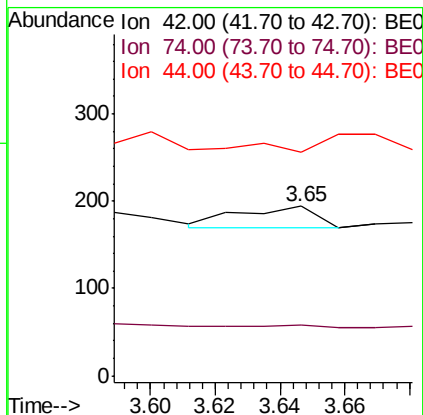
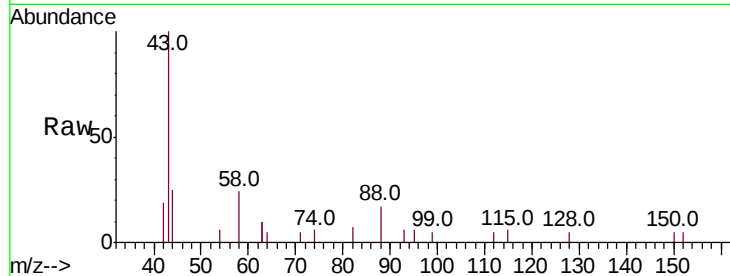
Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190316

Tot Ion:	42	Resp:	41
Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.164 ng

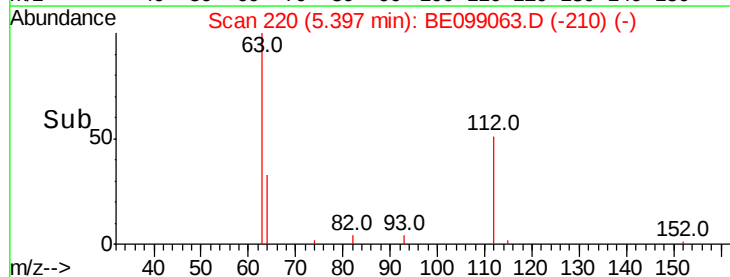
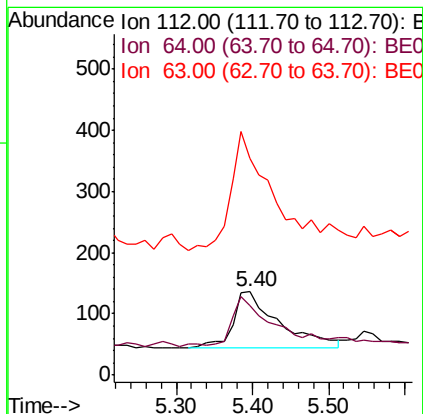
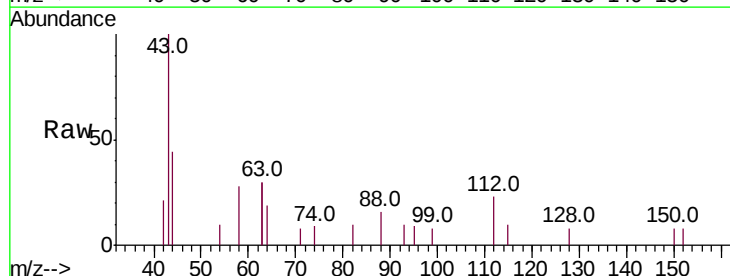
RT: 5.40 min Scan# 220

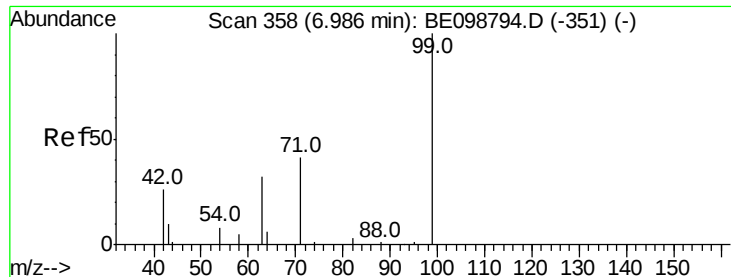
Delta R.T. 0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Tgt Ion:	112	Resp:	381
Ion	Ratio	Lower	Upper
112	100		
64	81.4	57.9	86.9
63	213.6	158.3	237.5





#5

Phenol-d6

Concen: 0.095 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190316

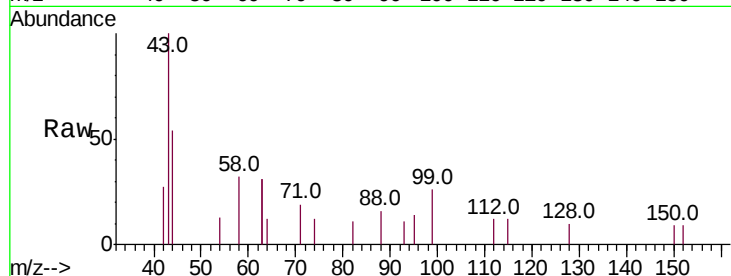
Tot Ion: 99 Resp: 310

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

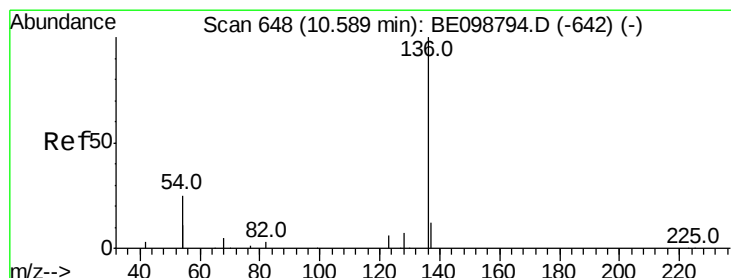
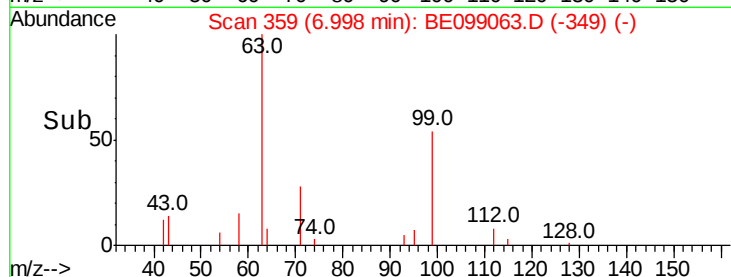
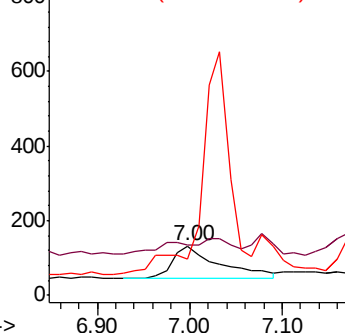
71 0.0 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Tgt Ion: 136 Resp: 3338

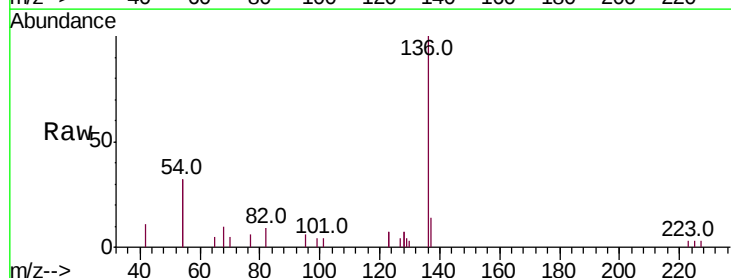
Ion Ratio Lower Upper

136 100

137 14.1 11.4 17.0

54 63.1 39.3 58.9#

68 9.8 6.7 10.1

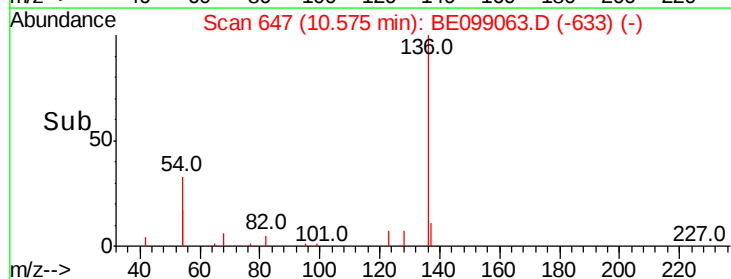
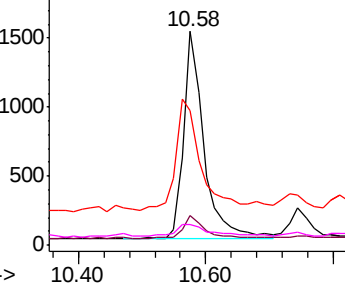


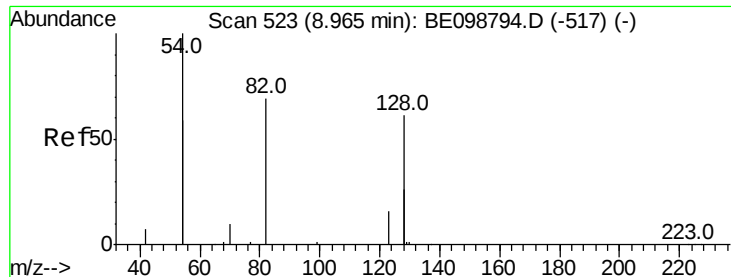
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190316

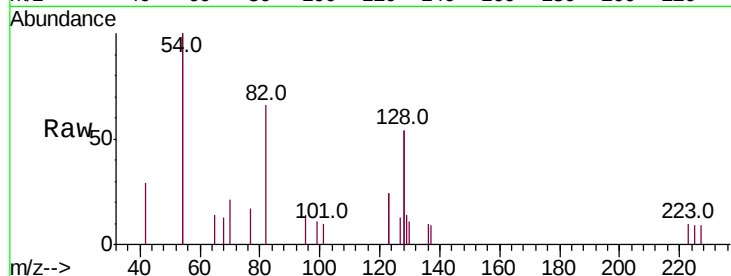
Tot Ion: 82 Resp: 1352

Ion Ratio Lower Upper

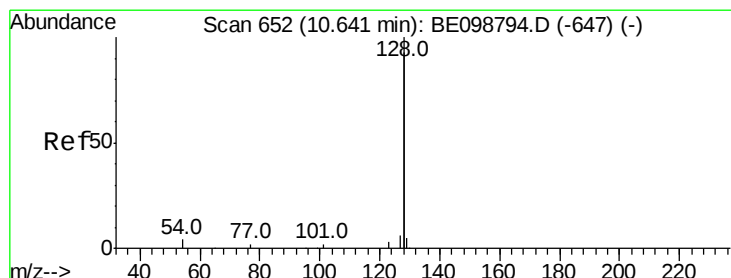
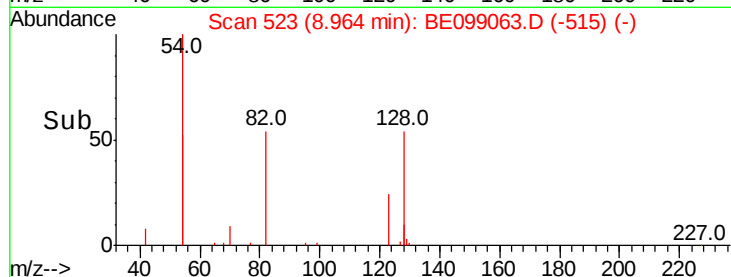
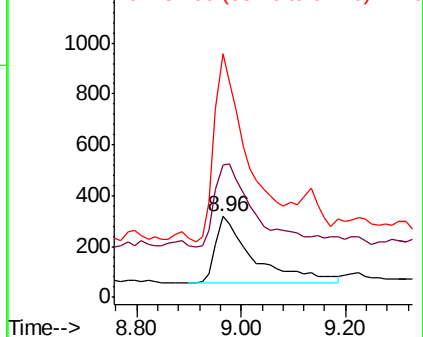
82 100

128 164.7 123.8 185.8

54 302.2 203.4 305.2



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



#9

Naphthalene

Concen: 0.020 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

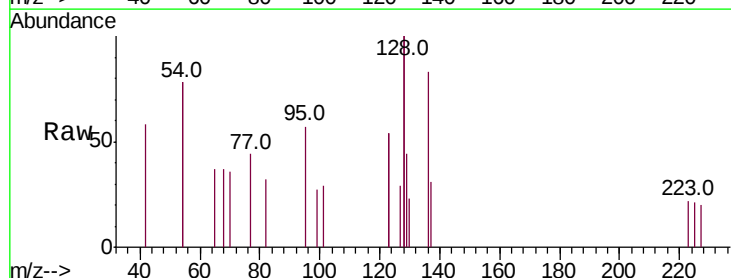
Tgt Ion: 128 Resp: 767

Ion Ratio Lower Upper

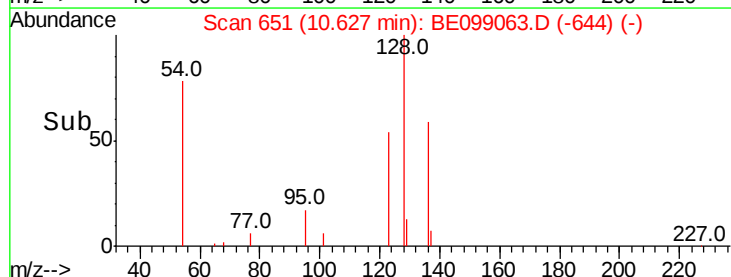
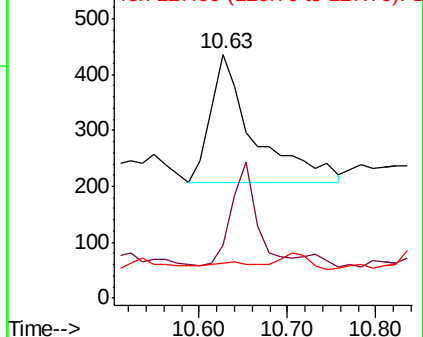
128 100

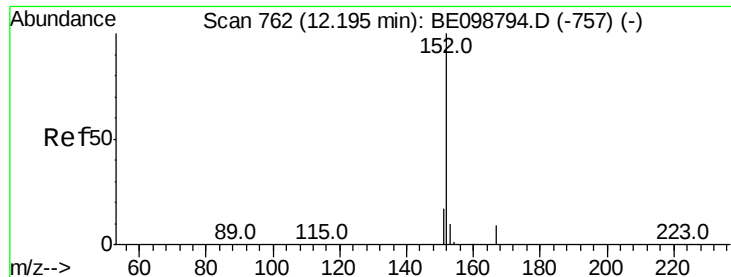
129 21.8 2.6 4.0#

127 14.4 3.1 4.7#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

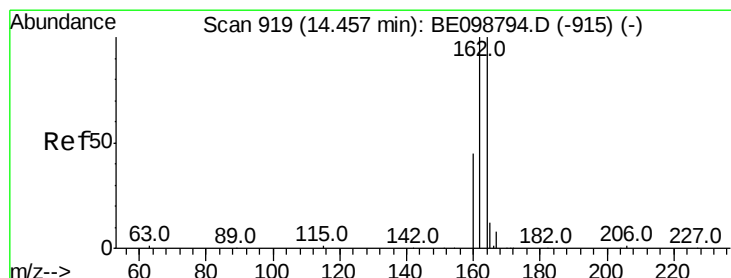
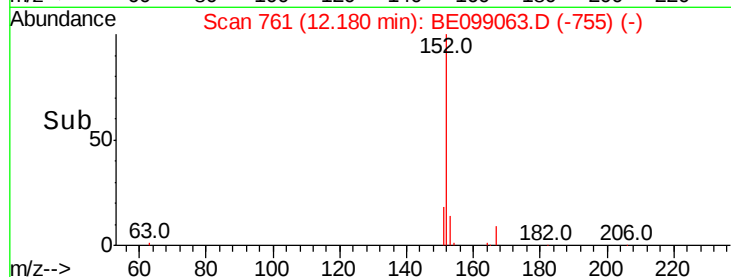
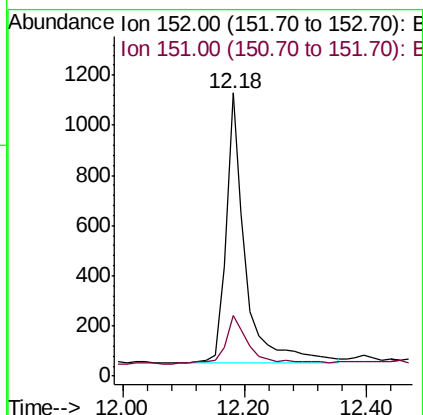
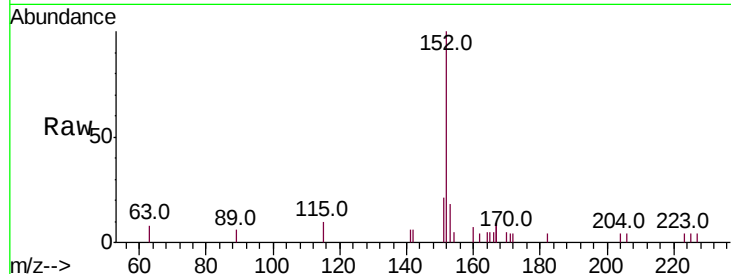




#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE099063.D
Acq: 20 Mar 2019 8:55

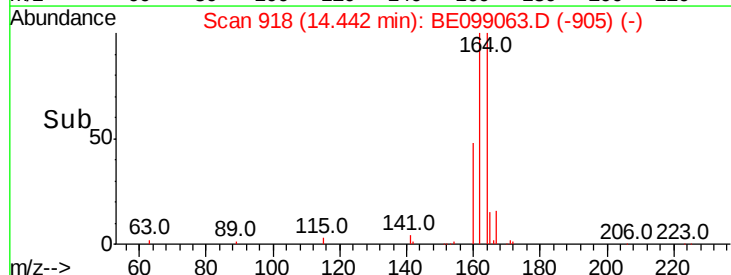
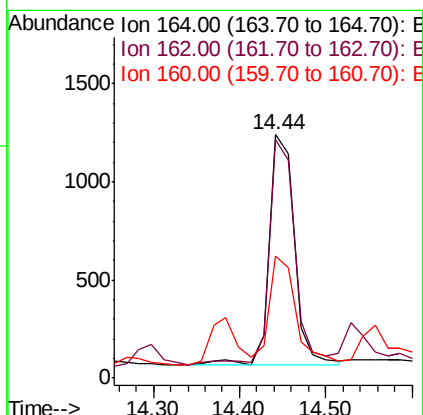
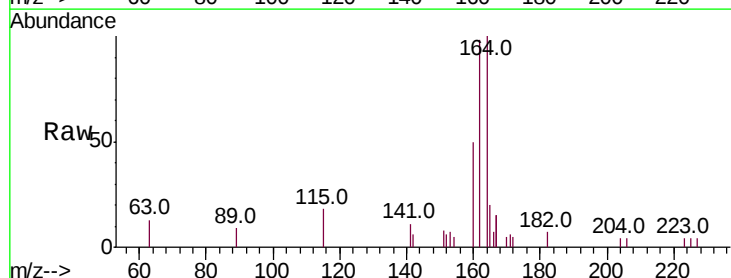
Instrument :
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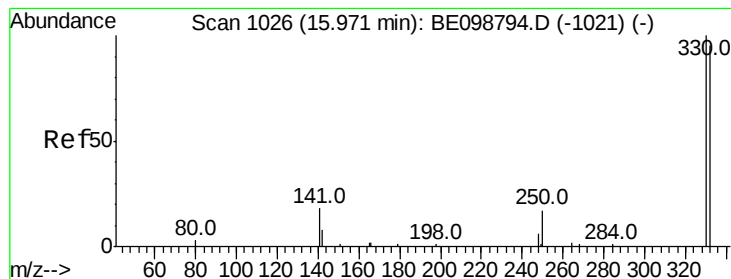
Tot Ion:152 Resp: 2365
Ion Ratio Lower Upper
152 100
151 19.2 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.01 min
Lab File: BE099063.D
Acq: 20 Mar 2019 8:55

Tgt Ion:164 Resp: 2405
Ion Ratio Lower Upper
164 100
162 98.1 80.2 120.2
160 50.3 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.475 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190316

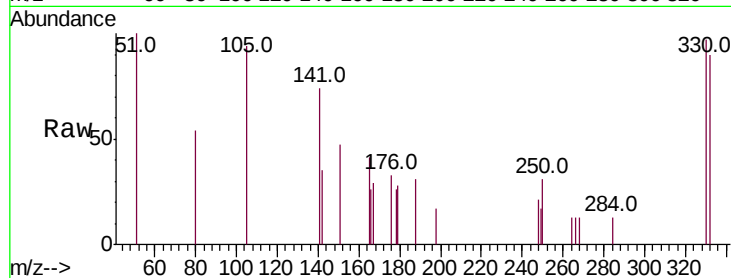
Tot Ion:330 Resp: 577

Ion Ratio Lower Upper

330 100

332 91.7 77.6 116.4

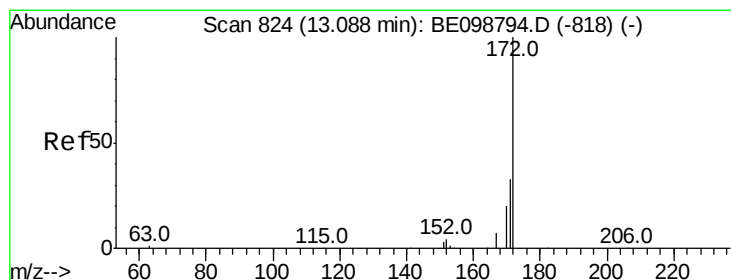
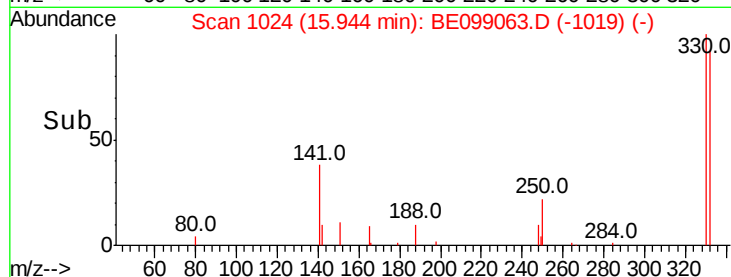
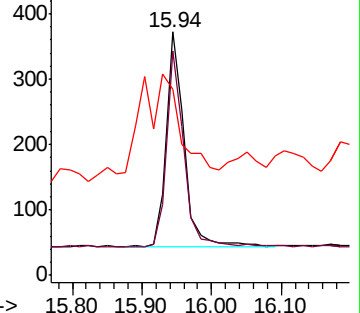
141 0.0 31.0 46.4#



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: 0.400 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

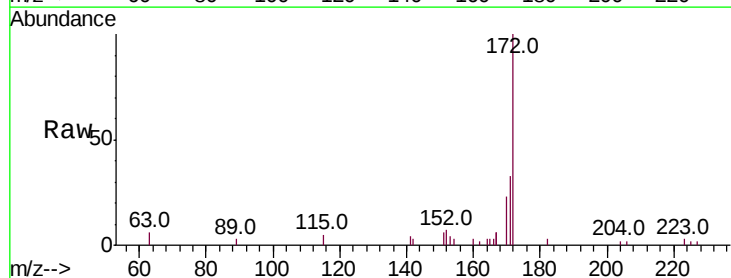
Tgt Ion:172 Resp: 3984

Ion Ratio Lower Upper

172 100

171 32.9 28.0 42.0

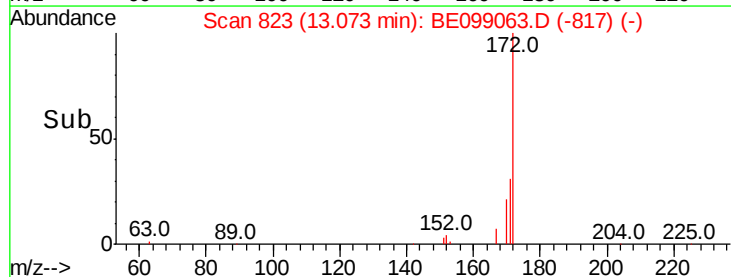
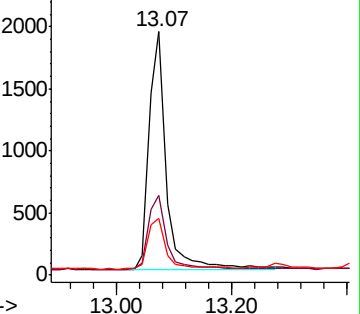
170 23.2 17.7 26.5

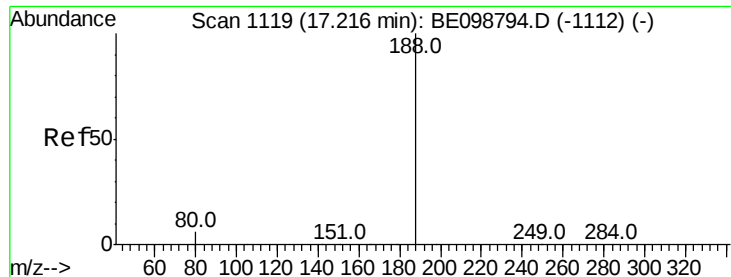


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190316

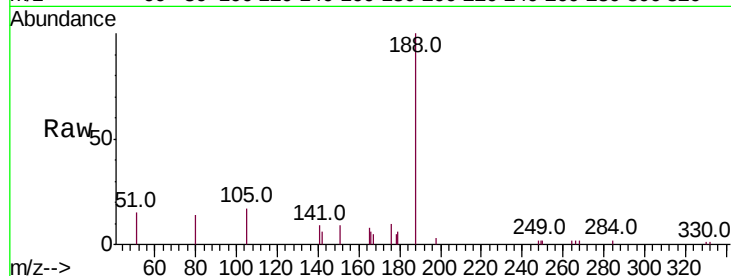
Tot Ion:188 Resp: 5383

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

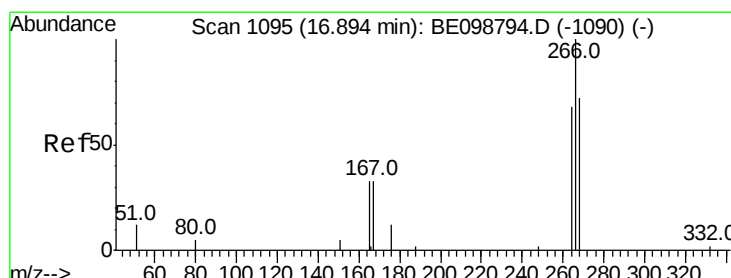
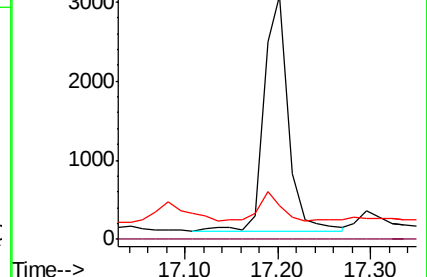
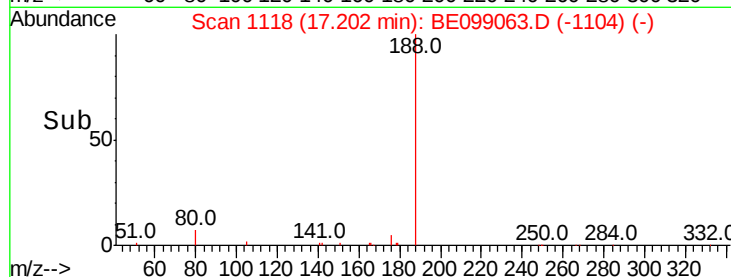
80 13.7 6.3 9.5#



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: 0.279 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

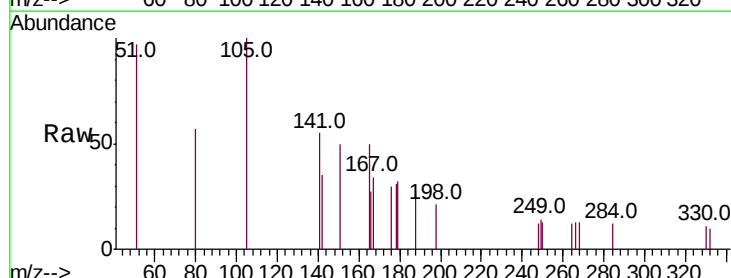
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 91.1 66.6 100.0

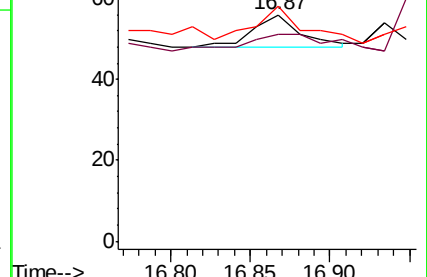
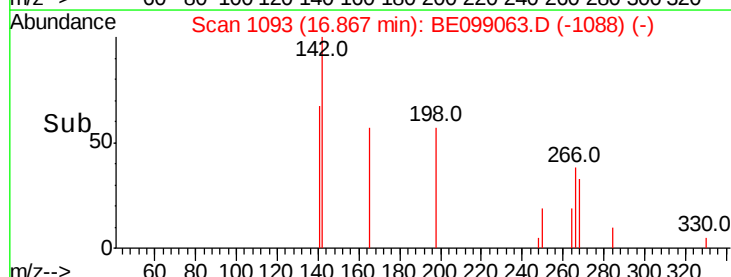
268 103.6 69.8 104.8

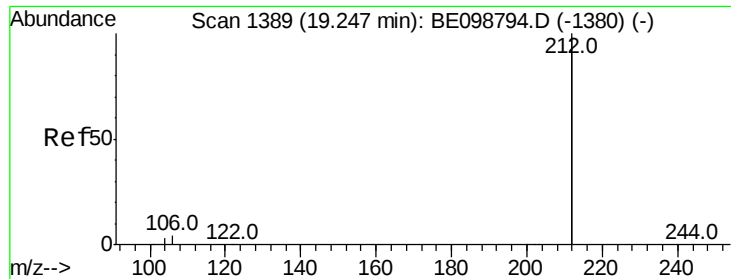


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190316

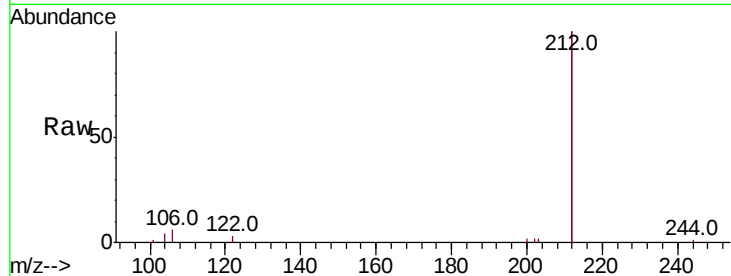
Tot Ion:212 Resp: 30434

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

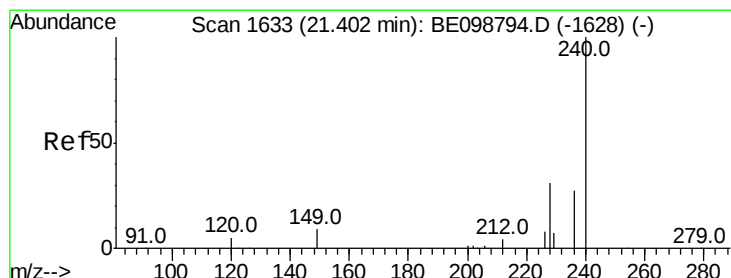
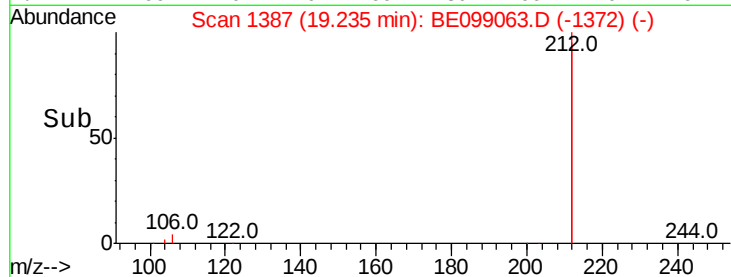
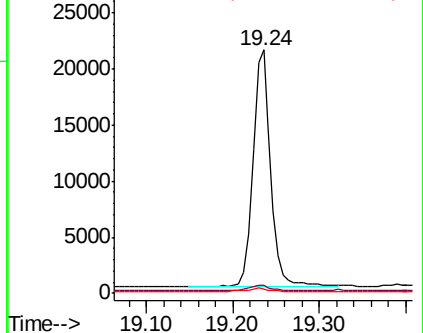
104 1.6 1.0 1.6



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: BE099063.D

Acq: 20 Mar 2019 8:55

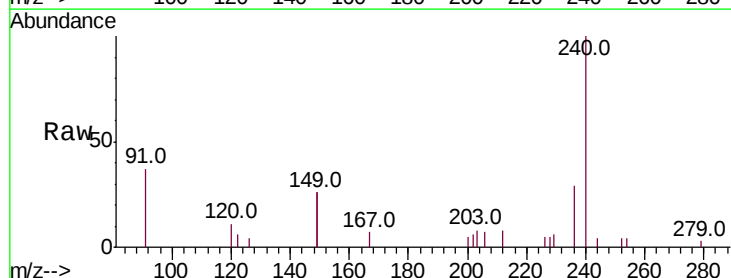
Tgt Ion:240 Resp: 6144

Ion Ratio Lower Upper

240 100

120 11.3 5.0 7.4#

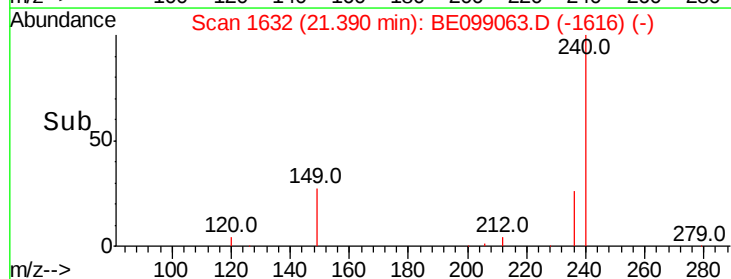
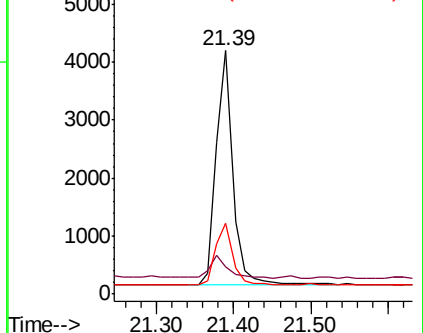
236 29.1 22.7 34.1

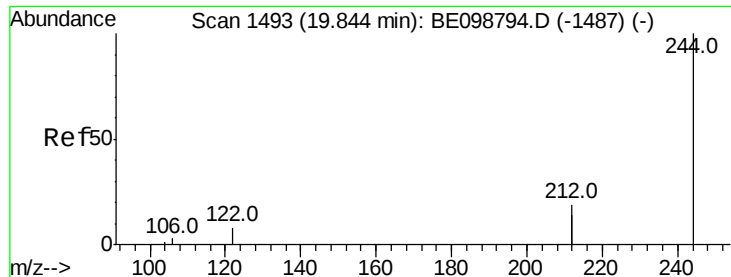


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.363 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190316

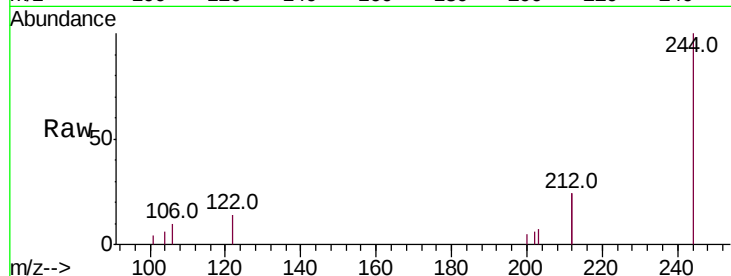
Tot Ion:244 Resp: 5425

Ion Ratio Lower Upper

244 100

212 48.1 29.4 44.2#

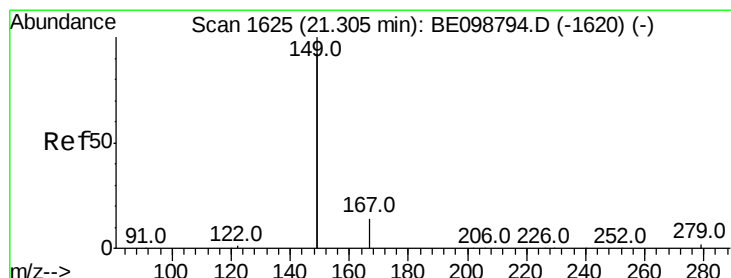
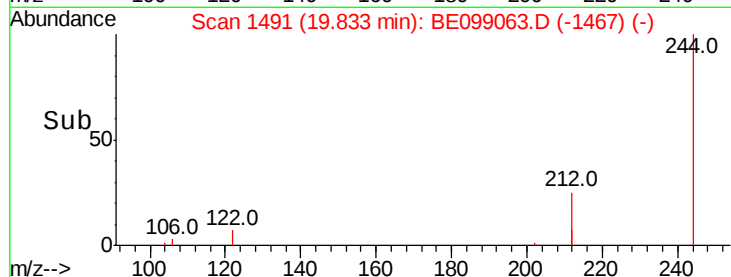
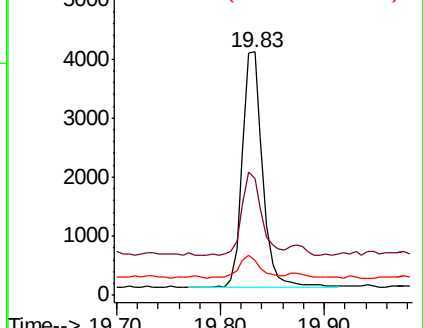
122 14.5 7.1 10.7#



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: 0.078 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099063.D

Acq: 20 Mar 2019 8:55

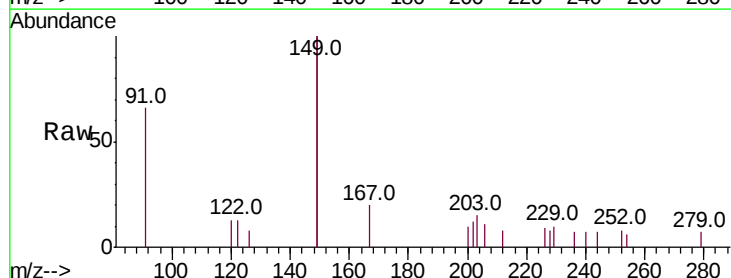
Tgt Ion:149 Resp: 3171

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

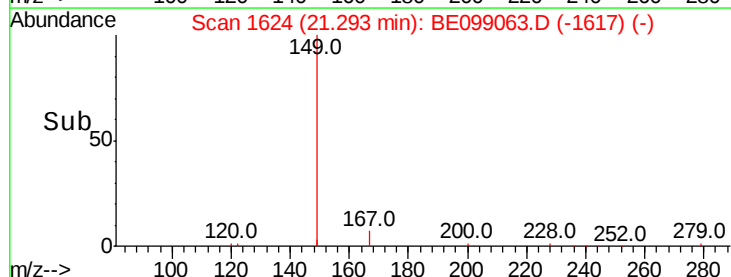
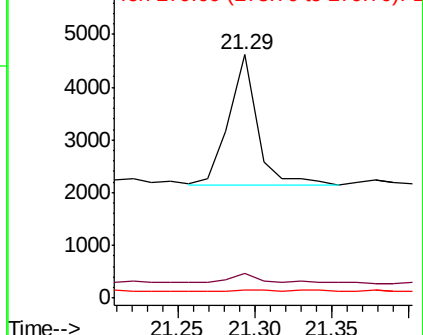
279 1.9 1.0 1.4#

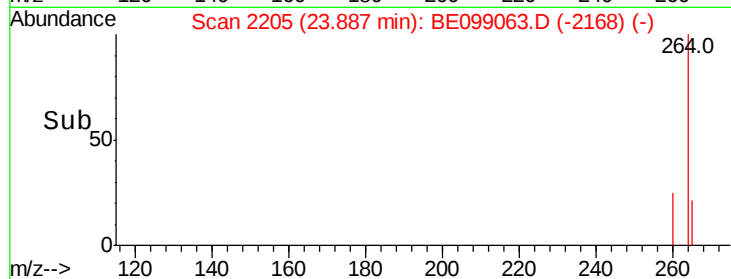
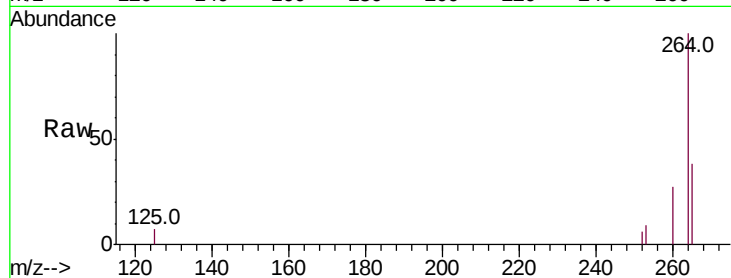
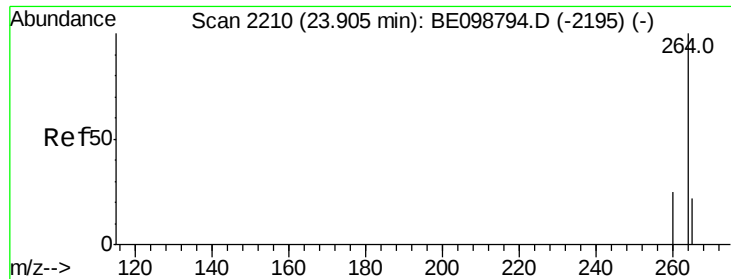


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE099063.D
 Acq: 20 Mar 2019 8:55

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190316

Tot Ion: 264 Resp: 6071
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 38.2 24.6 36.8#

