

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099057.D
 Acq On : 20 Mar 2019 5:11
 Operator : JU/SJ
 Sample : K1963-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW04-20190314

Quant Time: Mar 20 06:34:57 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	7.78	152	918	0.40	ng	-0.01
7) Naphthalene-d8	10.57	136	3962	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2613	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6138	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7065	0.40	ng	-0.01
34) Perylene-d12	23.88	264	6684	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	554	0.20	ng	0.00
5) Phenol-d6	6.98	99	513	0.13	ng	-0.01
8) Nitrobenzene-d5	8.95	82	1628	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2927	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	711	0.54	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	4948	0.46	ng	-0.01
25) Fluoranthene-d10	19.24	212	36256	0.37	ng	-0.01
29) Terphenyl-d14	19.83	244	7216	0.42	ng	-0.02

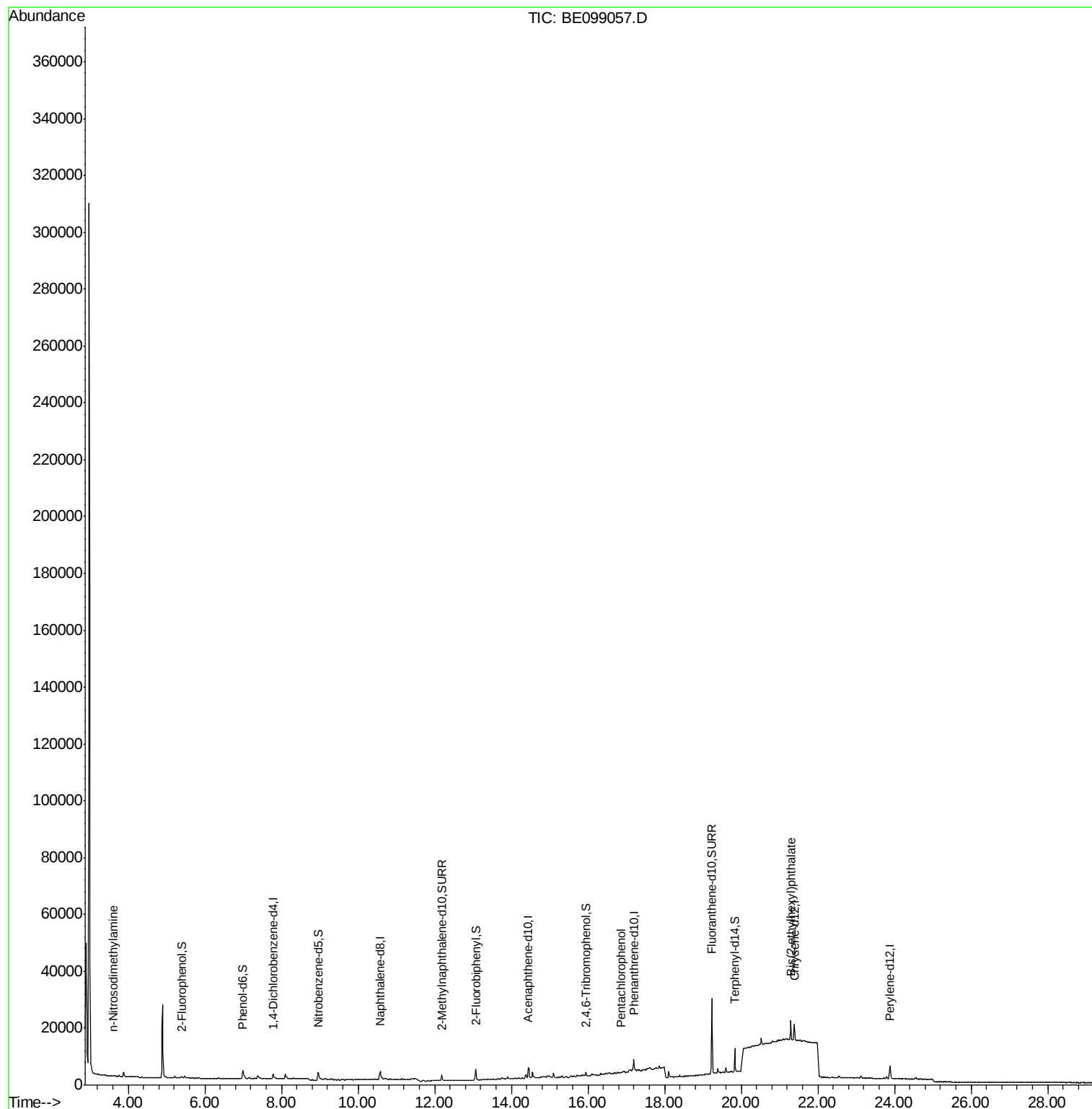
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	77	Below Cal	#	11
3) n-Nitrosodimethylamine	3.60	42	102	0.044 ng	#	14
22) Pentachlorophenol	16.87	266	67	0.314 ng		93
32) Bis(2-ethylhexyl)phthalate	21.29	149	8123	0.173 ng	#	92

(#) = 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: BE099057.D

Acq: 20 Mar 2019 5:11

Instrument :

BNA_E

ClientSampleId :

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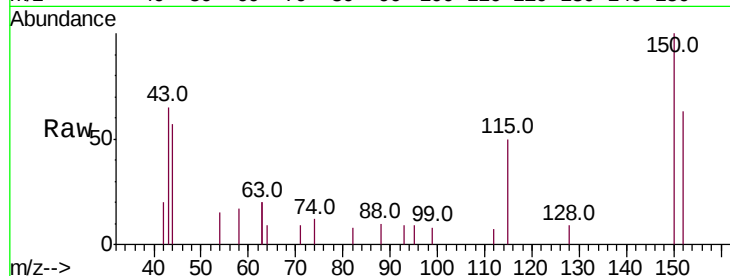
Tot Ion:152 Resp: 918

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

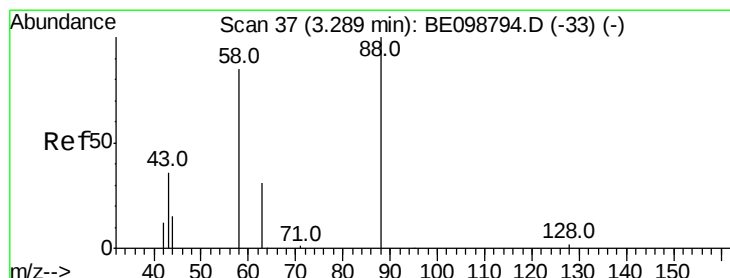
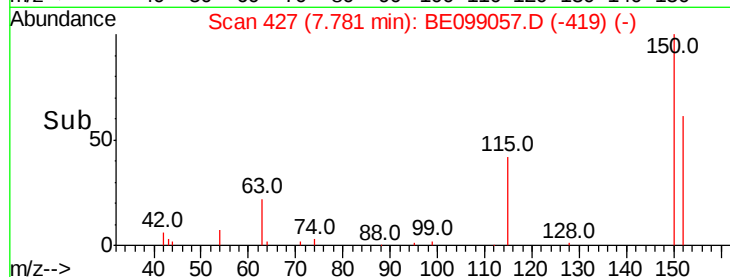
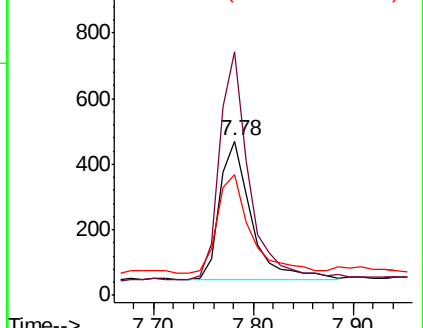
115 78.1 57.4 86.2



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: 3.30 min Scan# 38

Delta R.T. 0.01 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

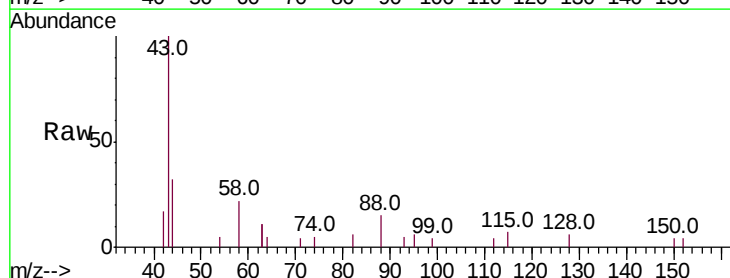
Tgt Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

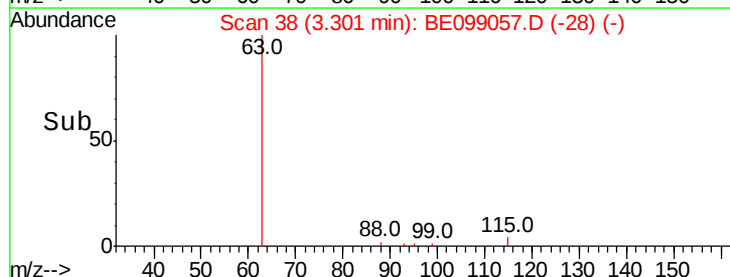
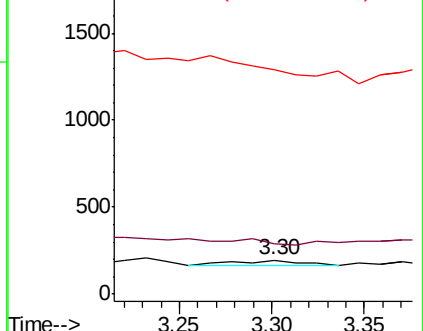
43 0.0 41.8 62.8#



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: 0.044 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.02 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

Instrument :

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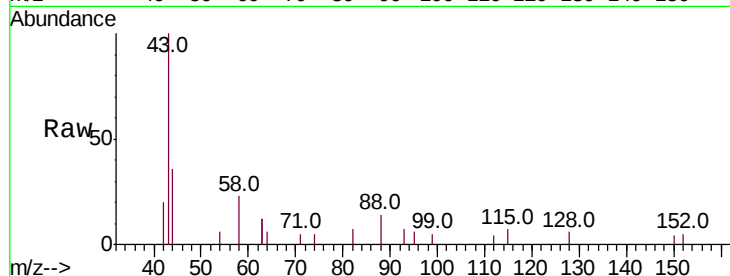
Tot Ion: 42 Resp: 102

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

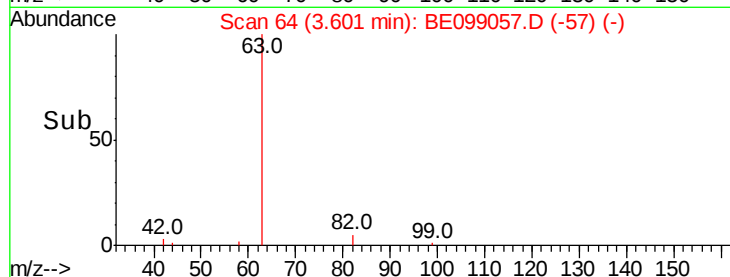
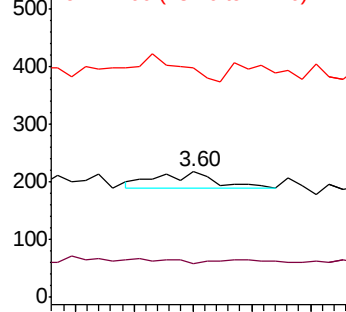
44 0.0 0.0 0.0



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: 0.202 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

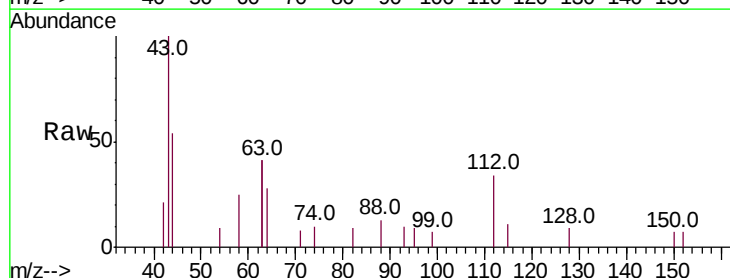
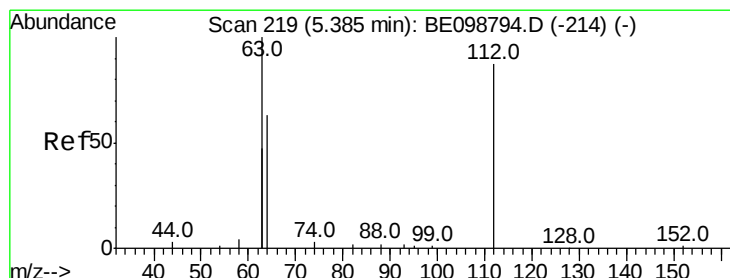
Tgt Ion: 112 Resp: 554

Ion Ratio Lower Upper

112 100

64 91.0 57.9 86.9#

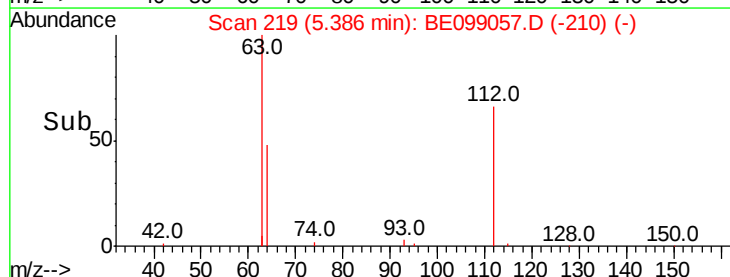
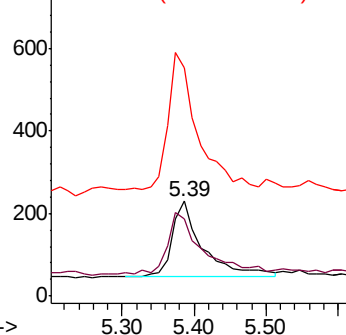
63 171.7 158.3 237.5

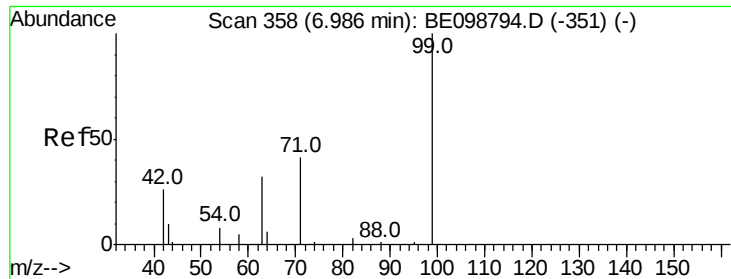


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.132 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20190314

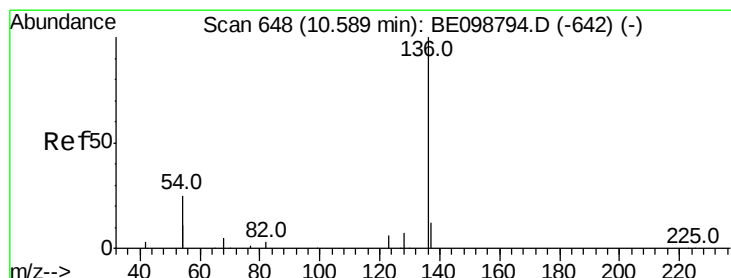
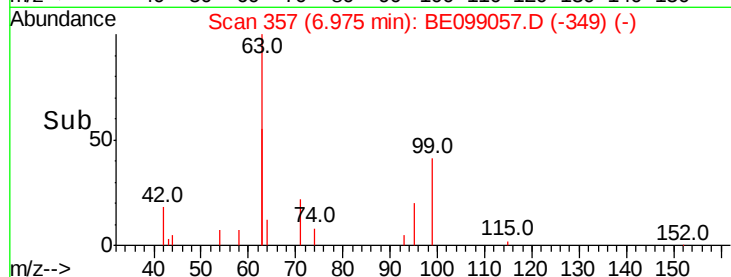
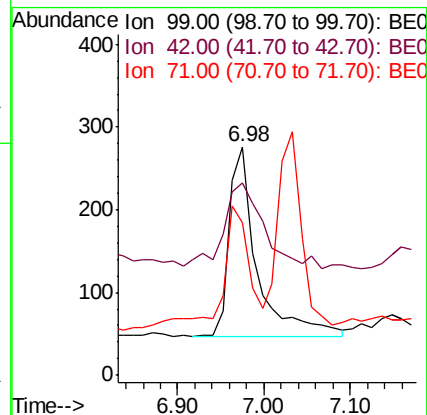
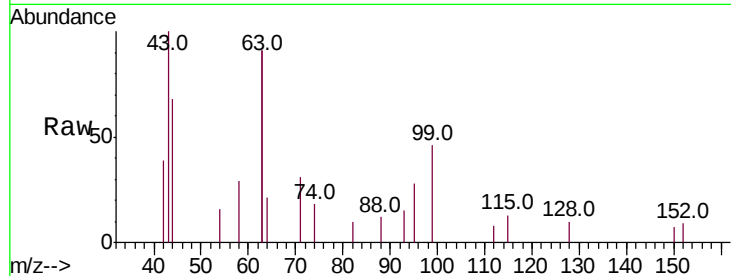
Tot Ion: 99 Resp: 513

Ion Ratio Lower Upper

99 100

42 67.6 24.2 36.2#

71 46.6 35.7 53.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

Tgt Ion: 136 Resp: 3962

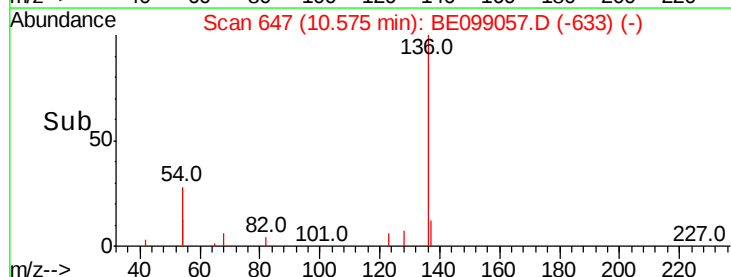
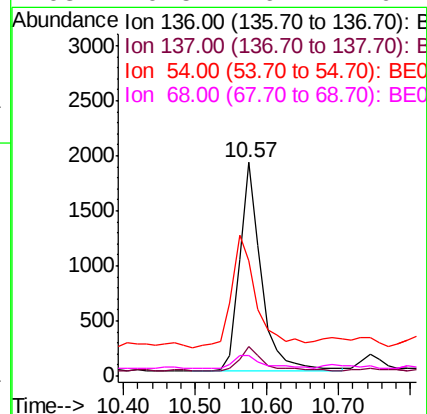
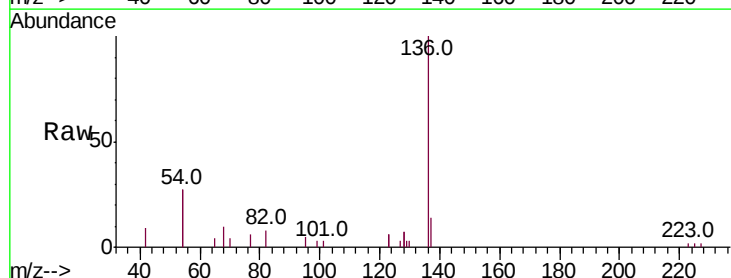
Ion Ratio Lower Upper

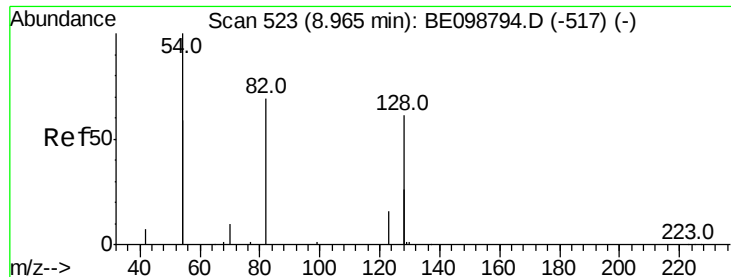
136 100

137 13.9 11.4 17.0

54 54.0 39.3 58.9

68 9.5 6.7 10.1





#8

Nitrobenzene-d5

Concen: 0.392 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20190314

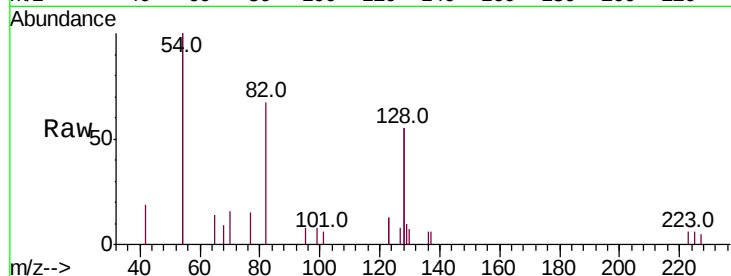
Tot Ion: 82 Resp: 1628

Ion Ratio Lower Upper

82 100

128 164.9 123.8 185.8

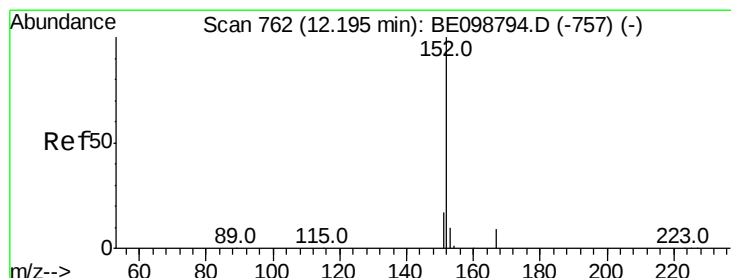
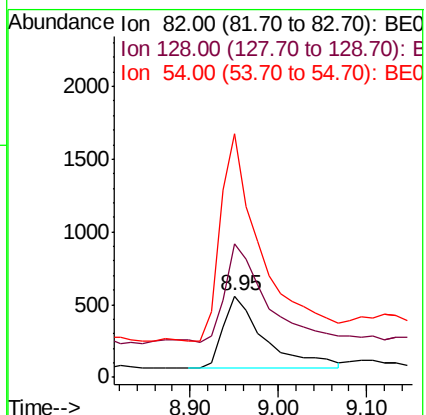
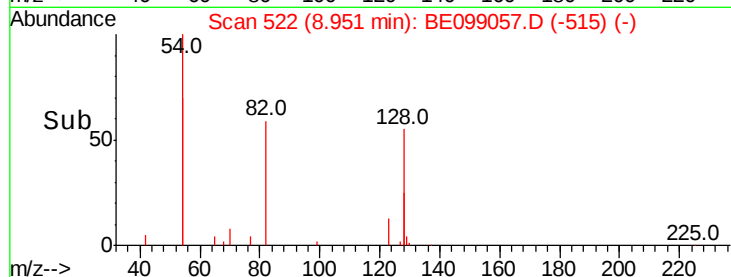
54 299.5 203.4 305.2



Abundance Ion 82.00 (81.70 to 82.70): BE098794.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE098794.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE098794.D (-517) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.01 min

Lab File: BE099057.D

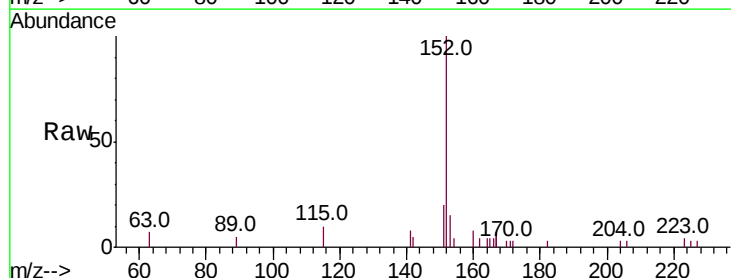
Acq: 20 Mar 2019 5:11

Tgt Ion: 152 Resp: 2927

Ion Ratio Lower Upper

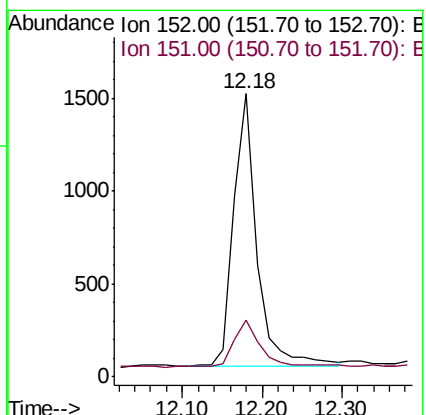
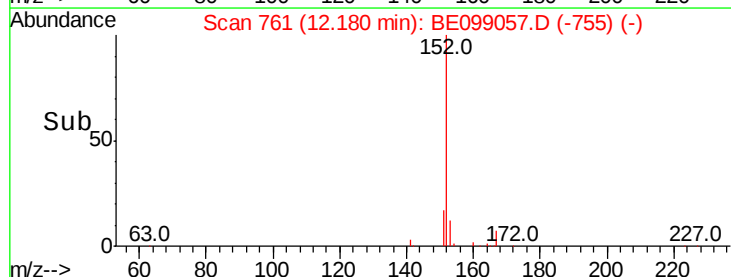
152 100

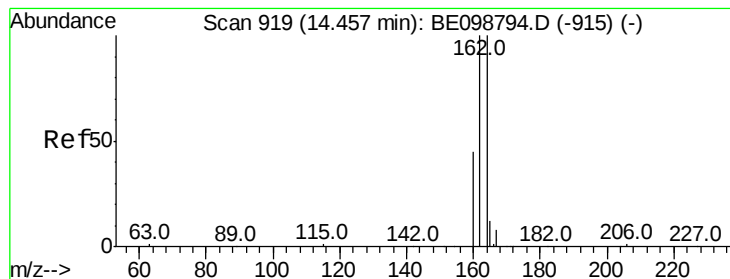
151 19.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): BE098794.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE098794.D (-757) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.01 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20190314

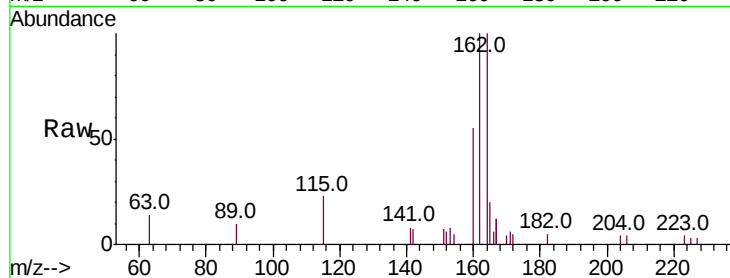
Tot Ion:164 Resp: 2613

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

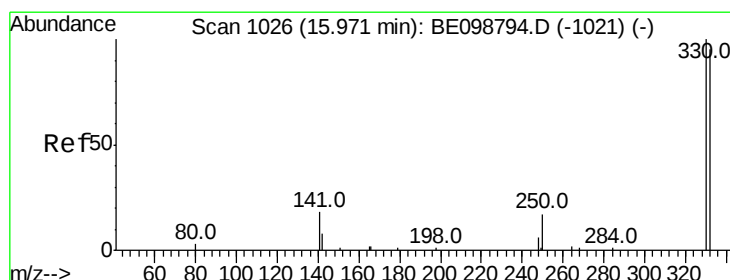
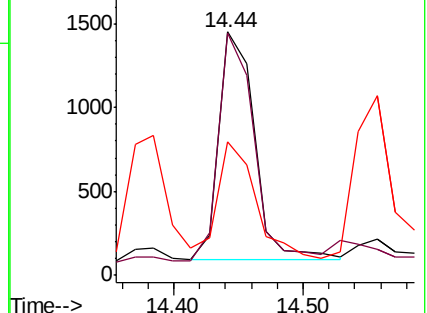
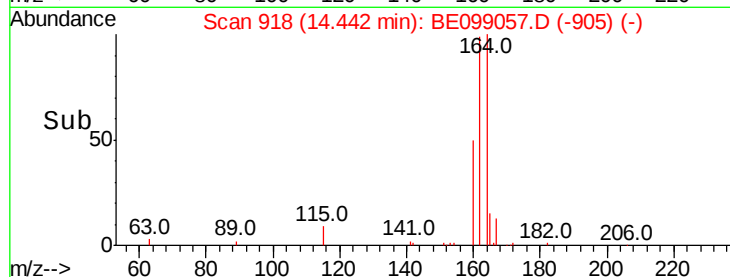
160 54.7 37.8 56.8



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

2,4,6-Tribromophenol

Concen: 0.539 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE099057.D

Acq: 20 Mar 2019 5:11

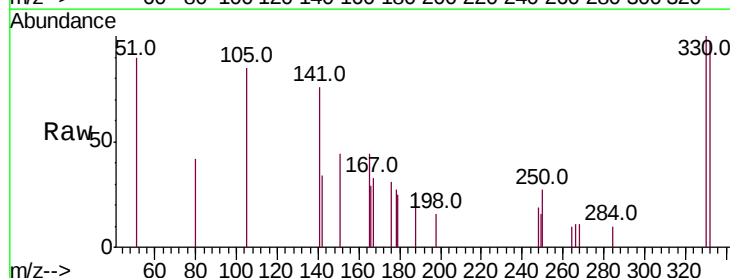
Tgt Ion:330 Resp: 711

Ion Ratio Lower Upper

330 100

332 99.7 77.6 116.4

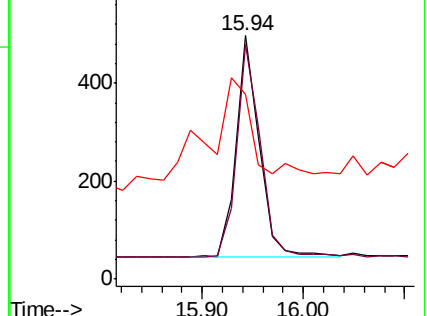
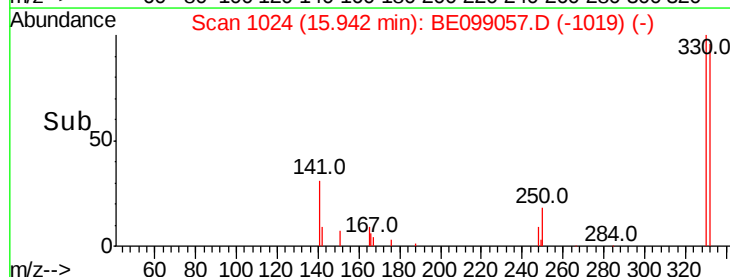
141 64.8 31.0 46.4#

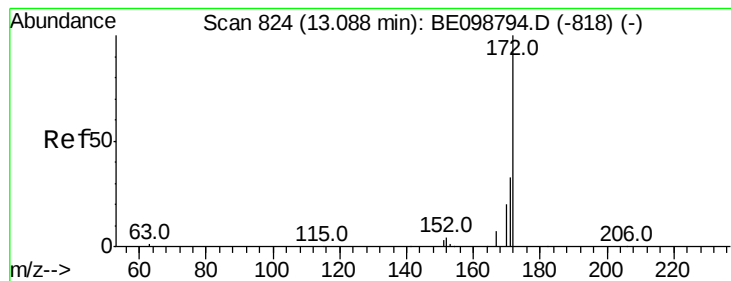


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

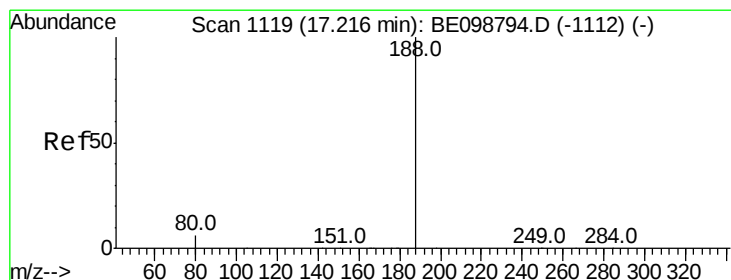
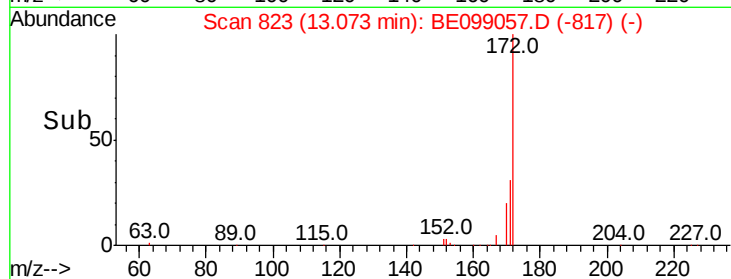
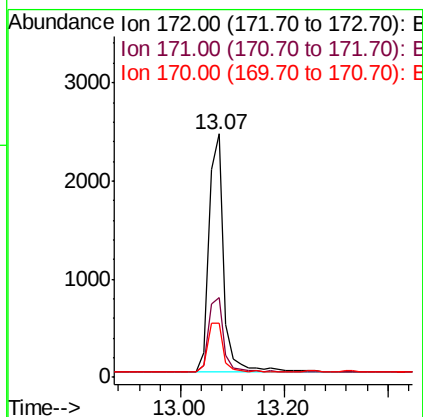
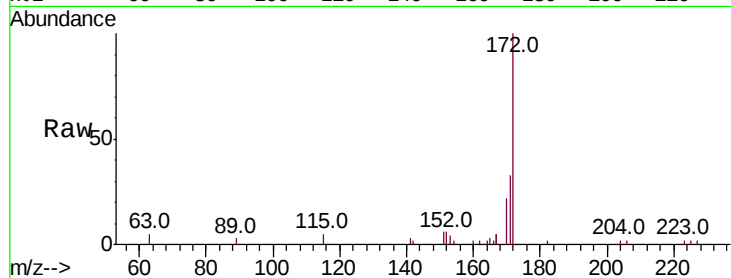




#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099057.D
Acq: 20 Mar 2019 5:11

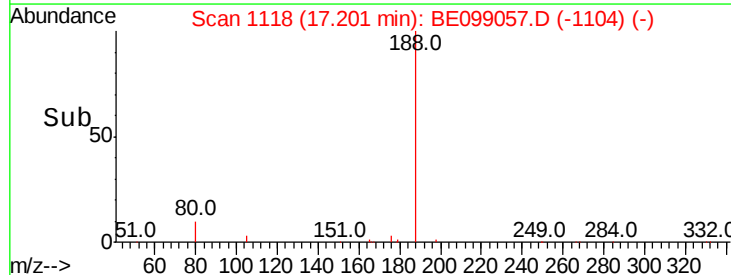
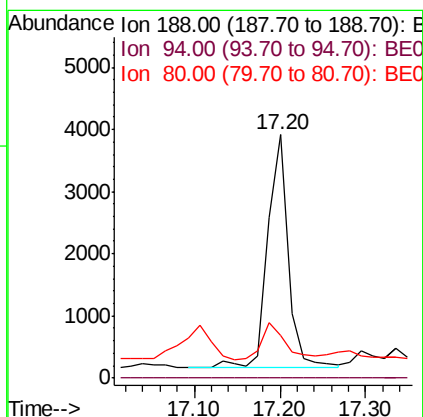
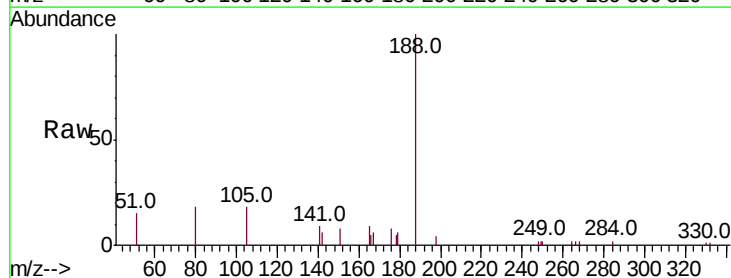
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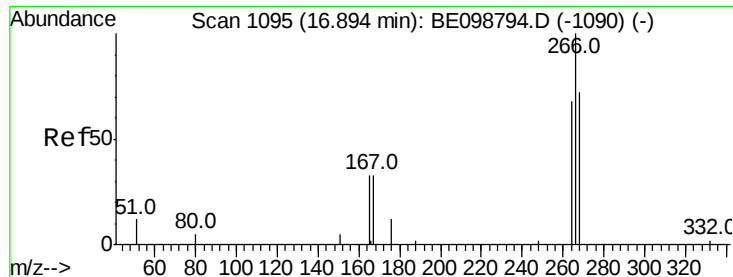
Tot Ion:172 Resp: 4948
Ion Ratio Lower Upper
172 100
171 32.6 28.0 42.0
170 22.1 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099057.D
Acq: 20 Mar 2019 5:11

Tgt Ion:188 Resp: 6138
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.7 6.3 9.5#

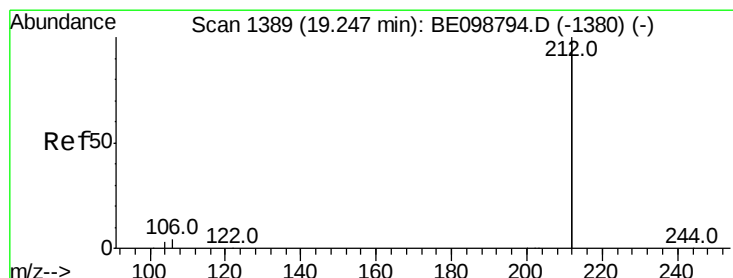
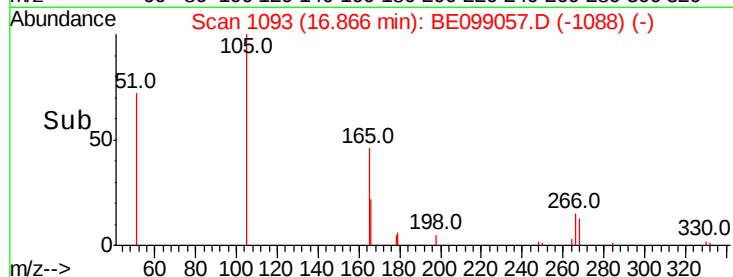
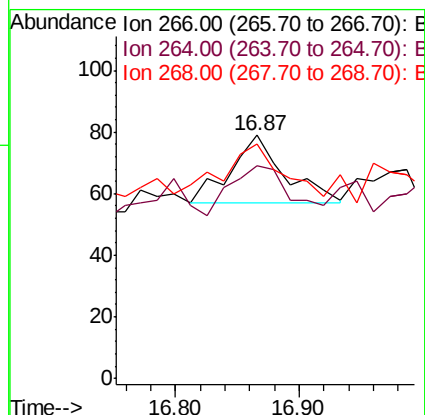
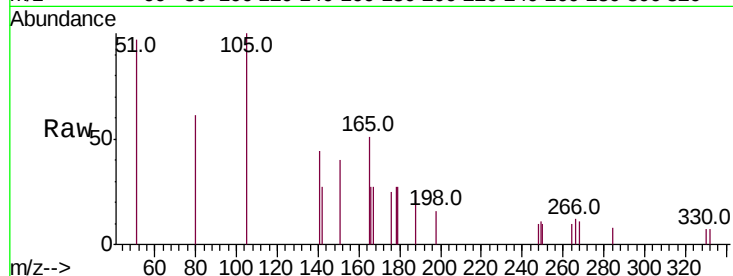




#22
 Pentachlorophenol
 Concen: 0.314 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.03 min
 Lab File: BE099057.D
 Acq: 20 Mar 2019 5:11

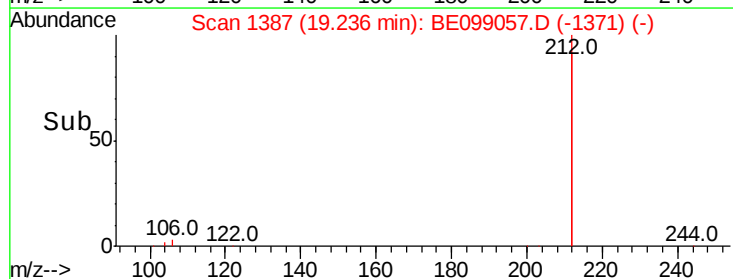
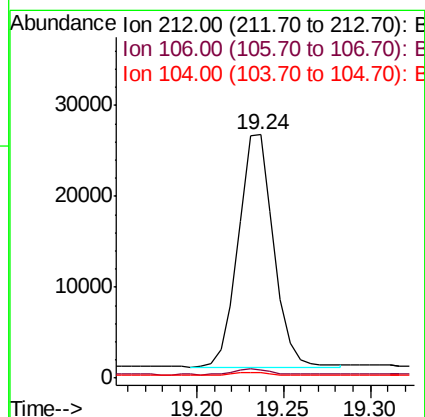
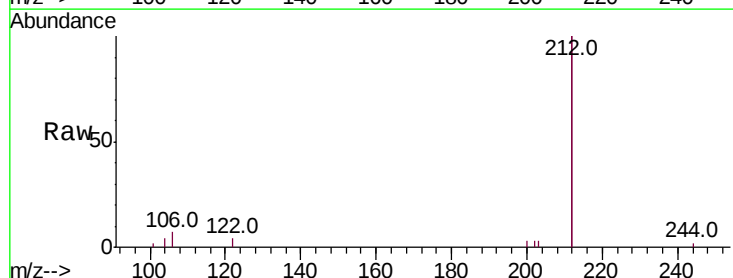
Instrument :
 BNA_E
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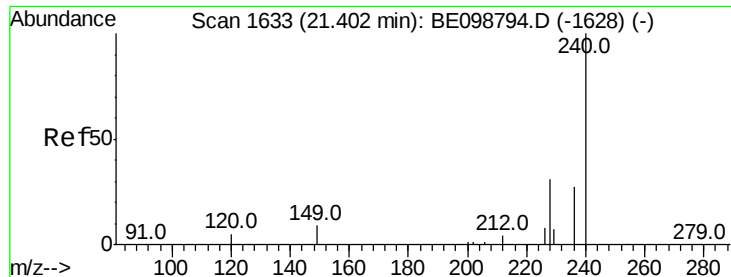
Tot Ion:266 Resp: 67
 Ion Ratio Lower Upper
 266 100
 264 87.3 66.6 100.0
 268 96.2 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE099057.D
 Acq: 20 Mar 2019 5:11

Tgt Ion:212 Resp: 36256
 Ion Ratio Lower Upper
 212 100
 106 2.7 1.8 2.8
 104 2.0 1.0 1.6#

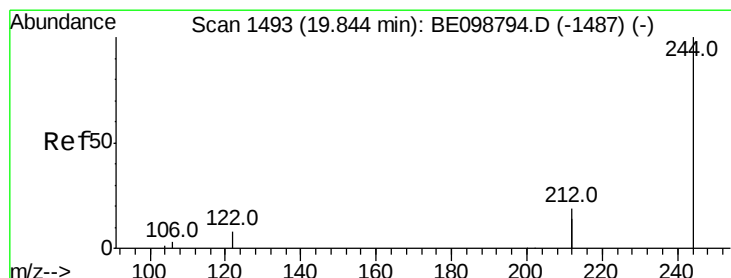
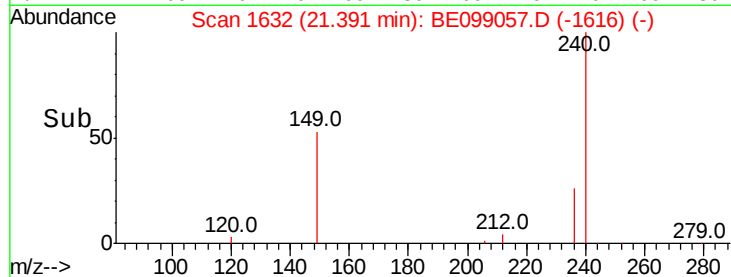
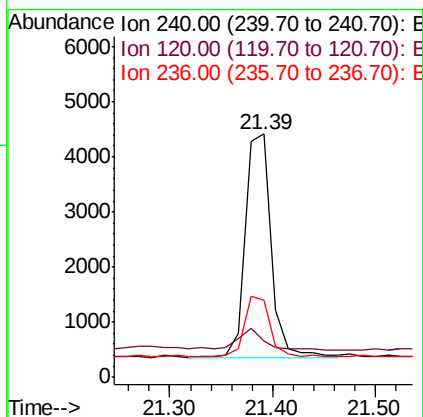
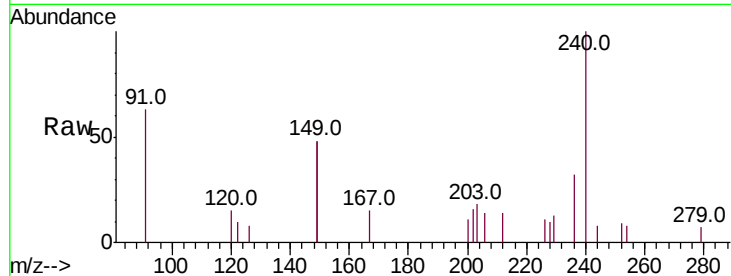




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099057.D
Acq: 20 Mar 2019 5:11

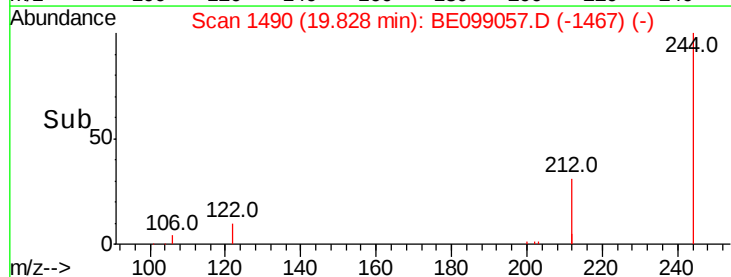
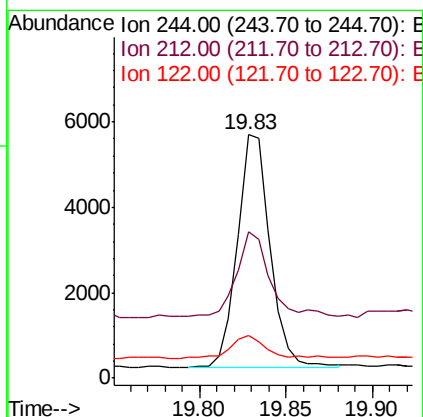
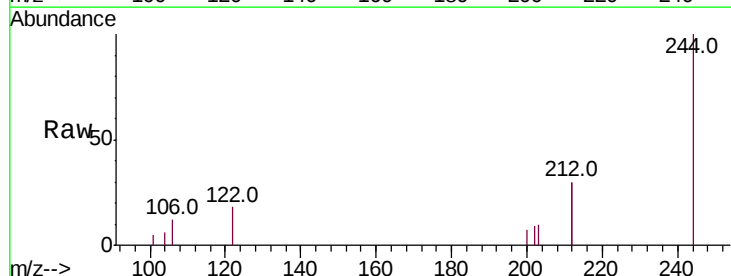
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW04-20190314

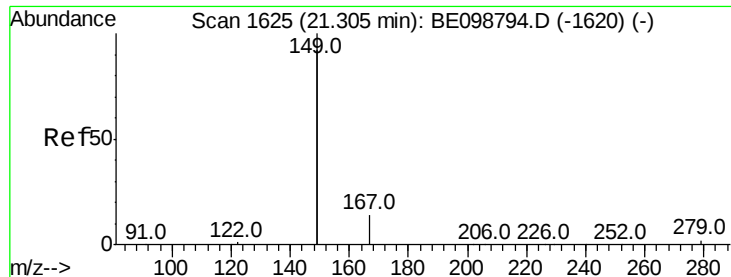
Tot Ion:240 Resp: 7065
Ion Ratio Lower Upper
240 100
120 14.7 5.0 7.4#
236 31.8 22.7 34.1



#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BE099057.D
Acq: 20 Mar 2019 5:11

Tgt Ion:244 Resp: 7216
Ion Ratio Lower Upper
244 100
212 60.1 29.4 44.2#
122 17.5 7.1 10.7#

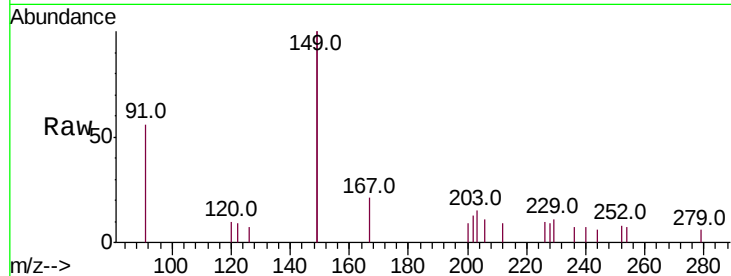




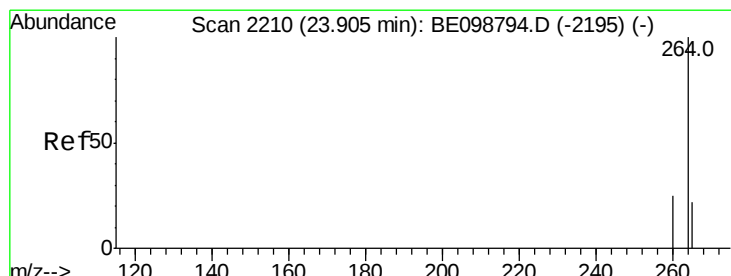
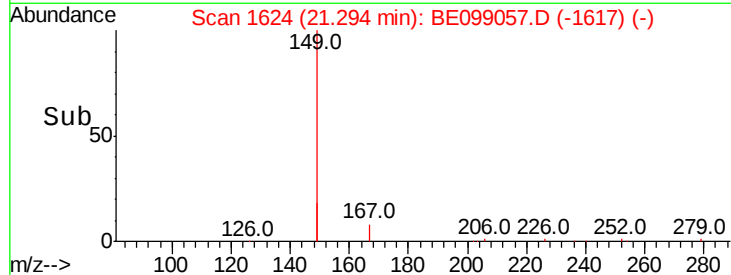
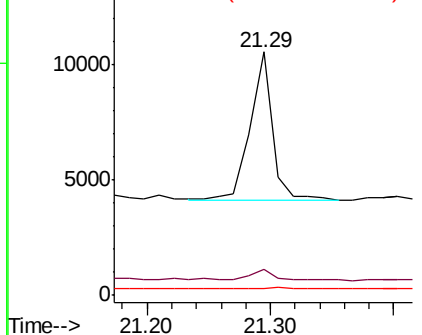
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099057.D
 Acq: 20 Mar 2019 5:11

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW04-20190314

Tot Ion:149 Resp: 8123
 Ion Ratio Lower Upper
 149 100
 167 9.9 5.4 8.0#
 279 1.3 1.0 1.4

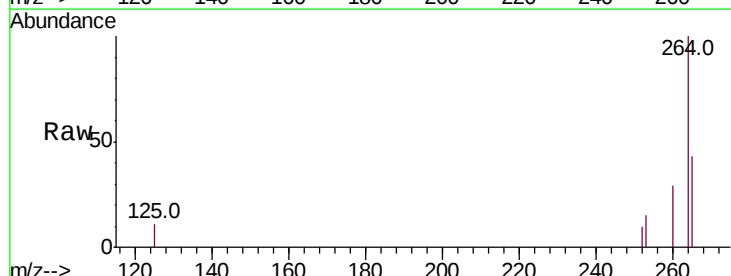


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BE099057.D
 Acq: 20 Mar 2019 5:11

Tgt Ion:264 Resp: 6684
 Ion Ratio Lower Upper
 264 100
 260 29.3 21.2 31.8
 265 43.3 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

