

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098960.D
 Acq On : 15 Mar 2019 1:26
 Operator : JU/SJ
 Sample : K1900-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190312

Quant Time: Mar 15 05:33:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	724	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3258	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2313	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5727	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6401	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6190	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	395	0.18	ng	0.03
5) Phenol-d6	7.00	99	252	0.08	ng	0.01
8) Nitrobenzene-d5	9.02	82	1188	0.35	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2237	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	430	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4092	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	33289	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7116	0.46	ng	0.00

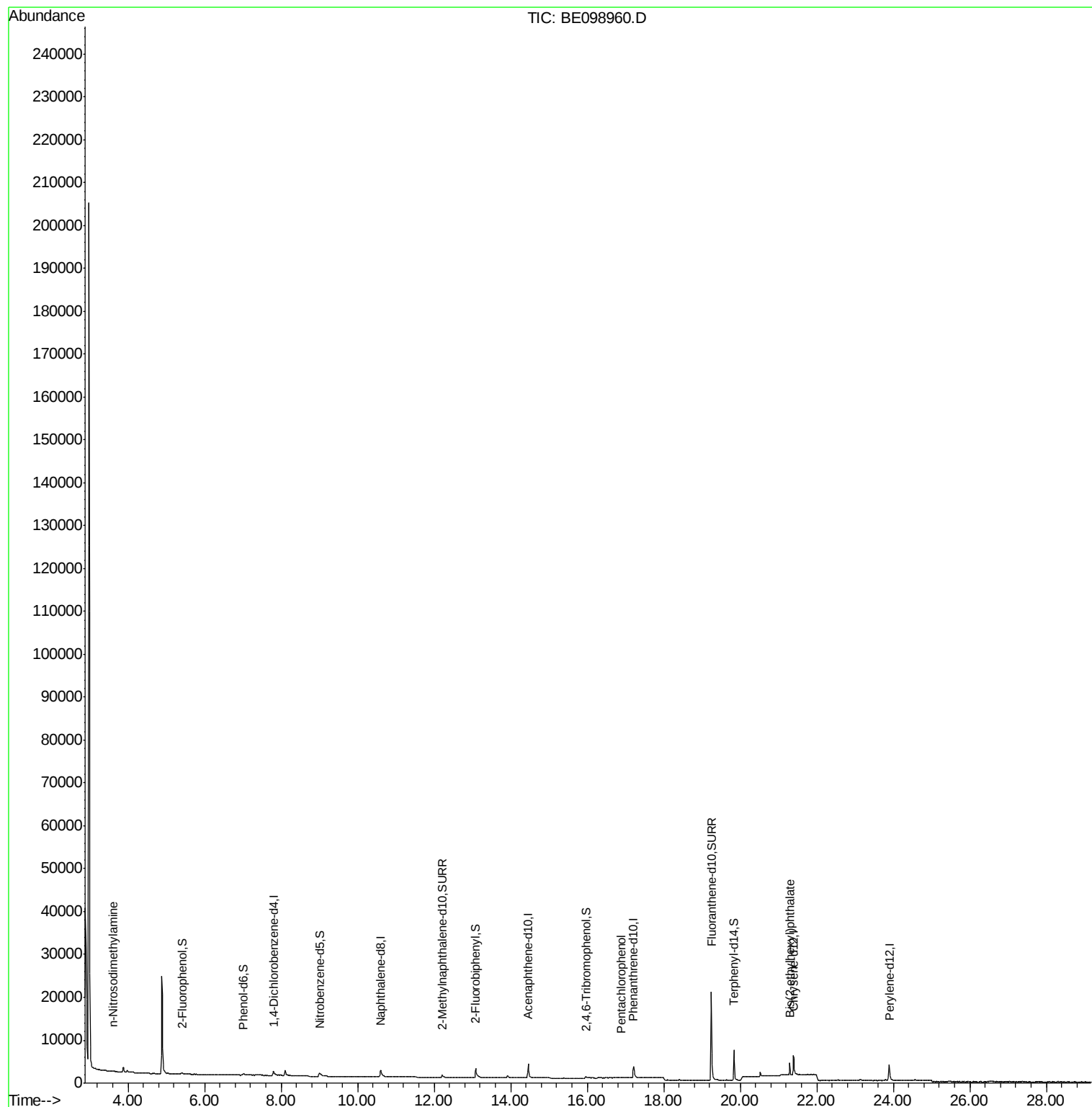
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	43	Below Cal	#	11
3) n-Nitrosodimethylamine	3.61	42	40	0.022 ng	#	14
22) Pentachlorophenol	16.89	266	6	0.269 ng		87
32) Bis(2-ethylhexyl)phthalate	21.29	149	3305	0.078 ng		100

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

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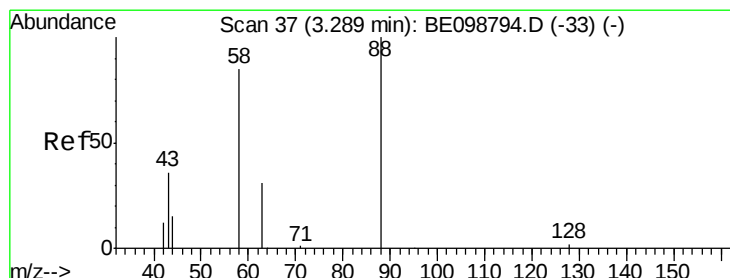
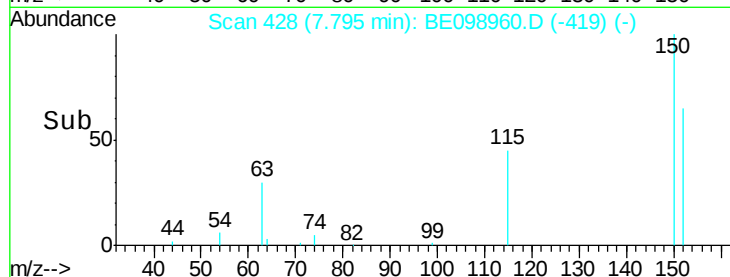
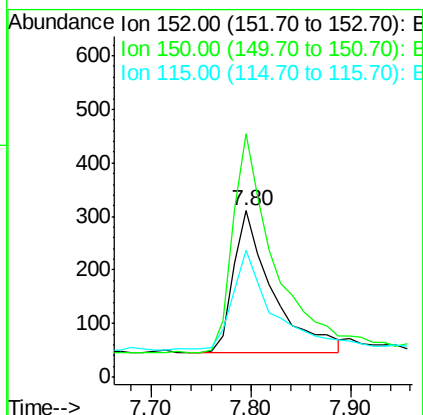
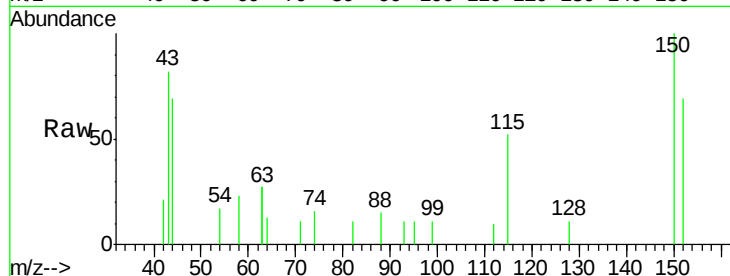


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20190312

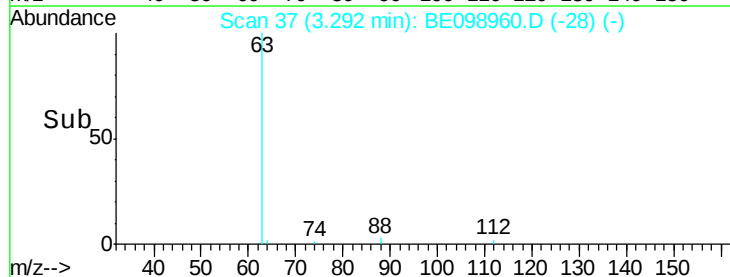
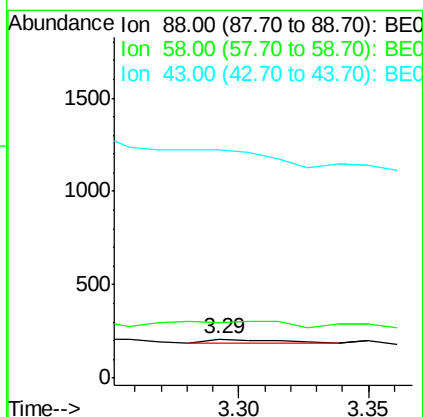
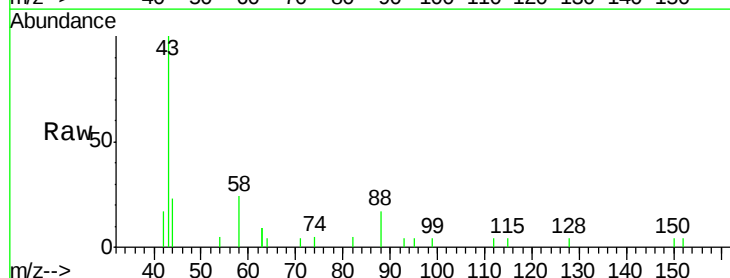
Tgt Ion: 152 Resp: 724
Ion Ratio Lower Upper
152 100
150 146.0 122.5 183.7
115 76.5 57.4 86.2



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 41.8 62.8#





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190312

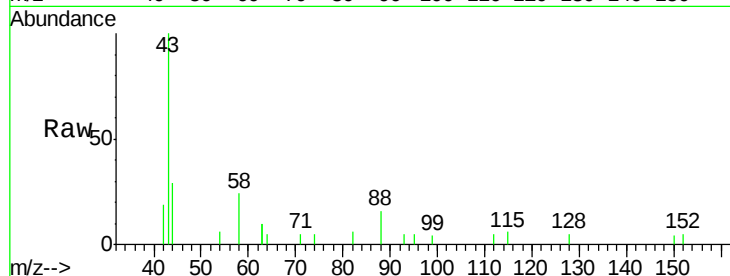
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 205.0 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

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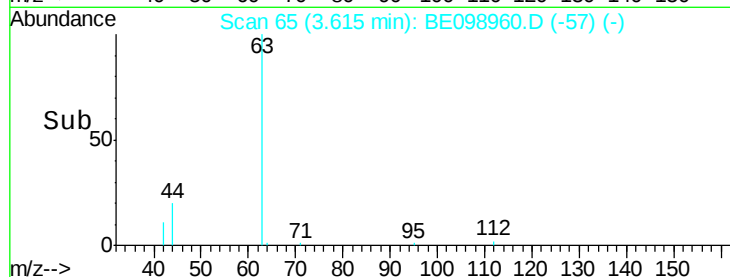
3.61

3.61

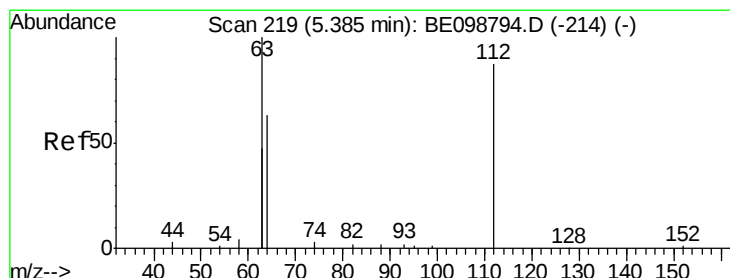
3.61

3.61

3.61



Time-->



#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

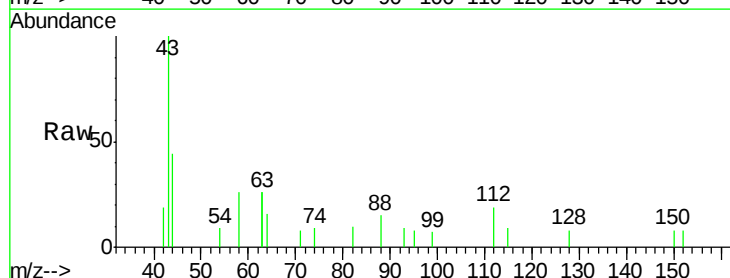
Tgt Ion: 112 Resp: 395

Ion Ratio Lower Upper

112 100

64 73.9 57.9 86.9

63 179.5 158.3 237.5



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

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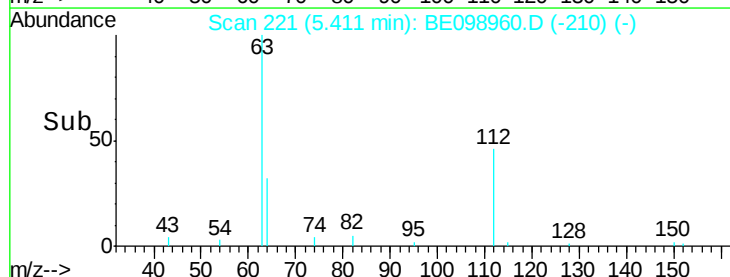
5.41

5.41

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5.41

5.41



Time-->



#5

Phenol-d6

Concen: 0.082 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190312

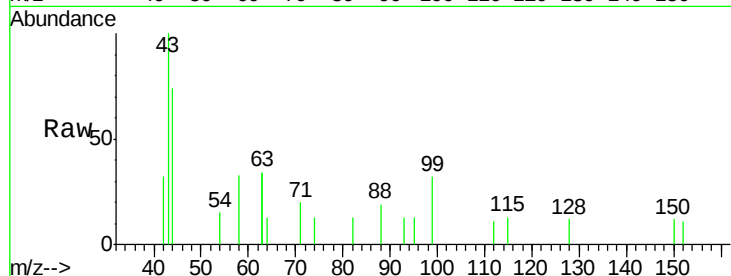
Tgt Ion: 99 Resp: 252

Ion Ratio Lower Upper

99 100

42 56.7 24.2 36.2#

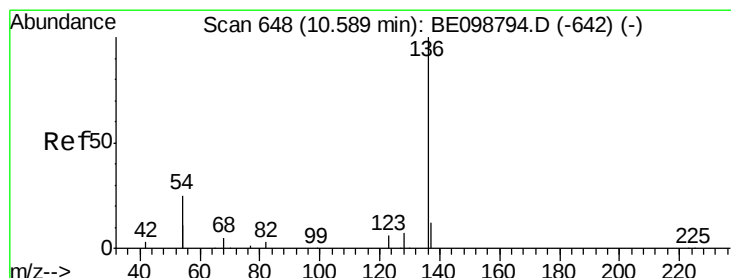
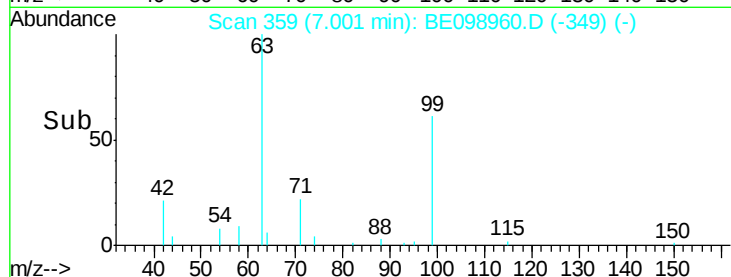
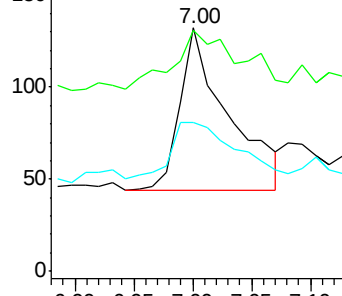
71 47.6 35.7 53.5



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Tgt Ion: 136 Resp: 3258

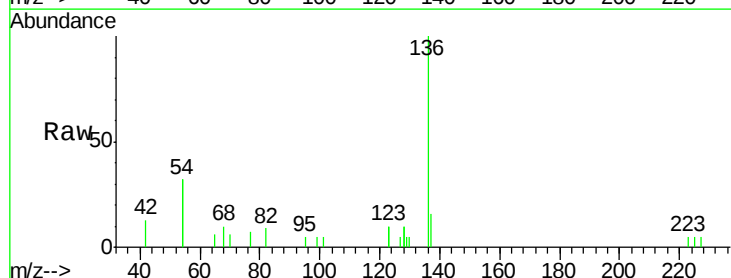
Ion Ratio Lower Upper

136 100

137 15.7 11.4 17.0

54 63.7 39.3 58.9#

68 9.7 6.7 10.1

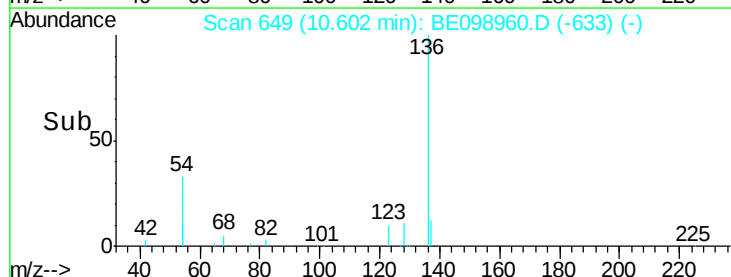
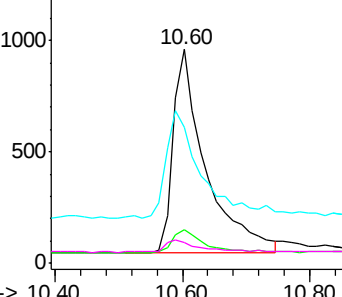


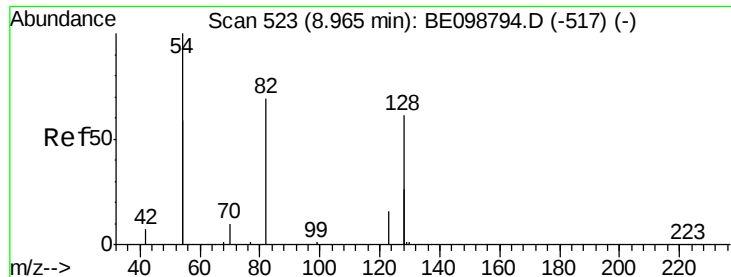
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Instrument :

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BP-TT-AOC22-MW06-20190312

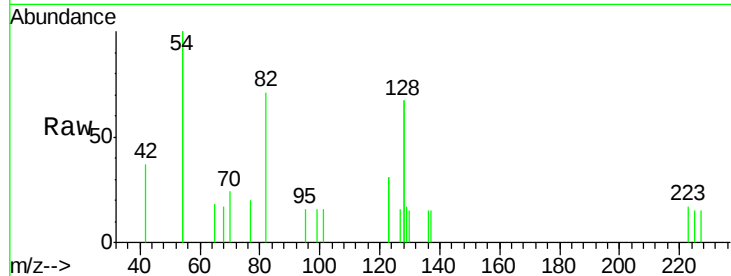
Tgt Ion: 82 Resp: 1188

Ion Ratio Lower Upper

82 100

128 188.7 123.8 185.8#

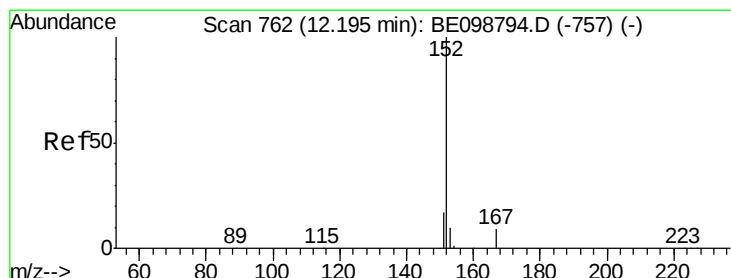
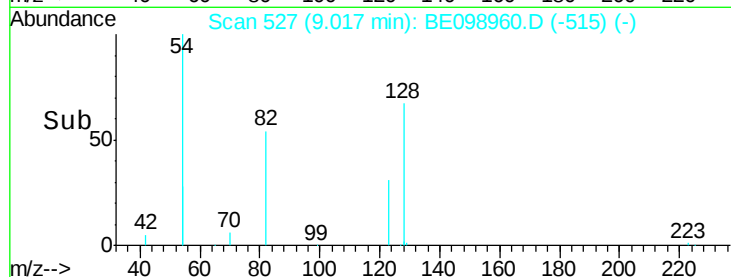
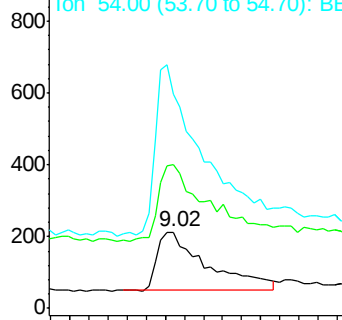
54 281.1 203.4 305.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098960.D

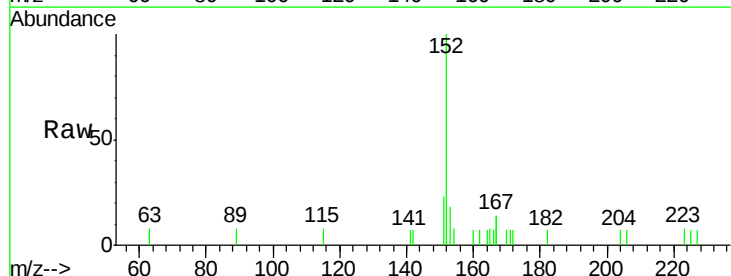
Acq: 15 Mar 2019 1:26

Tgt Ion: 152 Resp: 2237

Ion Ratio Lower Upper

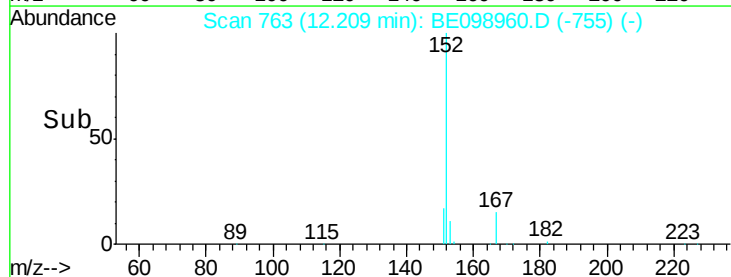
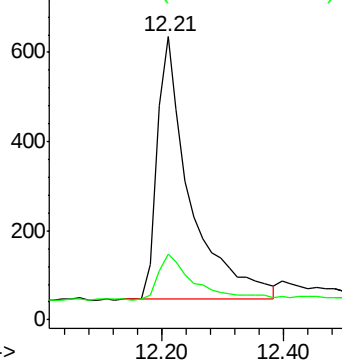
152 100

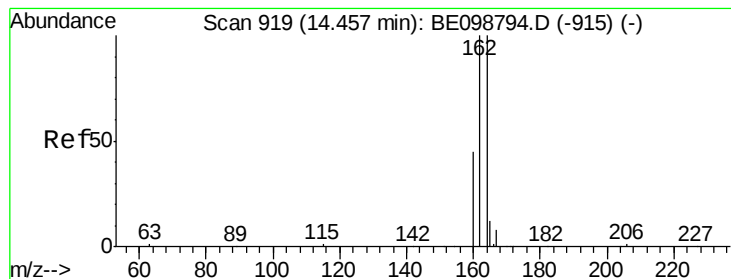
151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

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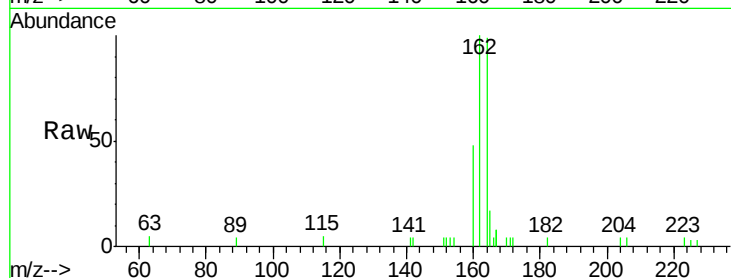
Tgt Ion:164 Resp: 2313

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

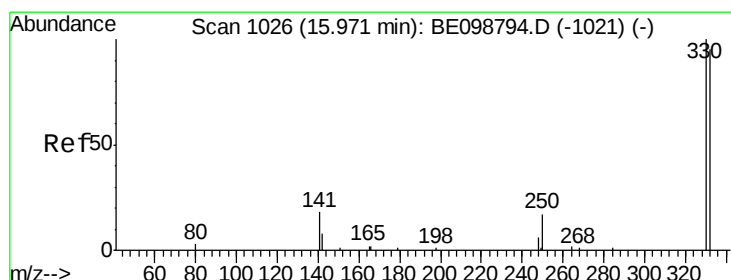
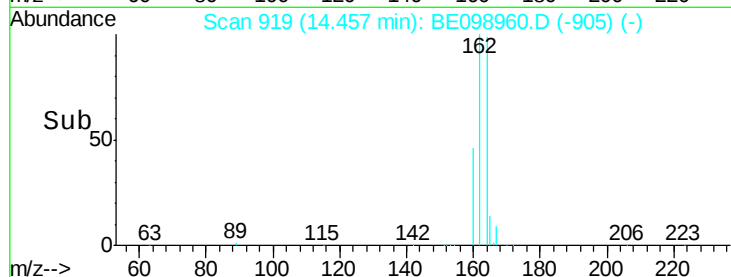
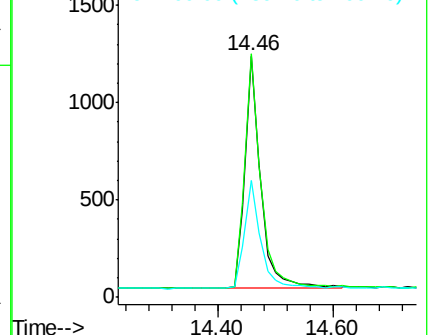
160 48.5 37.8 56.8



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: 0.368 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

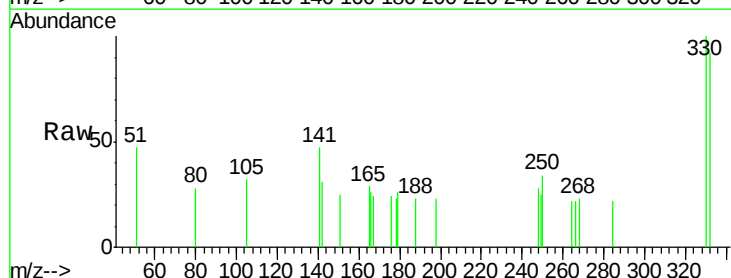
Tgt Ion:330 Resp: 430

Ion Ratio Lower Upper

330 100

332 94.2 77.6 116.4

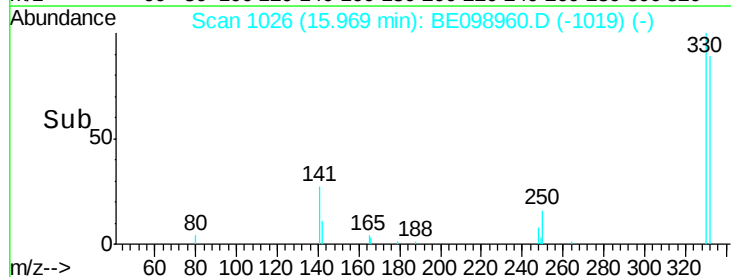
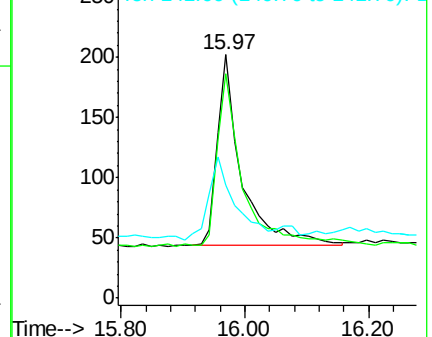
141 48.1 31.0 46.4#

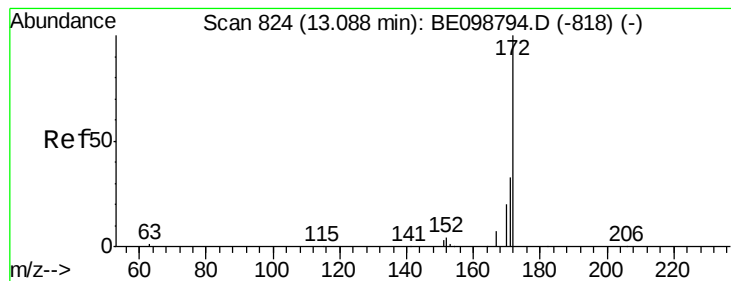


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

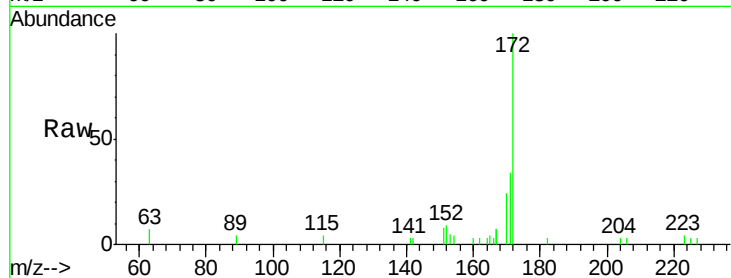




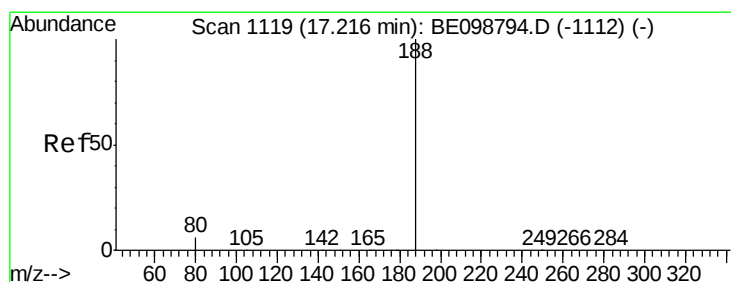
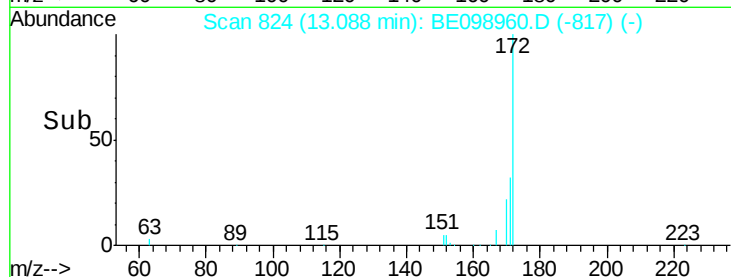
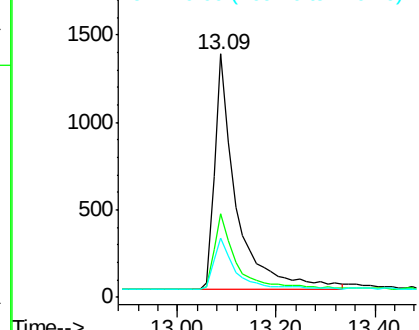
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

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Tgt Ion:172 Resp: 4092
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 24.3 17.7 26.5

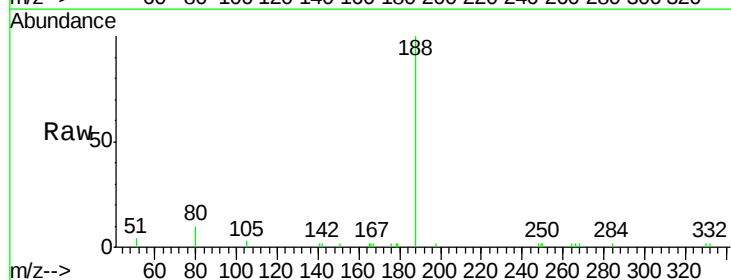


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

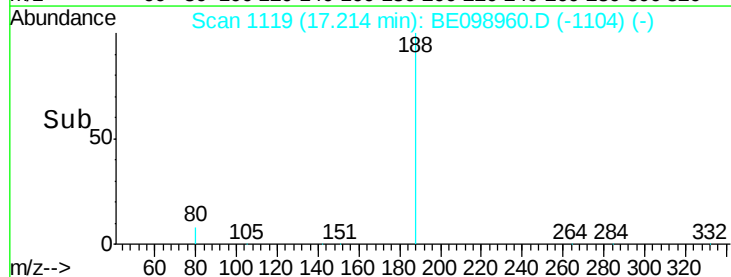
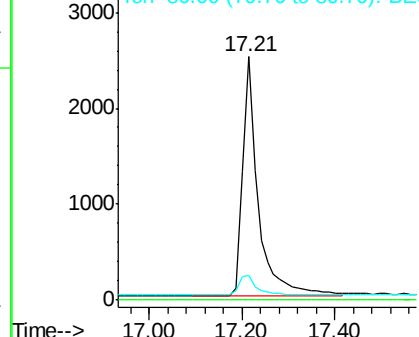


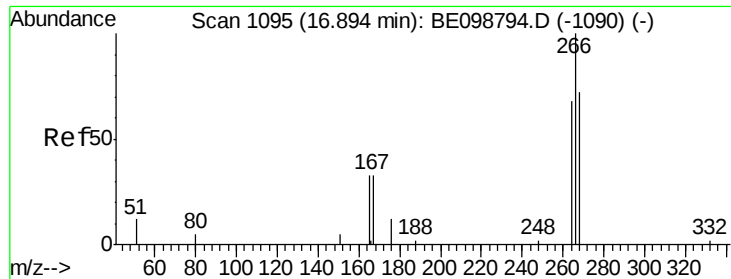
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098960.D
Acq: 15 Mar 2019 1:26

Tgt Ion:188 Resp: 5727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 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: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

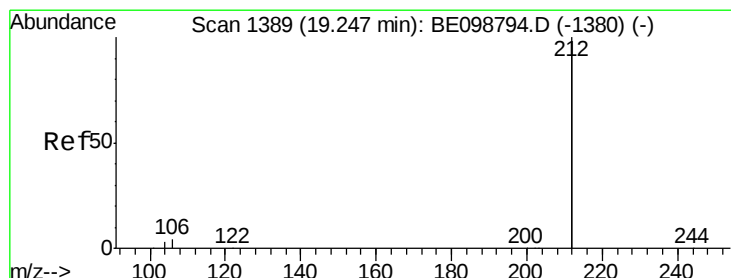
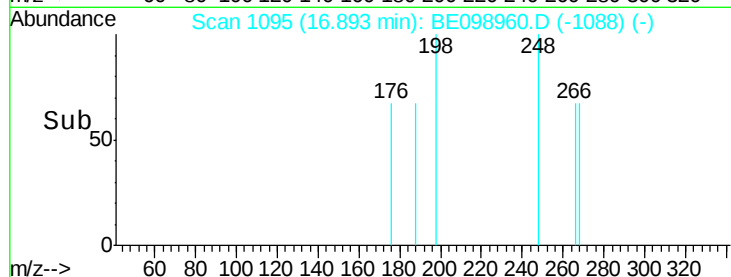
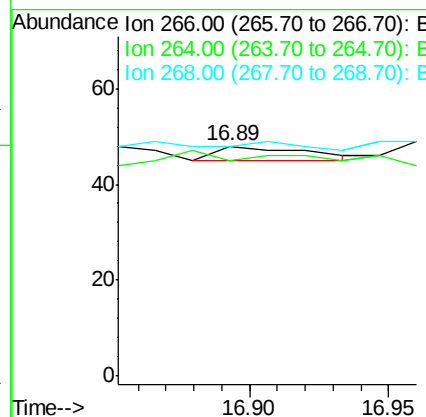
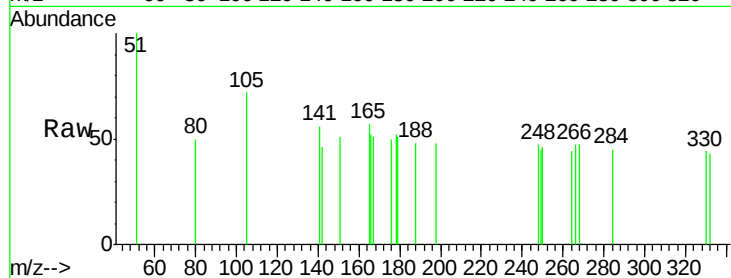
Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190312

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	93.8	66.6	100.0
268	100.0	69.8	104.8



#25

Fluoranthene-d10

Concen: 0.364 ng

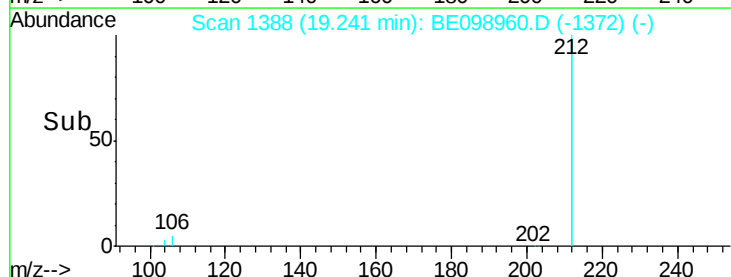
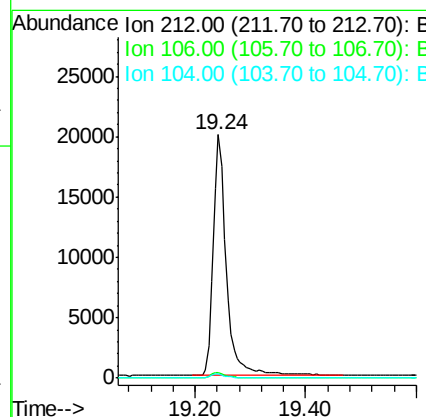
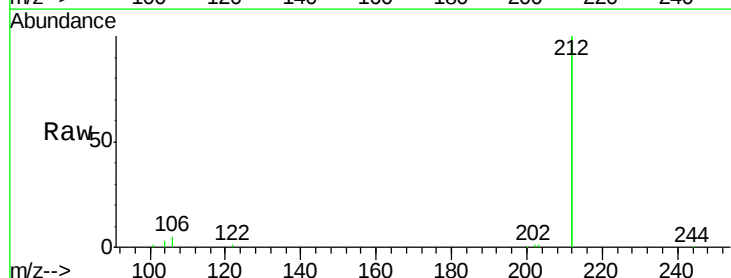
RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

Tgt Ion:	212	Resp:	33289
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	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: BE098960.D

Acq: 15 Mar 2019 1:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190312

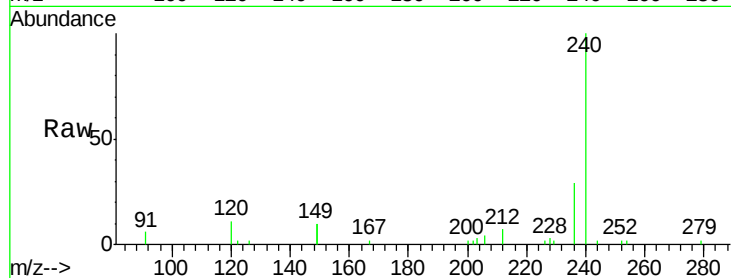
Tgt Ion:240 Resp: 6401

Ion Ratio Lower Upper

240 100

120 10.9 5.0 7.4#

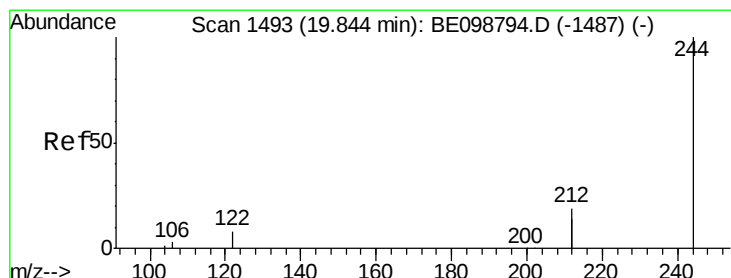
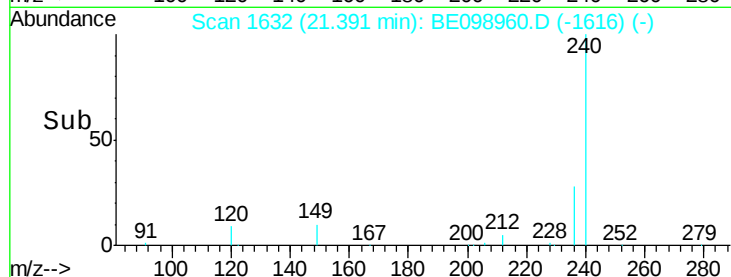
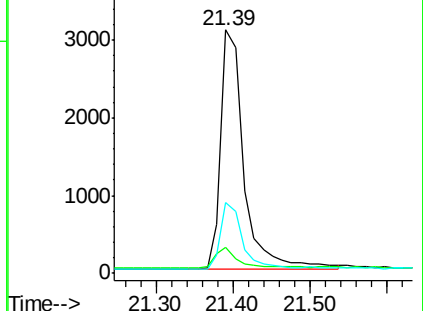
236 29.2 22.7 34.1



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: 0.457 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098960.D

Acq: 15 Mar 2019 1:26

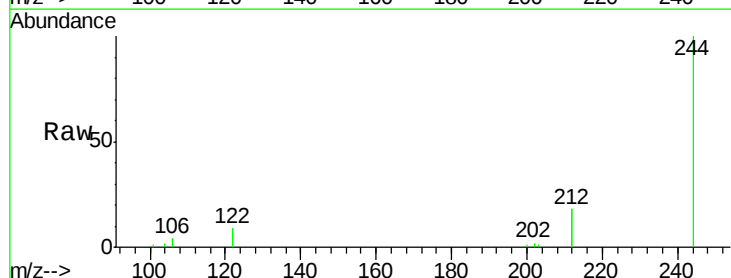
Tgt Ion:244 Resp: 7116

Ion Ratio Lower Upper

244 100

212 36.2 29.4 44.2

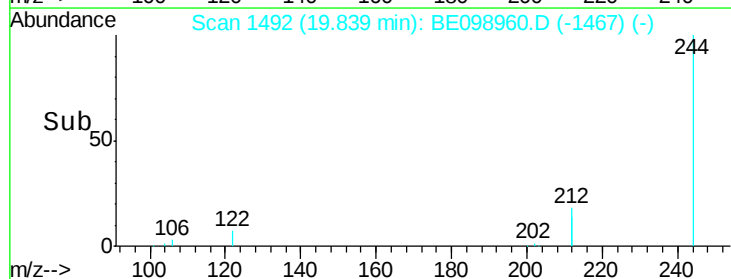
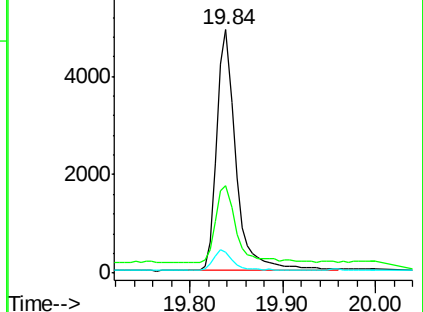
122 8.6 7.1 10.7

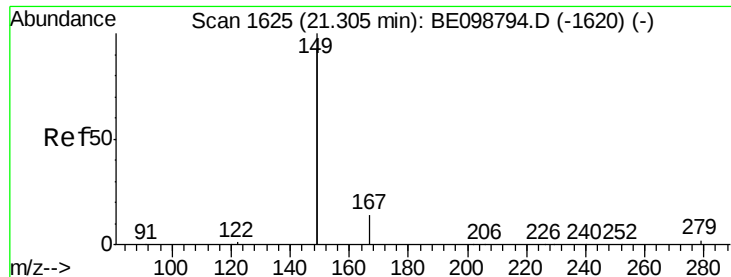


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

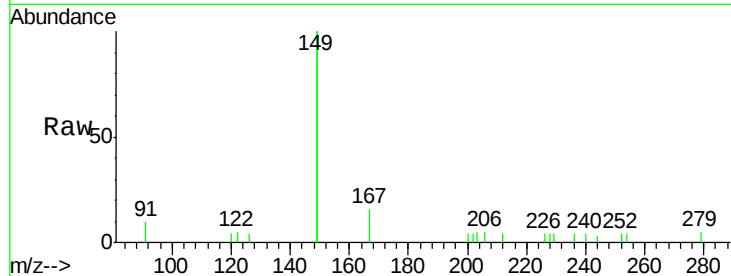




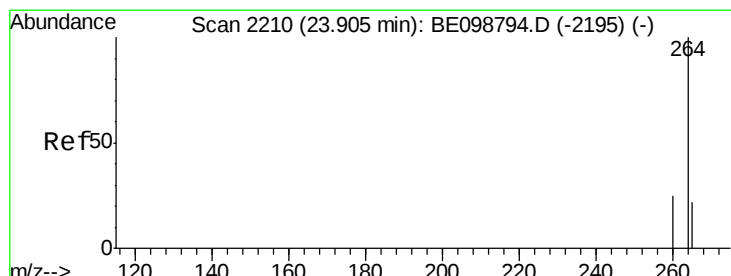
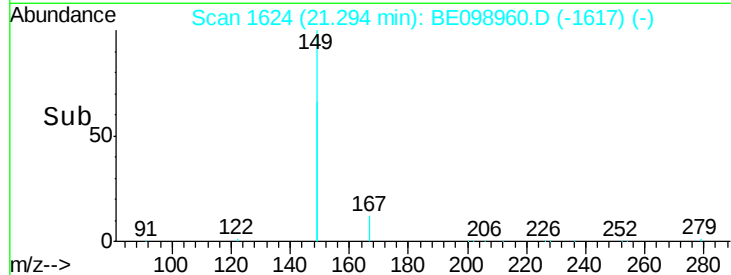
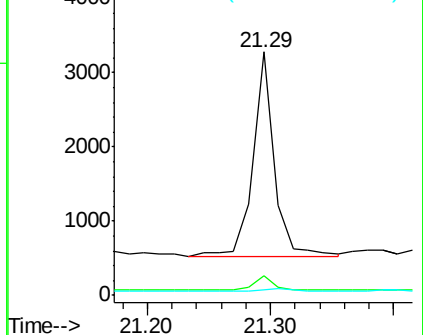
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098960.D
 Acq: 15 Mar 2019 1:26

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190312

Tgt Ion:149 Resp: 3305
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.3 1.0 1.4

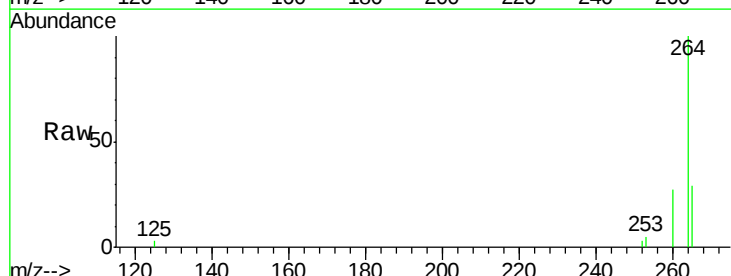


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098960.D
 Acq: 15 Mar 2019 1:26

Tgt Ion:264 Resp: 6190
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.2 31.8
 265 29.4 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

