

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098951.D
 Acq On : 14 Mar 2019 19:55
 Operator : JU/SJ
 Sample : K1882-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP01-20190312

Quant Time: Mar 15 05:32:35 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

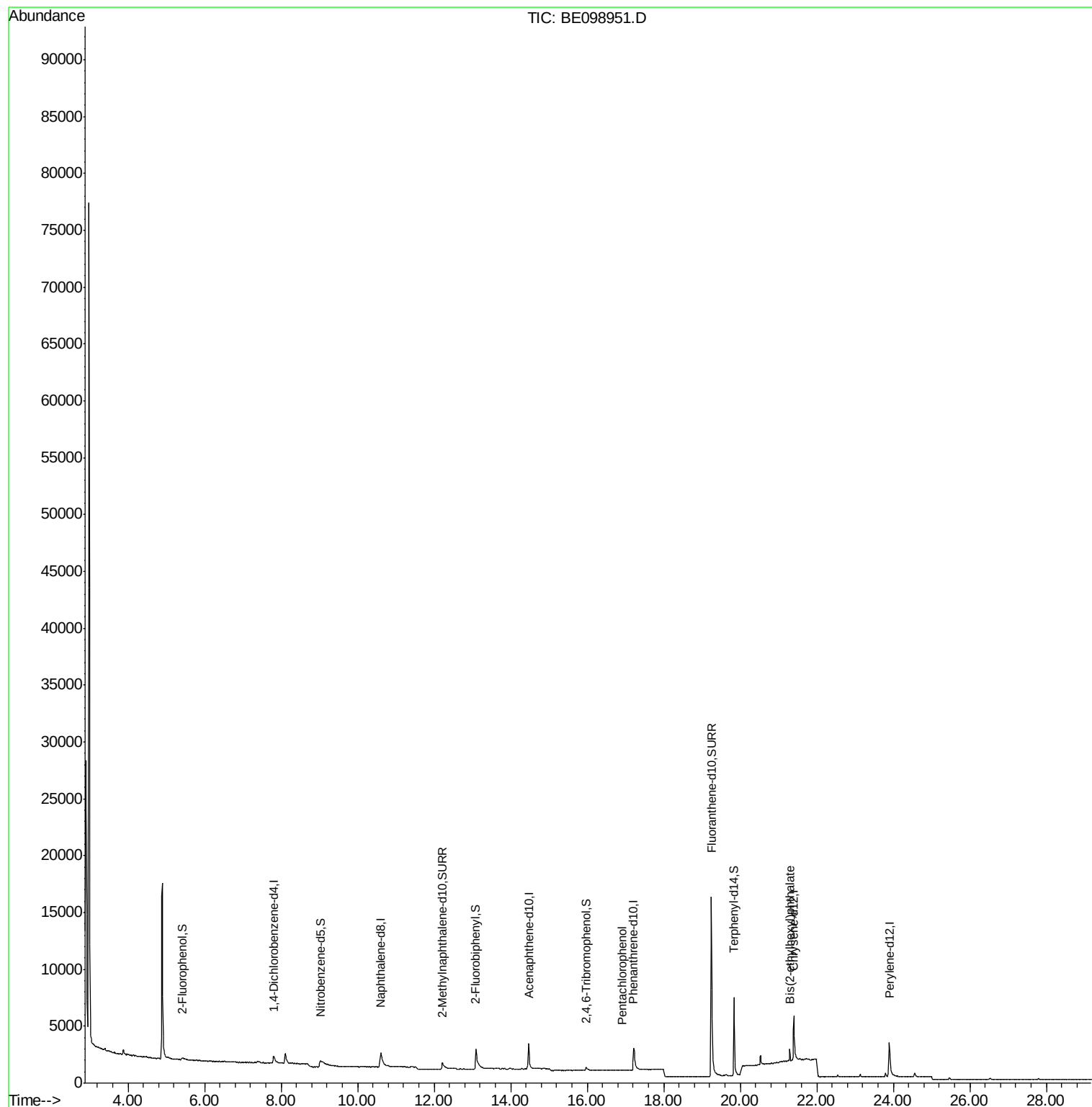
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	650	0.40	ng	0.02
7) Naphthalene-d8	10.60	136	3108	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2301	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5398	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6262	0.40	ng	0.00
34) Perylene-d12	23.90	264	6148	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	252	0.13	ng	0.03
5) Phenol-d6	6.98	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	9.03	82	918	0.28	ng	0.06
11) 2-Methylnaphthalene-d10	12.22	152	1986	0.35	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	325	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	4330	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	30416	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	7492	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	51	Below Cal		Qvalue # 24
22) Pentachlorophenol	16.91	266	17	0.279	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	1311	0.032	ng	99

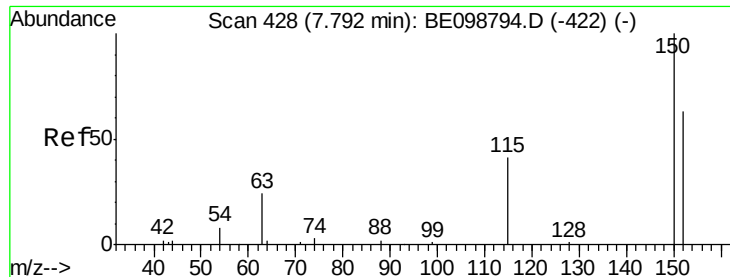
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
Data File : BE098951.D
Acq On : 14 Mar 2019 19:55
Operator : JU/SJ
Sample : K1882-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20190312

Quant Time: Mar 15 05:32:35 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



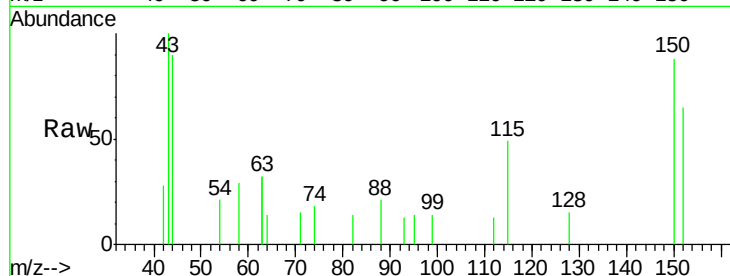


#1

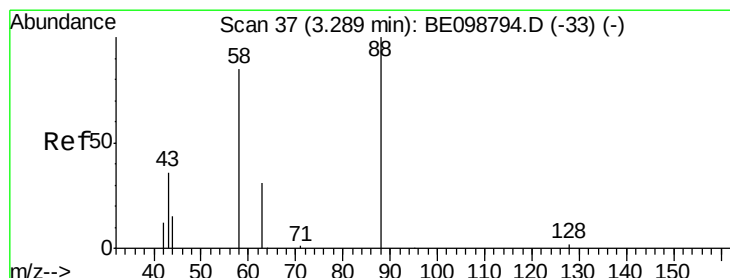
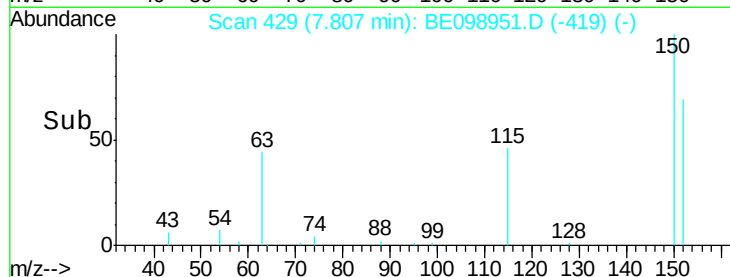
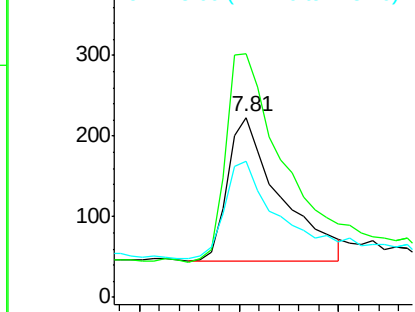
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE098951.D
Acq: 14 Mar 2019 19:55

Instrument :
BNA_E
ClientSampleId :
BP-DUP01-20190312

Tgt Ion: 152 Resp: 650
Ion Ratio Lower Upper
152 100
150 135.4 122.5 183.7
115 75.8 57.4 86.2



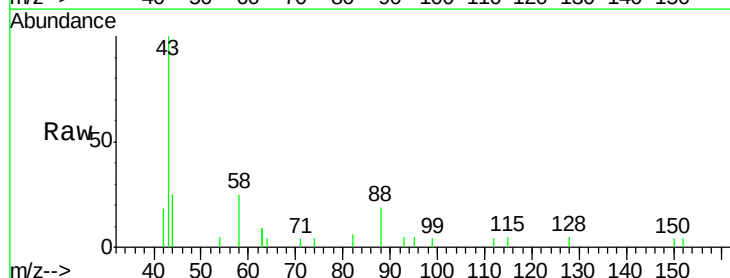
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



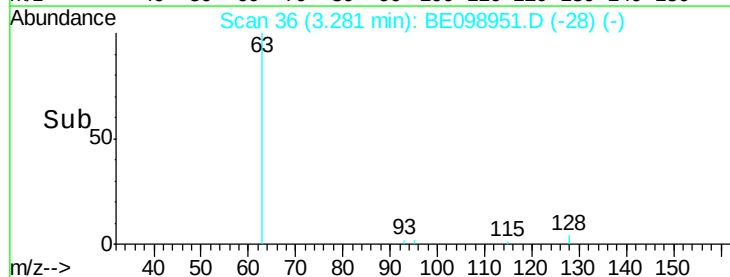
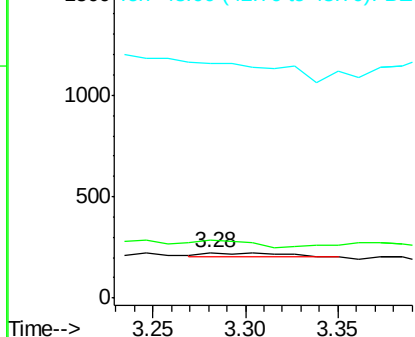
#2

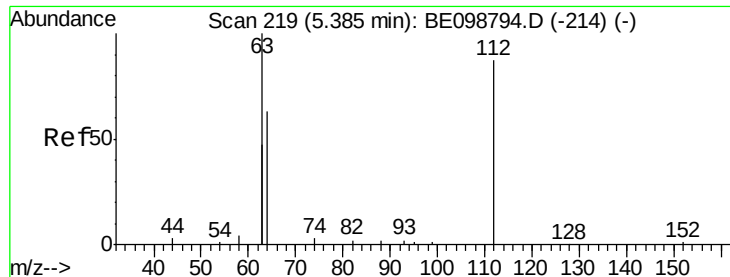
1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098951.D
Acq: 14 Mar 2019 19:55

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
58 168.6 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: 0.130 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20190312

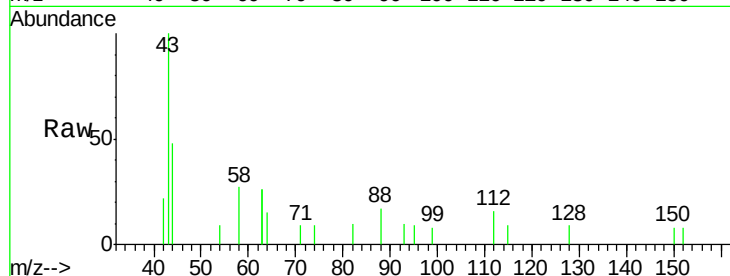
Tgt Ion: 112 Resp: 252

Ion Ratio Lower Upper

112 100

64 104.4 57.9 86.9#

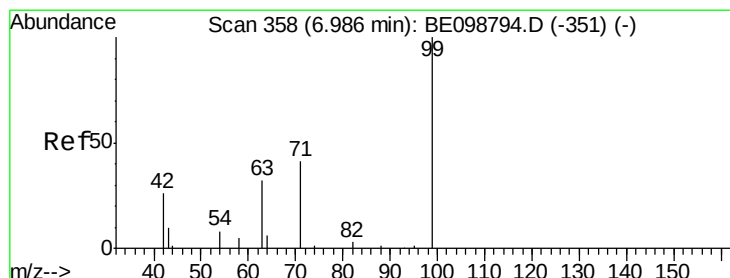
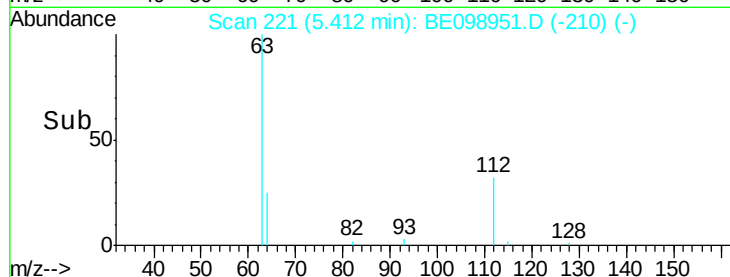
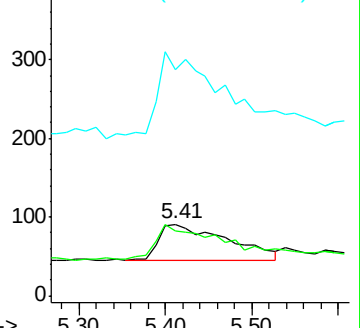
63 245.6 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

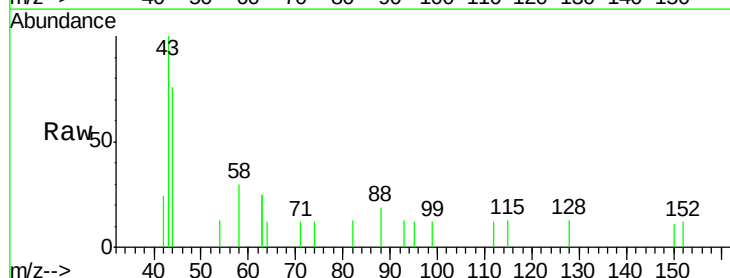
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

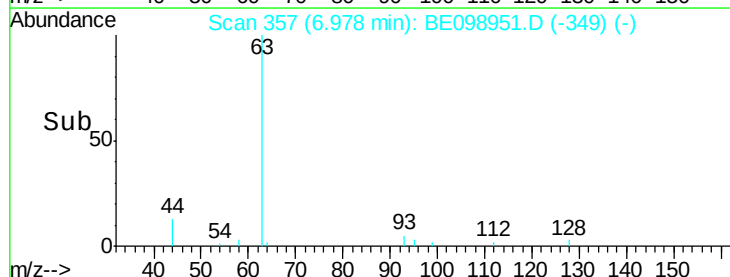
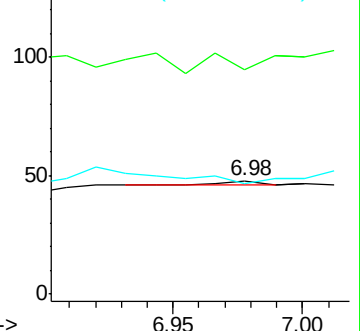
71 0.0 35.7 53.5#

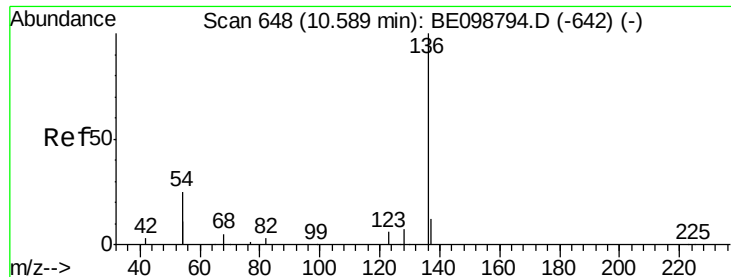


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20190312

Tgt Ion: 136 Resp: 3108

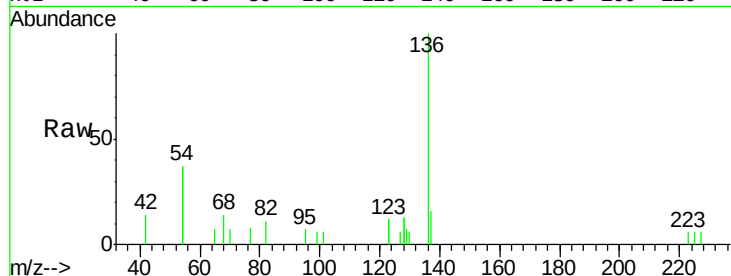
Ion Ratio Lower Upper

136 100

137 16.2 11.4 17.0

54 74.1 39.3 58.9#

68 13.7 6.7 10.1#

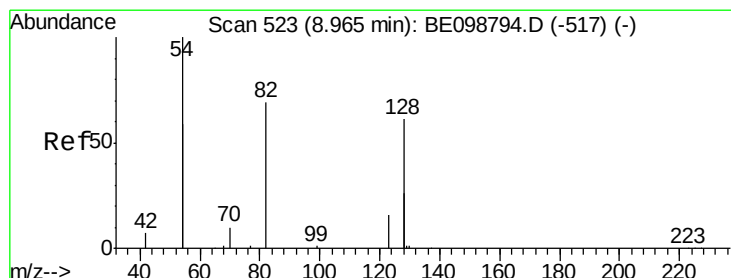
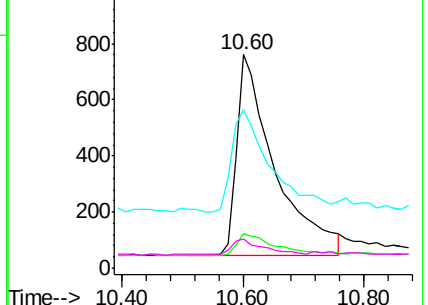
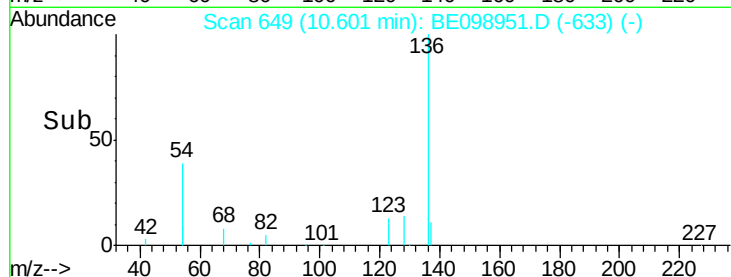


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

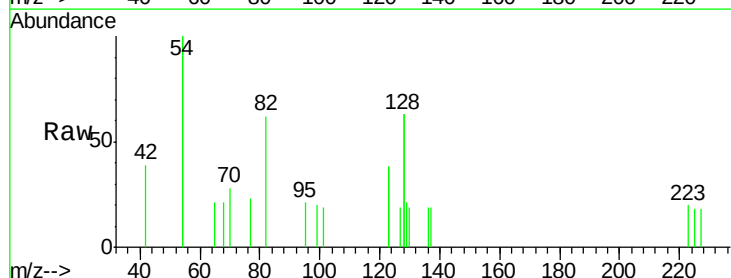
Tgt Ion: 82 Resp: 918

Ion Ratio Lower Upper

82 100

128 204.1 123.8 185.8#

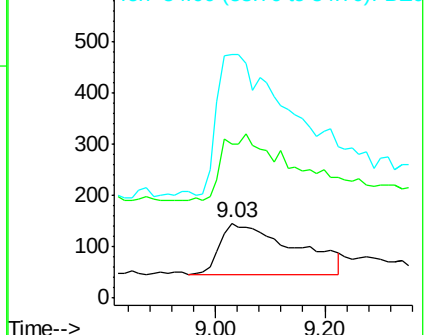
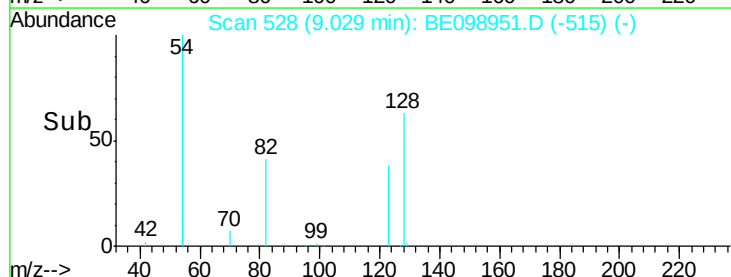
54 323.8 203.4 305.2#

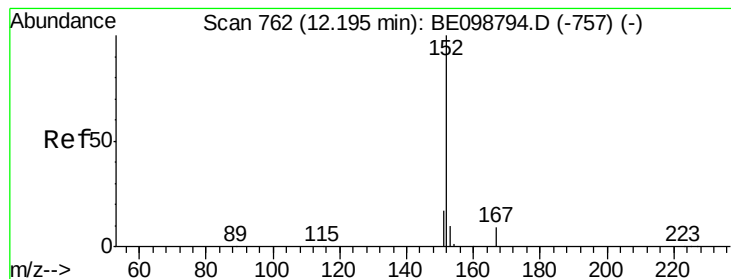


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

Instrument :

BNA_E

ClientSampleId :

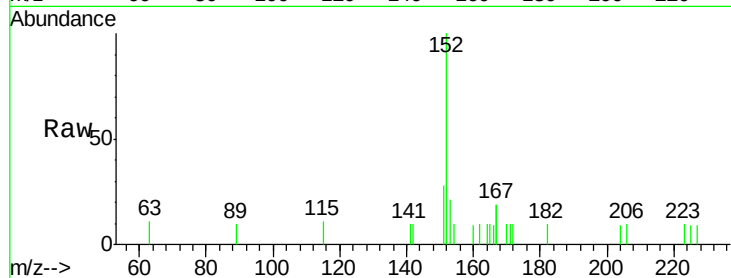
BP-DUP01-20190312

Tgt Ion:152 Resp: 1986

Ion Ratio Lower Upper

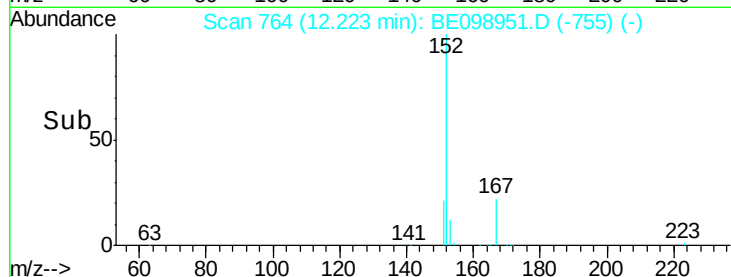
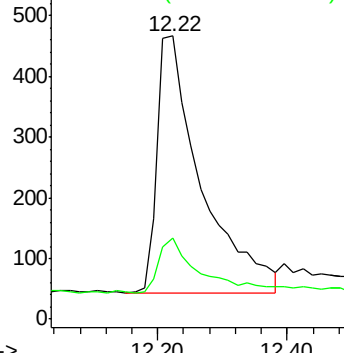
152 100

151 21.5 16.5 24.7

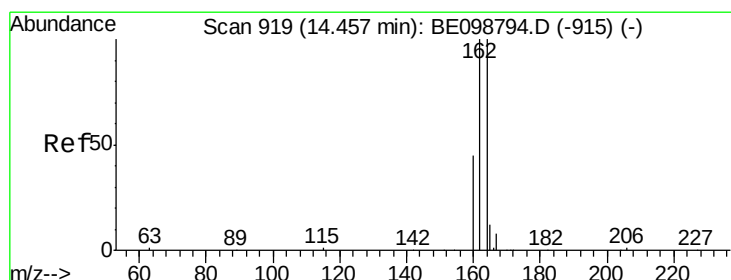


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

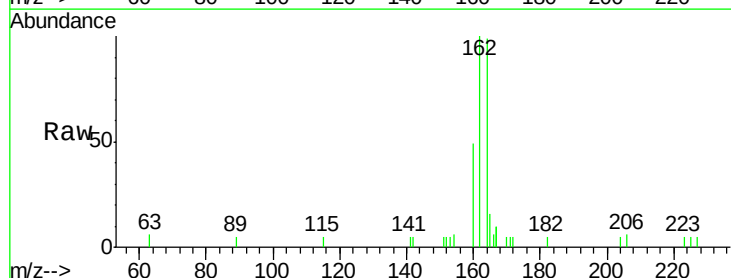
Tgt Ion:164 Resp: 2301

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

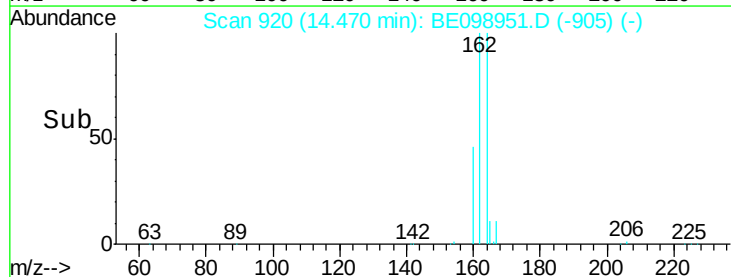
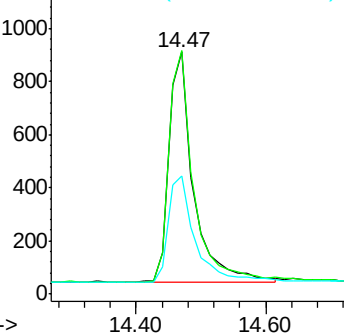
160 48.9 37.8 56.8



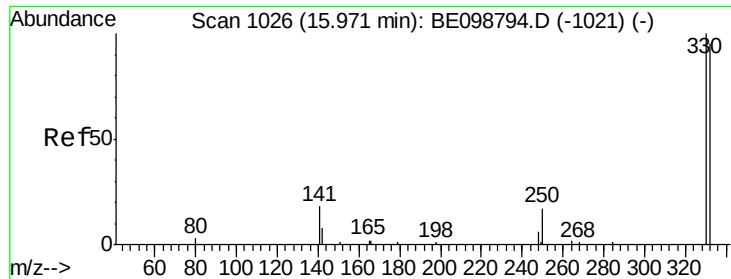
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



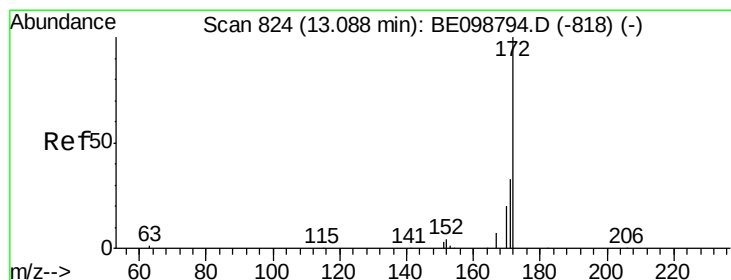
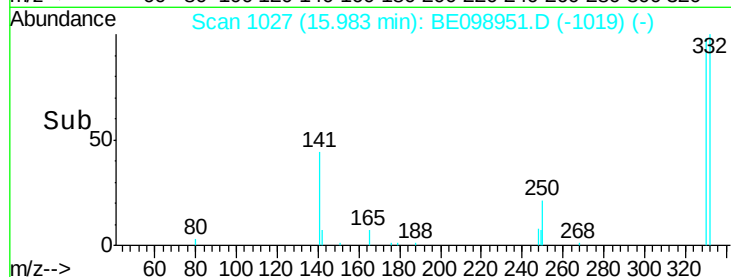
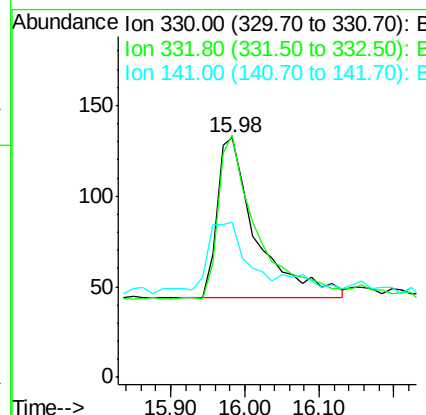
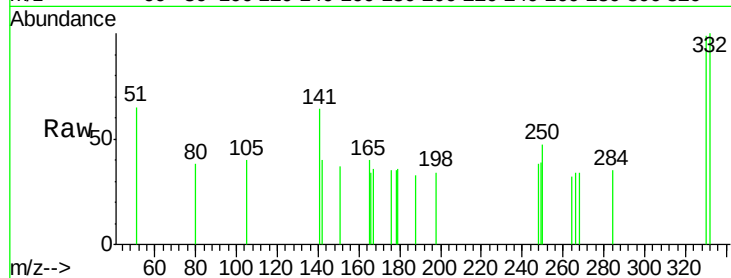
Time-->



#14
 2,4,6-Tribromophenol
 Concen: 0.280 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098951.D
 Acq: 14 Mar 2019 19:55

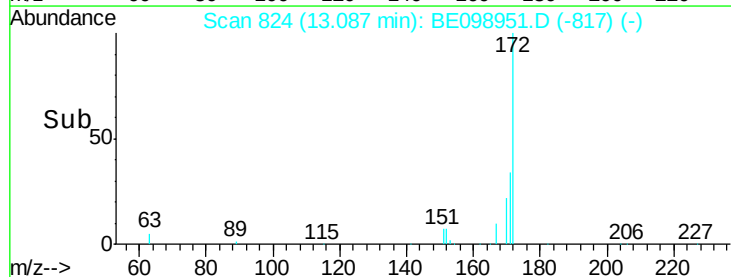
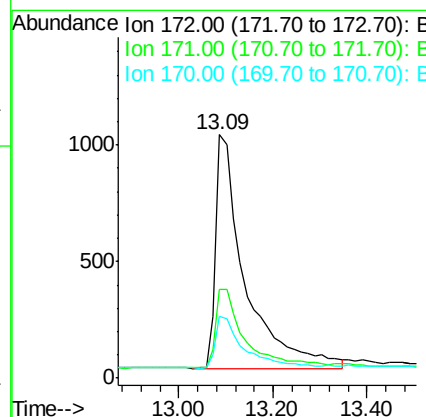
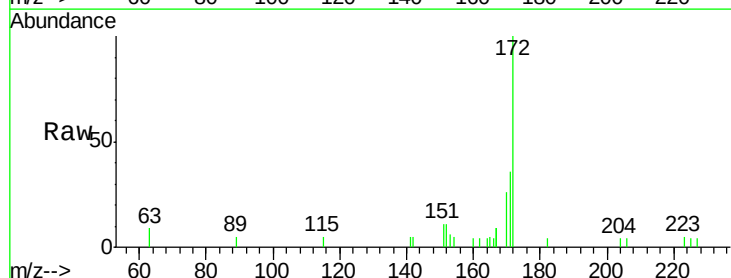
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP01-20190312

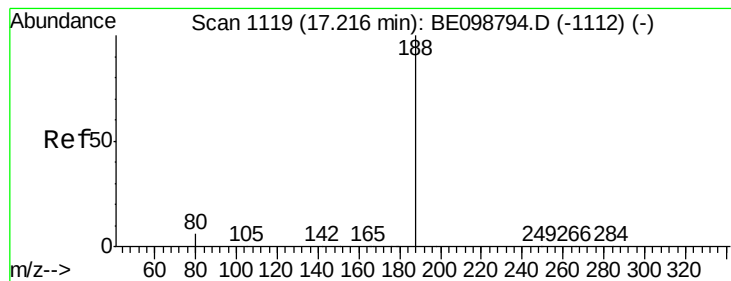
Tgt Ion:330 Resp: 325
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.6 116.4
 141 40.0 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.455 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098951.D
 Acq: 14 Mar 2019 19:55

Tgt Ion:172 Resp: 4330
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.0 42.0
 170 25.7 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: BE098951.D

Acq: 14 Mar 2019 19:55

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20190312

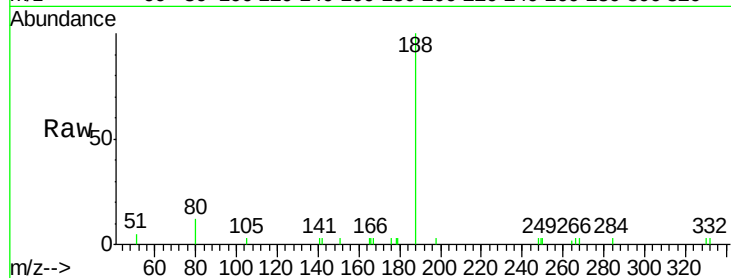
Tgt Ion:188 Resp: 5398

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

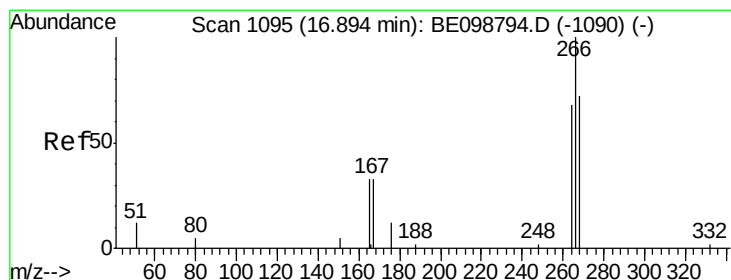
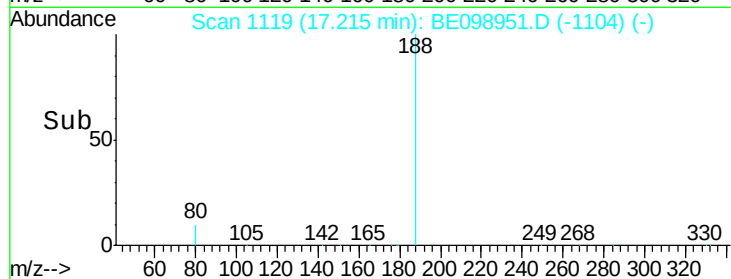
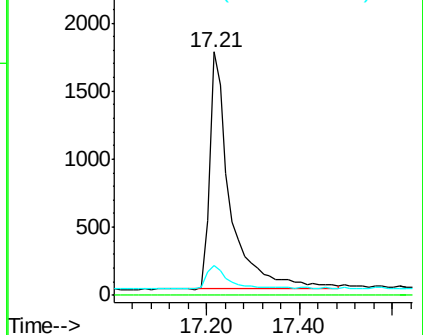
80 12.0 6.3 9.5#



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: 0.279 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

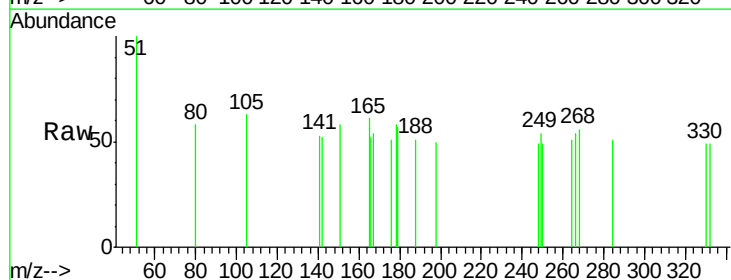
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 93.9 66.6 100.0

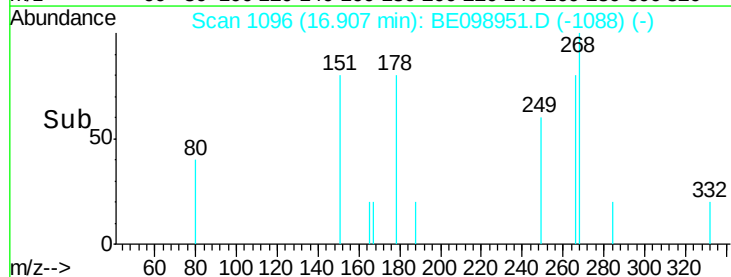
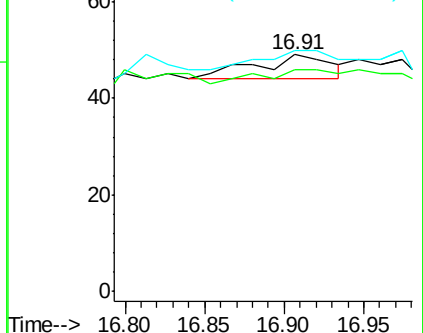
268 102.0 69.8 104.8

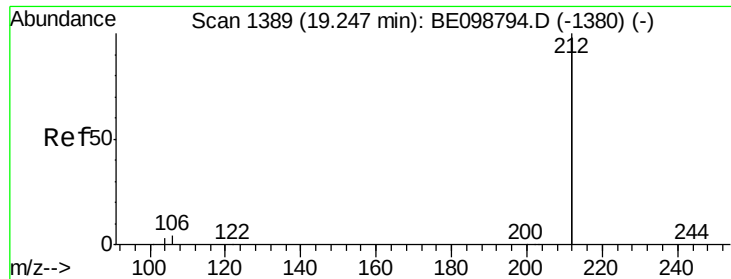


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

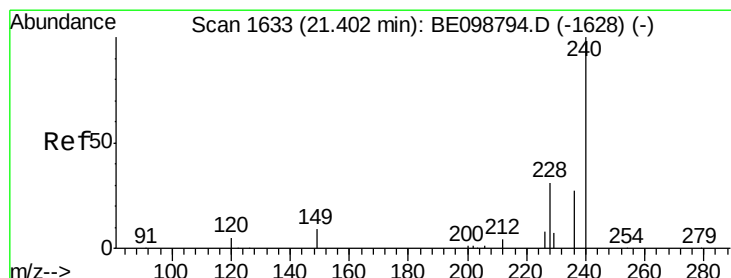
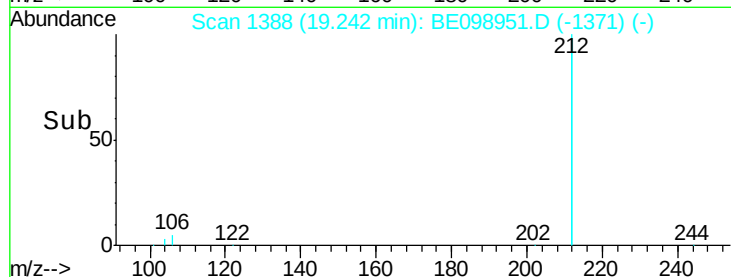
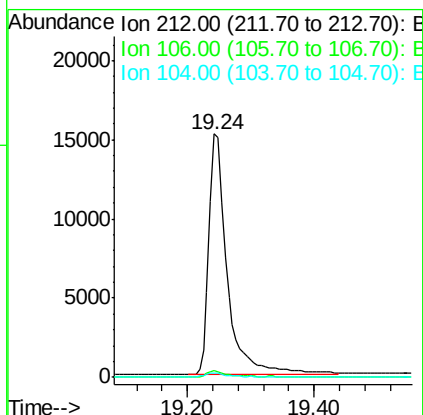
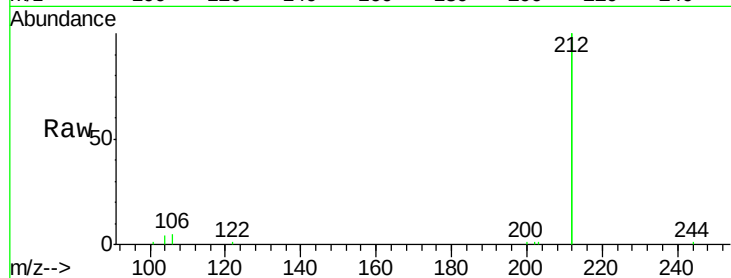
Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20190312

Tgt Ion:	212	Resp:	30416
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6



#27

Chrysene-d12

Concen: 0.400 ng

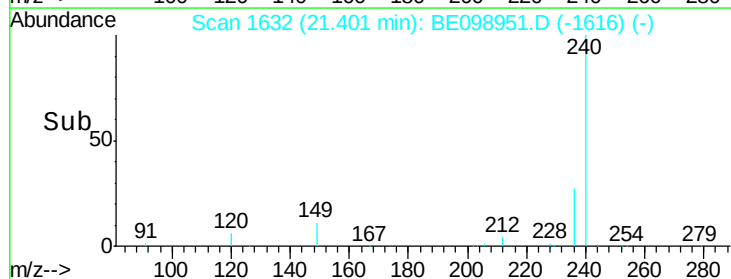
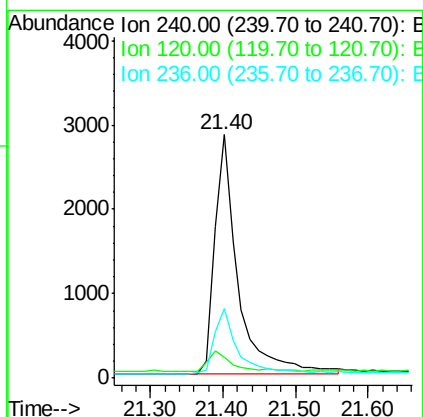
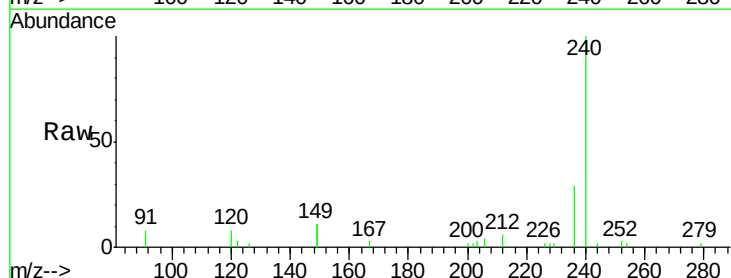
RT: 21.40 min Scan# 1632

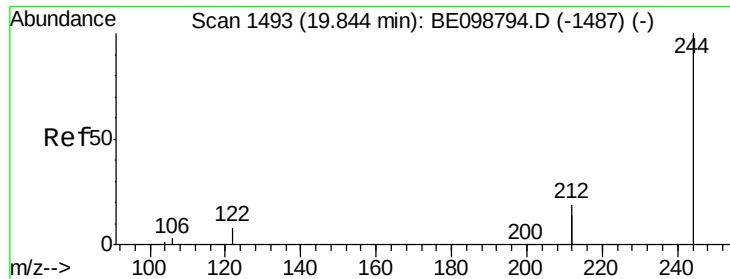
Delta R.T. -0.00 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

Tgt Ion:	240	Resp:	6262
Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.0	7.4#
236	28.6	22.7	34.1





#29

Terphenyl-d14

Concen: 0.492 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20190312

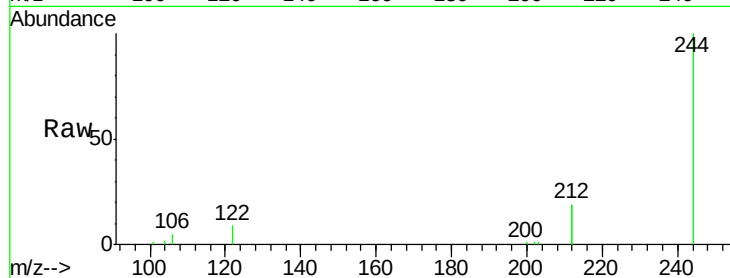
Tgt Ion:244 Resp: 7492

Ion Ratio Lower Upper

244 100

212 37.7 29.4 44.2

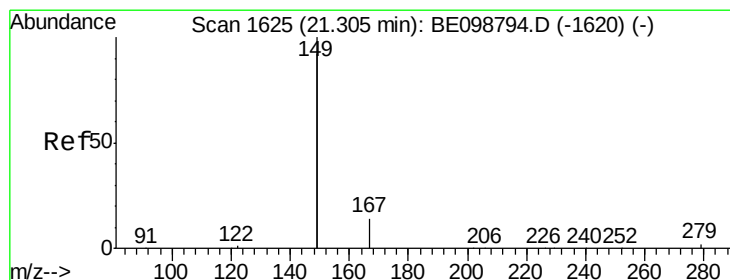
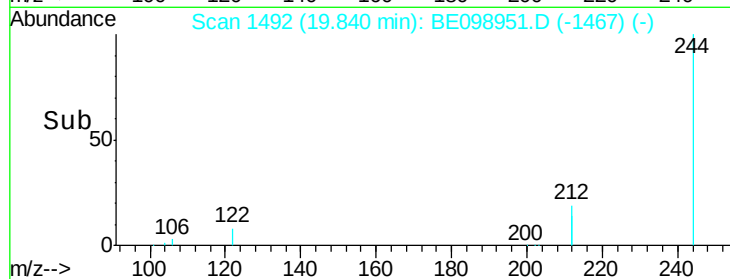
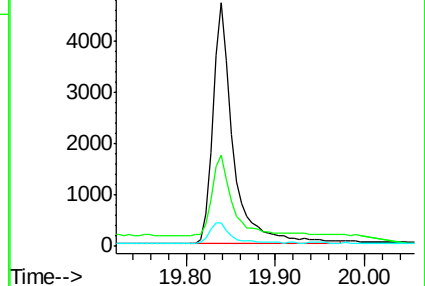
122 9.4 7.1 10.7



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: 0.032 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

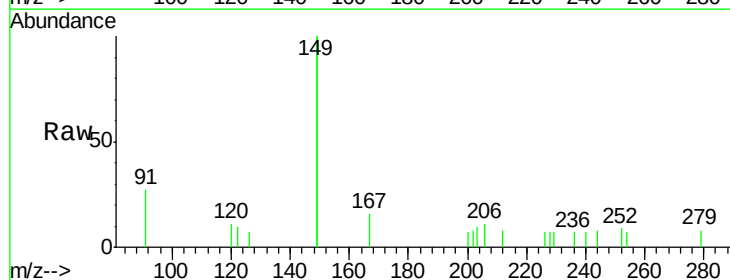
Tgt Ion:149 Resp: 1311

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

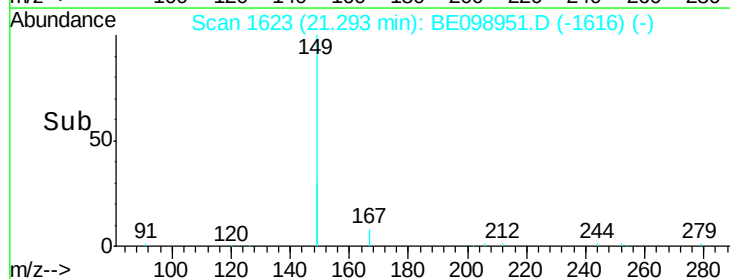
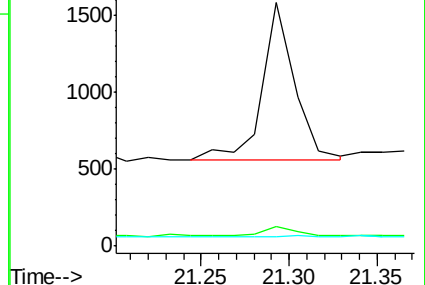
279 1.4 1.0 1.4

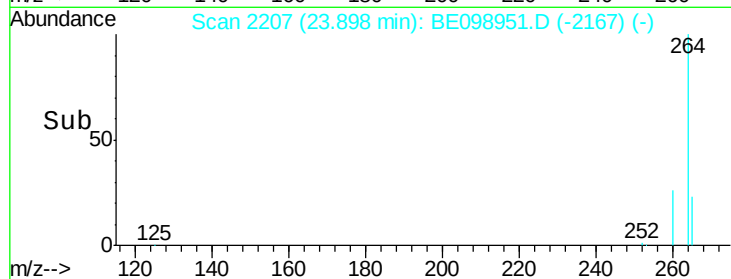
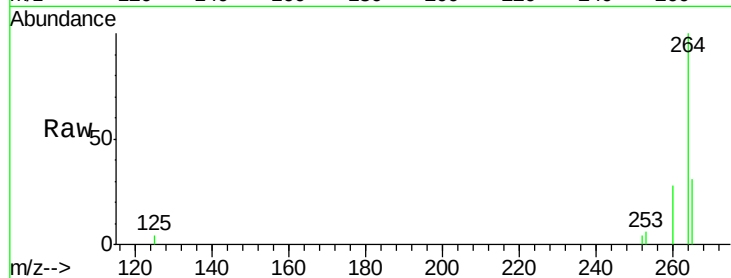
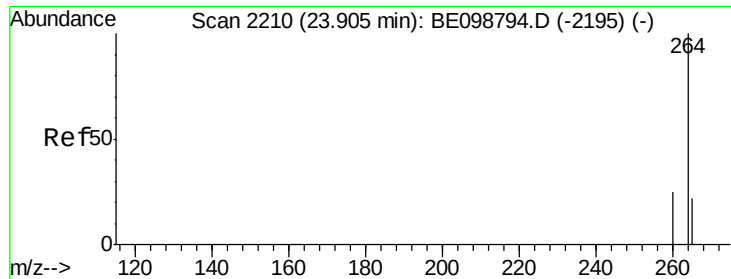


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098951.D

Acq: 14 Mar 2019 19:55

Instrument :

BNA_E

ClientSampleId :

BP-DUP01-20190312

Tgt Ion:264 Resp: 6148

Ion Ratio Lower Upper

264 100

260 27.5 21.2 31.8

265 31.2 24.6 36.8

