

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098916.D
 Acq On : 13 Mar 2019 17:48
 Operator : JU/SJ
 Sample : K1856-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:56:09 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

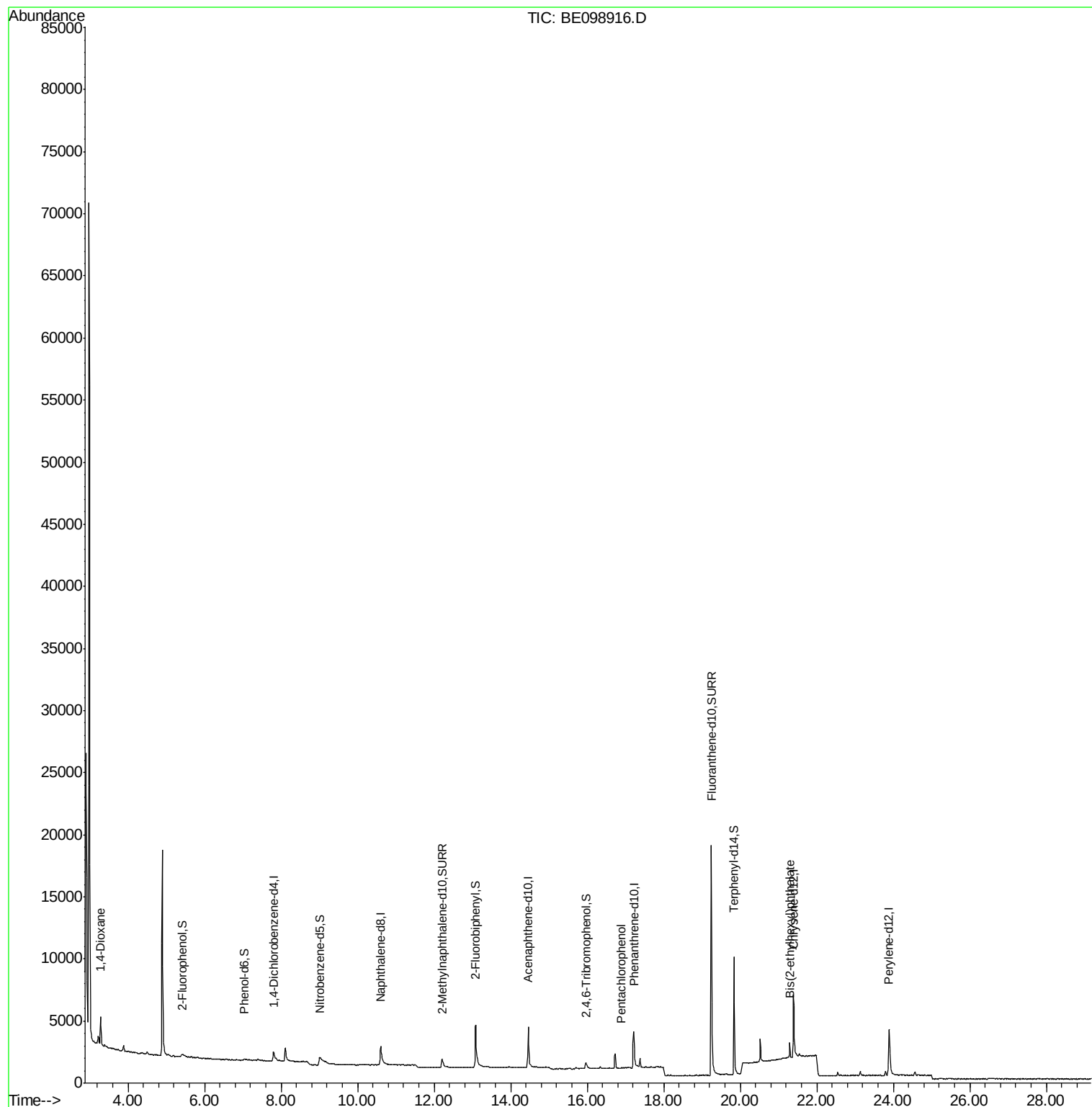
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	732	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3127	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2421	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6145	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7334	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7052	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	310	0.14	ng	0.02
5) Phenol-d6	7.03	99	176	0.06	ng	0.05
8) Nitrobenzene-d5	9.02	82	1033	0.32	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1971	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	532	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6326	0.63	ng	0.00
25) Fluoranthene-d10	19.24	212	31290	0.32	ng	0.00
29) Terphenyl-d14	19.83	244	10011	0.56	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	1413	1.150	ng	Qvalue # 89
22) Pentachlorophenol	16.89	266	10	0.272	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.29	149	1346	0.028	ng	# 88

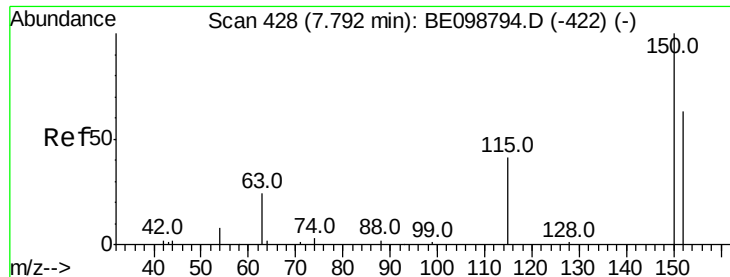
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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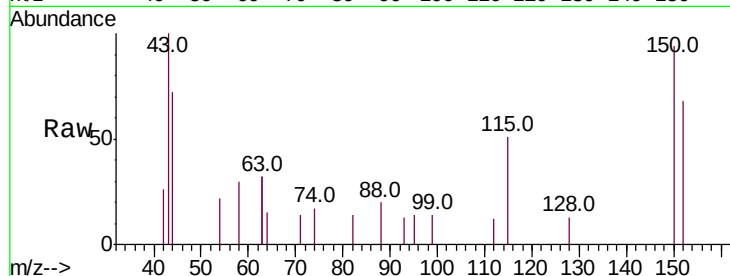


#1

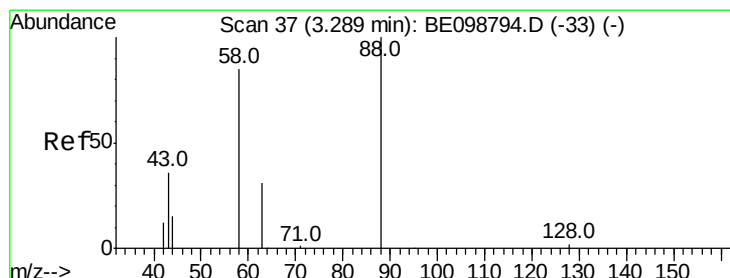
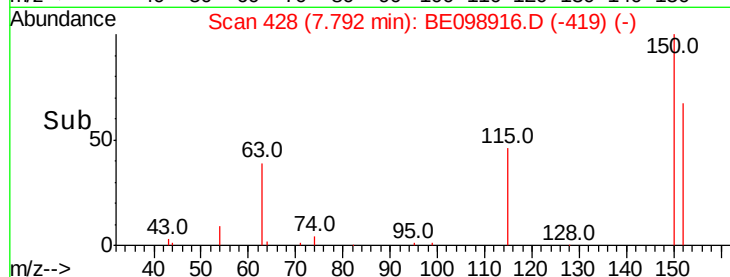
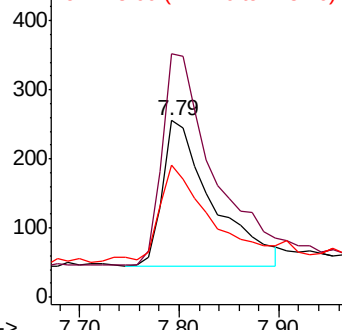
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098916.D
Acq: 13 Mar 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 732
Ion Ratio Lower Upper
152 100
150 138.0 122.5 183.7
115 74.9 57.4 86.2



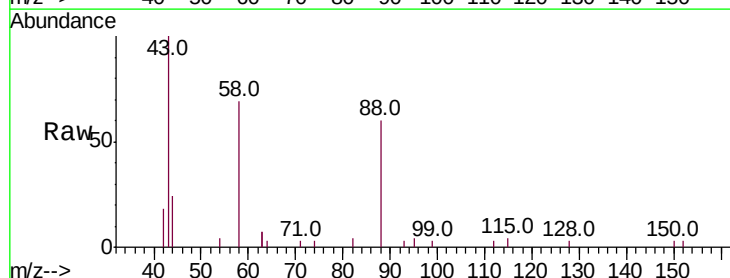
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



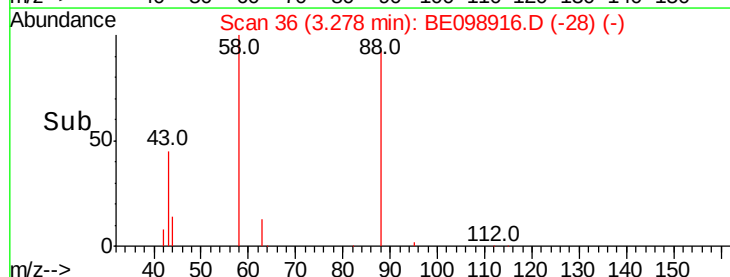
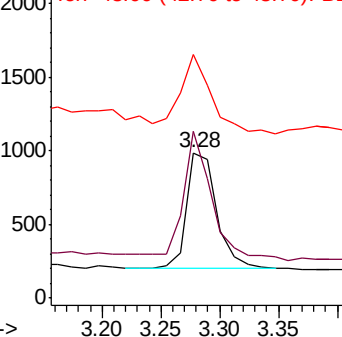
#2

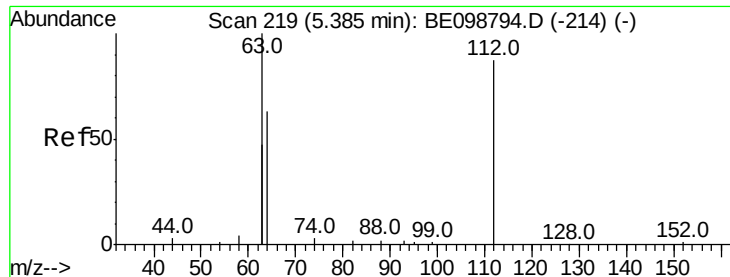
1,4-Dioxane
Concen: 1.150 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098916.D
Acq: 13 Mar 2019 17:48

Tgt Ion: 88 Resp: 1413
Ion Ratio Lower Upper
88 100
58 92.9 75.8 113.6
43 72.0 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: 0.142 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098916.D

Acq: 13 Mar 2019 17:48

Instrument :

BNA_E

ClientSampleId :

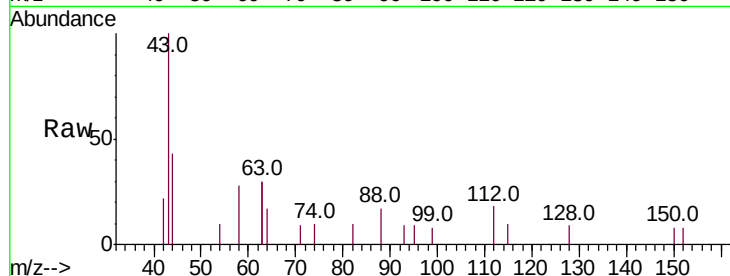
Tot Ion:112 Resp: 310

Ion Ratio Lower Upper

112 100

64 71.9 57.9 86.9

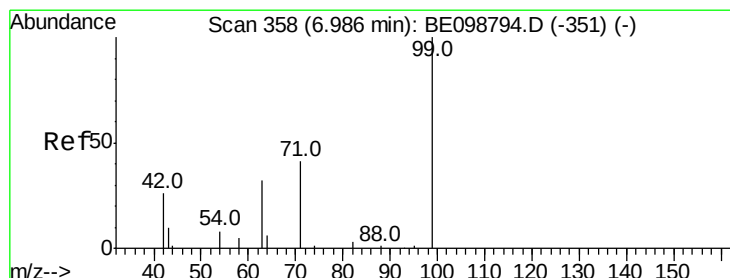
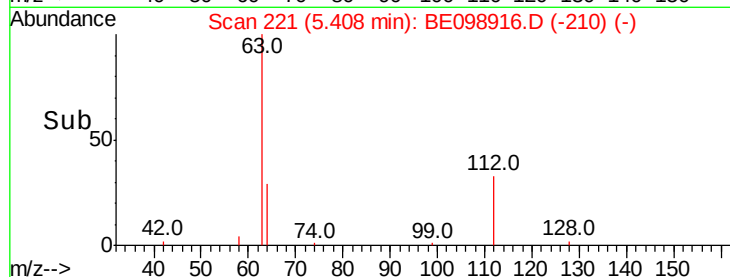
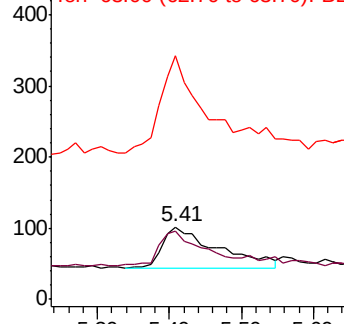
63 176.1 158.3 237.5



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: 0.057 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098916.D

Acq: 13 Mar 2019 17:48

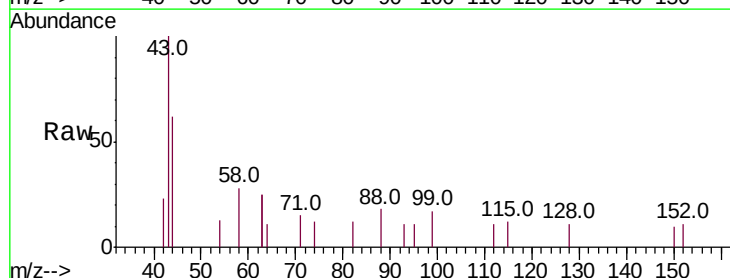
Tgt Ion: 99 Resp: 176

Ion Ratio Lower Upper

99 100

42 32.4 24.2 36.2

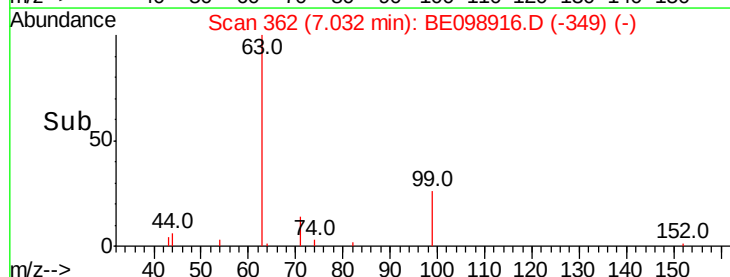
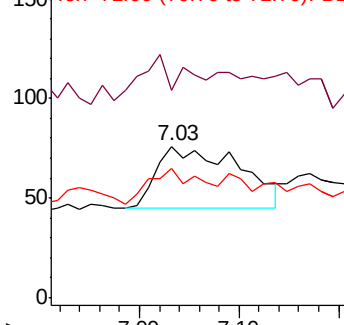
71 36.4 35.7 53.5

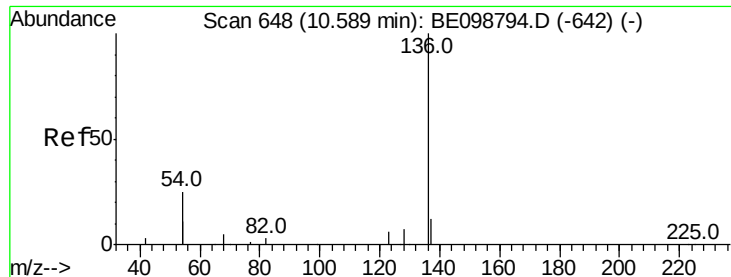


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098916.D

Acq: 13 Mar 2019 17:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3127

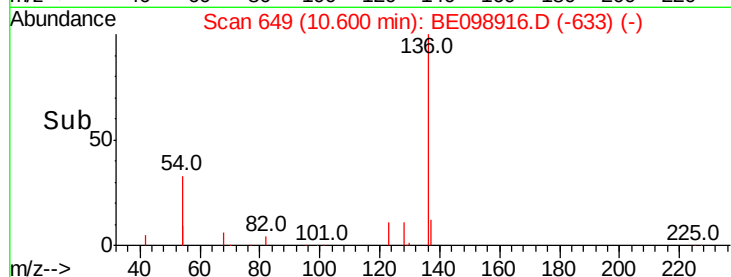
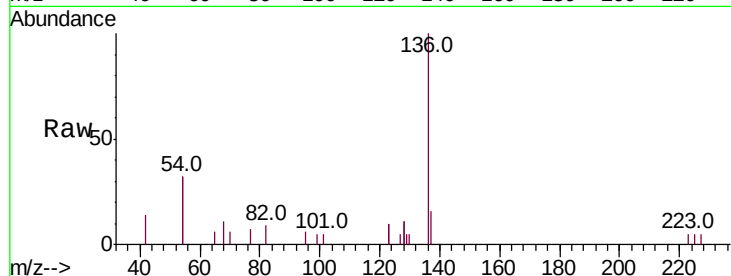
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 63.5 39.3 58.9#

68 10.7 6.7 10.1#

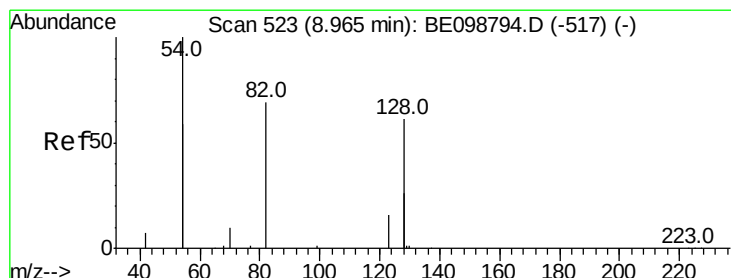
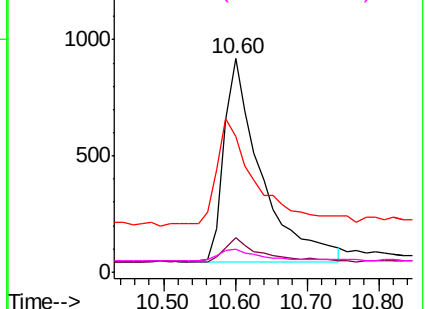


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.315 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098916.D

Acq: 13 Mar 2019 17:48

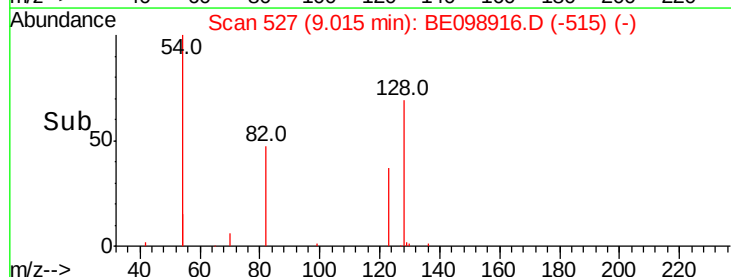
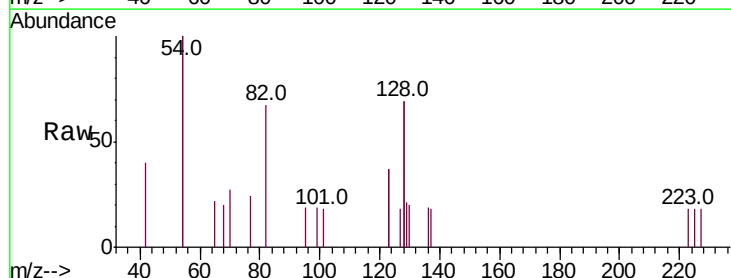
Tgt Ion: 82 Resp: 1033

Ion Ratio Lower Upper

82 100

128 204.8 123.8 185.8#

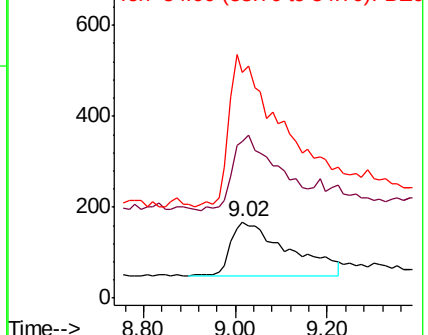
54 296.4 203.4 305.2

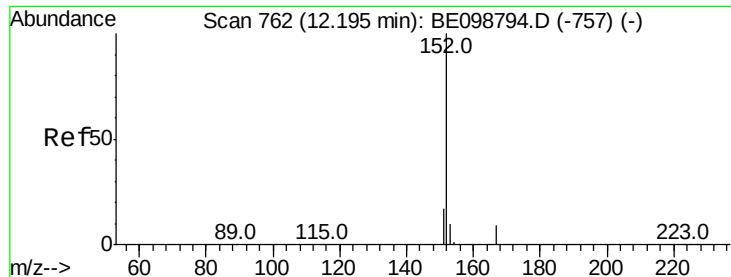


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

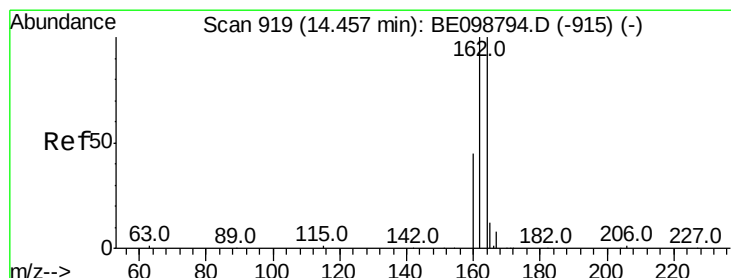
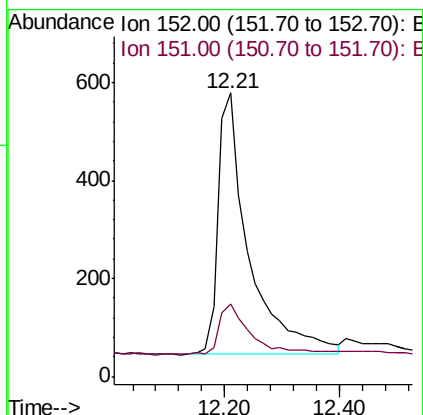
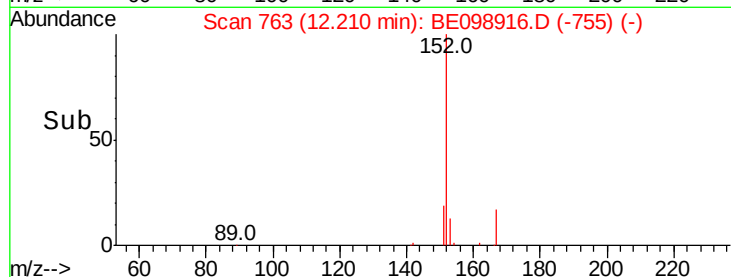
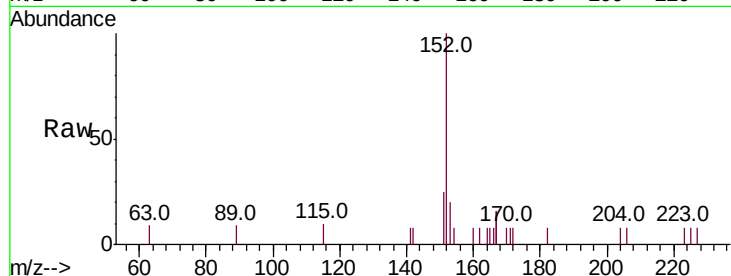




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098916.D
Acq: 13 Mar 2019 17:48

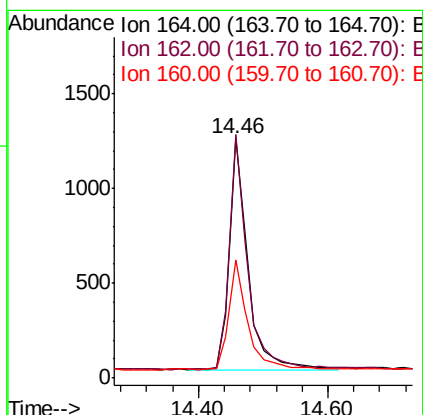
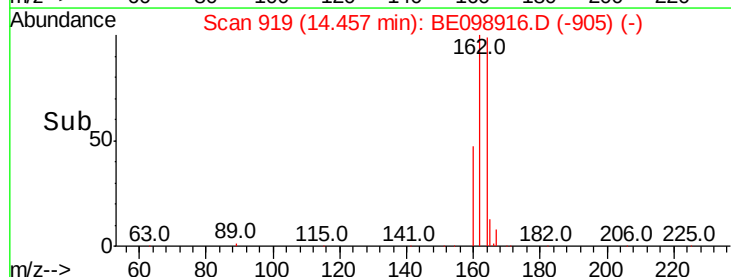
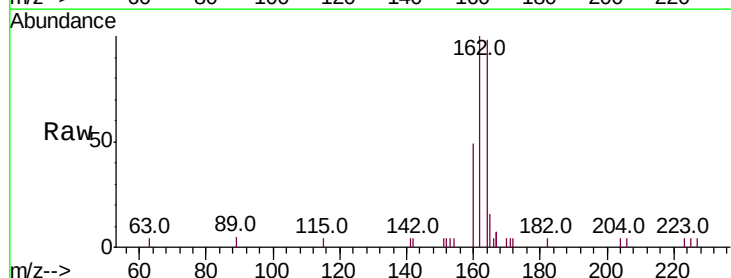
Instrument :
BNA_E
ClientSampleId :

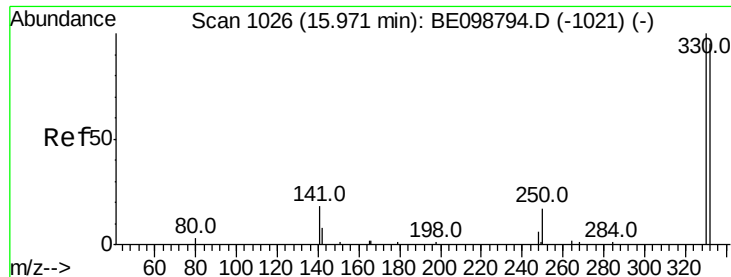
Tot Ion:152 Resp: 1971
Ion Ratio Lower Upper
152 100
151 19.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098916.D
Acq: 13 Mar 2019 17:48

Tgt Ion:164 Resp: 2421
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 49.4 37.8 56.8

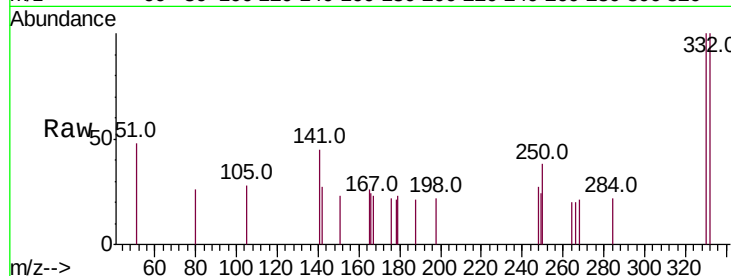




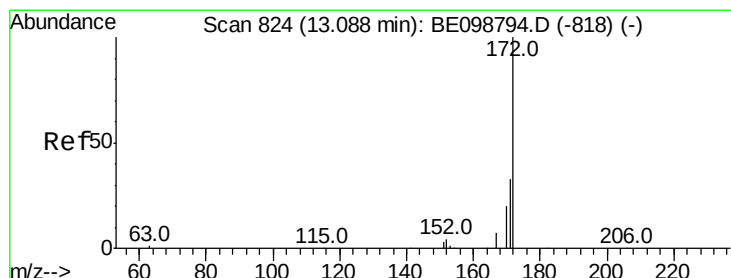
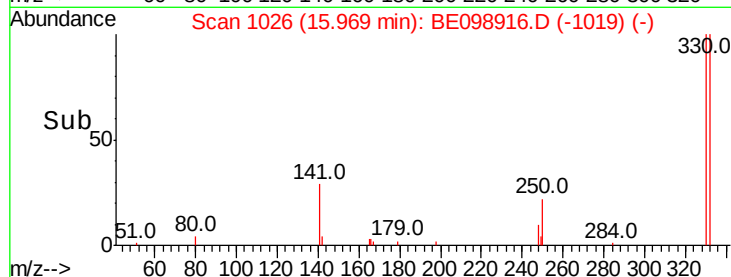
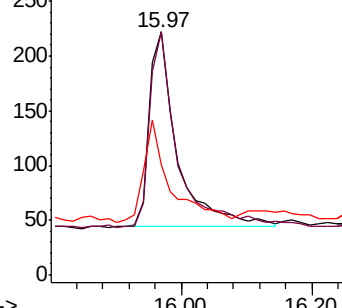
#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098916.D
Acq: 13 Mar 2019 17:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 532
Ion Ratio Lower Upper
330 100
332 103.9 77.6 116.4
141 49.2 31.0 46.4#

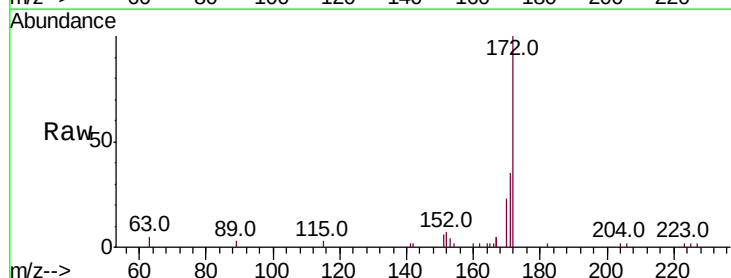


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

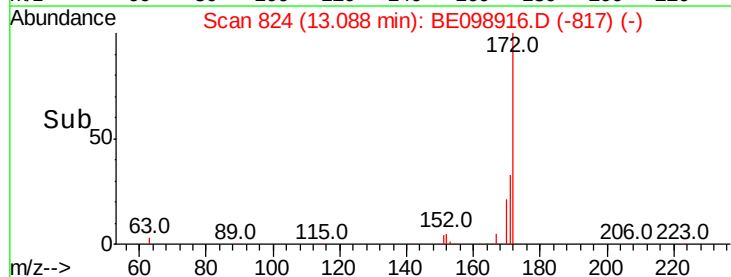
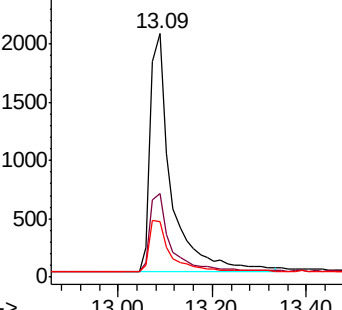


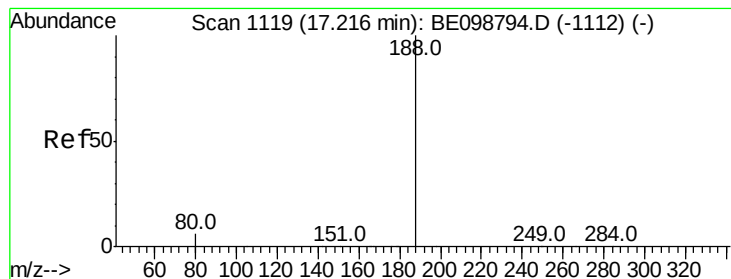
#15
2-Fluorobiphenyl
Concen: 0.631 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098916.D
Acq: 13 Mar 2019 17:48

Tgt Ion:172 Resp: 6326
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.8 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: BE098916.D

Acq: 13 Mar 2019 17:48

Instrument :

BNA_E

ClientSampleId :

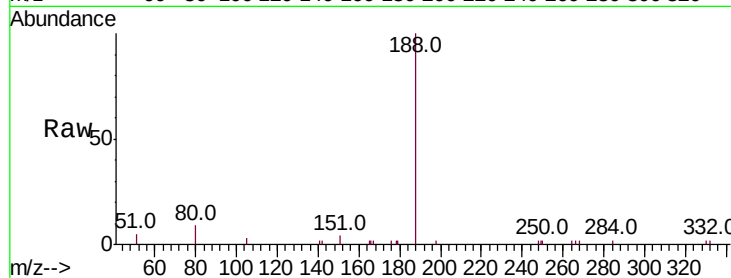
Tot Ion:188 Resp: 6145

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

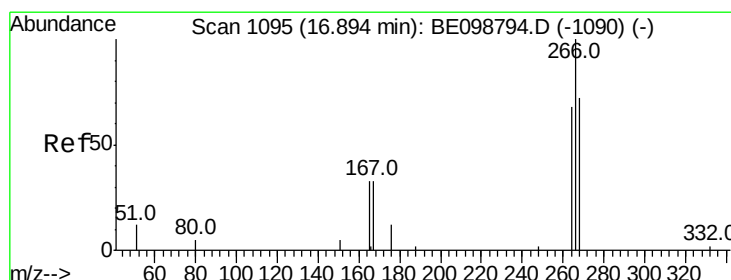
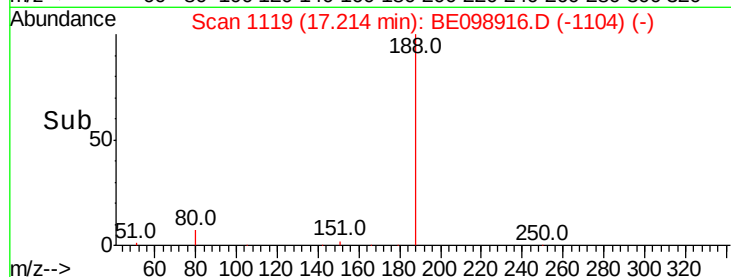
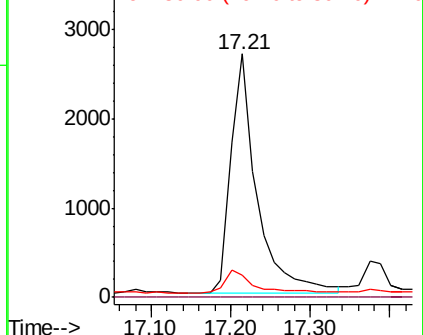
80 9.3 6.3 9.5



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: 0.272 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098916.D

Acq: 13 Mar 2019 17:48

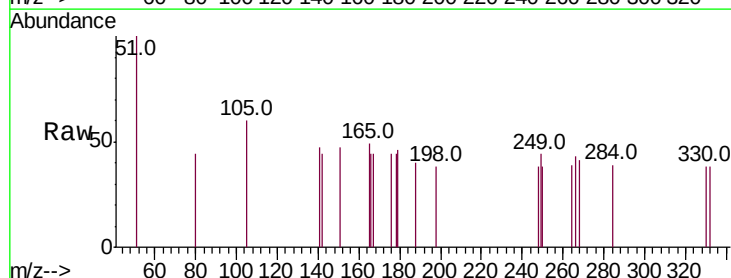
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.0 66.6 100.0

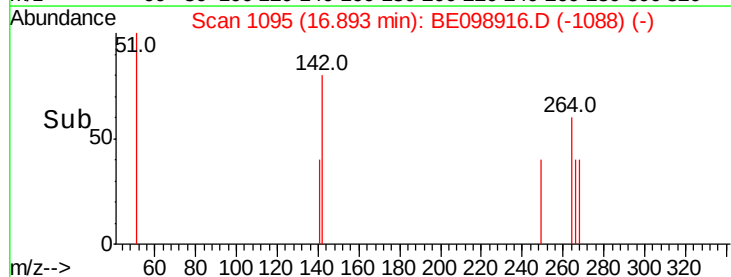
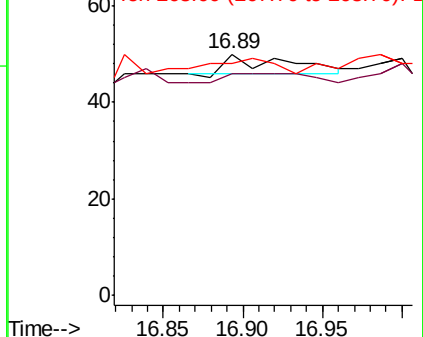
268 96.0 69.8 104.8

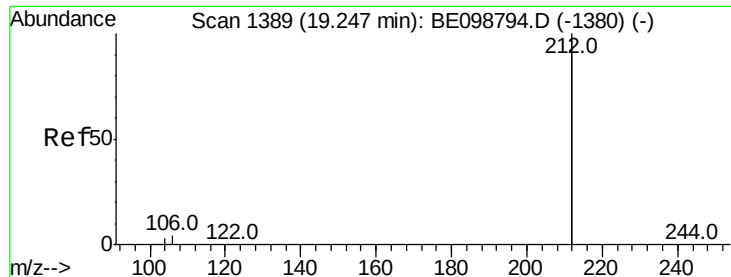


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098916.D

Acq: 13 Mar 2019 17:48

Instrument :

BNA_E

ClientSampleId :

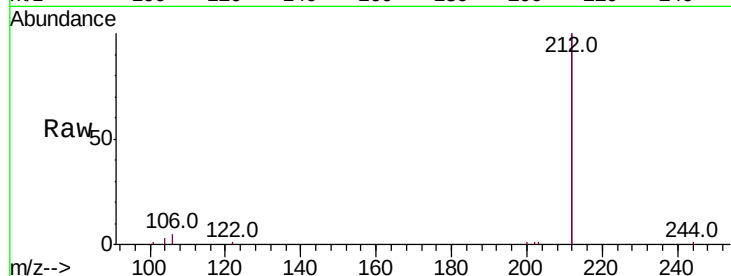
Tot Ion:212 Resp: 31290

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

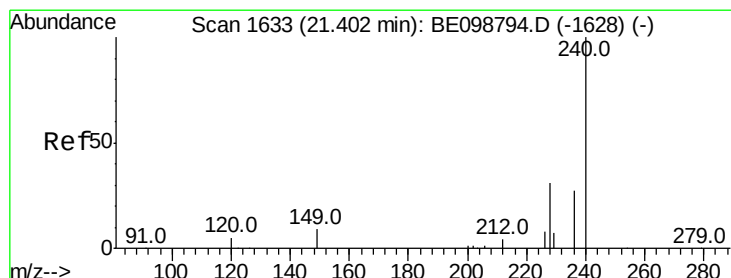
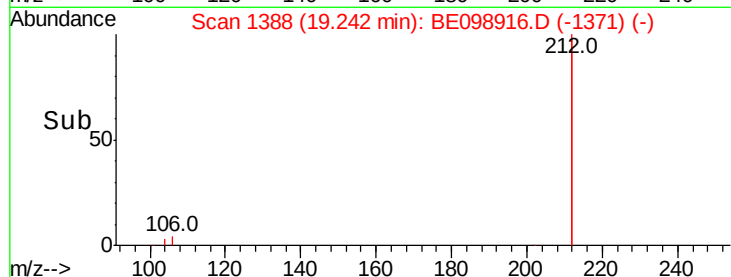
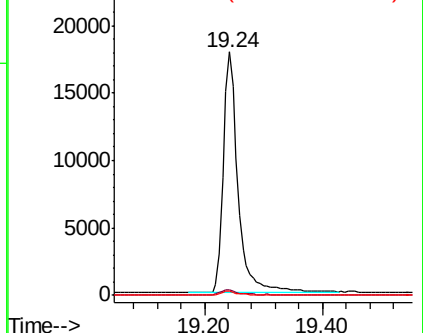
104 1.4 1.0 1.6



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: BE098916.D

Acq: 13 Mar 2019 17:48

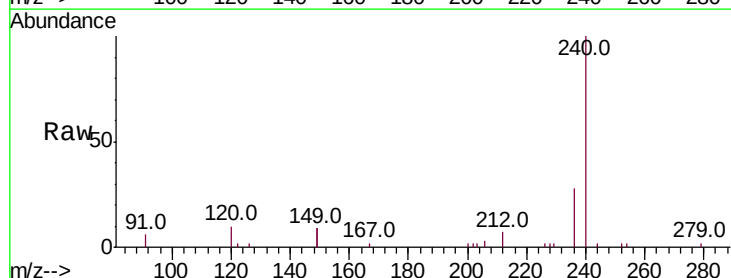
Tgt Ion:240 Resp: 7334

Ion Ratio Lower Upper

240 100

120 10.5 5.0 7.4#

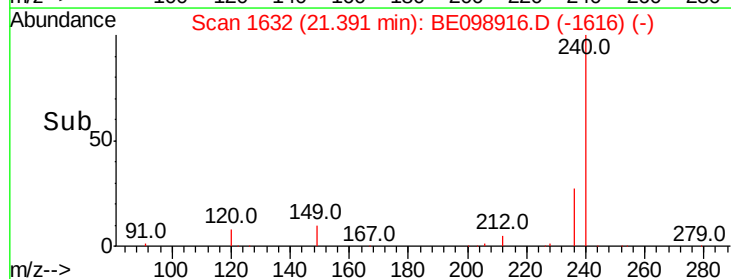
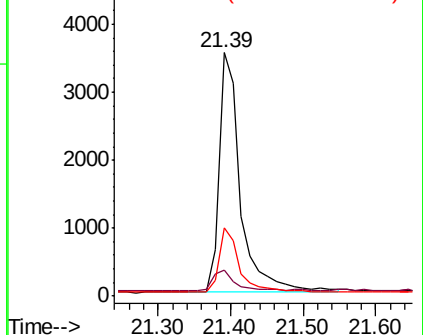
236 28.1 22.7 34.1

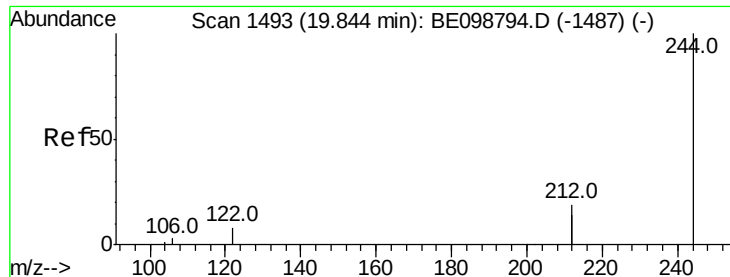


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.562 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE098916.D

Acq: 13 Mar 2019 17:48

Instrument :

BNA_E

ClientSampleId :

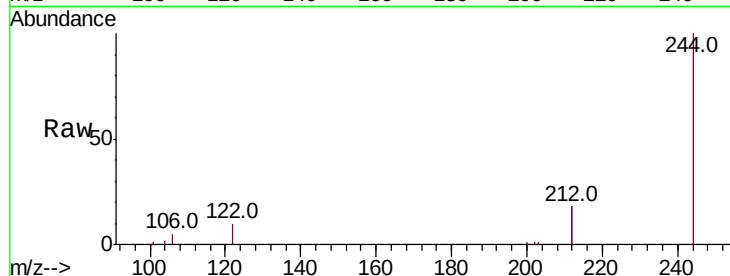
Tot Ion:244 Resp: 10011

Ion Ratio Lower Upper

244 100

212 36.9 29.4 44.2

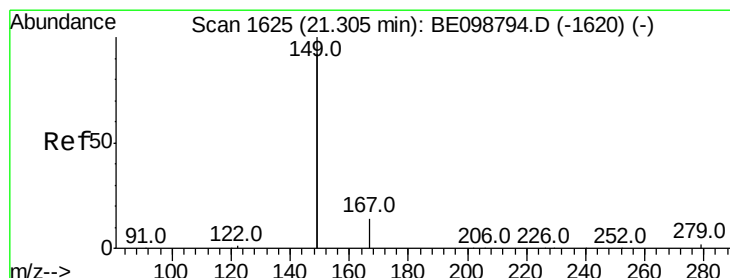
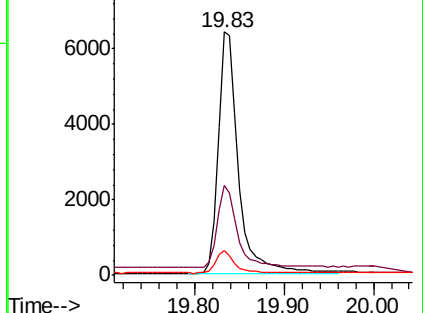
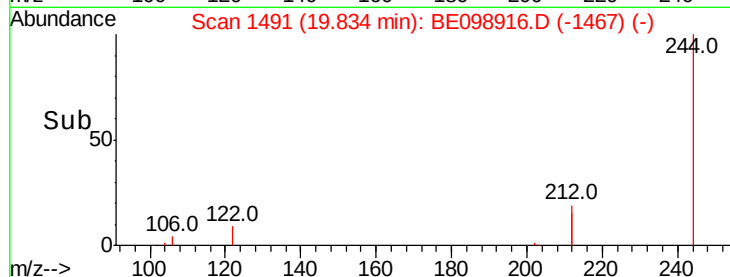
122 10.2 7.1 10.7



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: 0.028 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098916.D

Acq: 13 Mar 2019 17:48

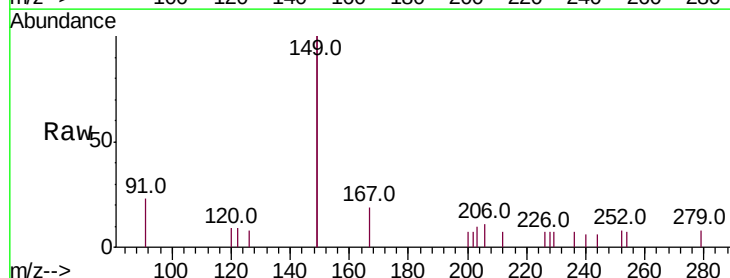
Tgt Ion:149 Resp: 1346

Ion Ratio Lower Upper

149 100

167 11.3 5.4 8.0#

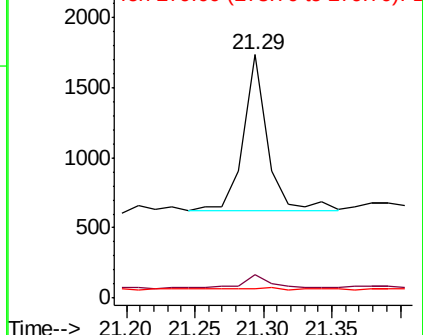
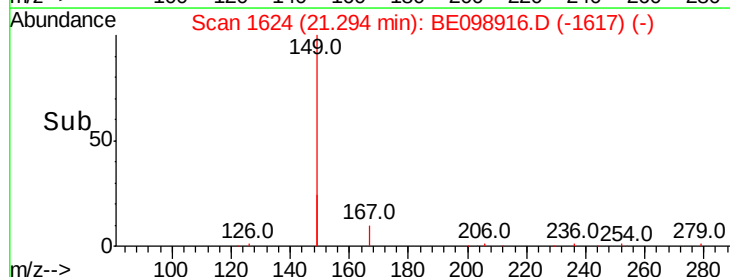
279 0.7 1.0 1.4#

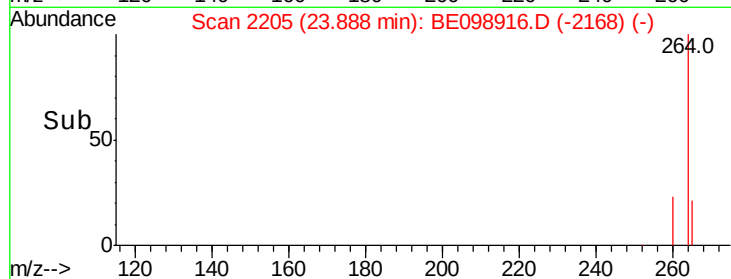
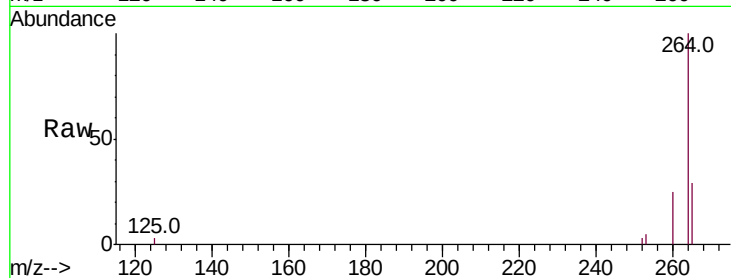
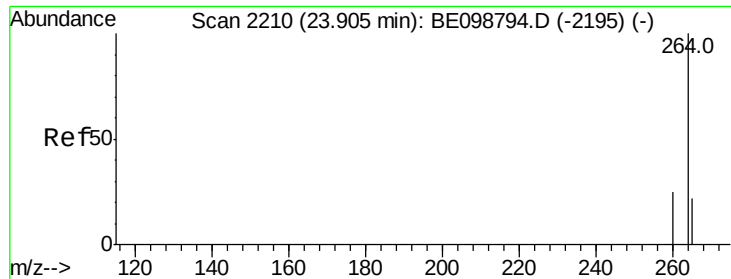


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098916.D

Acq: 13 Mar 2019 17:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7052

Ion Ratio Lower Upper

264 100

260 24.7 21.2 31.8

265 29.1 24.6 36.8

