

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098853.D
 Acq On : 9 Mar 2019 3:57
 Operator : JU/SJ
 Sample : K1793-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190306

Quant Time: Mar 09 05:36:25 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

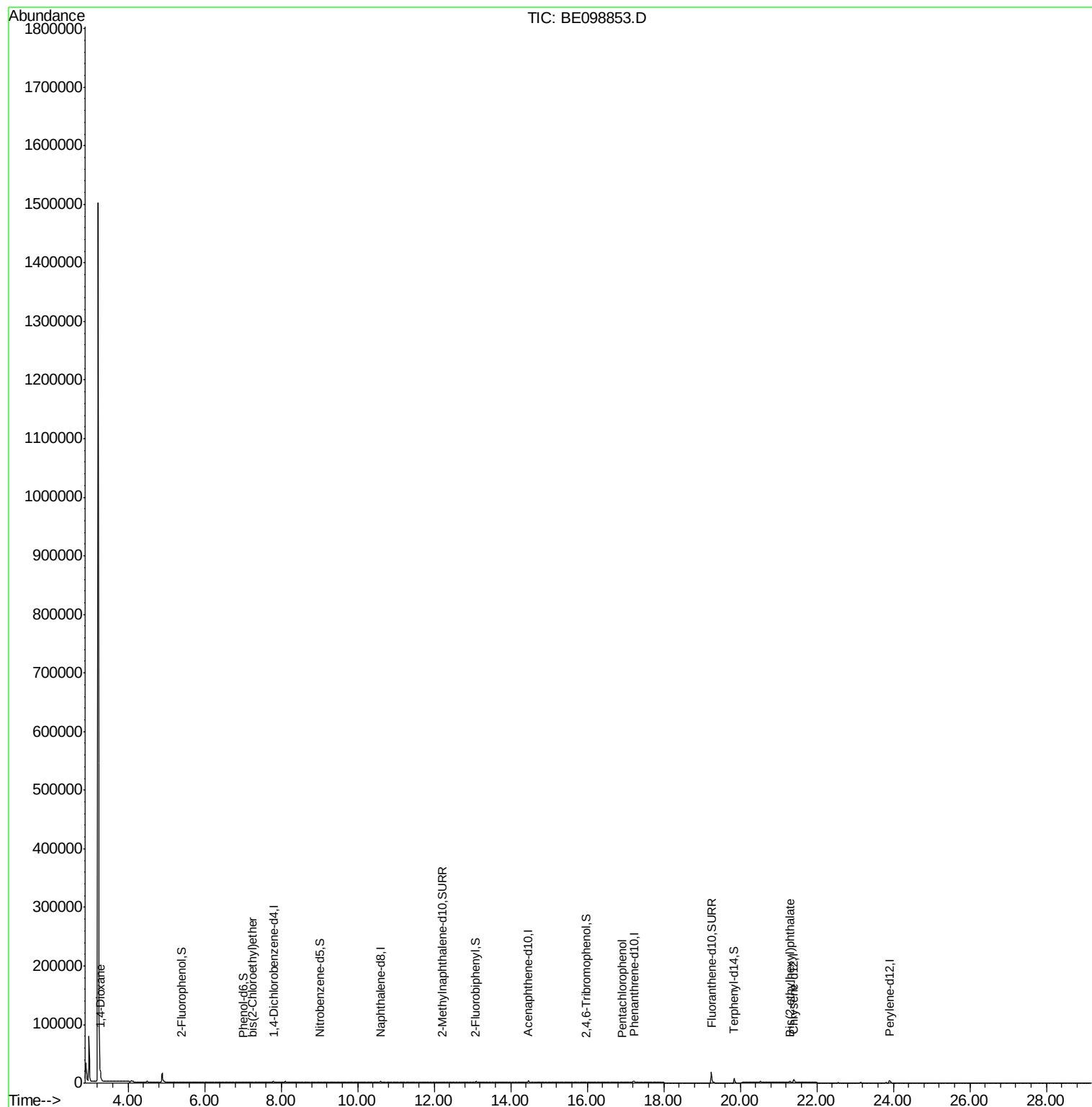
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	748	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3183	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2181	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5479	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7199	0.40	ng	0.00
34) Perylene-d12	23.90	264	7108	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	277	0.12	ng	0.01
5) Phenol-d6	7.01	99	210	0.07	ng	0.02
8) Nitrobenzene-d5	9.00	82	919	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2041	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	399	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3363	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	31374	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7833	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	5661	4.812	ng	95
6) bis(2-Chloroethyl)ether	7.24	93	216	0.089	ng	# 59
22) Pentachlorophenol	16.91	266	7	0.270	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.29	149	1225	0.026	ng	# 99

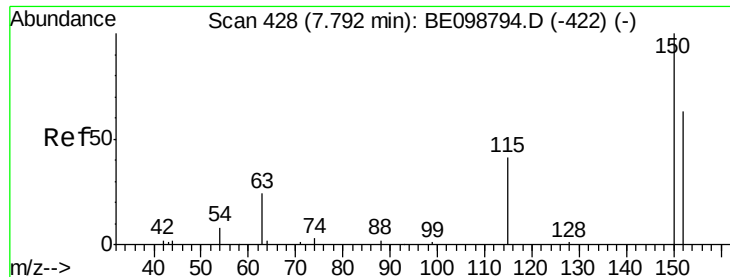
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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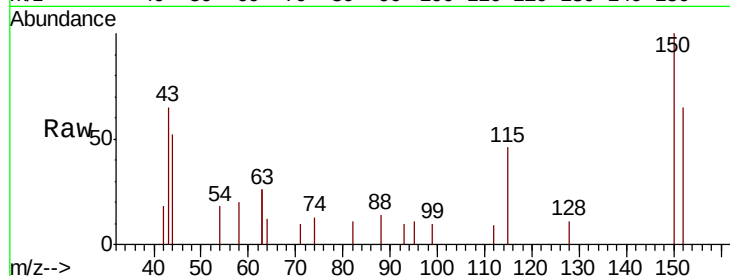


#1

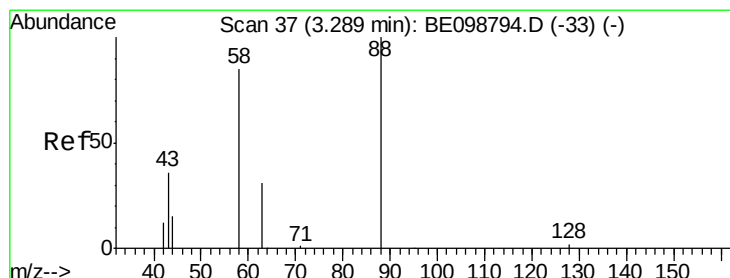
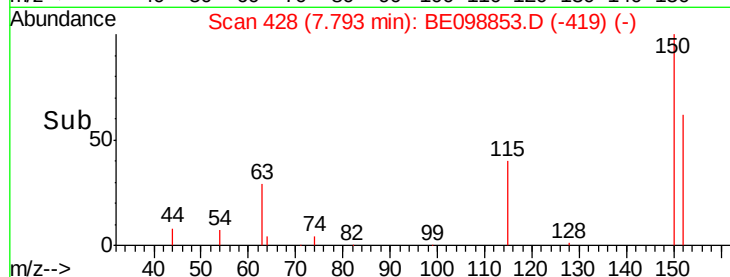
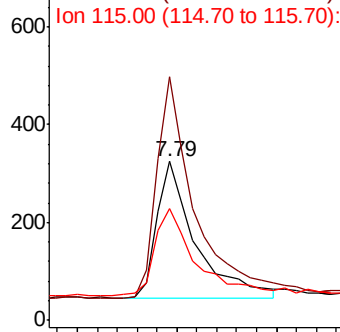
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

Instrument :
BNA_E
ClientSampleId :
RE108D2-20190306

Tot Ion:152 Resp: 748
Ion Ratio Lower Upper
152 100
150 153.2 122.5 183.7
115 70.5 57.4 86.2



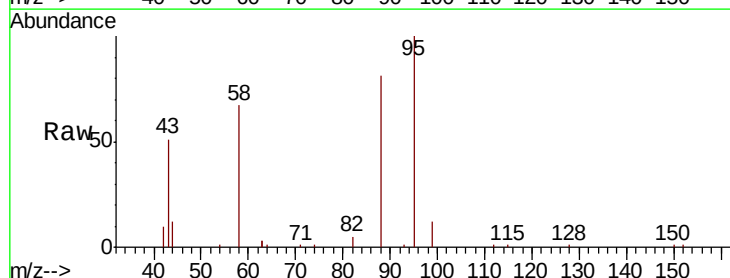
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



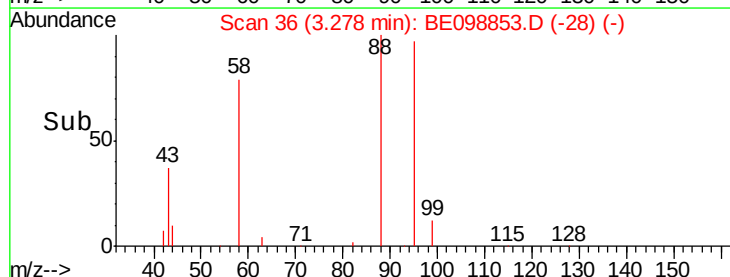
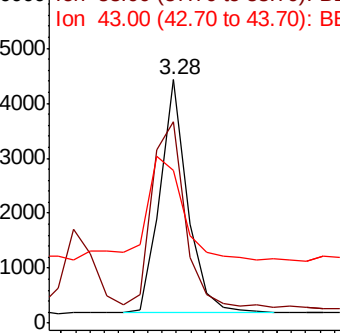
#2

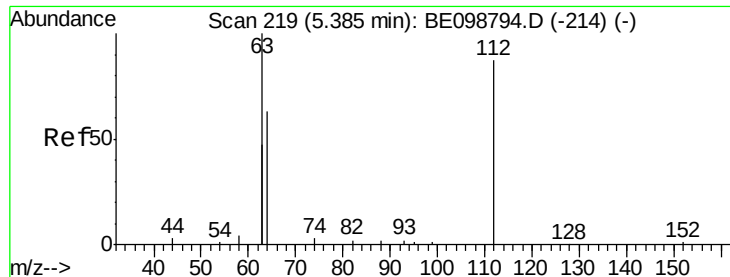
1,4-Dioxane
Concen: 4.812 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

Tgt Ion: 88 Resp: 5661
Ion Ratio Lower Upper
88 100
58 94.2 75.8 113.6
43 61.4 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: 0.124 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

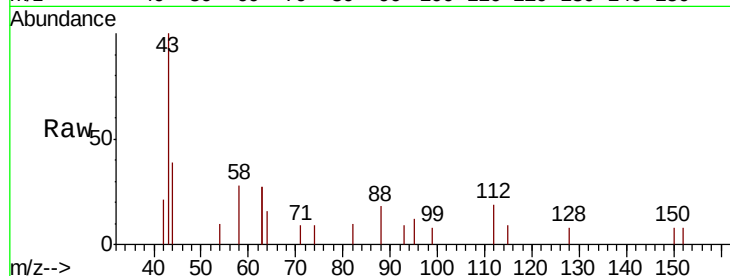
Tot Ion:112 Resp: 277

Ion Ratio Lower Upper

112 100

64 79.8 57.9 86.9

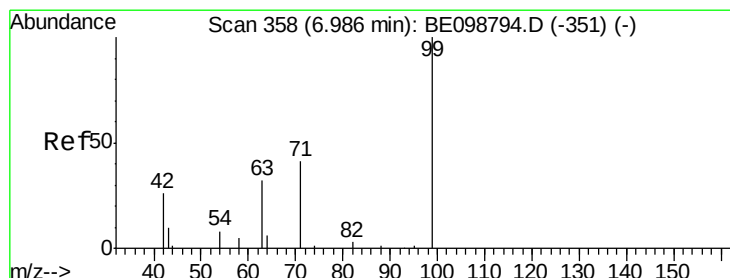
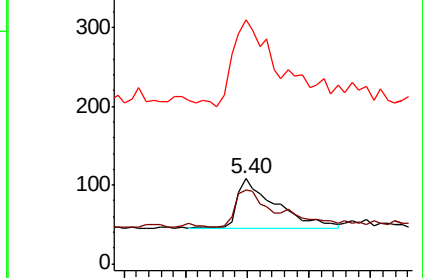
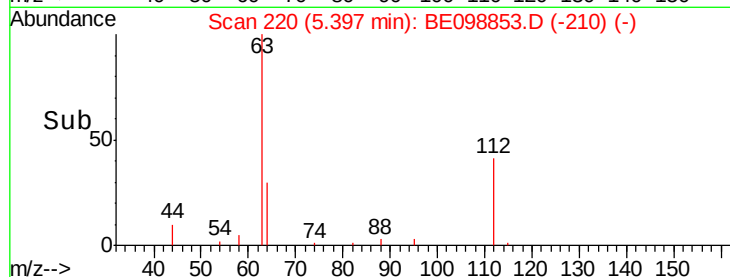
63 155.6 158.3 237.5#



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: 0.066 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

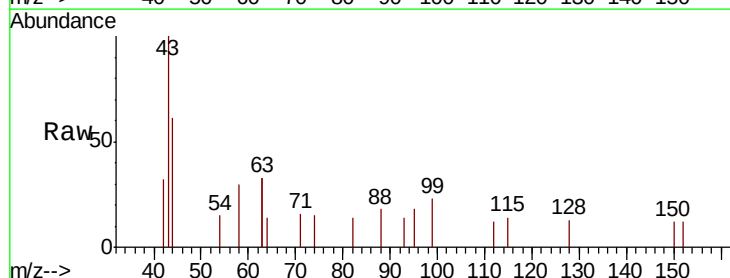
Tgt Ion: 99 Resp: 210

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

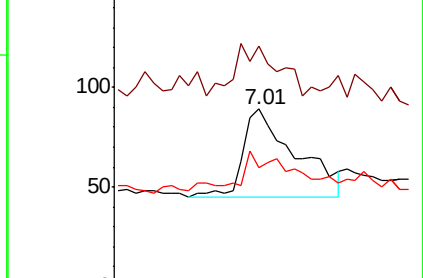
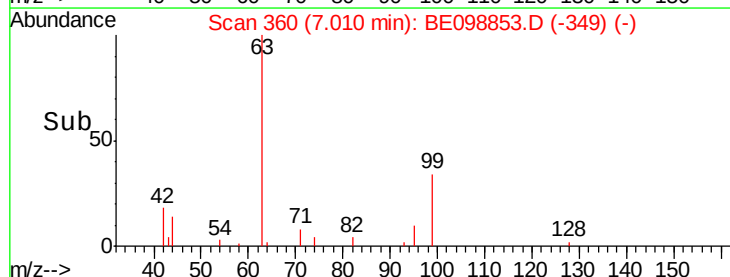
71 38.1 35.7 53.5

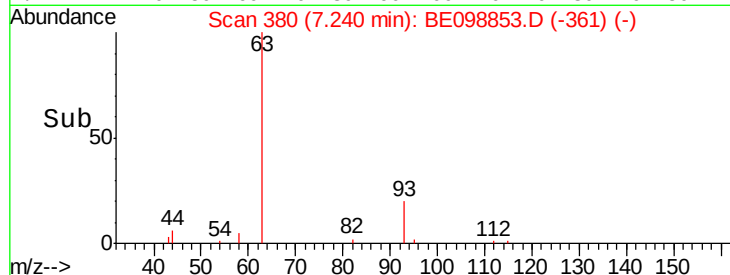
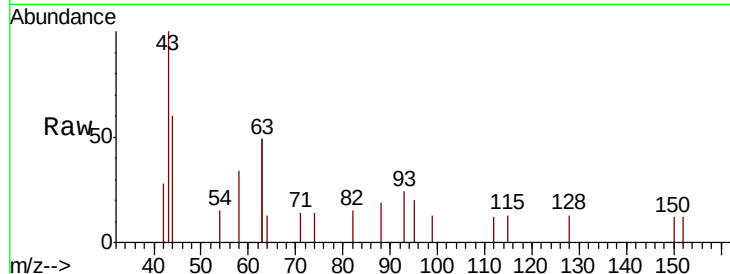
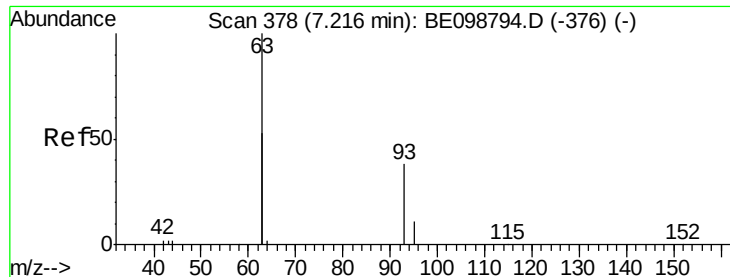


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

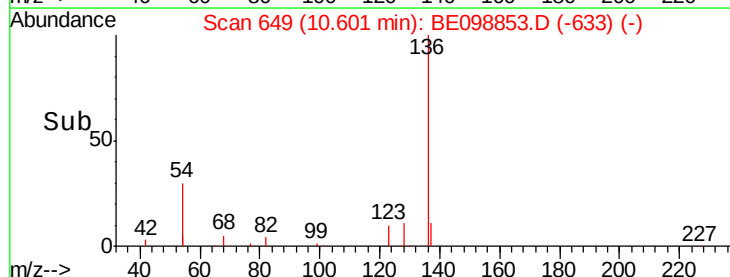
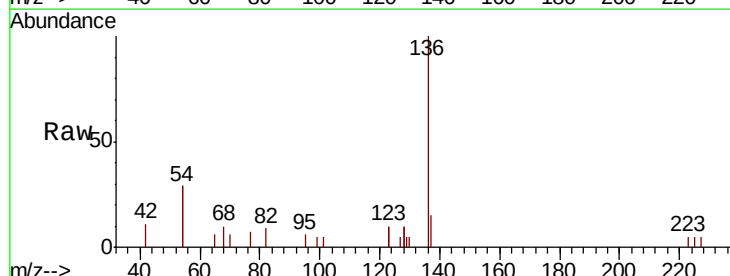
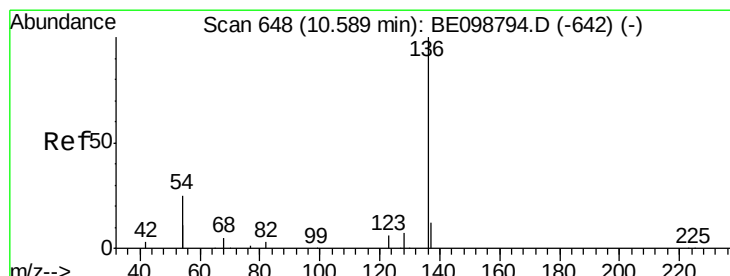
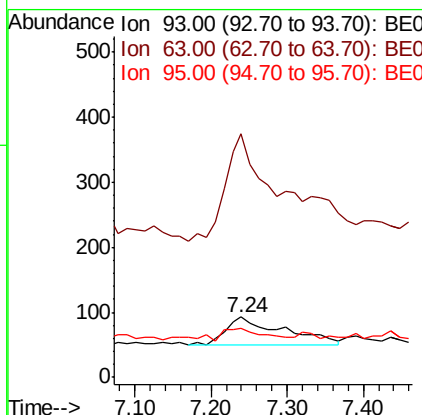




#6
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

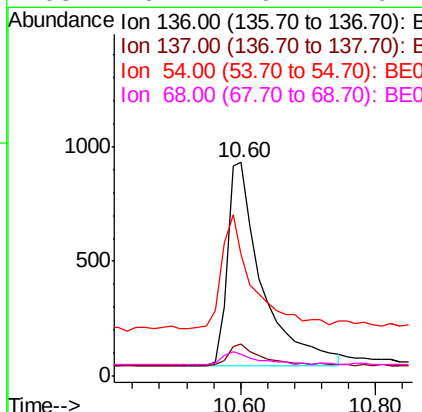
Instrument :
BNA_E
ClientSampleId :
RE108D2-20190306

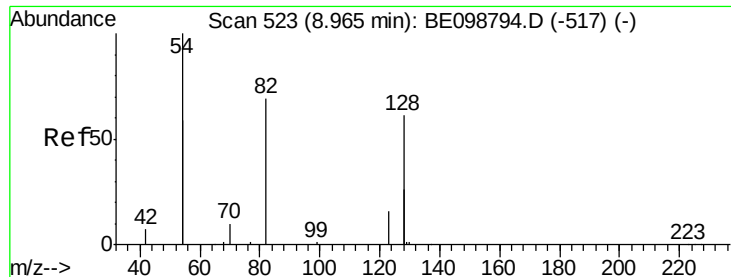
Tot Ion: 93 Resp: 216
Ion Ratio Lower Upper
93 100
63 398.1 247.5 371.3#
95 27.8 21.8 32.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

Tgt Ion: 136 Resp: 3183
Ion Ratio Lower Upper
136 100
137 14.9 11.4 17.0
54 57.1 39.3 58.9
68 10.4 6.7 10.1#

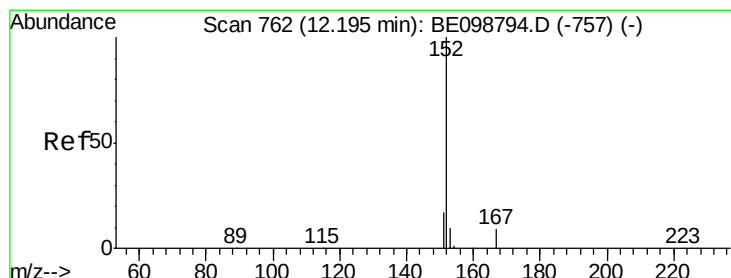
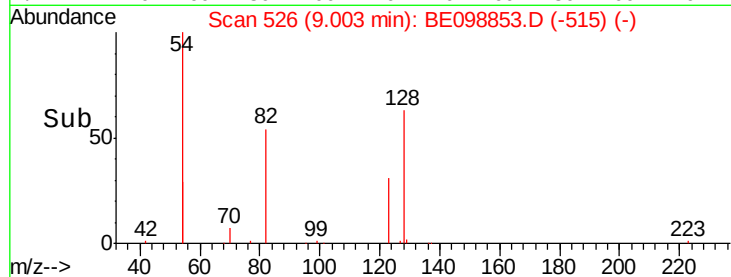
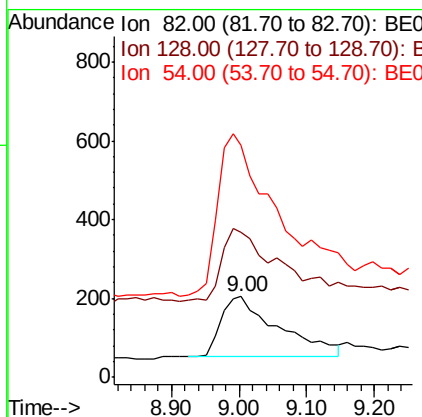
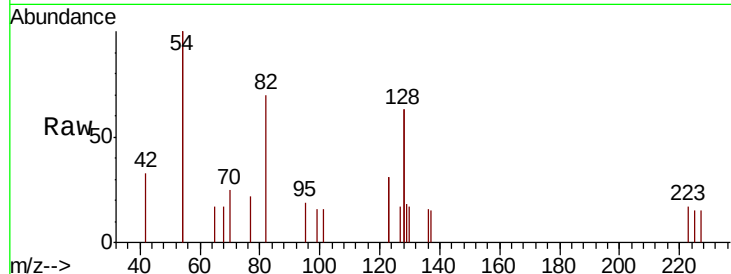




#8
 Nitrobenzene-d5
 Concen: 0.275 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098853.D
 Acq: 9 Mar 2019 3:57

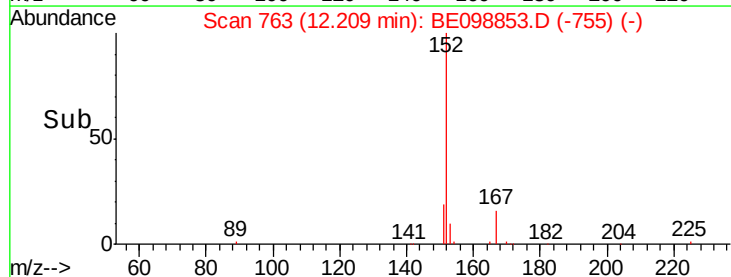
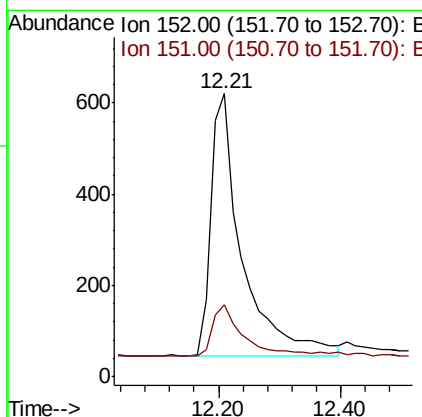
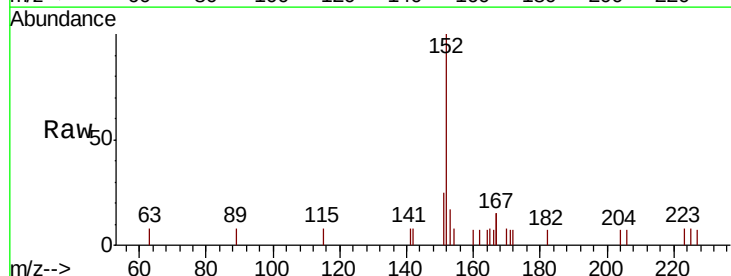
Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20190306

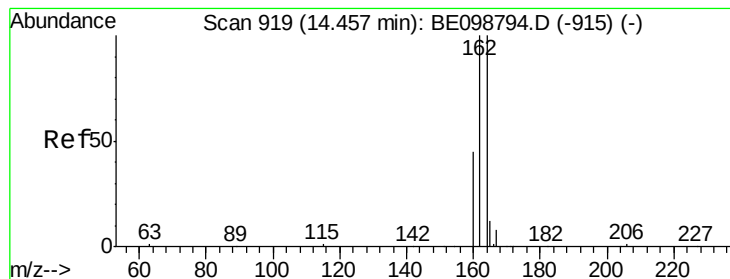
Tot Ion	Ratio	Lower	Upper
82	100		
128	179.5	123.8	185.8
54	286.8	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098853.D
 Acq: 9 Mar 2019 3:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	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: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

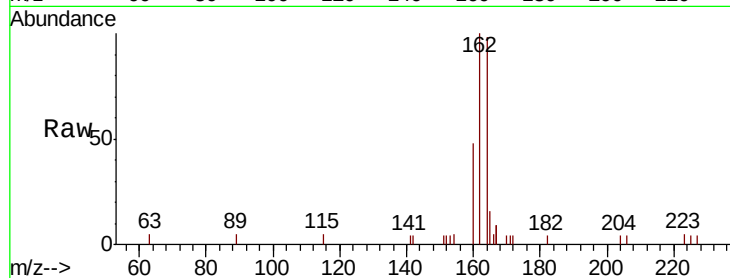
Tot Ion:164 Resp: 2181

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

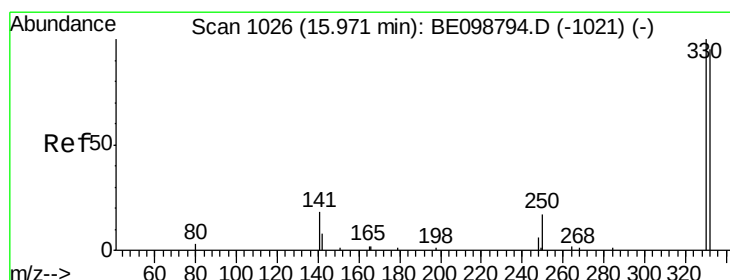
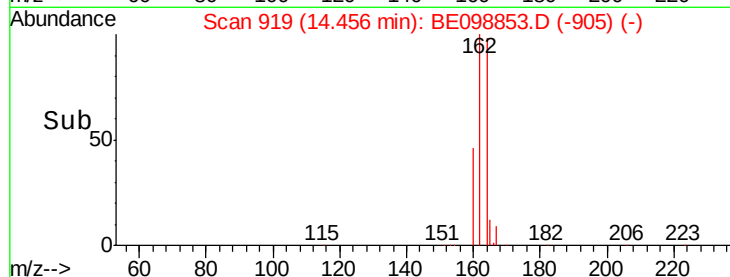
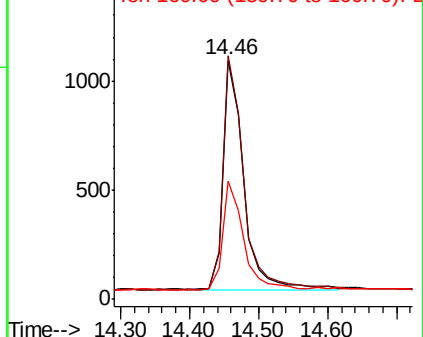
160 49.3 37.8 56.8



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: 0.362 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

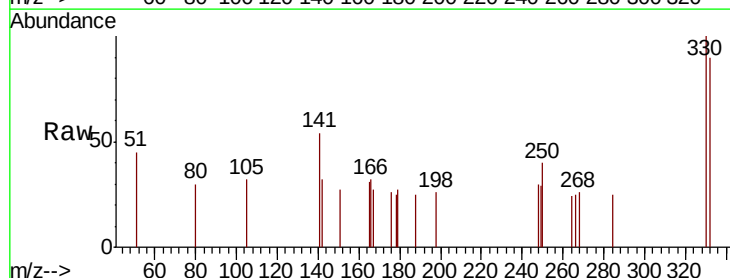
Tgt Ion:330 Resp: 399

Ion Ratio Lower Upper

330 100

332 89.5 77.6 116.4

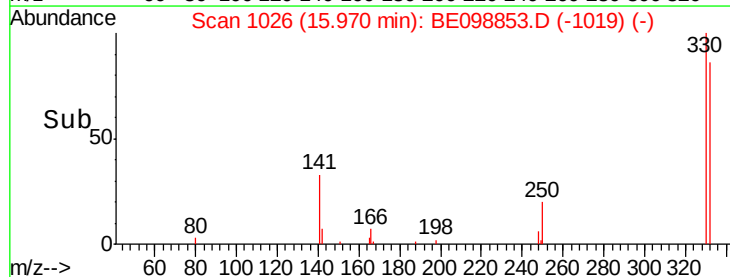
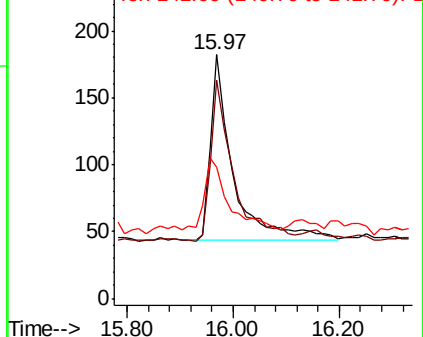
141 41.9 31.0 46.4

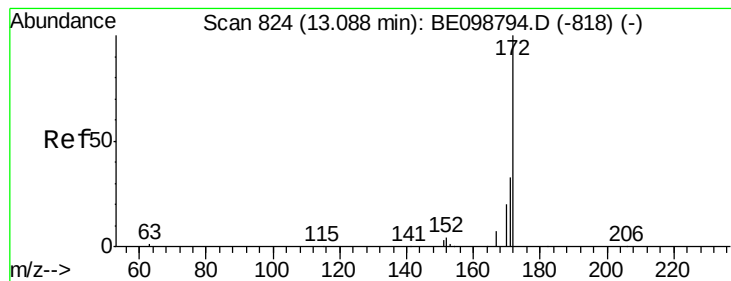


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

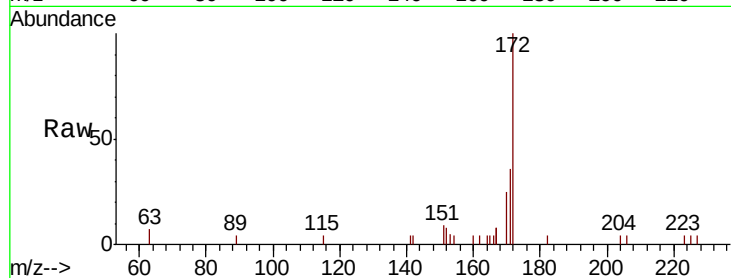




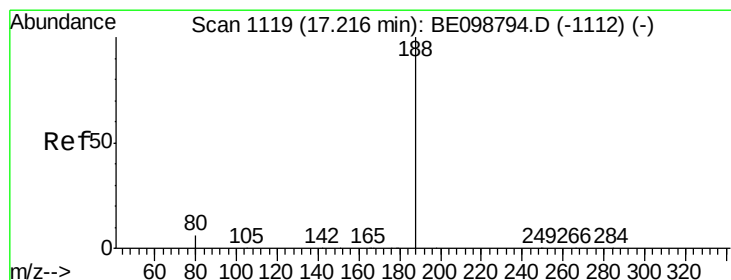
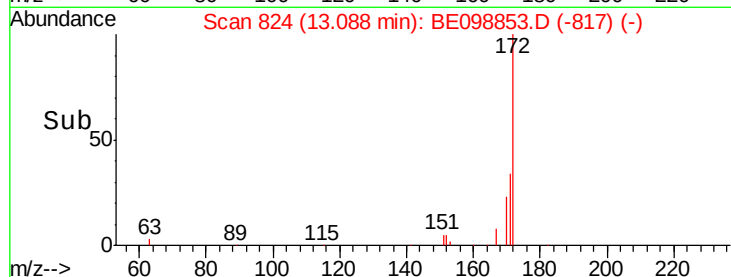
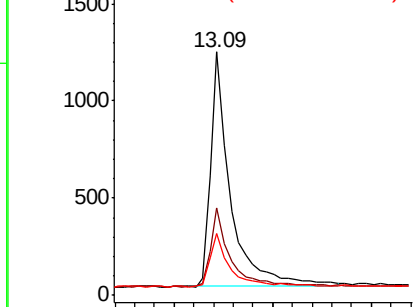
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

Instrument :
BNA_E
ClientSampleId :
RE108D2-20190306

Tot Ion:172 Resp: 3363
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 25.4 17.7 26.5

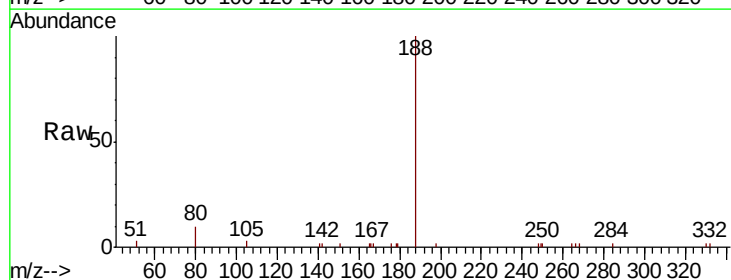


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

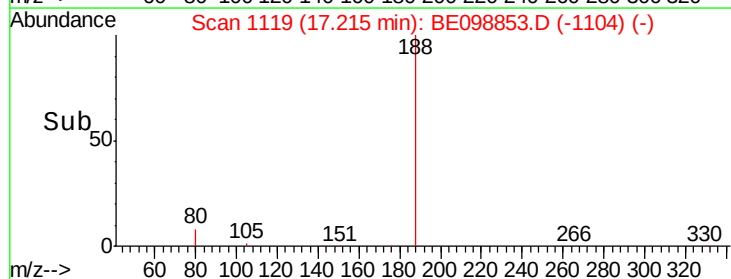
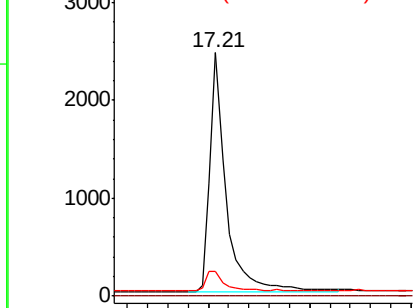


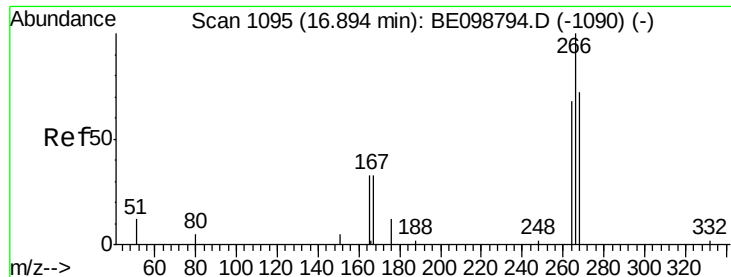
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098853.D
Acq: 9 Mar 2019 3:57

Tgt Ion:188 Resp: 5479
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 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: 0.270 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

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RE108D2-20190306

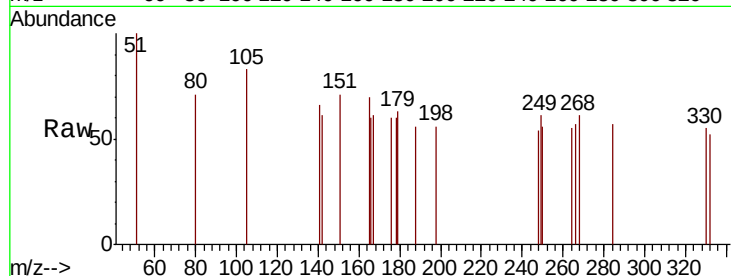
Tot Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

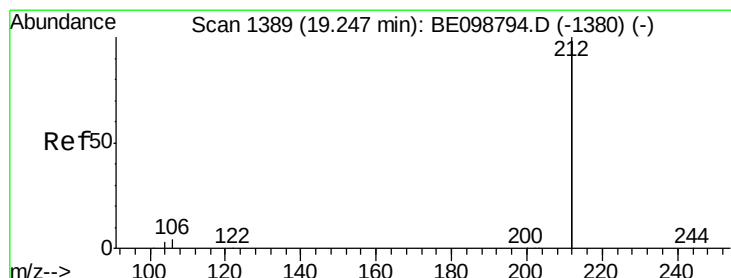
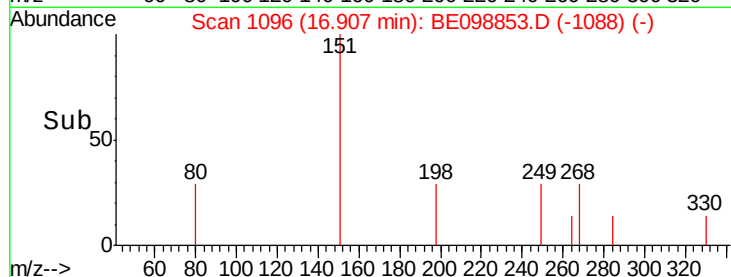
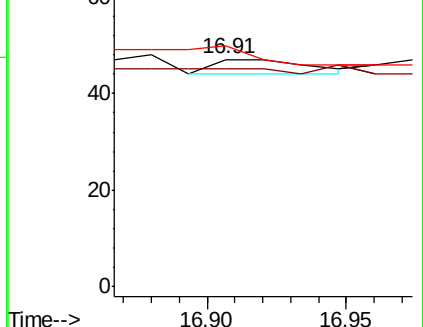
268 106.4 69.8 104.8#



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: 0.359 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

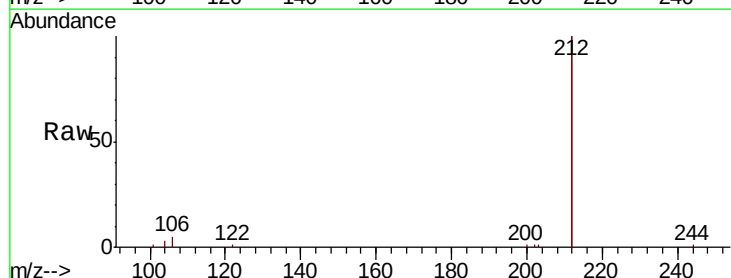
Tgt Ion:212 Resp: 31374

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

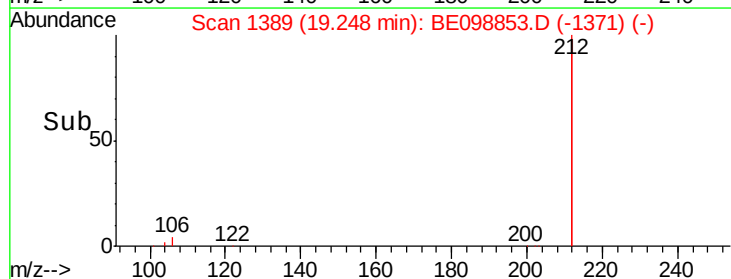
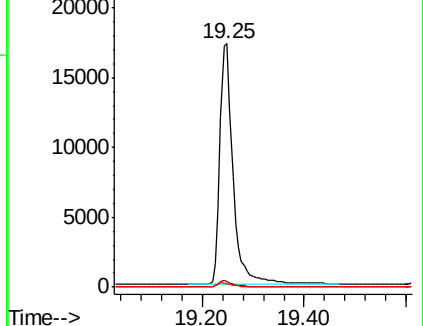
104 1.3 1.0 1.6

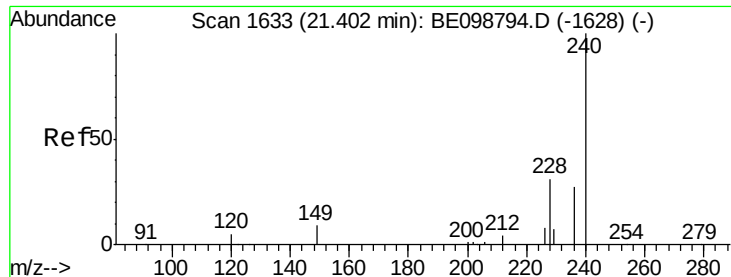


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

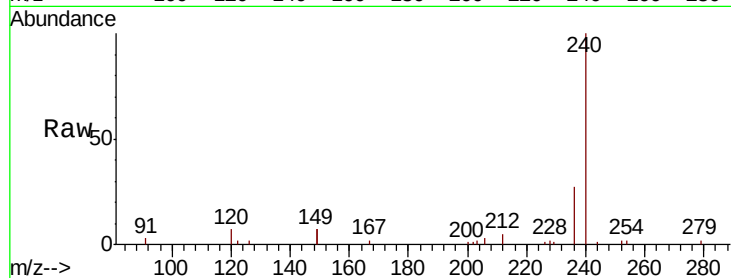
Tot Ion:240 Resp: 7199

Ion Ratio Lower Upper

240 100

120 7.3 5.0 7.4

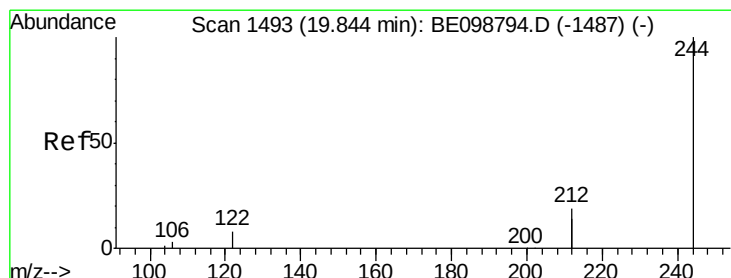
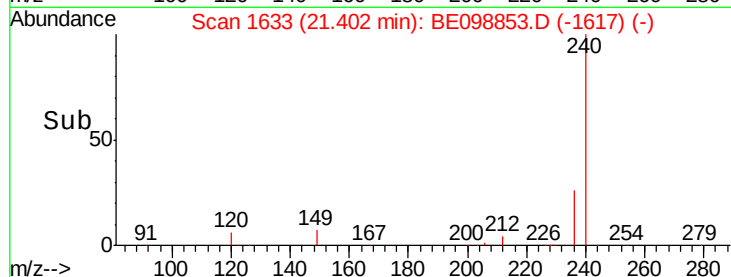
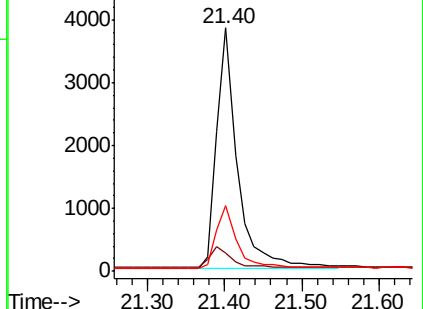
236 26.8 22.7 34.1



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: 0.448 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

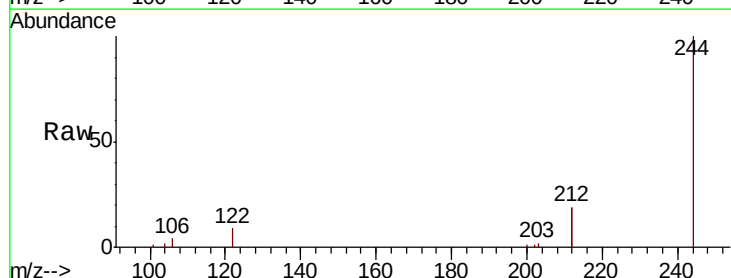
Tgt Ion:244 Resp: 7833

Ion Ratio Lower Upper

244 100

212 38.8 29.4 44.2

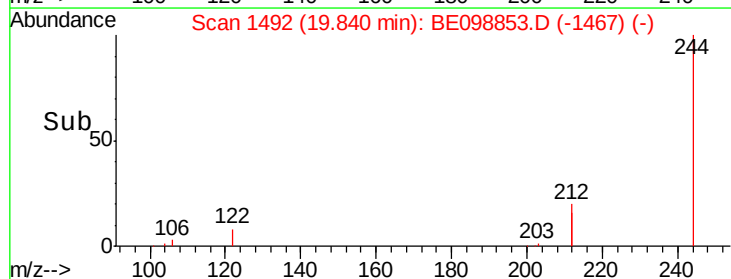
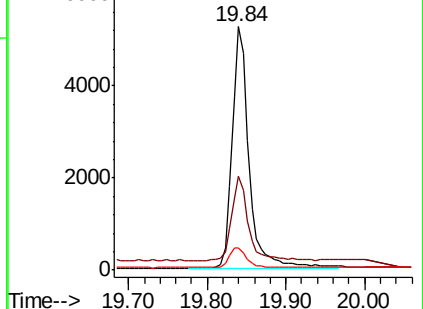
122 9.3 7.1 10.7

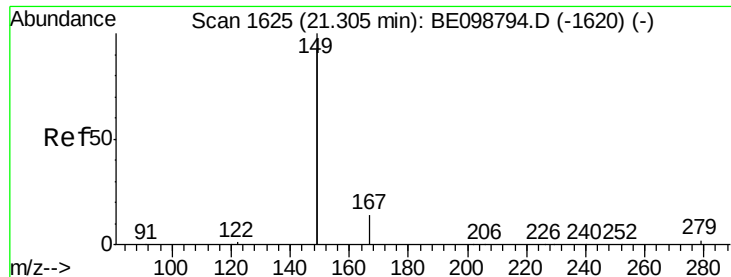


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.026 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

Instrument :

BNA_E

ClientSampleId :

RE108D2-20190306

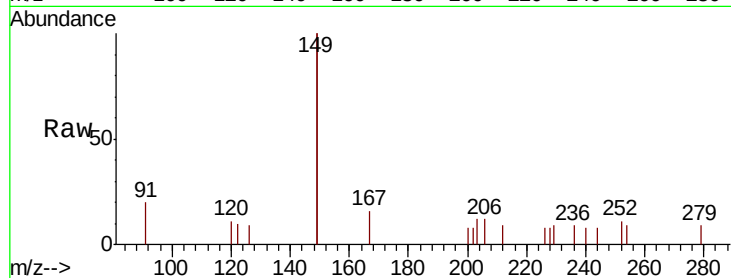
Tot Ion:149 Resp: 1225

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

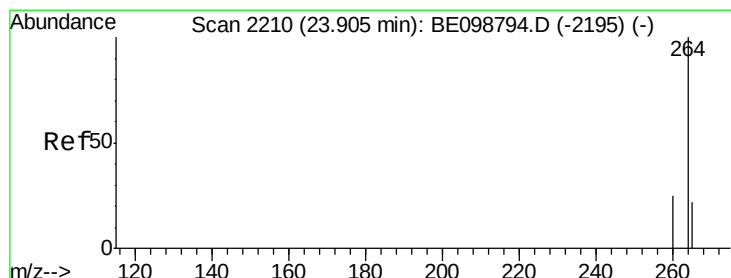
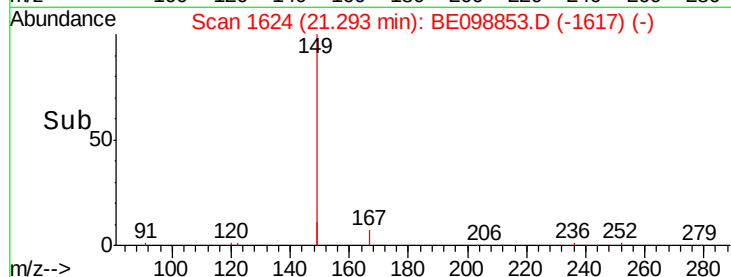
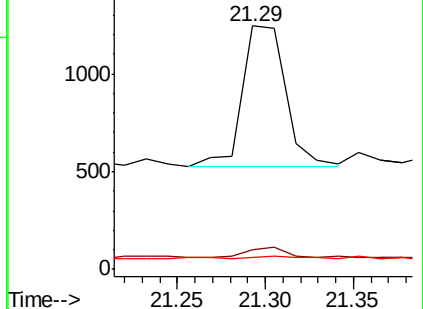
279 2.3 1.0 1.4#



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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098853.D

Acq: 9 Mar 2019 3:57

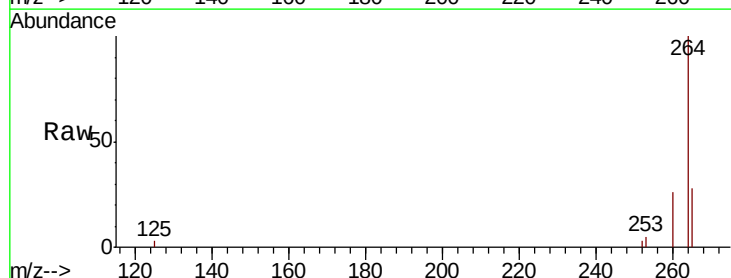
Tgt Ion:264 Resp: 7108

Ion Ratio Lower Upper

264 100

260 25.8 21.2 31.8

265 28.2 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

