

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098840.D
 Acq On : 8 Mar 2019 18:36
 Operator : JU/SJ
 Sample : K1793-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190305

Quant Time: Mar 09 00:46:01 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	833	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3323	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2301	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5485	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7327	0.40	ng	0.00
34) Perylene-d12	23.90	264	7026	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	284	0.11	ng	0.01
5) Phenol-d6	6.97	99	302	0.09	ng	-0.01
8) Nitrobenzene-d5	8.98	82	1186	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2016	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	444	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3639	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	28919	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8047	0.45	ng	0.00

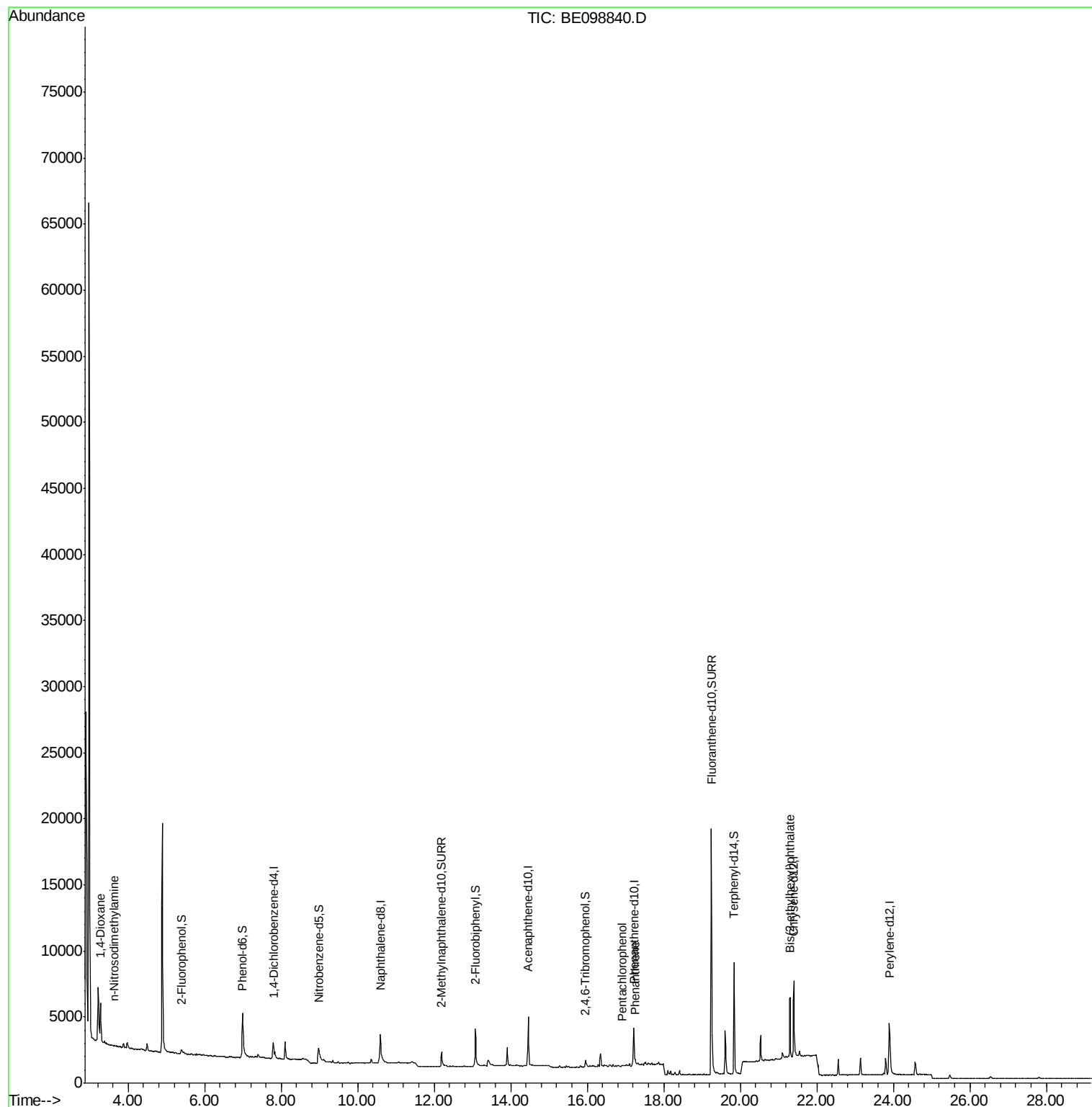
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1655	1.186	ng	# 86
3) n-Nitrosodimethylamine	3.63	42	81	0.039	ng	# 14
22) Pentachlorophenol	16.91	266	9	0.272	ng	87
23) Phenanthrene	17.26	178	357	0.023	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.31	149	6846	0.141	ng	100

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

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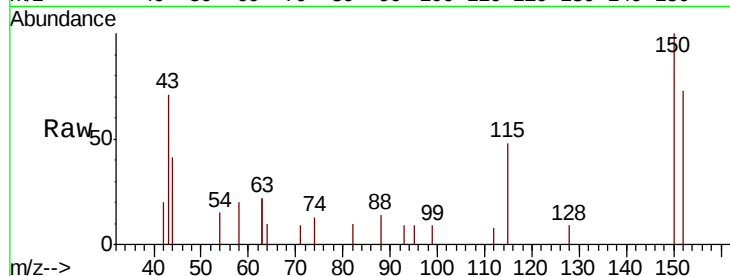


#1

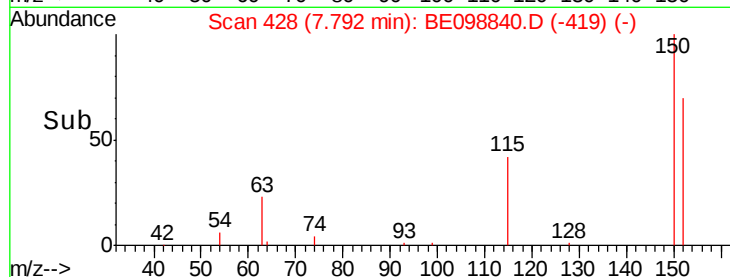
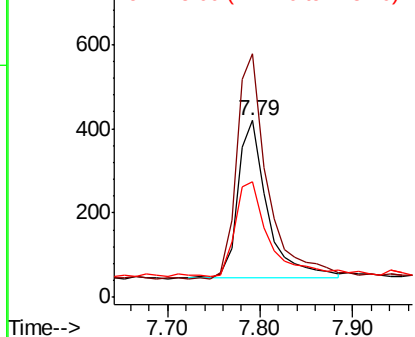
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tot Ion:152 Resp: 833
Ion Ratio Lower Upper
152 100
150 137.7 122.5 183.7
115 65.6 57.4 86.2



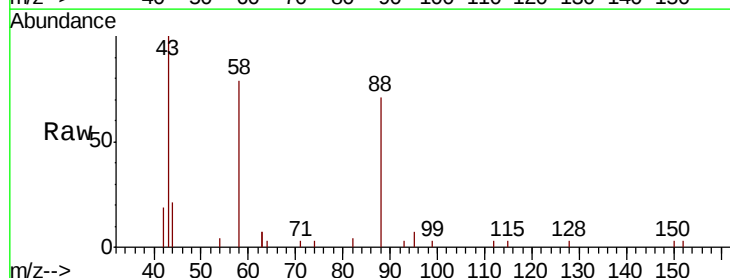
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



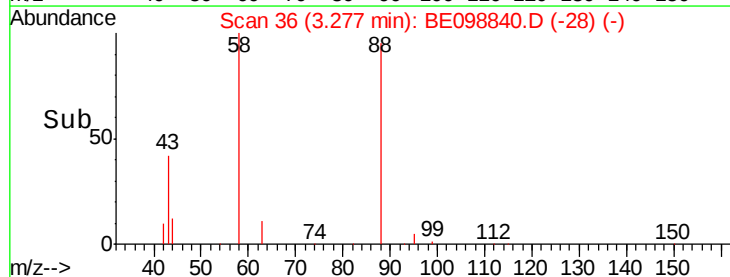
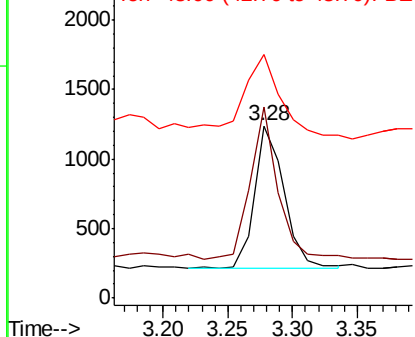
#2

1,4-Dioxane
Concen: 1.186 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion: 88 Resp: 1655
Ion Ratio Lower Upper
88 100
58 99.0 75.8 113.6
43 74.3 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



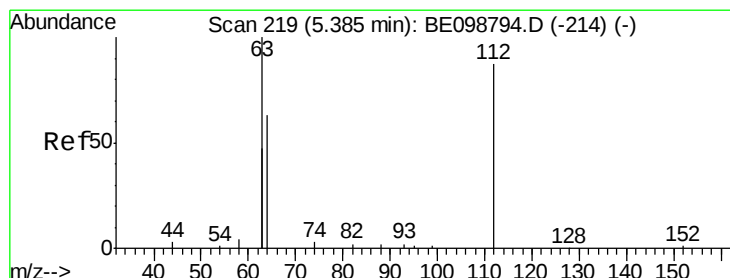
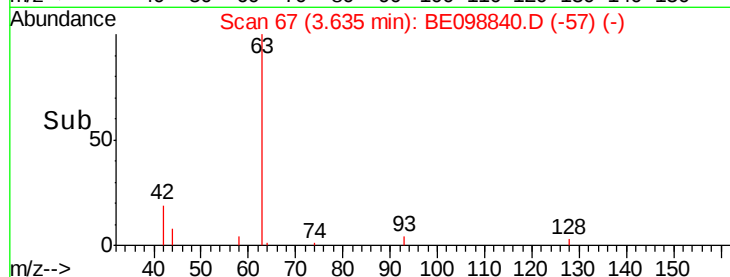
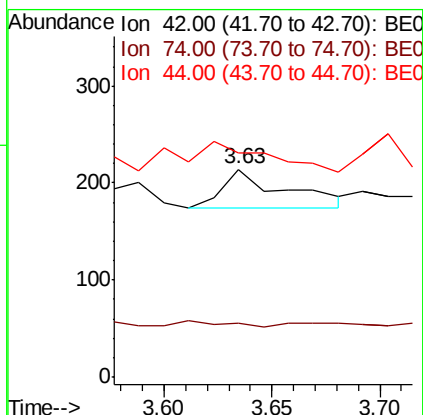
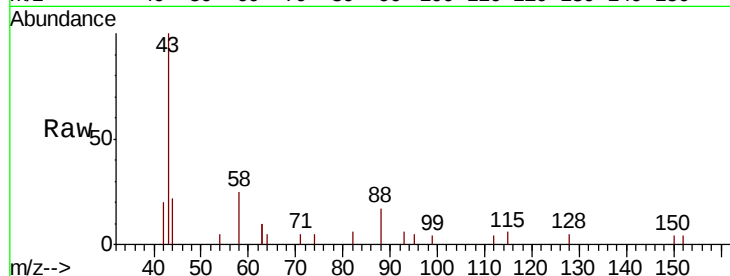


#3

n-Nitrosodimethylamine
 Concen: 0.039 ng
 RT: 3.63 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE098840.D
 Acq: 8 Mar 2019 18:36

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190305

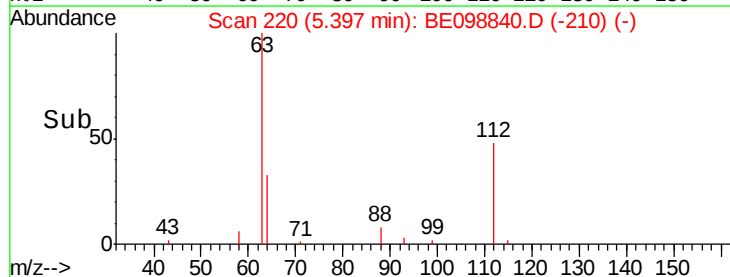
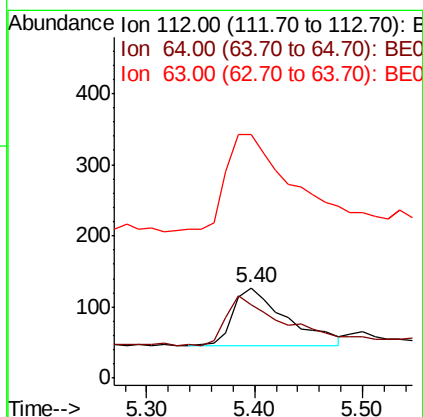
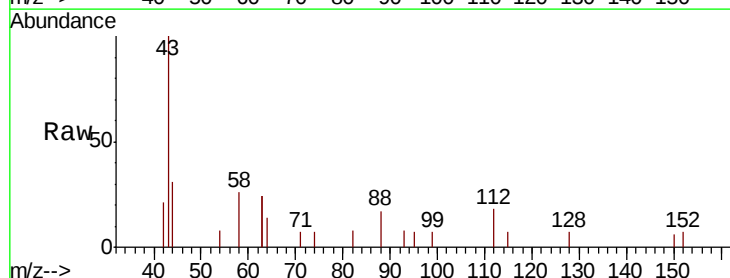
Tot Ion: 42 Resp: 81
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 109.9 0.0 0.0#



#4

2-Fluorophenol
 Concen: 0.114 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098840.D
 Acq: 8 Mar 2019 18:36

Tgt Ion: 112 Resp: 284
 Ion Ratio Lower Upper
 112 100
 64 106.3 57.9 86.9#
 63 224.6 158.3 237.5





#5

Phenol-d6

Concen: 0.086 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

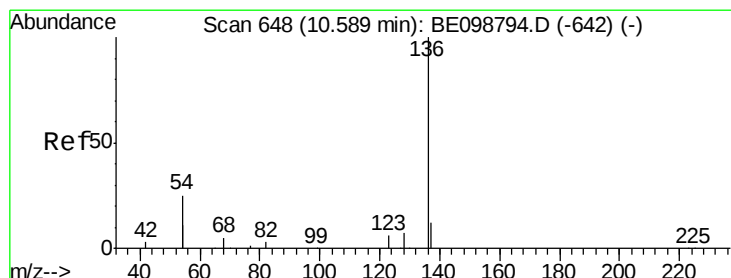
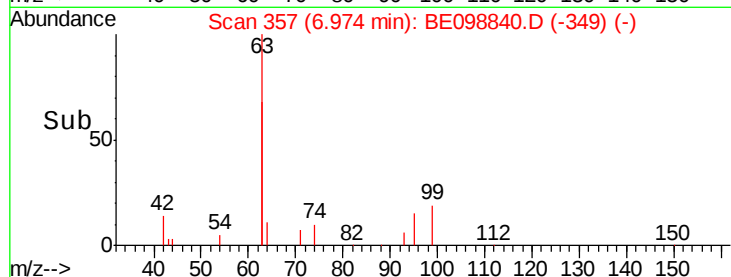
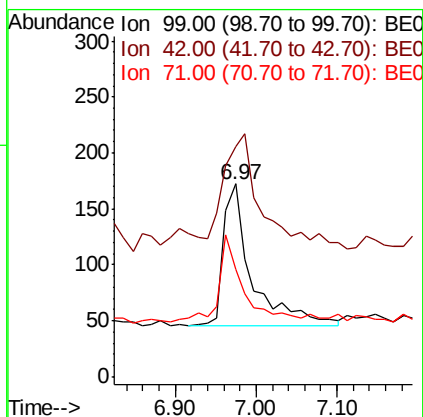
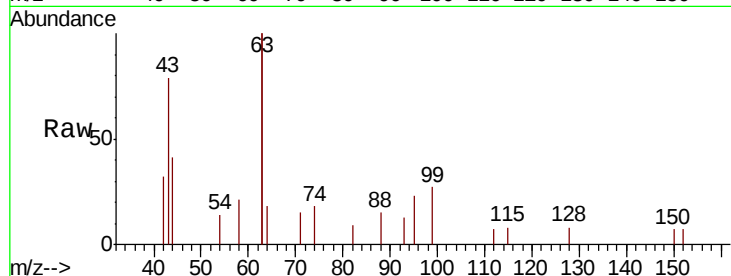
Tot Ion: 99 Resp: 302

Ion Ratio Lower Upper

99 100

42 110.3 24.2 36.2#

71 0.0 35.7 53.5#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Tgt Ion: 136 Resp: 3323

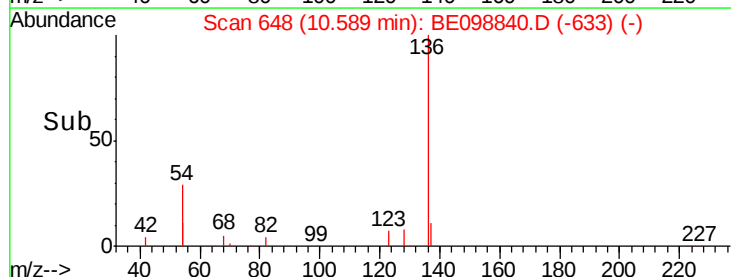
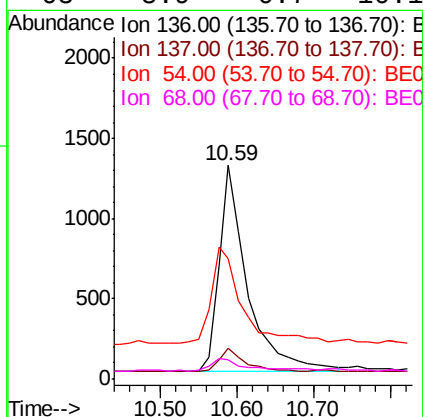
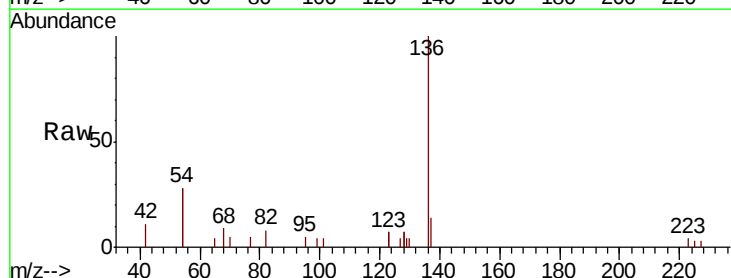
Ion Ratio Lower Upper

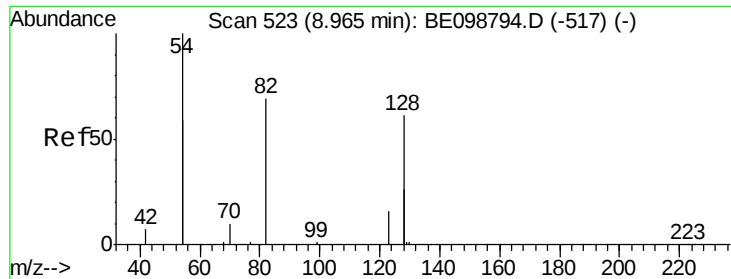
136 100

137 14.3 11.4 17.0

54 56.6 39.3 58.9

68 8.9 6.7 10.1

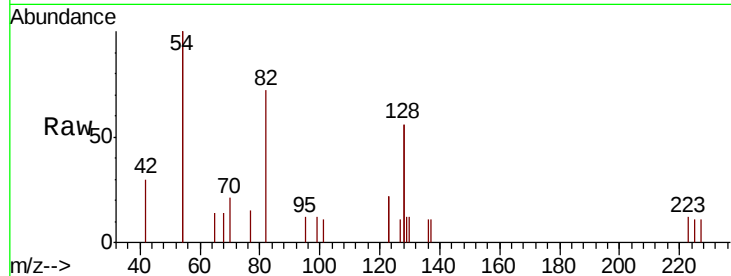




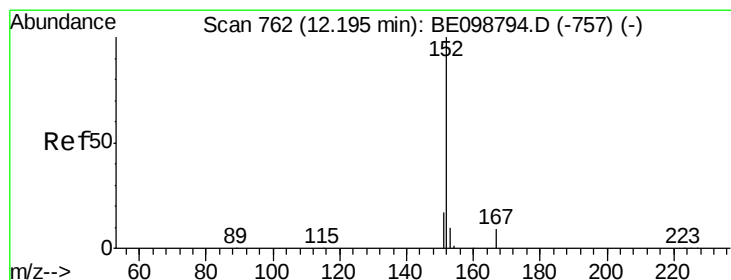
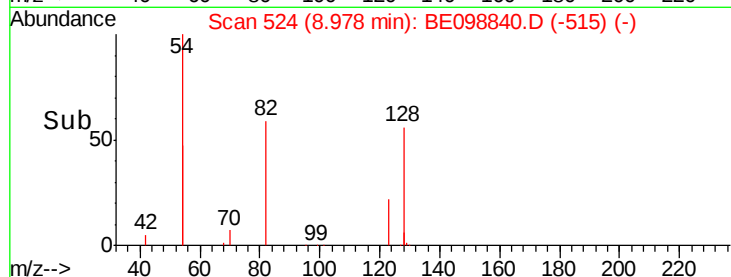
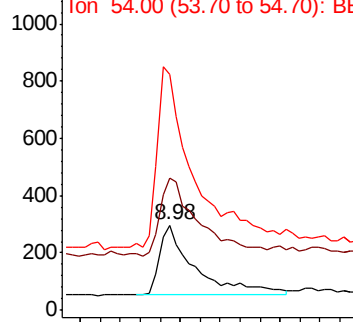
#8
 Nitrobenzene-d5
 Concen: 0.340 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098840.D
 Acq: 8 Mar 2019 18:36

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190305

Tot Ion: 82 Resp: 1186
 Ion Ratio Lower Upper
 82 100
 128 156.1 123.8 185.8
 54 278.4 203.4 305.2

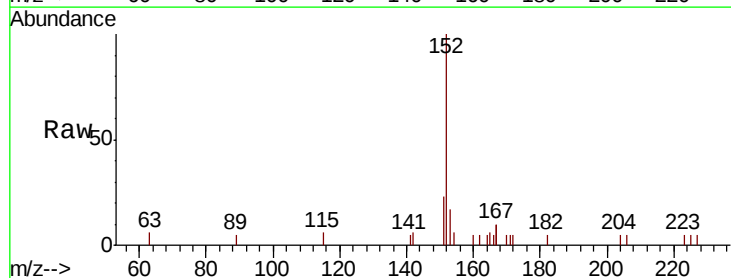


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

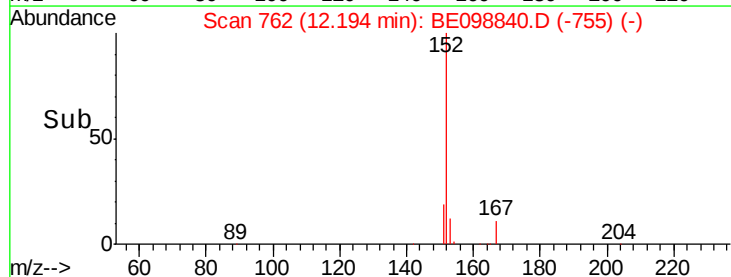
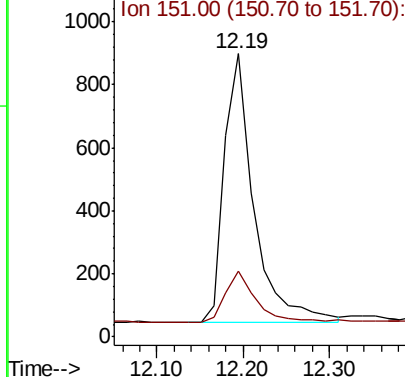


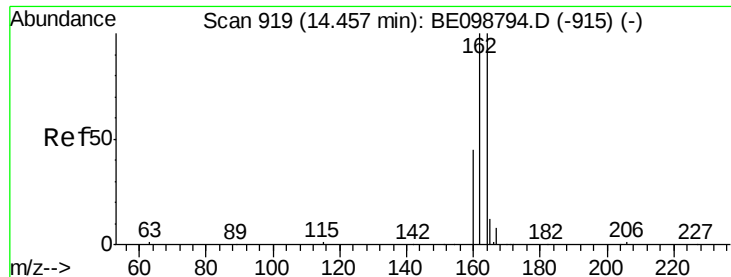
#11
 2-Methylnaphthalene-d10
 Concen: 0.328 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE098840.D
 Acq: 8 Mar 2019 18:36

Tgt Ion: 152 Resp: 2016
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

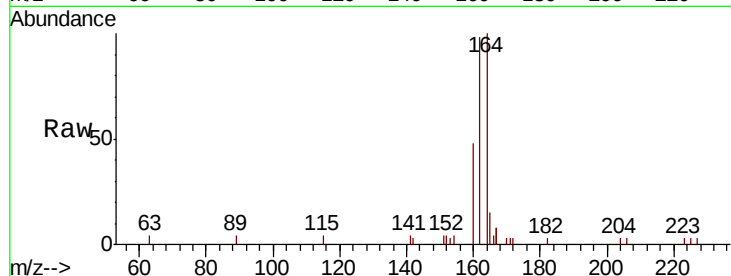




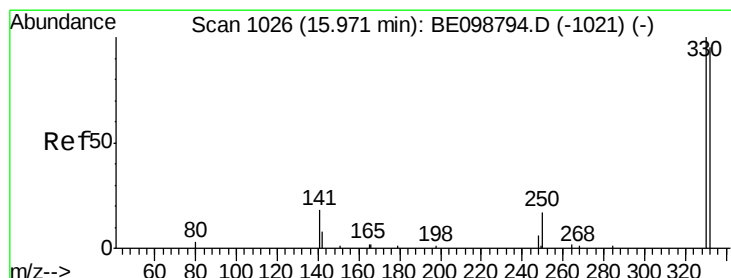
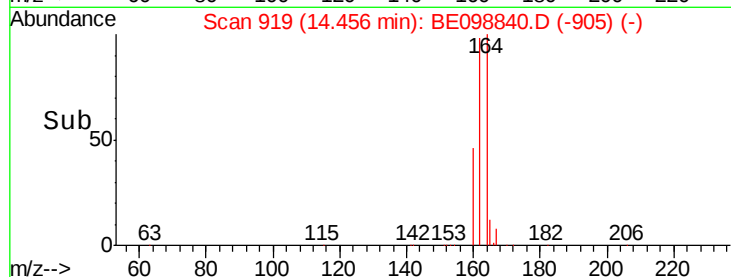
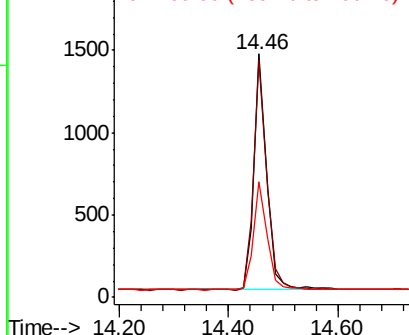
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
RE131D3-20190305

Tot Ion:164 Resp: 2301
Ion Ratio Lower Upper
164 100
162 97.6 80.2 120.2
160 47.7 37.8 56.8

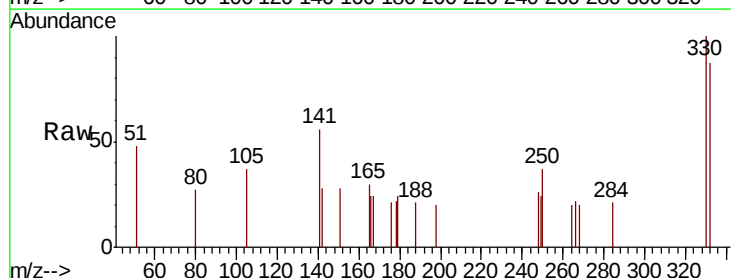


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

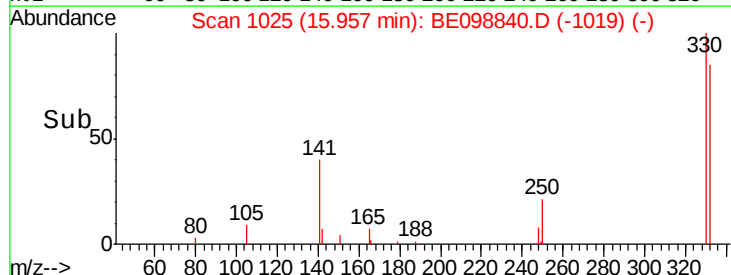
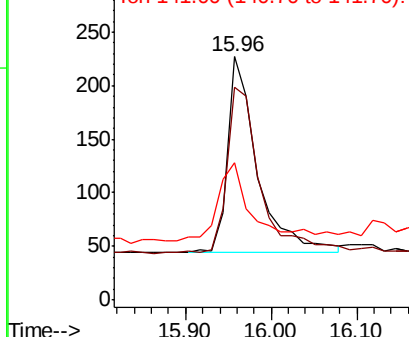


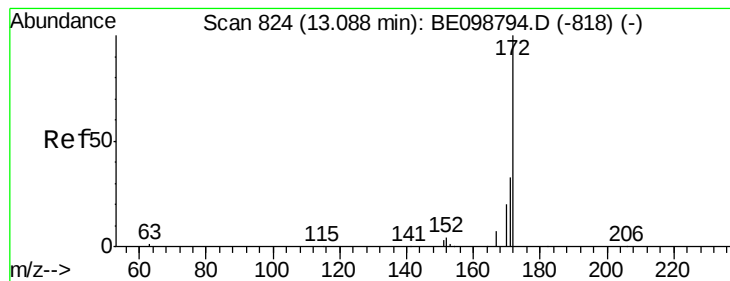
#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:330 Resp: 444
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 37.4 31.0 46.4



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

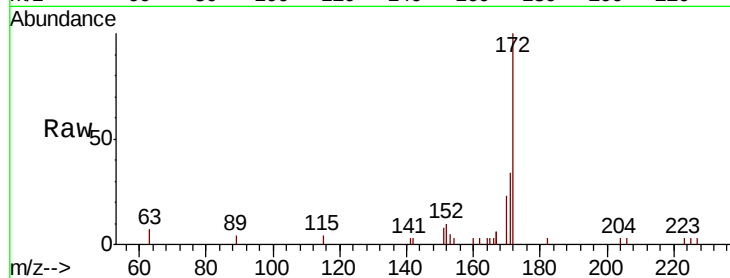




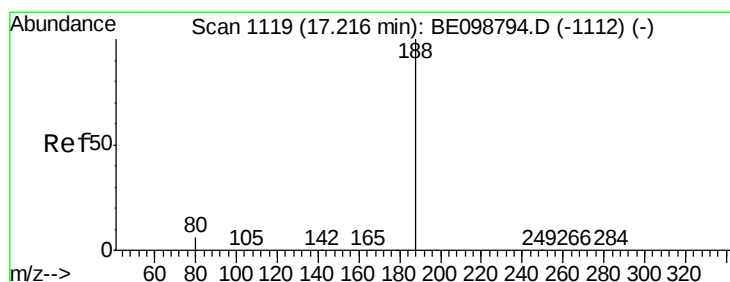
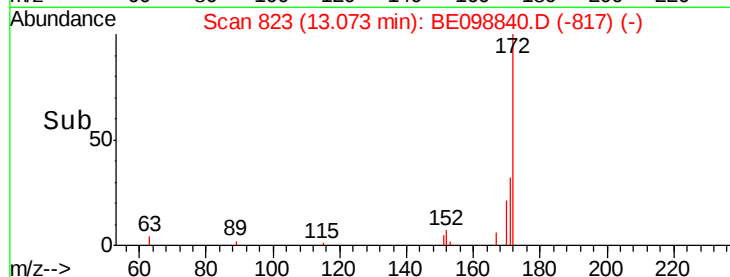
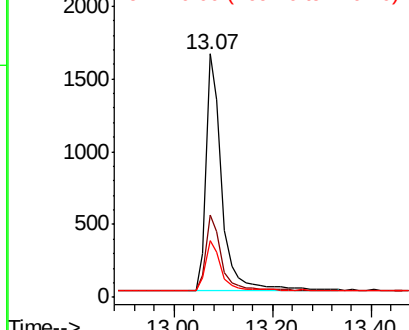
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Instrument :
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RE131D3-20190305

Tot Ion:172 Resp: 3639
Ion Ratio Lower Upper
172 100
171 33.7 28.0 42.0
170 23.4 17.7 26.5

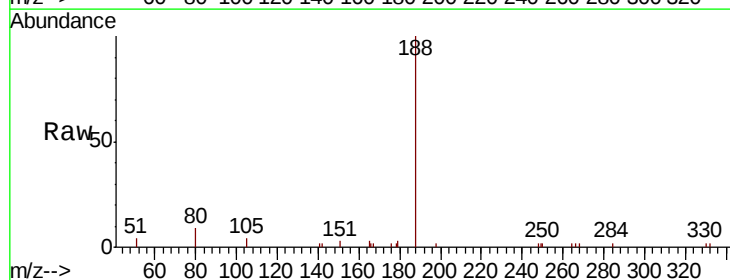


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

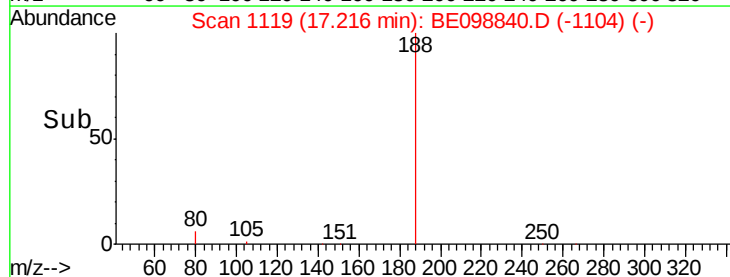
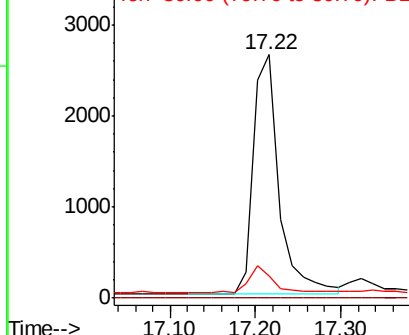


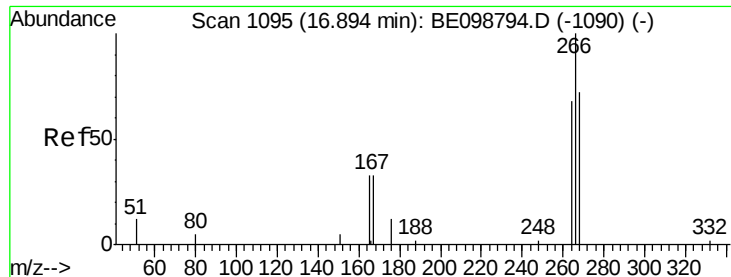
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE098840.D
Acq: 8 Mar 2019 18:36

Tgt Ion:188 Resp: 5485
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 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: 0.272 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

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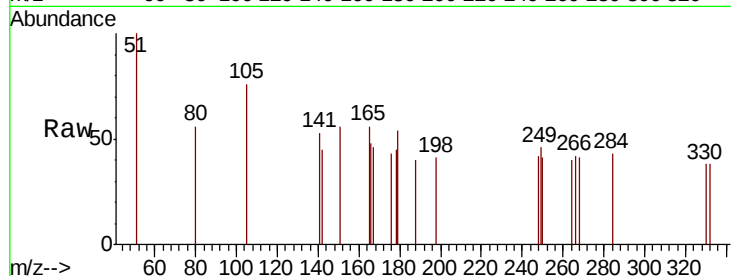
Tot Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

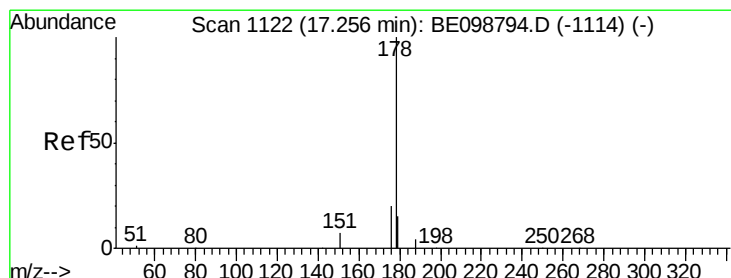
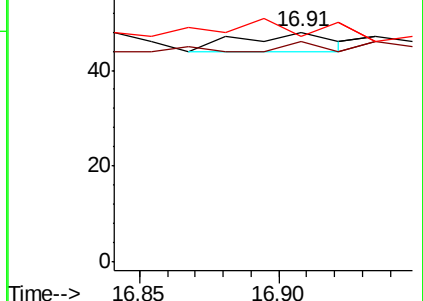
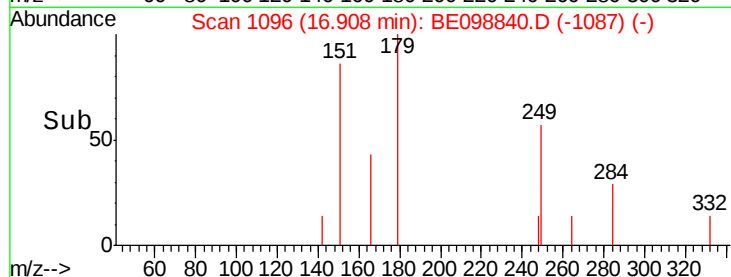
268 97.9 69.8 104.8



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



#23

Phenanthrene

Concen: 0.023 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

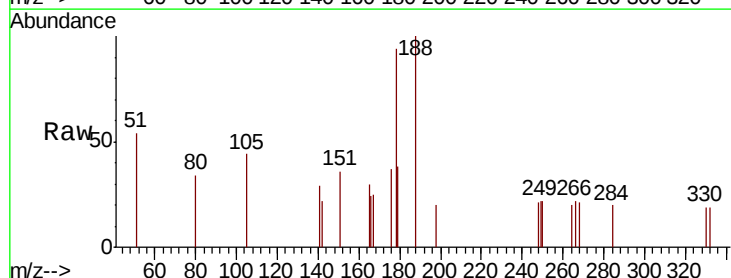
Tgt Ion:178 Resp: 357

Ion Ratio Lower Upper

178 100

176 26.9 16.0 24.0#

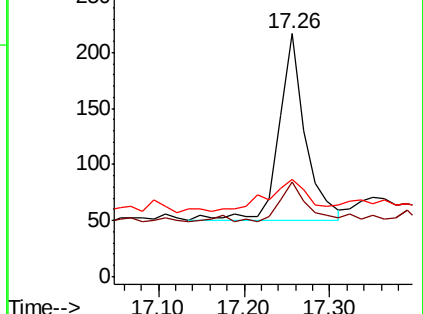
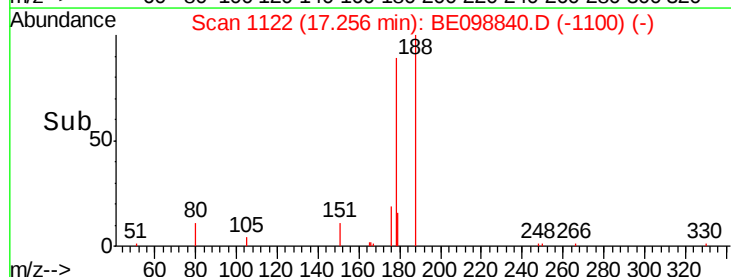
179 26.3 12.1 18.1#

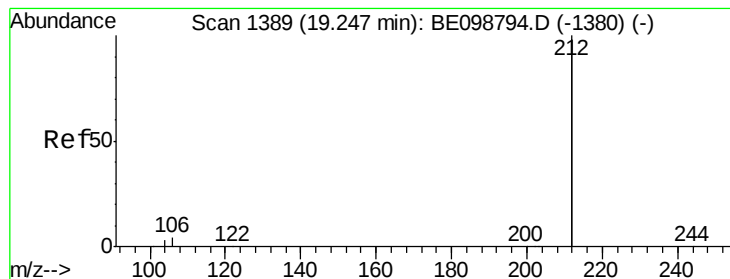


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.330 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

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ClientSampleId :

RE131D3-20190305

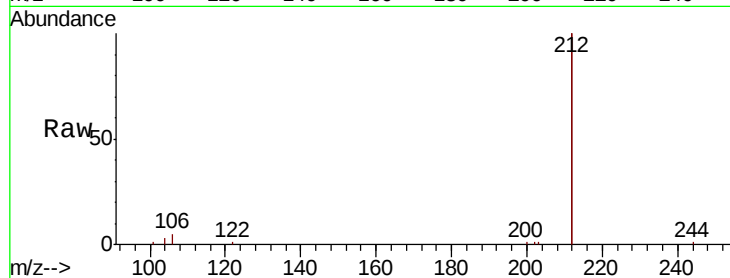
Tot Ion:212 Resp: 28919

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

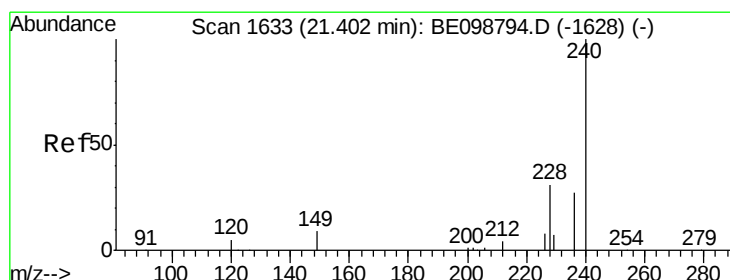
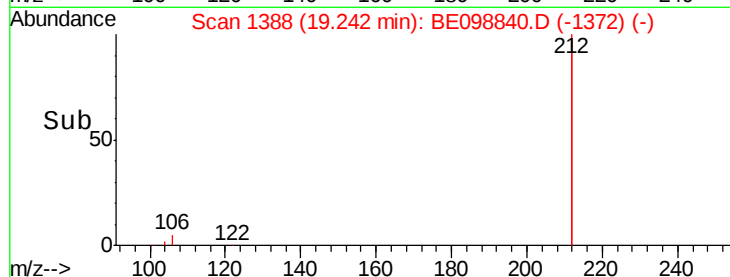
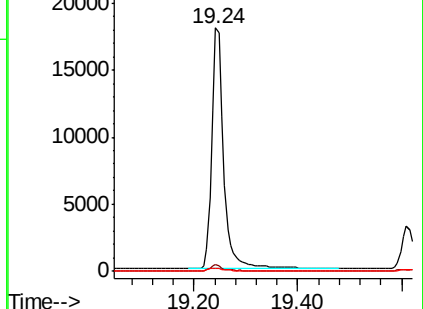
104 1.4 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

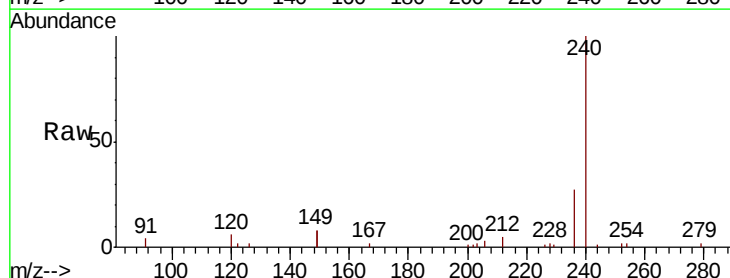
Tgt Ion:240 Resp: 7327

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.4

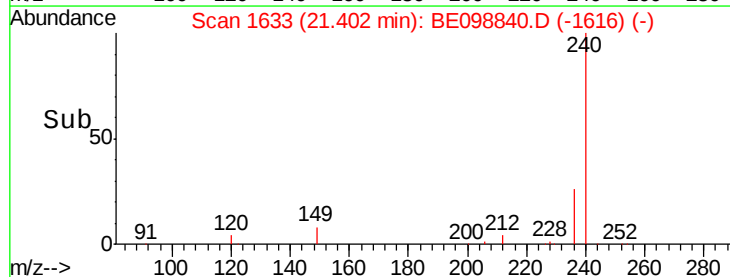
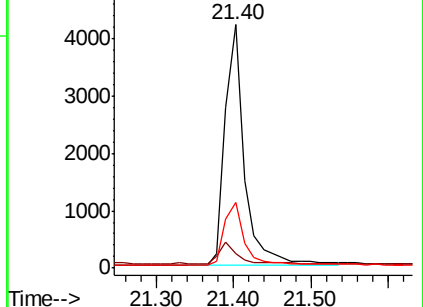
236 27.2 22.7 34.1

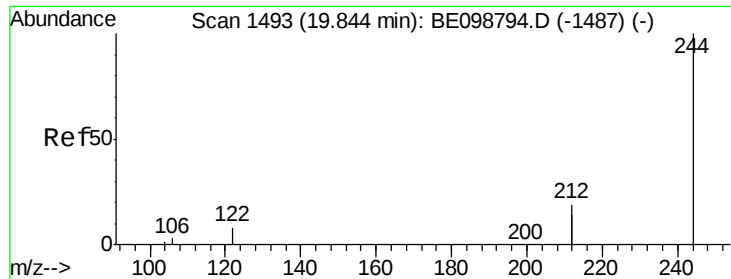


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

RE131D3-20190305

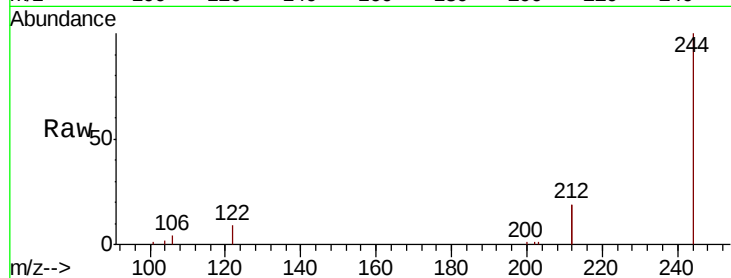
Tot Ion:244 Resp: 8047

Ion Ratio Lower Upper

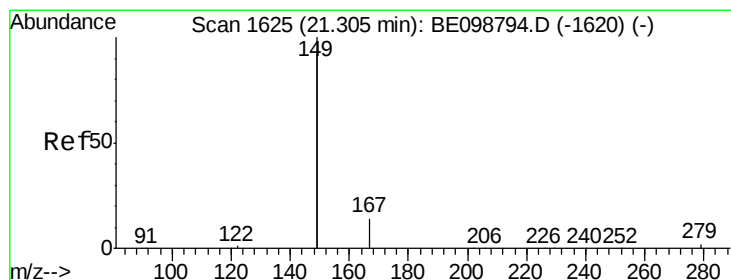
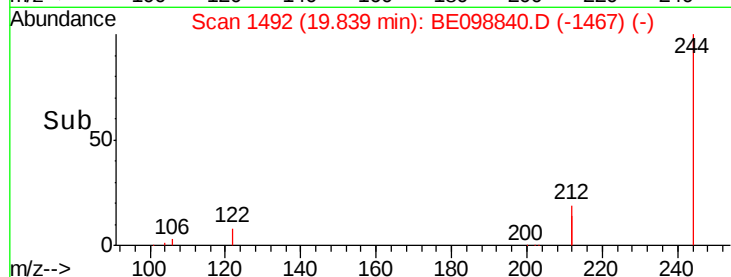
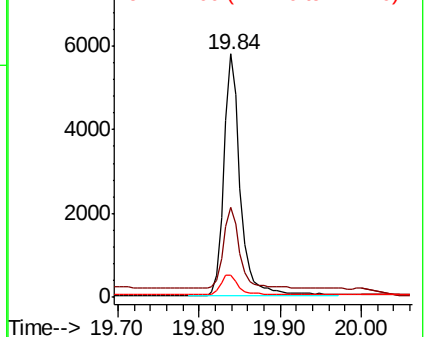
244 100

212 37.0 29.4 44.2

122 9.1 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: 0.141 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098840.D

Acq: 8 Mar 2019 18:36

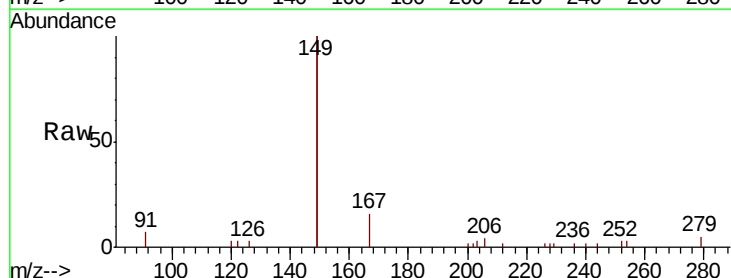
Tgt Ion:149 Resp: 6846

Ion Ratio Lower Upper

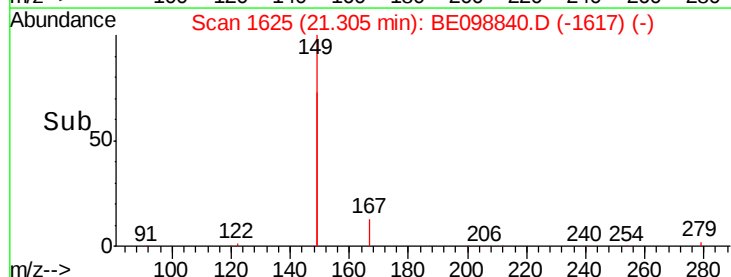
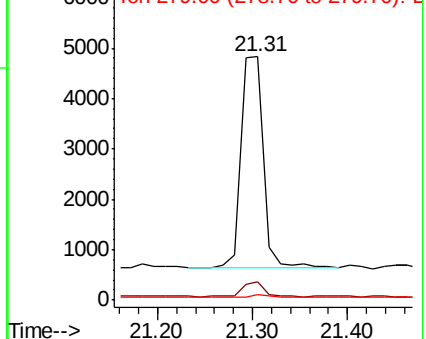
149 100

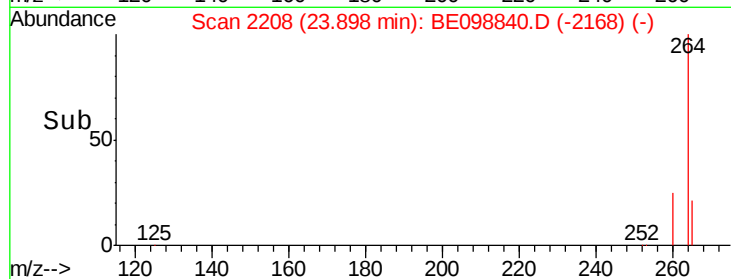
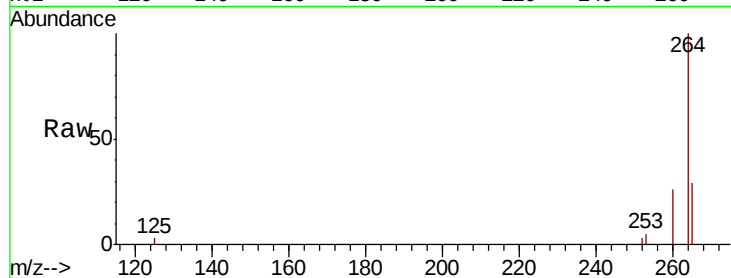
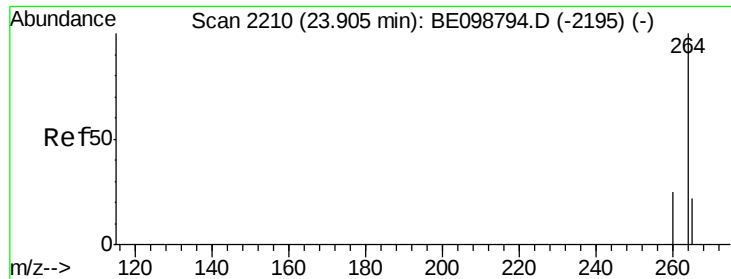
167 6.9 5.4 8.0

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
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098840.D
 Acq: 8 Mar 2019 18:36

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20190305

Tot Ion:264	Resp:	7026
Ion Ratio	Lower	Upper
264	100	
260	26.3	21.2 31.8
265	28.8	24.6 36.8

