

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098880.D
 Acq On : 12 Mar 2019 3:31
 Operator : JU/SJ
 Sample : K1841-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-20190308

Quant Time: Mar 12 07:28:14 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

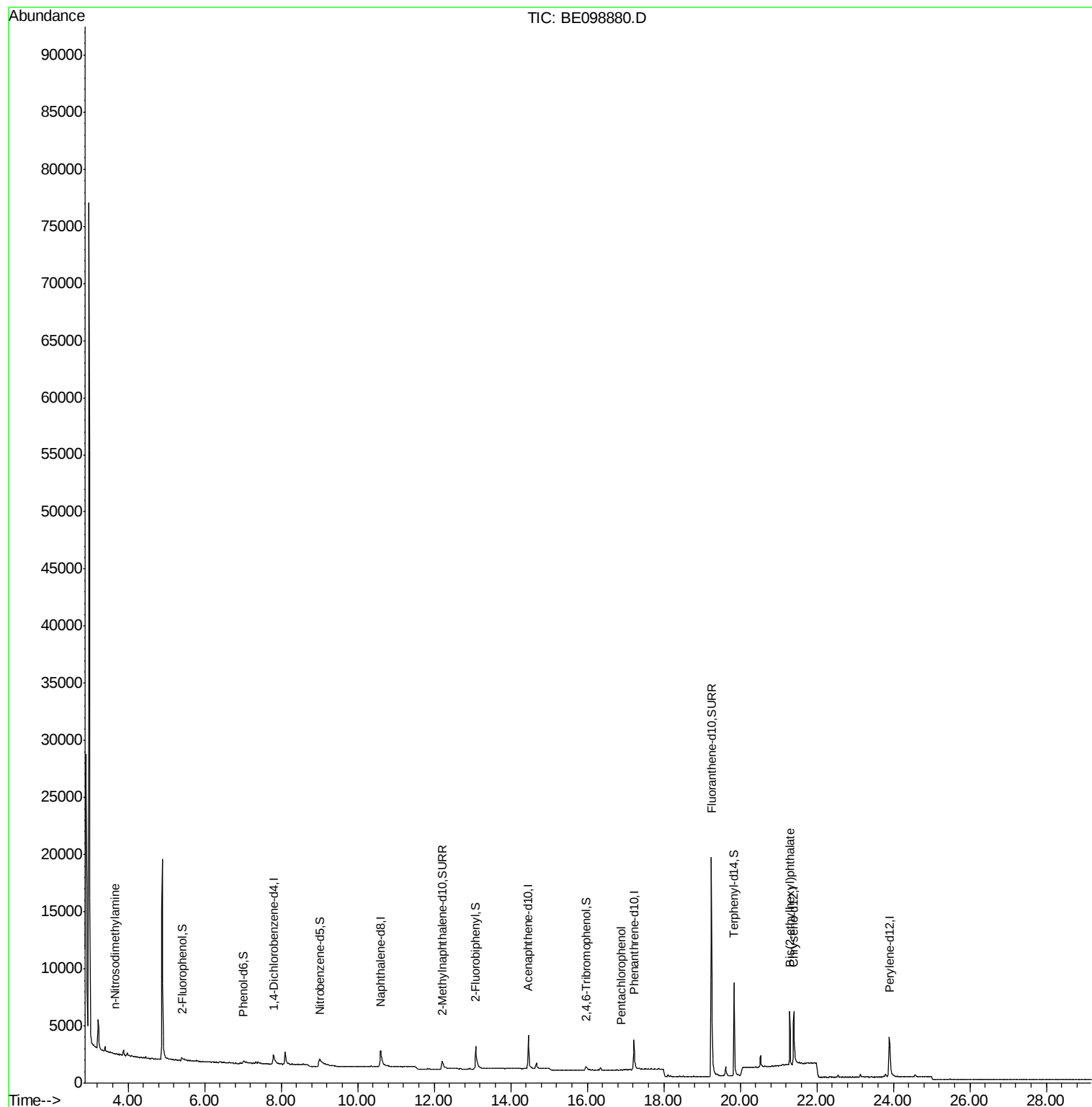
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	735	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3122	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2228	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5826	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6855	0.40	ng	0.00
34) Perylene-d12	23.90	264	6589	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	254	0.12	ng	0.03
5) Phenol-d6	7.01	99	238	0.08	ng	0.03
8) Nitrobenzene-d5	9.00	82	1018	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2031	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	359	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3377	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	32368	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8086	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	56	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.65	42	45	0.024 ng	#	14
22) Pentachlorophenol	16.88	266	2	0.266 ng		83
32) Bis(2-ethylhexyl)phthalate	21.29	149	5529	0.121 ng	#	99

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

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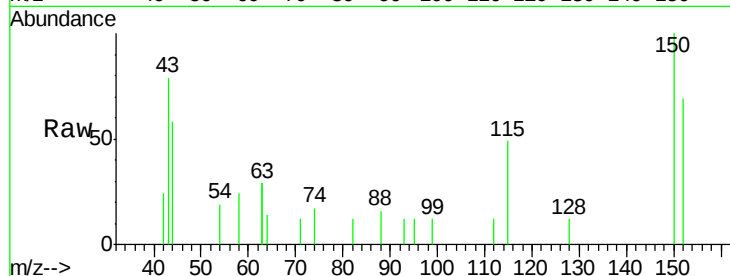


#1

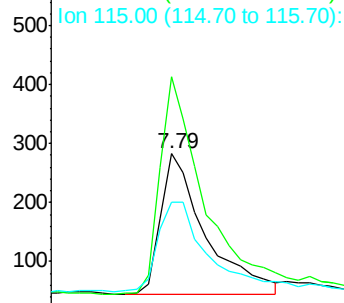
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

Instrument :
BNA_E
ClientSampleId :
RE122D3-20190308

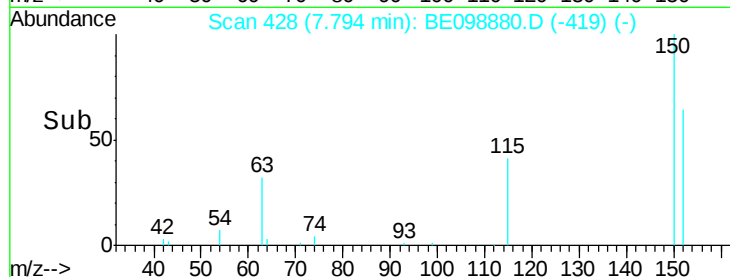
Tgt Ion: 152 Resp: 735
Ion Ratio Lower Upper
152 100
150 145.9 122.5 183.7
115 71.0 57.4 86.2



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



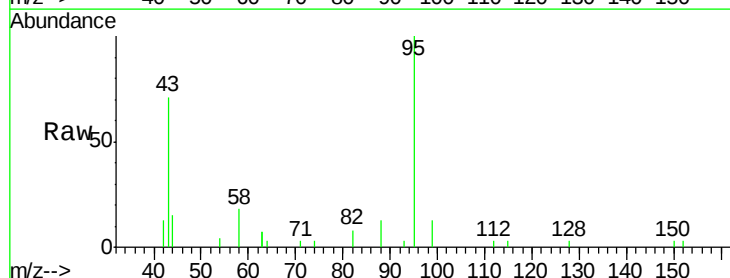
Time-->



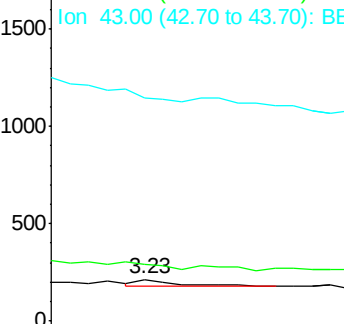
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.23 min Scan# 32
Delta R.T. -0.05 min
Lab File: BE098880.D
Acq: 12 Mar 2019 3:31

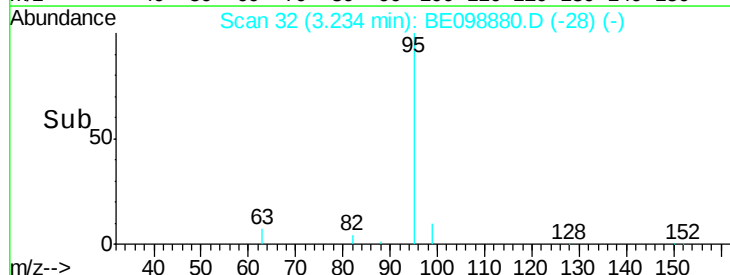
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 41.8 62.8#



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



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.03 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190308

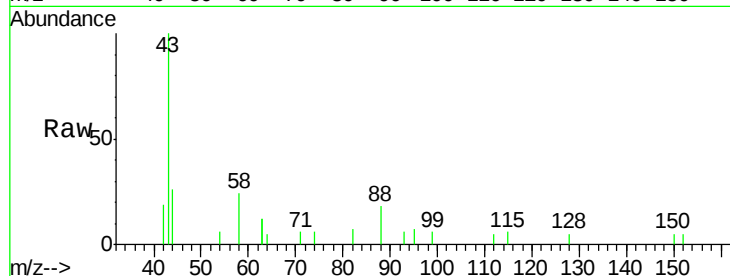
Tgt Ion: 42 Resp: 45

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 77.8 0.0 0.0#



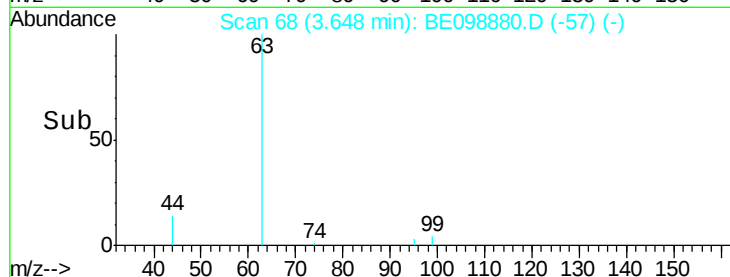
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

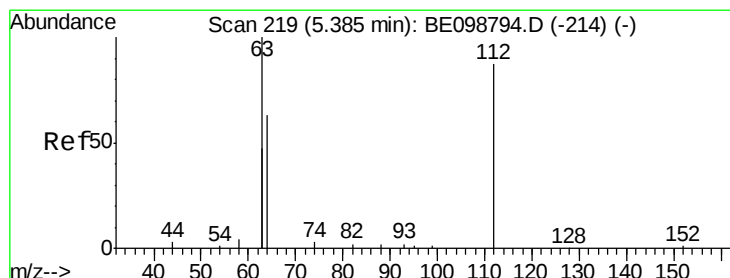
Ion 44.00 (43.70 to 44.70): BE0

3.65

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

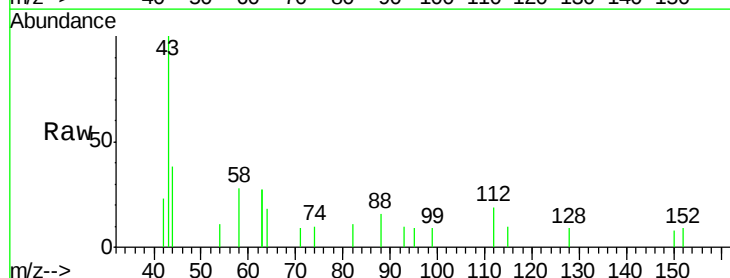
Tgt Ion: 112 Resp: 254

Ion Ratio Lower Upper

112 100

64 88.2 57.9 86.9#

63 212.6 158.3 237.5



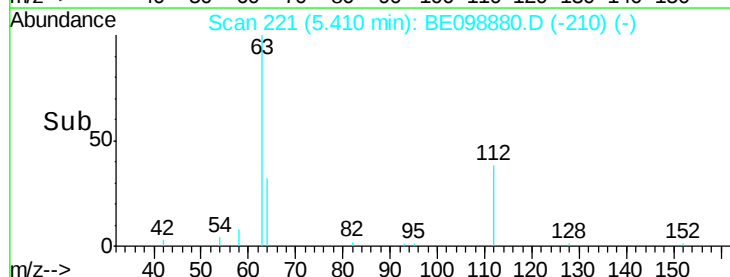
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.41

Time-->





#5

Phenol-d6

Concen: 0.077 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190308

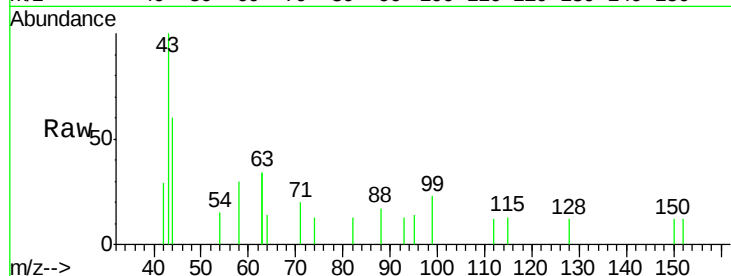
Tgt Ion: 99 Resp: 238

Ion Ratio Lower Upper

99 100

42 20.2 24.2 36.2#

71 38.2 35.7 53.5

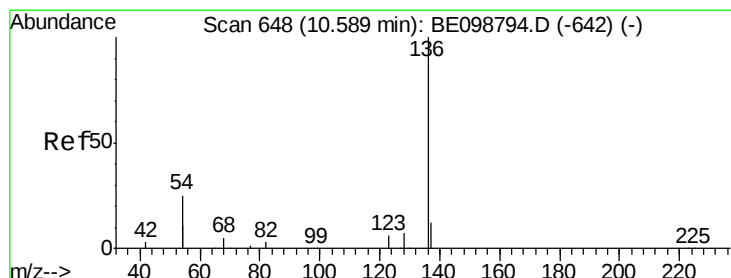
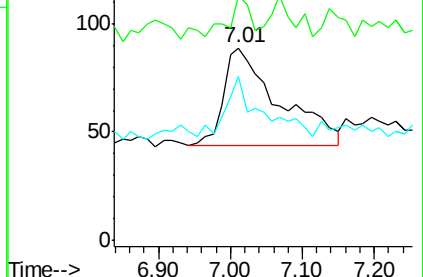
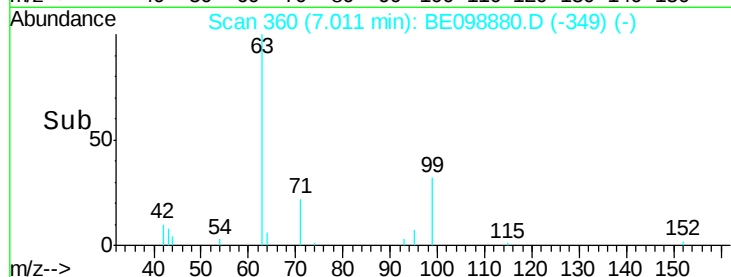


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

Tgt Ion: 136 Resp: 3122

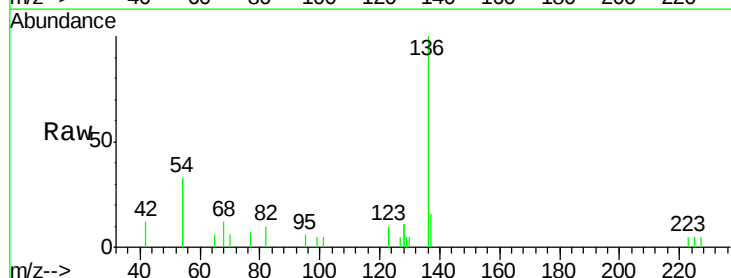
Ion Ratio Lower Upper

136 100

137 16.0 11.4 17.0

54 66.2 39.3 58.9#

68 12.2 6.7 10.1#



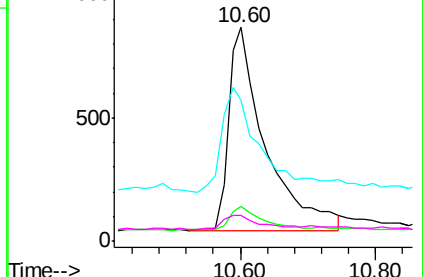
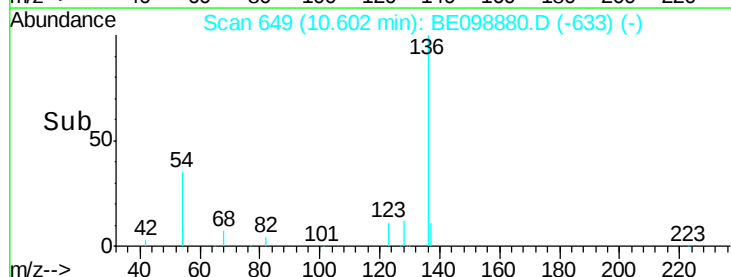
Abundance Ion 136.00 (135.70 to 136.70): E

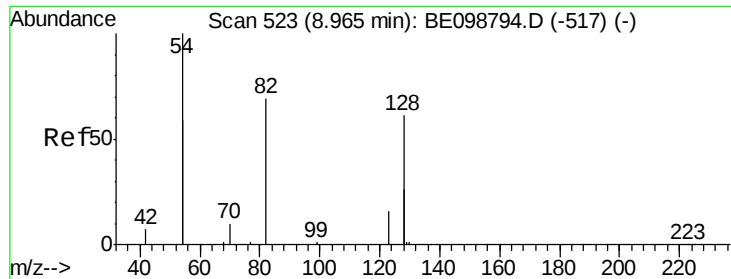
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->

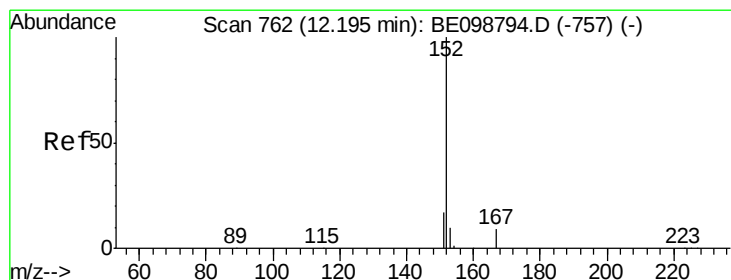
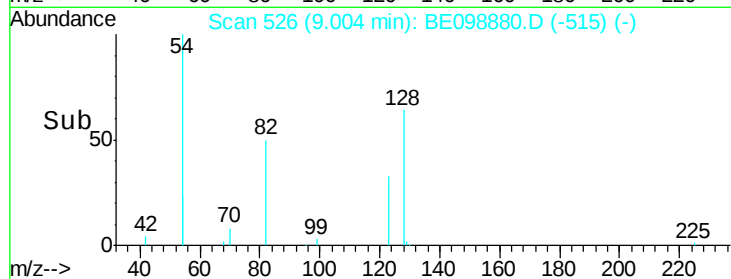
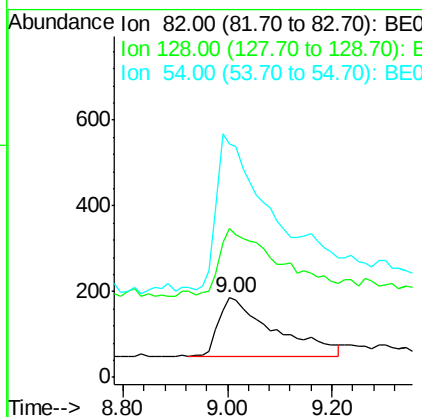
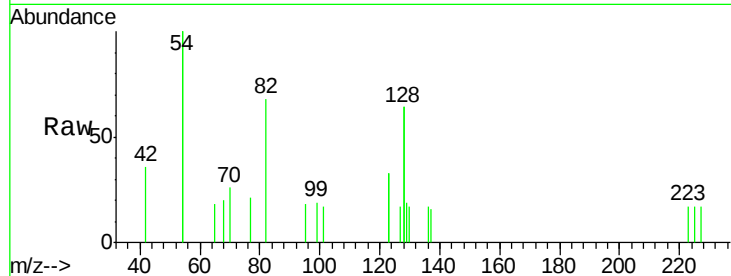




#8
 Nitrobenzene-d5
 Concen: 0.311 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098880.D
 Acq: 12 Mar 2019 3:31

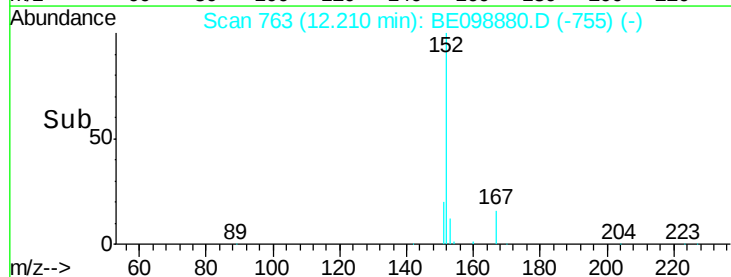
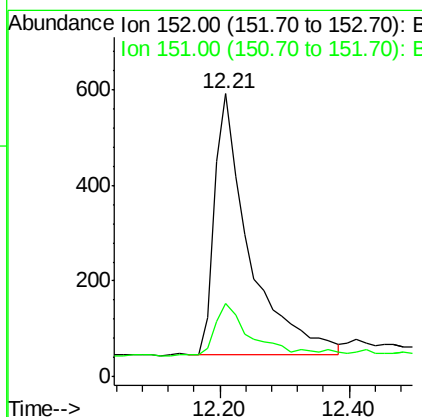
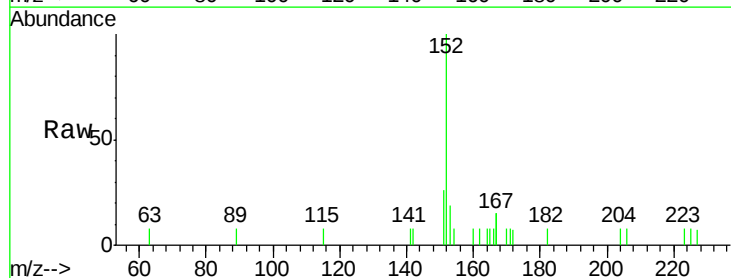
Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-20190308

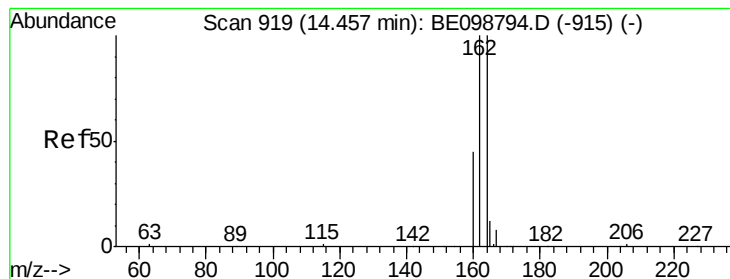
Tgt Ion: 82 Resp: 1018
 Ion Ratio Lower Upper
 82 100
 128 187.0 123.8 185.8#
 54 294.1 203.4 305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.352 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098880.D
 Acq: 12 Mar 2019 3:31

Tgt Ion: 152 Resp: 2031
 Ion Ratio Lower Upper
 152 100
 151 19.9 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: BE098880.D

Acq: 12 Mar 2019 3:31

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190308

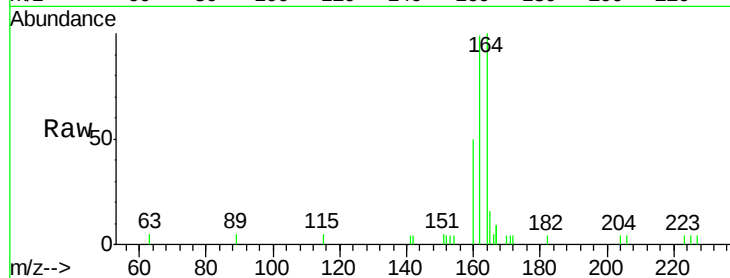
Tgt Ion:164 Resp: 2228

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

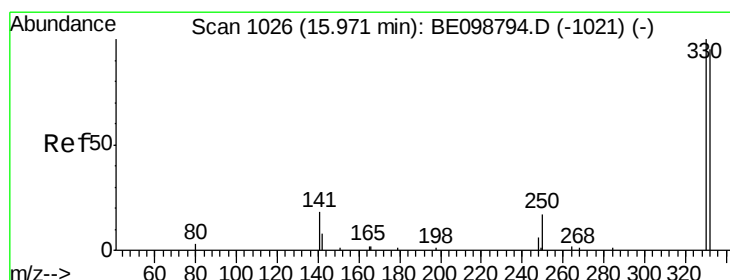
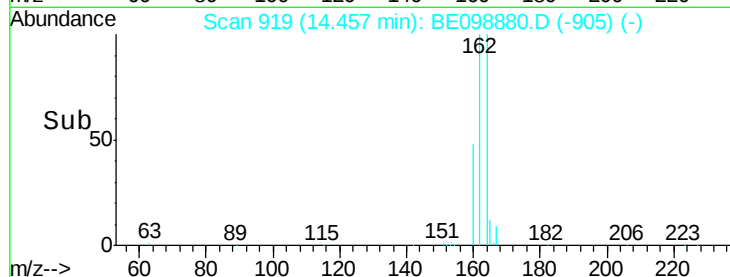
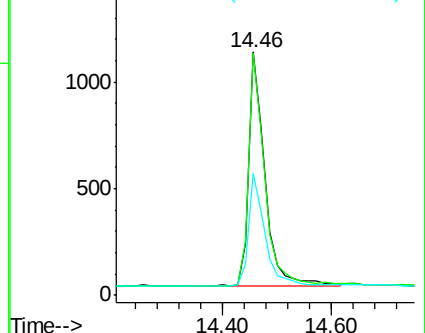
160 50.1 37.8 56.8



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: 0.319 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

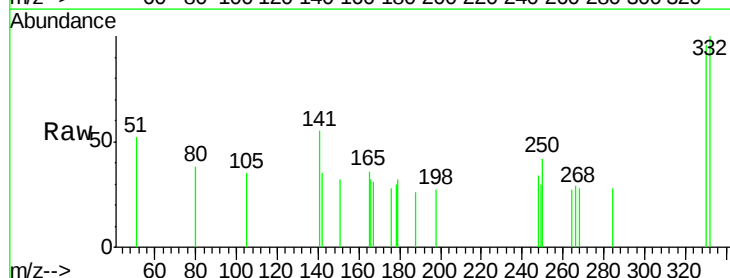
Tgt Ion:330 Resp: 359

Ion Ratio Lower Upper

330 100

332 91.4 77.6 116.4

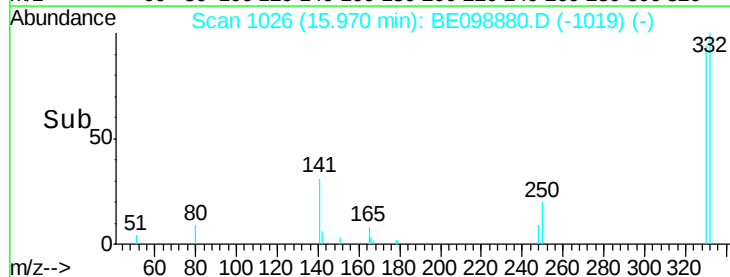
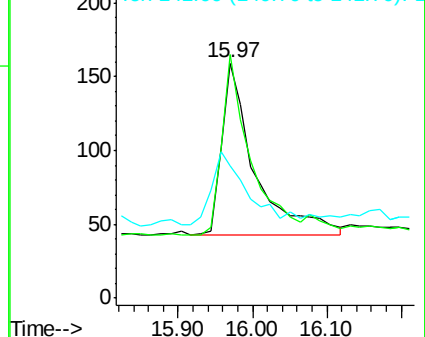
141 46.0 31.0 46.4

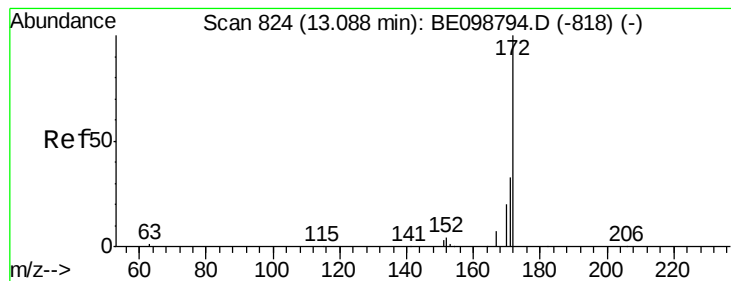


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.366 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

Instrument :

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ClientSampleId :

RE122D3-20190308

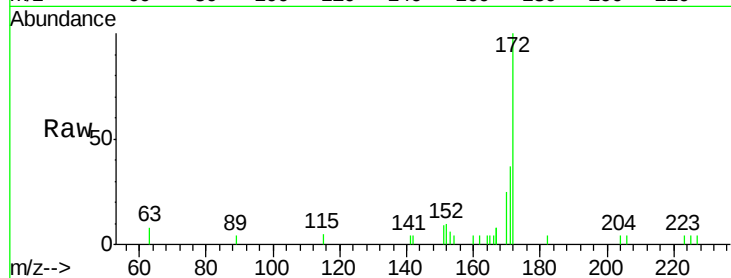
Tgt Ion:172 Resp: 3377

Ion Ratio Lower Upper

172 100

171 36.7 28.0 42.0

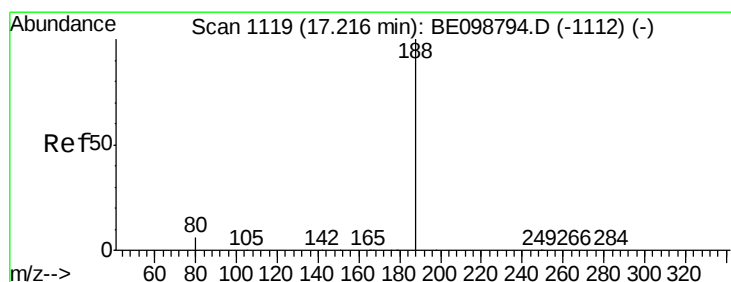
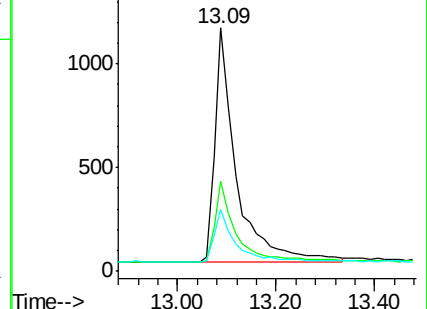
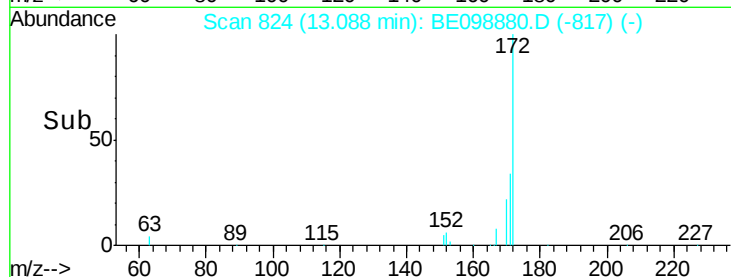
170 25.3 17.7 26.5



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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

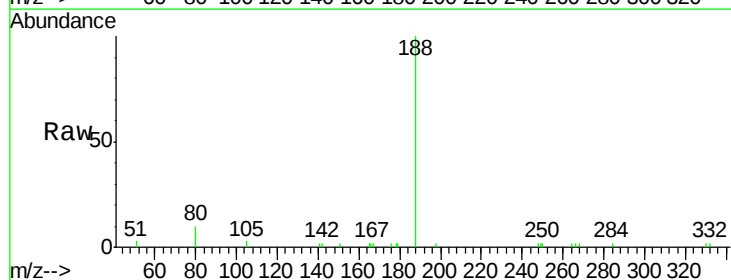
Tgt Ion:188 Resp: 5826

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

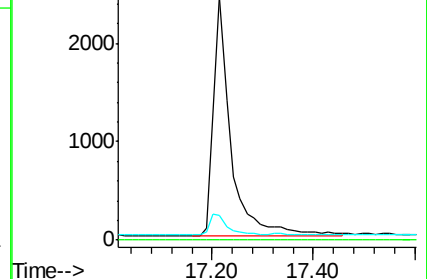
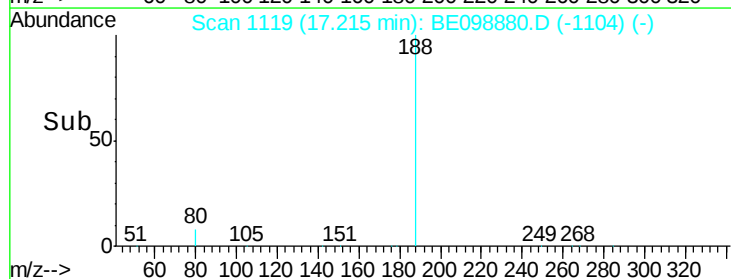
80 10.4 6.3 9.5#

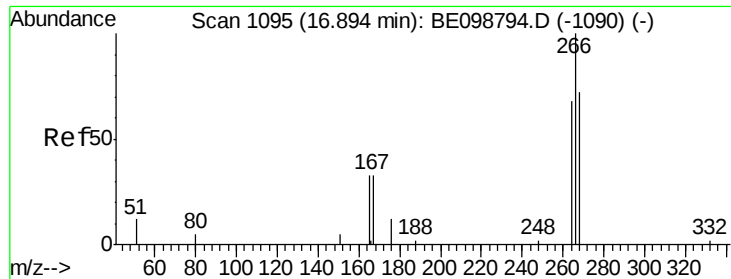


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.266 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

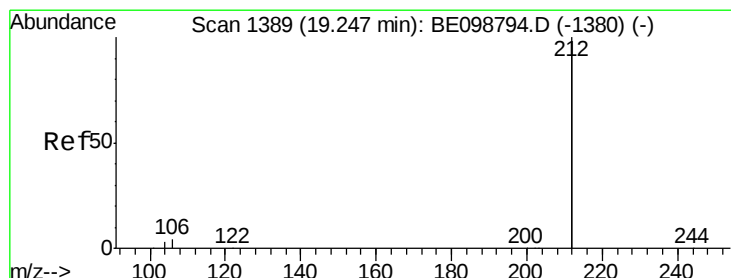
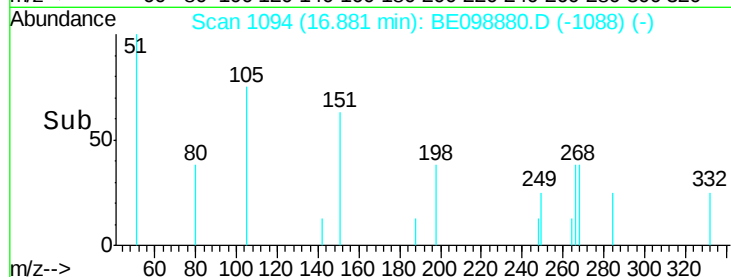
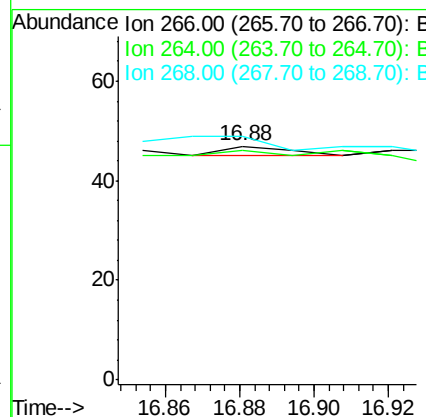
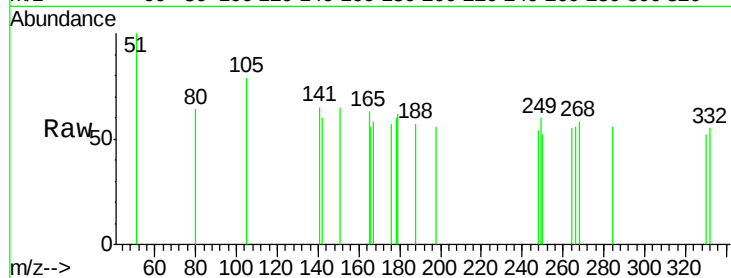
Instrument :

BNA_E

ClientSampleId :

RE122D3-20190308

Tgt Ion:	266	Resp:	2
Ion	Ratio	Lower	Upper
266	100		
264	97.9	66.6	100.0
268	104.3	69.8	104.8



#25

Fluoranthene-d10

Concen: 0.348 ng

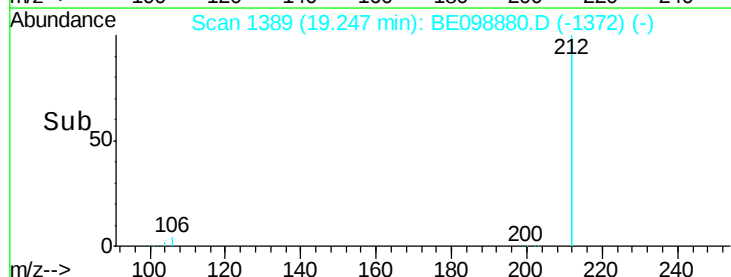
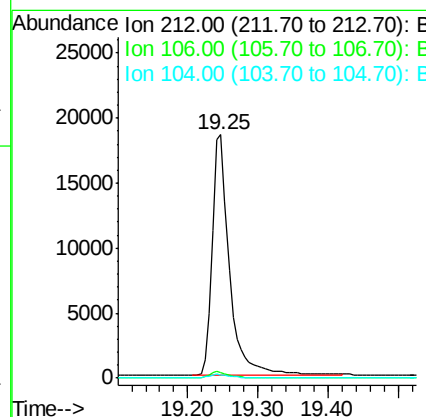
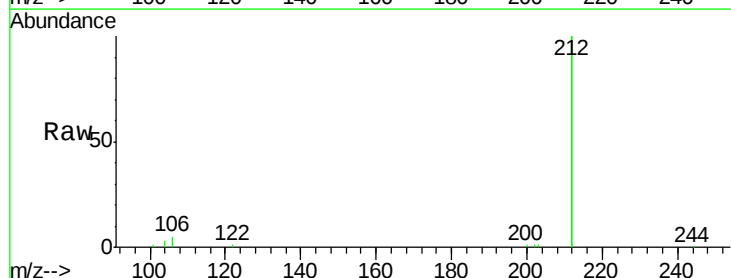
RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

Tgt Ion:	212	Resp:	32368
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190308

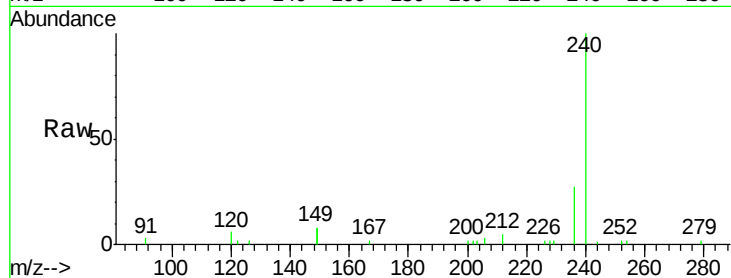
Tgt Ion:240 Resp: 6855

Ion Ratio Lower Upper

240 100

120 6.4 5.0 7.4

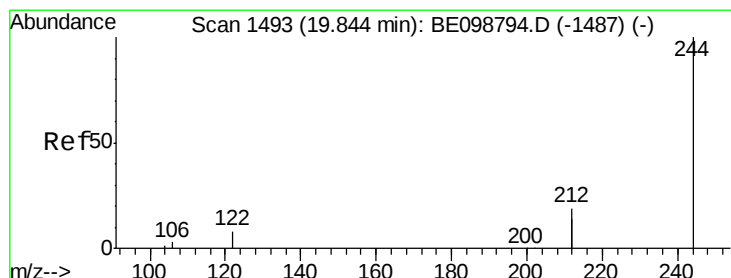
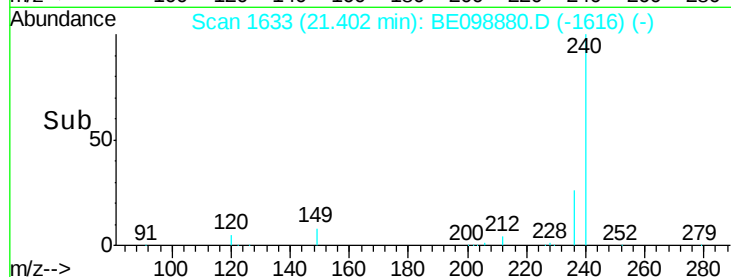
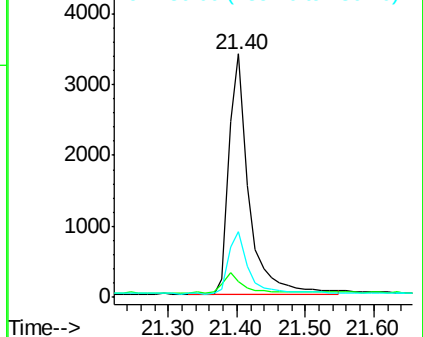
236 26.8 22.7 34.1



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: 0.485 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

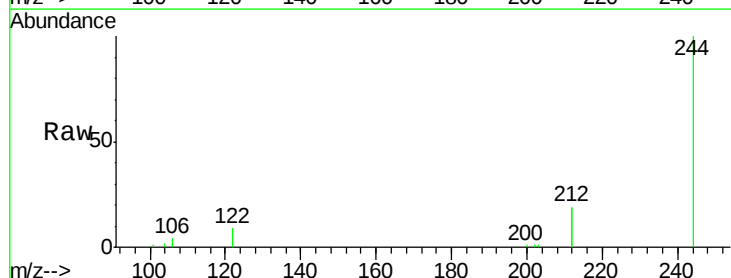
Tgt Ion:244 Resp: 8086

Ion Ratio Lower Upper

244 100

212 38.4 29.4 44.2

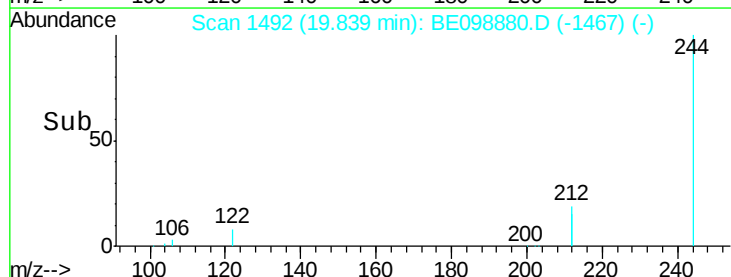
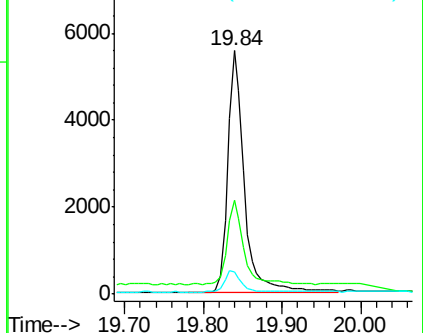
122 8.9 7.1 10.7

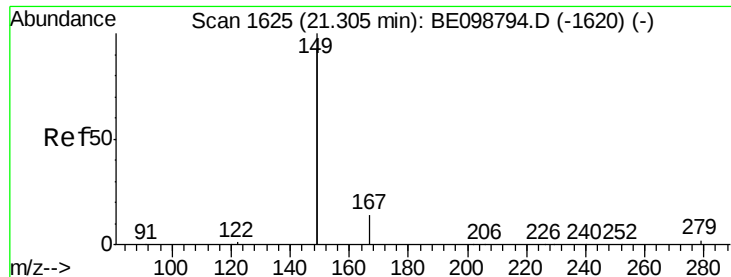


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.121 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098880.D

Acq: 12 Mar 2019 3:31

Instrument :

BNA_E

ClientSampleId :

RE122D3-20190308

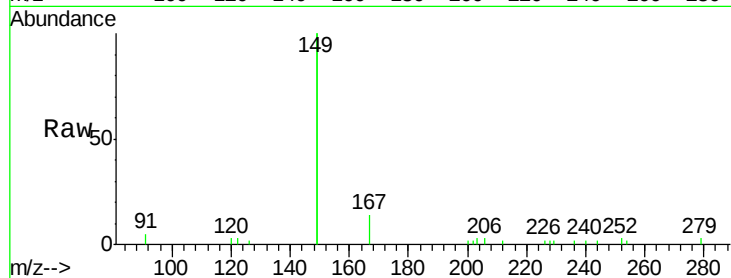
Tgt Ion:149 Resp: 5529

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

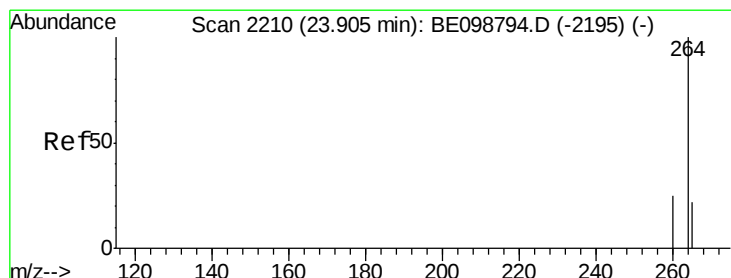
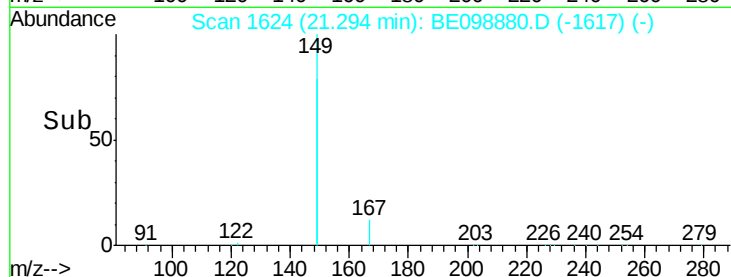
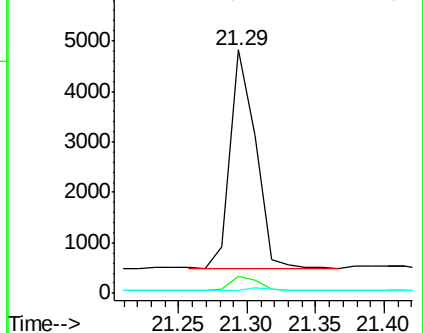
279 1.5 1.0 1.4#



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: BE098880.D

Acq: 12 Mar 2019 3:31

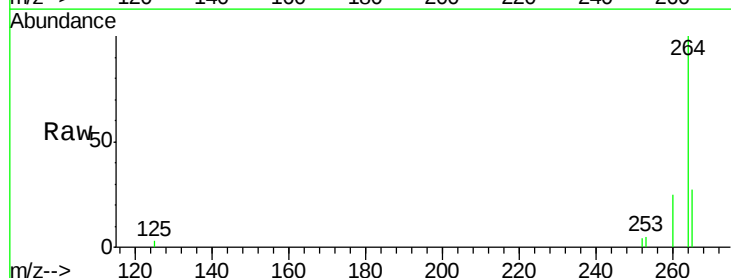
Tgt Ion:264 Resp: 6589

Ion Ratio Lower Upper

264 100

260 25.1 21.2 31.8

265 27.3 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

