

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098869.D
 Acq On : 11 Mar 2019 19:31
 Operator : JU/SJ
 Sample : K1839-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20190307

Quant Time: Mar 12 07:26:19 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

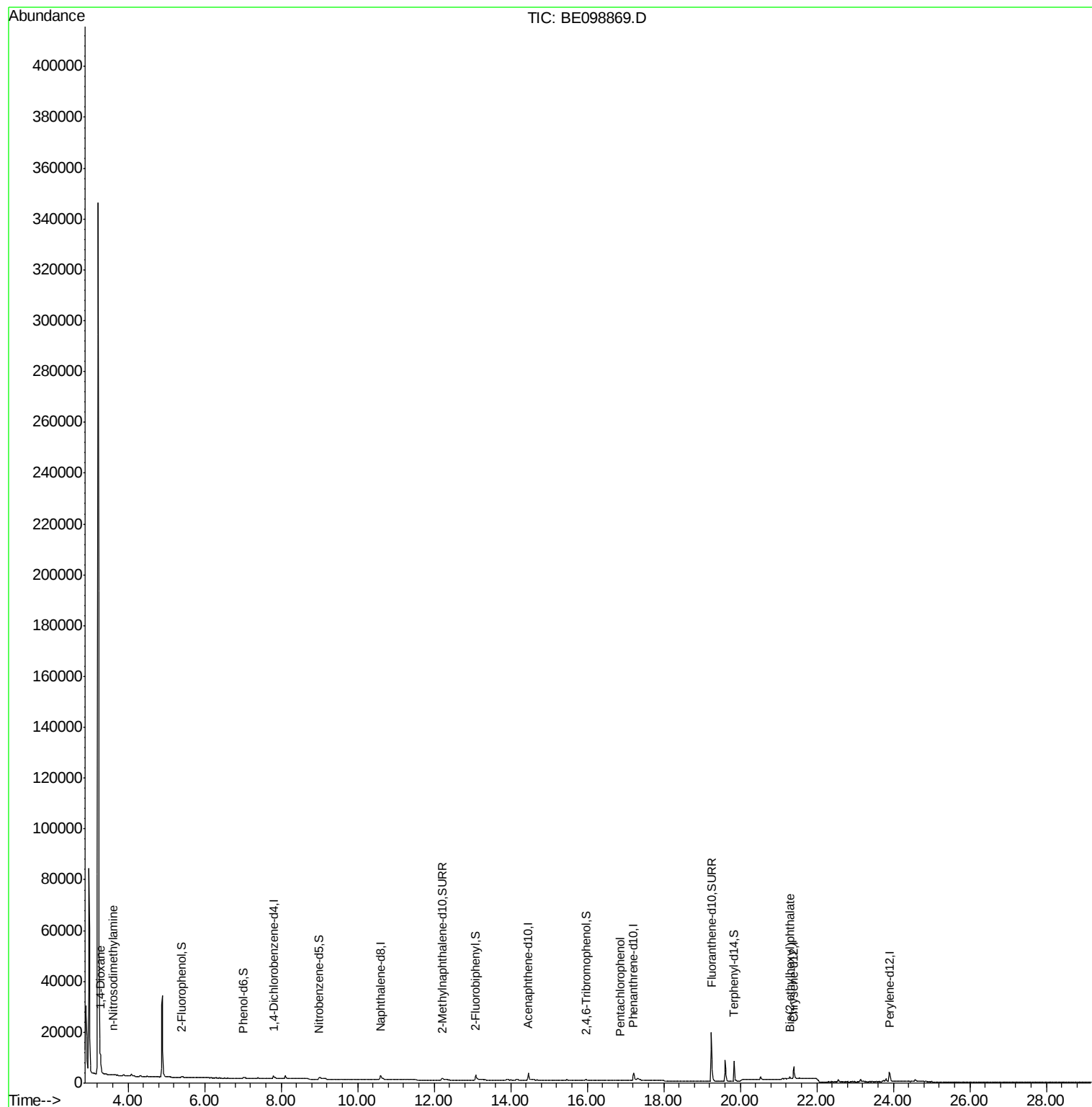
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	719	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3017	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2257	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5491	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6974	0.40	ng	0.00
34) Perylene-d12	23.90	264	6733	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	344	0.16	ng	0.01
5) Phenol-d6	7.01	99	274	0.09	ng	0.03
8) Nitrobenzene-d5	8.99	82	1119	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2196	0.39	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	324	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3657	0.39	ng	0.00
25) Fluoranthene-d10	19.25	212	33066	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	8041	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	3058	2.658	ng	Qvalue # 91
3) n-Nitrosodimethylamine	3.60	42	41	0.023	ng	# 14
22) Pentachlorophenol	16.87	266	7	0.270	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	1079	0.023	ng	# 97

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

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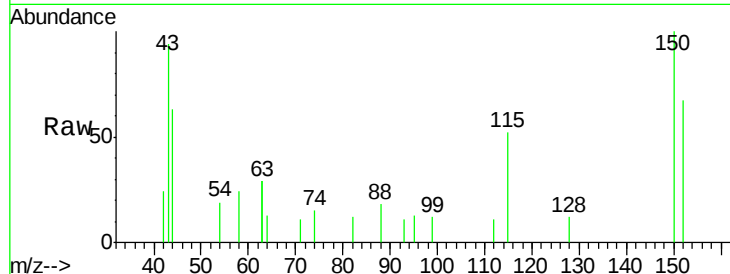


#1

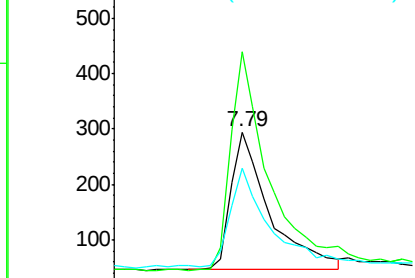
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098869.D
Acq: 11 Mar 2019 19:31

Instrument :
BNA_E
ClientSampleId :
TT101D2-20190307

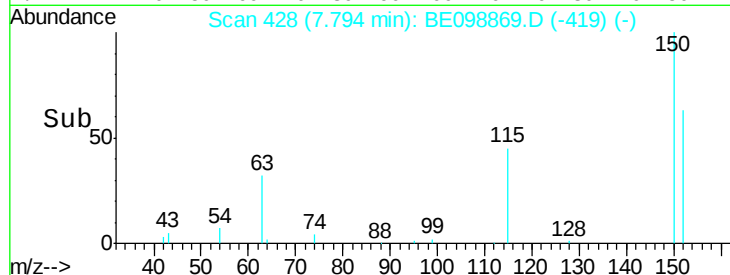
Tgt Ion: 152 Resp: 719
Ion Ratio Lower Upper
152 100
150 148.8 122.5 183.7
115 77.6 57.4 86.2



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



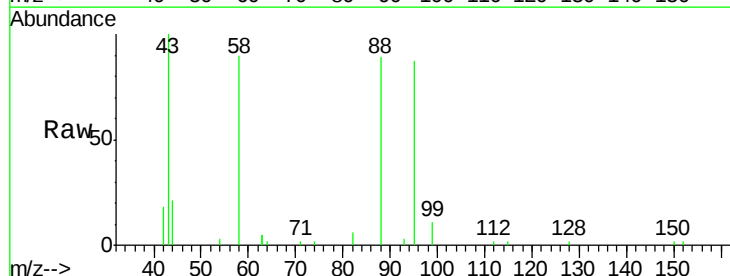
Time-->



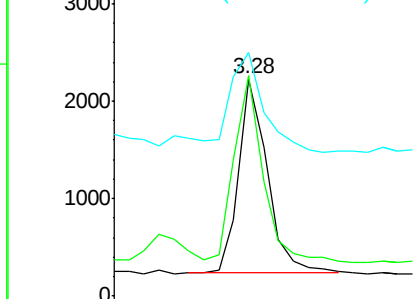
#2

1,4-Dioxane
Concen: 2.658 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098869.D
Acq: 11 Mar 2019 19:31

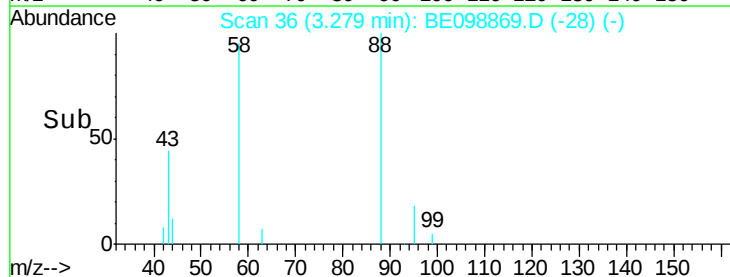
Tgt Ion: 88 Resp: 3058
Ion Ratio Lower Upper
88 100
58 94.0 75.8 113.6
43 68.9 41.8 62.8#



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: 0.023 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.02 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

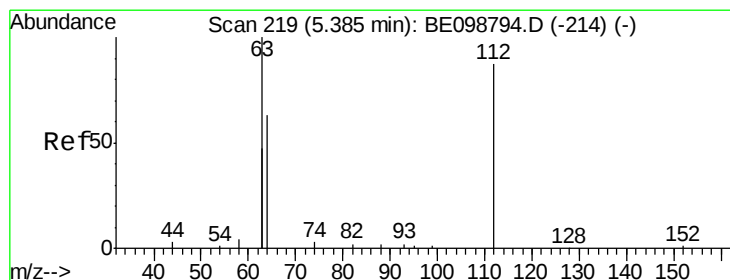
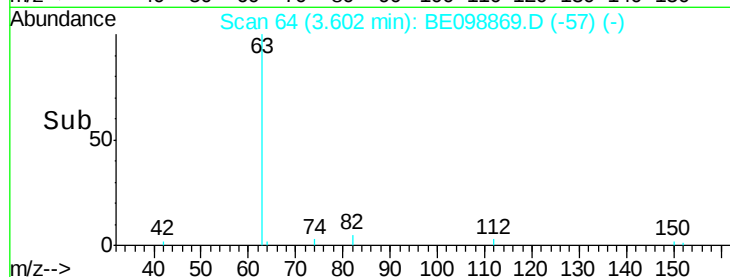
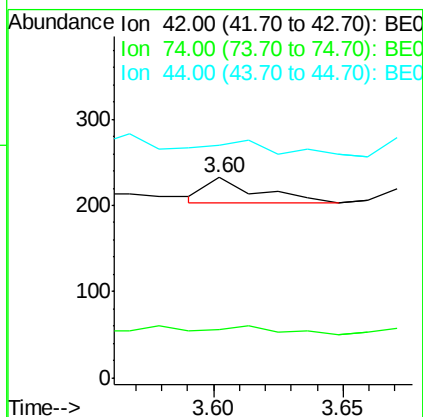
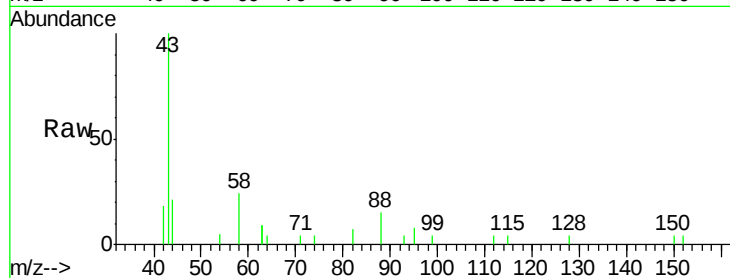
Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

Tgt Ion:	42	Resp:	41
Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	56.1	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.160 ng

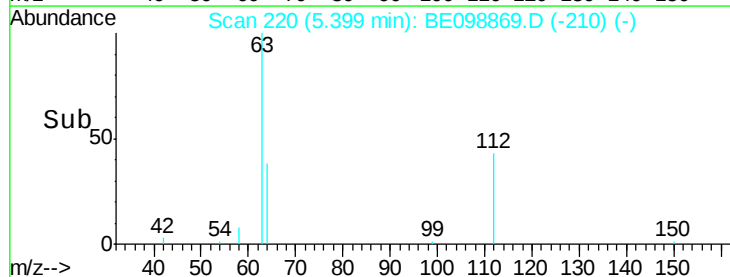
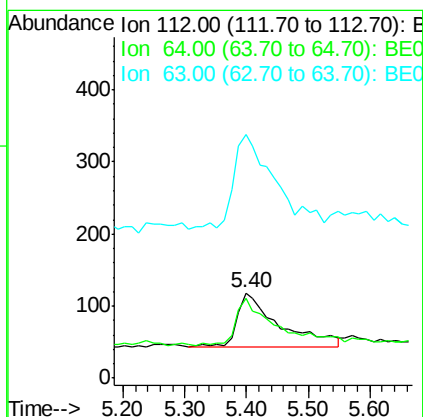
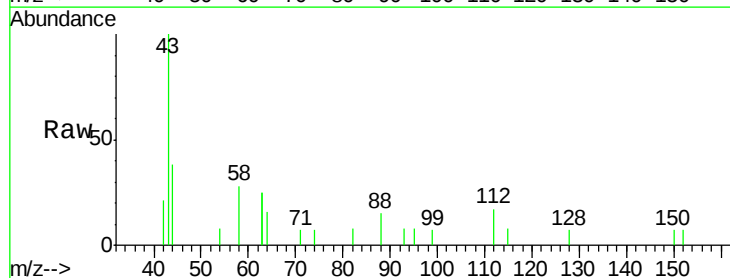
RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Tgt Ion:	112	Resp:	344
Ion	Ratio	Lower	Upper
112	100		
64	89.2	57.9	86.9#
63	184.9	158.3	237.5





#5

Phenol-d6

Concen: 0.090 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

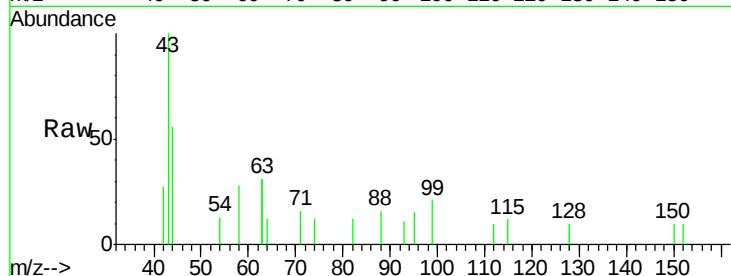
Tgt Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 47.1 24.2 36.2#

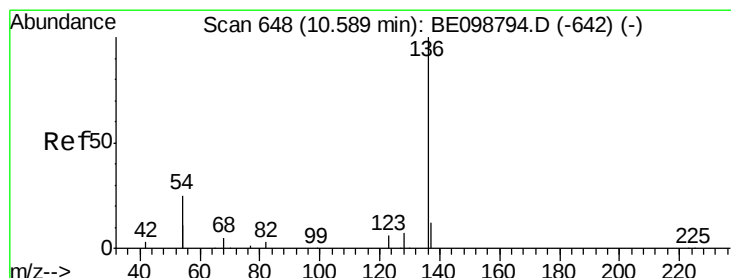
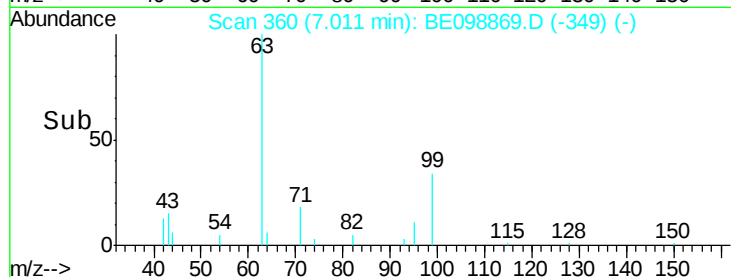
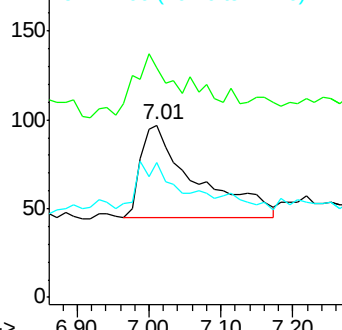
71 0.0 35.7 53.5#



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: BE098869.D

Acq: 11 Mar 2019 19:31

Tgt Ion: 136 Resp: 3017

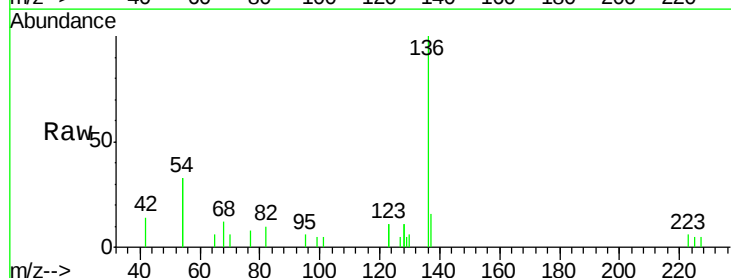
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 65.7 39.3 58.9#

68 11.8 6.7 10.1#

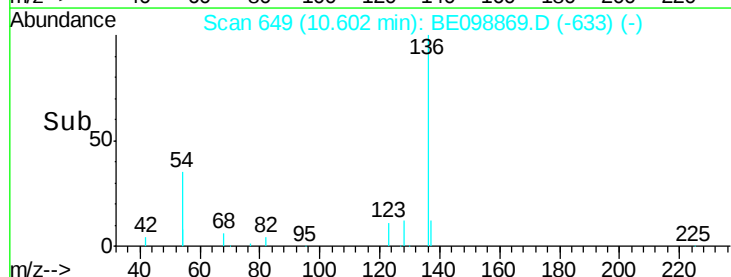
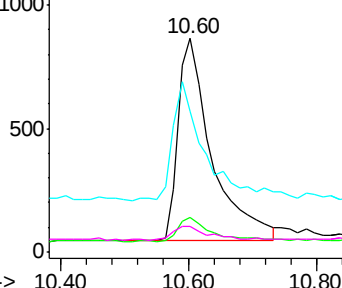


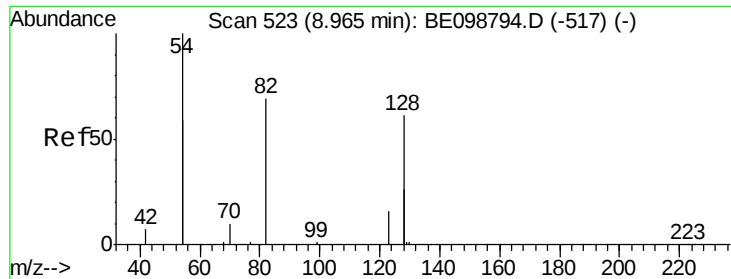
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.354 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

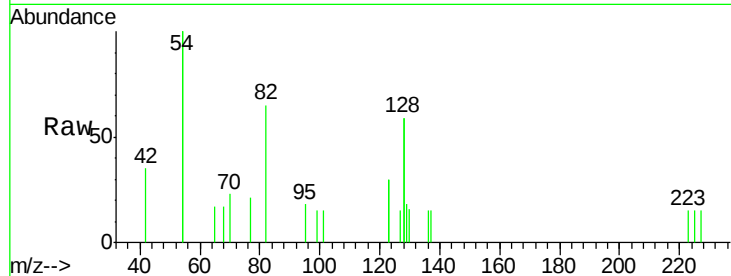
Tgt Ion: 82 Resp: 1119

Ion Ratio Lower Upper

82 100

128 181.8 123.8 185.8

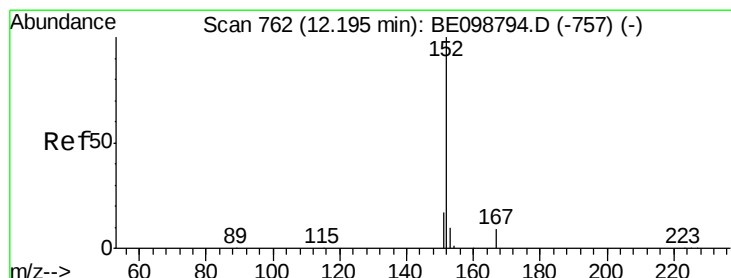
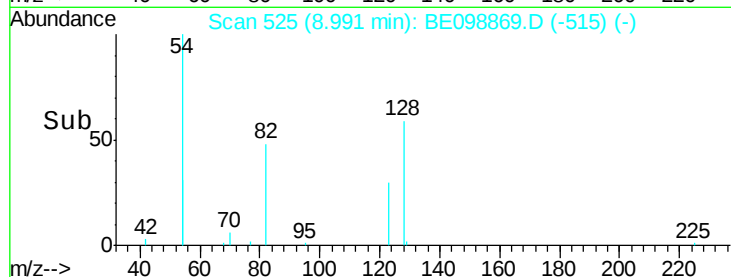
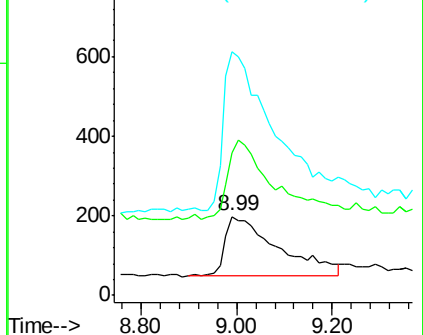
54 309.1 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE098869.D

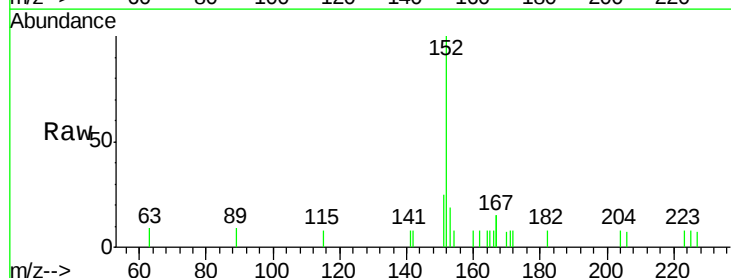
Acq: 11 Mar 2019 19:31

Tgt Ion: 152 Resp: 2196

Ion Ratio Lower Upper

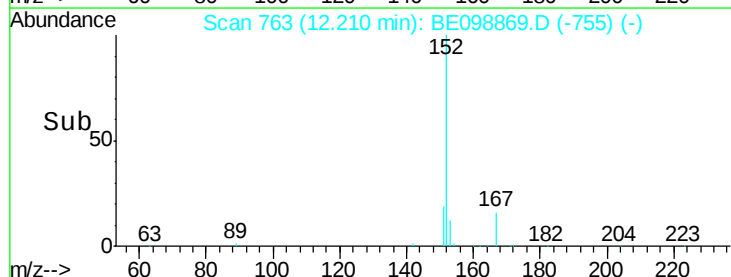
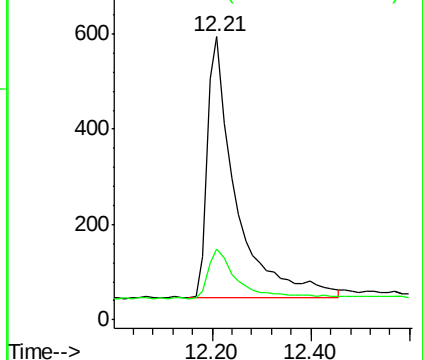
152 100

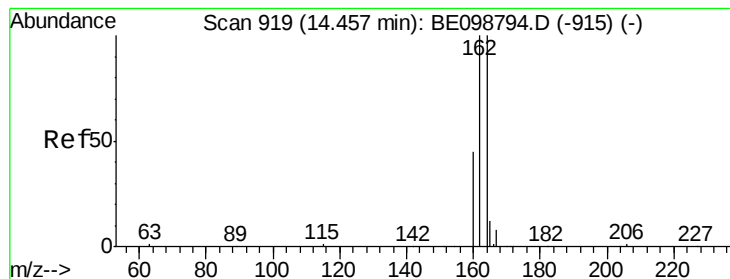
151 18.6 16.5 24.7



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: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

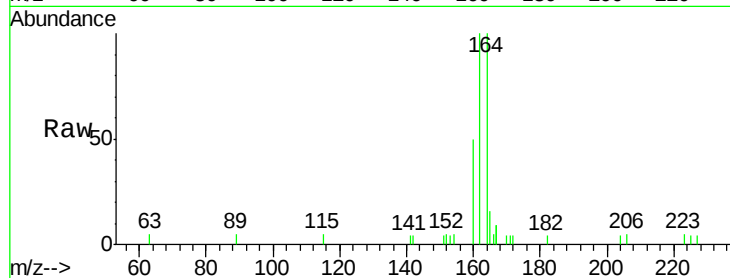
Tgt Ion:164 Resp: 2257

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

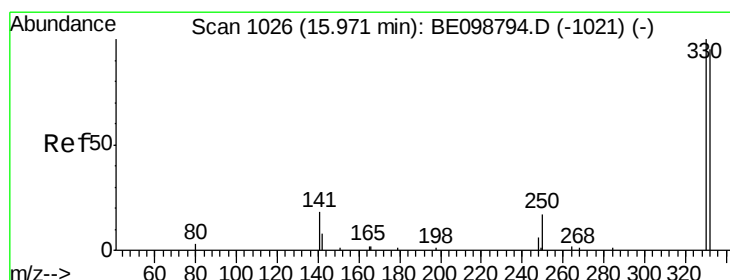
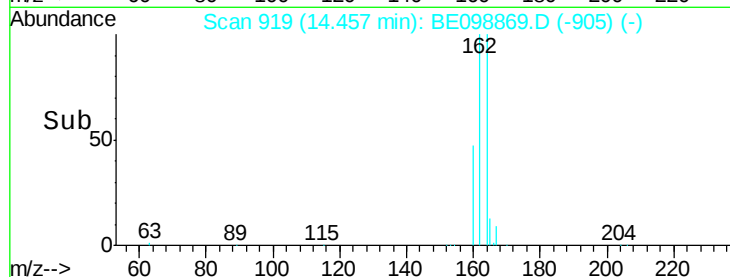
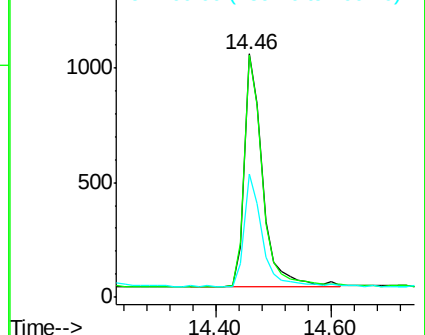
160 50.4 37.8 56.8



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: 0.284 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

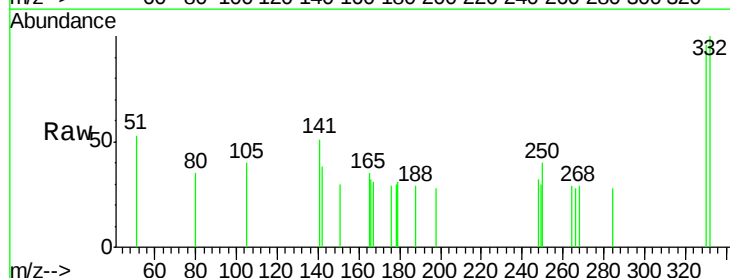
Tgt Ion:330 Resp: 324

Ion Ratio Lower Upper

330 100

332 102.5 77.6 116.4

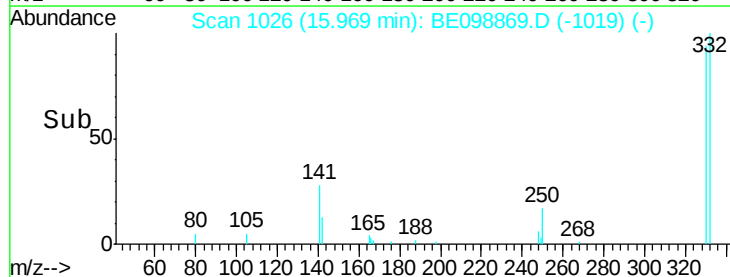
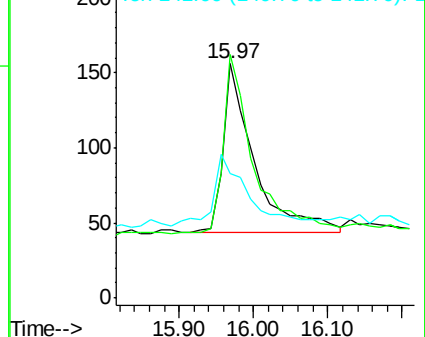
141 39.5 31.0 46.4

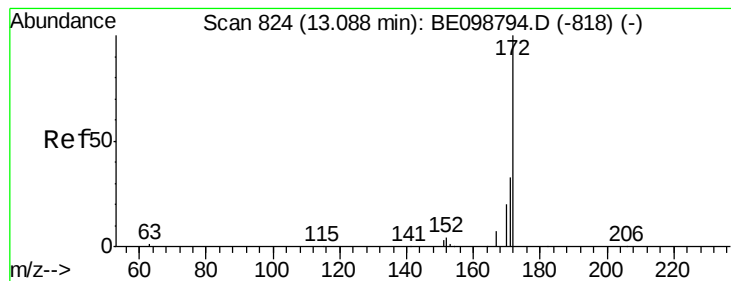


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

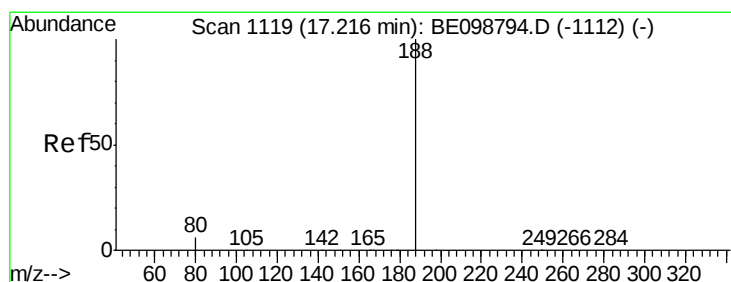
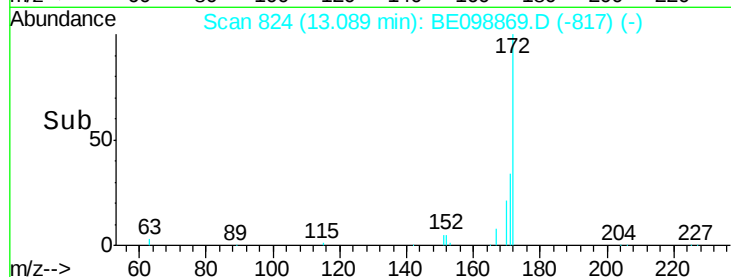
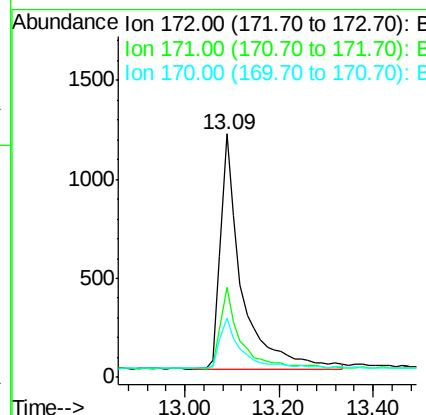
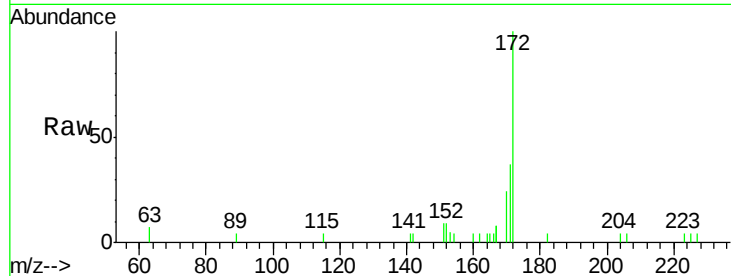




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098869.D
Acq: 11 Mar 2019 19:31

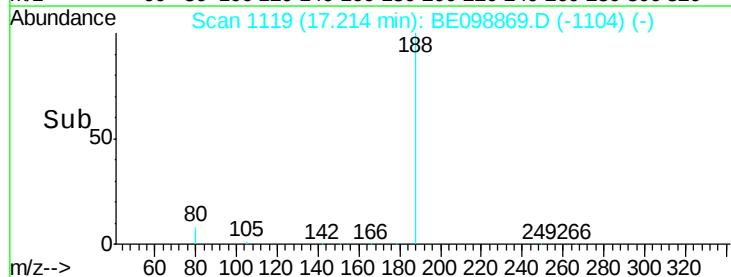
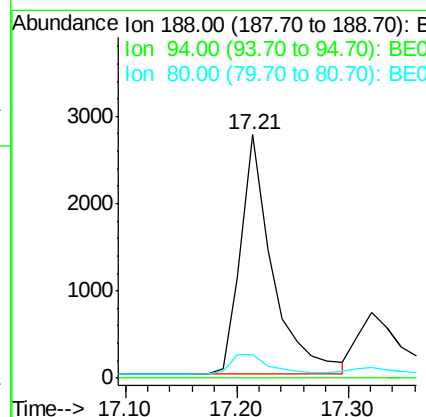
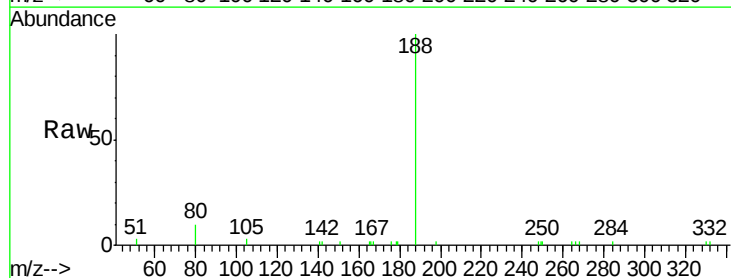
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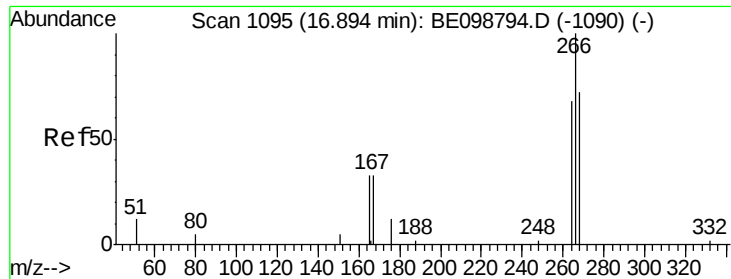
Tgt Ion:172 Resp: 3657
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 24.2 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098869.D
Acq: 11 Mar 2019 19:31

Tgt Ion:188 Resp: 5491
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.270 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

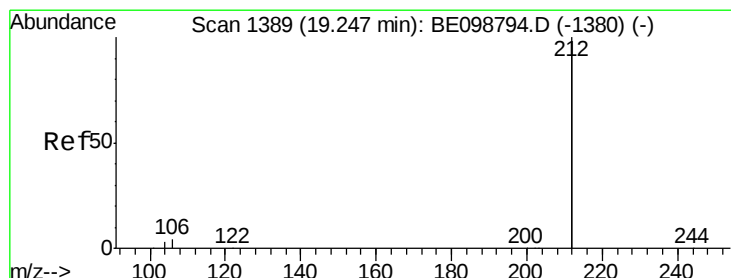
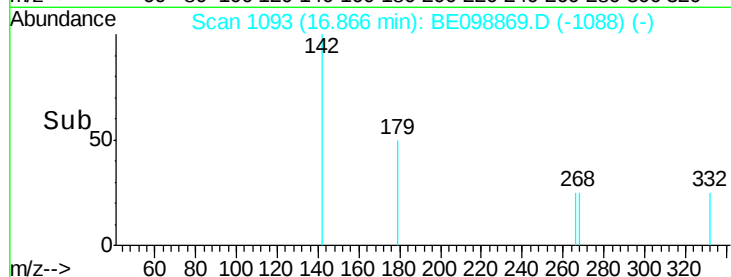
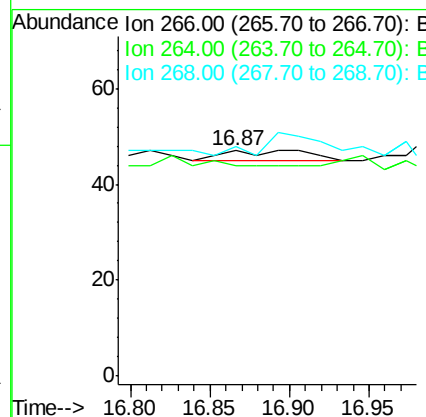
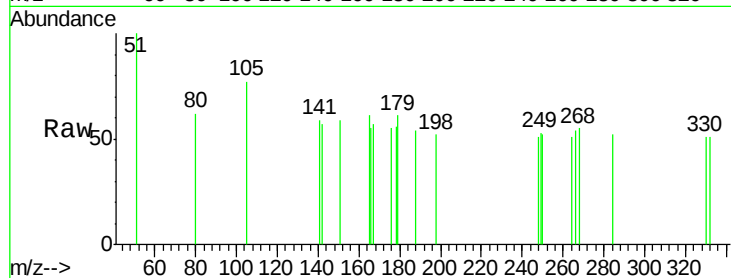
Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

Tgt Ion:	266	Resp:	7
Ion	Ratio	Lower	Upper
266	100		
264	93.6	66.6	100.0
268	102.1	69.8	104.8



#25

Fluoranthene-d10

Concen: 0.377 ng

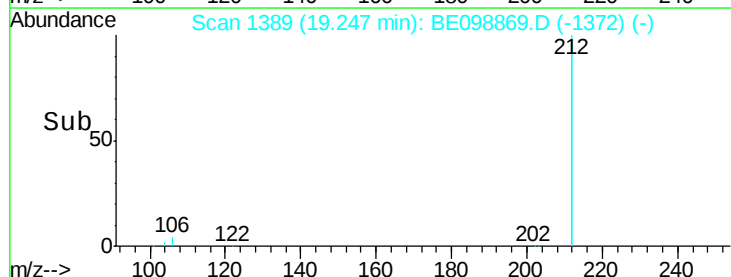
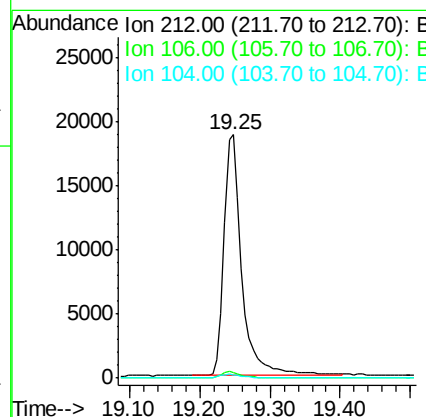
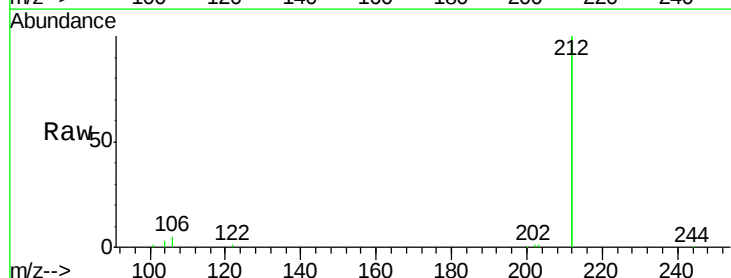
RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Tgt Ion:	212	Resp:	33066
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# 1633

Delta R.T. 0.00 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20190307

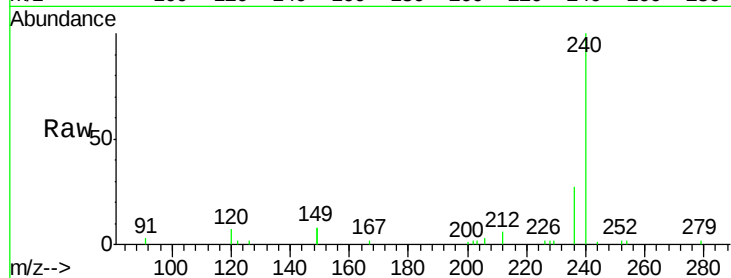
Tgt Ion:240 Resp: 6974

Ion Ratio Lower Upper

240 100

120 7.3 5.0 7.4

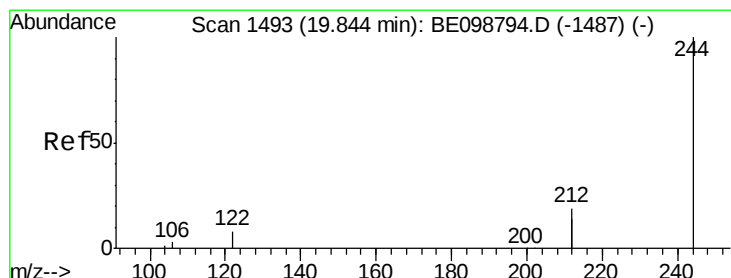
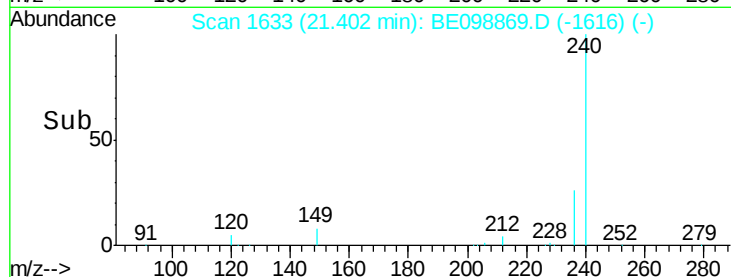
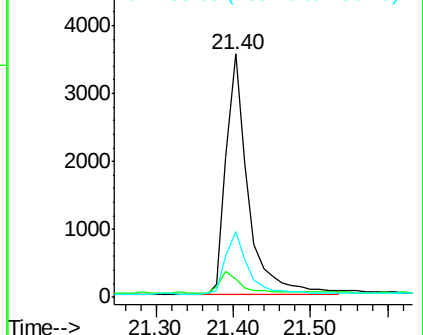
236 27.2 22.7 34.1



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: 0.474 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098869.D

Acq: 11 Mar 2019 19:31

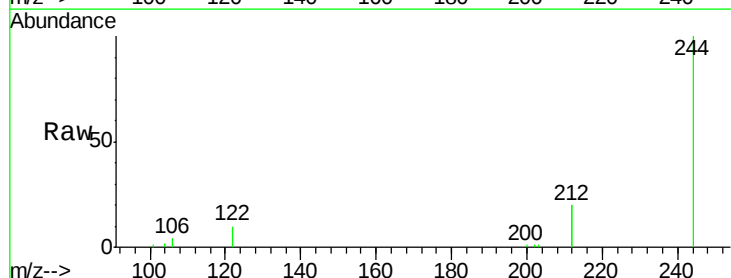
Tgt Ion:244 Resp: 8041

Ion Ratio Lower Upper

244 100

212 39.1 29.4 44.2

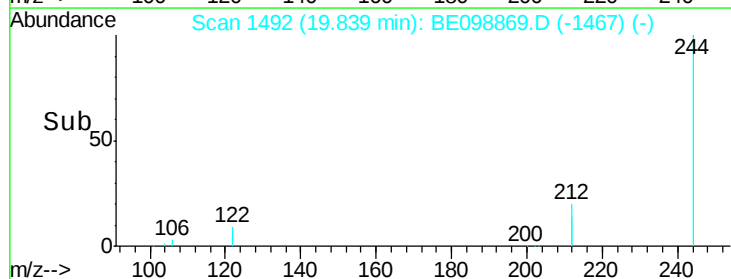
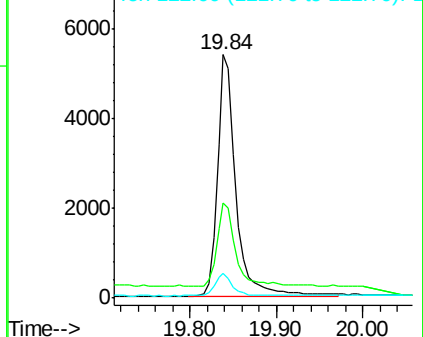
122 9.9 7.1 10.7

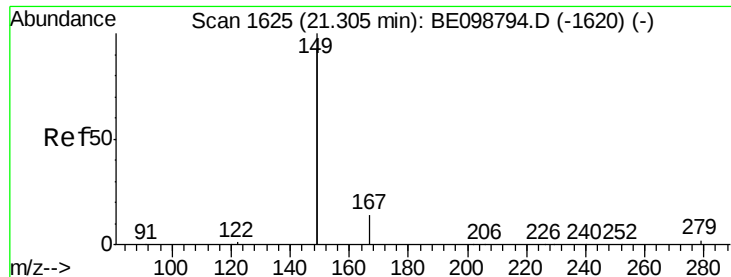


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

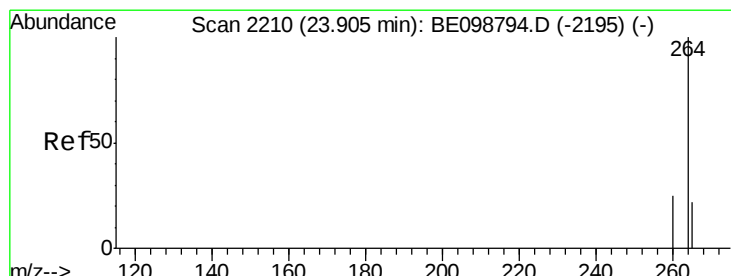
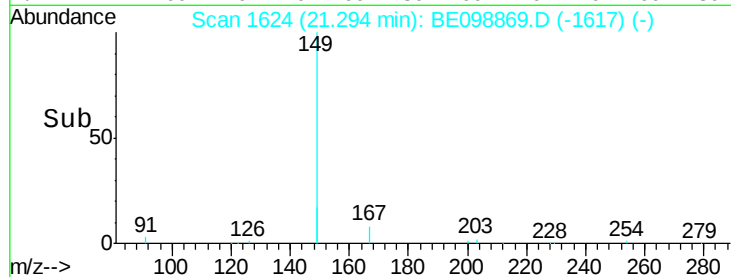
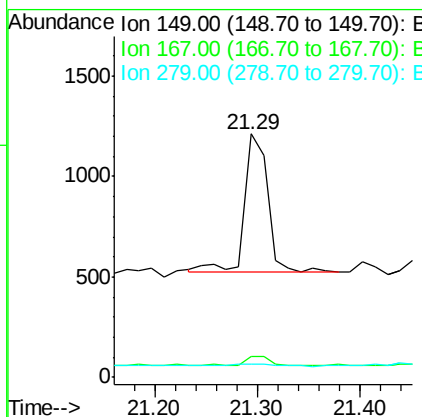
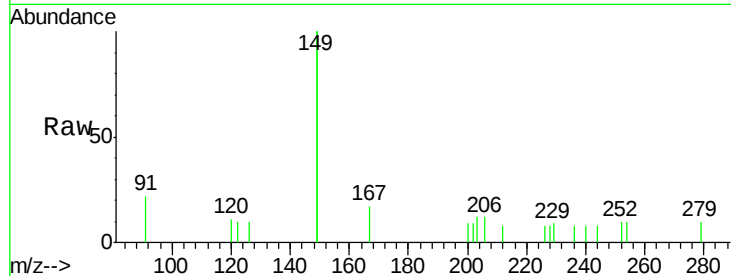




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098869.D
 Acq: 11 Mar 2019 19:31

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20190307

Tgt Ion:149 Resp: 1079
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.4 8.0
 279 3.1 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098869.D
 Acq: 11 Mar 2019 19:31

Tgt Ion:264 Resp: 6733
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.2 31.8
 265 28.7 24.6 36.8

