

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099002.D
 Acq On : 18 Mar 2019 15:57
 Operator : JU/SJ
 Sample : PB117986BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117986BL

Quant Time: Mar 19 01:52:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

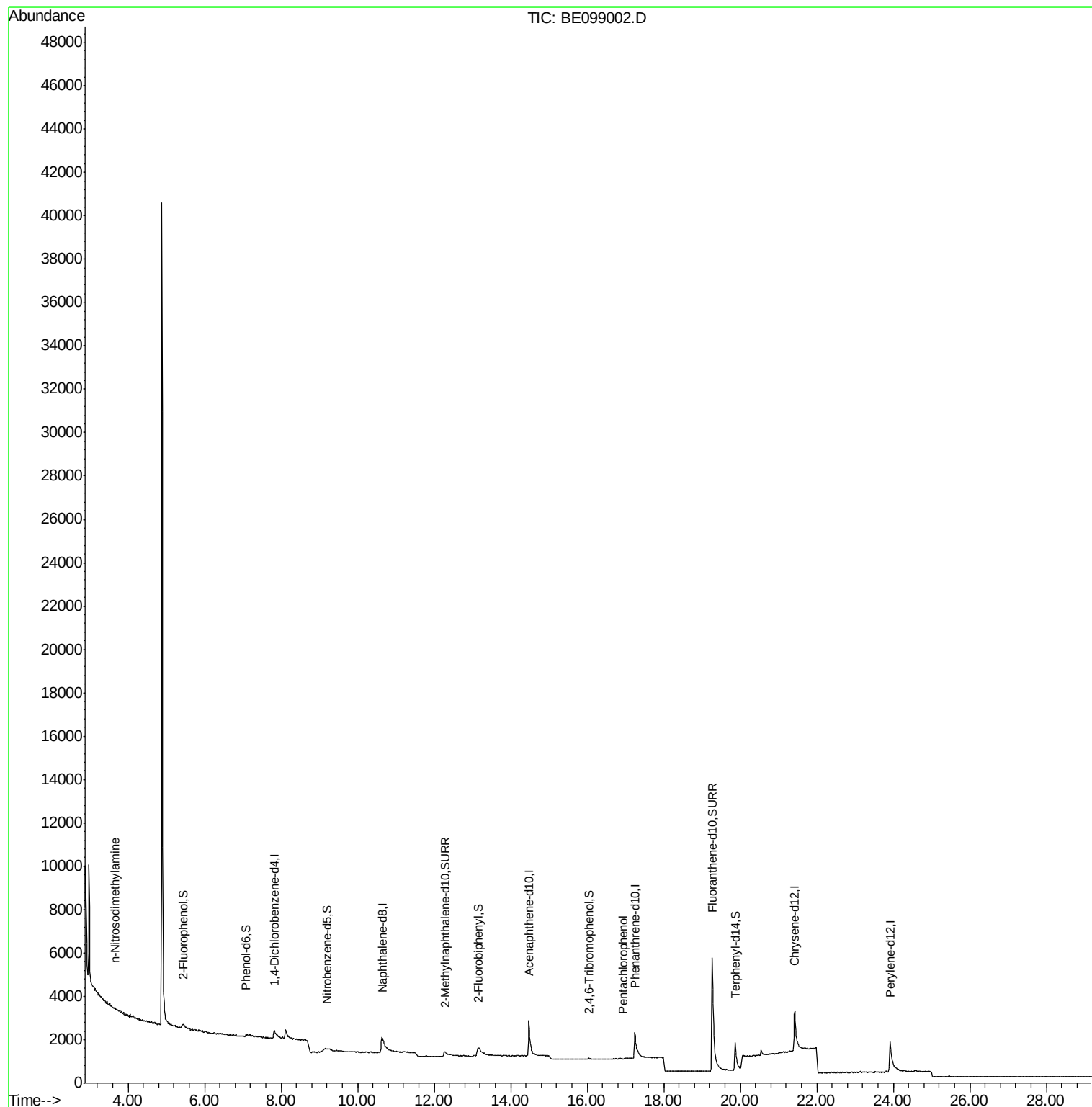
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	518	0.40	ng	0.02
7) Naphthalene-d8	10.64	136	2462	0.40	ng	0.05
13) Acenaphthene-d10	14.47	164	2121	0.40	ng	0.02
19) Phenanthrene-d10	17.24	188	5075	0.40	ng	0.03
27) Chrysene-d12	21.43	240	4986	0.40	ng	0.03
34) Perylene-d12	23.92	264	4254	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	382	0.25	ng	0.05
5) Phenol-d6	7.09	99	104	0.05	ng	0.10
8) Nitrobenzene-d5	9.20	82	365	0.14	ng	0.23
11) 2-Methylnaphthalene-d10	12.28	152	1163	0.26	ng	0.09
14) 2,4,6-Tribromophenol	16.05	330	41	0.04	ng	0.08
15) 2-Fluorobiphenyl	13.16	172	1818	0.21	ng	0.07
25) Fluoranthene-d10	19.27	212	18388	0.23	ng	0.02
29) Terphenyl-d14	19.87	244	2890	0.24	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.34	88	26	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.66	42	41	0.031 ng	#	14
22) Pentachlorophenol	16.95	266	5	0.269 ng		87

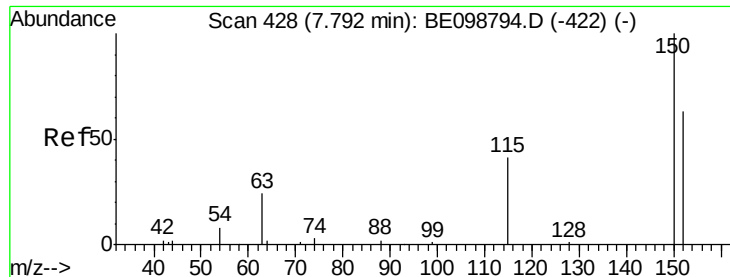
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.02 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

Instrument :

BNA_E

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PB117986BL

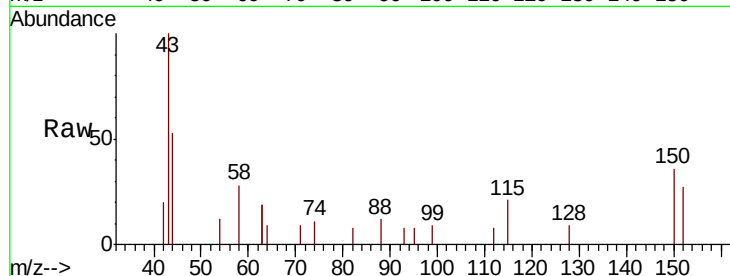
Tgt Ion: 152 Resp: 518

Ion Ratio Lower Upper

152 100

150 133.1 122.5 183.7

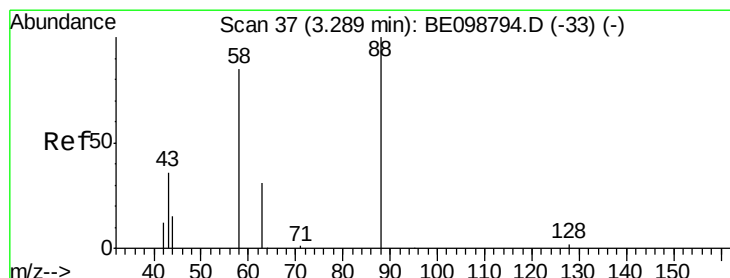
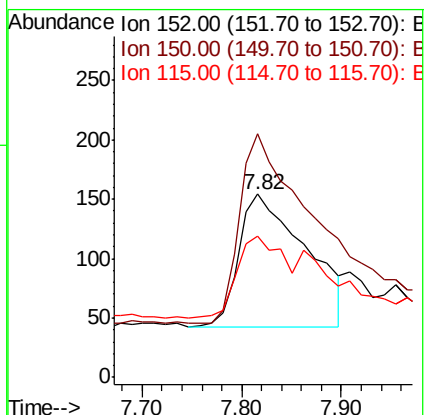
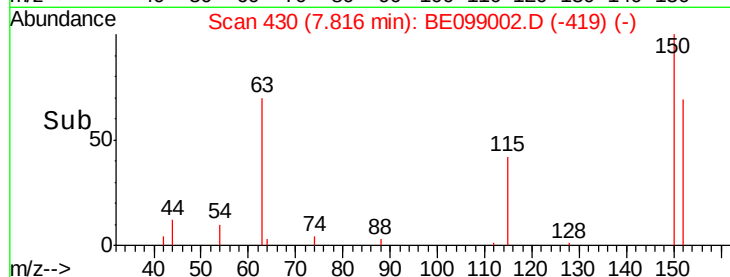
115 77.3 57.4 86.2



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: Below Cal

RT: 3.34 min Scan# 41

Delta R.T. 0.05 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

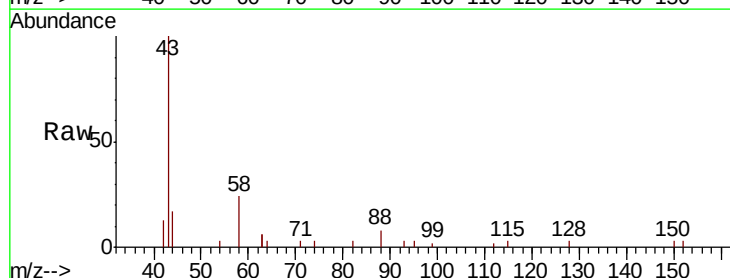
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

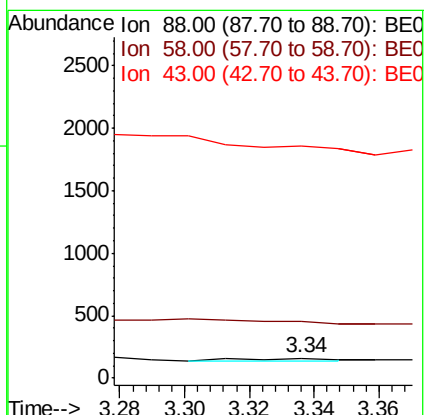
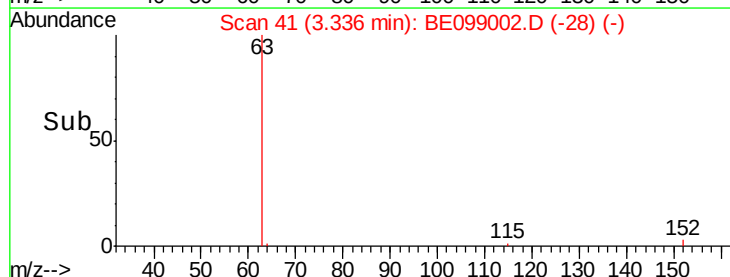
43 0.0 41.8 62.8#

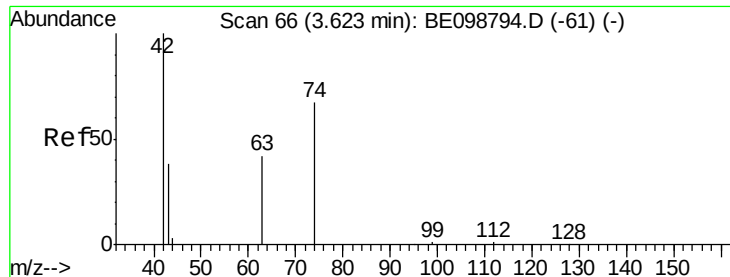


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.031 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

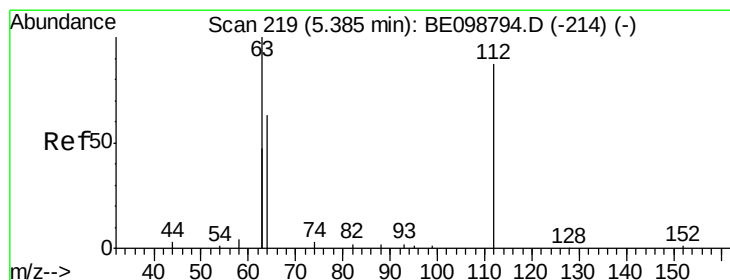
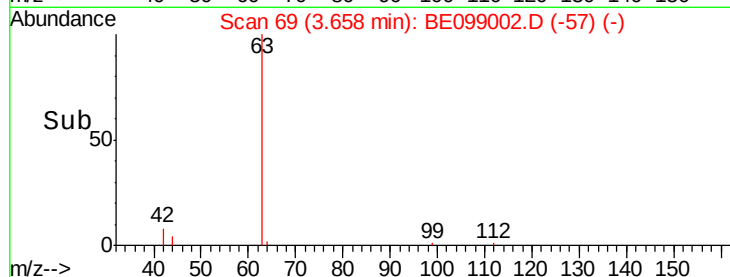
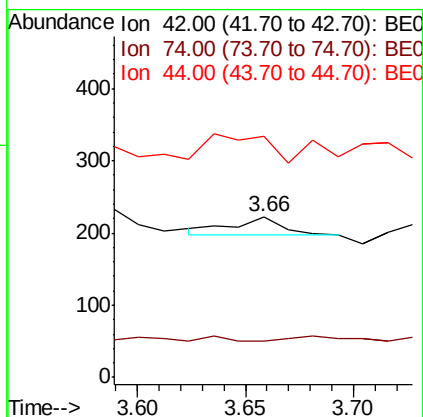
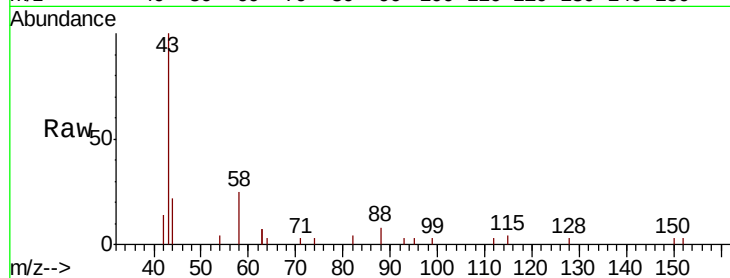
Instrument :

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ClientSampleId :

PB117986BL

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



#4

2-Fluorophenol

Concen: 0.247 ng

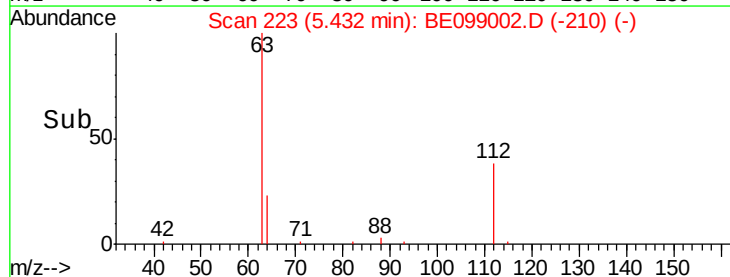
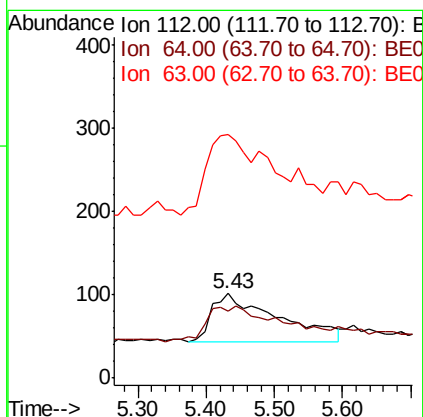
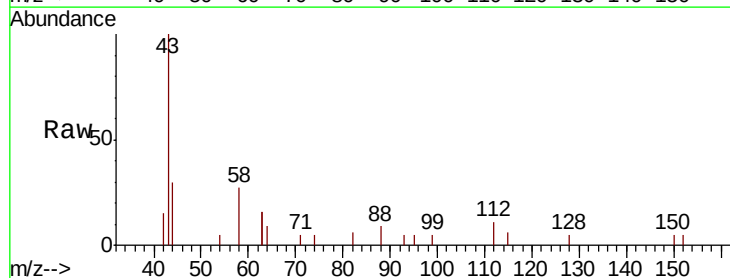
RT: 5.43 min Scan# 223

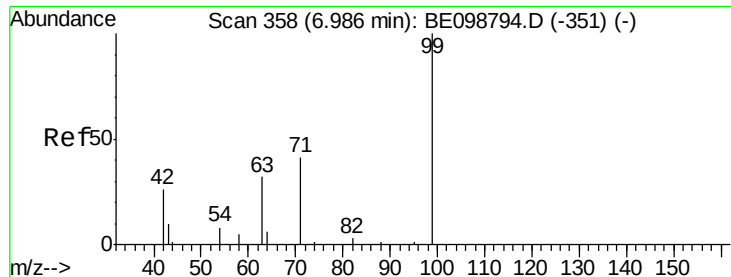
Delta R.T. 0.05 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

Tgt Ion:	112	Resp:	382
Ion	Ratio	Lower	Upper
112	100		
64	85.1	57.9	86.9
63	153.7	158.3	237.5#





#5

Phenol-d6

Concen: 0.048 ng

RT: 7.09 min Scan# 367

Delta R.T. 0.10 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

Instrument :

BNA_E

ClientSampleId :

PB117986BL

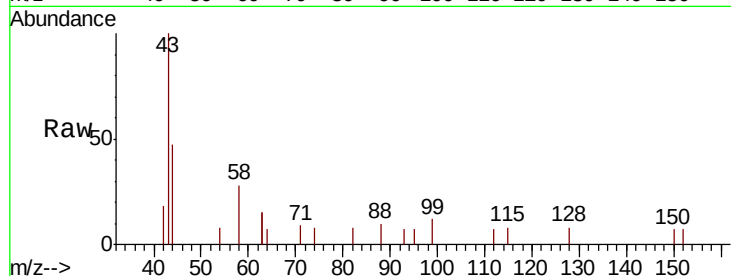
Tgt Ion: 99 Resp: 104

Ion Ratio Lower Upper

99 100

42 26.9 24.2 36.2

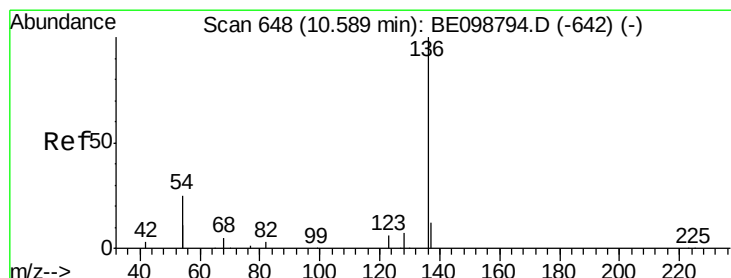
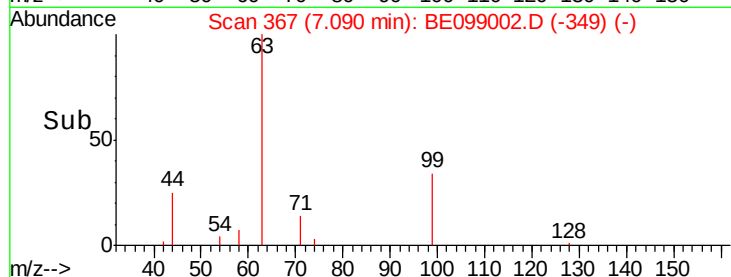
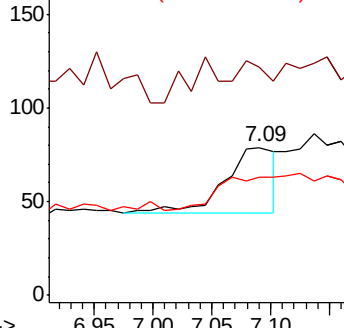
71 0.0 35.7 53.5#



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: 10.64 min Scan# 652

Delta R.T. 0.05 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

Tgt Ion: 136 Resp: 2462

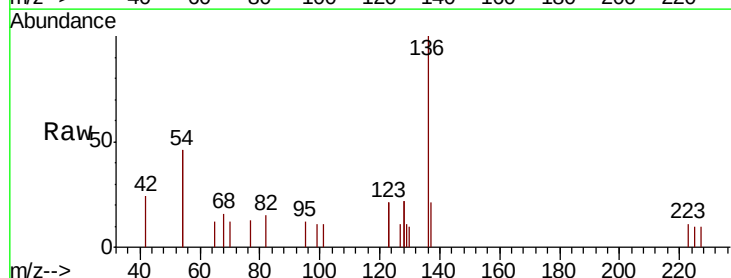
Ion Ratio Lower Upper

136 100

137 21.4 11.4 17.0#

54 92.8 39.3 58.9#

68 16.1 6.7 10.1#

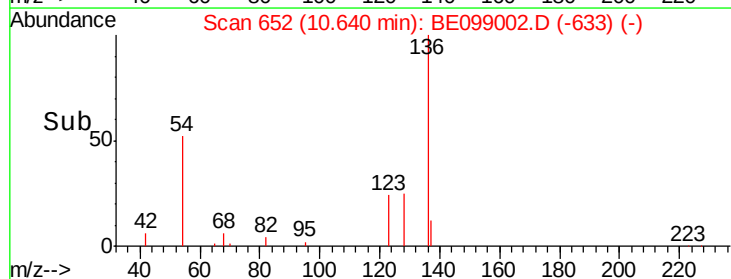
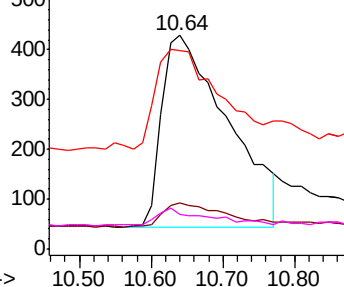


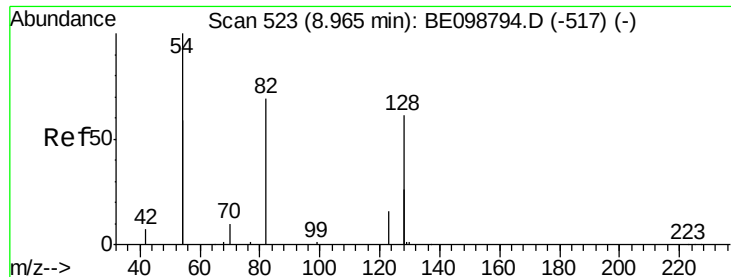
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.141 ng

RT: 9.20 min Scan# 541

Delta R.T. 0.23 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

Instrument :

BNA_E

ClientSampleId :

PB117986BL

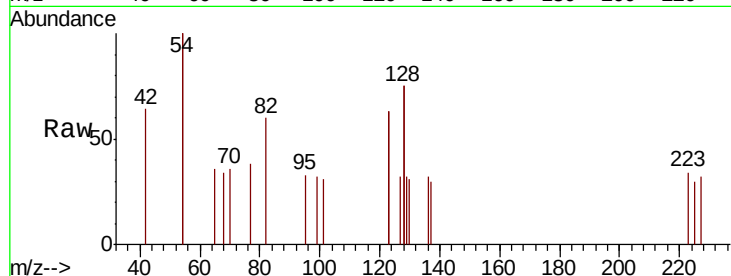
Tgt Ion: 82 Resp: 365

Ion Ratio Lower Upper

82 100

128 252.9 123.8 185.8#

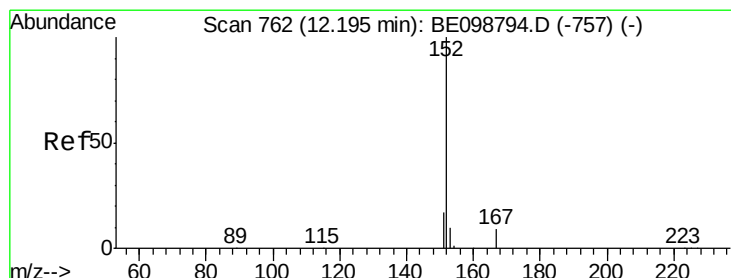
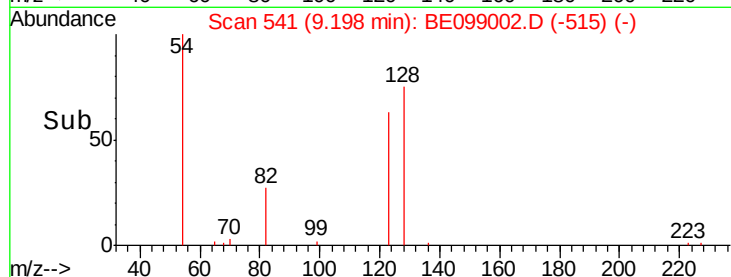
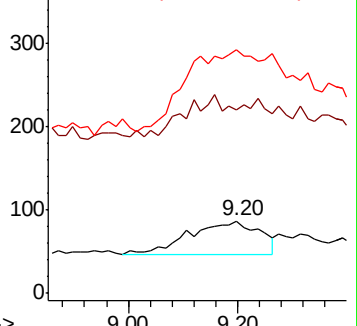
54 335.6 203.4 305.2#



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: 0.256 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.09 min

Lab File: BE099002.D

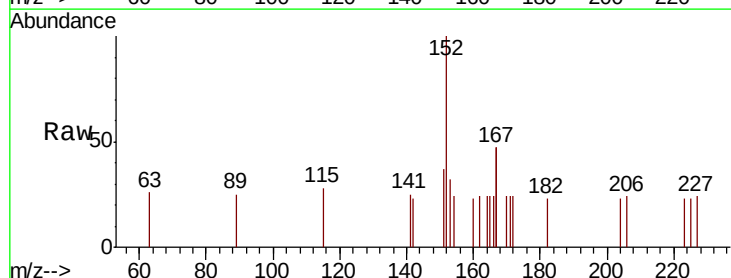
Acq: 18 Mar 2019 15:57

Tgt Ion: 152 Resp: 1163

Ion Ratio Lower Upper

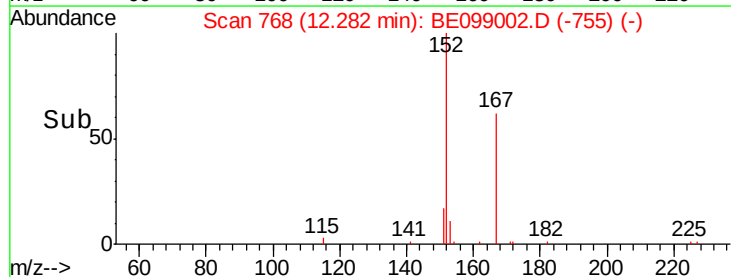
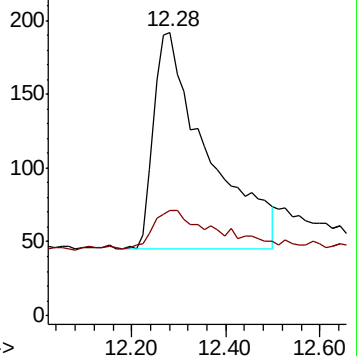
152 100

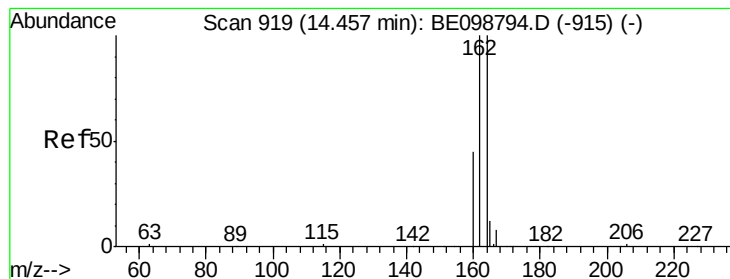
151 20.2 16.5 24.7



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: 14.47 min Scan# 920

Delta R.T. 0.02 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

Instrument :

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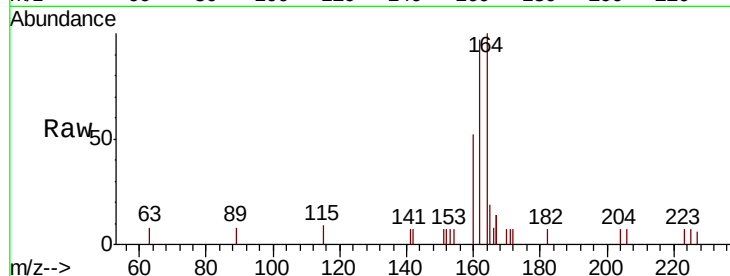
Tgt Ion:164 Resp: 2121

Ion Ratio Lower Upper

164 100

162 97.3 80.2 120.2

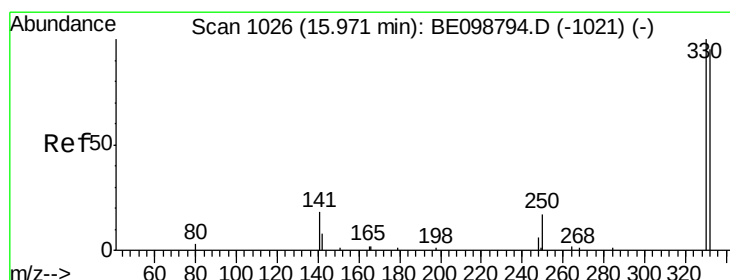
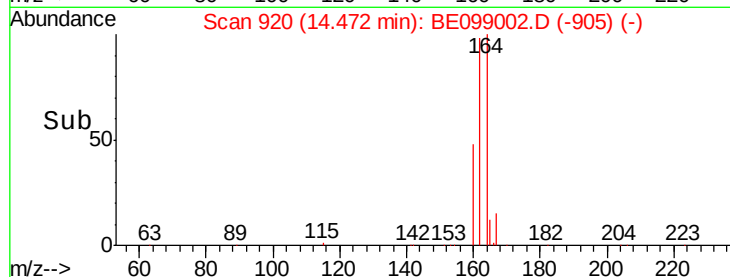
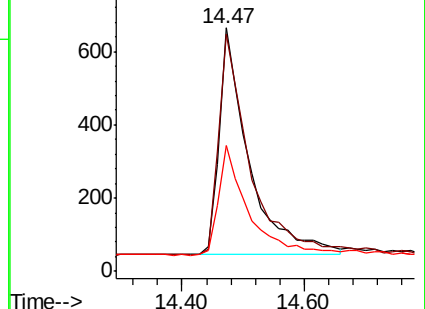
160 51.7 37.8 56.8



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: 0.038 ng

RT: 16.05 min Scan# 1032

Delta R.T. 0.08 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

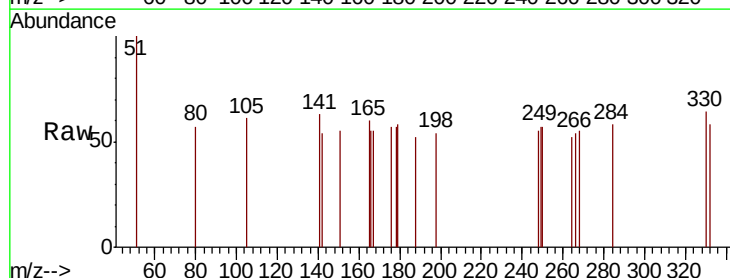
Tgt Ion:330 Resp: 41

Ion Ratio Lower Upper

330 100

332 63.4 77.6 116.4#

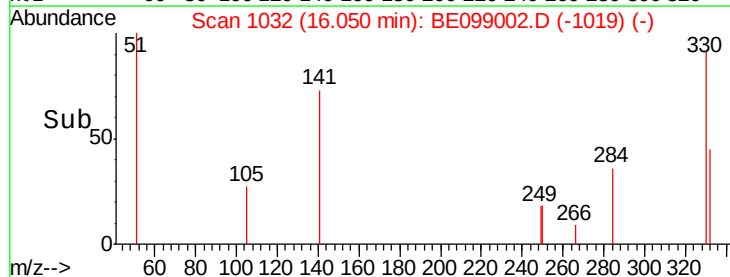
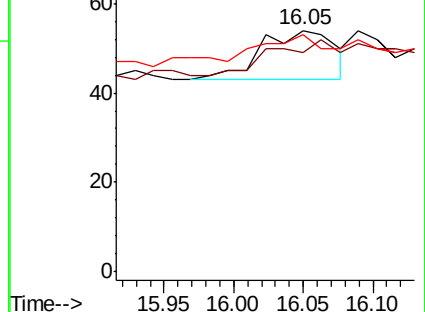
141 70.7 31.0 46.4#

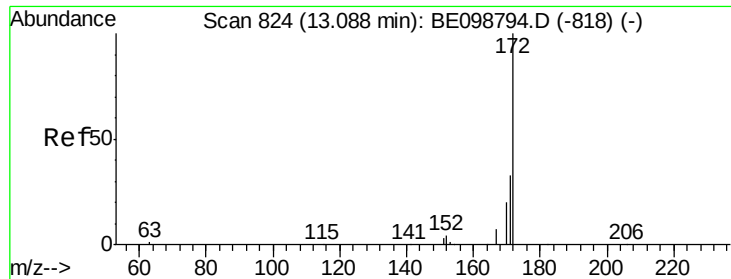


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

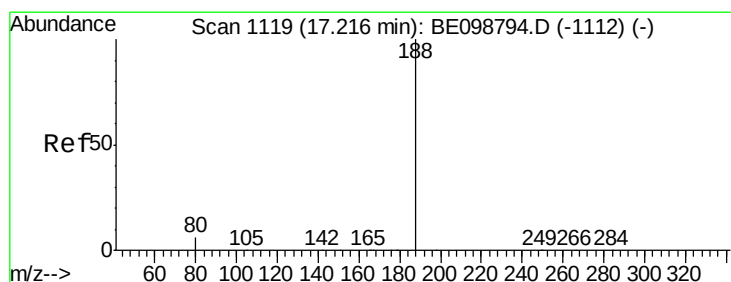
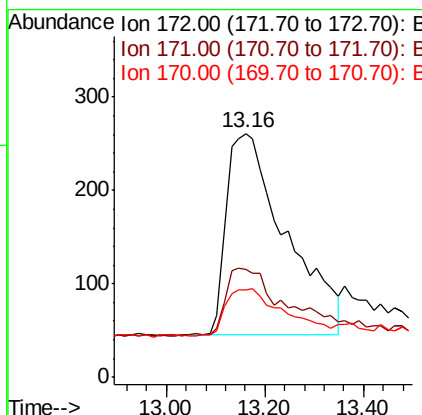
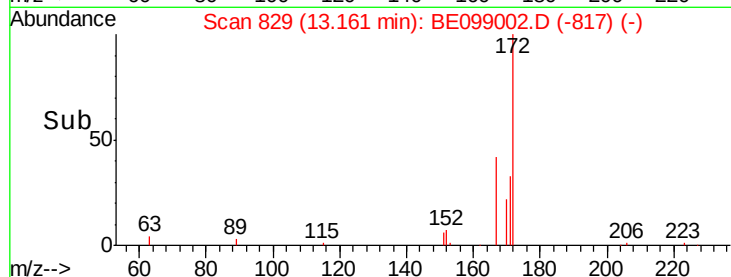
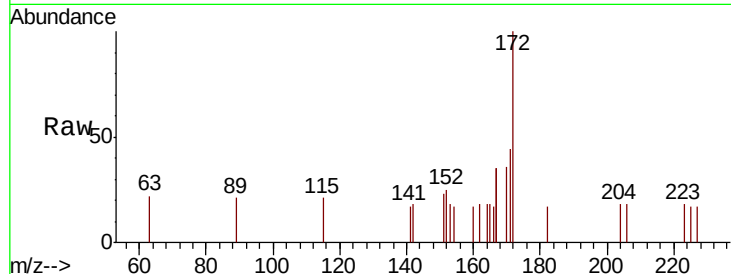




#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.07 min
Lab File: BE099002.D
Acq: 18 Mar 2019 15:57

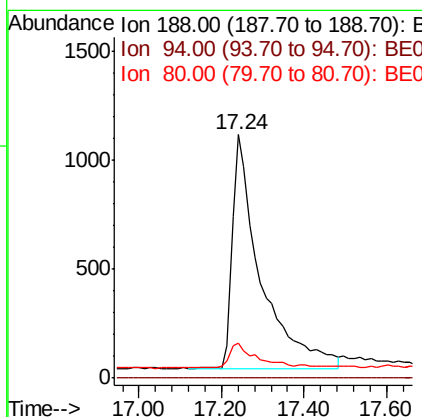
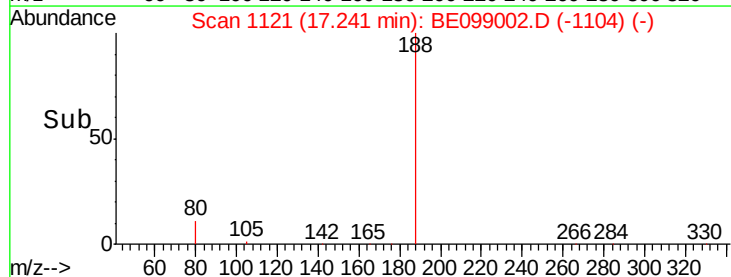
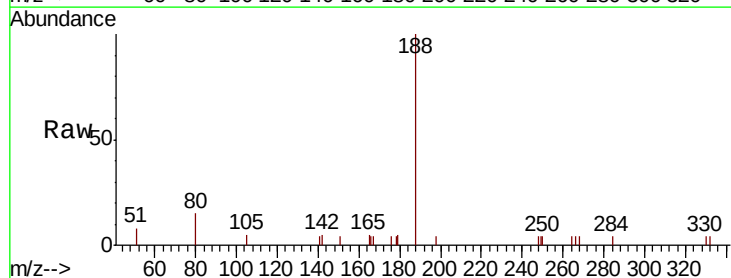
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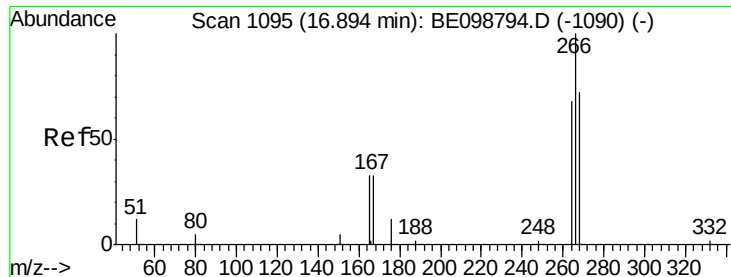
Tgt Ion:172 Resp: 1818
Ion Ratio Lower Upper
172 100
171 44.1 28.0 42.0#
170 36.0 17.7 26.5#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.03 min
Lab File: BE099002.D
Acq: 18 Mar 2019 15:57

Tgt Ion:188 Resp: 5075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.269 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.05 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

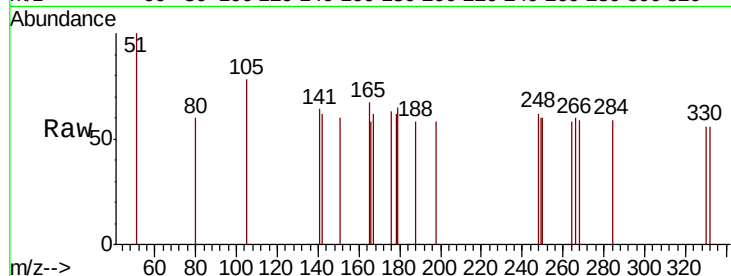
Instrument :

BNA_E

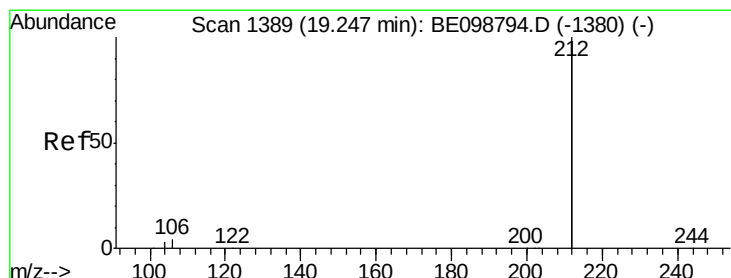
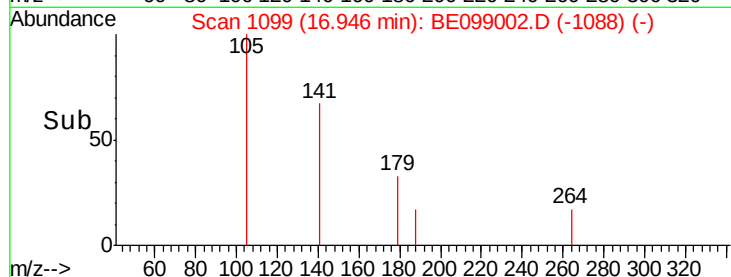
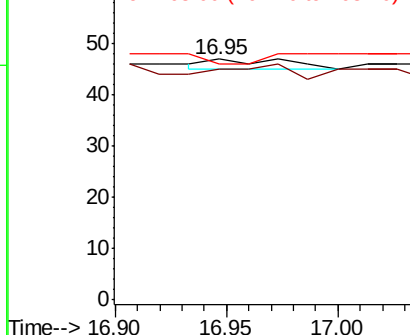
ClientSampleId :

PB117986BL

Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	95.7	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



#25

Fluoranthene-d10

Concen: 0.227 ng

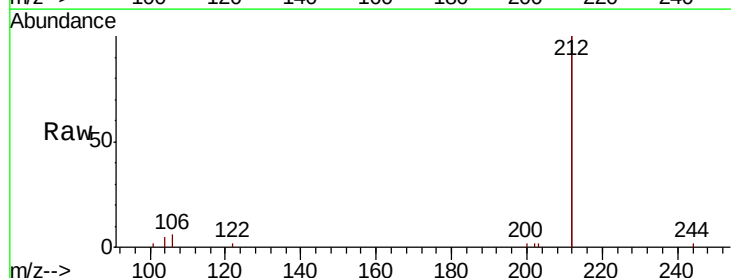
RT: 19.27 min Scan# 1392

Delta R.T. 0.02 min

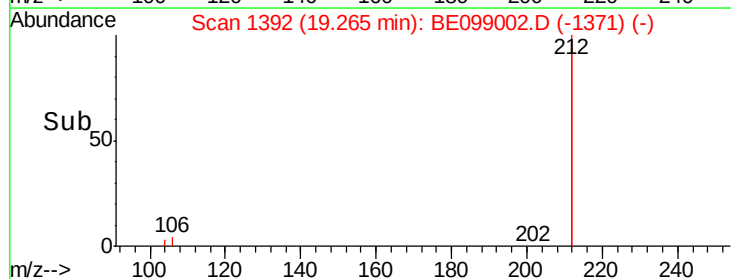
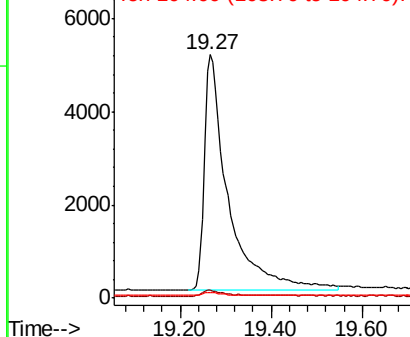
Lab File: BE099002.D

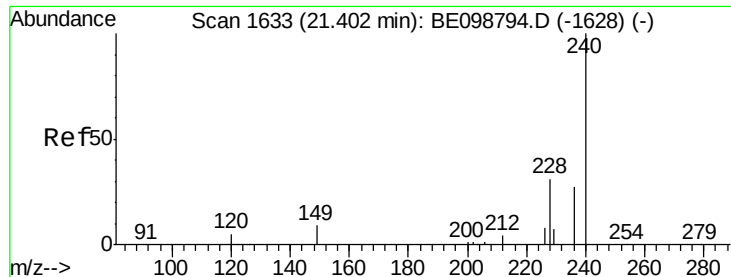
Acq: 18 Mar 2019 15:57

Tgt Ion:	212	Resp:	18388
Ion	Ratio	Lower	Upper
212	100		
106	2.0	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: 21.43 min Scan# 1635

Delta R.T. 0.03 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

Instrument :

BNA_E

ClientSampleId :

PB117986BL

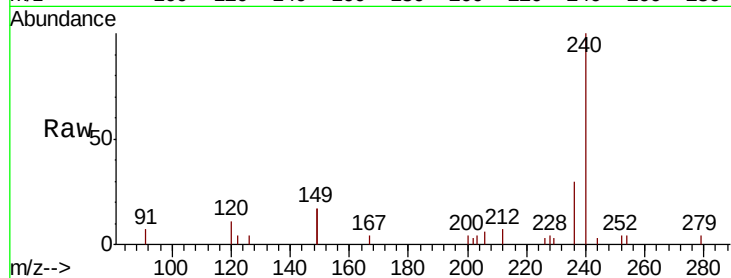
Tgt Ion:240 Resp: 4986

Ion Ratio Lower Upper

240 100

120 10.6 5.0 7.4#

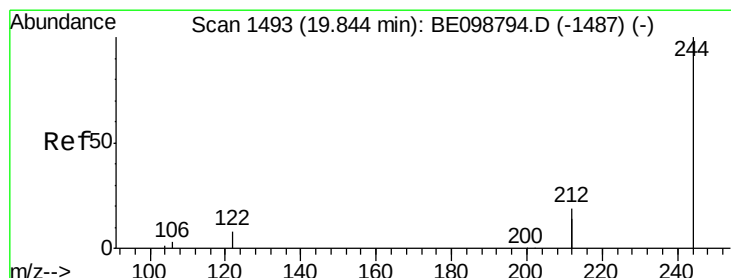
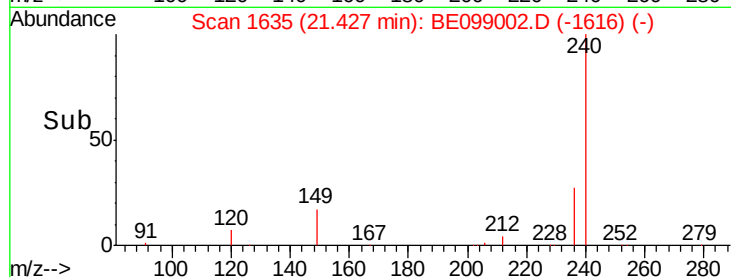
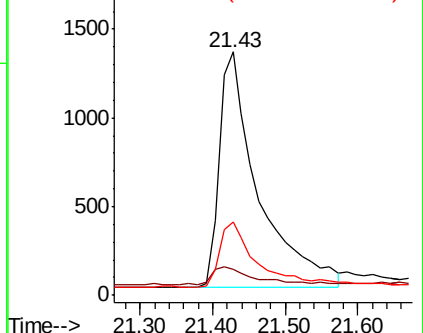
236 30.0 22.7 34.1



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: 0.239 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.02 min

Lab File: BE099002.D

Acq: 18 Mar 2019 15:57

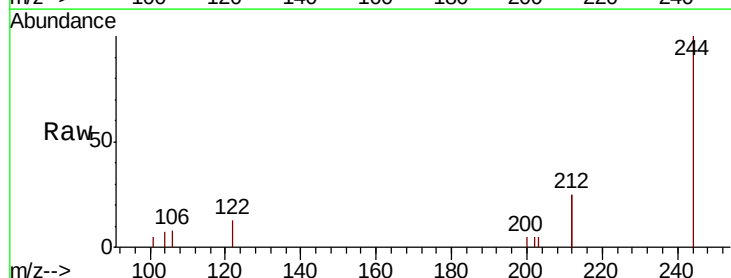
Tgt Ion:244 Resp: 2890

Ion Ratio Lower Upper

244 100

212 50.5 29.4 44.2#

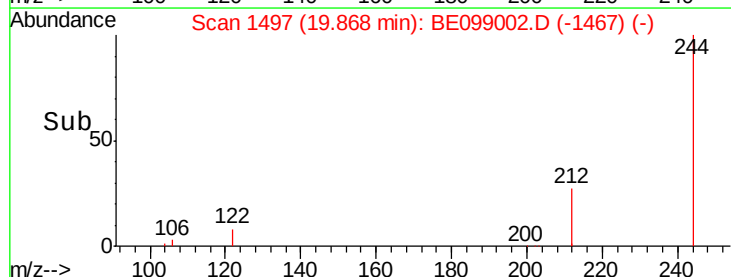
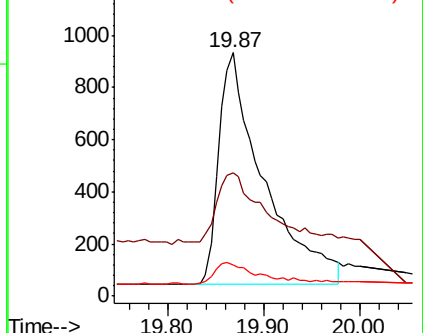
122 12.8 7.1 10.7#

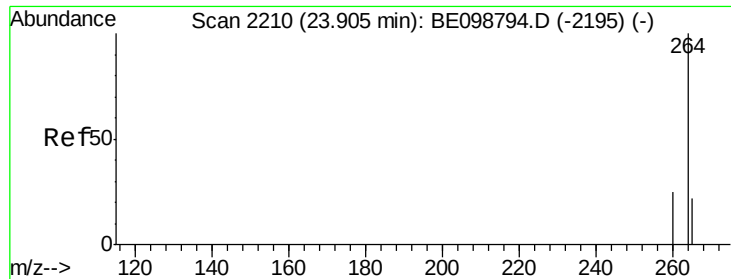


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BE099002.D
Acq: 18 Mar 2019 15:57

Instrument :
BNA_E
ClientSampleId :
PB117986BL

Tgt Ion: 264 Resp: 4254
Ion Ratio Lower Upper
264 100
260 27.6 21.2 31.8
265 36.7 24.6 36.8

