

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
 Data File : BE098905.D
 Acq On : 12 Mar 2019 19:34
 Operator : JU/SJ
 Sample : K1841-06DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190308DL

Quant Time: Mar 13 07:46:21 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

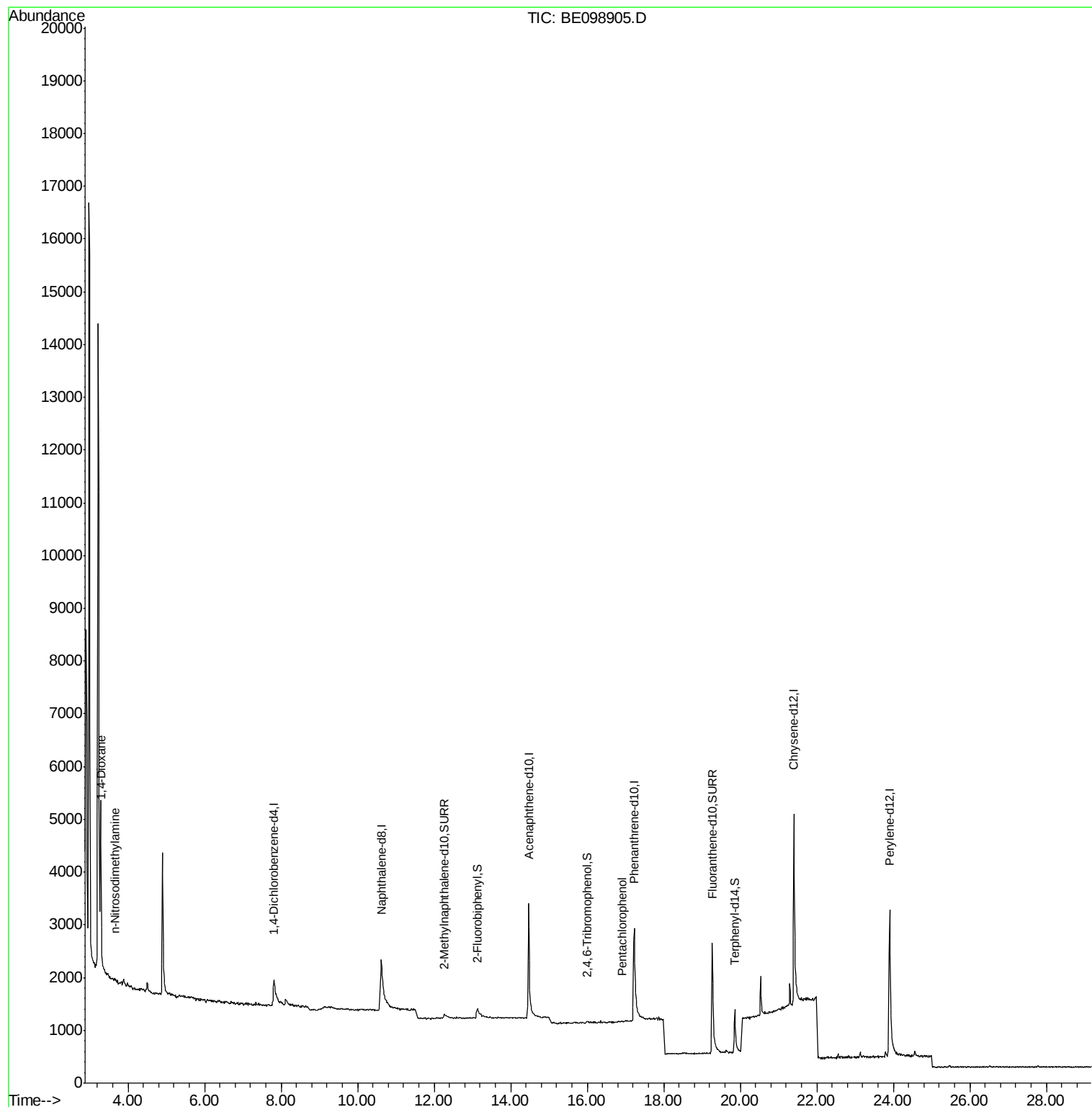
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	547	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2743	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2138	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5684	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6057	0.40	ng	0.00
34) Perylene-d12	23.90	264	5904	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	26	0.02	ng	0.06
5) Phenol-d6	7.01	99	6	0.00	ng	0.03
8) Nitrobenzene-d5	9.00	82	8	0.00	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	364	0.07	ng	0.07
14) 2,4,6-Tribromophenol	16.01	330	35	0.03	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	666	0.08	ng	0.04
25) Fluoranthene-d10	19.26	212	5889	0.06	ng	0.02
29) Terphenyl-d14	19.86	244	1377	0.09	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	1817	2.053	ng	96
3) n-Nitrosodimethylamine	3.65	42	55	0.040	ng	# 14
22) Pentachlorophenol	16.91	266	7	0.270	ng	86

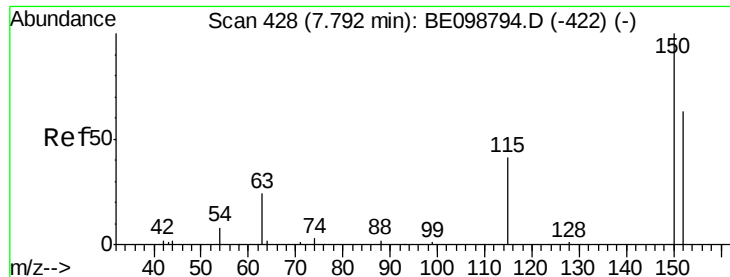
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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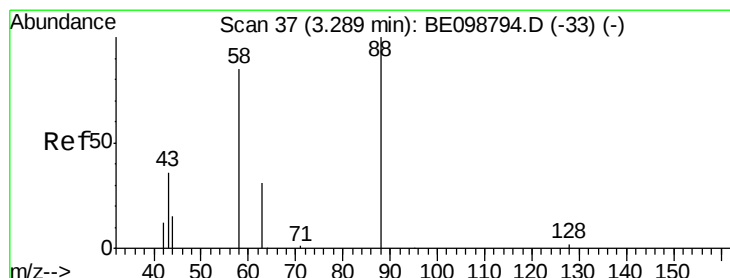
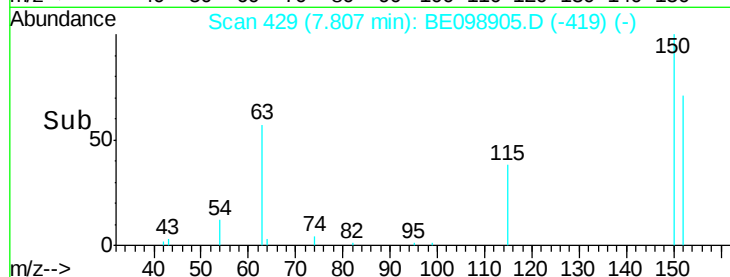
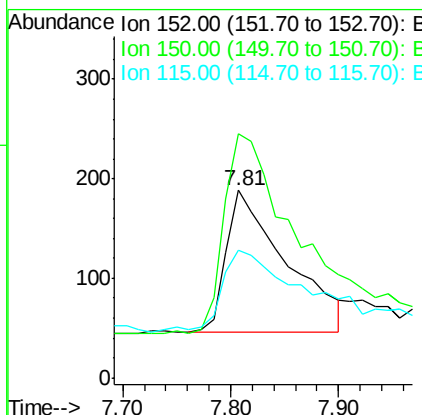
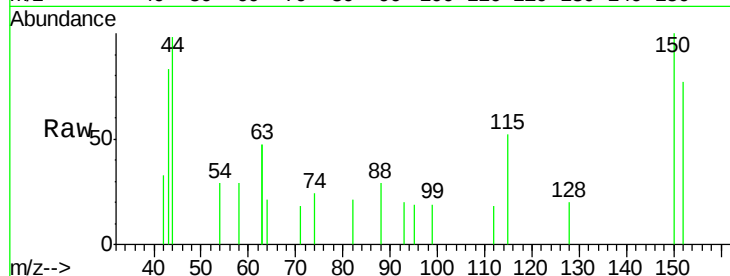


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

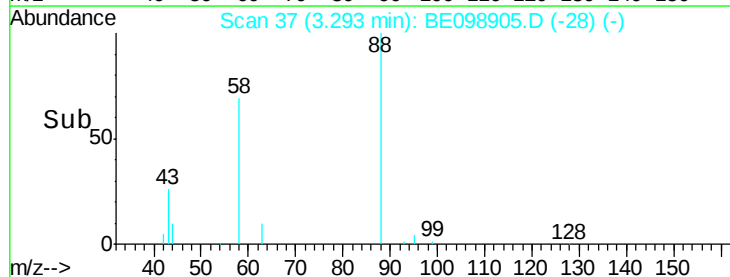
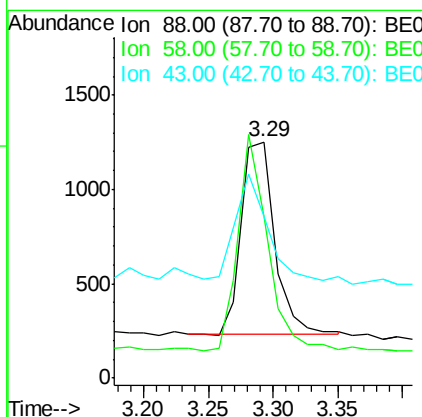
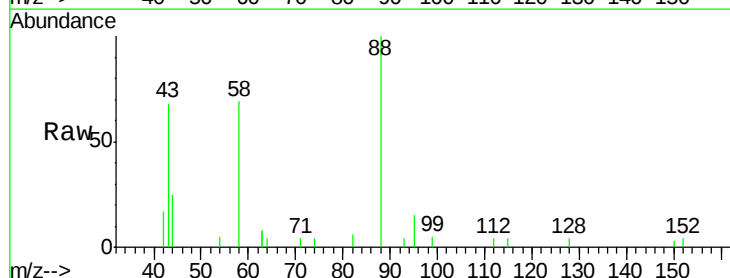
Tgt Ion: 152 Resp: 547
Ion Ratio Lower Upper
152 100
150 130.3 122.5 183.7
115 68.1 57.4 86.2

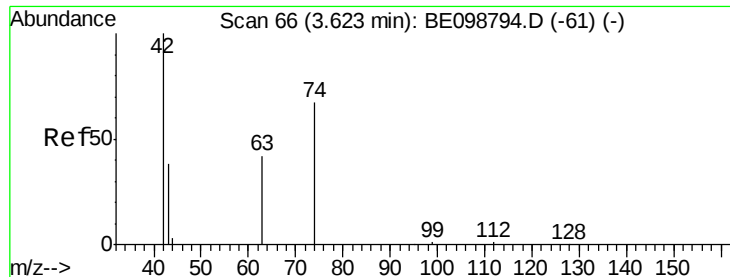


#2

1,4-Dioxane
Concen: 2.053 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 88 Resp: 1817
Ion Ratio Lower Upper
88 100
58 100.7 75.8 113.6
43 51.5 41.8 62.8





#3

n-Nitrosodimethylamine

Concen: 0.040 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.03 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190308DL

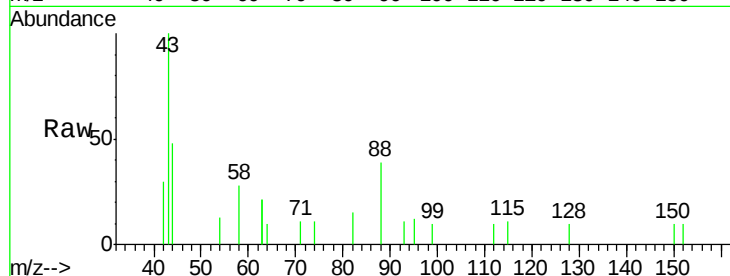
Tgt Ion: 42 Resp: 55

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 54.5 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

300

250

200

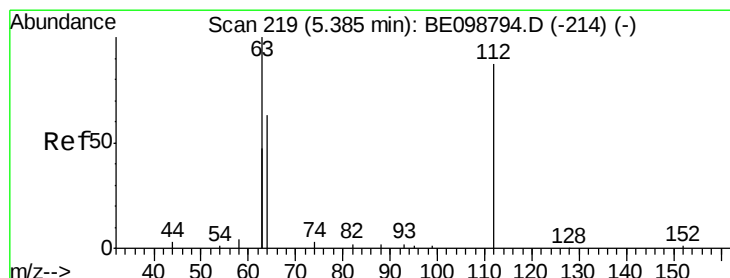
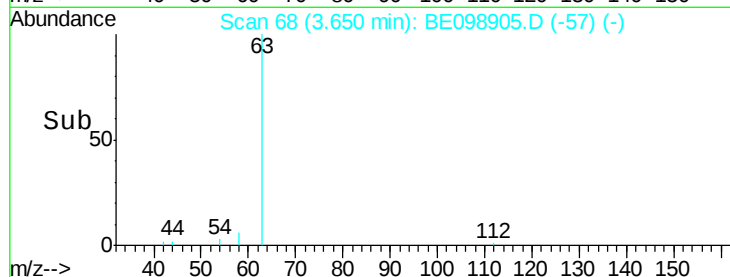
150

100

50

0

Time--> 3.55 3.60 3.65 3.70



#4

2-Fluorophenol

Concen: 0.016 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.06 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

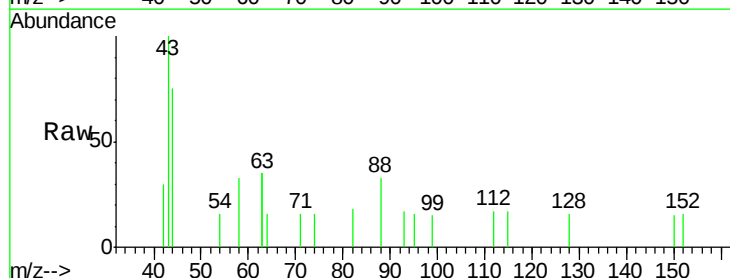
Tgt Ion: 112 Resp: 26

Ion Ratio Lower Upper

112 100

64 46.2 57.9 86.9#

63 192.3 158.3 237.5



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

250

200

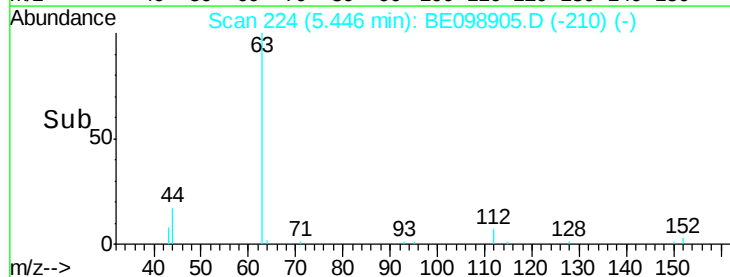
150

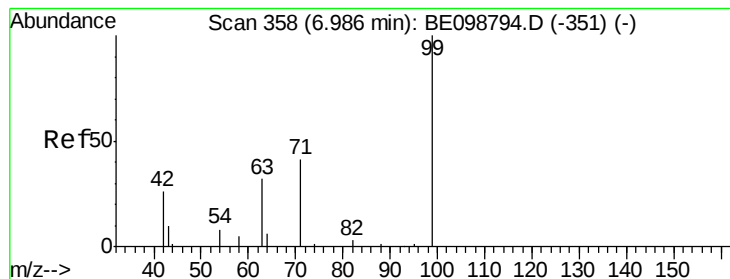
100

50

0

Time--> 5.30 5.40 5.50





#5

Phenol-d6

Concen: 0.003 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

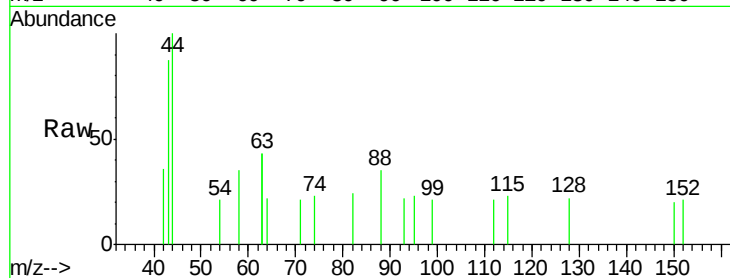
Instrument :

BNA_E

ClientSampleId :

RE125D1-20190308DL

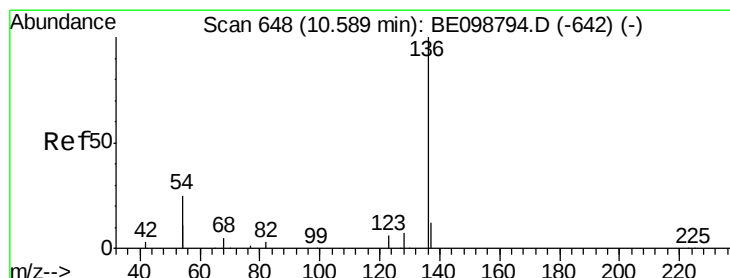
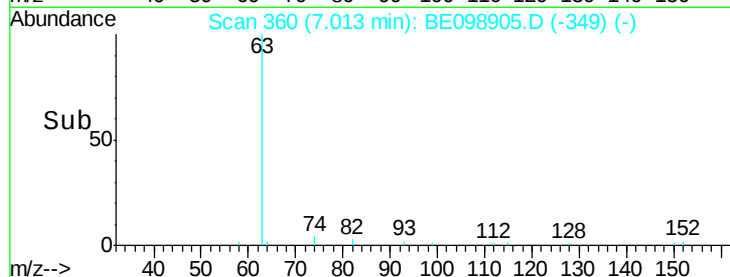
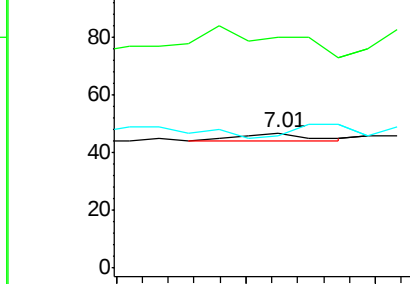
Tgt Ion:	99	Resp:	6
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	133.3	35.7	53.5#



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

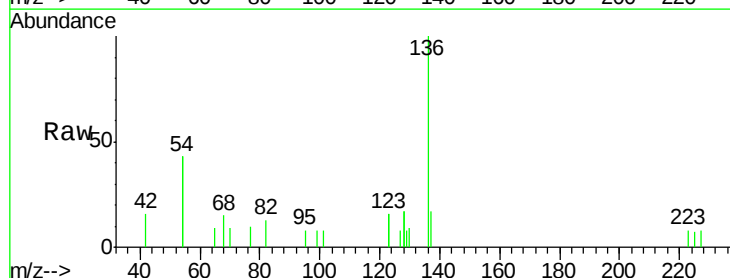
RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

Tgt Ion:	136	Resp:	2743
Ion	Ratio	Lower	Upper
136	100		
137	17.5	11.4	17.0#
54	85.7	39.3	58.9#
68	14.6	6.7	10.1#

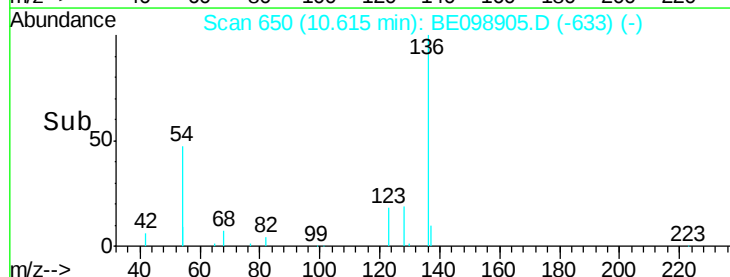
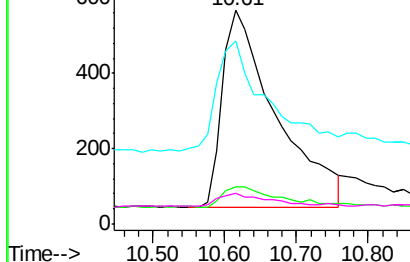


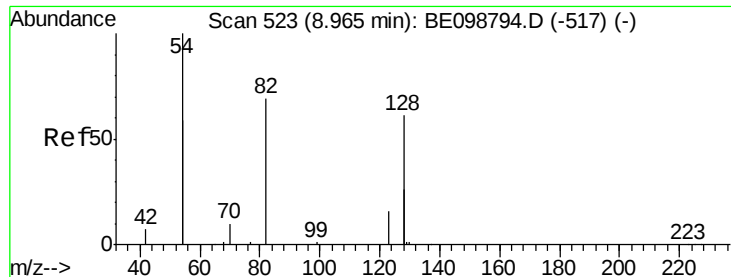
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.003 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

Instrument :

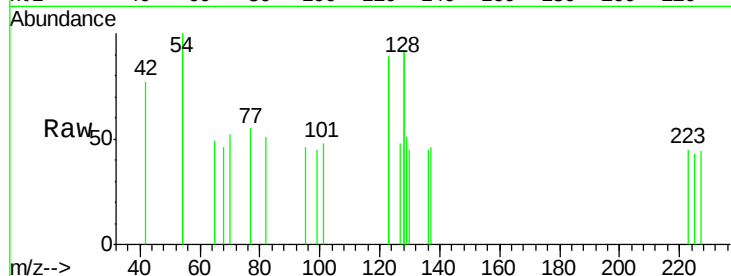
BNA_E

ClientSampleId :

RE125D1-20190308DL

Tgt Ion: 82 Resp: 8

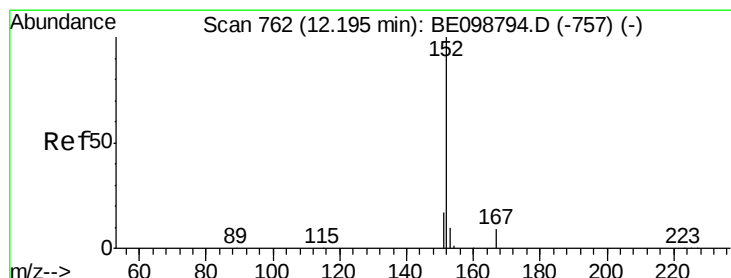
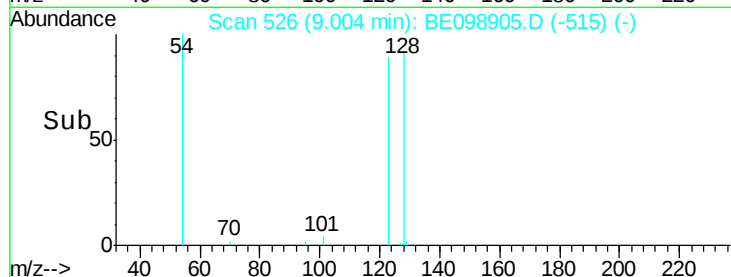
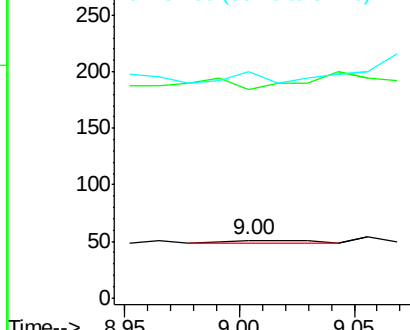
Ion	Ratio	Lower	Upper
82	100		
128	360.8	123.8	185.8#
54	392.2	203.4	305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE098794.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE098794.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE098794.D (-517) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.072 ng

RT: 12.27 min Scan# 767

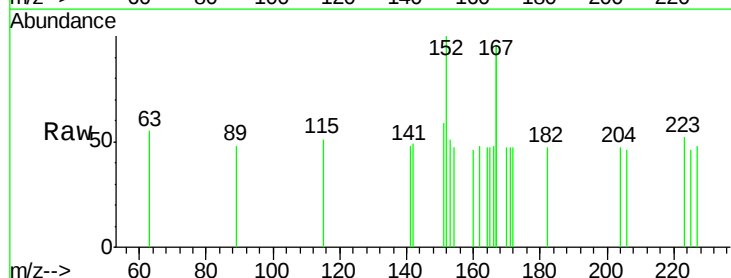
Delta R.T. 0.07 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

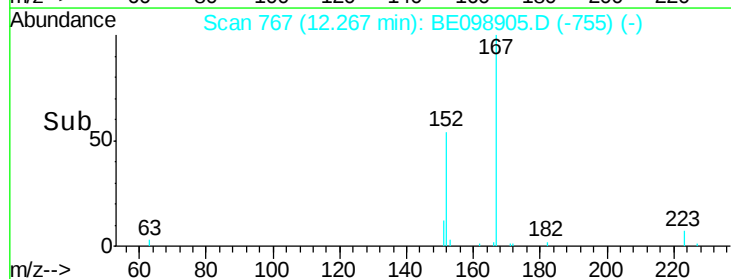
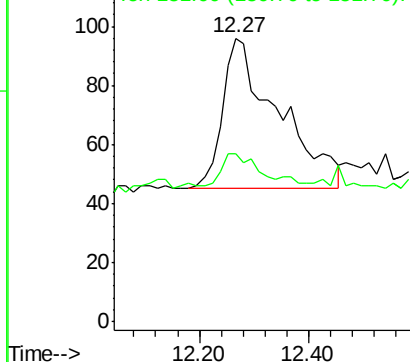
Tgt Ion: 152 Resp: 364

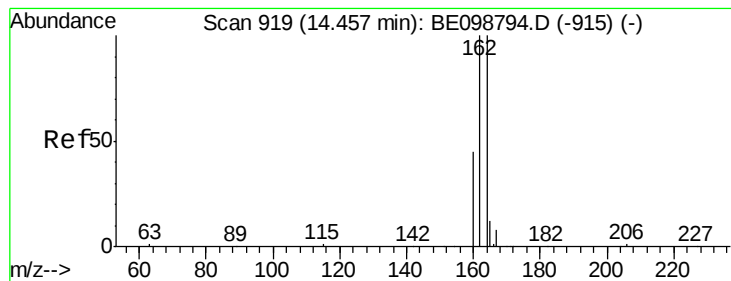
Ion	Ratio	Lower	Upper
152	100		
151	13.2	16.5	24.7#



Abundance Ion 152.00 (151.70 to 152.70): BE098794.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE098794.D (-757) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

Instrument :

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ClientSampleId :

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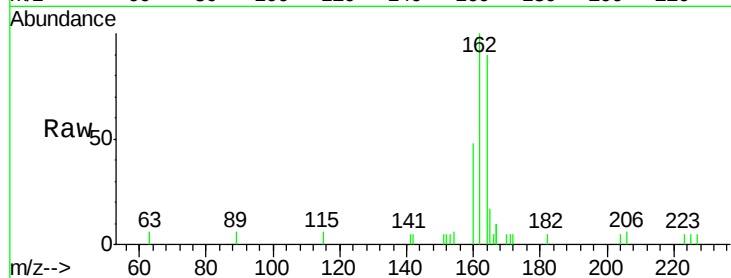
Tgt Ion:164 Resp: 2138

Ion Ratio Lower Upper

164 100

162 111.4 80.2 120.2

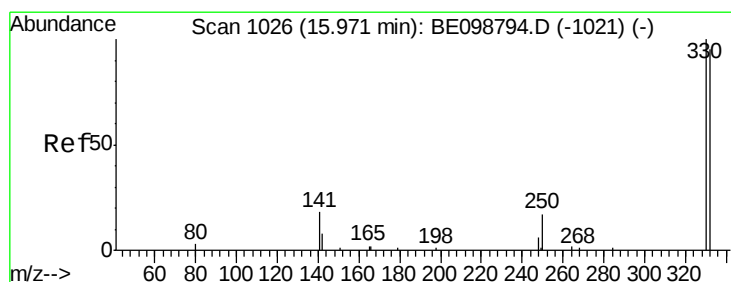
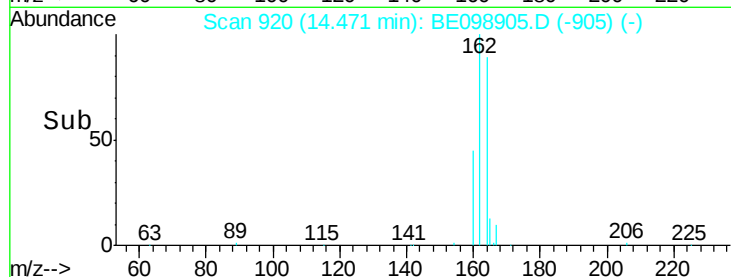
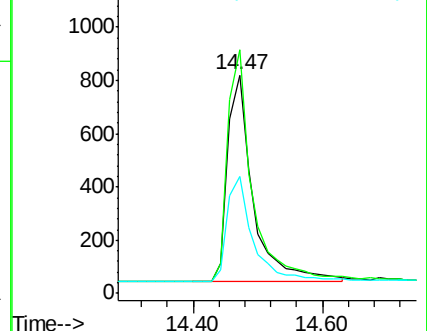
160 53.6 37.8 56.8



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: 0.032 ng

RT: 16.01 min Scan# 1029

Delta R.T. 0.04 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

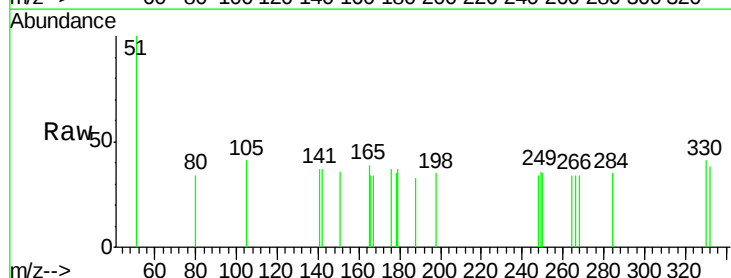
Tgt Ion:330 Resp: 35

Ion Ratio Lower Upper

330 100

332 131.4 77.6 116.4#

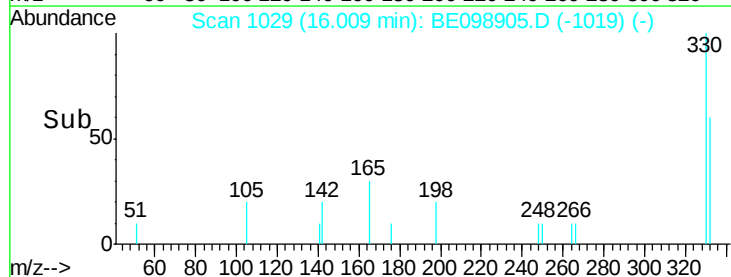
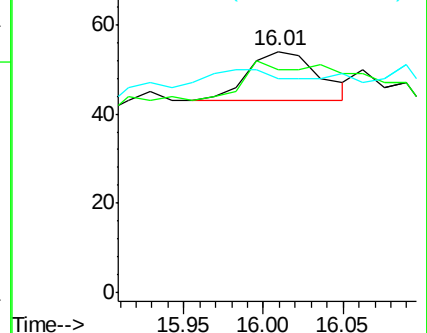
141 0.0 31.0 46.4#

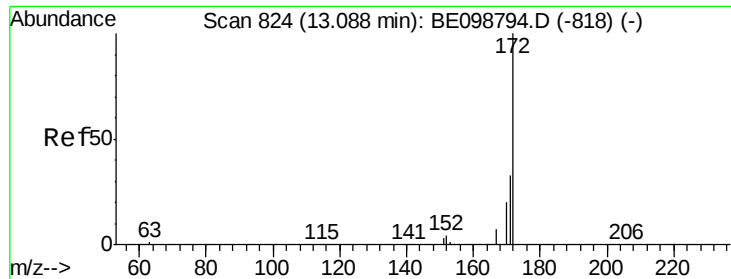


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

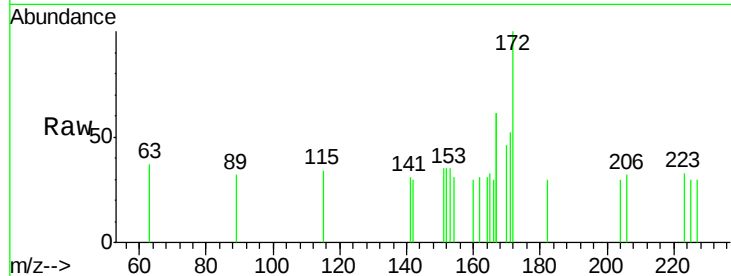




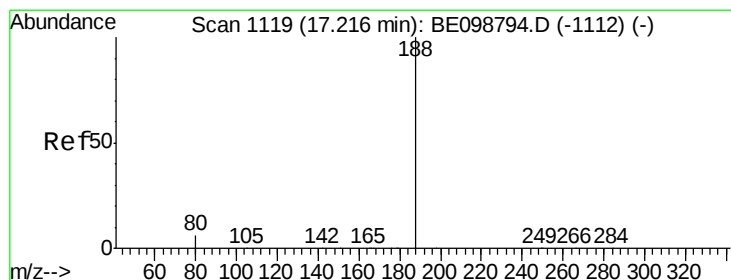
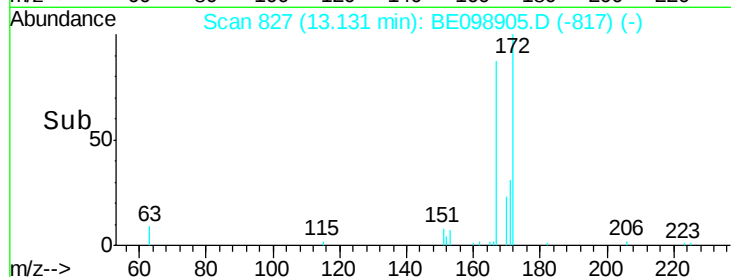
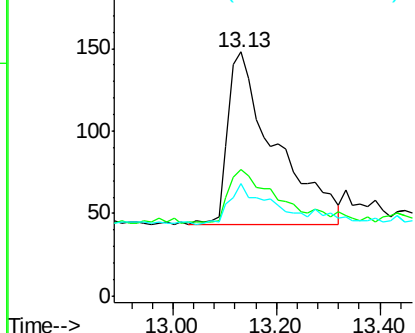
#15
 2-Fluorobiphenyl
 Concen: 0.075 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.04 min
 Lab File: BE098905.D
 Acq: 12 Mar 2019 19:34

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Tgt Ion:172 Resp: 666
 Ion Ratio Lower Upper
 172 100
 171 52.0 28.0 42.0#
 170 45.9 17.7 26.5#

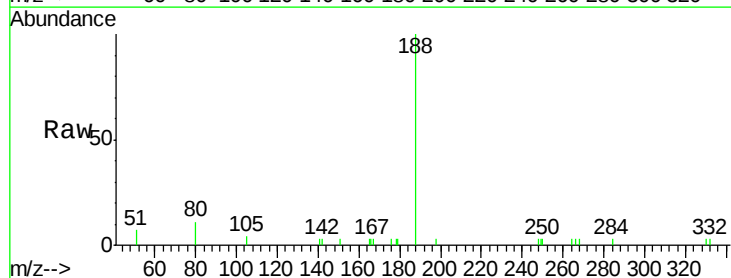


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

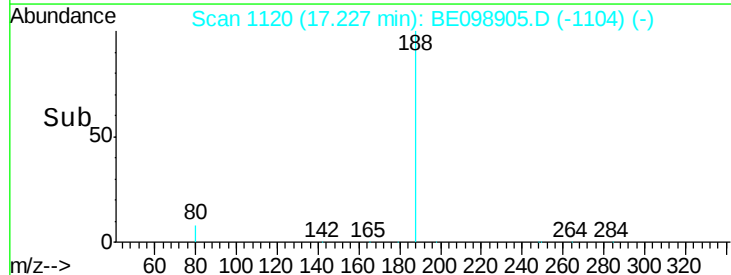
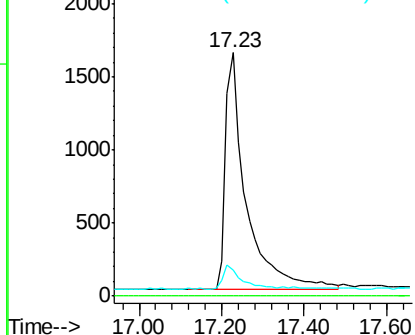


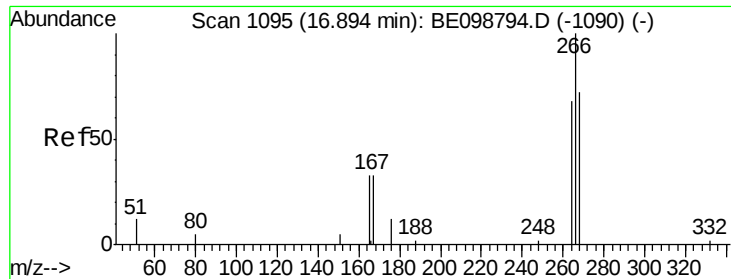
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BE098905.D
 Acq: 12 Mar 2019 19:34

Tgt Ion:188 Resp: 5684
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.8 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

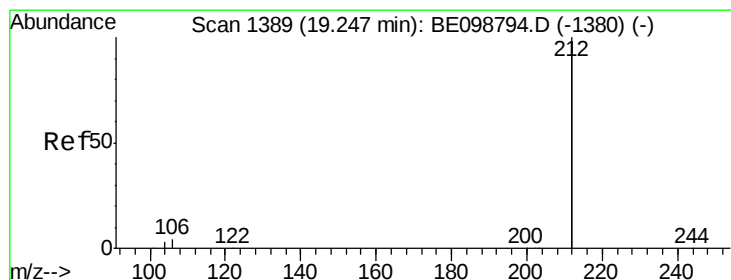
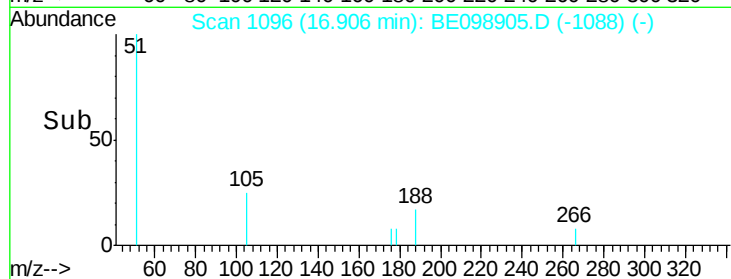
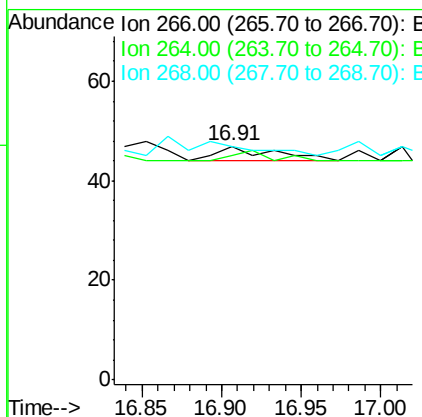
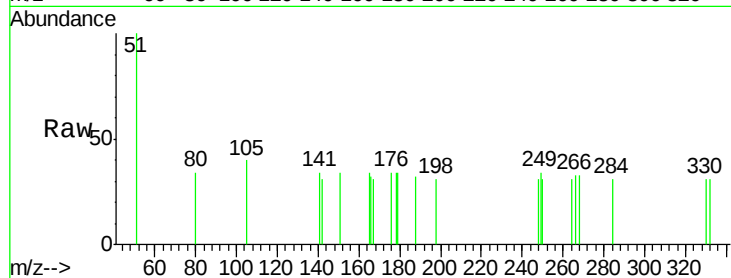




#22
 Pentachlorophenol
 Concen: 0.270 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BE098905.D
 Acq: 12 Mar 2019 19:34

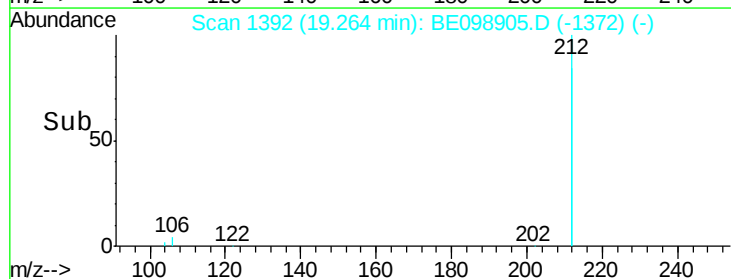
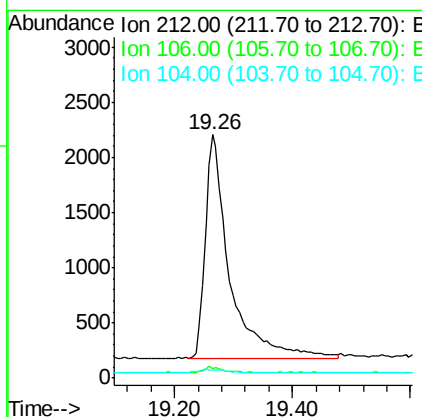
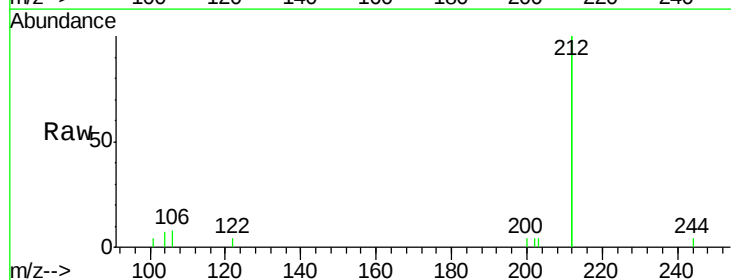
Instrument :
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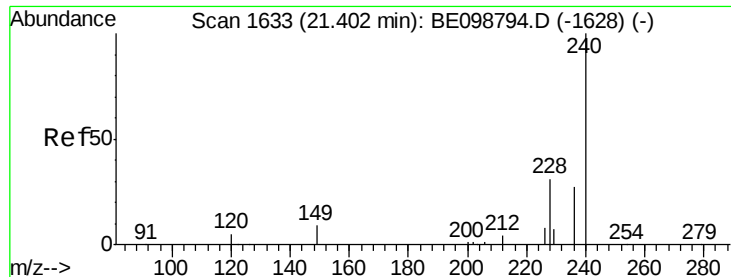
Tgt Ion: 266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 95.7 66.6 100.0
 268 100.0 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.065 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.02 min
 Lab File: BE098905.D
 Acq: 12 Mar 2019 19:34

Tgt Ion: 212 Resp: 5889
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 0.5 1.0 1.6#

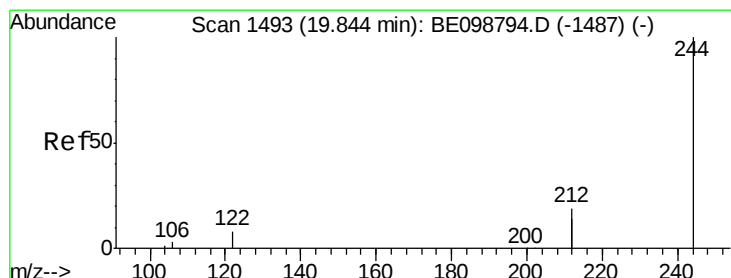
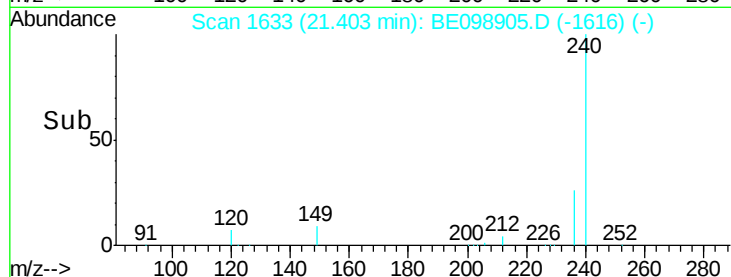
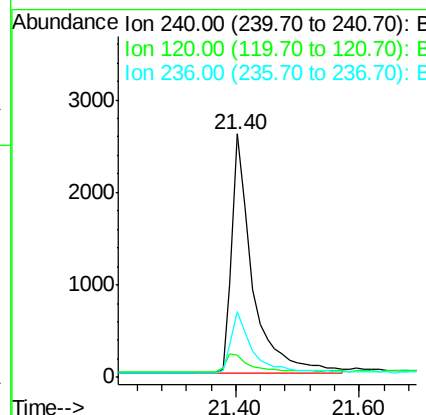
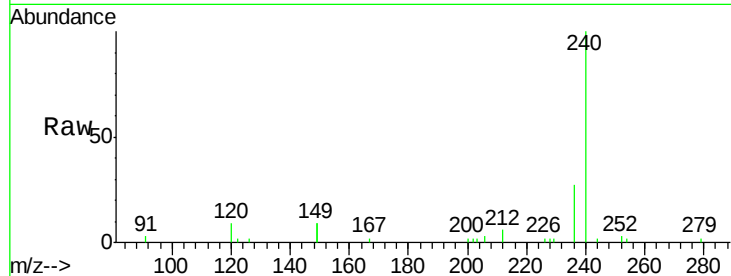




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098905.D
 Acq: 12 Mar 2019 19:34

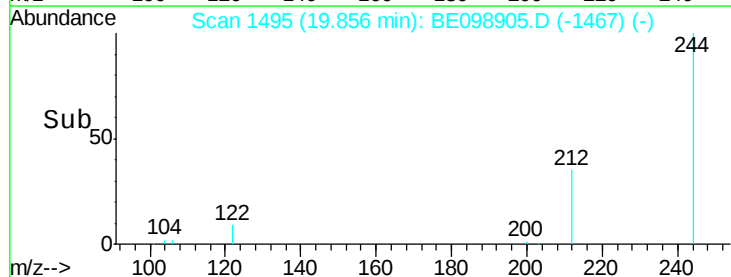
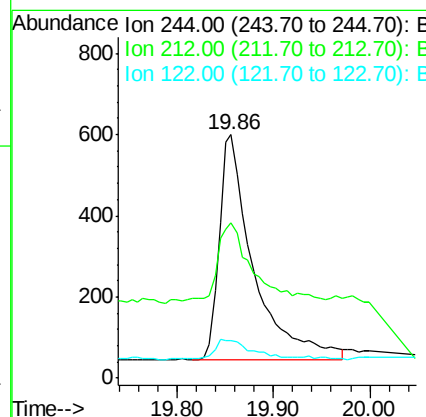
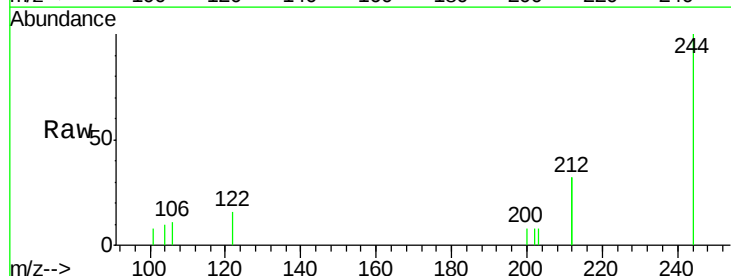
Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190308DL

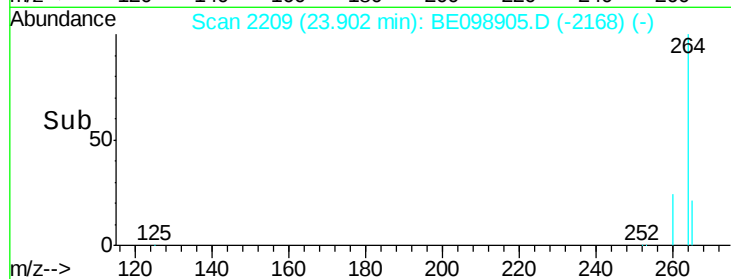
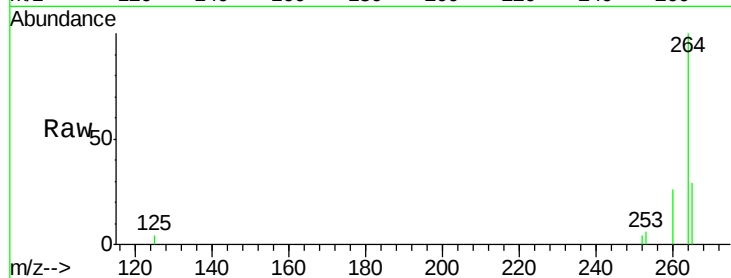
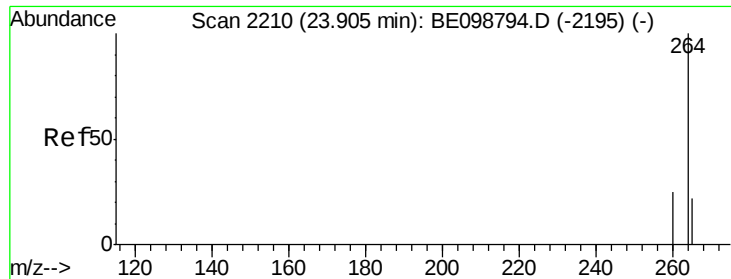
Tgt Ion:240 Resp: 6057
 Ion Ratio Lower Upper
 240 100
 120 9.2 5.0 7.4#
 236 27.1 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.094 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BE098905.D
 Acq: 12 Mar 2019 19:34

Tgt Ion:244 Resp: 1377
 Ion Ratio Lower Upper
 244 100
 212 63.7 29.4 44.2#
 122 15.7 7.1 10.7#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098905.D

Acq: 12 Mar 2019 19:34

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190308DL

Tgt Ion:264 Resp: 5904

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

265 29.3 24.6 36.8

