

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098875.D
 Acq On : 12 Mar 2019 00:26
 Operator : JU/SJ
 Sample : K1839-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190307

Quant Time: Mar 12 07:35:48 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

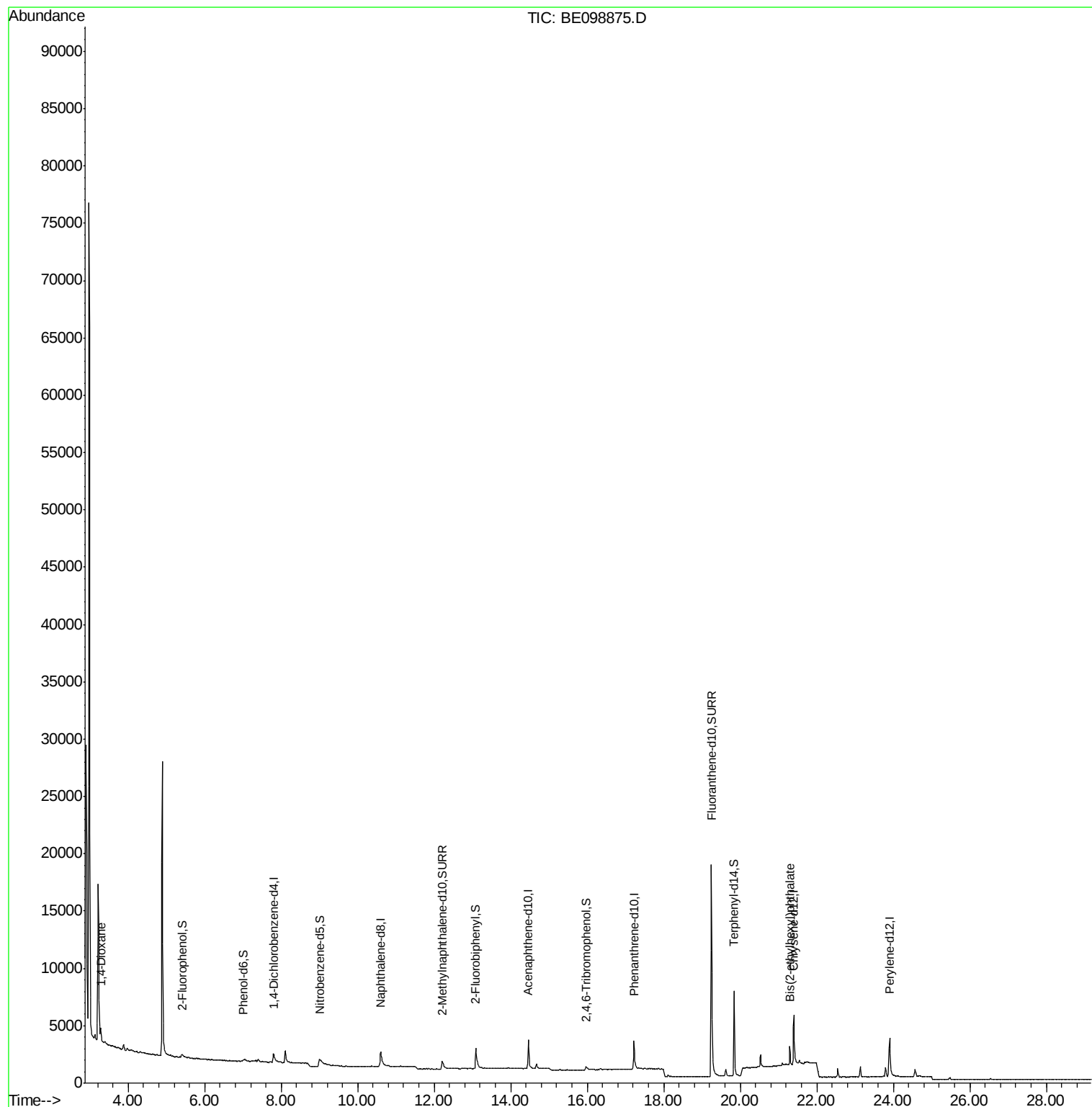
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	683	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2781	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2060	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5084	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6384	0.40	ng	0.00
34) Perylene-d12	23.90	264	6358	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	321	0.16	ng	0.02
5) Phenol-d6	7.02	99	166	0.06	ng	0.03
8) Nitrobenzene-d5	9.00	82	856	0.29	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2126	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	335	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3393	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	32251	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	7679	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	642	0.506	ng	Qvalue # 68
32) Bis(2-ethylhexyl)phthalate	21.29	149	2032	0.048	ng	98

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

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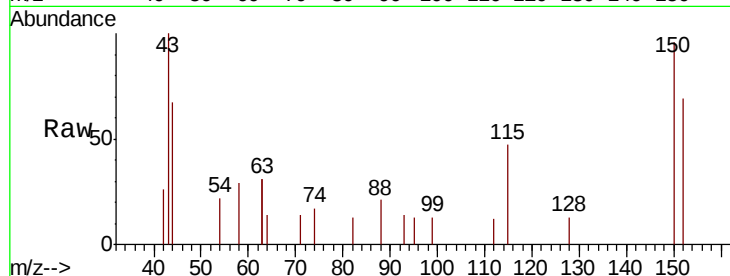


#1

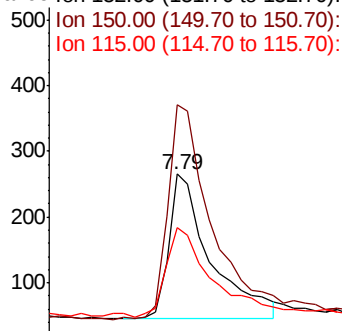
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098875.D
Acq: 12 Mar 2019 00:26

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190307

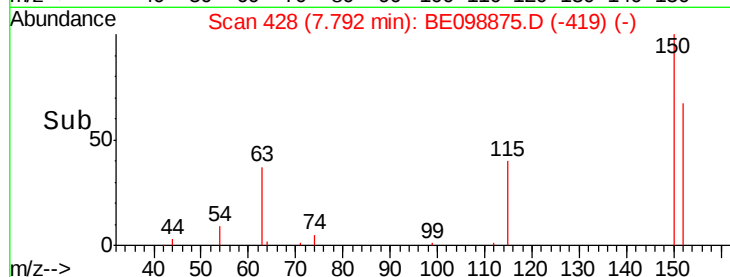
Tot Ion:152 Resp: 683
Ion Ratio Lower Upper
152 100
150 140.0 122.5 183.7
115 69.1 57.4 86.2



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



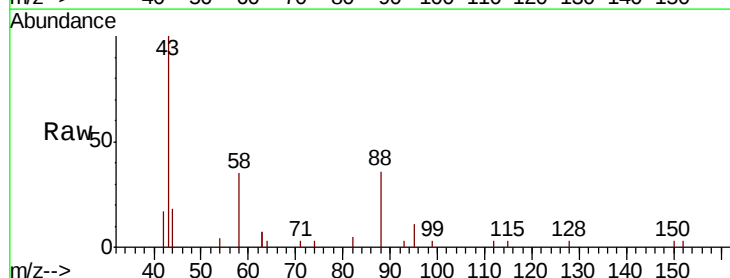
Time-->



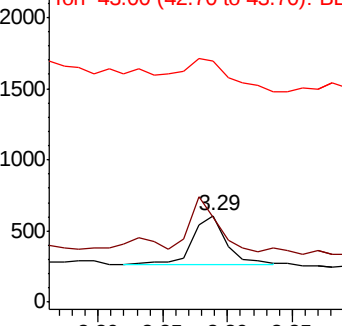
#2

1,4-Dioxane
Concen: 0.506 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098875.D
Acq: 12 Mar 2019 00:26

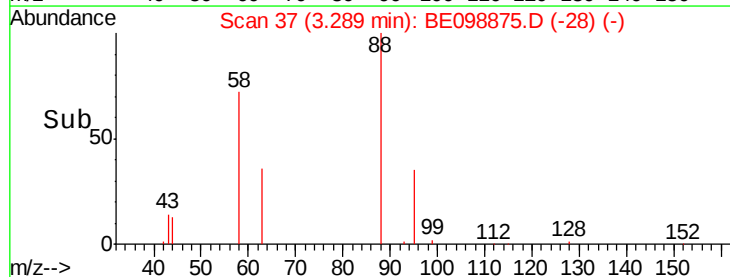
Tgt Ion: 88 Resp: 642
Ion Ratio Lower Upper
88 100
58 83.8 75.8 113.6
43 101.7 41.8 62.8#



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-->





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

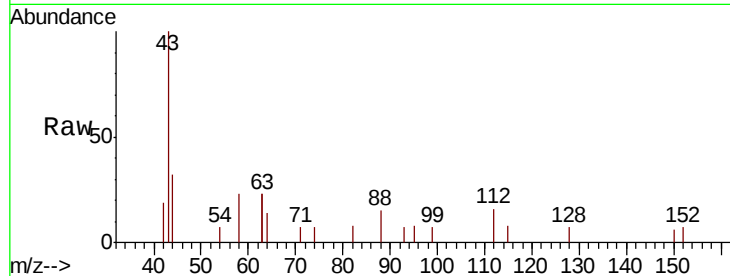
Tot Ion:112 Resp: 321

Ion Ratio Lower Upper

112 100

64 61.7 57.9 86.9

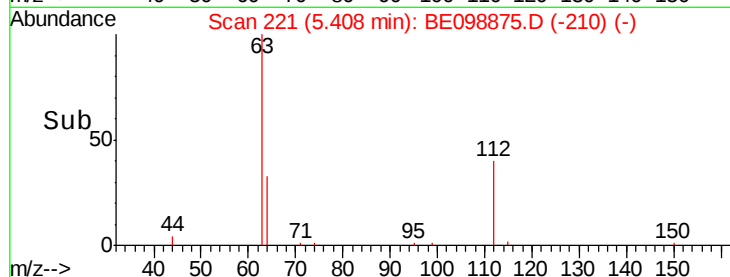
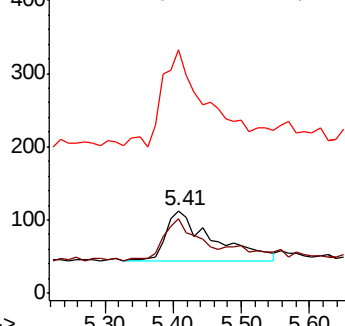
63 183.8 158.3 237.5



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

Phenol-d6

Concen: 0.058 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.03 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

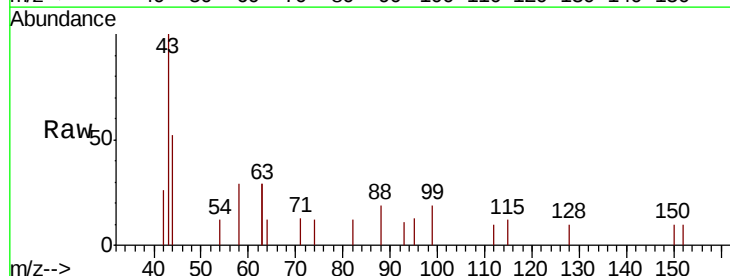
Tgt Ion: 99 Resp: 166

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

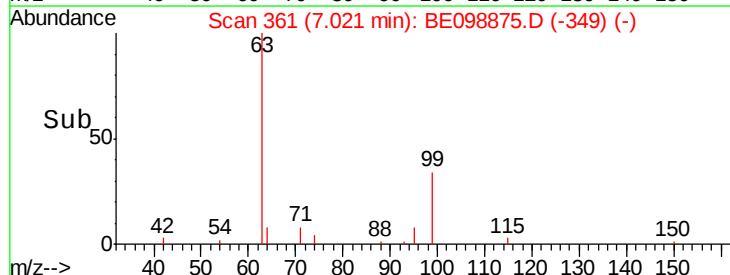
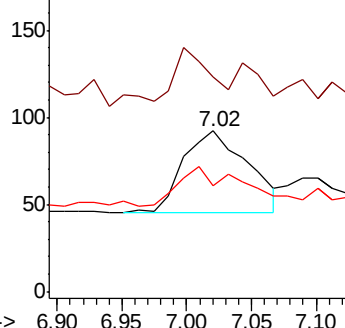
71 48.8 35.7 53.5

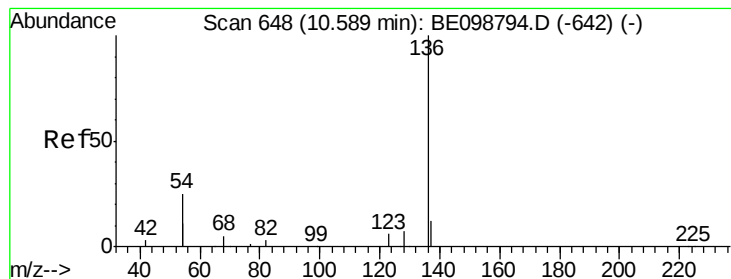


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

Tot Ion:136 Resp: 2781

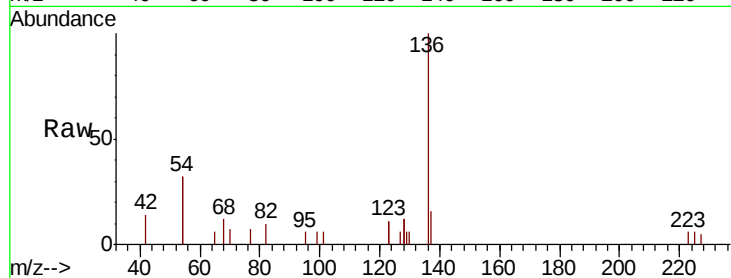
Ion Ratio Lower Upper

136 100

137 16.3 11.4 17.0

54 63.8 39.3 58.9#

68 12.1 6.7 10.1#

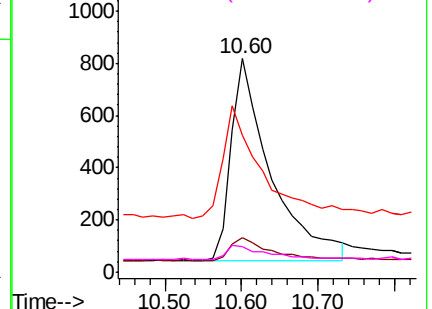
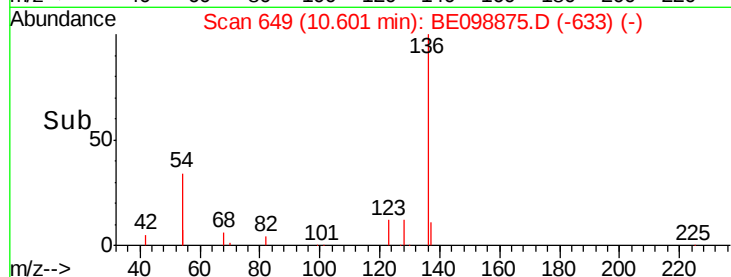


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.294 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

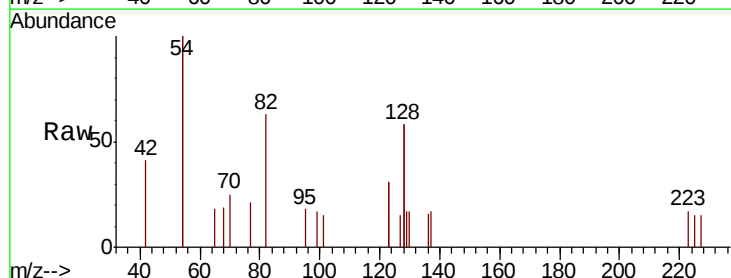
Tgt Ion: 82 Resp: 856

Ion Ratio Lower Upper

82 100

128 186.5 123.8 185.8#

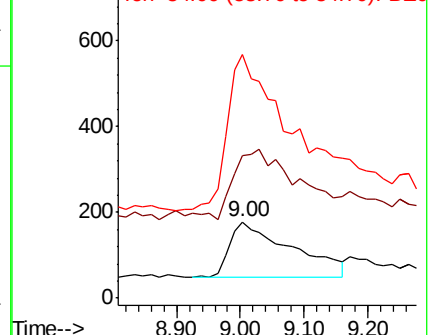
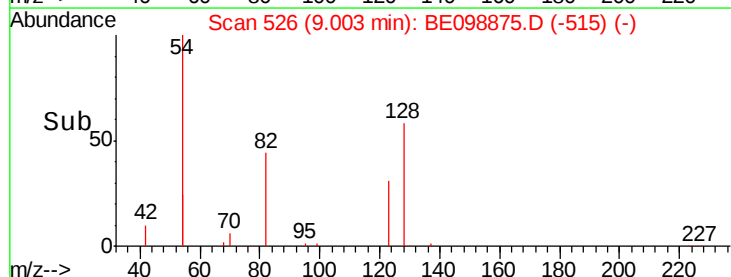
54 319.1 203.4 305.2#



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

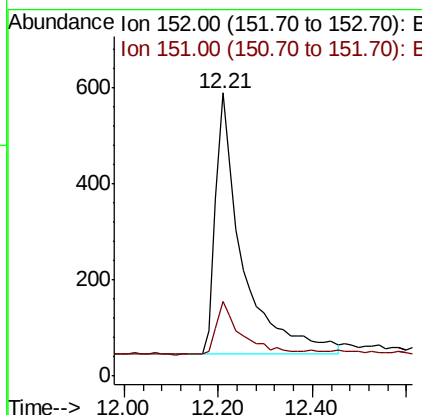
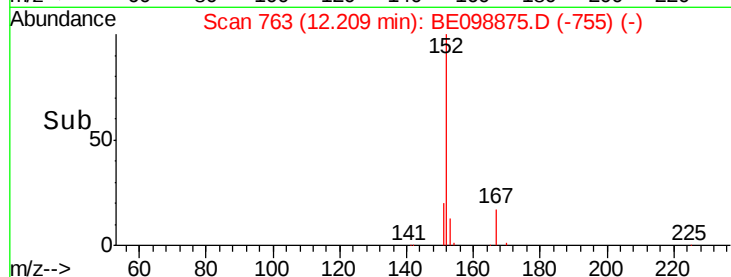
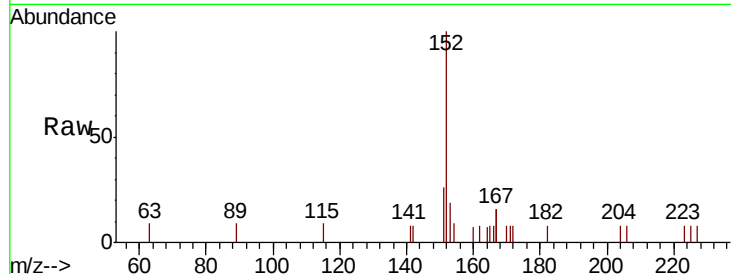




#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098875.D
Acq: 12 Mar 2019 00:26

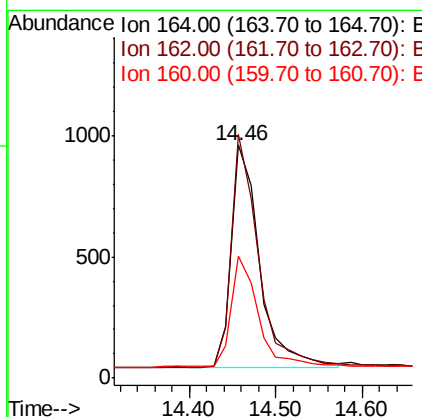
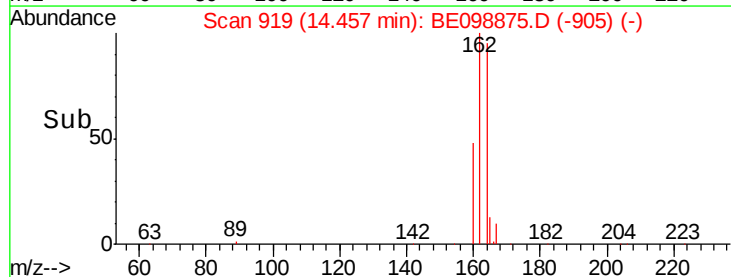
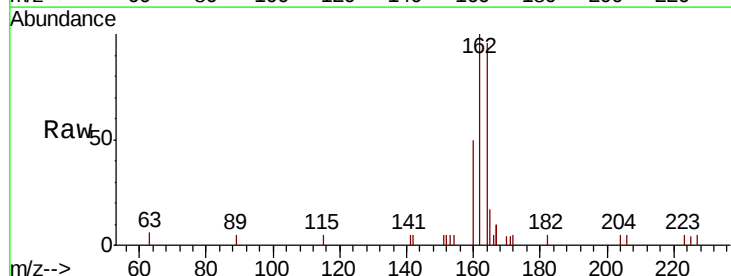
Instrument :
BNA_E
ClientSampleId :
RE104D2-20190307

Tot Ion:152 Resp: 2126
Ion Ratio Lower Upper
152 100
151 18.2 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: BE098875.D
Acq: 12 Mar 2019 00:26

Tgt Ion:164 Resp: 2060
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 52.4 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.322 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

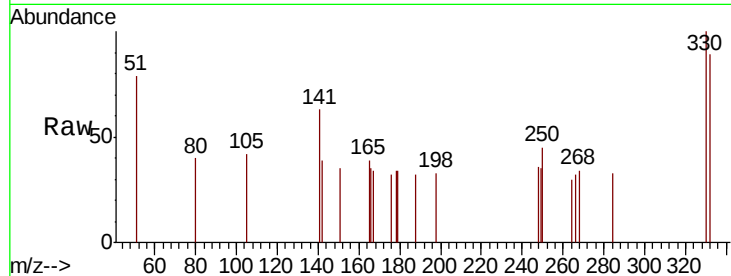
Tot Ion:330 Resp: 335

Ion Ratio Lower Upper

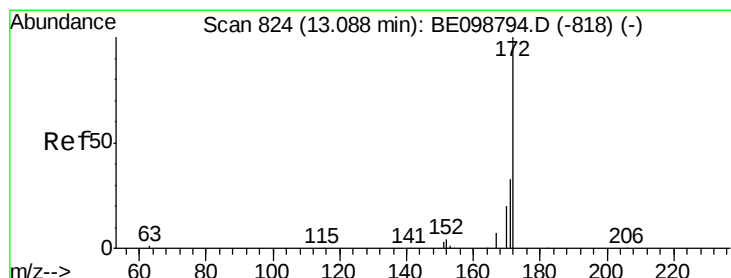
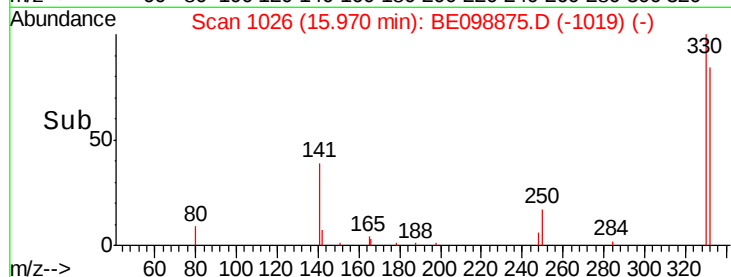
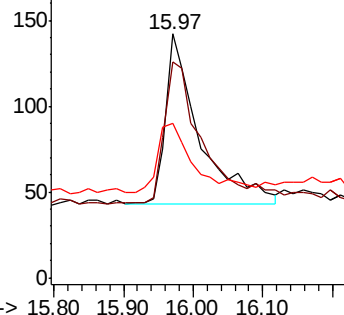
330 100

332 94.0 77.6 116.4

141 43.3 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: 0.398 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

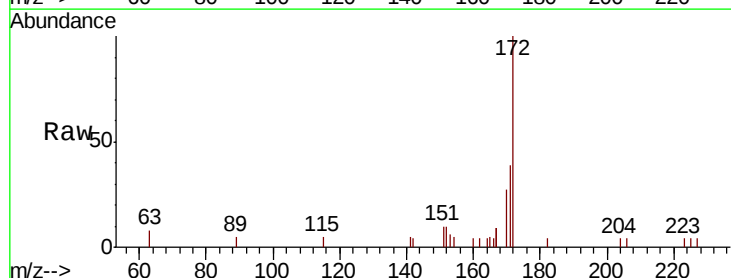
Tgt Ion:172 Resp: 3393

Ion Ratio Lower Upper

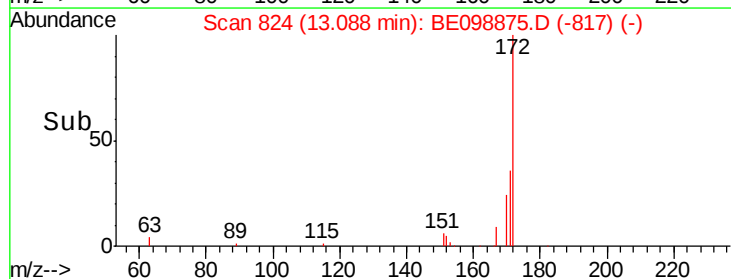
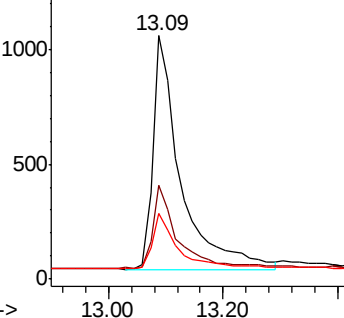
172 100

171 38.7 28.0 42.0

170 26.9 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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190307

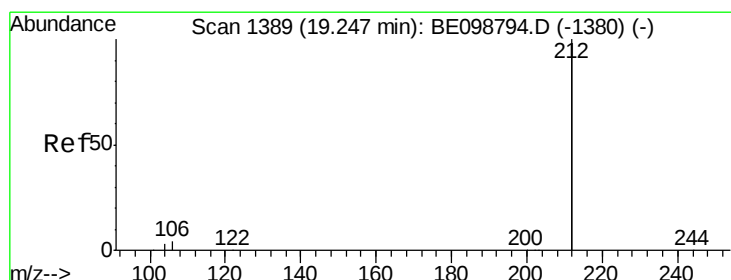
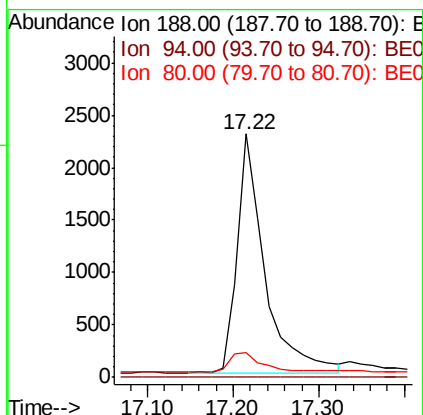
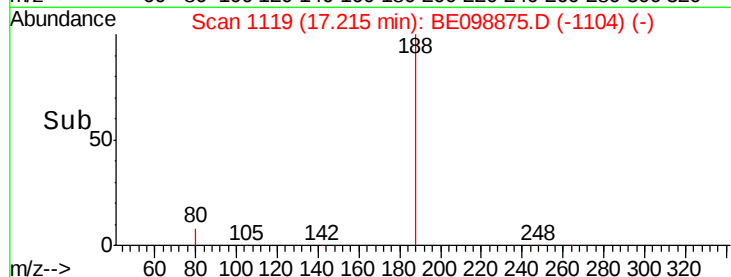
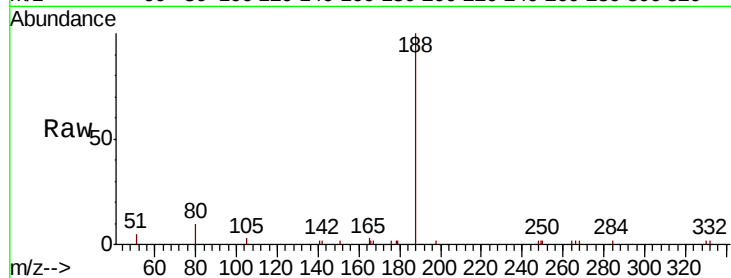
Tot Ion:188 Resp: 5084

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 6.3 9.5#



#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098875.D

Acq: 12 Mar 2019 00:26

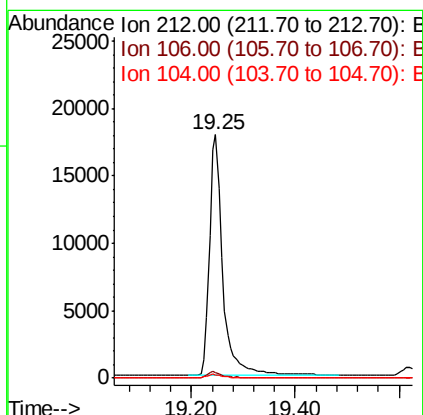
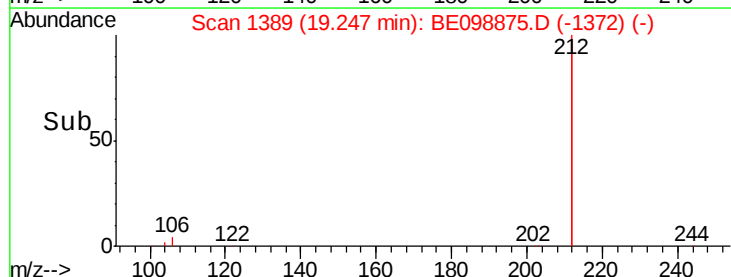
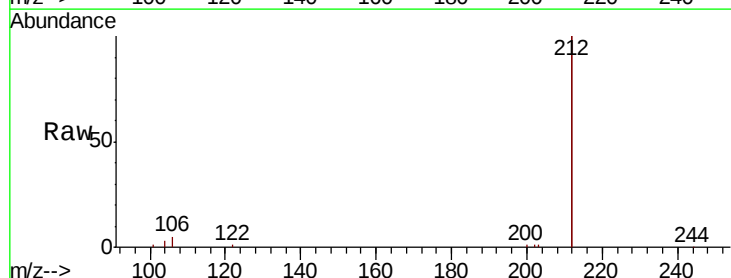
Tgt Ion:212 Resp: 32251

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

104 1.3 1.0 1.6

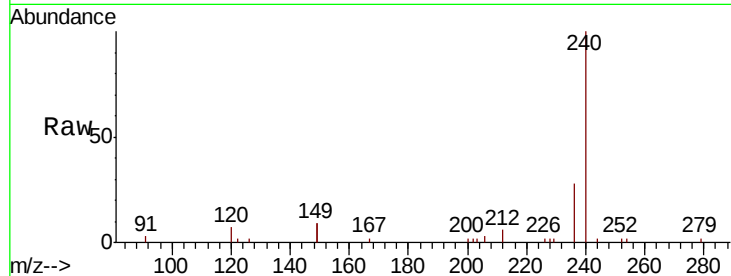




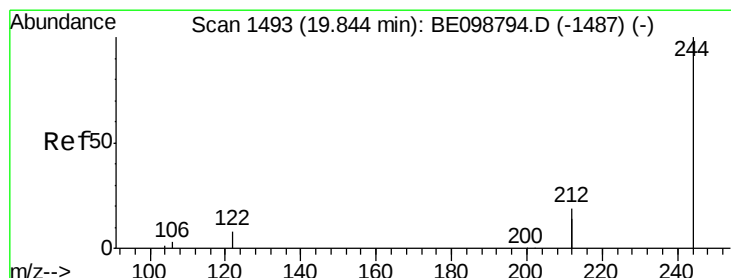
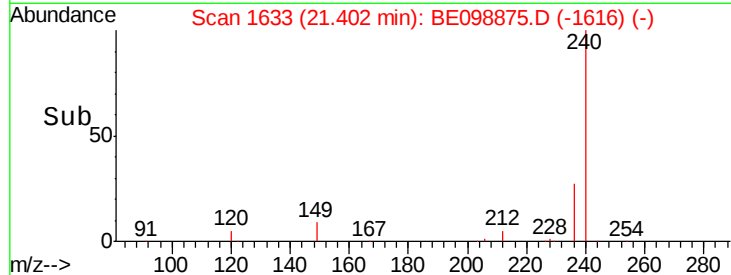
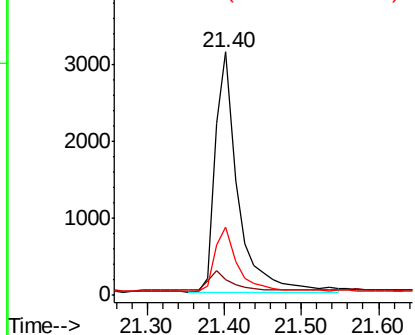
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098875.D
 Acq: 12 Mar 2019 00:26

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190307

Tot Ion:240 Resp: 6384
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.0 7.4
 236 28.1 22.7 34.1

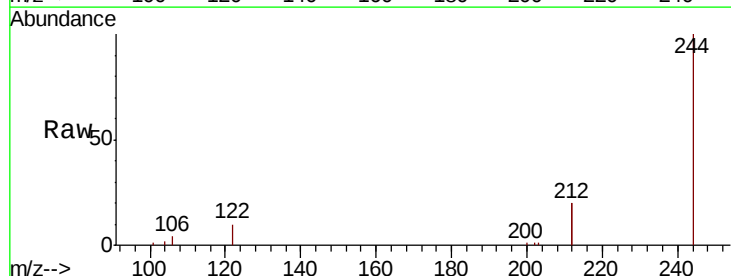


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

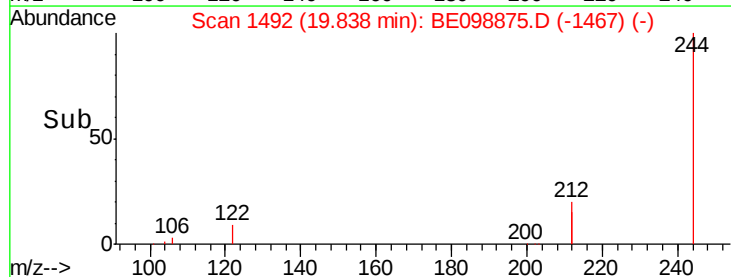
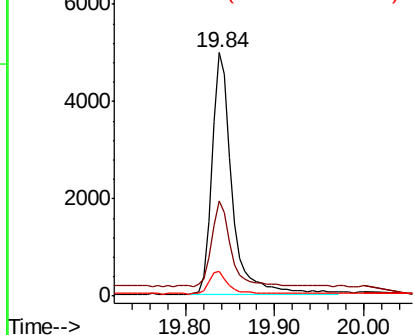


#29
 Terphenyl-d14
 Concen: 0.495 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098875.D
 Acq: 12 Mar 2019 00:26

Tgt Ion:244 Resp: 7679
 Ion Ratio Lower Upper
 244 100
 212 39.2 29.4 44.2
 122 10.0 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

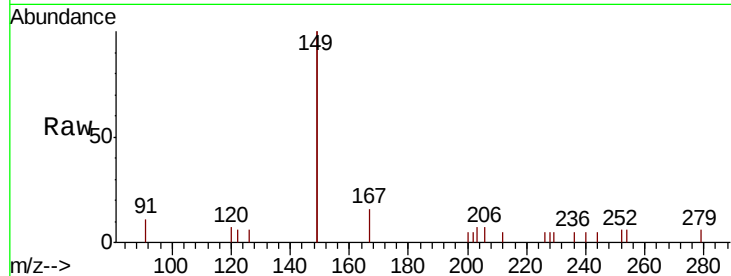




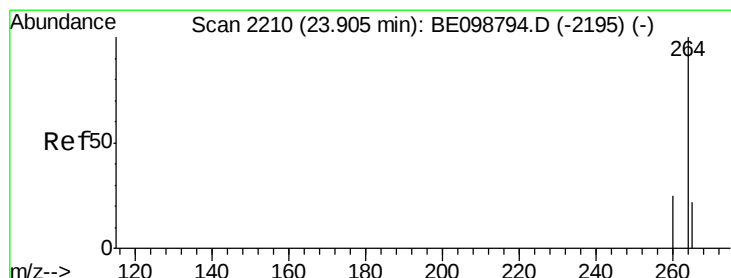
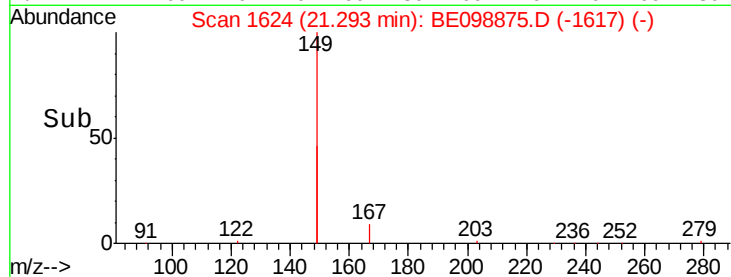
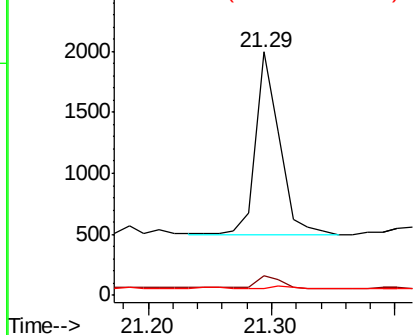
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.048 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098875.D
 Acq: 12 Mar 2019 00:26

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190307

Tot Ion:149 Resp: 2032
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.4 8.0
 279 1.3 1.0 1.4

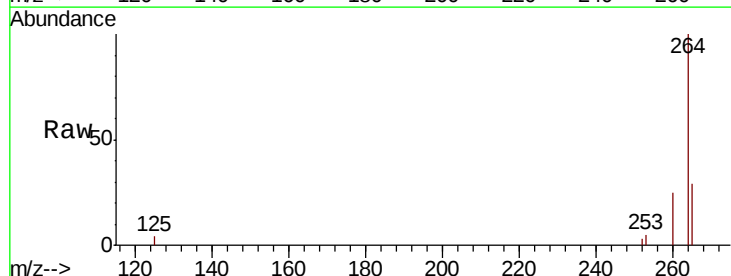


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098875.D
 Acq: 12 Mar 2019 00:26

Tgt Ion:264 Resp: 6358
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.2 31.8
 265 28.8 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

