

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098633.D
 Acq On : 15 Jan 2019 18:24
 Operator : SJ/JU
 Sample : K1029-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B1 123118

Quant Time: Jan 16 00:43:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

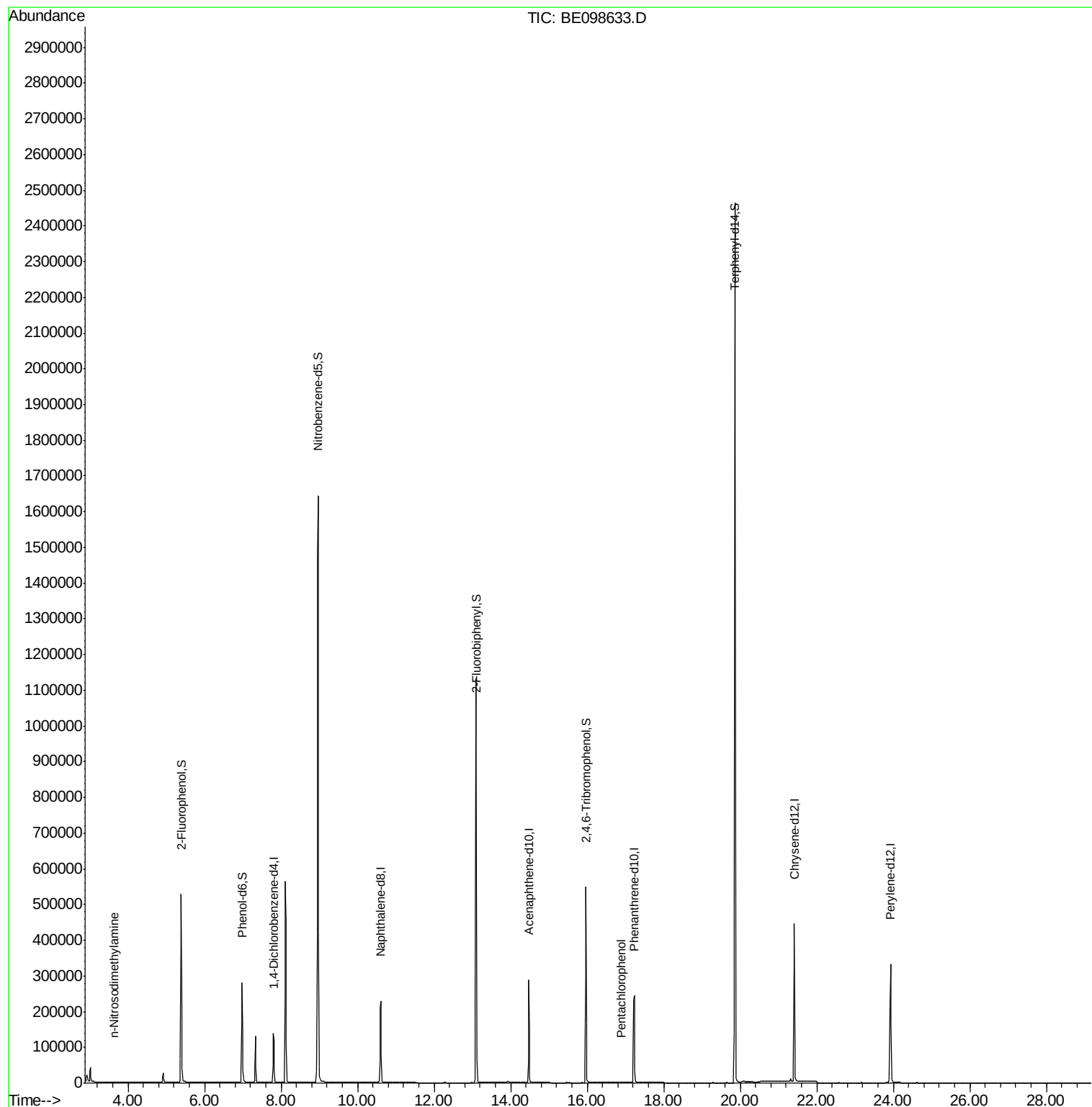
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	66015	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	265151	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	169946	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	404889	0.40	ng	0.00
27) Chrysene-d12	21.41	240	467430	0.40	ng	0.00
34) Perylene-d12	23.93	264	470687	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	223367	1.27	ng	0.00
5) Phenol-d6	6.98	99	205590	0.82	ng	-0.02
8) Nitrobenzene-d5	8.96	82	600029	2.85	ng	0.00
11) 2-Methylnaphthalene-d10	12.34	152	14	0.00	ng	0.13
14) 2,4,6-Tribromophenol	15.97	330	295755	4.00	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	1172702	1.68	ng	0.01
25) Fluoranthene-d10	19.25	212	33	0.00	ng	0.00
29) Terphenyl-d14	19.86	244	2044173	1.98	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	82	Below Cal	Qvalue #	67
3) n-Nitrosodimethylamine	3.63	42	61	0.128 ng	#	13
22) Pentachlorophenol	16.89	266	120	0.205 ng		94

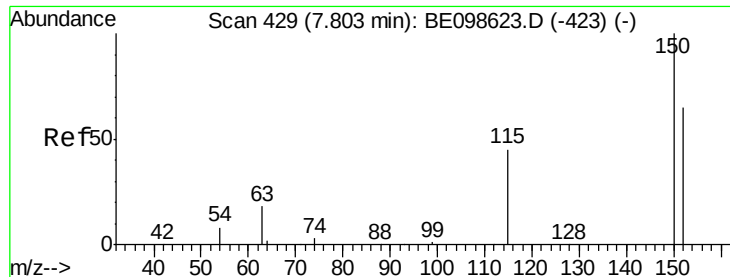
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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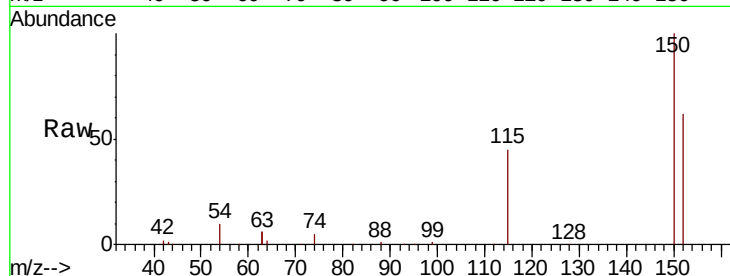


#1

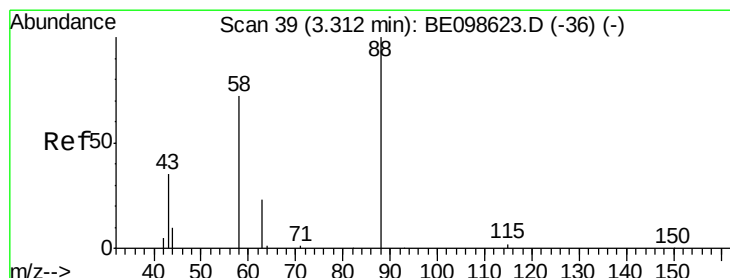
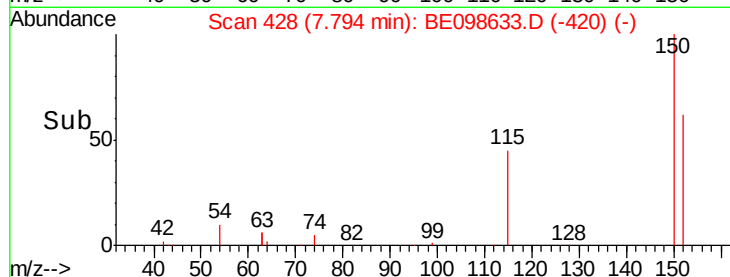
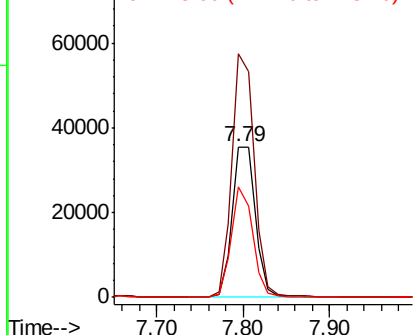
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Instrument :
BNA_E
ClientSampleId :
B1_123118

Tgt Ion: 152 Resp: 66015
Ion Ratio Lower Upper
152 100
150 161.8 121.4 182.2
115 73.1 59.1 88.7



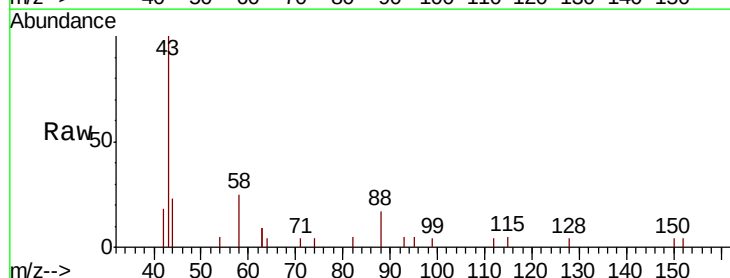
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



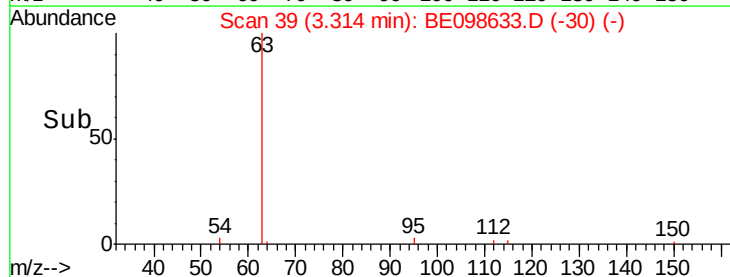
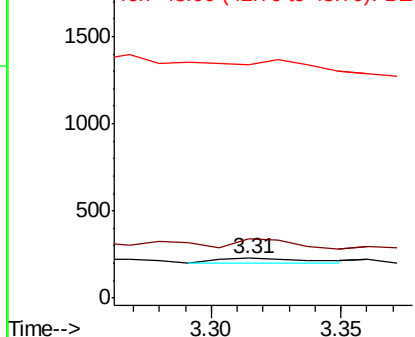
#2

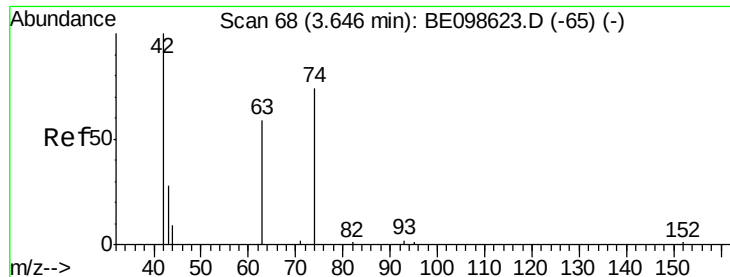
1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
58 100.0 73.9 110.9
43 0.0 43.7 65.5#



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: 0.128 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

ClientSampleId :

B1_123118

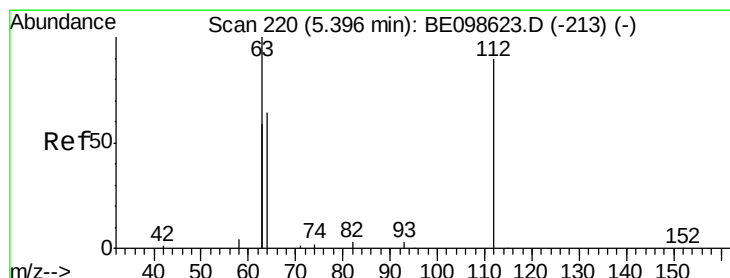
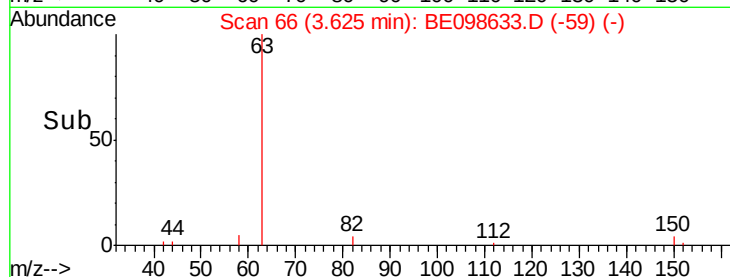
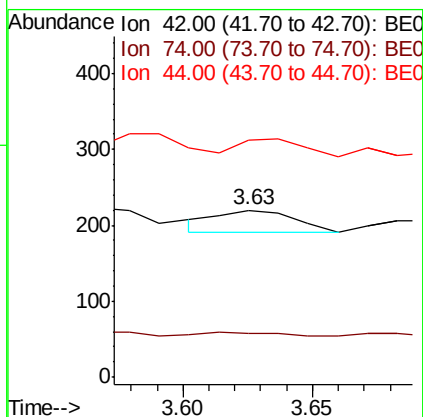
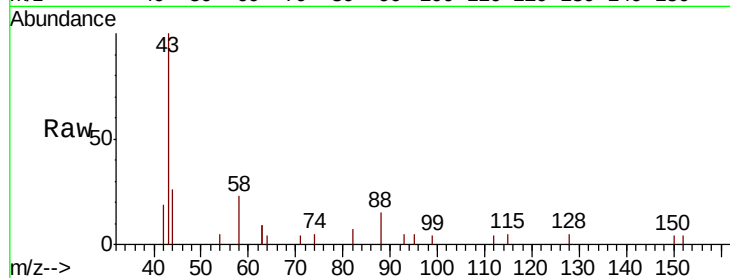
Tgt Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

44 67.2 0.0 0.0#



#4

2-Fluorophenol

Concen: 1.269 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

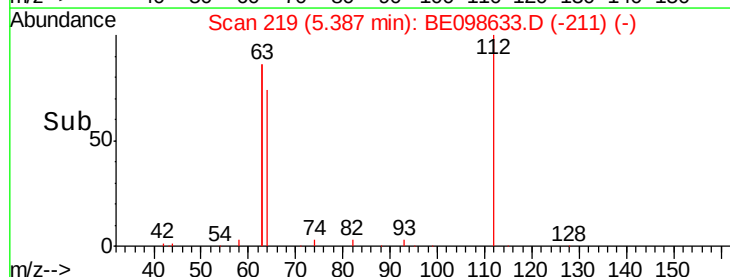
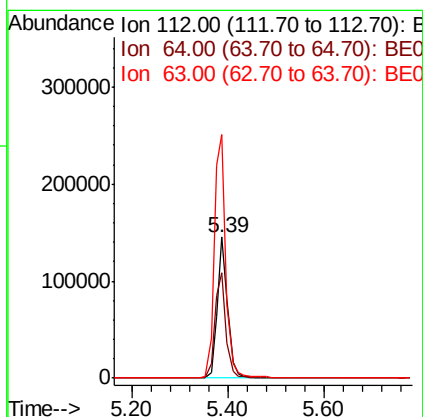
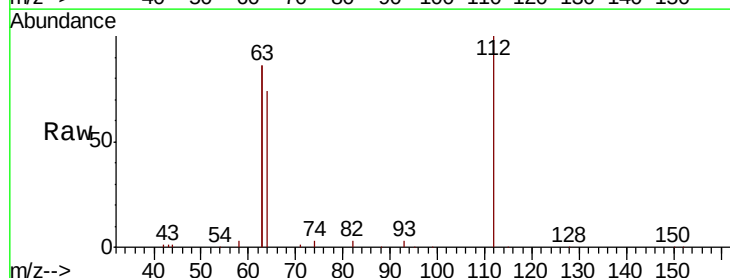
Tgt Ion: 112 Resp: 223367

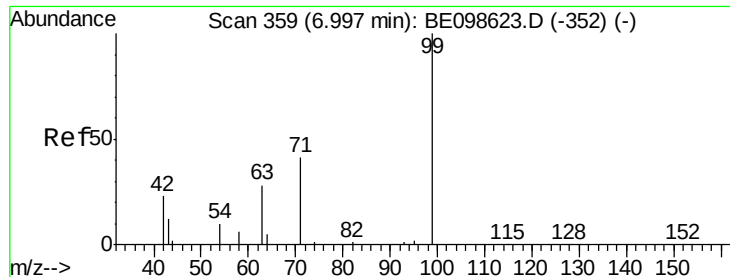
Ion Ratio Lower Upper

112 100

64 79.9 62.9 94.3

63 191.9 152.2 228.4





#5

Phenol-d6

Concen: 0.820 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

ClientSampleId :

B1_123118

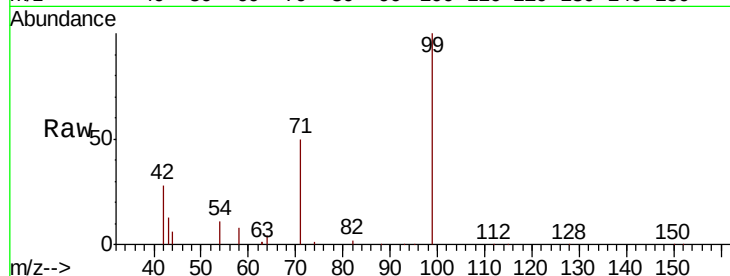
Tgt Ion: 99 Resp: 205590

Ion Ratio Lower Upper

99 100

42 32.5 24.6 37.0

71 49.2 35.1 52.7



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

6.98

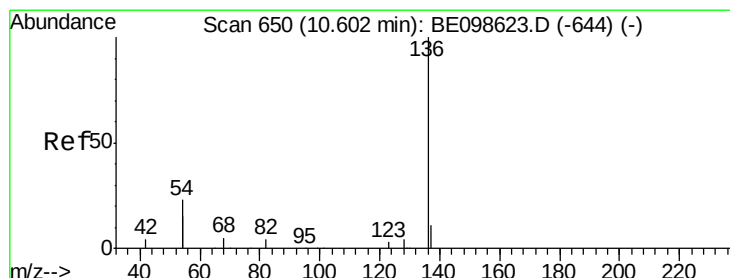
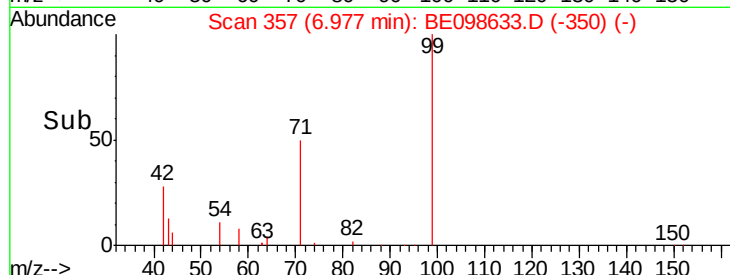
150000

100000

50000

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Tgt Ion: 136 Resp: 265151

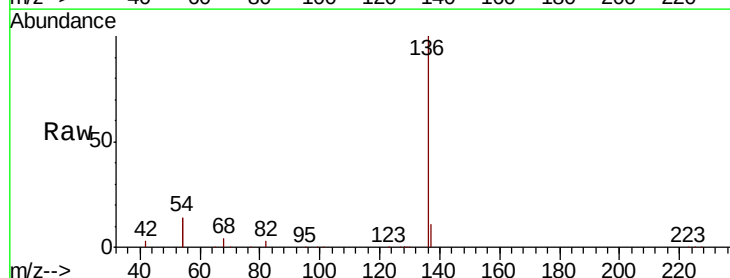
Ion Ratio Lower Upper

136 100

137 10.9 9.7 14.5

54 28.2 35.5 53.3#

68 3.9 5.0 7.6#



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

10.60

200000

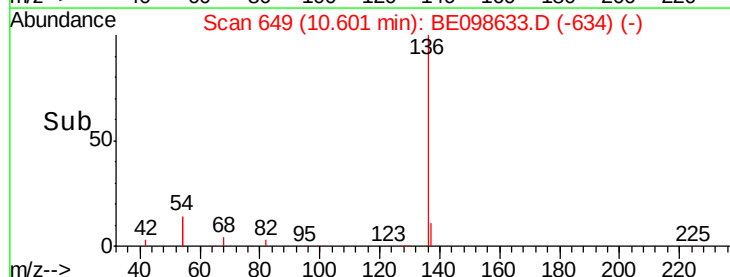
150000

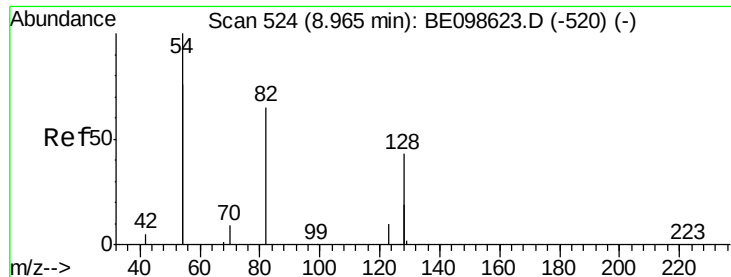
100000

50000

0

Time-->

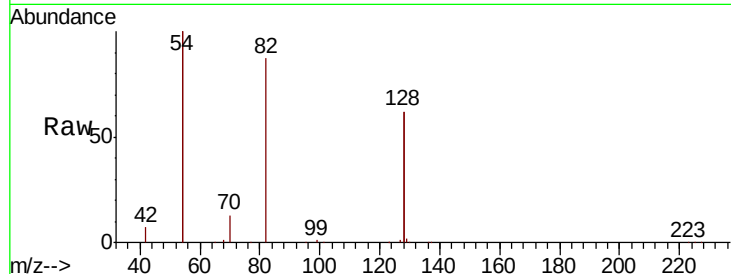




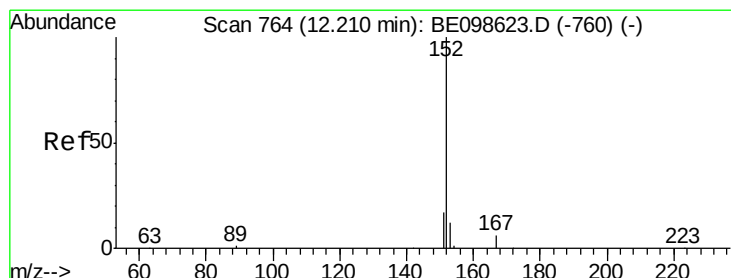
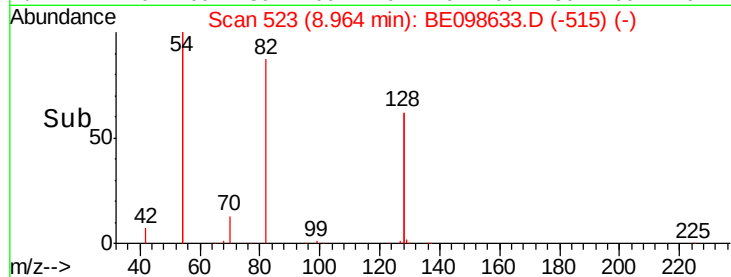
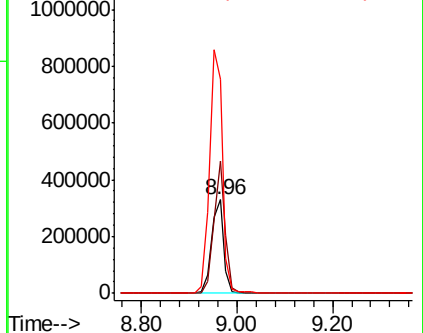
#8
 Nitrobenzene-d5
 Concen: 2.853 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

Instrument :
 BNA_E
 ClientSampleId :
 B1_123118

Tgt Ion: 82 Resp: 600029
 Ion Ratio Lower Upper
 82 100
 128 141.5 96.5 144.7
 54 229.2 224.7 337.1

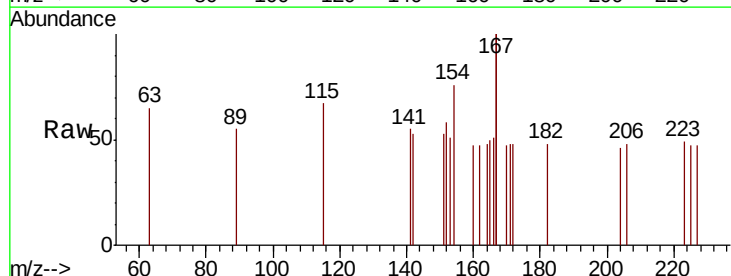


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

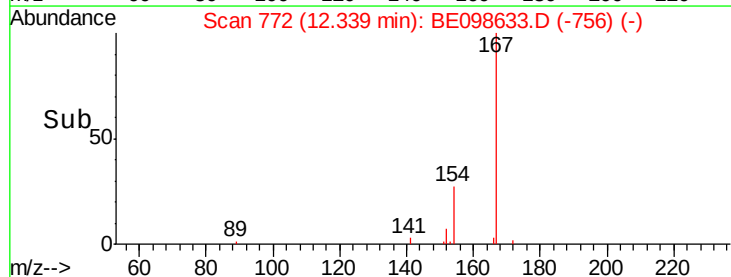
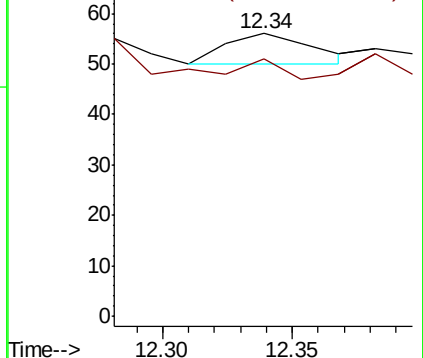


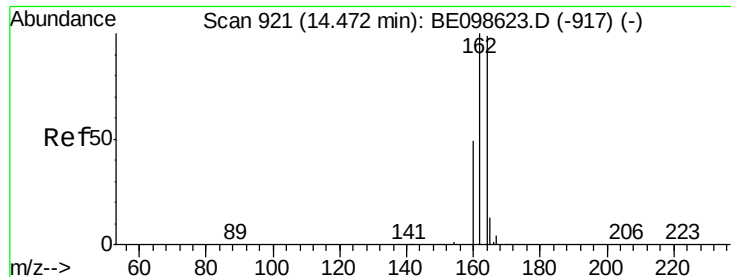
#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.13 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

Tgt Ion: 152 Resp: 14
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.2 24.4



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. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

ClientSampleId :

B1_123118

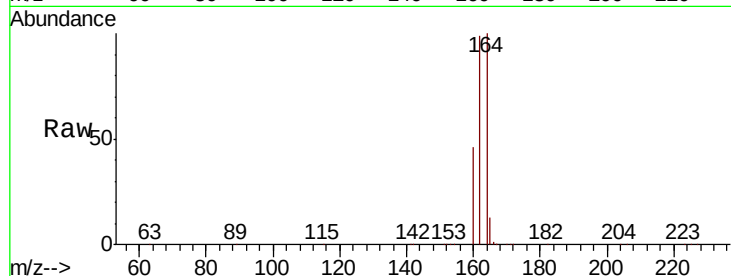
Tgt Ion:164 Resp: 169946

Ion Ratio Lower Upper

164 100

162 98.7 80.5 120.7

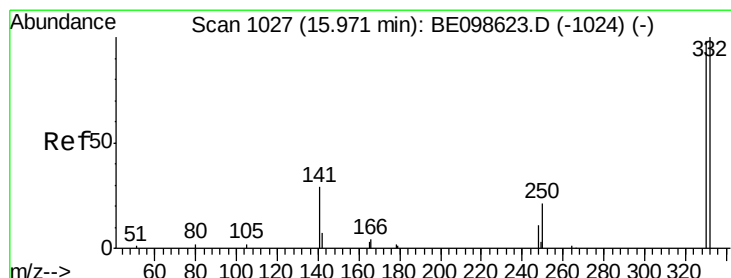
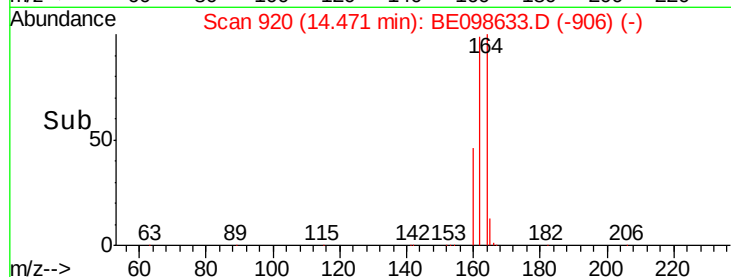
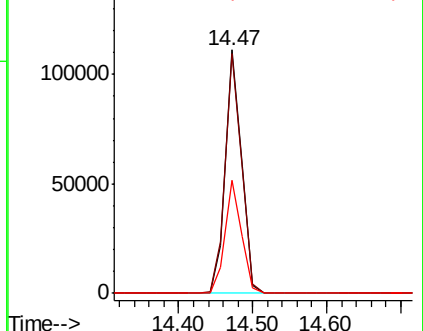
160 46.3 40.1 60.1



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: 4.000 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

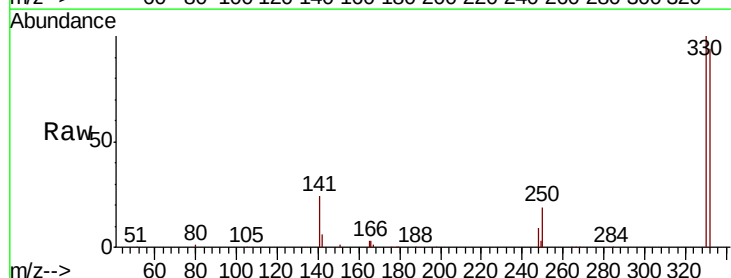
Tgt Ion:330 Resp: 295755

Ion Ratio Lower Upper

330 100

332 95.6 73.3 109.9

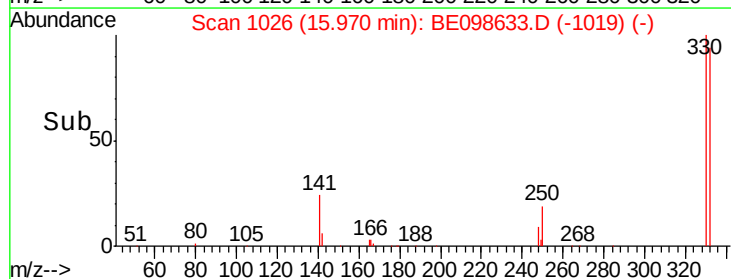
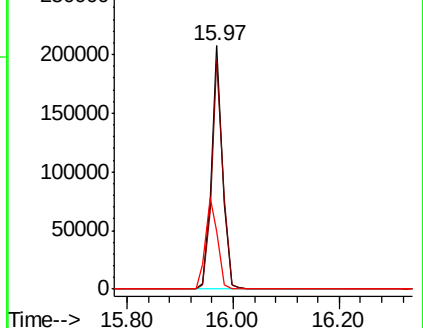
141 41.9 33.1 49.7

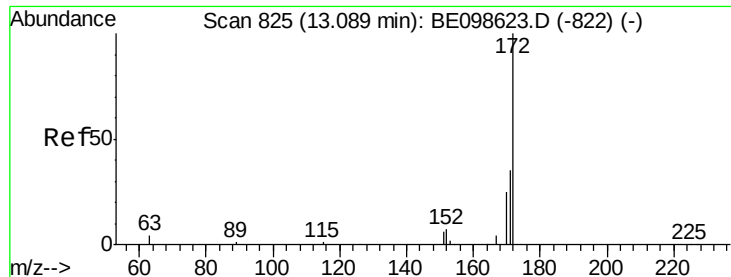


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

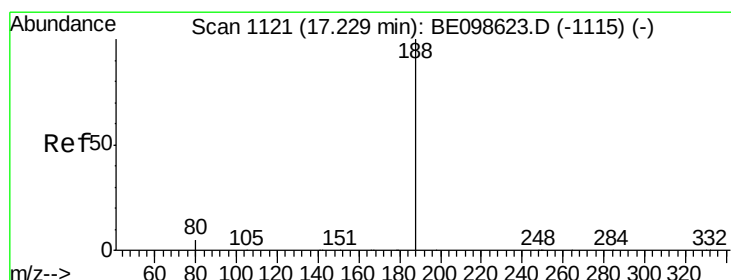
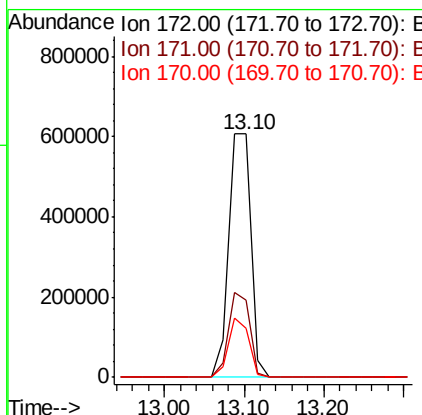
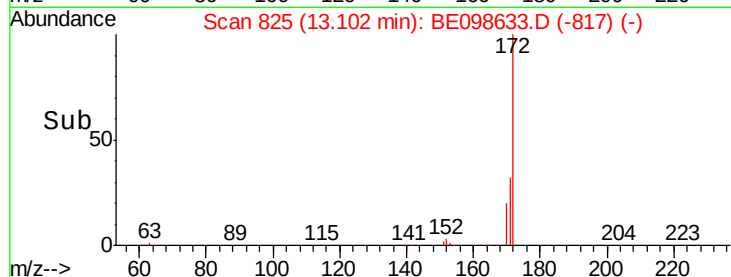
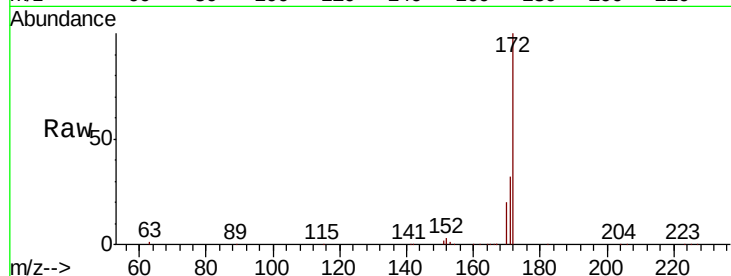




#15
 2-Fluorobiphenyl
 Concen: 1.685 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

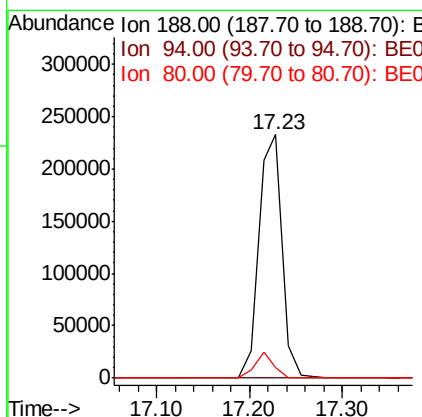
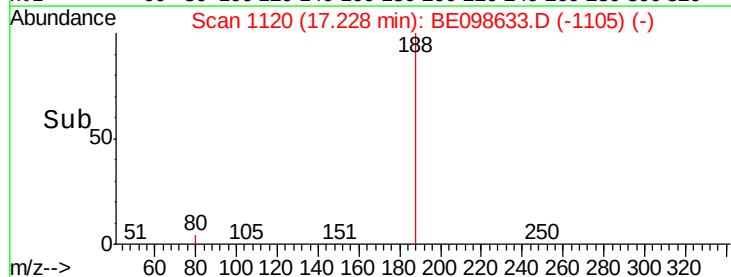
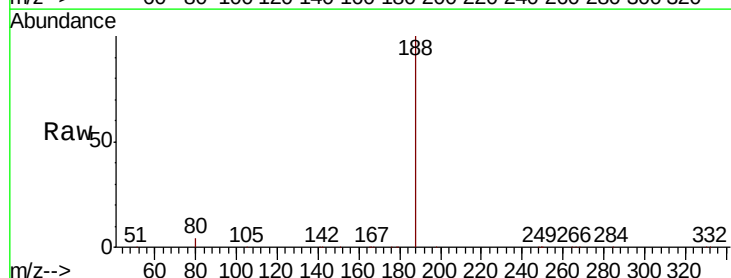
Instrument :
 BNA_E
 ClientSampleId :
 B1_123118

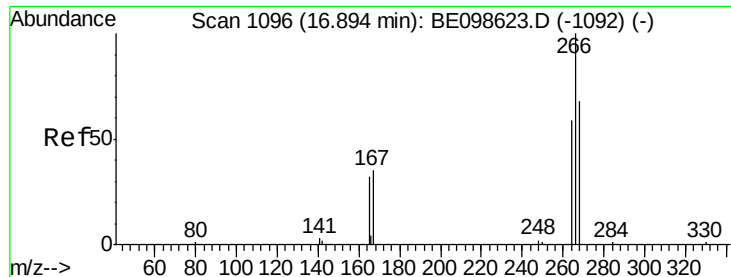
Tgt Ion:172 Resp: 1172702
 Ion Ratio Lower Upper
 172 100
 171 31.9 29.0 43.4
 170 20.3 20.8 31.2#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

Tgt Ion:188 Resp: 404889
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 4.5 4.7 7.1#





#22

Pentachlorophenol

Concen: 0.205 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

ClientSampleId :

B1_123118

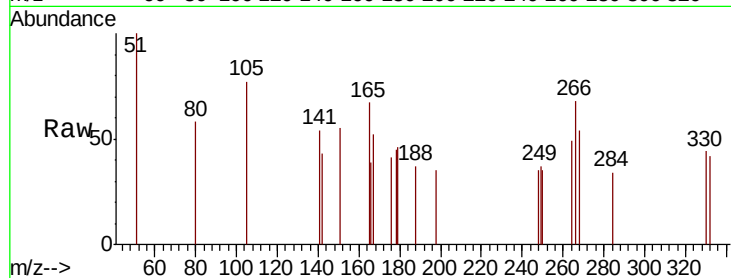
Tgt Ion: 266 Resp: 120

Ion Ratio Lower Upper

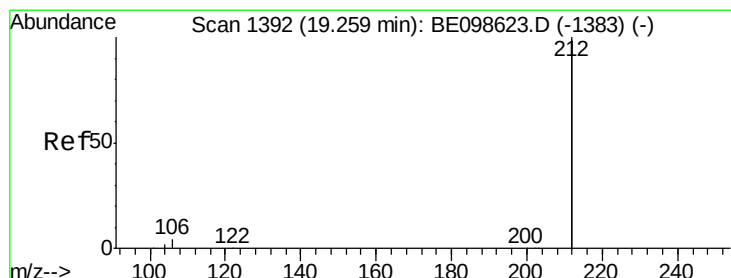
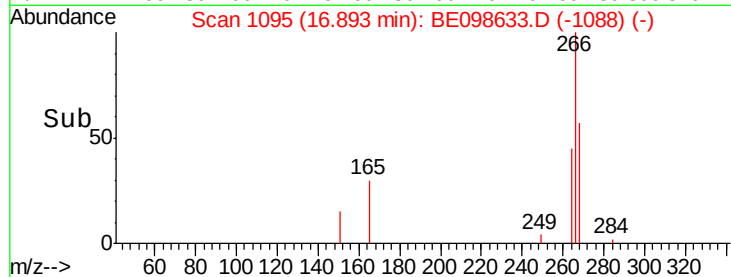
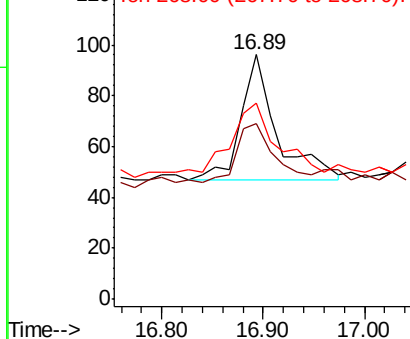
266 100

264 71.9 53.7 80.5

268 80.2 59.8 89.8



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: 0.000 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

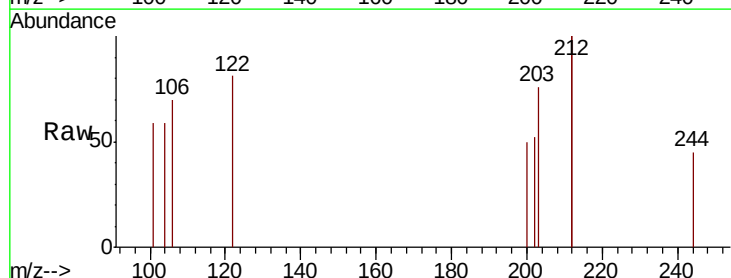
Tgt Ion: 212 Resp: 33

Ion Ratio Lower Upper

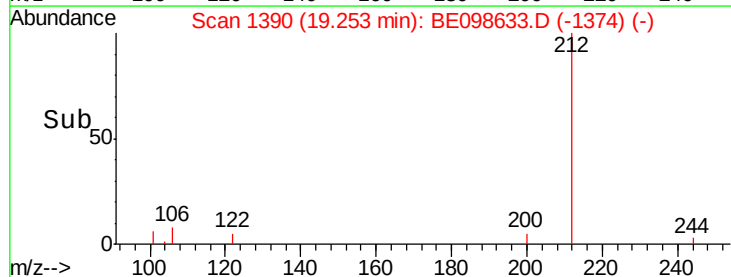
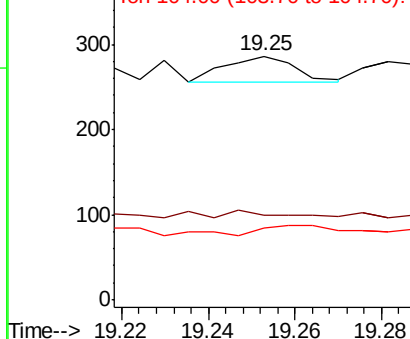
212 100

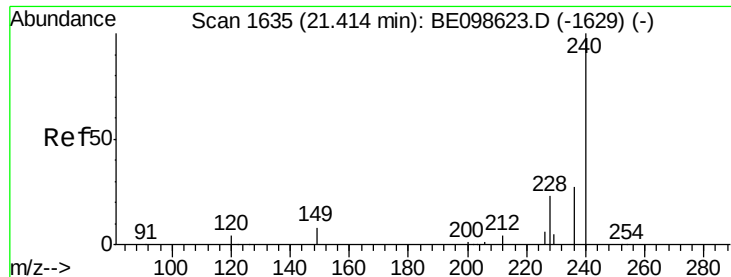
106 0.0 1.7 2.5#

104 48.5 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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

ClientSampleId :

B1_123118

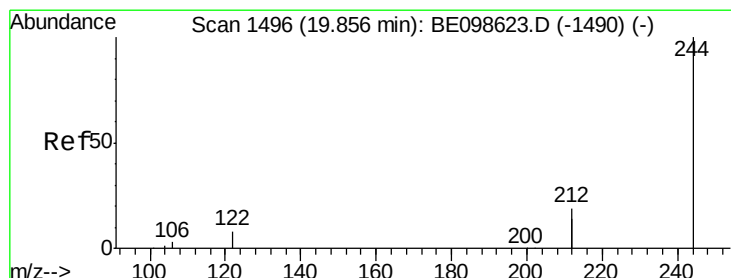
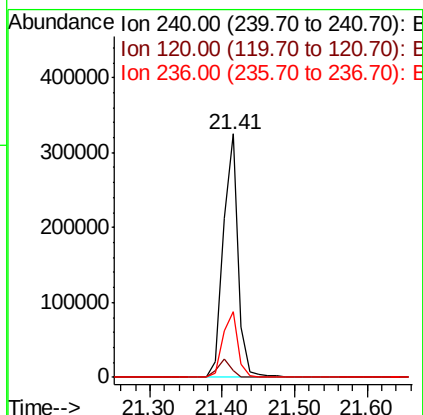
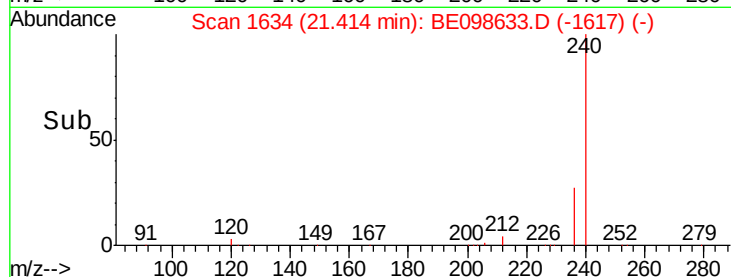
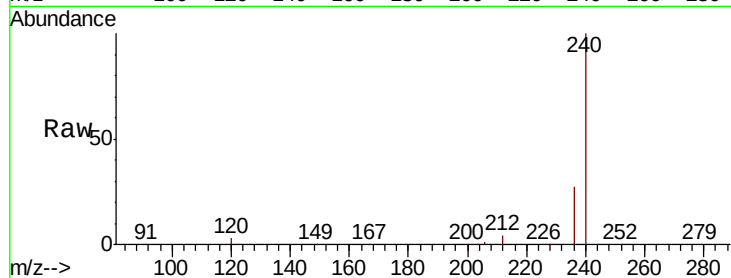
Tgt Ion:240 Resp: 467430

Ion Ratio Lower Upper

240 100

120 3.0 4.7 7.1#

236 27.0 21.9 32.9



#29

Terphenyl-d14

Concen: 1.977 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

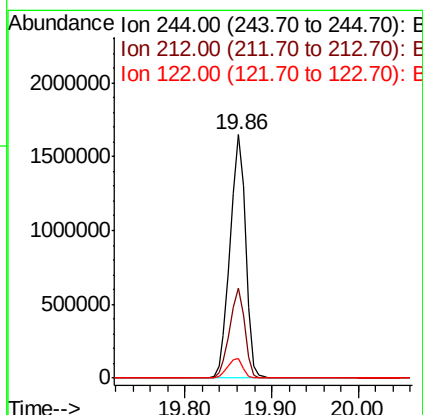
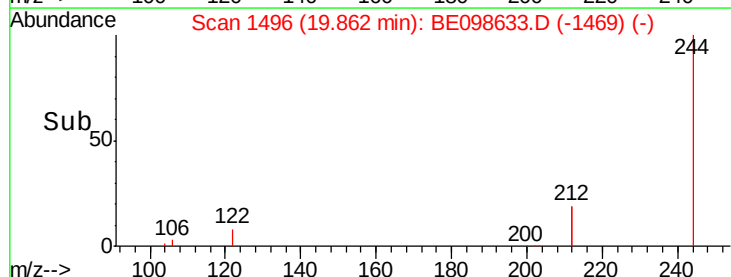
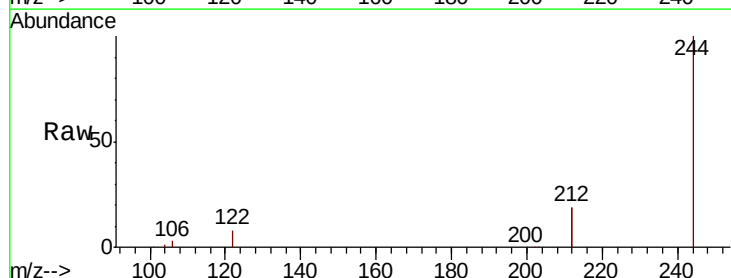
Tgt Ion:244 Resp: 2044173

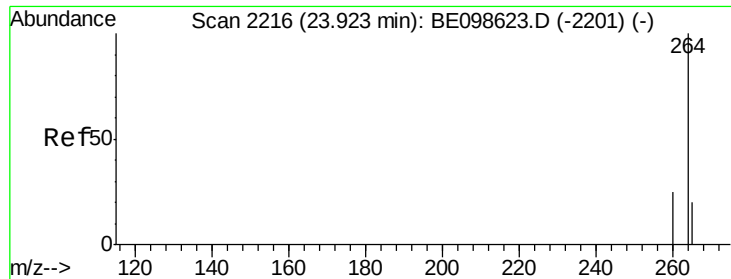
Ion Ratio Lower Upper

244 100

212 37.2 29.4 44.2

122 7.9 7.1 10.7





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

ClientSampleId :

B1_123118

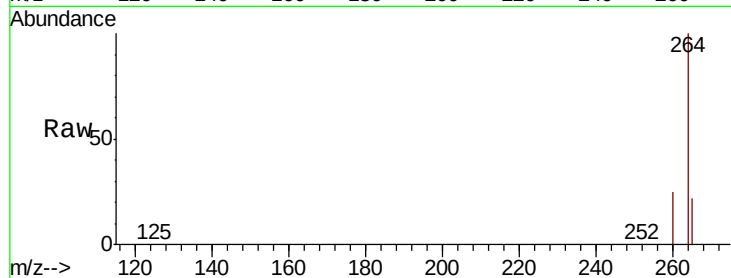
Tgt Ion:264 Resp: 470687

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 21.6 22.3 33.5#



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

