

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003739.D
 Acq On : 23 Dec 2015 09:56
 Operator : UM/SJ
 Sample : G4969-13DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G4969-13DL

Quant Time: Dec 23 10:36:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

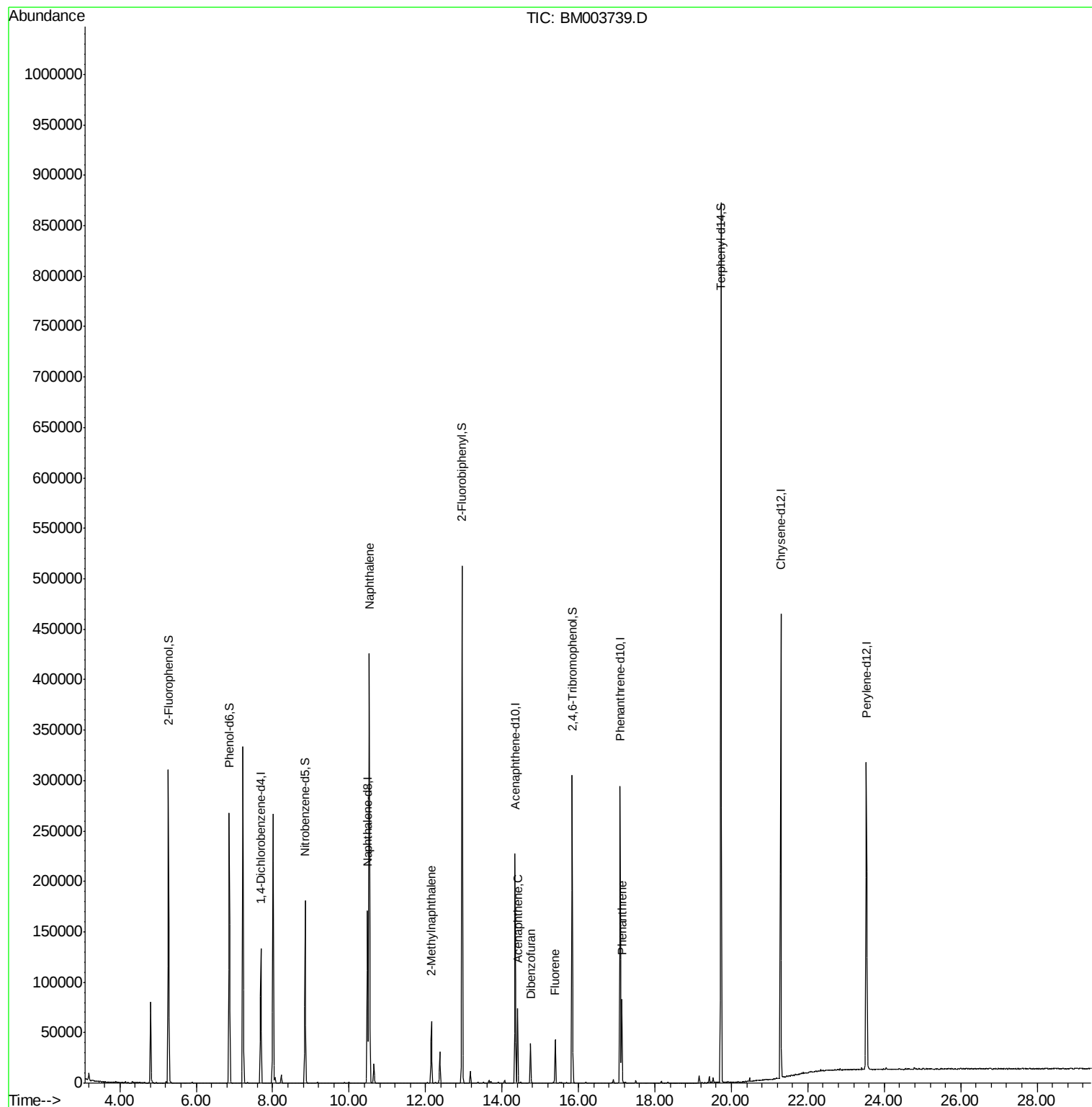
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	36941	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	147380	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	75847	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	171355	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	210313	20.00	ng	-0.03
86) Perylene-d12	23.53	264	214395	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	137446	66.15	ng	-0.03
7) Phenol-d6	6.86	99	162271	56.24	ng	-0.03
23) Nitrobenzene-d5	8.85	82	107705	45.31	ng	-0.04
41) 2,4,6-Tribromophenol	15.84	330	50848	67.13	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	262687	47.19	ng	-0.04
78) Terphenyl-d14	19.73	244	352346	39.51	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	367469	47.65	ng	100
37) 2-Methylnaphthalene	12.15	142	32583	6.16	ng	97
51) Acenaphthene	14.41	154	28854	6.05	ng	100
54) Dibenzofuran	14.74	168	27195	3.94	ng	95
57) Fluorene	15.40	166	21896	3.83	ng	94
70) Phenanthrene	17.13	178	50331	5.23	ng	100

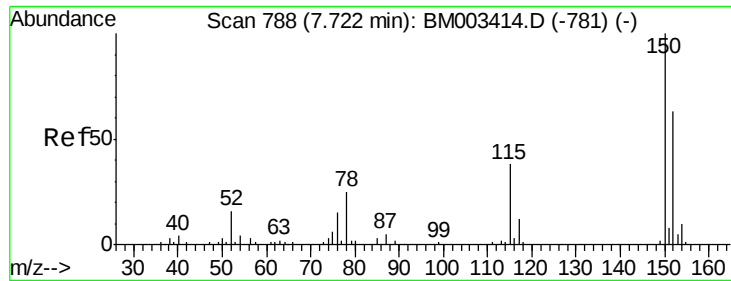
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

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G4969-13DL

Quant Time: Dec 23 10:36:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



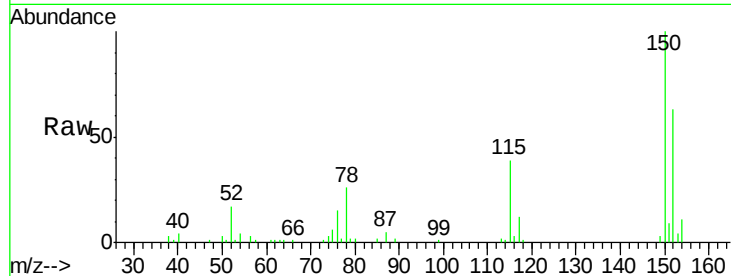


#1

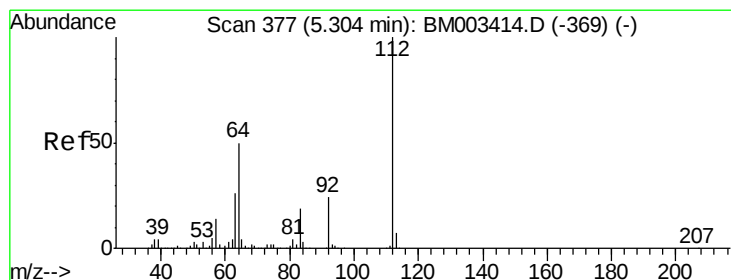
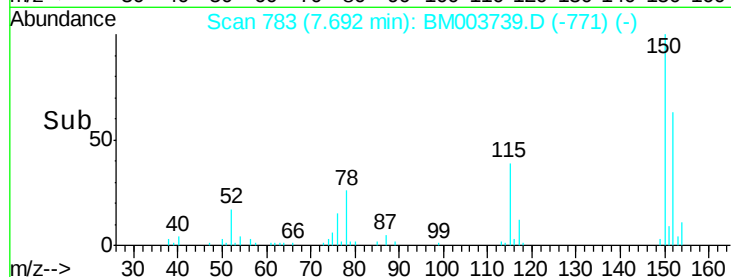
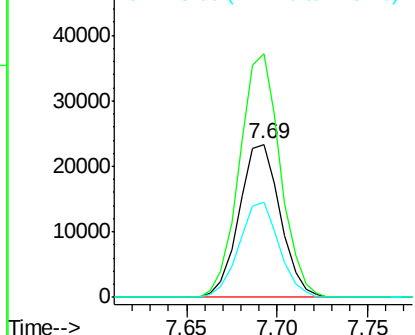
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

Instrument :
 BNA_M
 ClientSampleId :
 G4969-13DL

Tot Ion:152 Resp: 36941
 Ion Ratio Lower Upper
 152 100
 150 158.8 119.5 179.3
 115 61.8 43.0 64.4



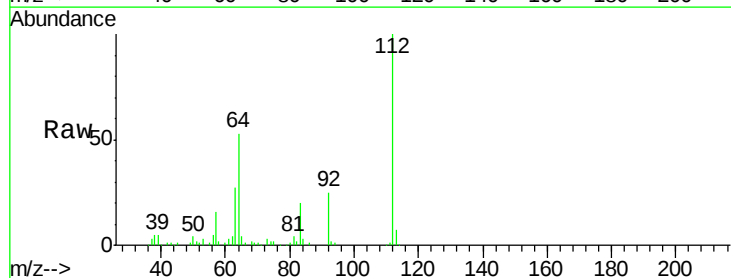
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



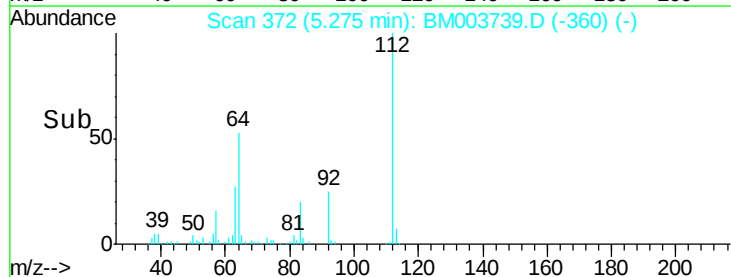
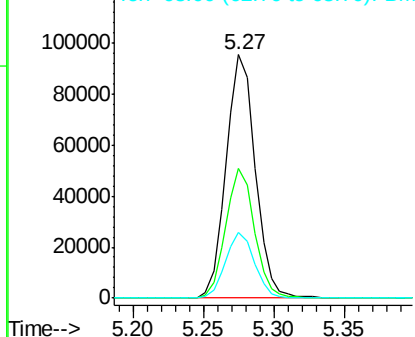
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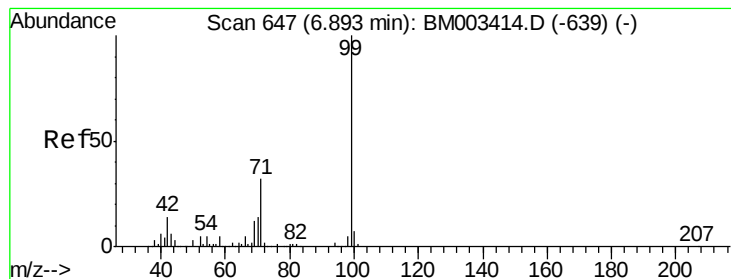
2-Fluorophenol
 Concen: 66.15 ng
 RT: 5.27 min Scan# 372
 Delta R.T. -0.03 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

Tgt Ion:112 Resp: 137446
 Ion Ratio Lower Upper
 112 100
 64 53.5 38.6 57.8
 63 27.0 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 56.24 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003739.D

Acq: 23 Dec 2015 09:56

Instrument :

BNA_M

ClientSampleId :

G4969-13DL

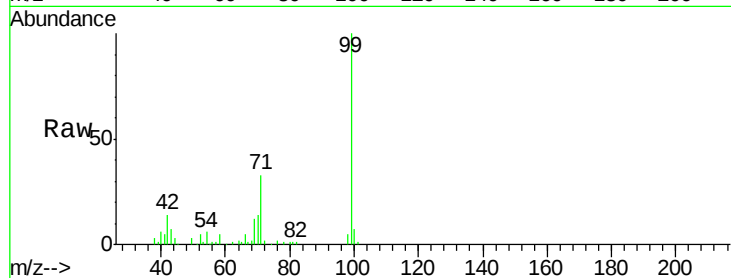
Tot Ion: 99 Resp: 162271

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

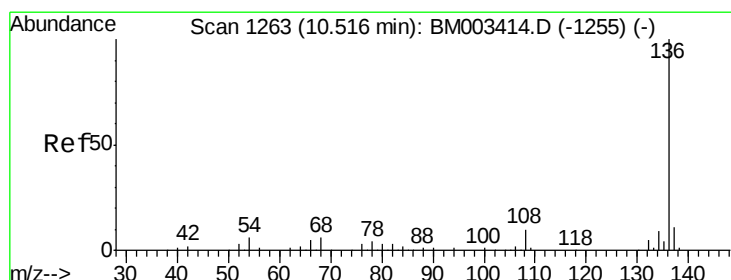
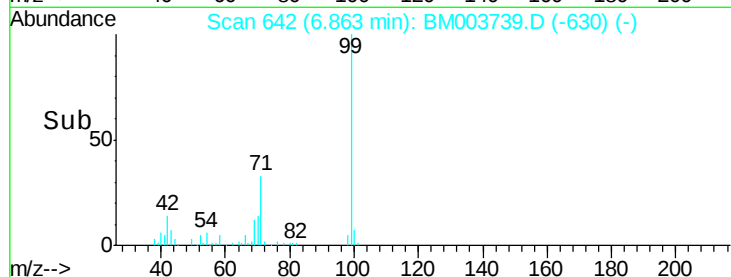
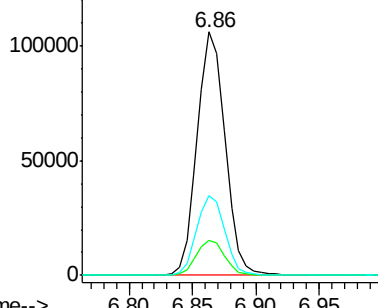
71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003739.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003739.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003739.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003739.D

Acq: 23 Dec 2015 09:56

Tgt Ion: 136 Resp: 147380

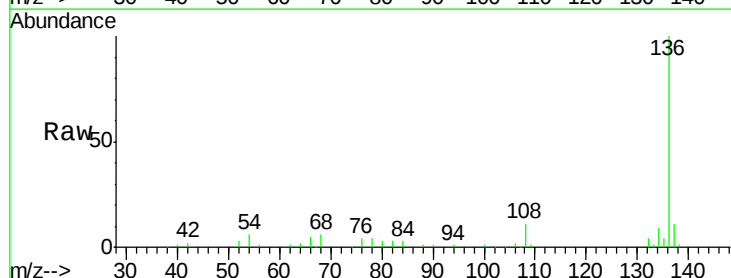
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.3 4.6 6.8

68 5.8 3.7 5.5#

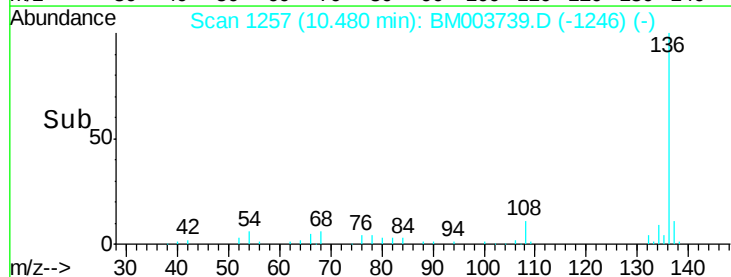
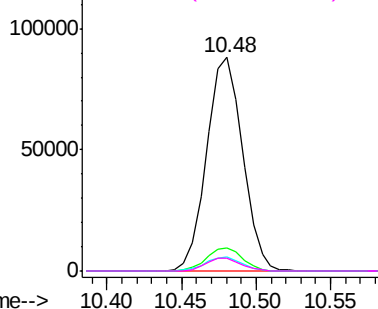


Abundance Ion 136.00 (135.70 to 136.70): BM003739.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003739.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003739.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003739.D (-1246) (-)

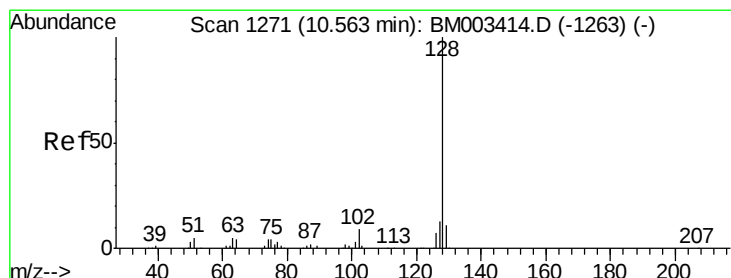
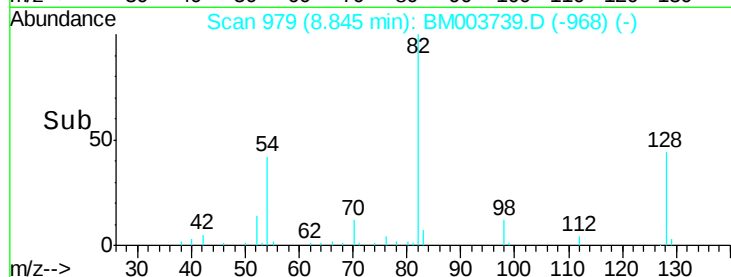
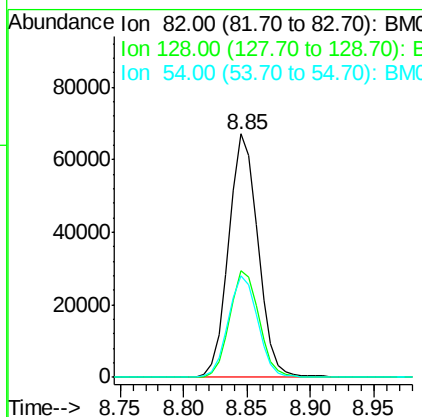
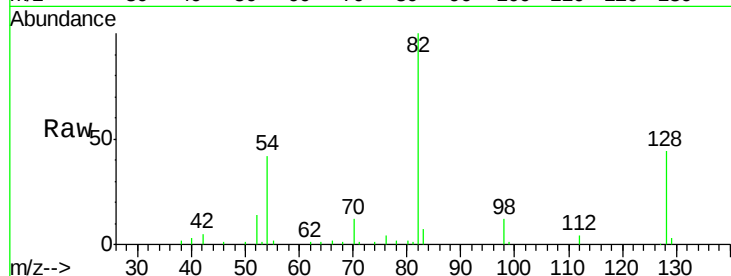




#23
Nitrobenzene-d5
Concen: 45.31 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.04 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

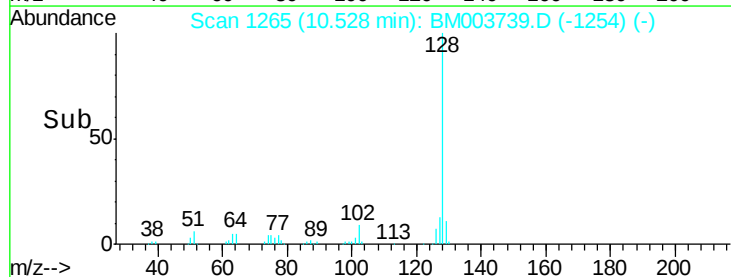
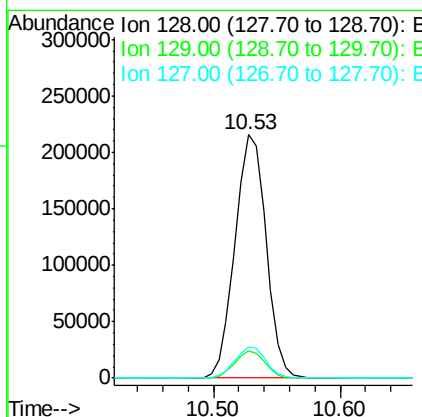
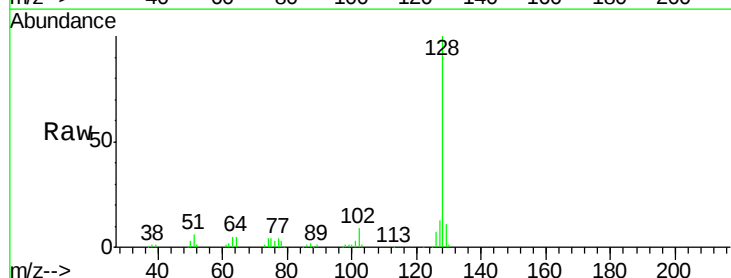
Instrument :
BNA_M
ClientSampleID :
G4969-13DL

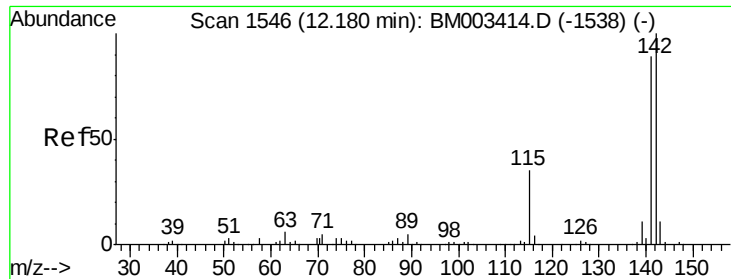
Tot Ion	82	Resp	107705
Ion Ratio	100	Lower	Upper
128	44.0	32.8	49.2
54	41.7	40.6	60.8



#31
Naphthalene
Concen: 47.65 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.04 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion	128	Resp	367469
Ion Ratio	100	Lower	Upper
129	11.0	8.9	13.3
127	13.0	10.4	15.6

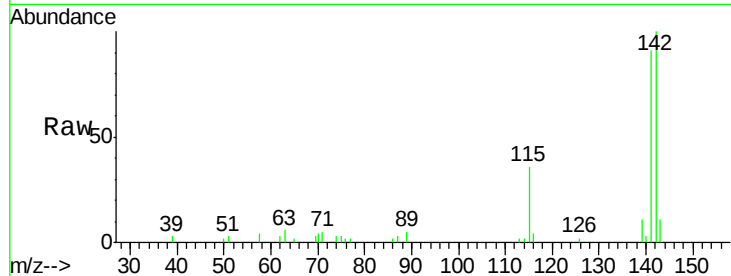




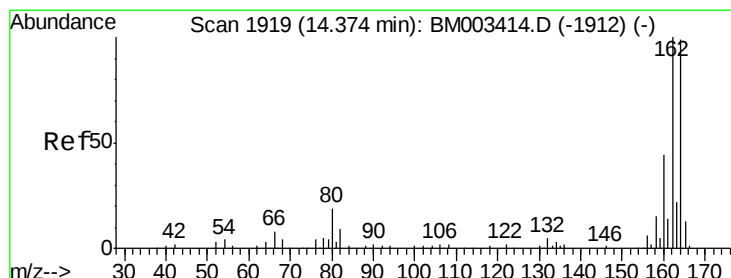
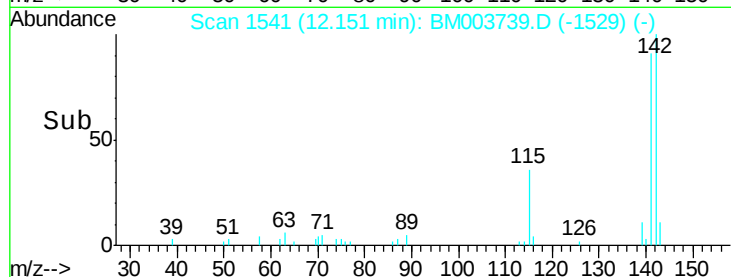
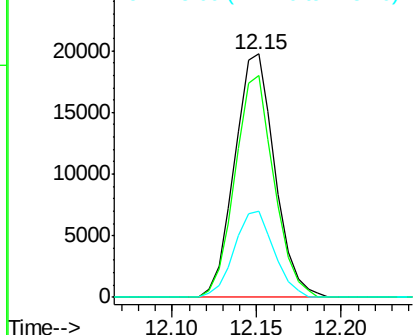
#37
2-Methylnaphthalene
Concen: 6.16 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tot Ion:142 Resp: 32583
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9
115 35.6 25.4 38.0

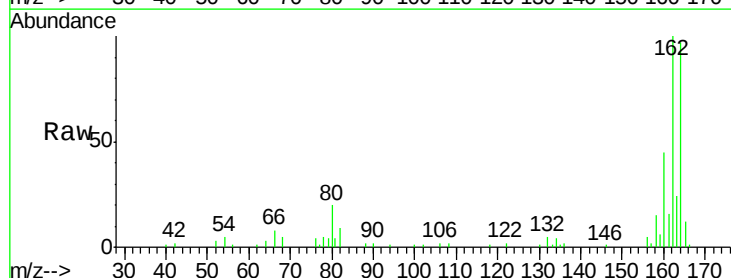


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

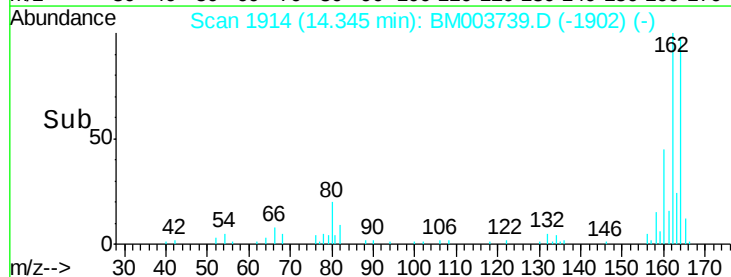
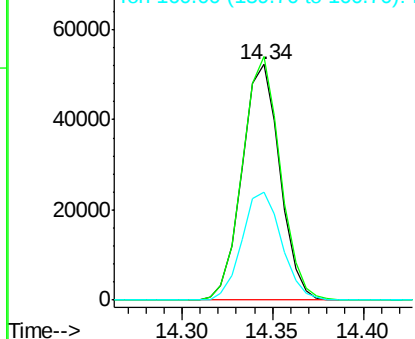


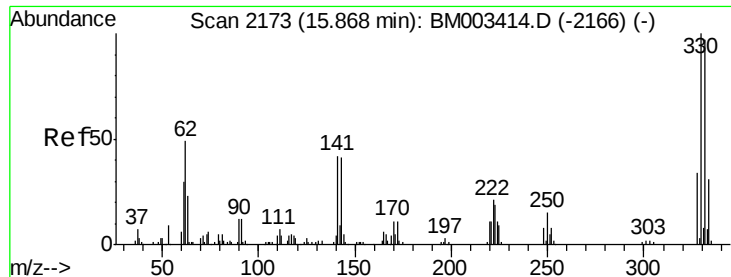
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:164 Resp: 75847
Ion Ratio Lower Upper
164 100
162 103.3 82.4 123.6
160 46.0 35.8 53.6



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

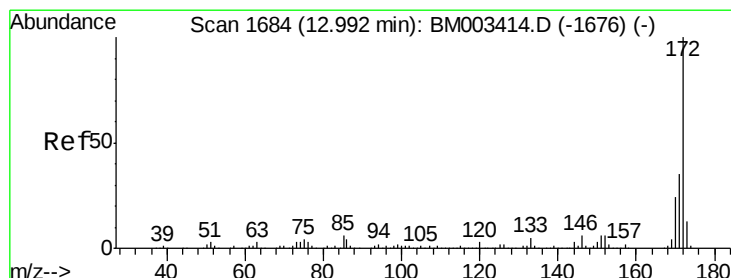
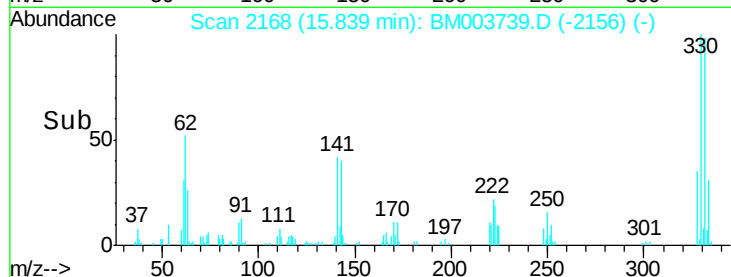
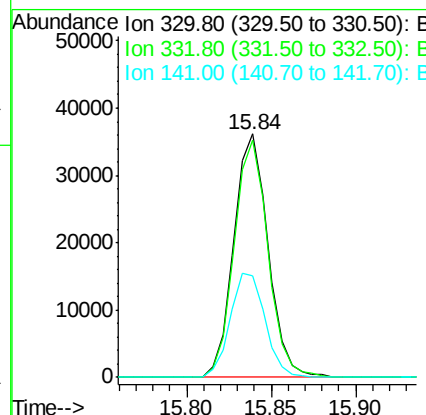
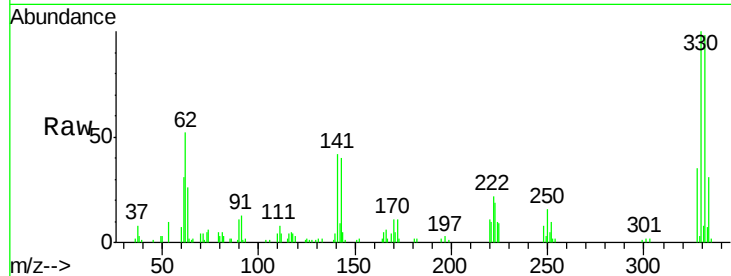




#41
 2,4,6-Tribromophenol
 Concen: 67.13 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

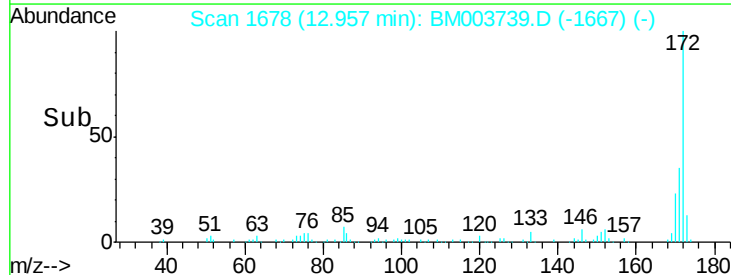
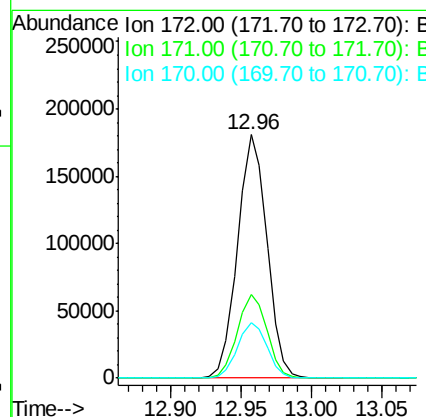
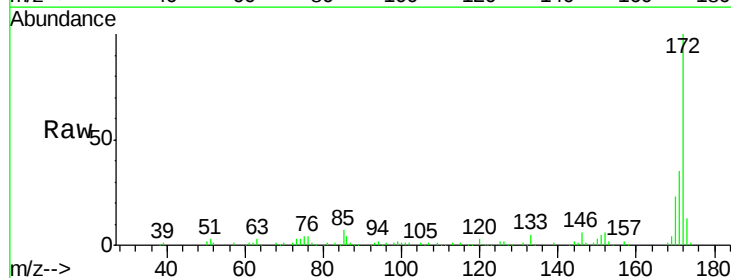
Instrument :
 BNA_M
 ClientSampleId :
 G4969-13DL

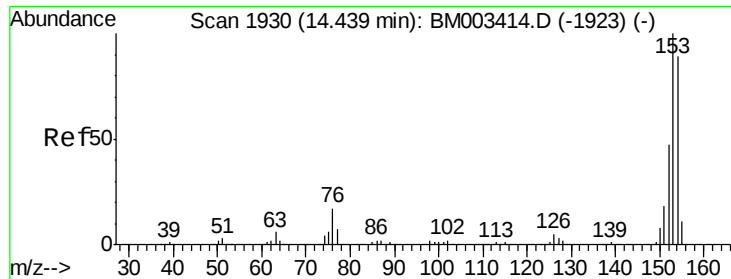
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	43.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 47.19 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.04 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	18.8	28.2





#51

Acenaphthene

Concen: 6.05 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003739.D

Acq: 23 Dec 2015 09:56

Instrument :

BNA_M

ClientSampleId :

G4969-13DL

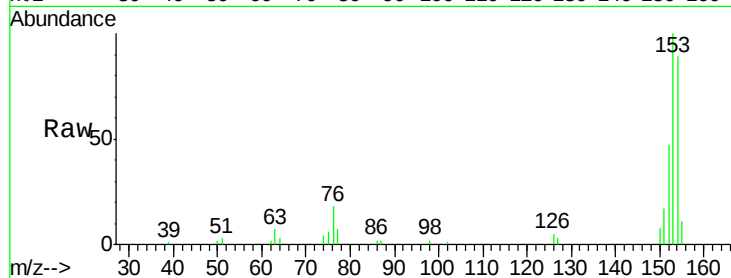
Tot Ion:154 Resp: 28854

Ion Ratio Lower Upper

154 100

153 112.9 90.0 135.0

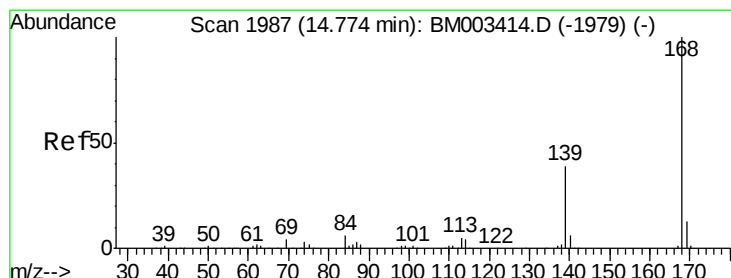
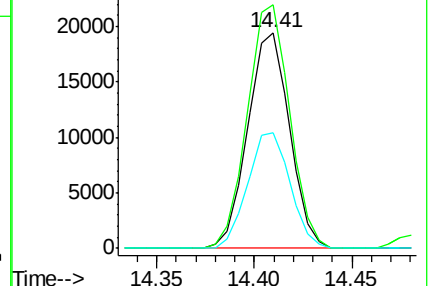
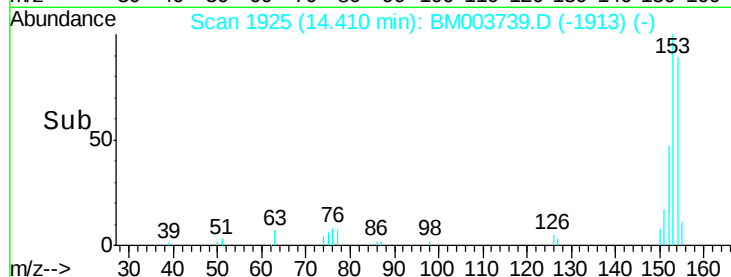
152 53.4 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.94 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BM003739.D

Acq: 23 Dec 2015 09:56

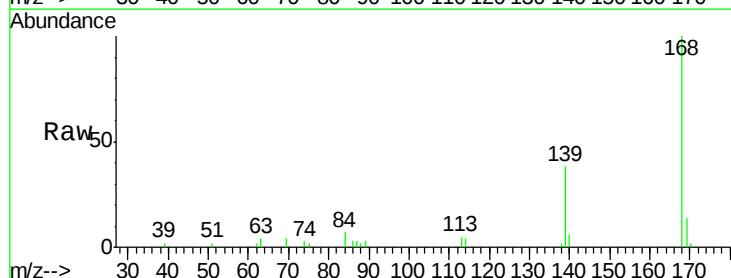
Tgt Ion:168 Resp: 27195

Ion Ratio Lower Upper

168 100

139 38.2 27.3 40.9

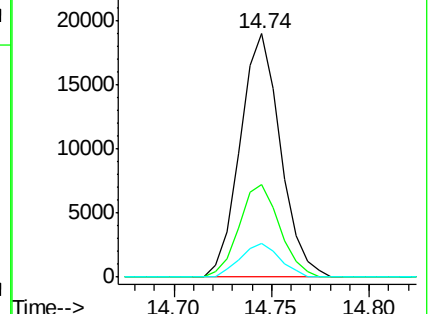
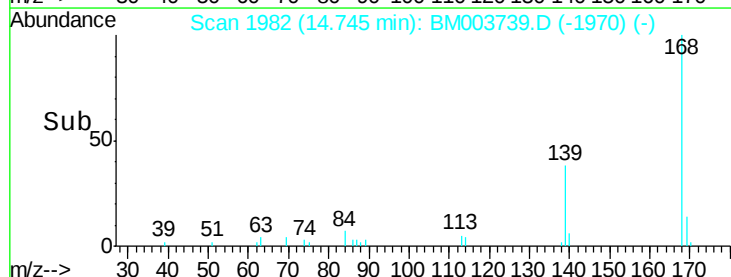
169 13.7 10.6 16.0

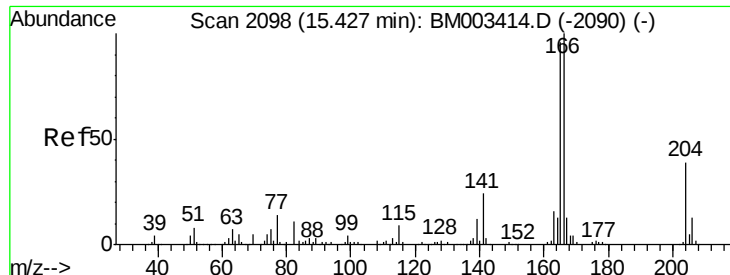


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

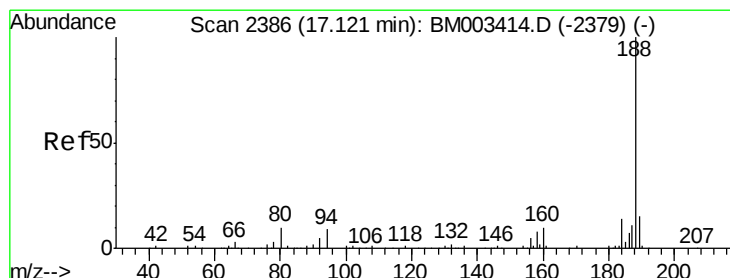
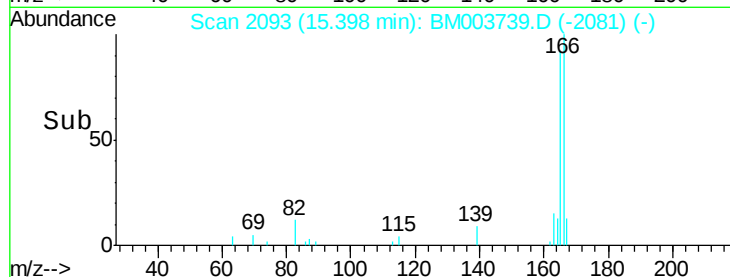
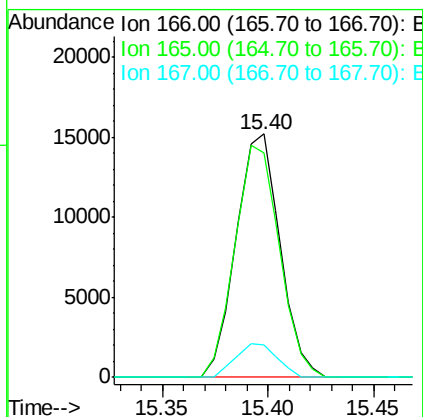
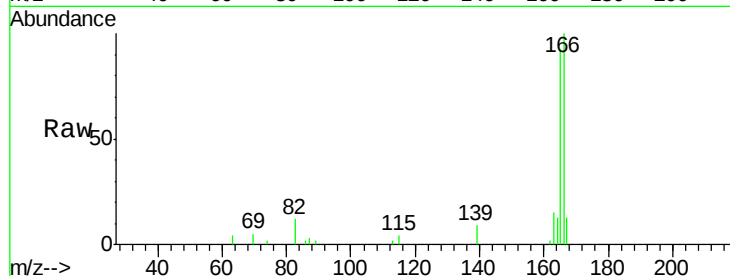




#57
Fluorene
 Concen: 3.83 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

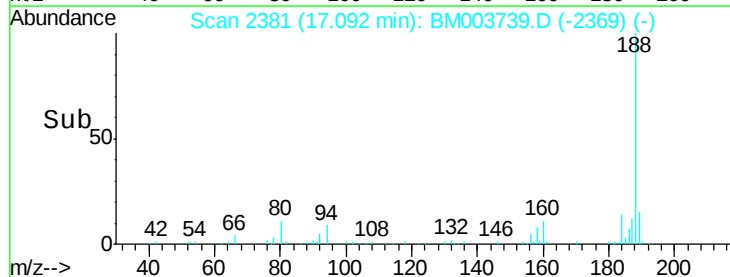
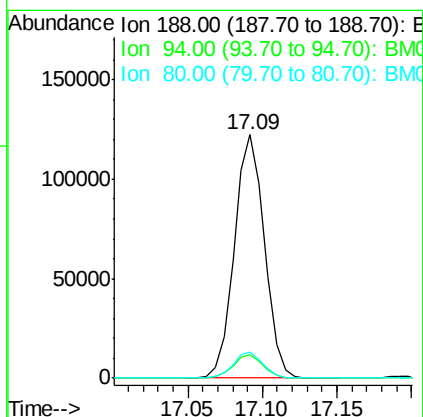
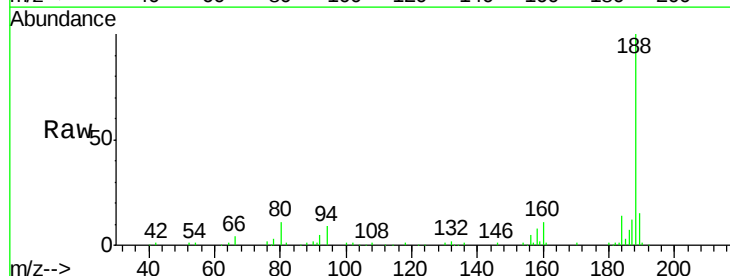
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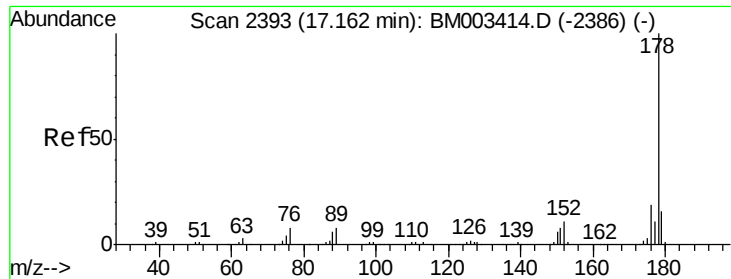
Tot Ion:166 Resp: 21896
 Ion Ratio Lower Upper
 166 100
 165 92.1 79.0 118.4
 167 13.3 10.3 15.5



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.09 min Scan# 2381
 Delta R.T. -0.03 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

Tgt Ion:188 Resp: 171355
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.7 13.1
 80 10.5 9.3 13.9





#70

Phenanthrene

Concen: 5.23 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BM003739.D

Acq: 23 Dec 2015 09:56

Instrument :

BNA_M

ClientSampleId :

G4969-13DL

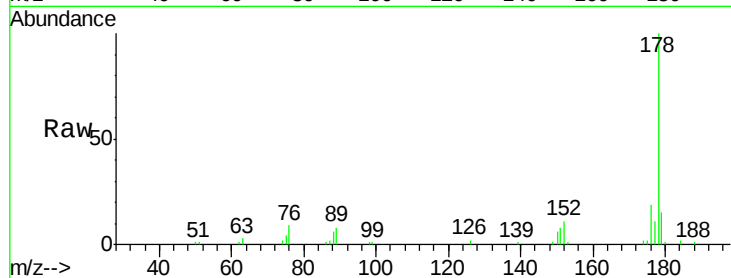
Tot Ion:178 Resp: 50331

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

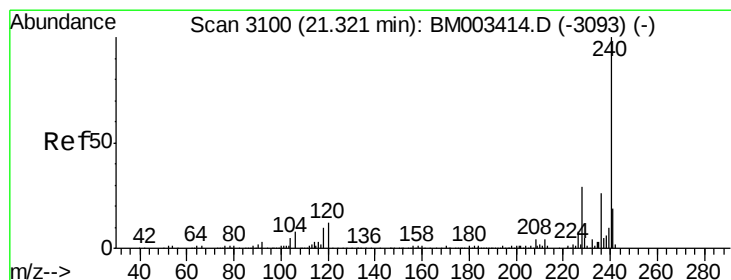
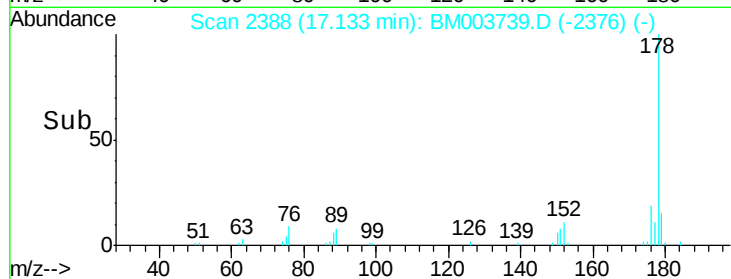
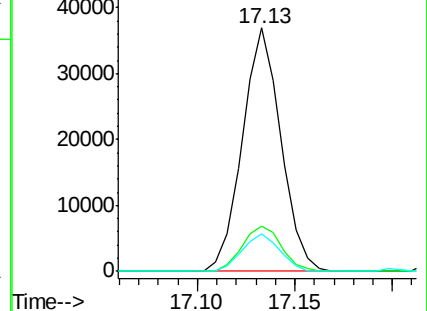
179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003739.D

Acq: 23 Dec 2015 09:56

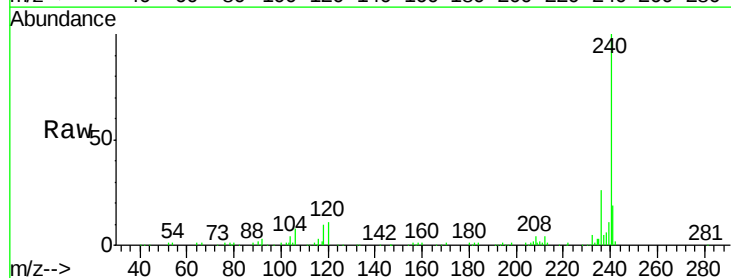
Tgt Ion:240 Resp: 210313

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

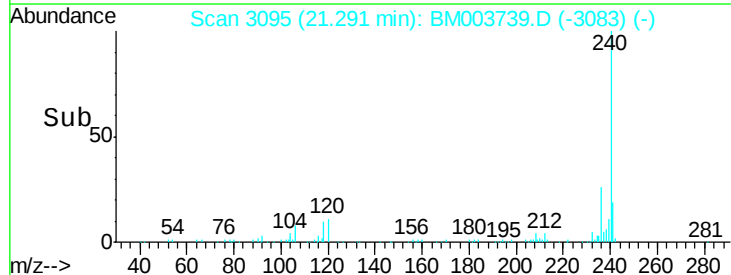
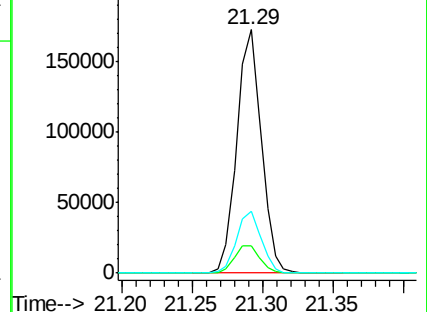
236 25.6 20.0 30.0

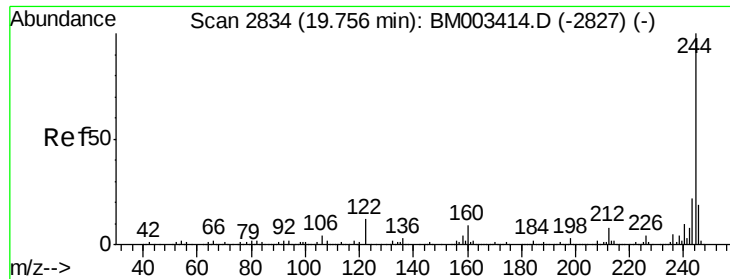


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

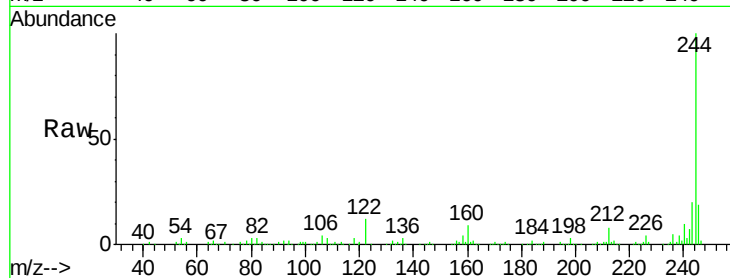




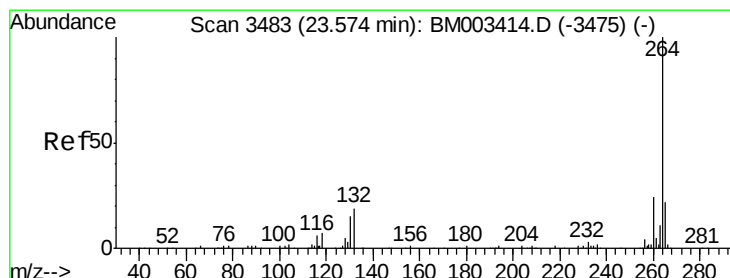
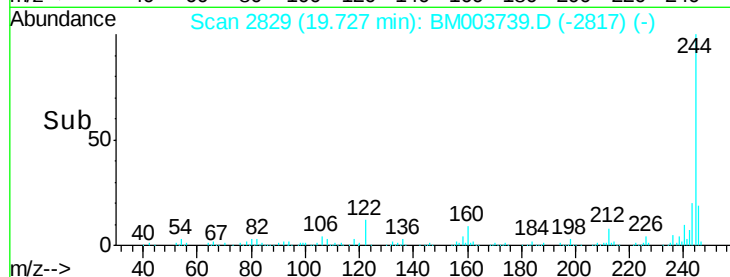
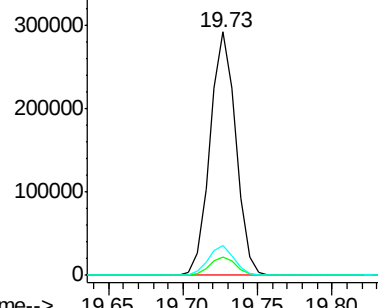
#78
 Terphenyl-d14
 Concen: 39.51 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.03 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

Instrument :
 BNA_M
 ClientSampleId :
 G4969-13DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	12.2	6.2	9.4#

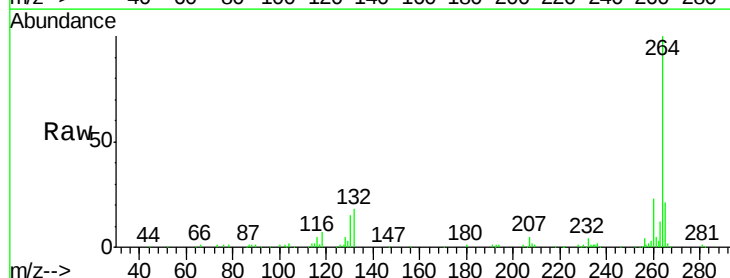


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM003739.D
 Acq: 23 Dec 2015 09:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.2	17.3	25.9



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

