

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003804.D
 Acq On : 25 Dec 2015 07:29
 Operator : UM/SJ
 Sample : G4952-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 22:55:59 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

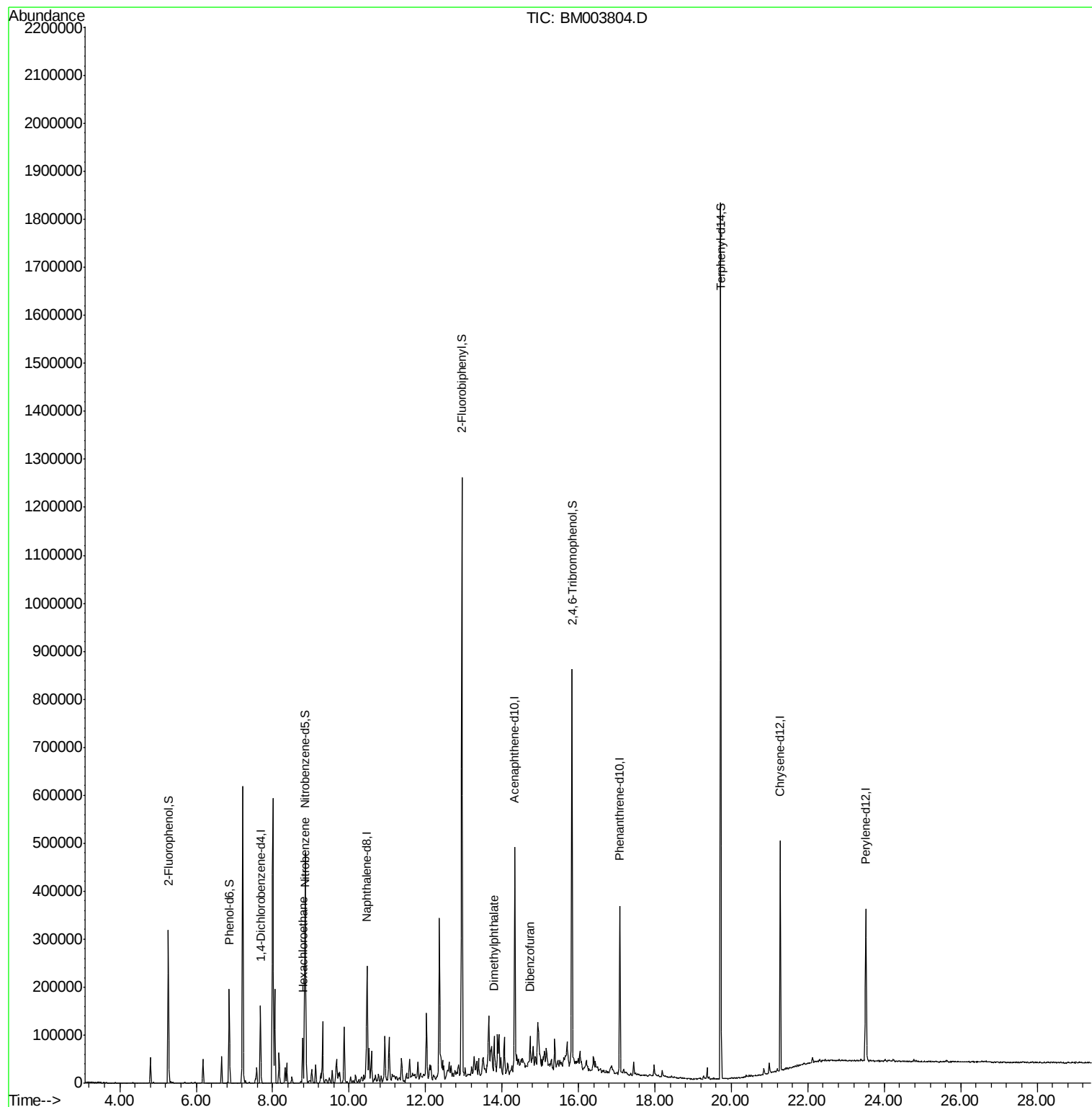
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	43846	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	180417	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	126430	20.00	ng	-0.04
63) Phenanthrene-d10	17.08	188	202824	20.00	ng	-0.04
75) Chrysene-d12	21.28	240	218761	20.00	ng	-0.04
86) Perylene-d12	23.52	264	218835	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	147754	59.91	ng	-0.03
7) Phenol-d6	6.86	99	119912	35.02	ng	-0.03
23) Nitrobenzene-d5	8.84	82	274644	94.39	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	144016	114.06	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	643384	69.33	ng	-0.04
78) Terphenyl-d14	19.72	244	765791	82.55	ng	-0.04
Target Compounds						
18) Hexachloroethane	8.79	117	33170	27.29	ng	# 27
24) Nitrobenzene	8.86	77	8693	2.76	ng	# 9
49) Dimethylphthalate	13.79	163	44647	4.29	ng	100
54) Dibenzofuran	14.73	168	23959	2.09	ng	# 86

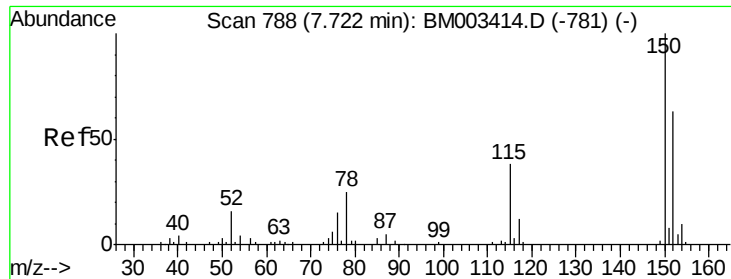
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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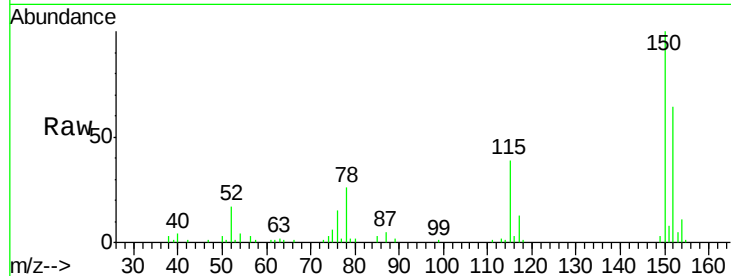


#1

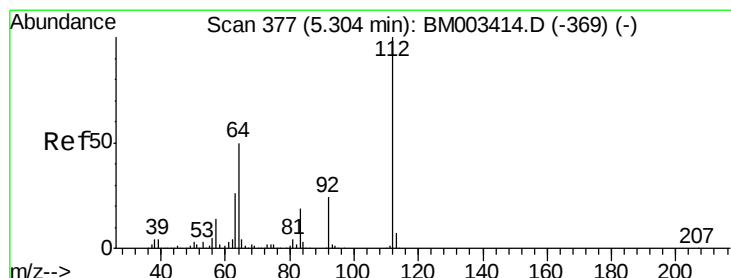
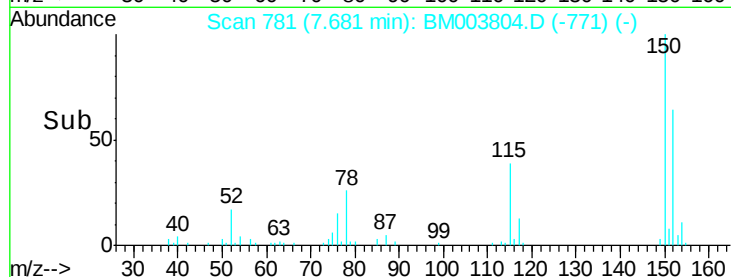
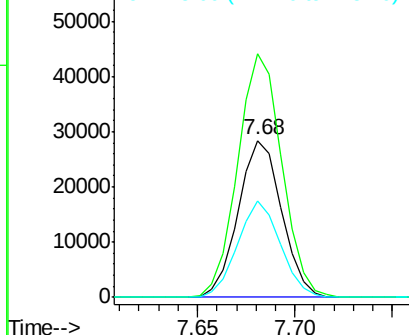
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003804.D
Acq: 25 Dec 2015 07:29

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 43846
Ion Ratio Lower Upper
152 100
150 155.2 119.5 179.3
115 61.2 43.0 64.4



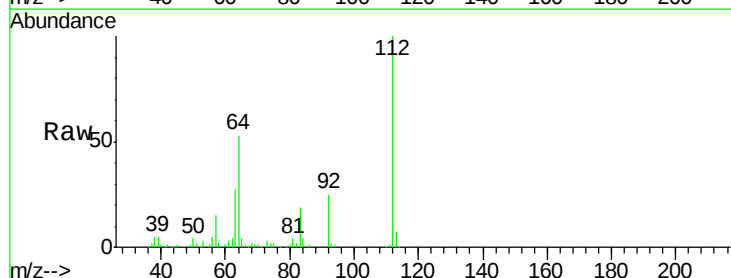
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



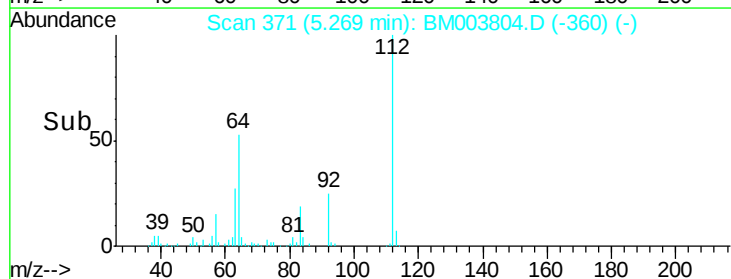
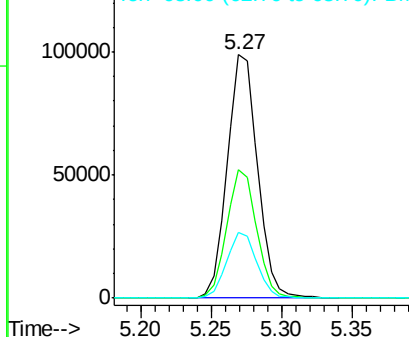
#5

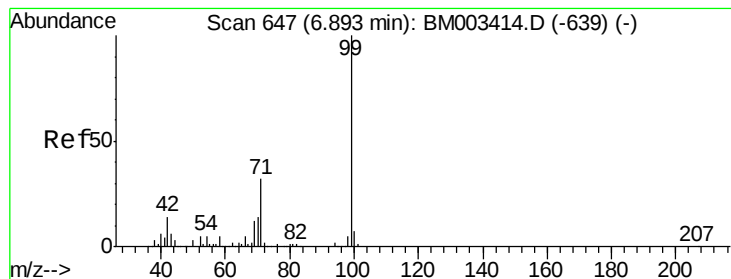
2-Fluorophenol
Concen: 59.91 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.03 min
Lab File: BM003804.D
Acq: 25 Dec 2015 07:29

Tgt Ion:112 Resp: 147754
Ion Ratio Lower Upper
112 100
64 52.9 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: 35.02 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003804.D

Acq: 25 Dec 2015 07:29

Instrument :

BNA_M

ClientSampleId :

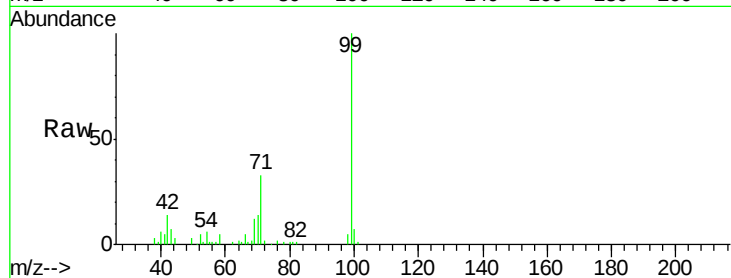
Tot Ion: 99 Resp: 119912

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

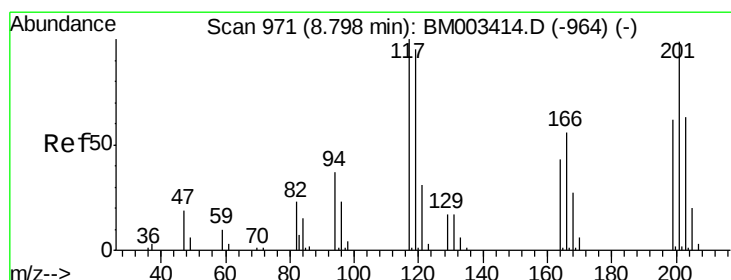
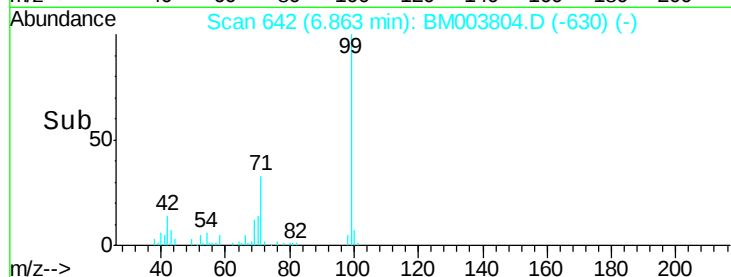
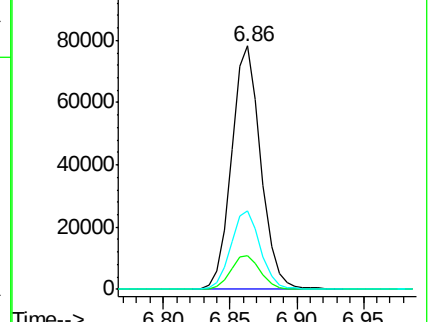
71 32.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#18

Hexachloroethane

Concen: 27.29 ng

RT: 8.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM003804.D

Acq: 25 Dec 2015 07:29

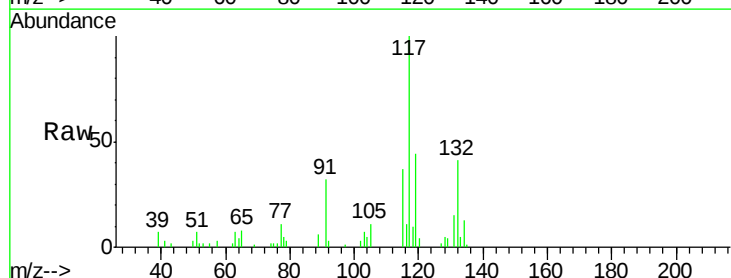
Tgt Ion: 117 Resp: 33170

Ion Ratio Lower Upper

117 100

119 44.5 79.2 118.8#

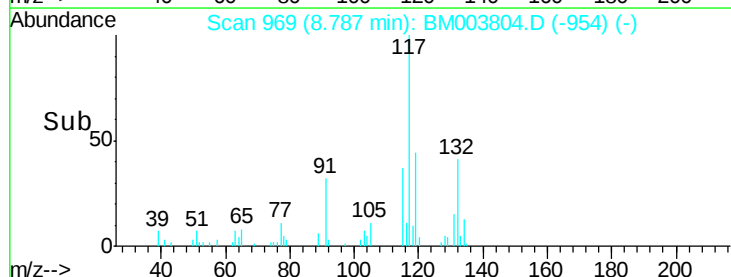
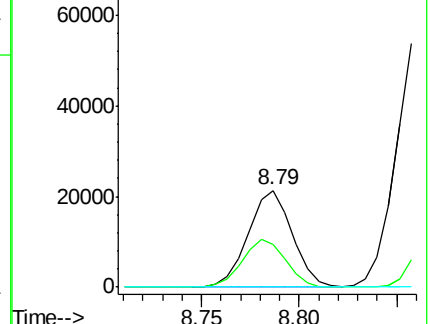
201 0.0 69.8 104.6#

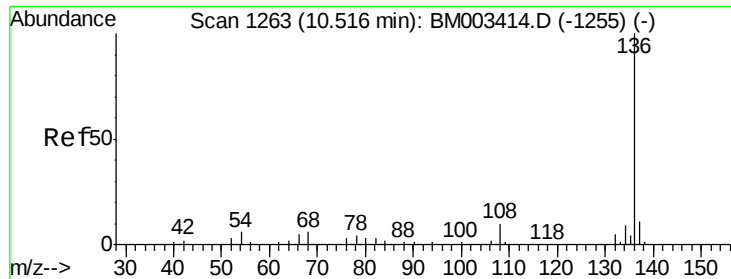


Abundance Ion 117.00 (116.70 to 117.70): BM003414.D (-964) (-)

Ion 119.00 (118.70 to 119.70): BM003414.D (-964) (-)

Ion 201.00 (200.70 to 201.70): BM003414.D (-964) (-)

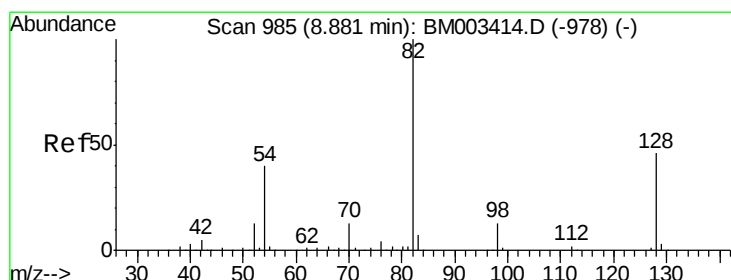
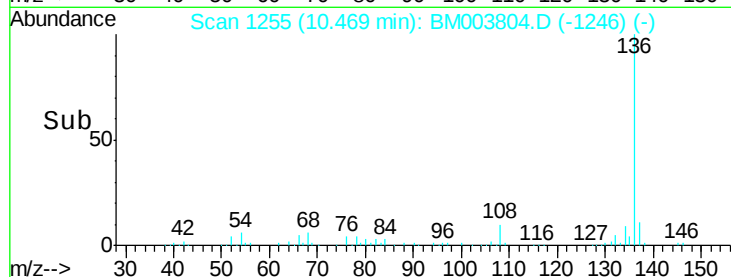
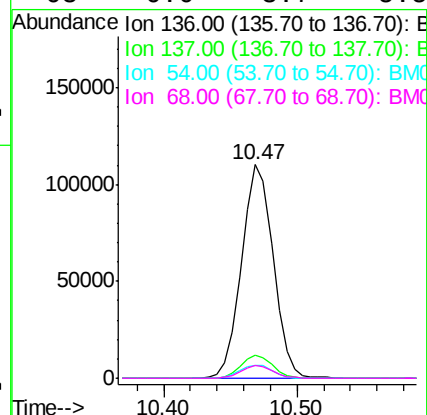
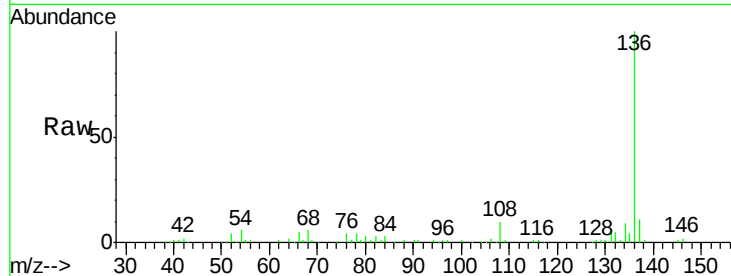




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BM003804.D
Acq: 25 Dec 2015 07:29

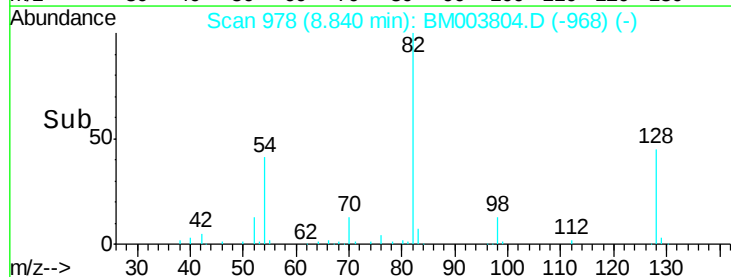
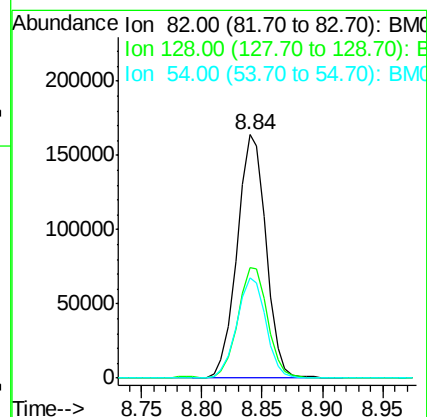
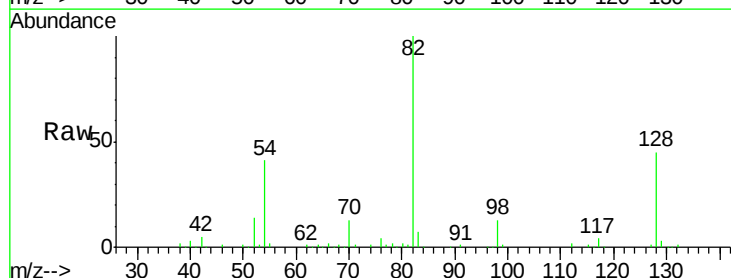
Instrument :
BNA_M
ClientSampleId :

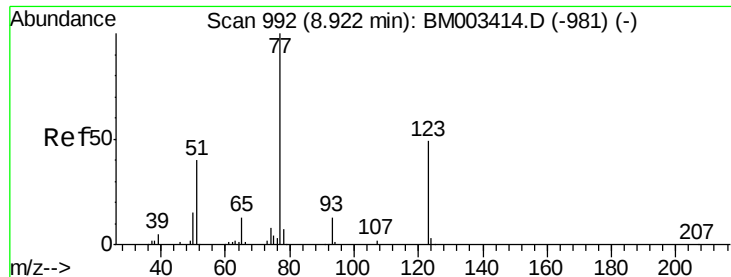
Tot Ion:136	Resp:	180417
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	6.3	4.6 6.8
68	6.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 94.39 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM003804.D
Acq: 25 Dec 2015 07:29

Tgt Ion: 82	Resp:	274644
Ion	Ratio	Lower Upper
82	100	
128	45.4	32.8 49.2
54	41.2	40.6 60.8

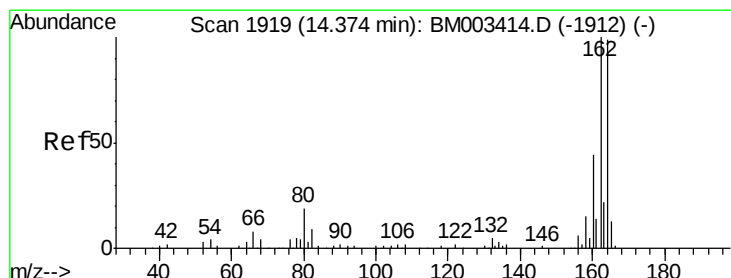
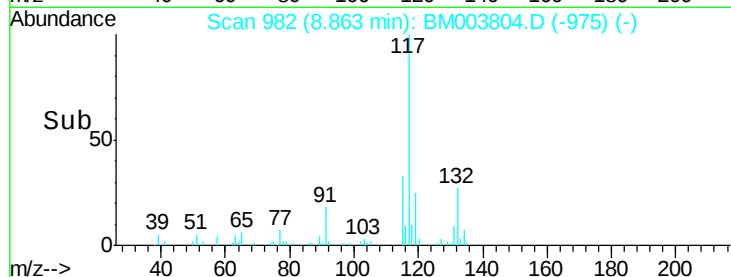
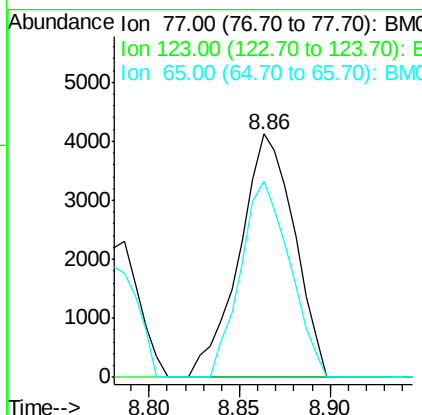
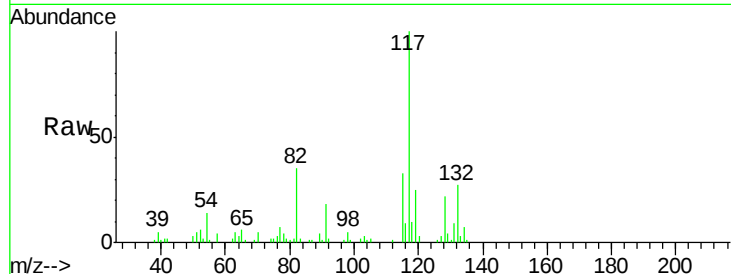




#24
 Nitrobenzene
 Concen: 2.76 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.06 min
 Lab File: BM003804.D
 Acq: 25 Dec 2015 07:29

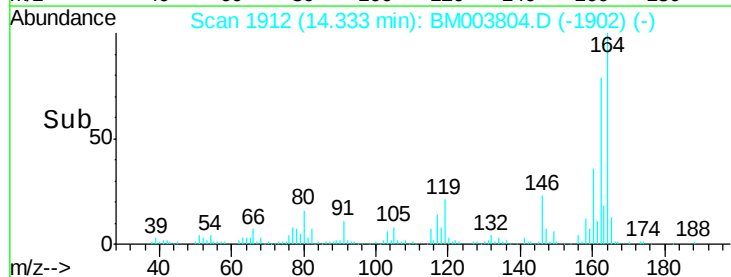
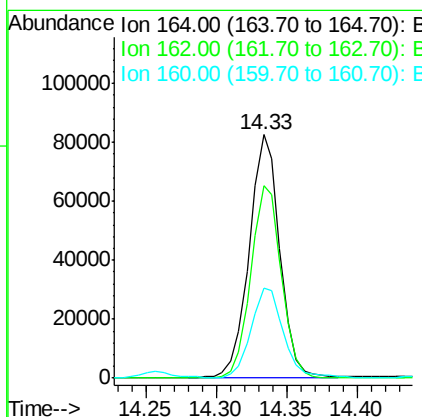
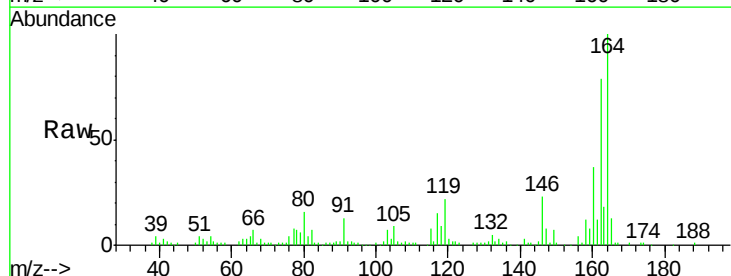
Instrument :
 BNA_M
 ClientSampled :

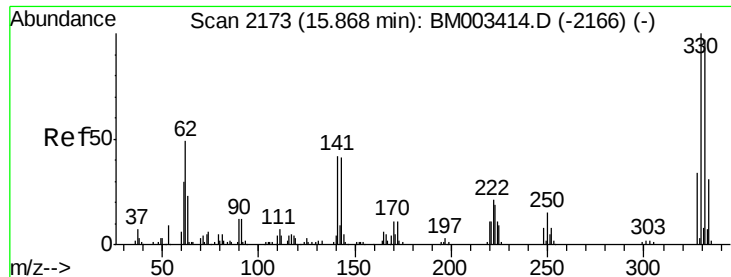
Tot Ion: 77 Resp: 8693
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 80.6 10.9 16.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.04 min
 Lab File: BM003804.D
 Acq: 25 Dec 2015 07:29

Tgt Ion: 164 Resp: 126430
 Ion Ratio Lower Upper
 164 100
 162 79.0 82.4 123.6#
 160 36.9 35.8 53.6

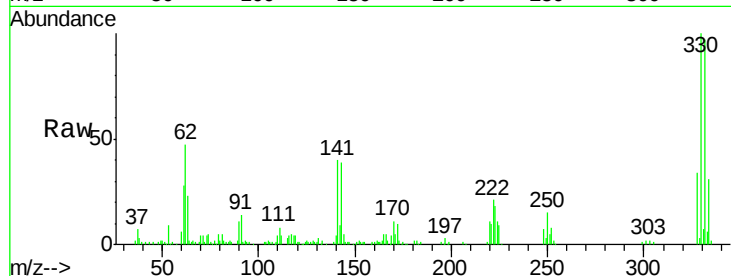




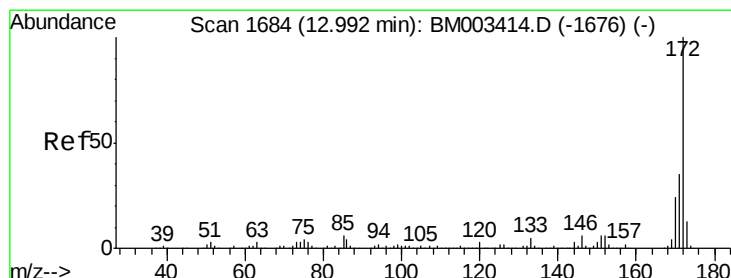
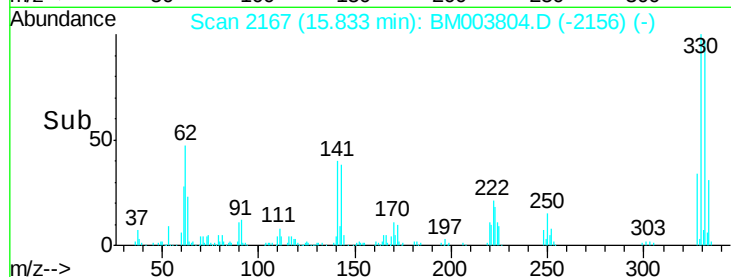
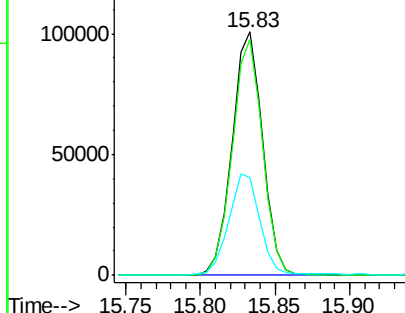
#41
 2,4,6-Tribromophenol
 Concen: 114.06 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BM003804.D
 Acq: 25 Dec 2015 07:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 144016
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 41.9 0.0 0.0#

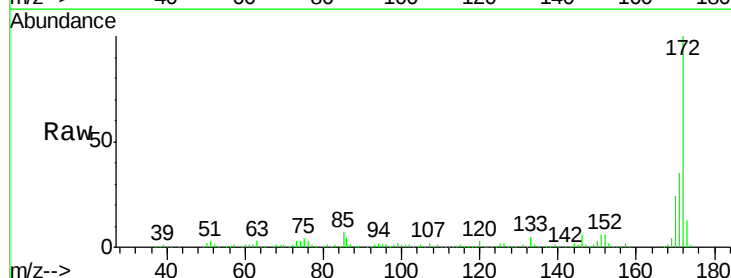


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

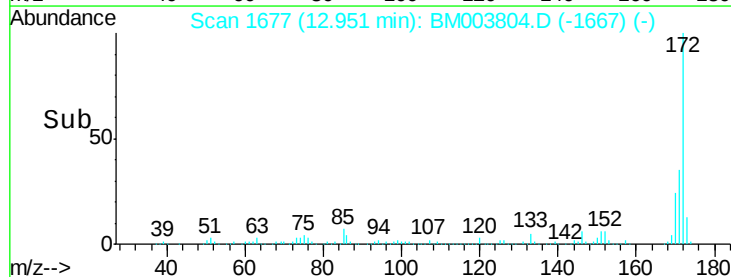
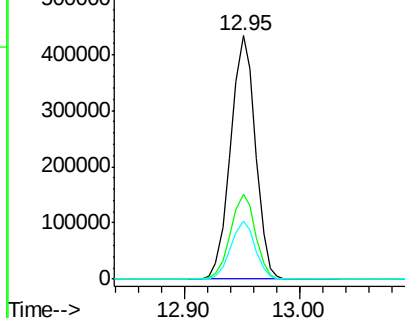


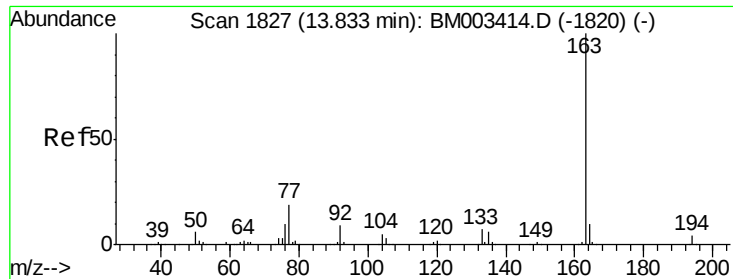
#44
 2-Fluorobiphenyl
 Concen: 69.33 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.04 min
 Lab File: BM003804.D
 Acq: 25 Dec 2015 07:29

Tgt Ion:172 Resp: 643384
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.7 18.8 28.2



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





#49

Dimethylphthalate

Concen: 4.29 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BM003804.D

Acq: 25 Dec 2015 07:29

Instrument :

BNA_M

ClientSampleId :

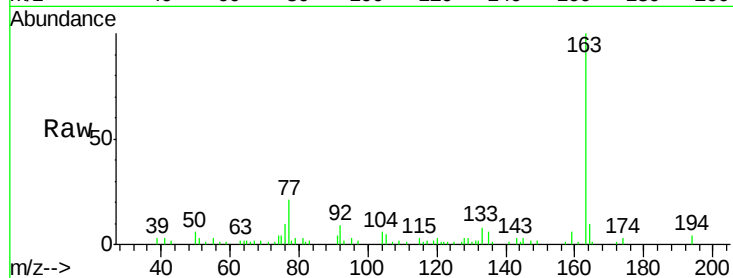
Tot Ion:163 Resp: 44647

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

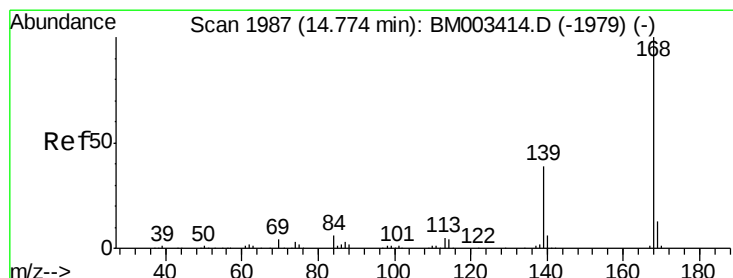
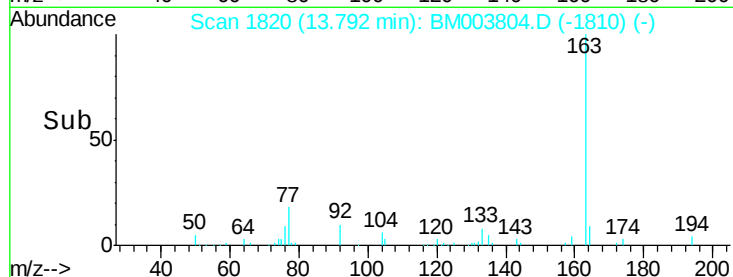
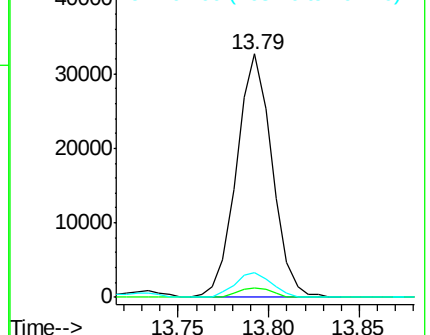
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

Dibenzofuran

Concen: 2.09 ng

RT: 14.73 min Scan# 1980

Delta R.T. -0.04 min

Lab File: BM003804.D

Acq: 25 Dec 2015 07:29

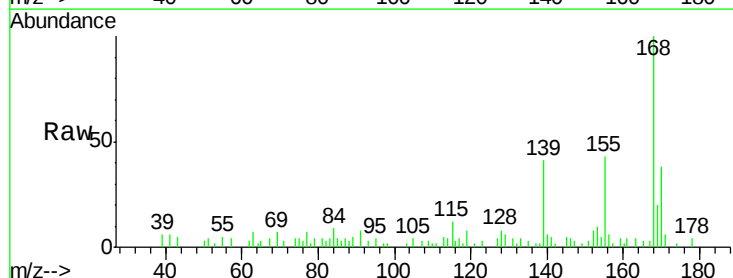
Tgt Ion:168 Resp: 23959

Ion Ratio Lower Upper

168 100

139 41.2 27.3 40.9#

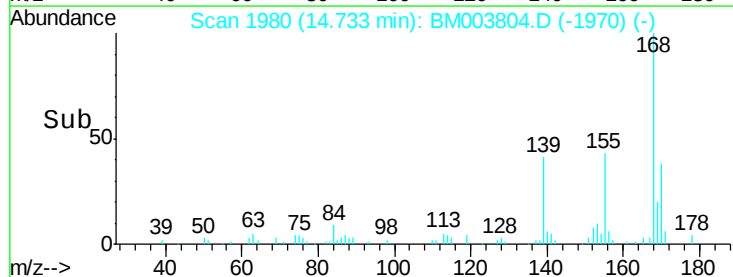
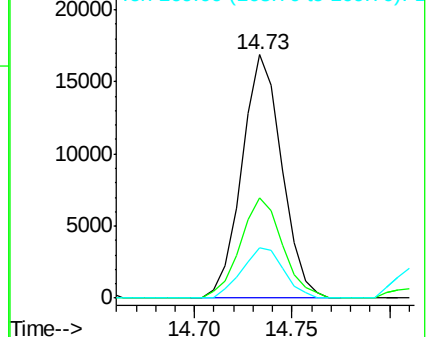
169 20.5 10.6 16.0#

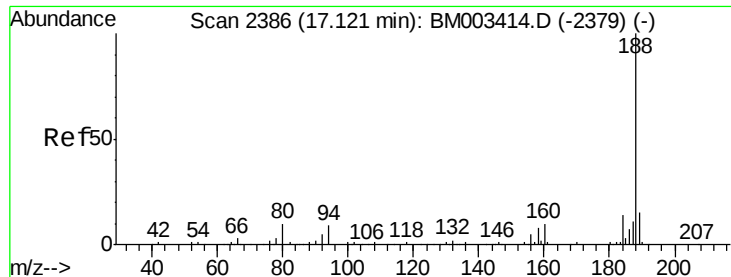


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

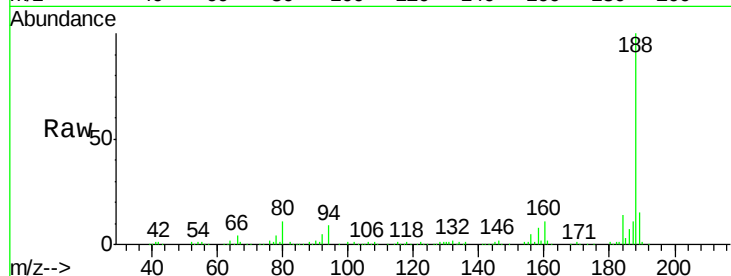




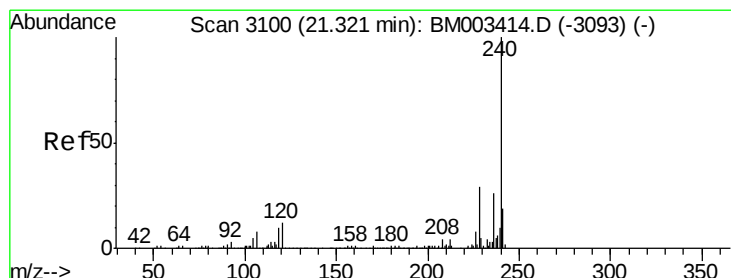
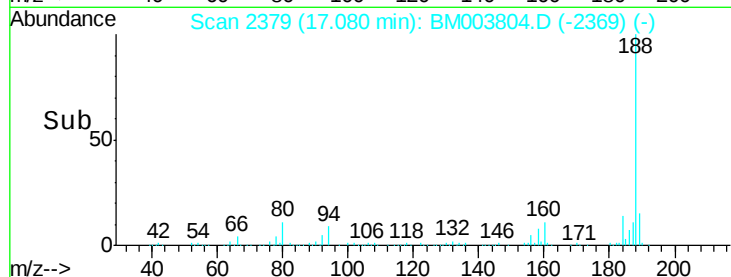
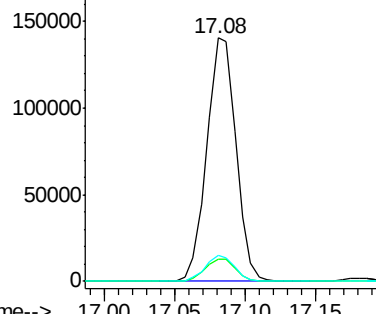
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM003804.D
Acq: 25 Dec 2015 07:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 202824
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 10.5 9.3 13.9

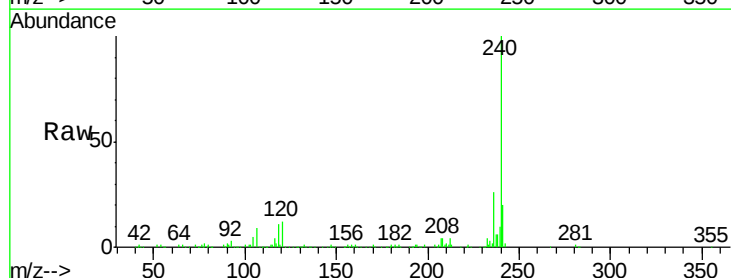


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

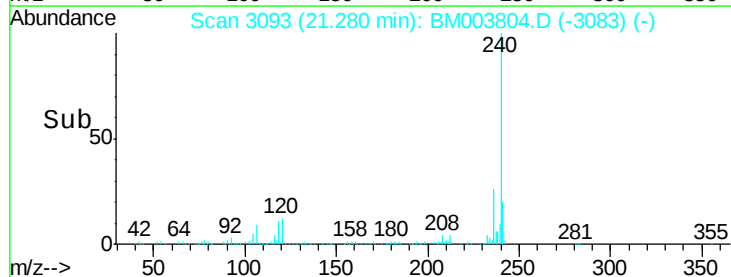
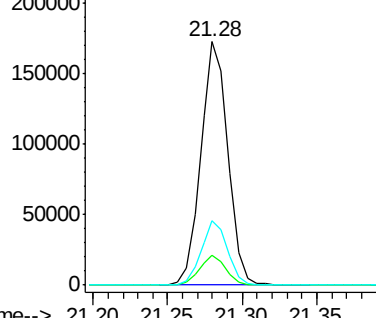


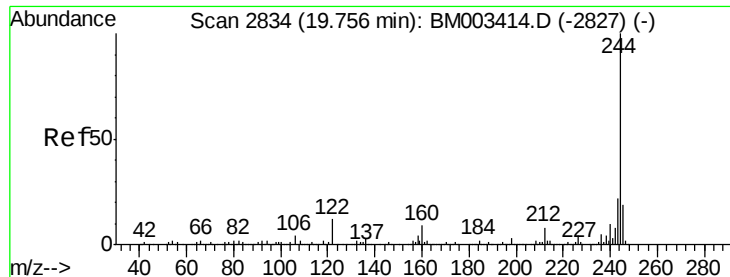
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM003804.D
Acq: 25 Dec 2015 07:29

Tgt Ion:240 Resp: 218761
Ion Ratio Lower Upper
240 100
120 12.2 8.2 12.2
236 26.3 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: 82.55 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003804.D

Acq: 25 Dec 2015 07:29

Instrument :

BNA_M

ClientSampleId :

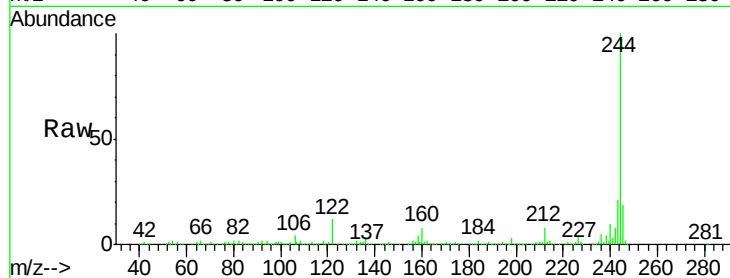
Tot Ion:244 Resp: 765791

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

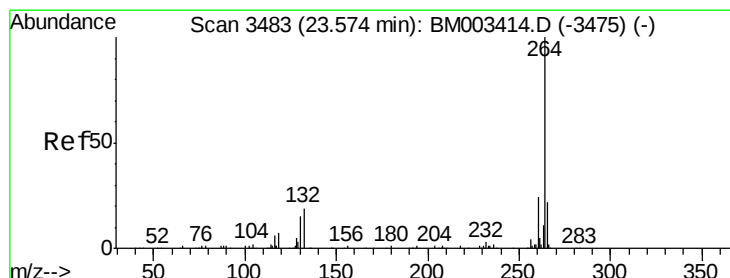
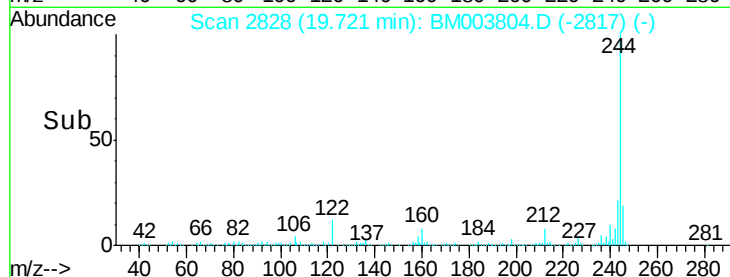
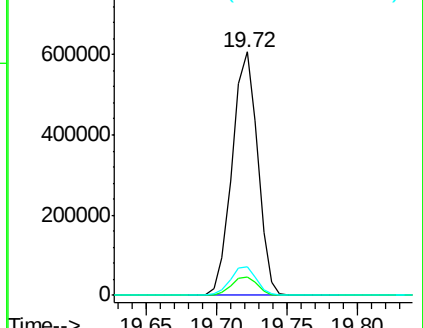
122 11.7 6.2 9.4#



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: 23.52 min Scan# 3474

Delta R.T. -0.05 min

Lab File: BM003804.D

Acq: 25 Dec 2015 07:29

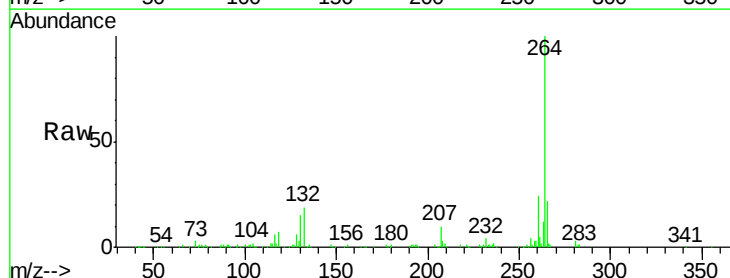
Tgt Ion:264 Resp: 218835

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.9 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

