

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
 Data File : BM014504.D
 Acq On : 06 Mar 2018 18:47
 Operator : SJ/JU
 Sample : J1699-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 07 03:58:05 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

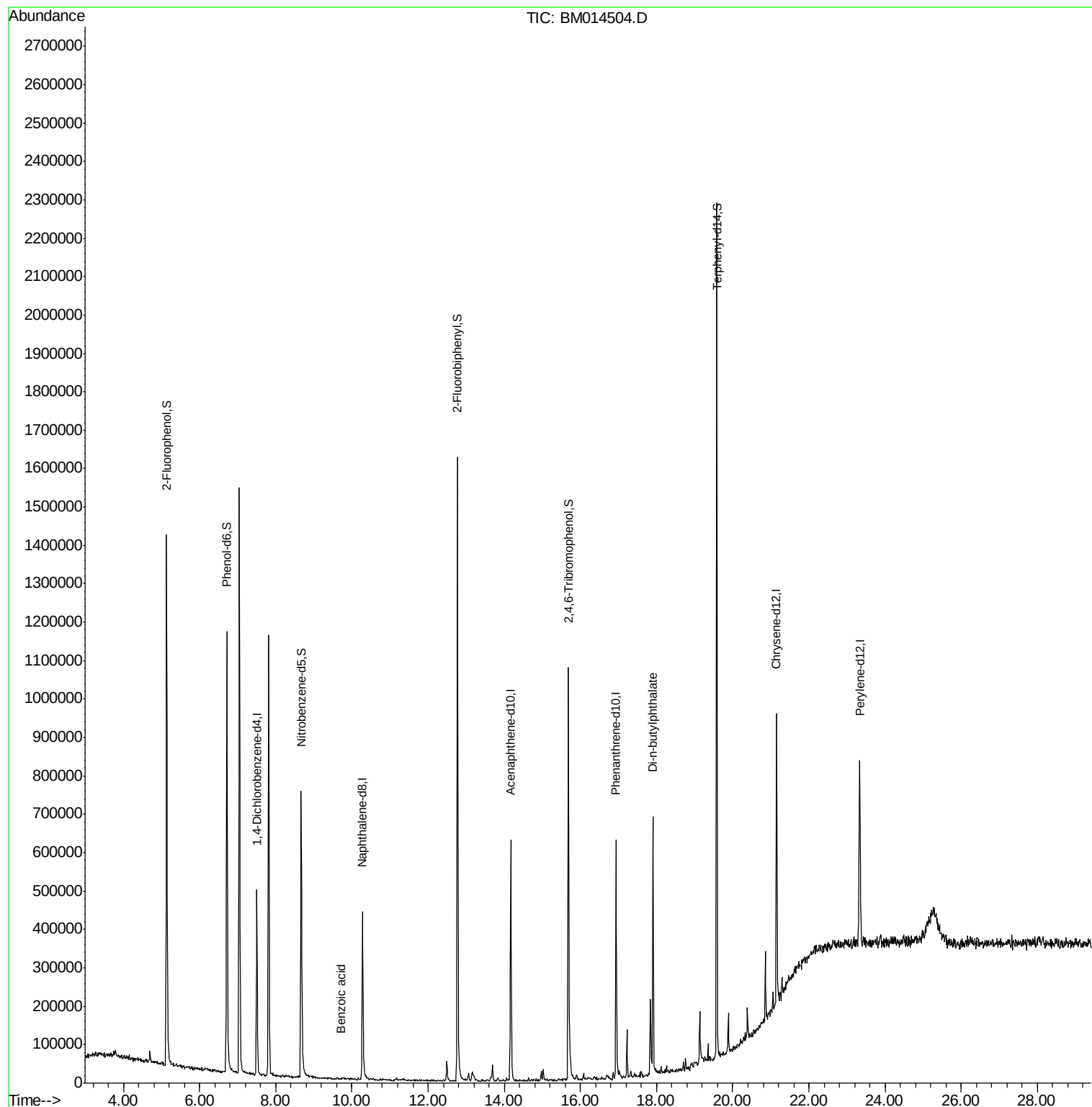
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	102740	20.00	ng	-0.04
21) Naphthalene-d8	10.28	136	368799	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	195889	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	372165	20.00	ng	-0.02
75) Chrysene-d12	21.15	240	355072	20.00	ng	-0.02
86) Perylene-d12	23.33	264	364705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	514729	87.32	ng	-0.03
7) Phenol-d6	6.71	99	603745	72.32	ng	-0.03
23) Nitrobenzene-d5	8.67	82	472279	57.20	ng	-0.04
41) 2,4,6-Tribromophenol	15.69	330	169483	60.97	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	818987	52.19	ng	-0.04
78) Terphenyl-d14	19.58	244	847423	46.63	ng	-0.02
Target Compounds						
32) Benzoic acid	9.71	122	121	6.210	ng	# 1
73) Di-n-butylphthalate	17.90	149	408346	15.518	ng	# 96

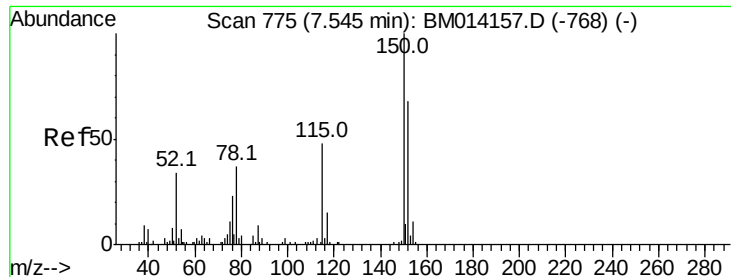
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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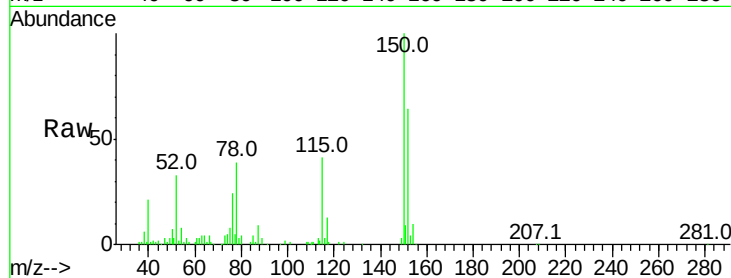


#1

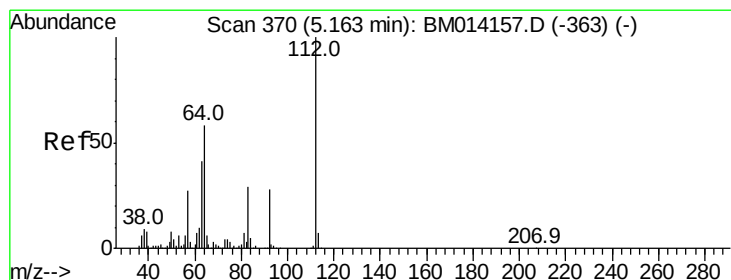
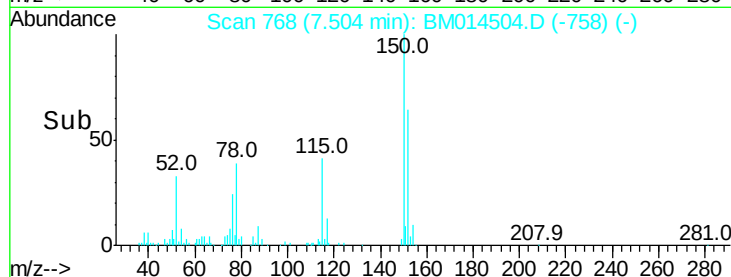
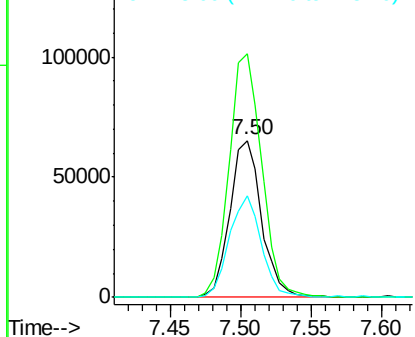
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.04 min
Lab File: BM014504.D
Acq: 06 Mar 2018 18:47

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 102740
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 64.3 43.0 64.4



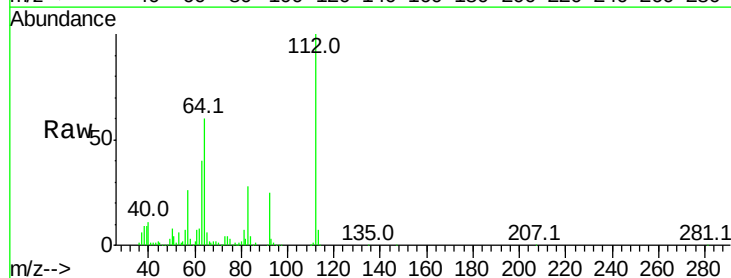
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



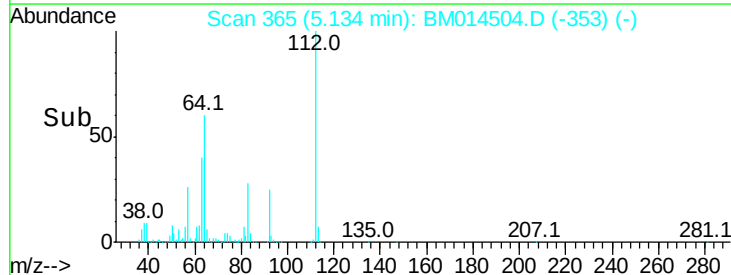
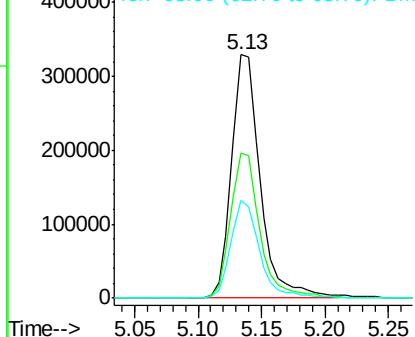
#5

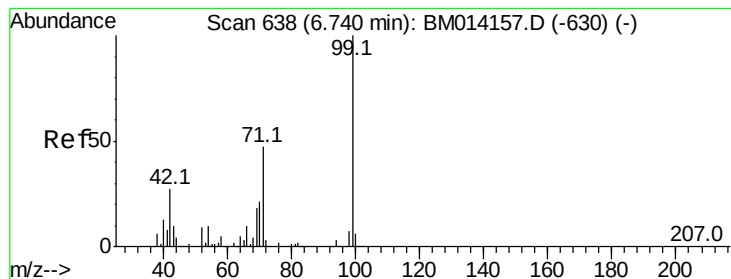
2-Fluorophenol
Concen: 87.324 ng
RT: 5.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: BM014504.D
Acq: 06 Mar 2018 18:47

Tgt Ion:112 Resp: 514729
Ion Ratio Lower Upper
112 100
64 59.8 38.6 57.8#
63 40.1 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: 72.320 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.03 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

Instrument :

BNA_M

ClientSampleId :

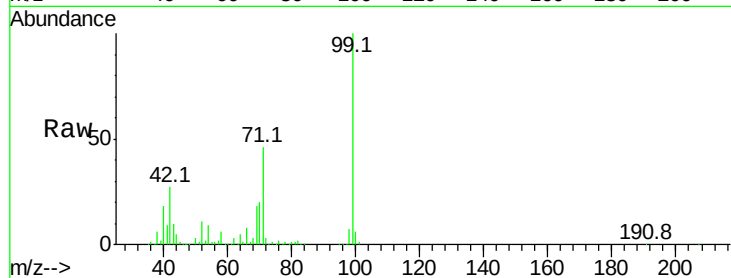
Tot Ion: 99 Resp: 603745

Ion Ratio Lower Upper

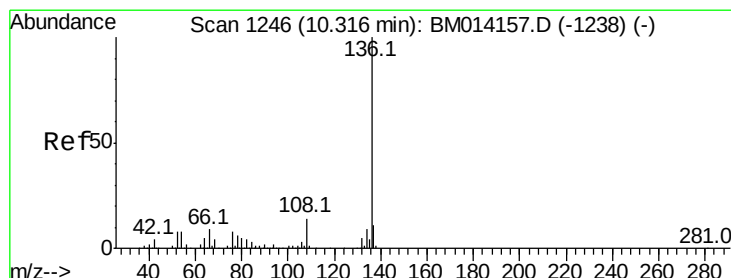
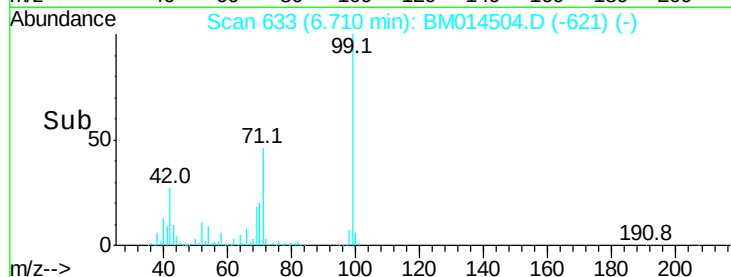
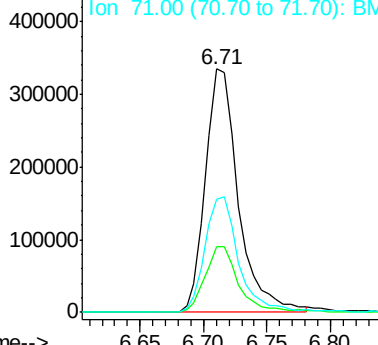
99 100

42 26.9 11.0 16.4#

71 46.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014504.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.04 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

Tgt Ion: 136 Resp: 368799

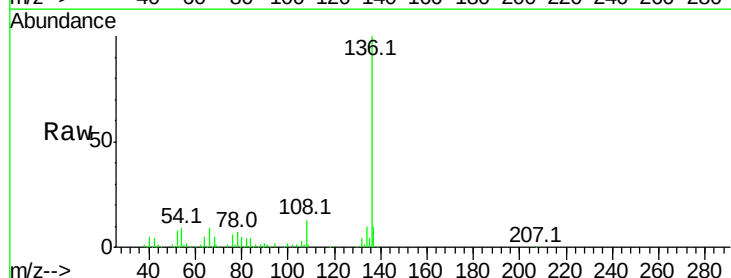
Ion Ratio Lower Upper

136 100

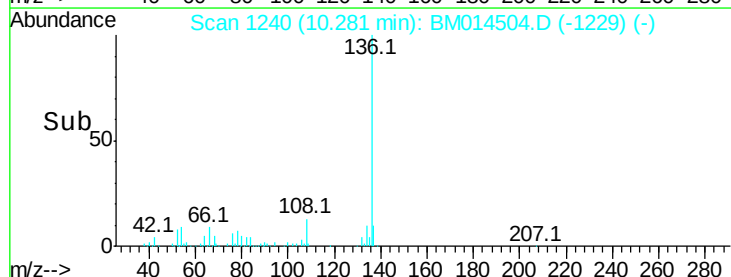
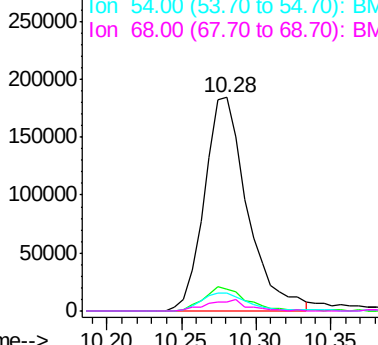
137 10.3 8.7 13.1

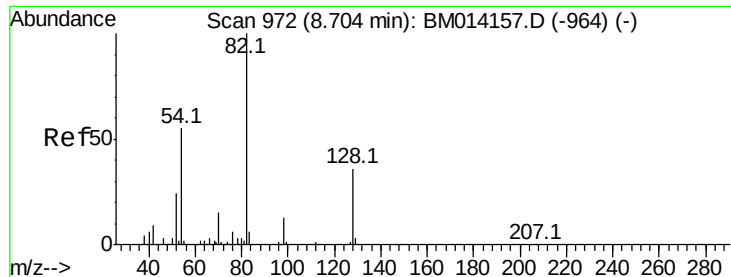
54 8.6 4.6 6.8#

68 4.5 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM014504.D (-1229) (-)

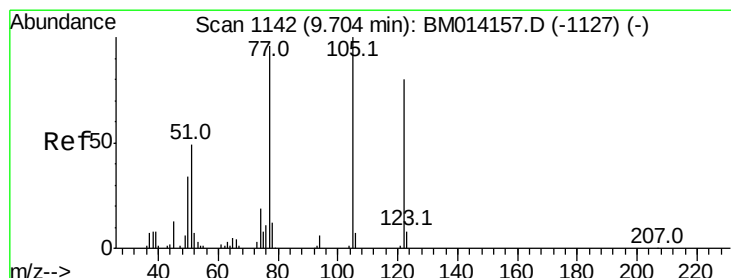
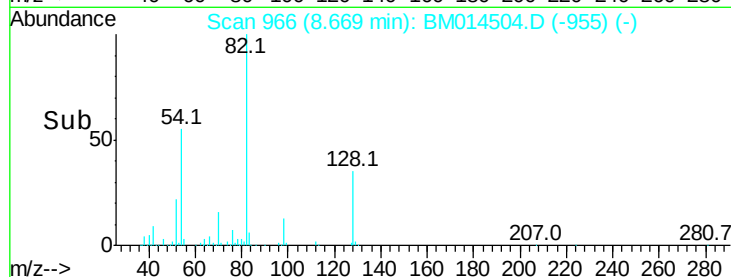
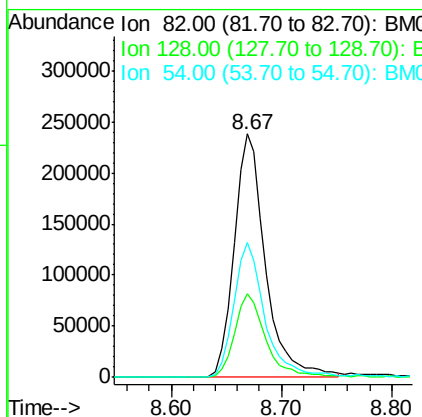
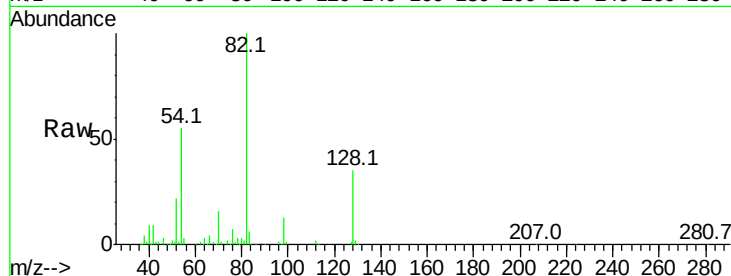




#23
Nitrobenzene-d5
Concen: 57.200 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.04 min
Lab File: BM014504.D
Acq: 06 Mar 2018 18:47

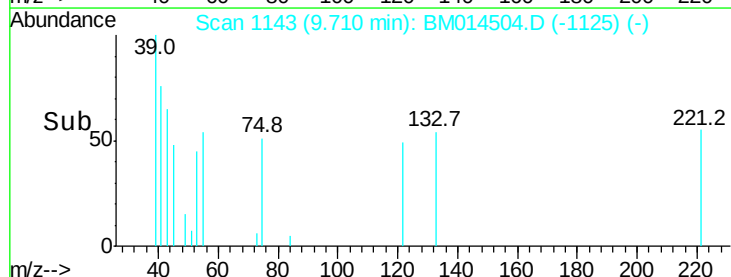
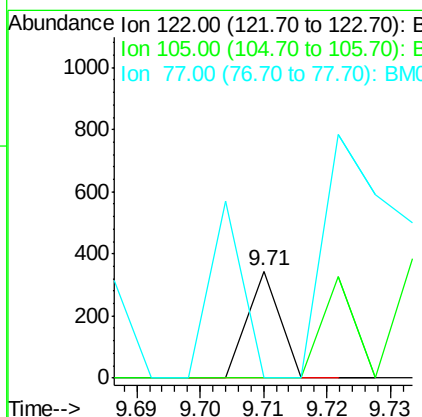
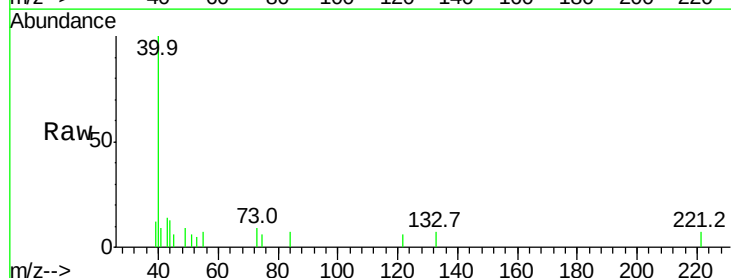
Instrument :
BNA_M
ClientSampleId :

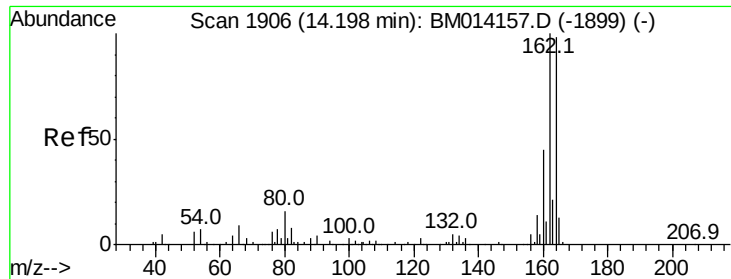
Tot Ion: 82 Resp: 472279
Ion Ratio Lower Upper
82 100
128 34.5 32.8 49.2
54 55.4 40.6 60.8



#32
Benzoic acid
Concen: 6.210 ng
RT: 9.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BM014504.D
Acq: 06 Mar 2018 18:47

Tgt Ion: 122 Resp: 121
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

Instrument :

BNA_M

ClientSampleId :

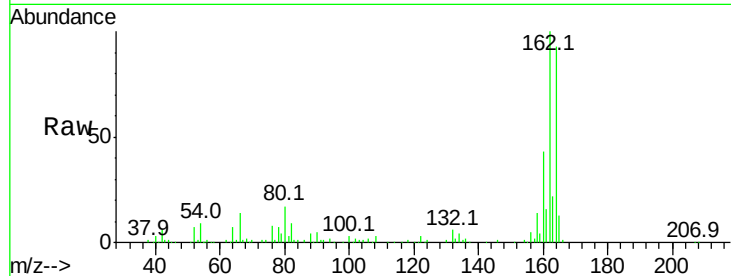
Tot Ion:164 Resp: 195889

Ion Ratio Lower Upper

164 100

162 108.0 82.4 123.6

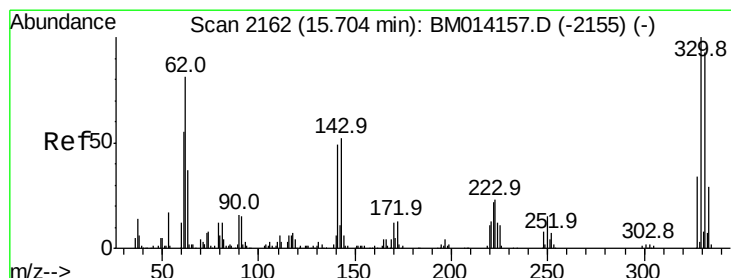
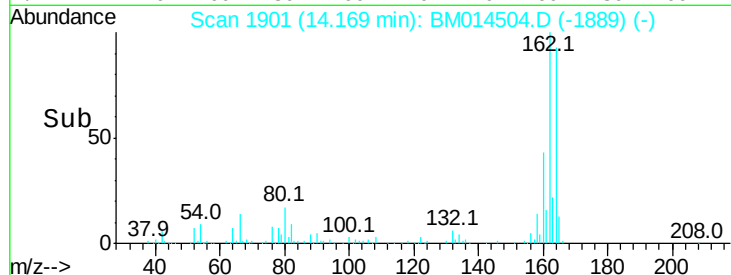
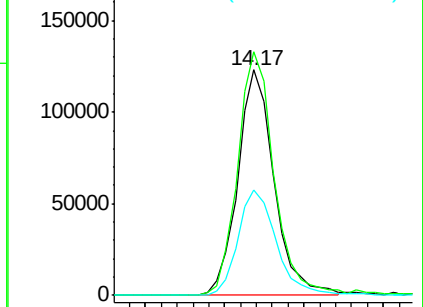
160 46.7 35.8 53.6



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: 60.974 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

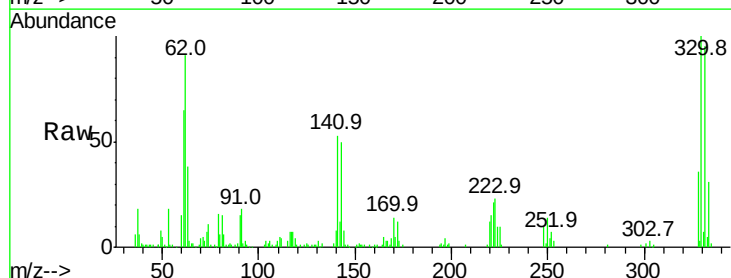
Tgt Ion:330 Resp: 169483

Ion Ratio Lower Upper

330 100

332 98.9 0.0 0.0#

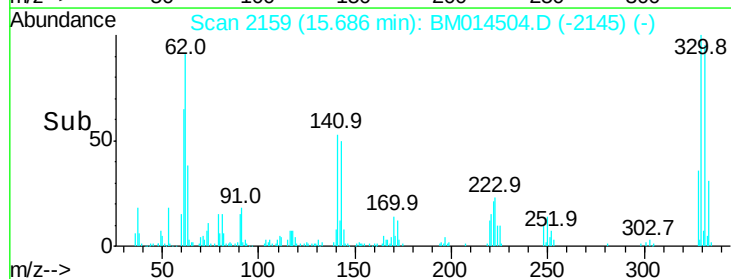
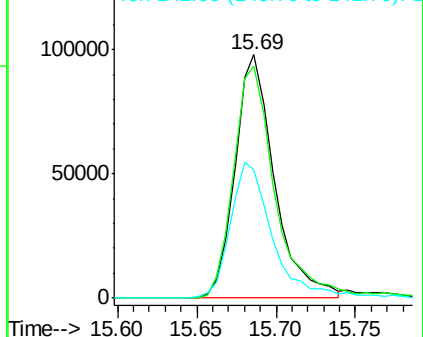
141 58.0 0.0 0.0#

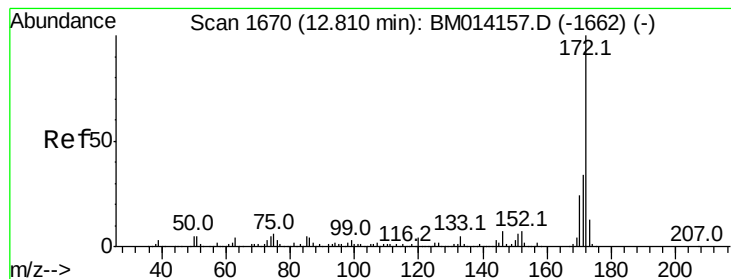


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 52.190 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.04 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

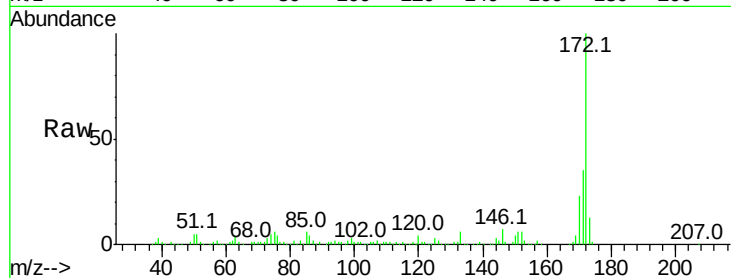
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 818987

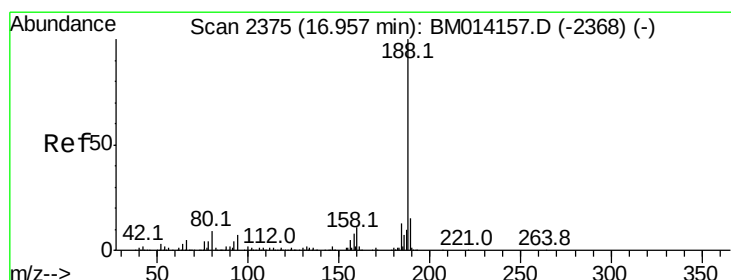
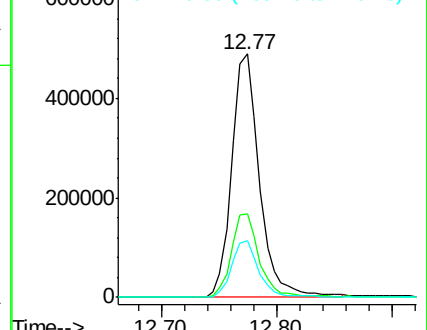
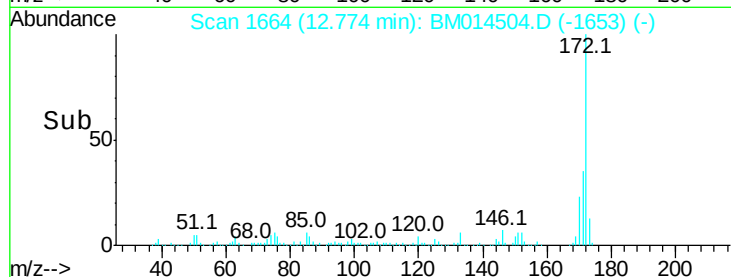
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.1	18.8	28.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.93 min Scan# 2371

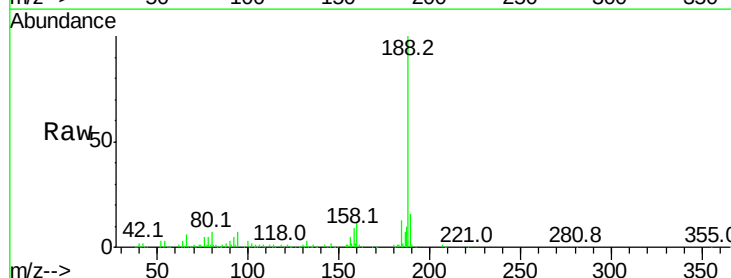
Delta R.T. -0.02 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

Tgt Ion:188 Resp: 372165

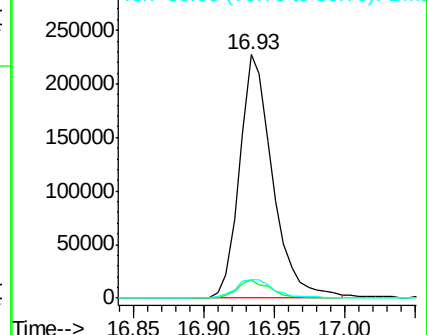
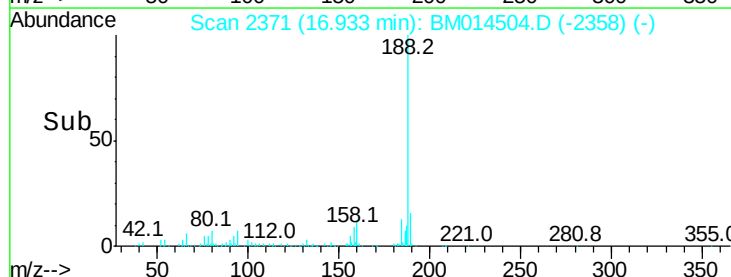
Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	7.5	9.3	13.9#

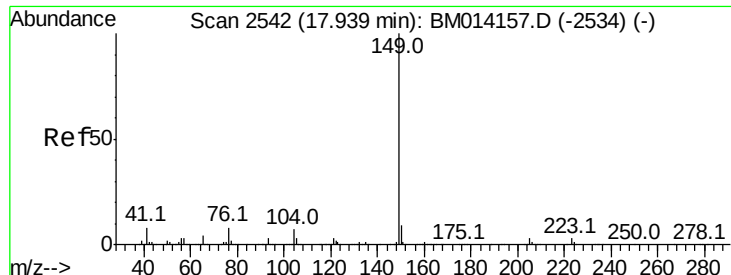


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#73

Di-n-butylphthalate

Concen: 15.518 ng

RT: 17.90 min Scan# 2536

Delta R.T. -0.04 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

Instrument :

BNA_M

ClientSampleId :

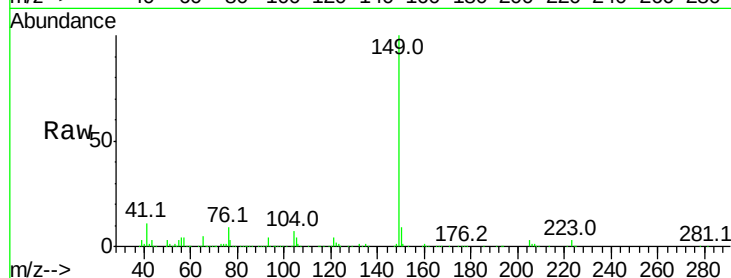
Tot Ion:149 Resp: 408346

Ion Ratio Lower Upper

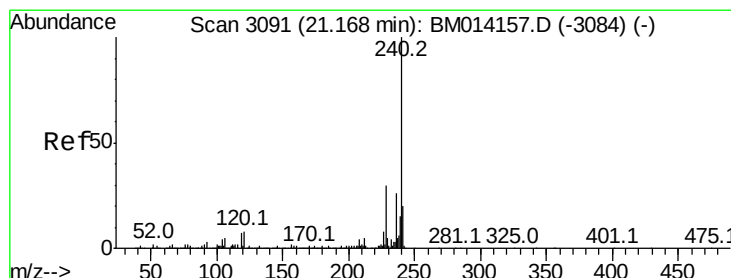
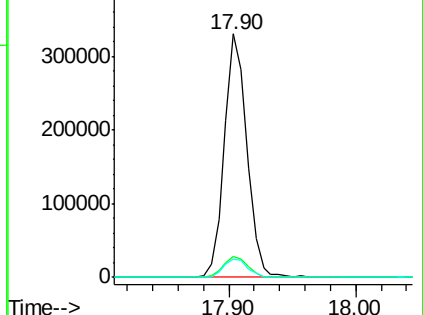
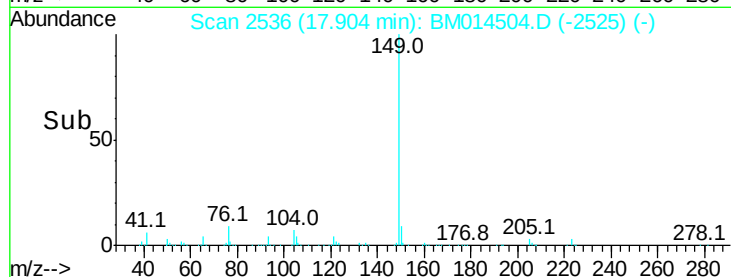
149 100

150 8.6 7.5 11.3

104 7.4 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM014504.D

Acq: 06 Mar 2018 18:47

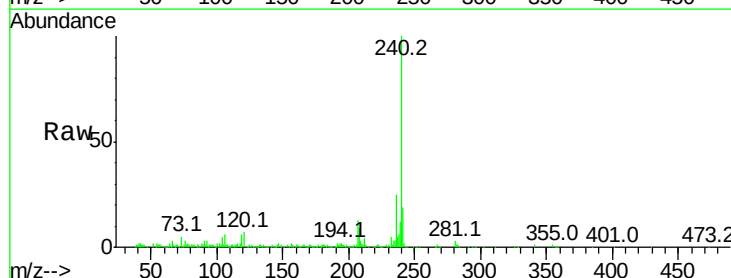
Tgt Ion:240 Resp: 355072

Ion Ratio Lower Upper

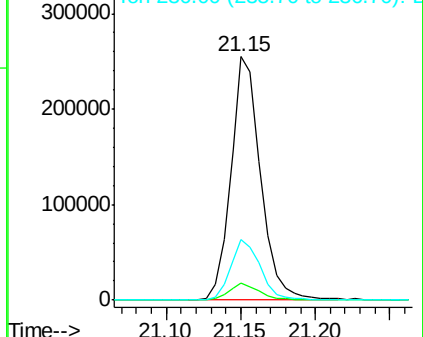
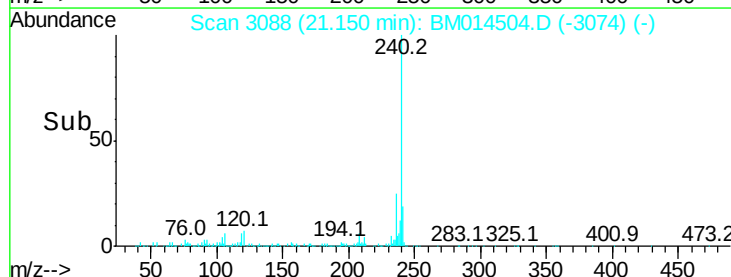
240 100

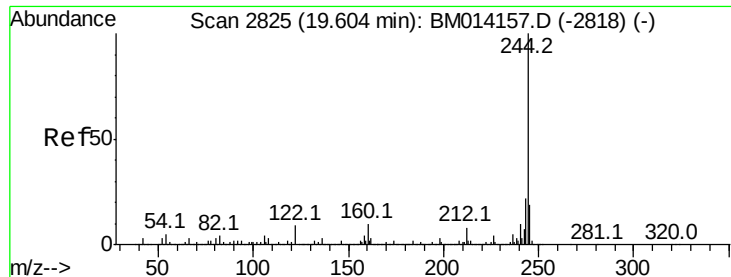
120 6.9 8.2 12.2#

236 24.7 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

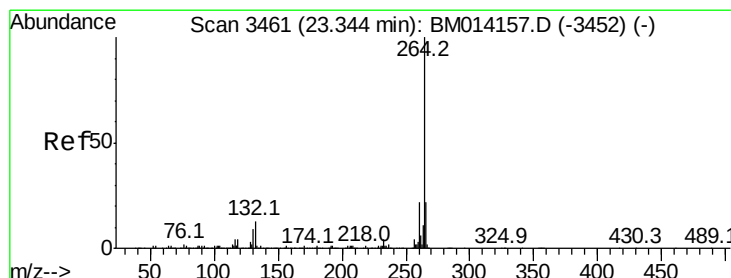
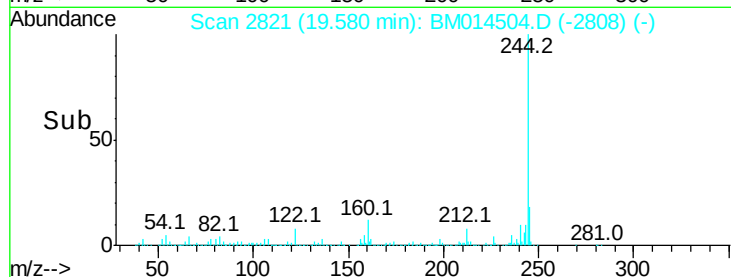
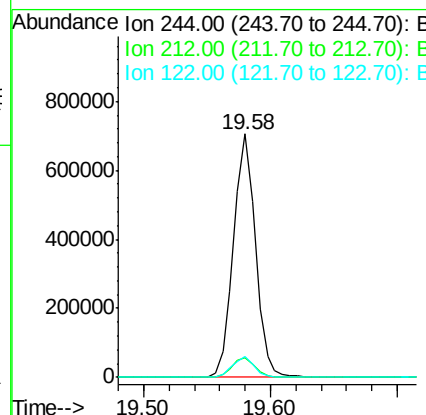
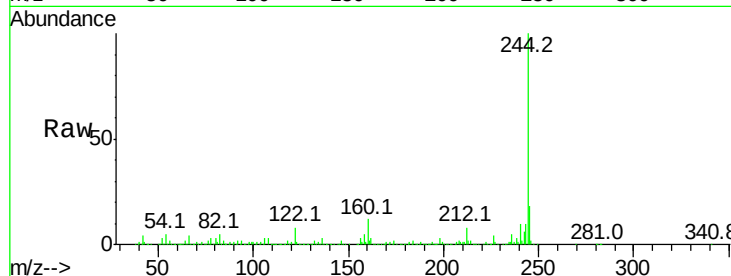




#78
 Terphenyl-d14
 Concen: 46.633 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BM014504.D
 Acq: 06 Mar 2018 18:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 847423
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.9 7.3#
 122 8.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM014504.D
 Acq: 06 Mar 2018 18:47

Tgt Ion:264 Resp: 364705
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 22.8 17.3 25.9

