

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014210.D
 Acq On : 09 Feb 2018 10:34
 Operator : SJ/JU
 Sample : PB106402BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 02:29:05 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

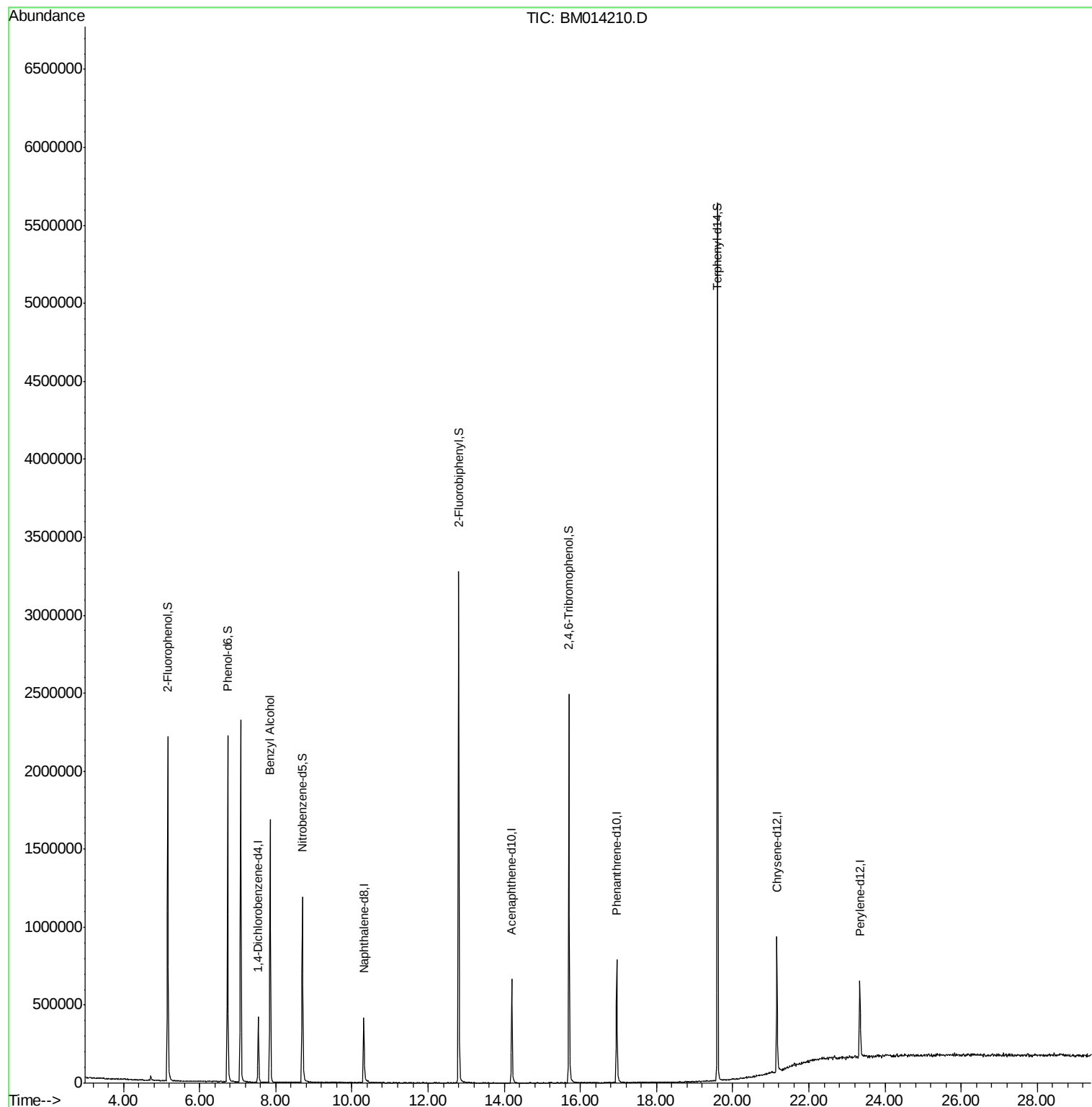
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	91104	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	341180	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	215382	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	487627	20.00	ng	0.00
75) Chrysene-d12	21.16	240	434469	20.00	ng	0.00
86) Perylene-d12	23.34	264	371375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	717445	137.26	ng	0.00
7) Phenol-d6	6.73	99	963996	130.22	ng	0.00
23) Nitrobenzene-d5	8.70	82	666435	87.25	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	339782	111.18	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1467712	85.07	ng	0.00
78) Terphenyl-d14	19.60	244	2201123	98.99	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	14378	2.10	ng	Qvalue # 32

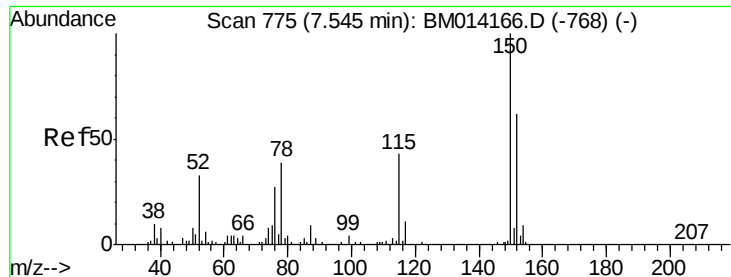
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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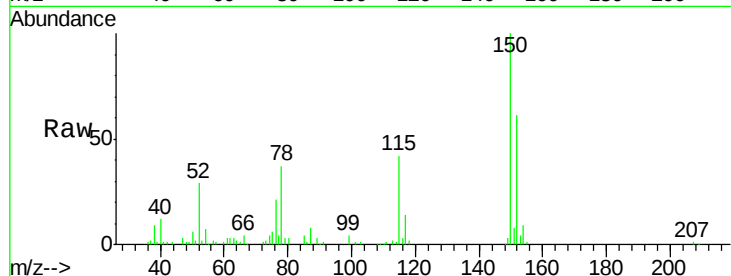


#1

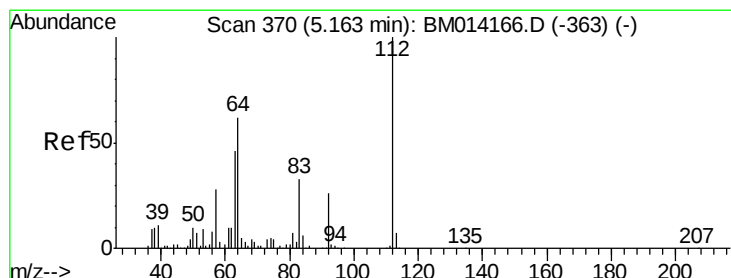
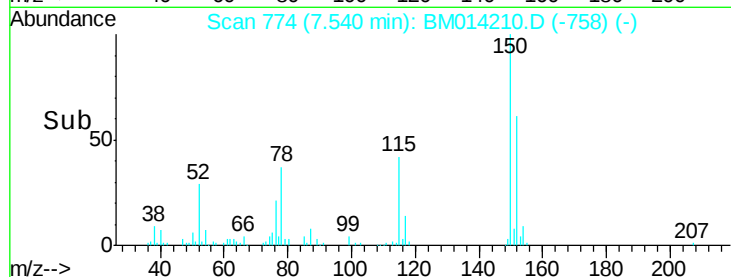
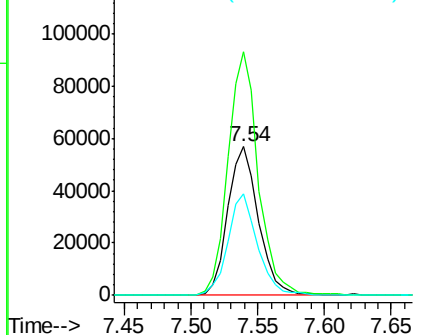
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014210.D
Acq: 09 Feb 2018 10:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	119.5	179.3
115	68.7	43.0	64.4



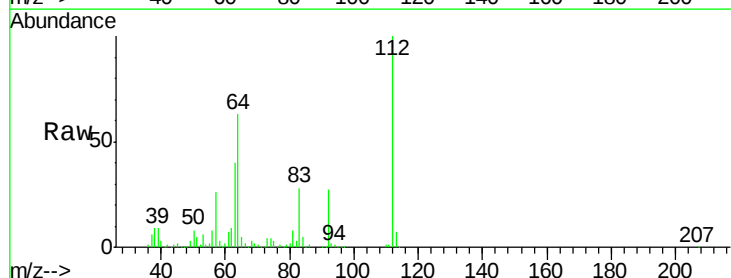
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



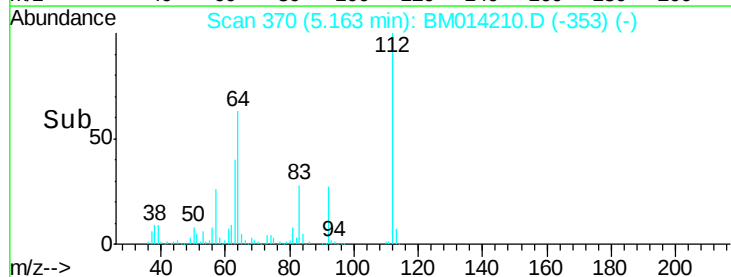
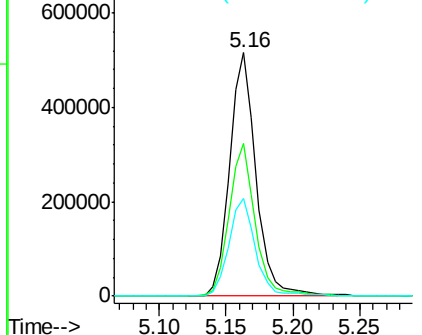
#5

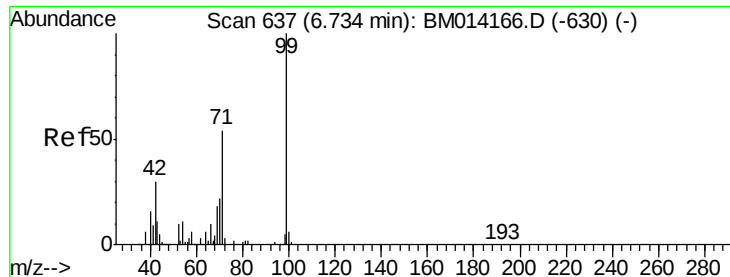
2-Fluorophenol
Concen: 137.26 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014210.D
Acq: 09 Feb 2018 10:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	38.6	57.8
63	39.9	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: 130.22 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014210.D

Acq: 09 Feb 2018 10:34

Instrument :

BNA_M

ClientSampleId :

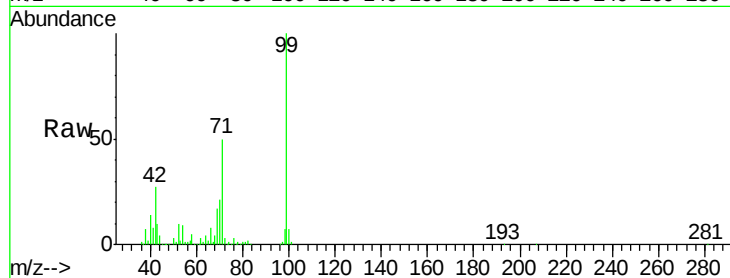
Tot Ion: 99 Resp: 963996

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

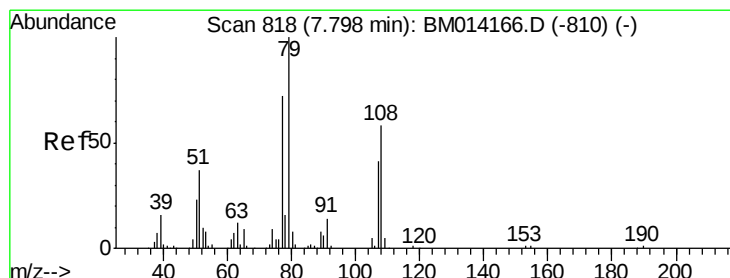
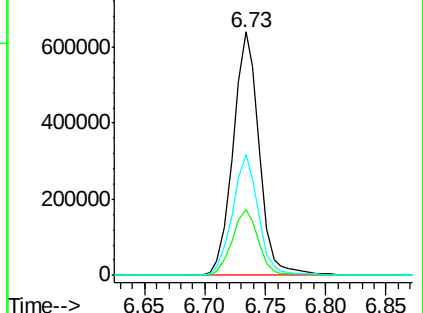
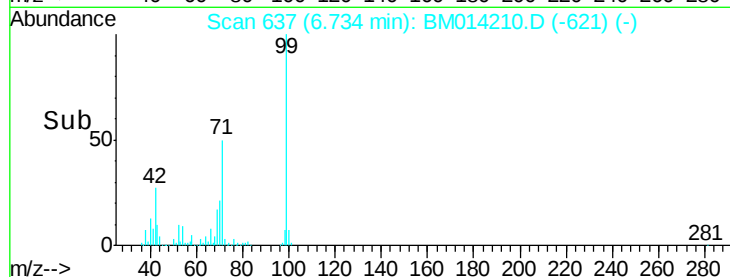
71 49.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014210.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014210.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014210.D (-621) (-)



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.85 min Scan# 827

Delta R.T. 0.05 min

Lab File: BM014210.D

Acq: 09 Feb 2018 10:34

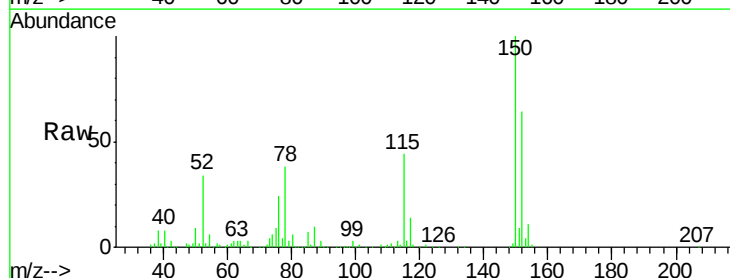
Tgt Ion: 79 Resp: 14378

Ion Ratio Lower Upper

79 100

108 40.0 65.0 97.4#

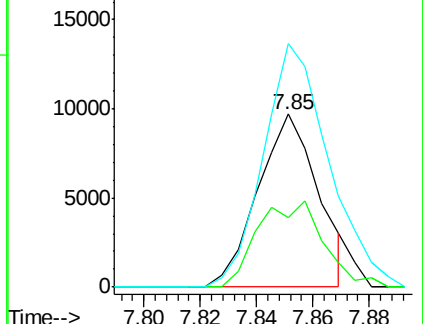
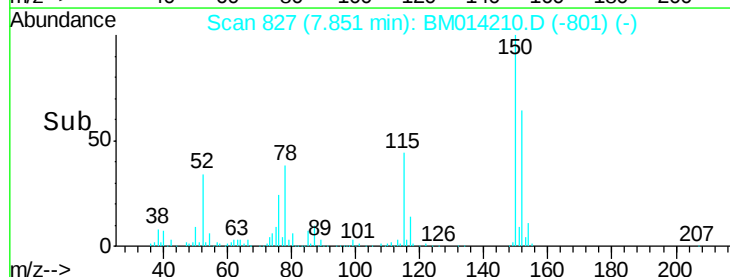
77 141.0 53.0 79.6#

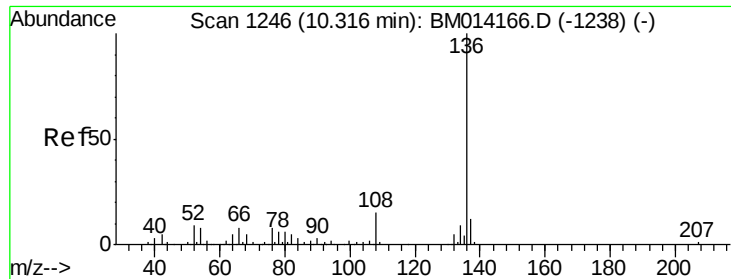


Abundance Ion 79.00 (78.70 to 79.70): BM014210.D (-801) (-)

Ion 108.00 (107.70 to 108.70): BM014210.D (-801) (-)

Ion 77.00 (76.70 to 77.70): BM014210.D (-801) (-)

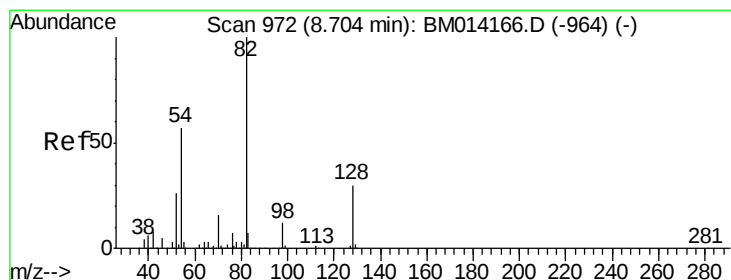
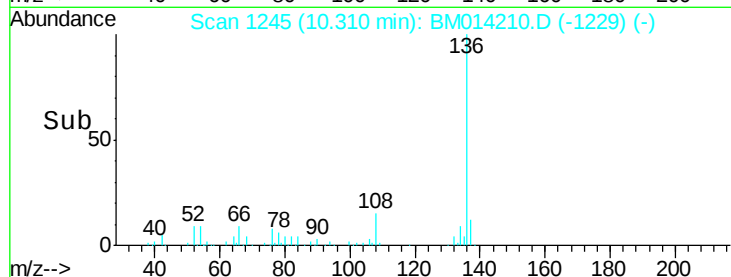
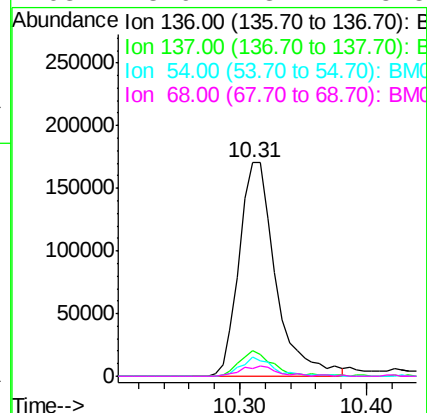
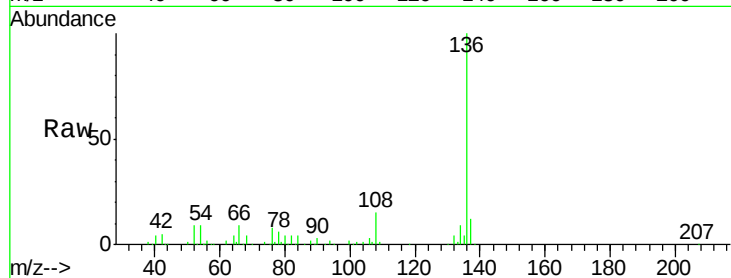




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014210.D
Acq: 09 Feb 2018 10:34

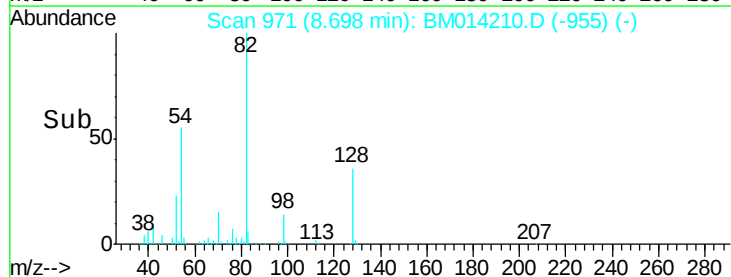
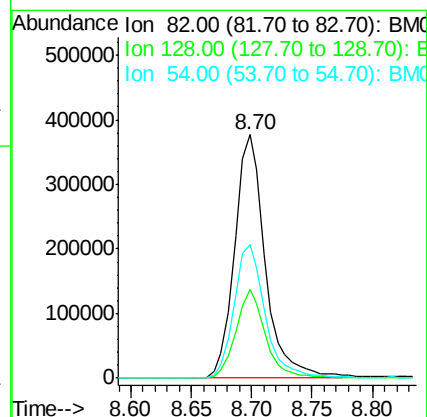
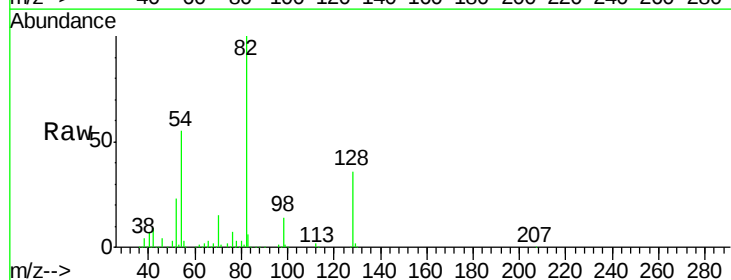
Instrument :
BNA_M
ClientSampleId :

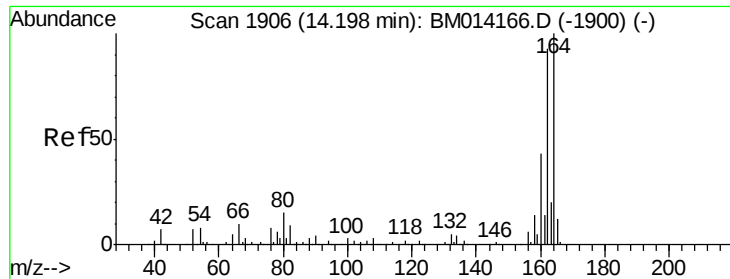
Tot Ion:136	Resp:	341180
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.7 13.1
54	9.0	4.6 6.8#
68	3.9	3.7 5.5



#23
Nitrobenzene-d5
Concen: 87.25 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014210.D
Acq: 09 Feb 2018 10:34

Tgt Ion: 82	Resp:	666435
Ion Ratio	Lower	Upper
82	100	
128	36.3	32.8 49.2
54	55.1	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM014210.D

Acq: 09 Feb 2018 10:34

Instrument :

BNA_M

ClientSampleId :

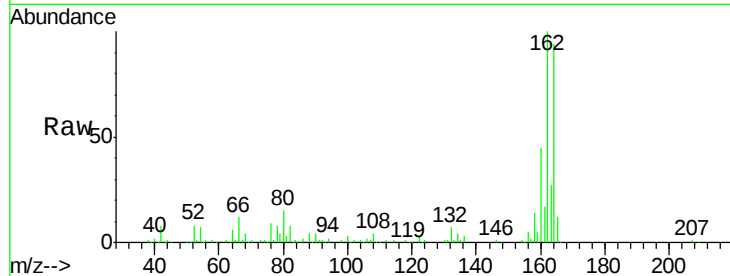
Tot Ion:164 Resp: 215382

Ion Ratio Lower Upper

164 100

162 106.0 82.4 123.6

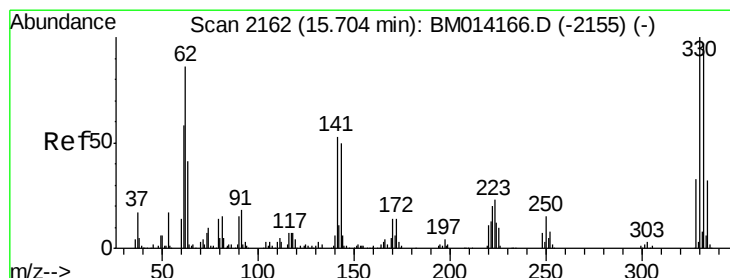
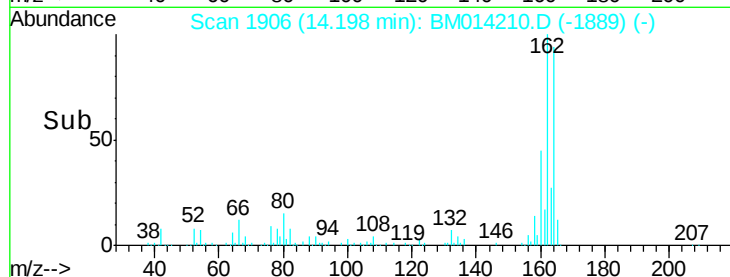
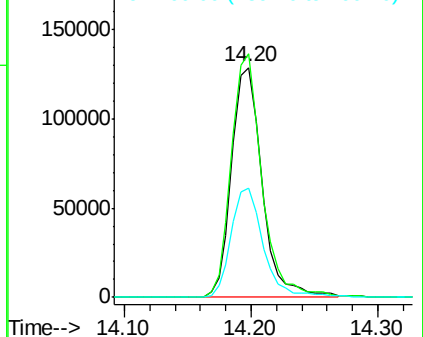
160 47.7 35.8 53.6



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: 111.18 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014210.D

Acq: 09 Feb 2018 10:34

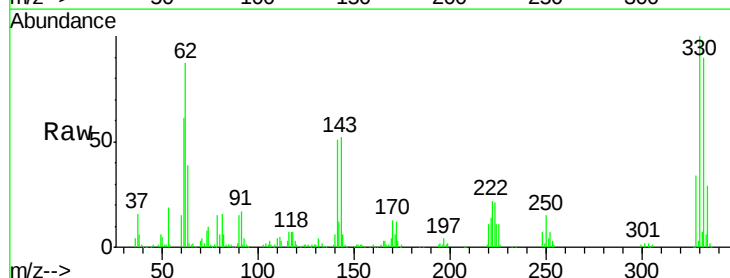
Tgt Ion:330 Resp: 339782

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

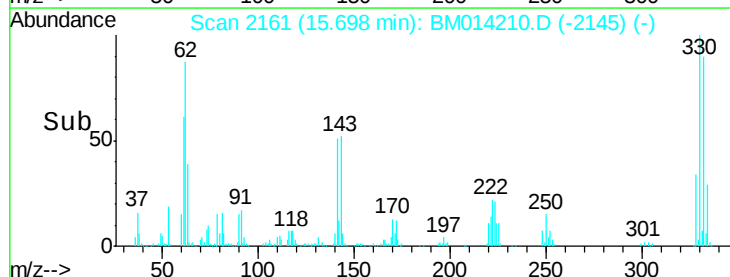
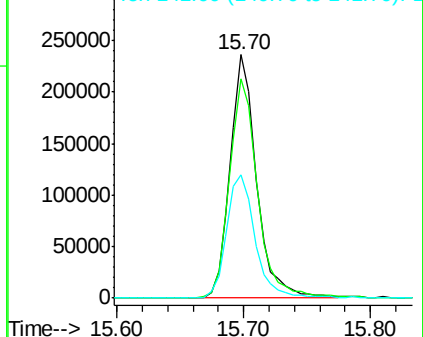
141 54.9 0.0 0.0#

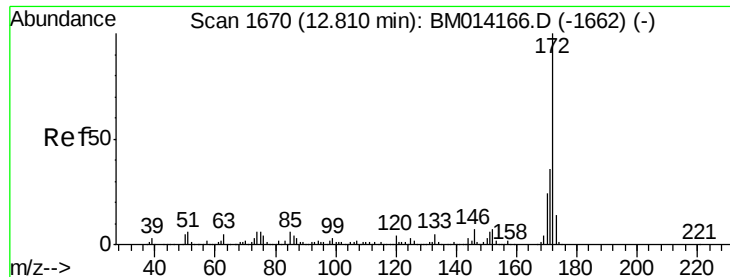


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

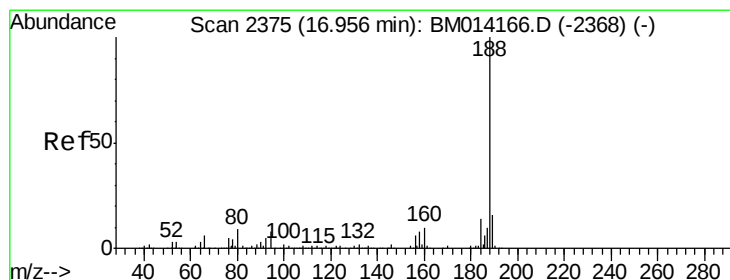
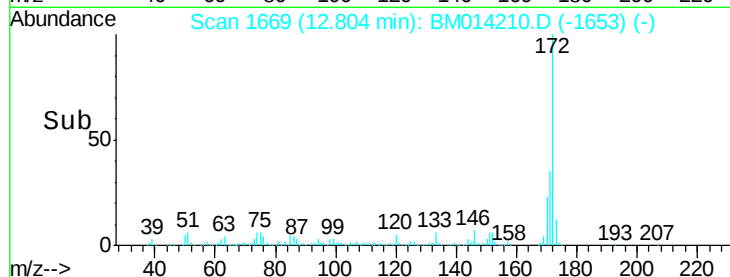
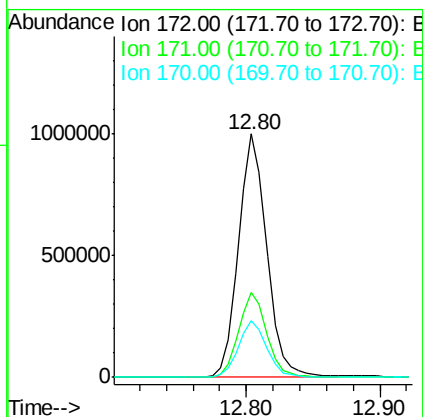
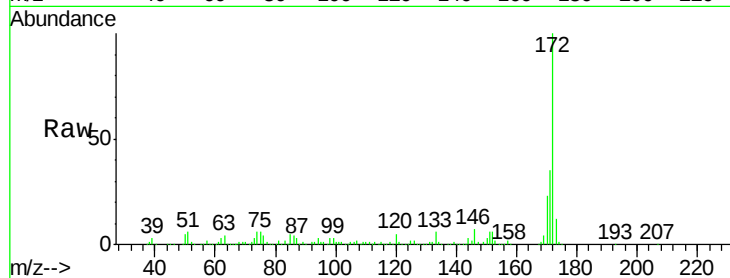




#44
2-Fluorobiphenyl
Concen: 85.07 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014210.D
Acq: 09 Feb 2018 10:34

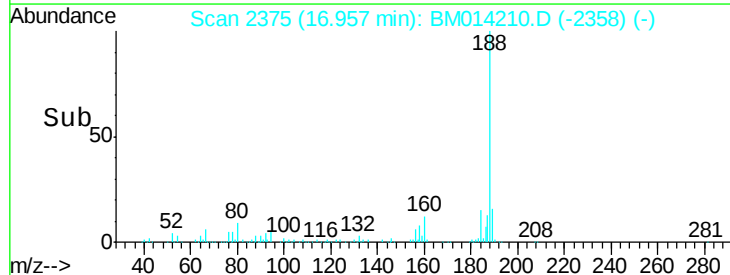
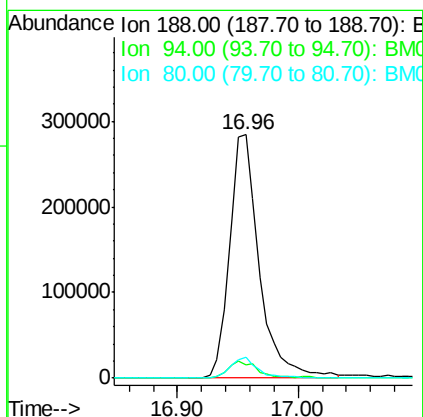
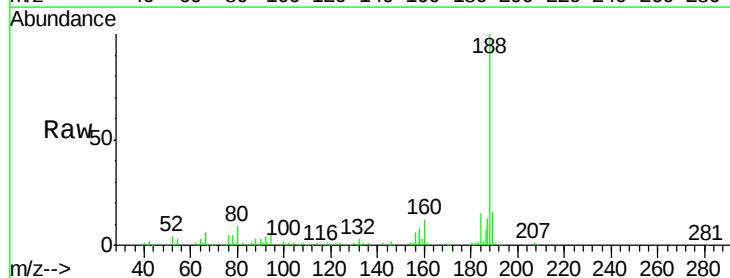
Instrument :
BNA_M
ClientSampleId :

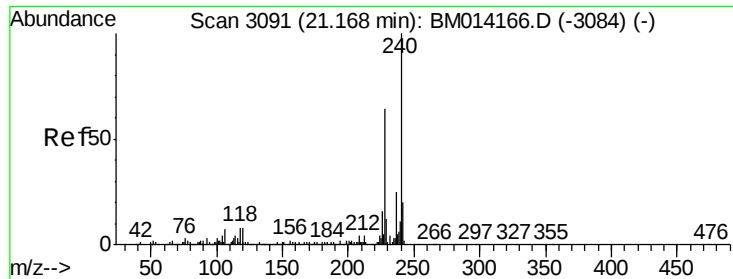
Tot Ion:172 Resp: 1467712
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.1 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014210.D
Acq: 09 Feb 2018 10:34

Tgt Ion:188 Resp: 487627
Ion Ratio Lower Upper
188 100
94 5.4 8.7 13.1#
80 8.7 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014210.D

Acq: 09 Feb 2018 10:34

Instrument :

BNA_M

ClientSampleId :

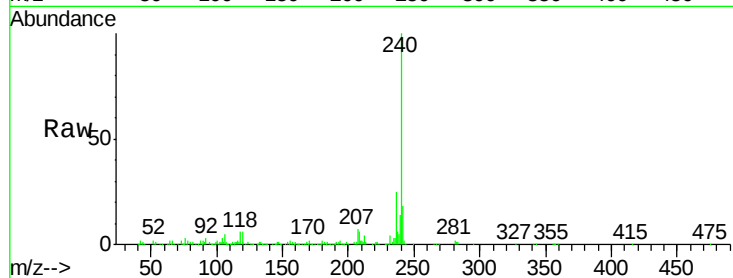
Tot Ion:240 Resp: 434469

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

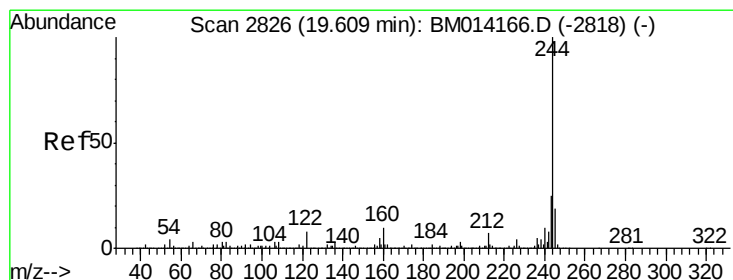
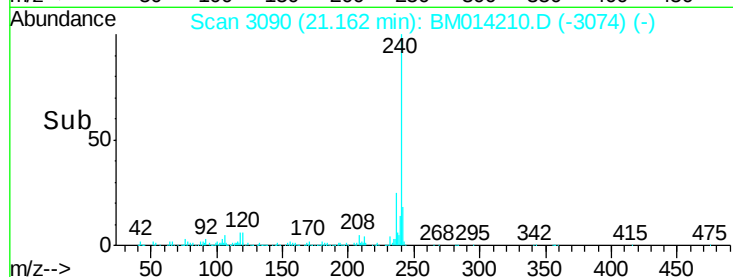
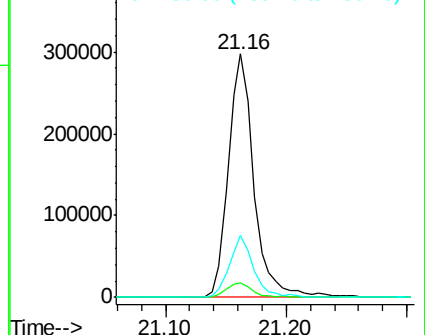
236 25.5 20.0 30.0



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: 98.99 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014210.D

Acq: 09 Feb 2018 10:34

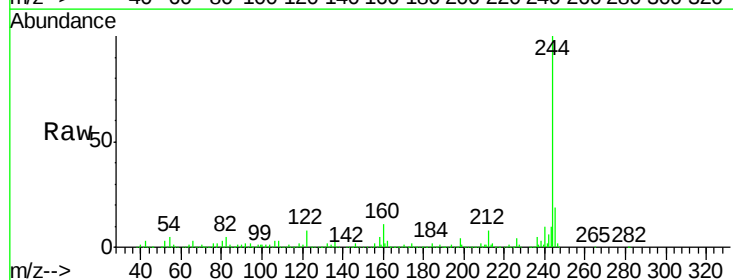
Tgt Ion:244 Resp: 2201123

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

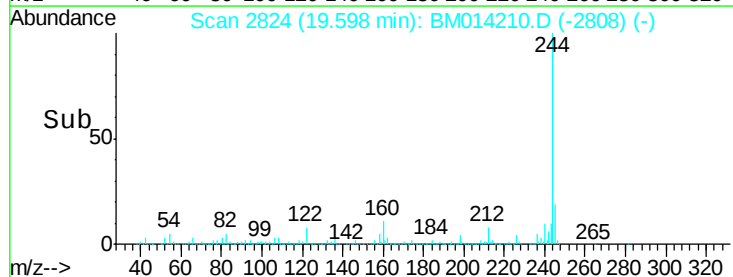
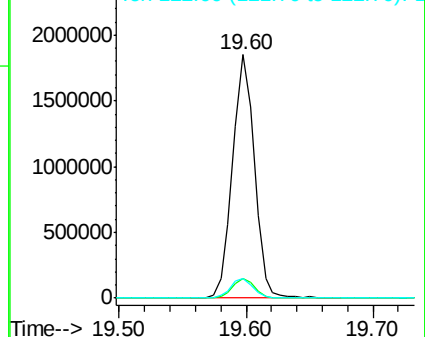
122 7.8 6.2 9.4

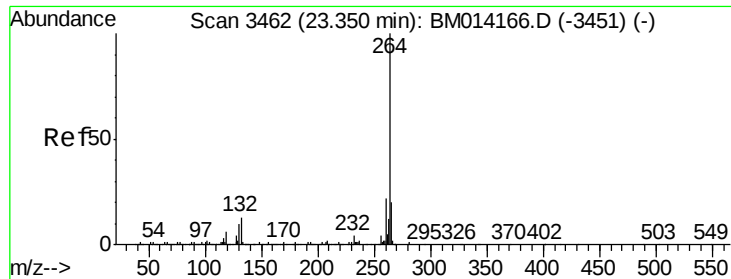


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

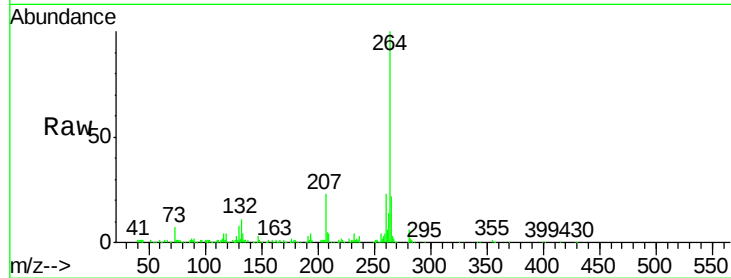




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014210.D
Acq: 09 Feb 2018 10:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	22.2	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

