

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014192.D
 Acq On : 08 Feb 2018 14:35
 Operator : SJ/JU
 Sample : J1455-4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 09 04:06:50 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

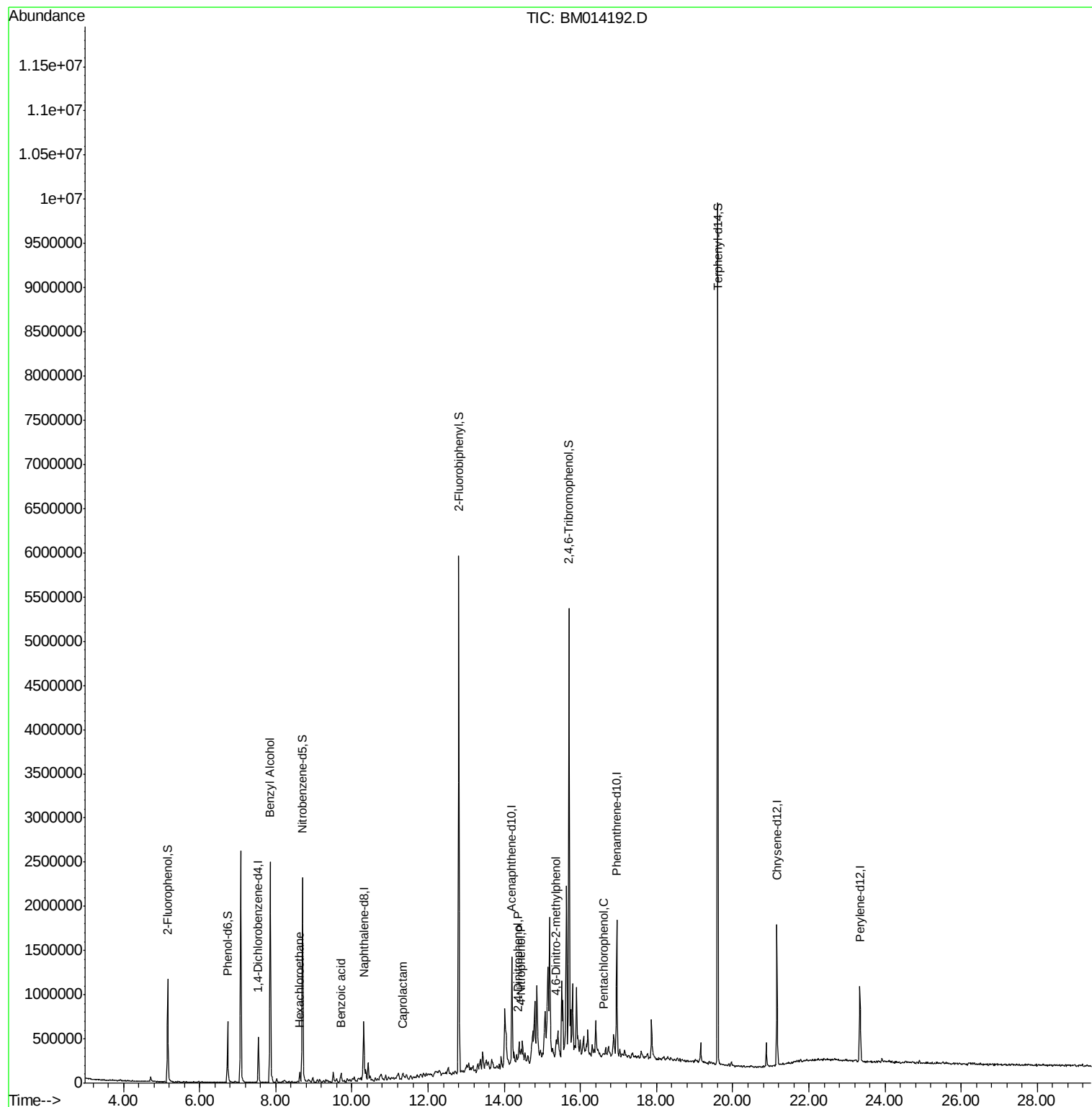
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	111533	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	465602	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	353921	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	773008	20.00	ng	0.00
75) Chrysene-d12	21.16	240	698197	20.00	ng	0.00
86) Perylene-d12	23.34	264	602816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	406001	63.45	ng	0.00
7) Phenol-d6	6.73	99	320926	35.41	ng	0.00
23) Nitrobenzene-d5	8.70	82	1078649	103.48	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	686104	136.62	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	2544706	89.75	ng	0.00
78) Terphenyl-d14	19.60	244	3973701	111.21	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	20228	2.41	ng	# 33
18) Hexachloroethane	8.63	117	23212	5.88	ng	# 39
32) Benzoic acid	9.72	122	110	6.20	ng	# 1
35) Caprolactam	11.35	113	9394	3.81	ng	90
53) 2,4-Dinitrophenol	14.36	184	243	7.73	ng	# 1
55) 4-Nitrophenol	14.43	139	342	5.85	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.36	198	1324	5.79	ng	# 1
69) Pentachlorophenol	16.62	266	149	5.96	ng	# 27

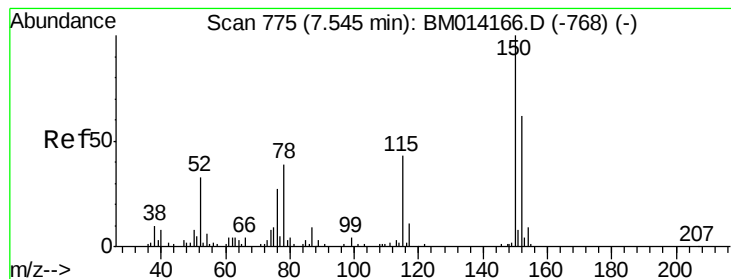
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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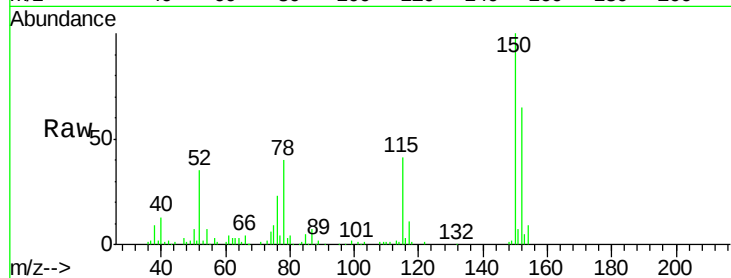


#1

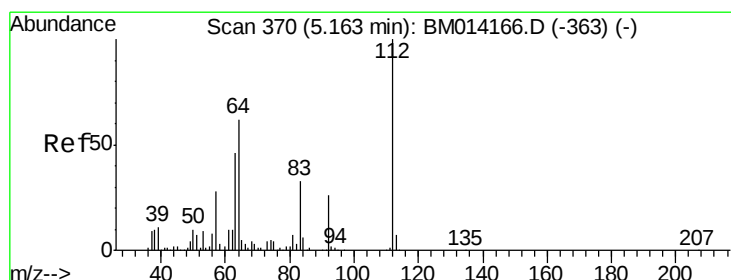
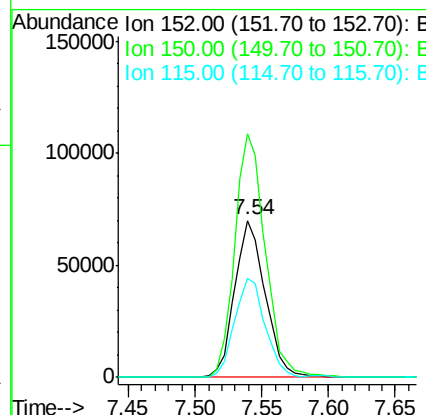
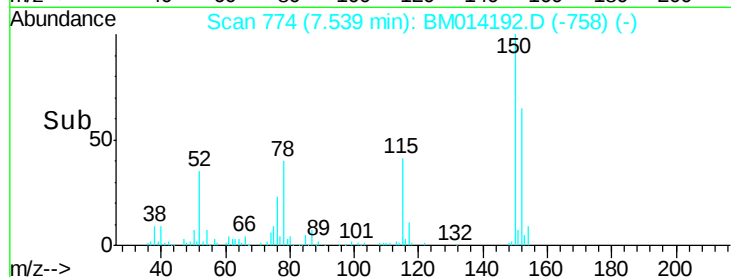
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014192.D
Acq: 08 Feb 2018 14:35

Instrument :
BNA_M
ClientSampled :

Tot Ion	152	Resp	111533
Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.5	179.3
115	63.3	43.0	64.4



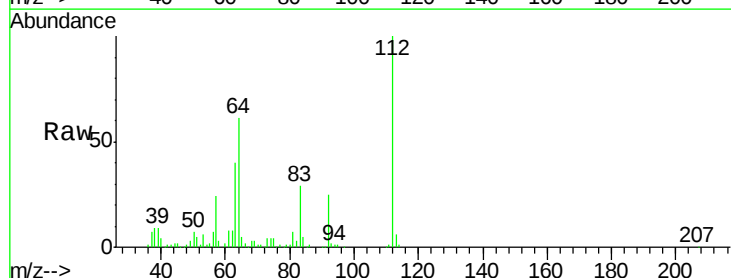
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



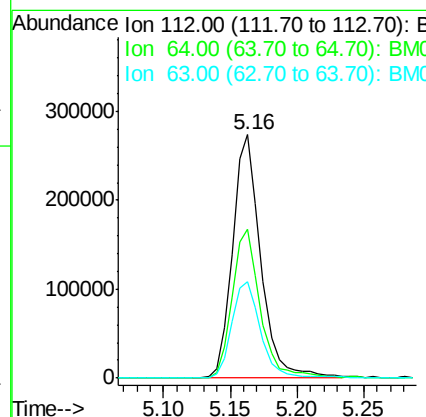
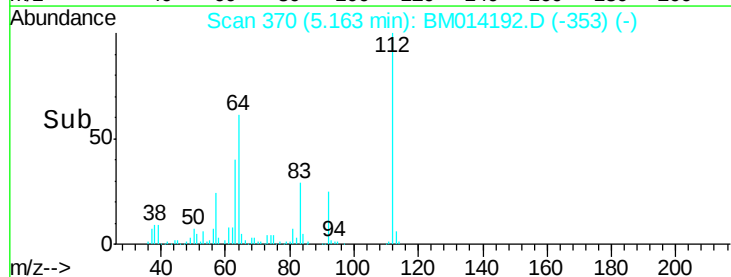
#5

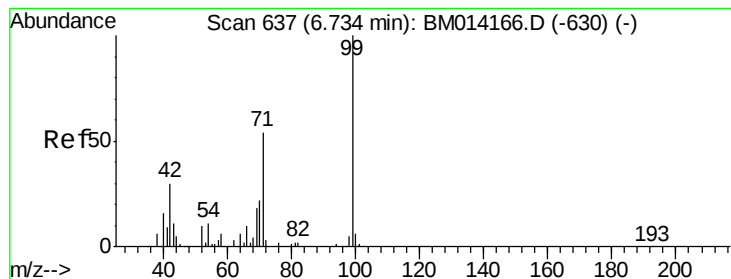
2-Fluorophenol
Concen: 63.45 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014192.D
Acq: 08 Feb 2018 14:35

Tgt Ion	112	Resp	406001
Ion	Ratio	Lower	Upper
112	100		
64	60.9	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: 35.41 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014192.D

Acq: 08 Feb 2018 14:35

Instrument :

BNA_M

ClientSampled :

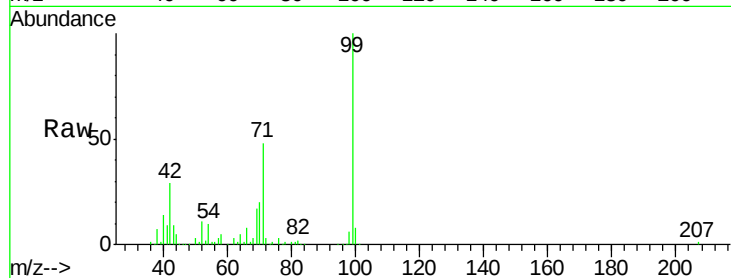
Tot Ion: 99 Resp: 320926

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

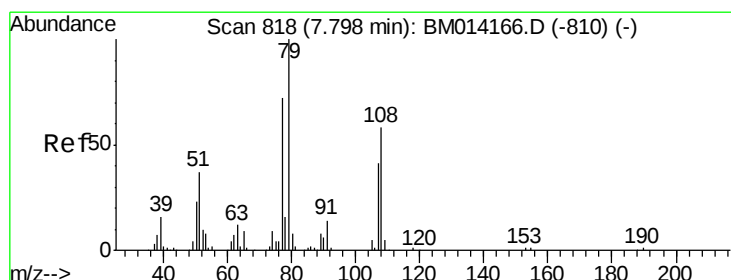
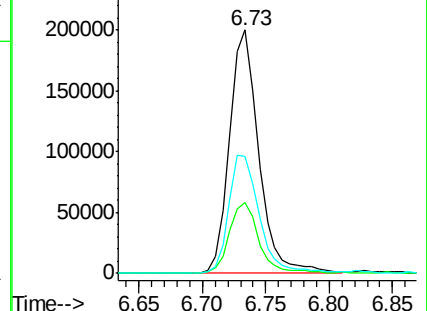
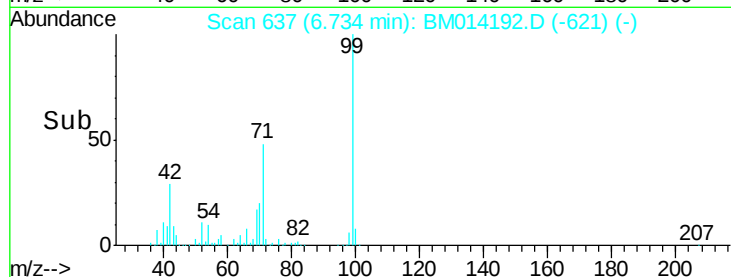
71 48.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 7.85 min Scan# 827

Delta R.T. 0.05 min

Lab File: BM014192.D

Acq: 08 Feb 2018 14:35

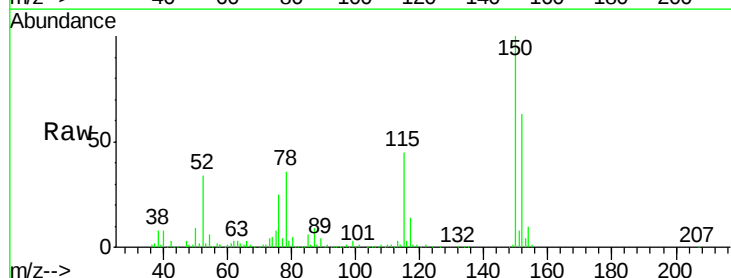
Tgt Ion: 79 Resp: 20228

Ion Ratio Lower Upper

79 100

108 57.7 65.0 97.4#

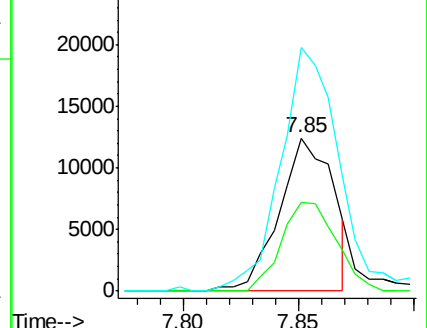
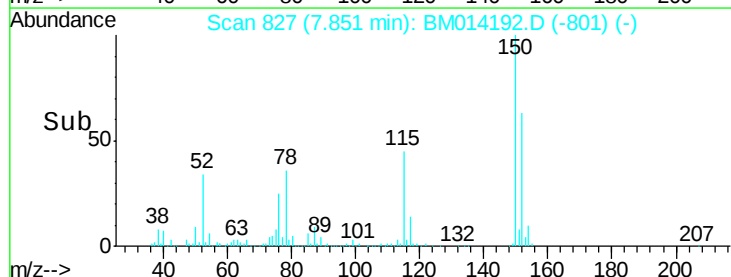
77 159.1 53.0 79.6#

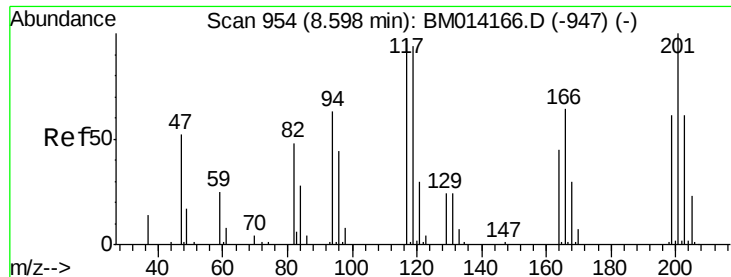


Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014166.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-810) (-)

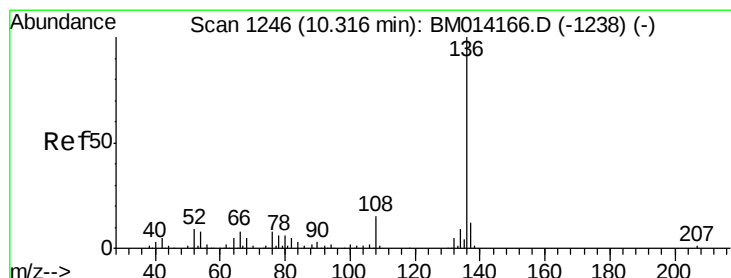
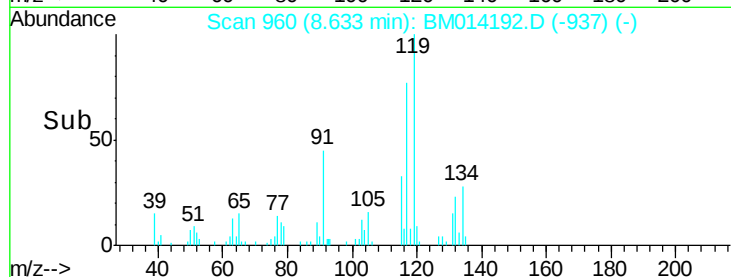
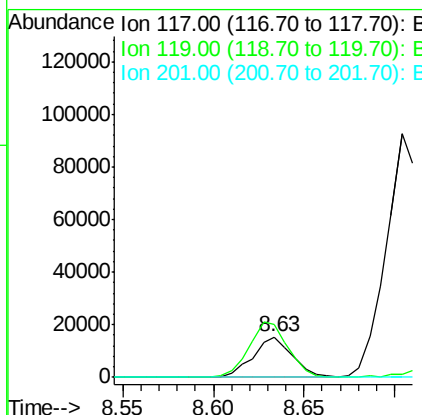
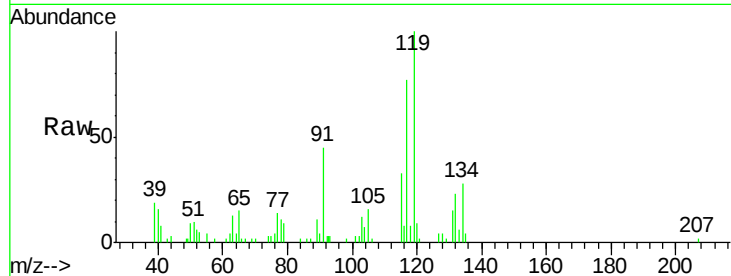




#18
Hexachloroethane
Concen: 5.88 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.04 min
Lab File: BM014192.D
Acq: 08 Feb 2018 14:35

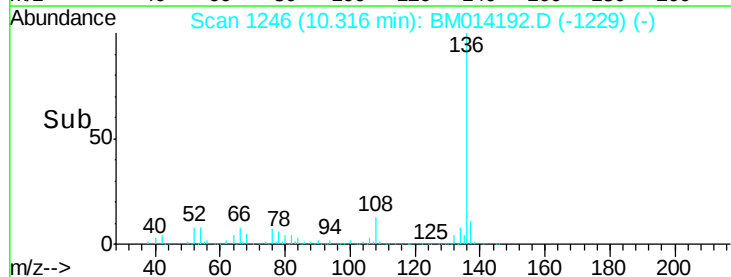
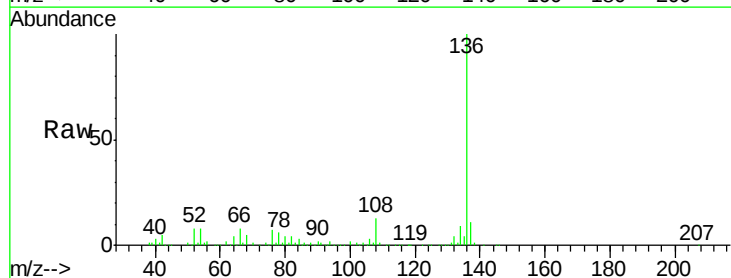
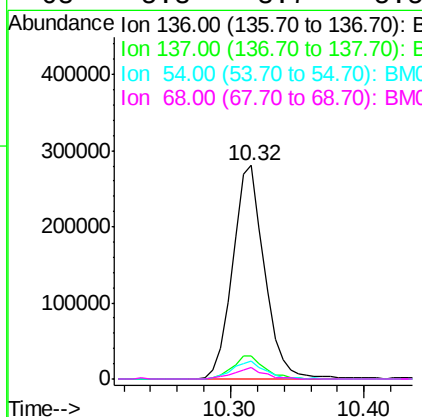
Instrument :
BNA_M
ClientSampleId :

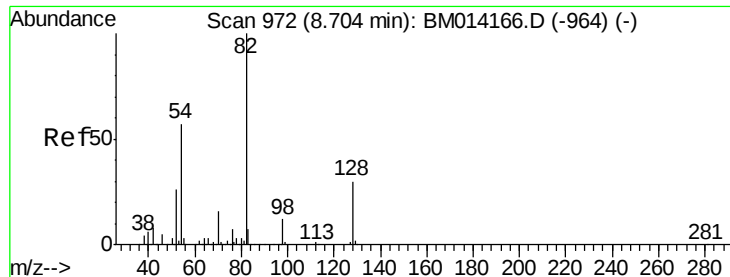
Tot Ion:117 Resp: 23212
Ion Ratio Lower Upper
117 100
119 130.3 79.2 118.8#
201 0.0 69.8 104.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014192.D
Acq: 08 Feb 2018 14:35

Tgt Ion:136 Resp: 465602
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.1 4.6 6.8#
68 5.3 3.7 5.5

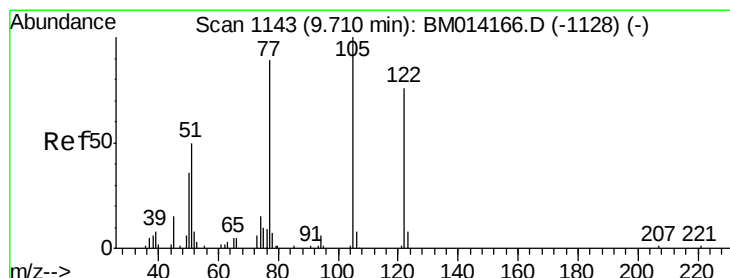
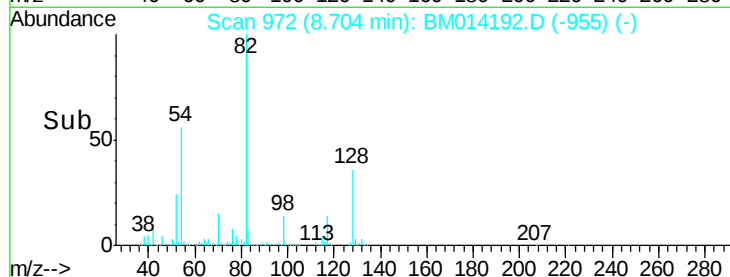
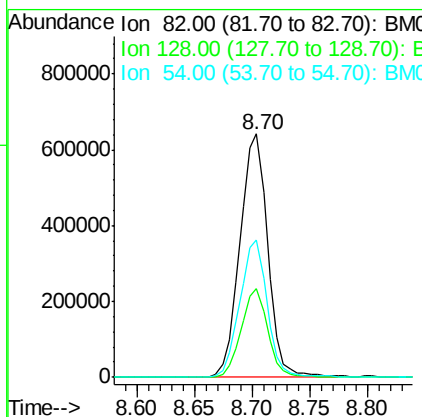
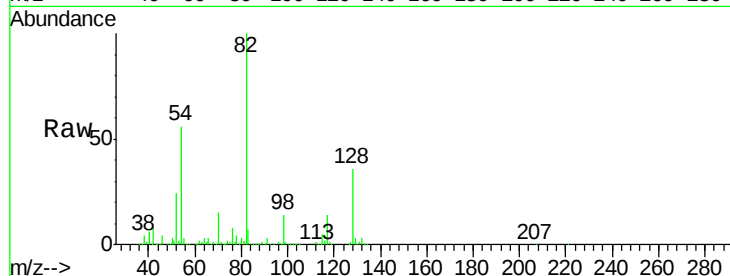




#23
 Nitrobenzene-d5
 Concen: 103.48 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

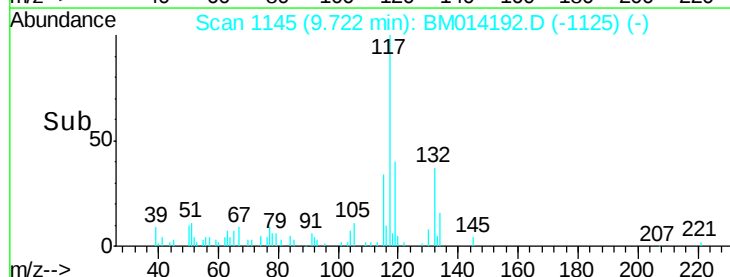
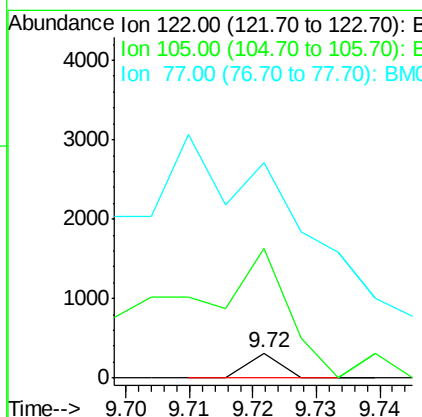
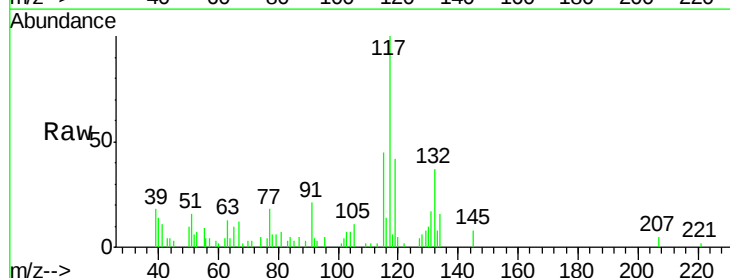
Instrument :
 BNA_M
 ClientSampleId :

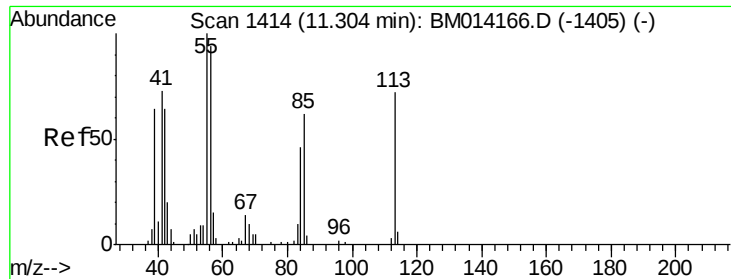
Tot Ion: 82 Resp: 1078649
 Ion Ratio Lower Upper
 82 100
 128 36.2 32.8 49.2
 54 56.3 40.6 60.8



#32
 Benzoic acid
 Concen: 6.20 ng
 RT: 9.72 min Scan# 1145
 Delta R.T. 0.02 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

Tgt Ion:122 Resp: 110
 Ion Ratio Lower Upper
 122 100
 105 523.3 99.9 139.9#
 77 865.2 73.7 113.7#





#35

Caprolactam

Concen: 3.81 ng

RT: 11.35 min Scan# 1421

Delta R.T. 0.05 min

Lab File: BM014192.D

Acq: 08 Feb 2018 14:35

Instrument :

BNA_M

ClientSampled :

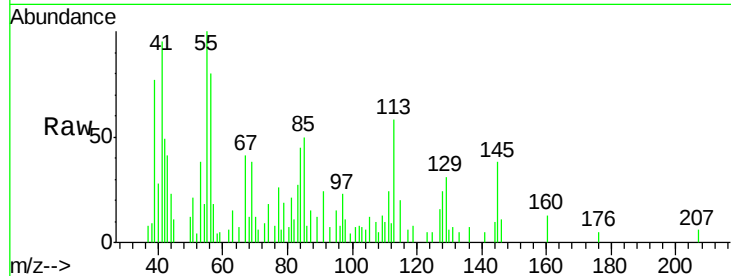
Tot Ion:113 Resp: 9394

Ion Ratio Lower Upper

113 100

55 173.4 145.9 185.9

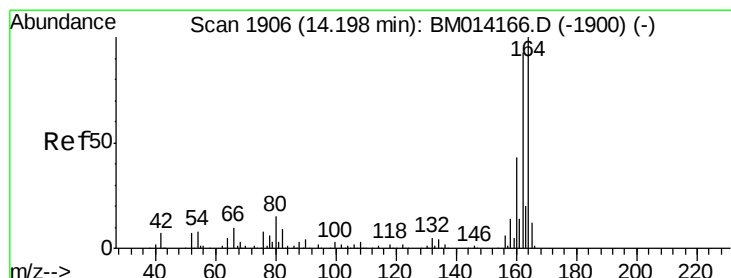
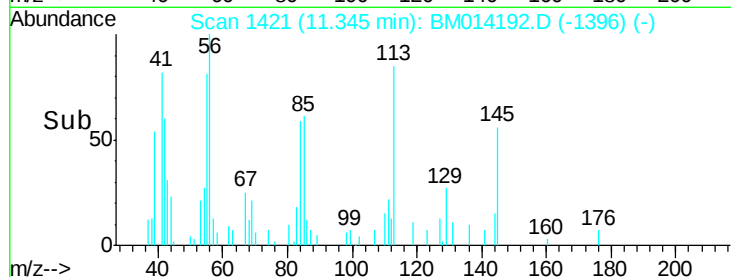
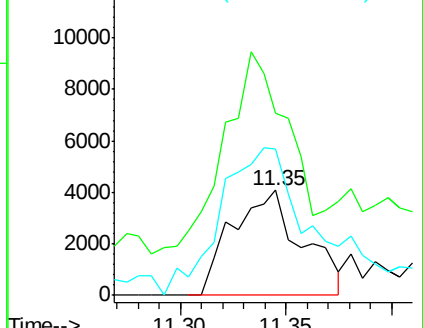
56 138.9 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM014192.D

Acq: 08 Feb 2018 14:35

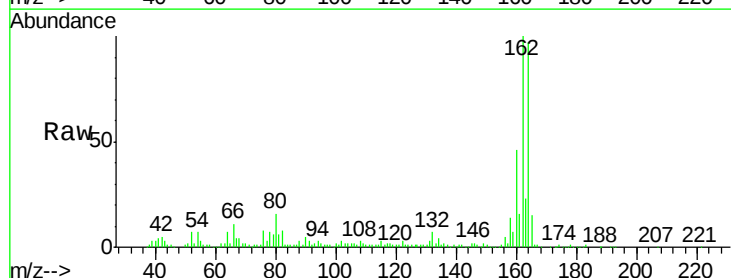
Tgt Ion:164 Resp: 353921

Ion Ratio Lower Upper

164 100

162 103.3 82.4 123.6

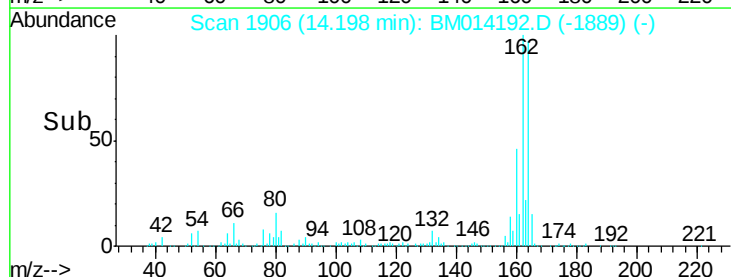
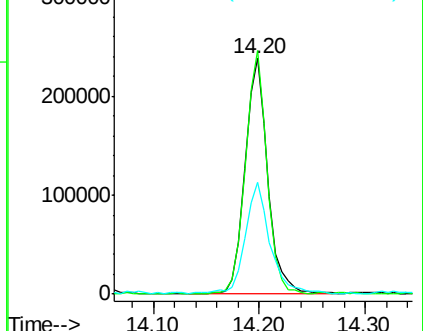
160 47.3 35.8 53.6

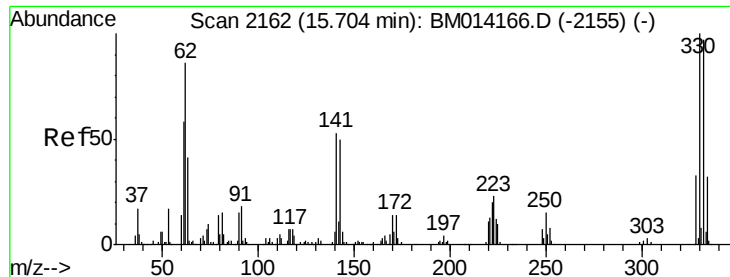


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

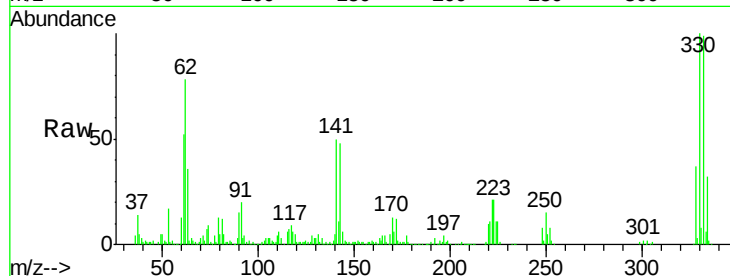




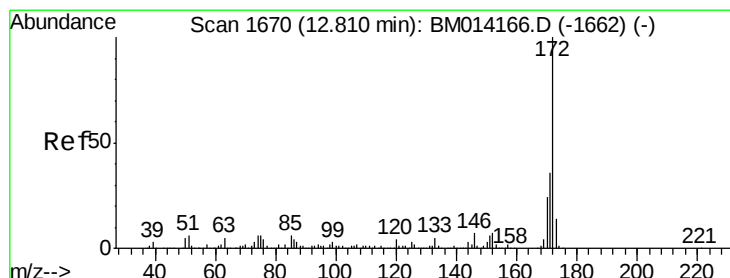
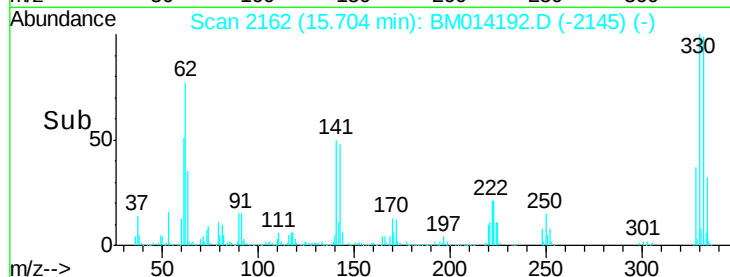
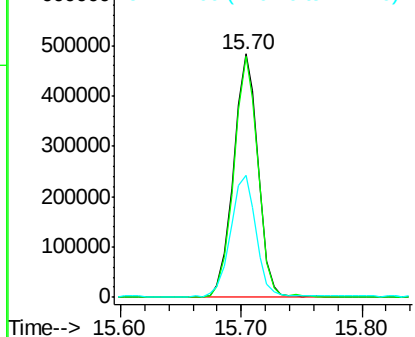
#41
 2,4,6-Tribromophenol
 Concen: 136.62 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	52.0	0.0	0.0#

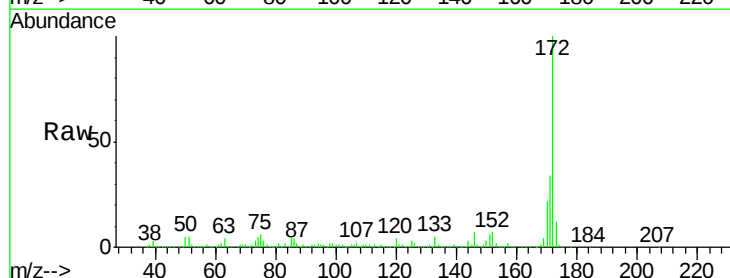


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

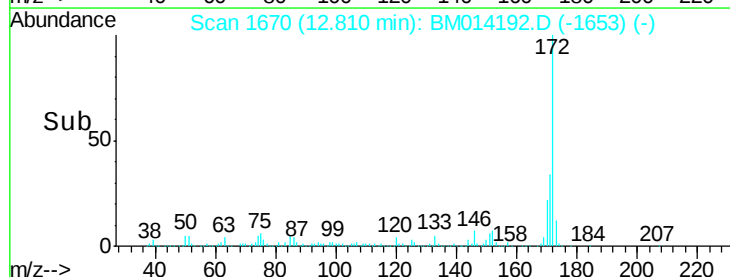
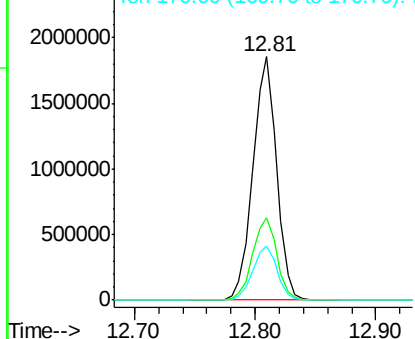


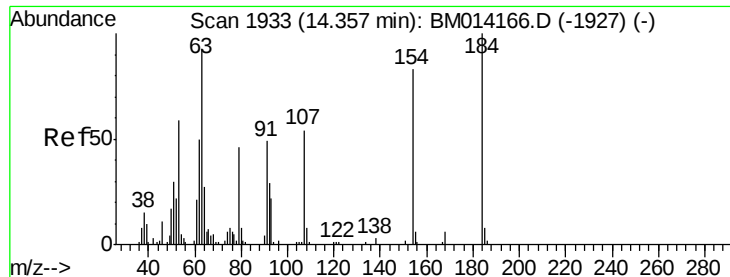
#44
 2-Fluorobiphenyl
 Concen: 89.75 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	22.3	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

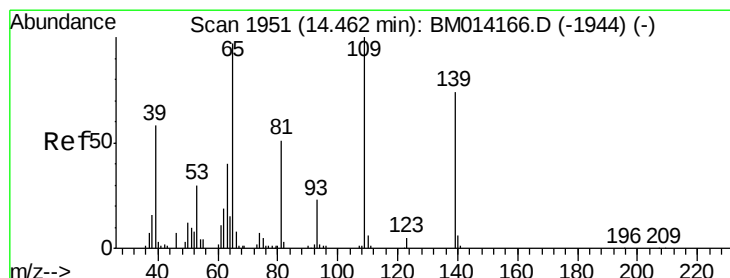
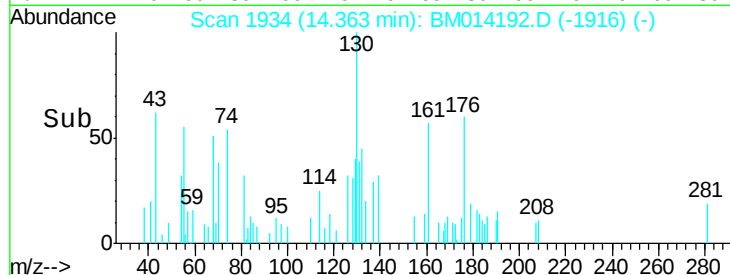
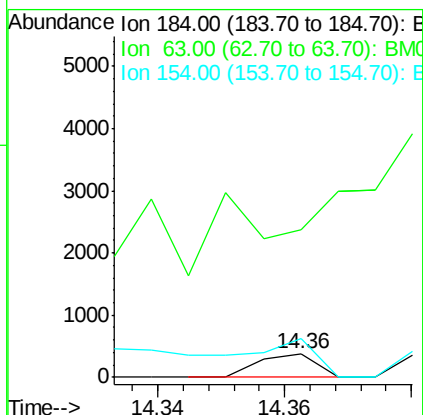
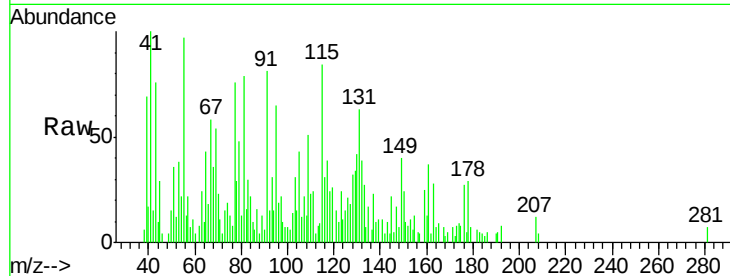




#53
2,4-Dinitrophenol
Concen: 7.73 ng
RT: 14.36 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BM014192.D
Acq: 08 Feb 2018 14:35

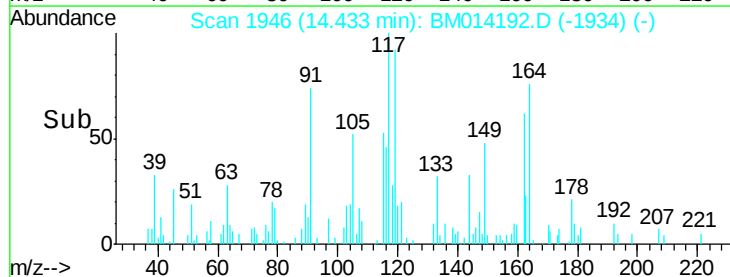
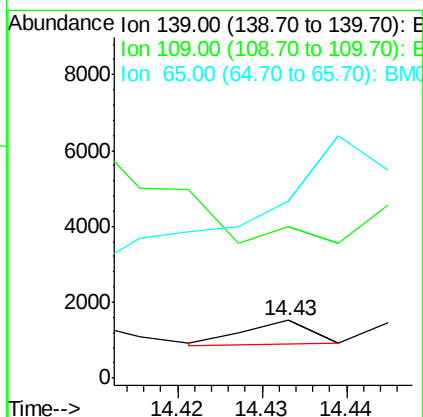
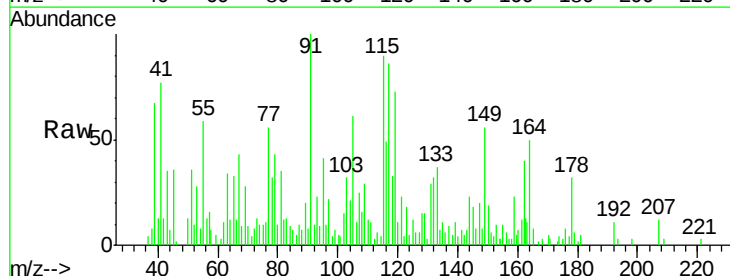
Instrument :
BNA_M
ClientSampleId :

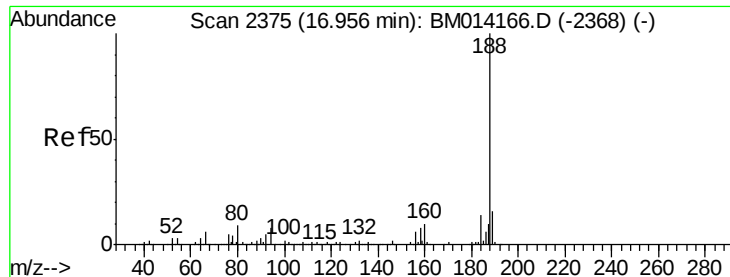
Tot Ion:184 Resp: 243
Ion Ratio Lower Upper
184 100
63 619.9 69.2 103.8#
154 162.3 53.3 79.9#



#55
4-Nitrophenol
Concen: 5.85 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.03 min
Lab File: BM014192.D
Acq: 08 Feb 2018 14:35

Tgt Ion:139 Resp: 342
Ion Ratio Lower Upper
139 100
109 264.3 130.0 170.0#
65 308.1 130.0 170.0#

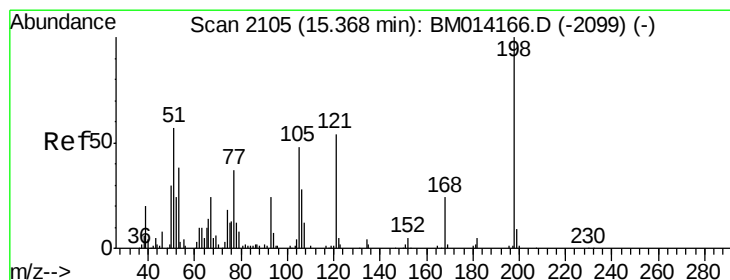
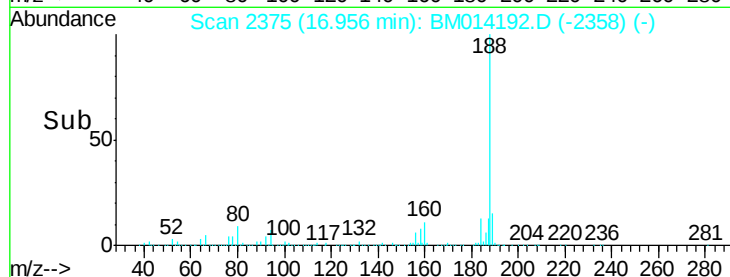
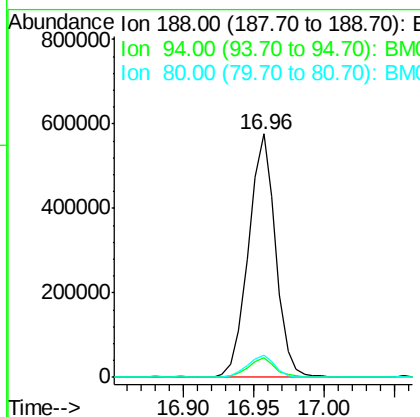
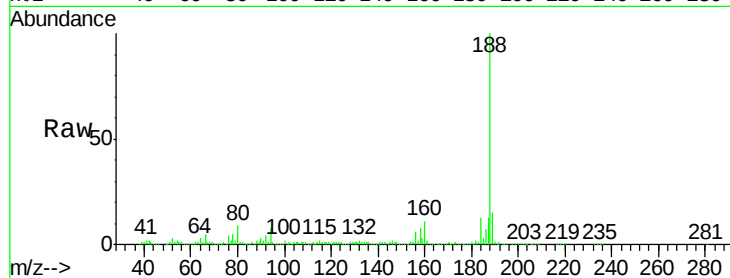




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

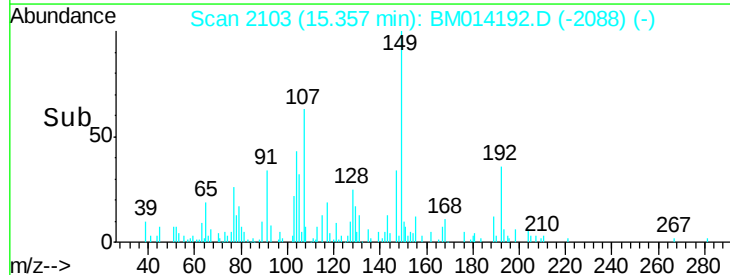
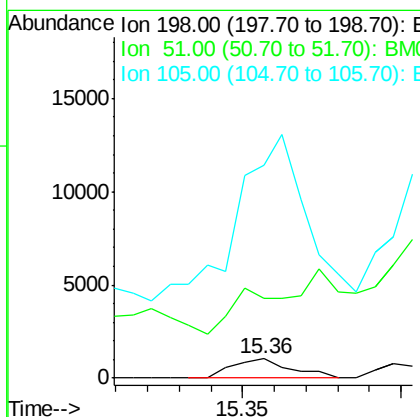
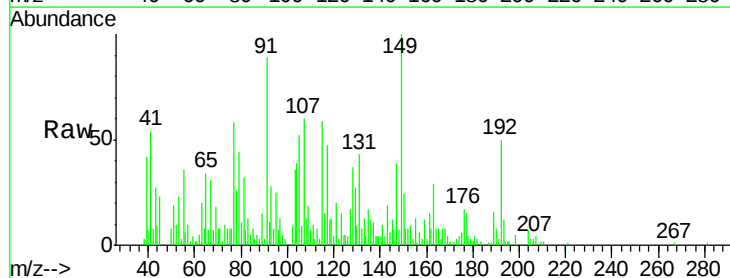
Instrument :
 BNA_M
 ClientSampleId :

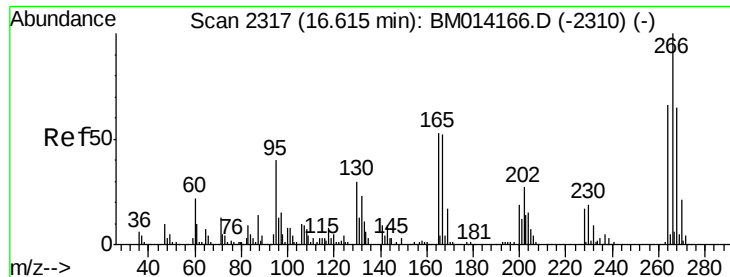
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.7	13.1#
80	9.2	9.3	13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.79 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	410.4	28.8	68.8#
105	1090.7	30.5	70.5#

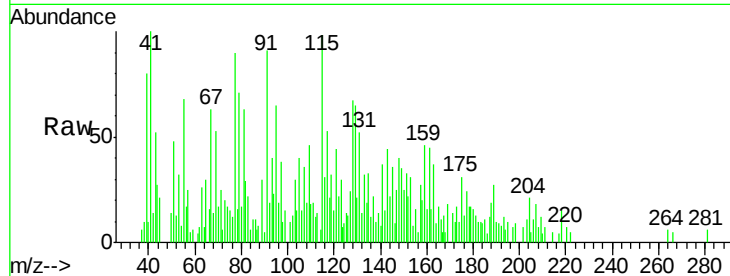




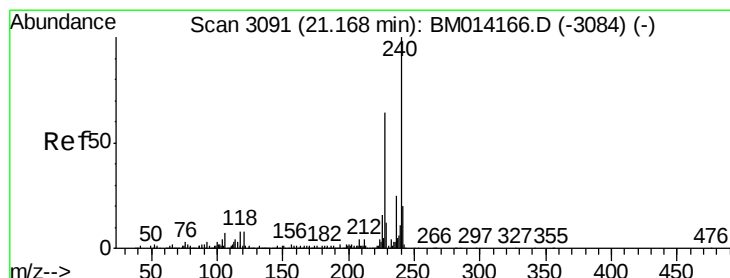
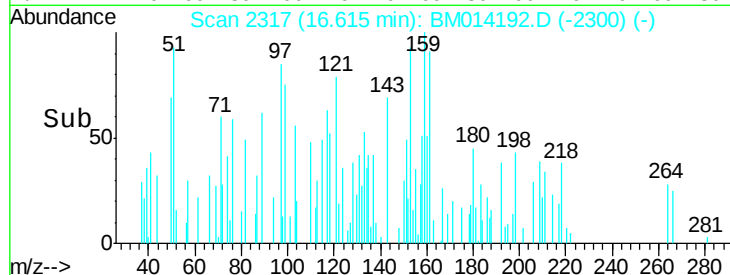
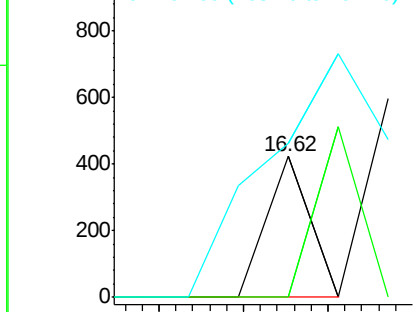
#69
 Pentachlorophenol
 Concen: 5.96 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 149
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.0 78.0#
 264 110.0 49.0 73.4#

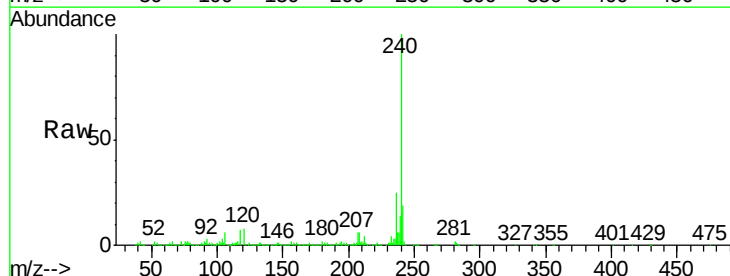


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

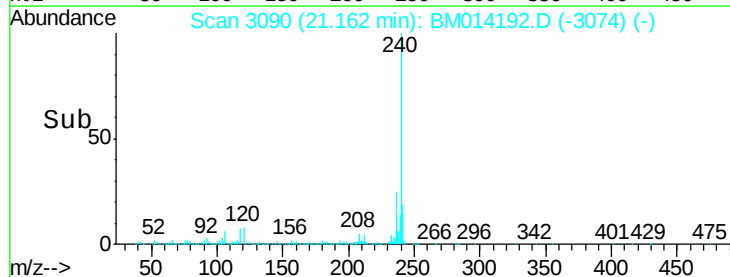
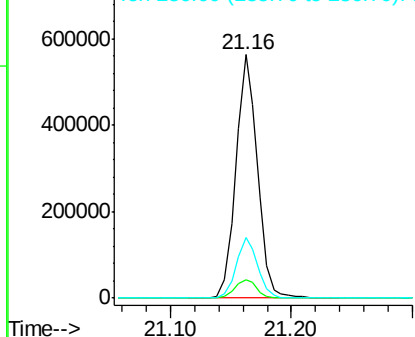


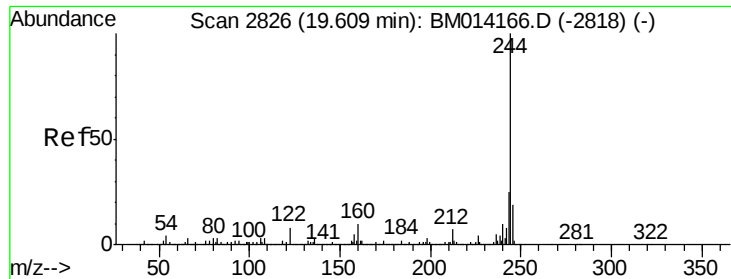
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM014192.D
 Acq: 08 Feb 2018 14:35

Tgt Ion:240 Resp: 698197
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.2 12.2#
 236 25.1 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: 111.21 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014192.D

Acq: 08 Feb 2018 14:35

Instrument :

BNA_M

ClientSampleId :

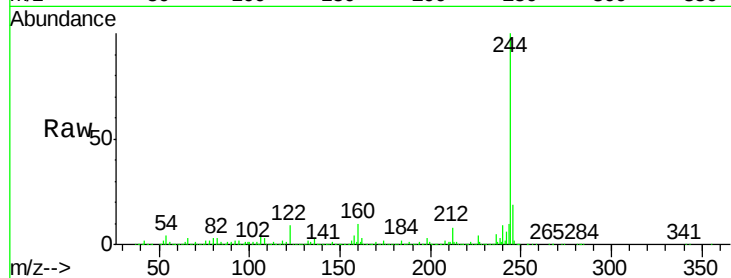
Tot Ion:244 Resp: 3973701

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

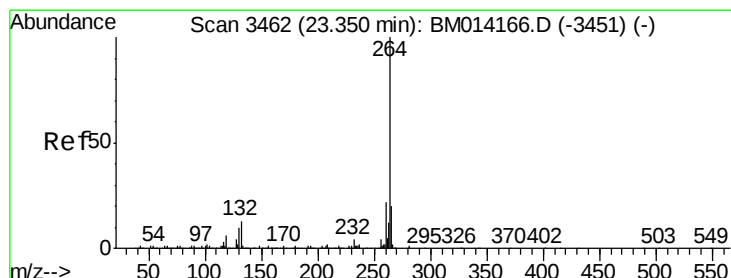
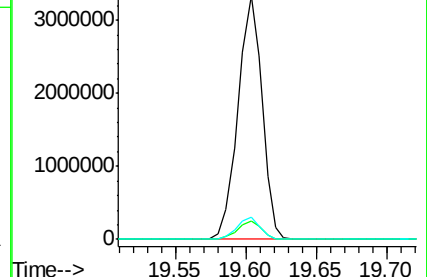
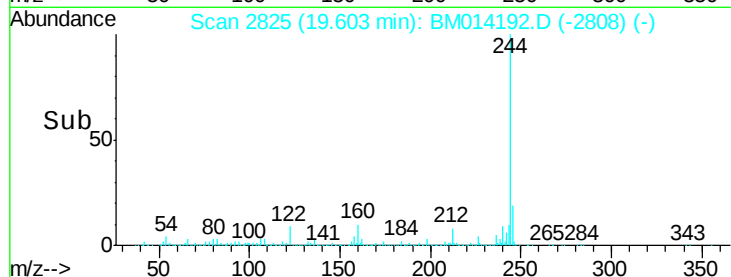
122 9.4 6.2 9.4#



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: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014192.D

Acq: 08 Feb 2018 14:35

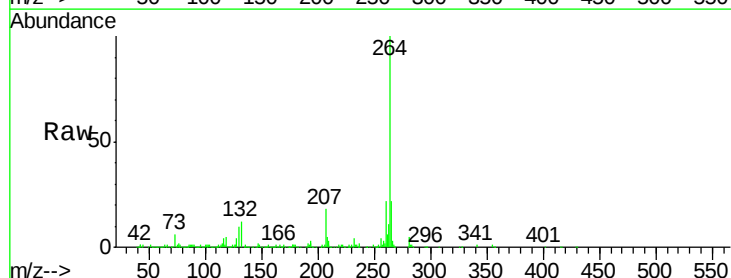
Tgt Ion:264 Resp: 602816

Ion Ratio Lower Upper

264 100

260 22.1 18.6 27.8

265 22.0 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

