

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014167.D
 Acq On : 07 Feb 2018 18:55
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 1 PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 07:15:12 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

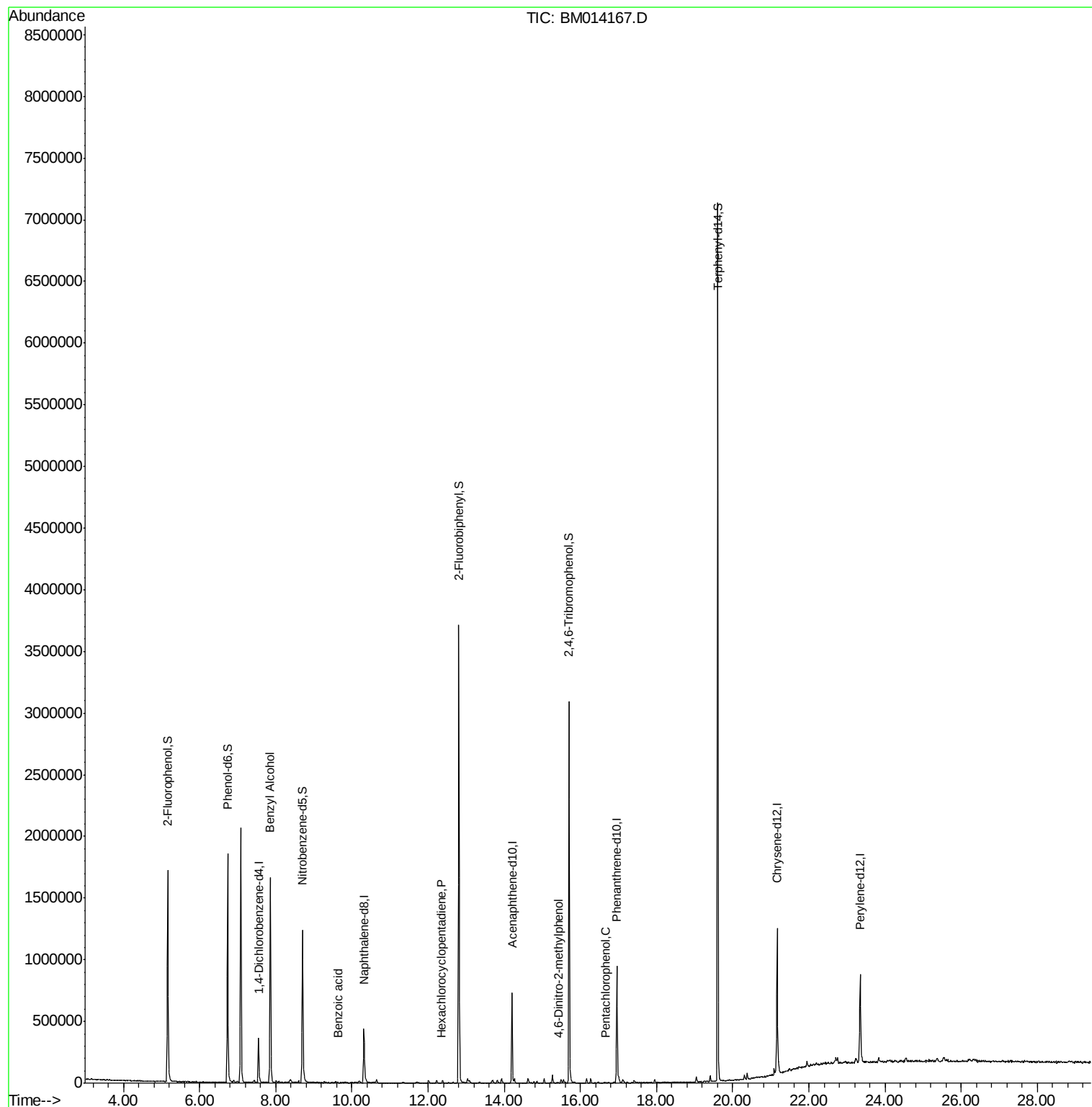
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	82241	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	336537	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	223439	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	526120	20.00	ng	0.00
75) Chrysene-d12	21.17	240	571190	20.00	ng	0.00
86) Perylene-d12	23.34	264	514310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	618885	131.16	ng	0.00
7) Phenol-d6	6.73	99	833004	124.65	ng	0.00
23) Nitrobenzene-d5	8.70	82	699296	92.82	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	398194	125.59	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1589156	88.78	ng	0.00
78) Terphenyl-d14	19.60	244	2487511	85.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.86	79	17208	2.78	ng	# 49
32) Benzoic acid	9.65	122	614	6.32	ng	# 25
40) Hexachlorocyclopentadiene	12.34	237	1078	6.39	ng	92
64) 4,6-Dinitro-2-methylphenol	15.42	198	144	5.60	ng	# 33
69) Pentachlorophenol	16.67	266	1168	6.17	ng	# 19

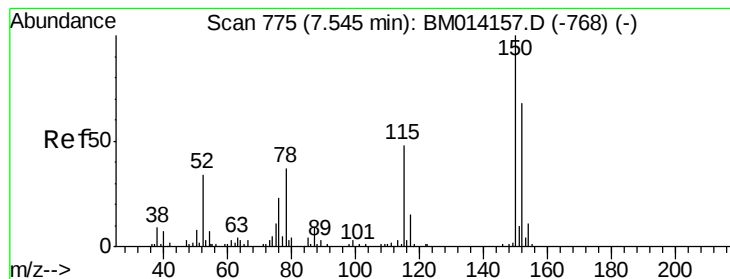
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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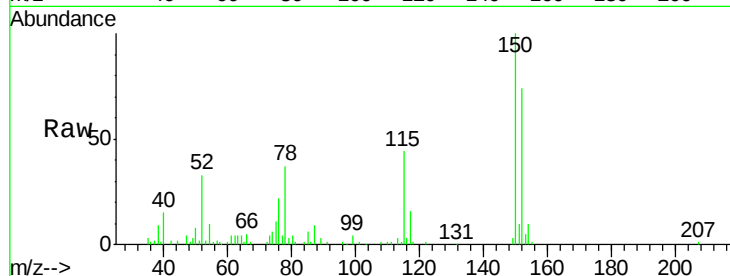


#1

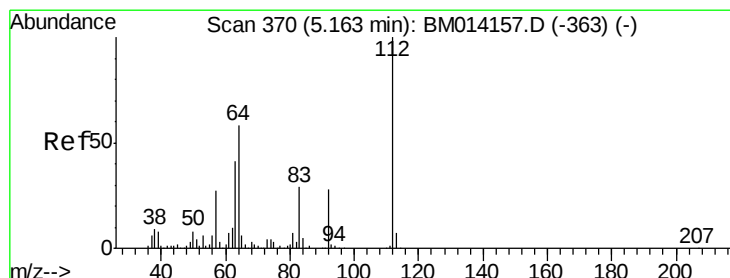
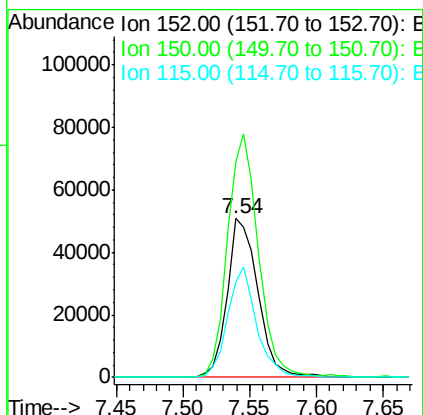
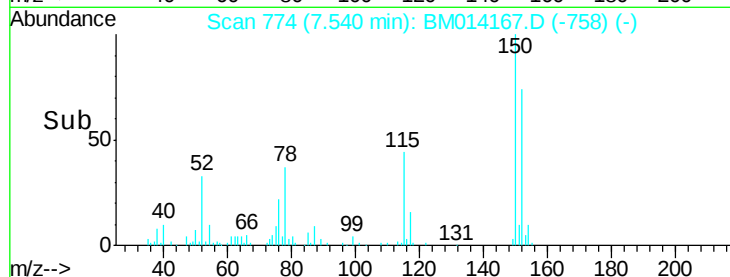
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 82241
Ion Ratio Lower Upper
152 100
150 135.8 119.5 179.3
115 60.1 43.0 64.4



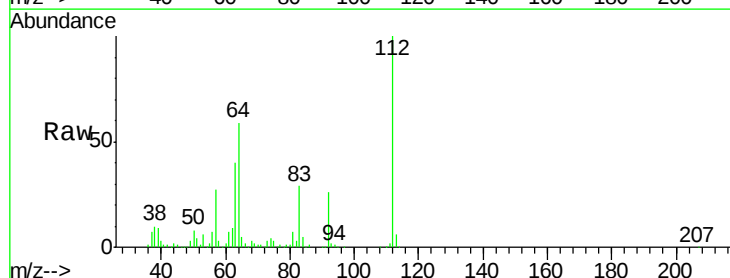
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



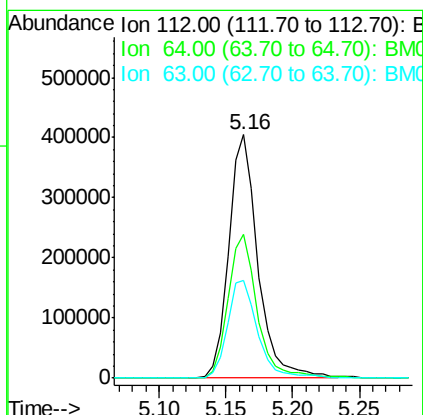
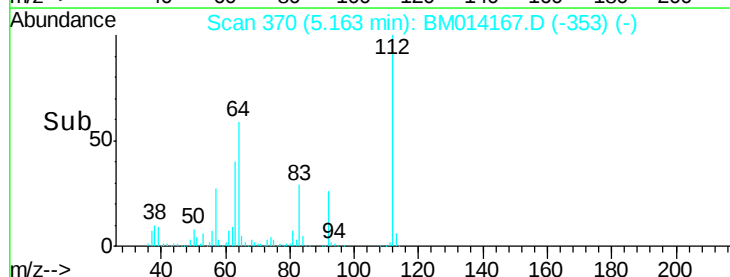
#5

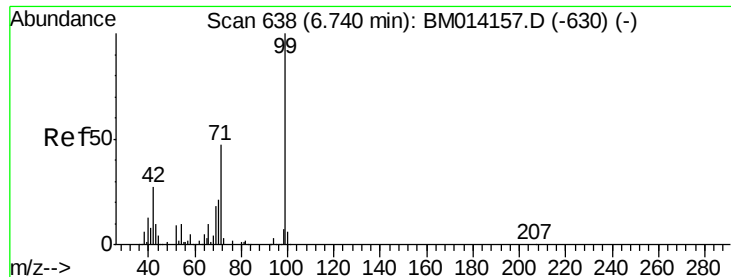
2-Fluorophenol
Concen: 131.16 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

Tgt Ion:112 Resp: 618885
Ion Ratio Lower Upper
112 100
64 58.9 38.6 57.8#
63 40.3 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: 124.65 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

Instrument :

BNA_M

ClientSampleId :

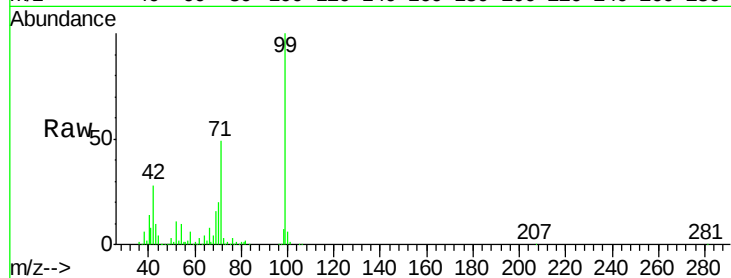
Tot Ion: 99 Resp: 833004

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

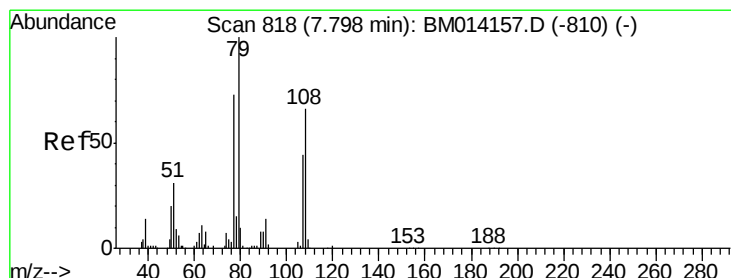
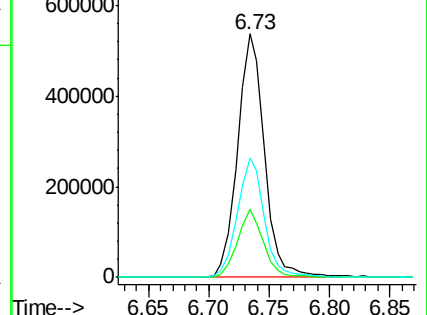
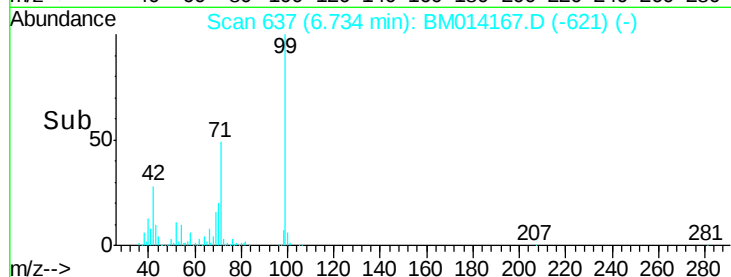
71 49.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014167.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014167.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014167.D (-621) (-)



#15

Benzyl Alcohol

Concen: 2.78 ng

RT: 7.86 min Scan# 828

Delta R.T. 0.06 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

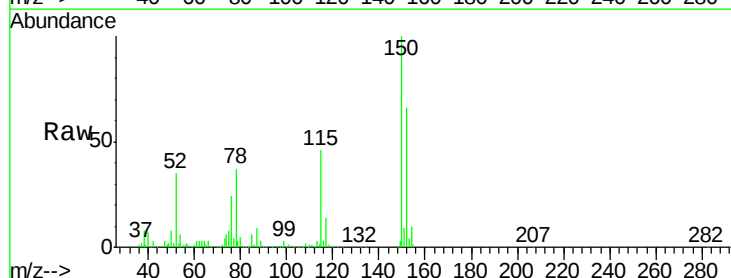
Tgt Ion: 79 Resp: 17208

Ion Ratio Lower Upper

79 100

108 55.1 65.0 97.4#

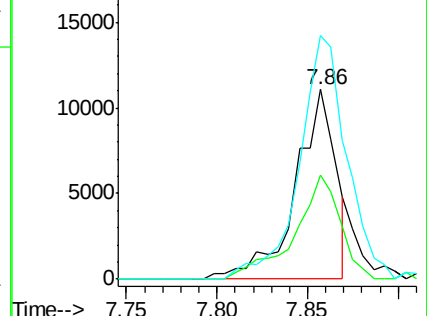
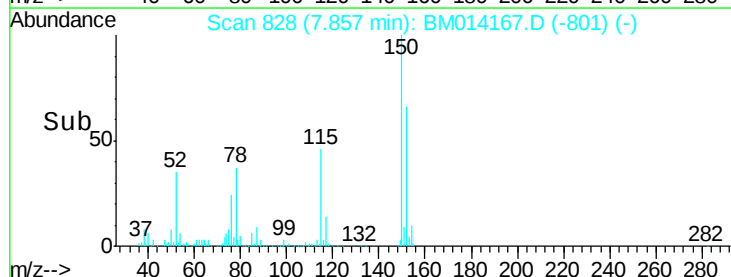
77 128.3 53.0 79.6#

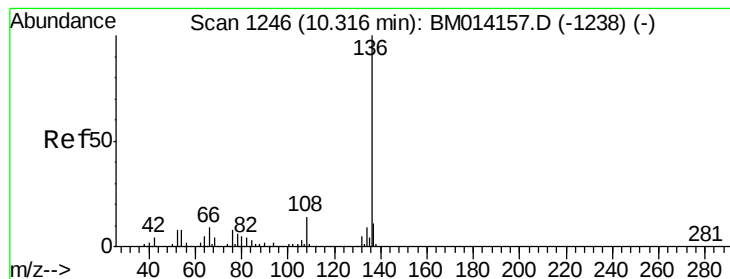


Abundance Ion 79.00 (78.70 to 79.70): BM014167.D (-801) (-)

Ion 108.00 (107.70 to 108.70): BM014167.D (-801) (-)

Ion 77.00 (76.70 to 77.70): BM014167.D (-801) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014167.D

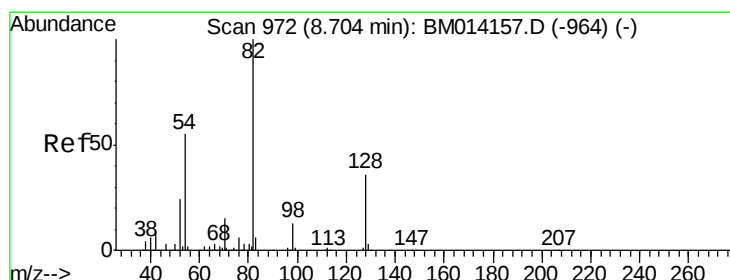
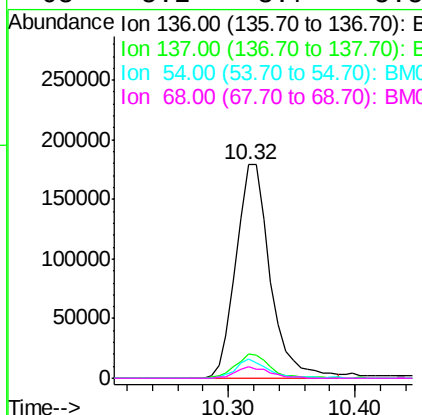
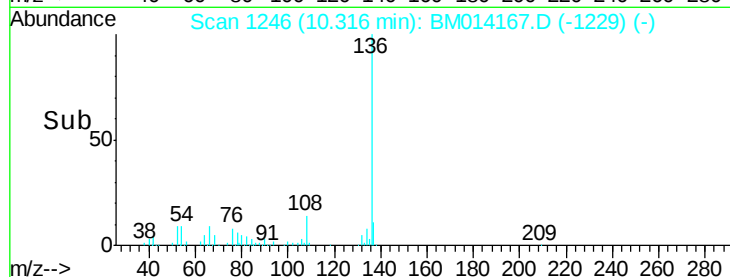
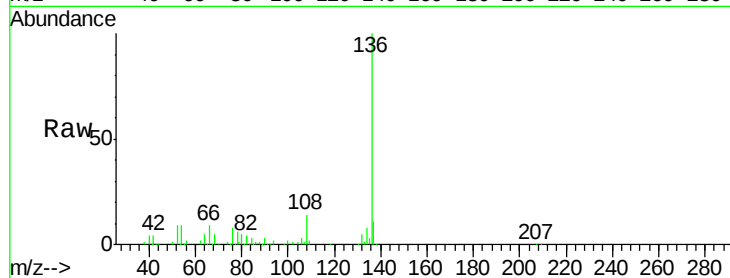
Acq: 07 Feb 2018 18:55

Instrument :

BNA_M

ClientSampled :

Tot Ion:	136	Resp:	336537
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.7	4.6	6.8#
68	5.2	3.7	5.5



#23

Nitrobenzene-d5

Concen: 92.82 ng

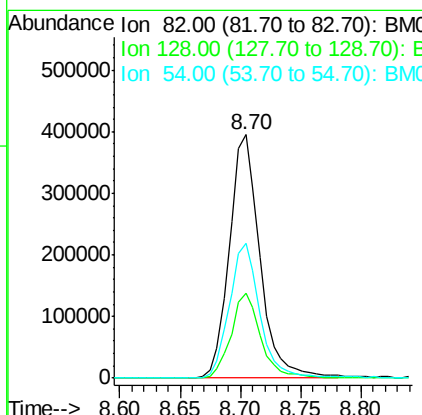
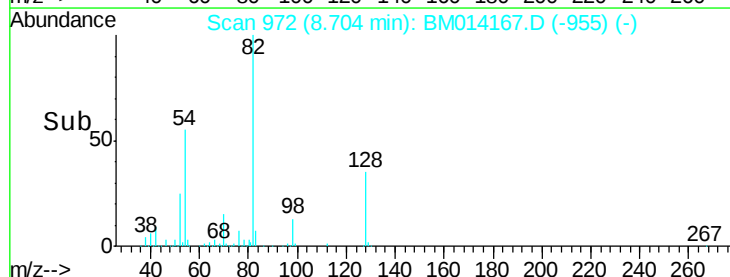
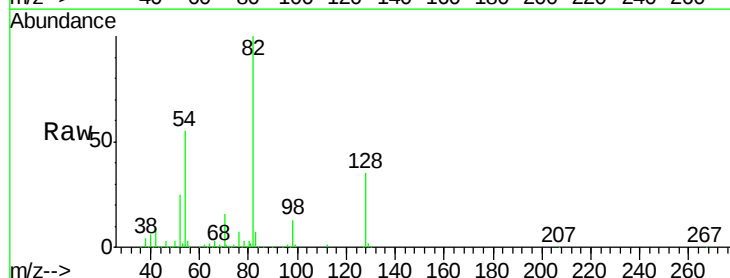
RT: 8.70 min Scan# 972

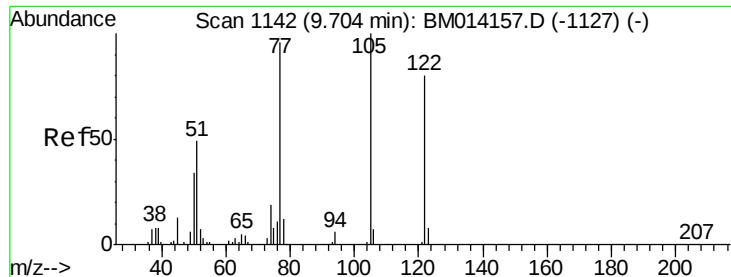
Delta R.T. -0.00 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

Tgt Ion:	82	Resp:	699296
Ion	Ratio	Lower	Upper
82	100		
128	35.0	32.8	49.2
54	55.3	40.6	60.8

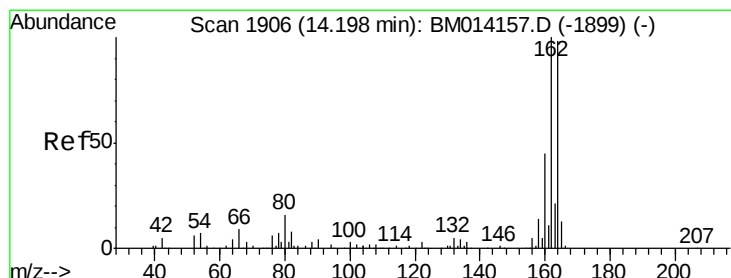
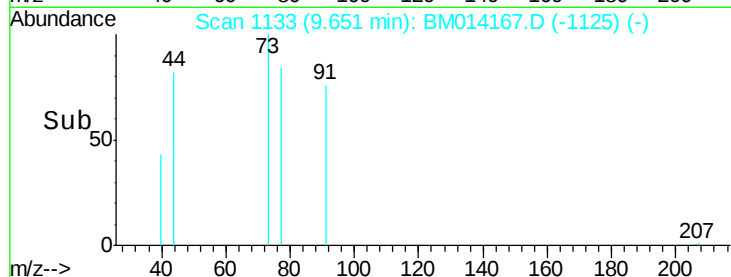
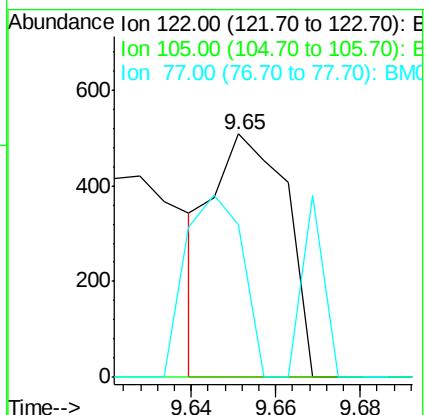
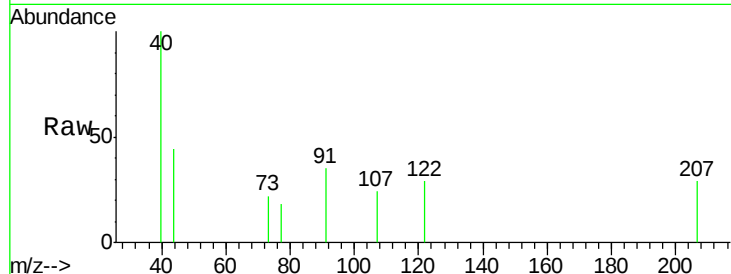




#32
Benzoic acid
Concen: 6.32 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

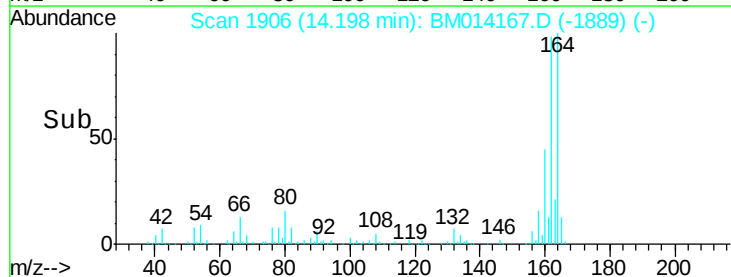
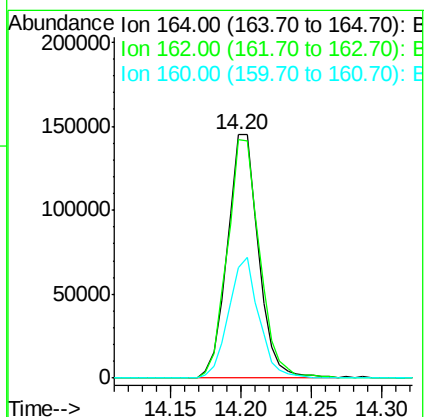
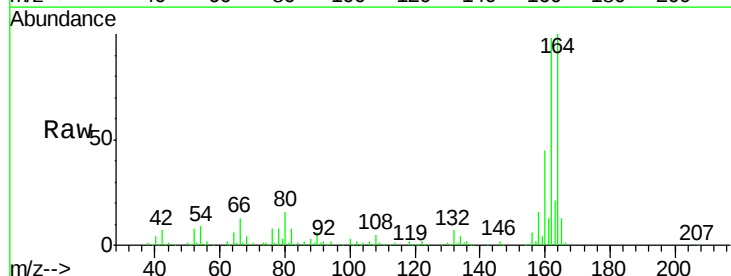
Instrument :
BNA_M
ClientSampleId :

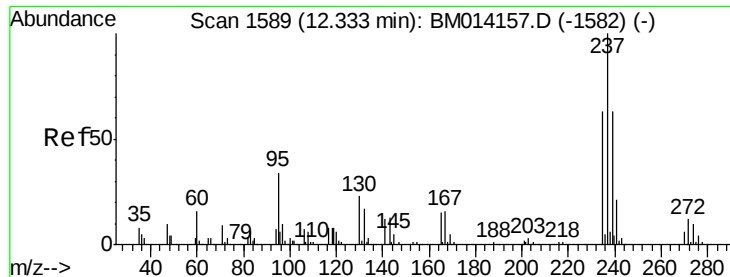
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	62.6	73.7	113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	82.4	123.6
160	45.4	35.8	53.6





#40

Hexachlorocyclopentadiene

Concen: 6.39 ng

RT: 12.34 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

Instrument :

BNA_M

ClientSampleId :

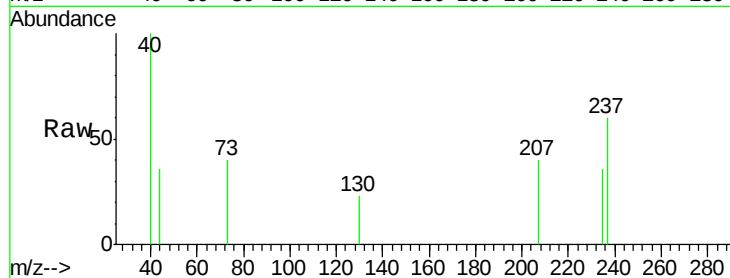
Tot Ion:237 Resp: 1078

Ion Ratio Lower Upper

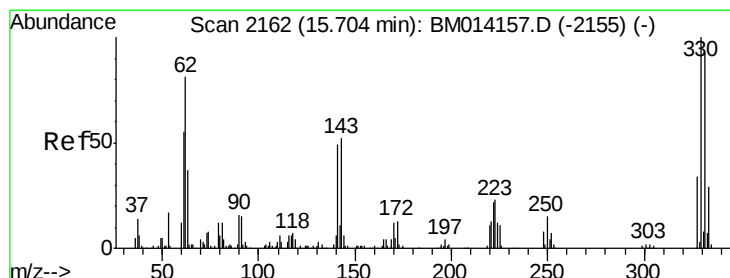
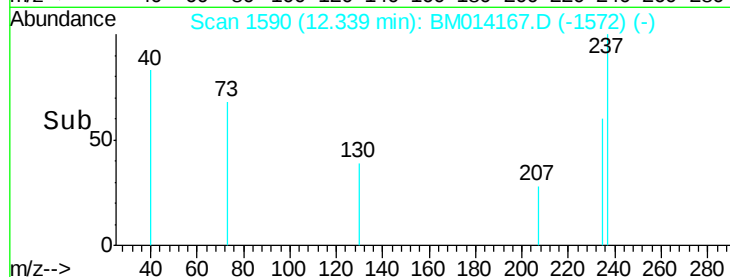
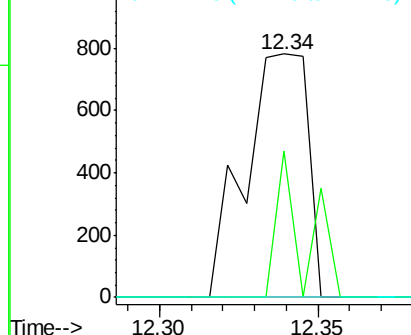
237 100

235 60.2 42.0 82.0

272 0.0 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 125.59 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

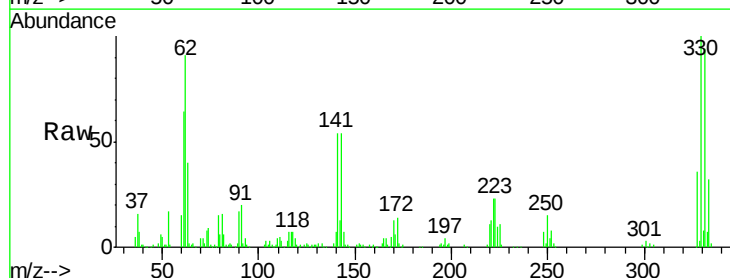
Tgt Ion:330 Resp: 398194

Ion Ratio Lower Upper

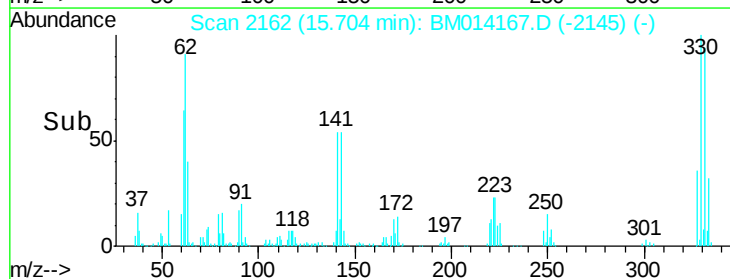
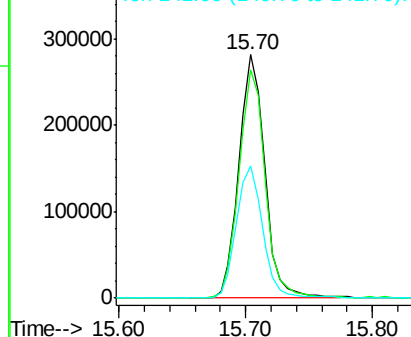
330 100

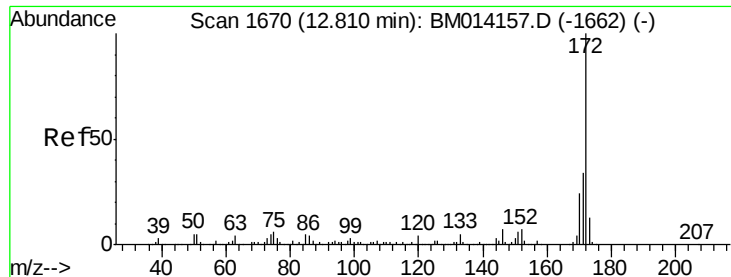
332 94.5 0.0 0.0#

141 55.1 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

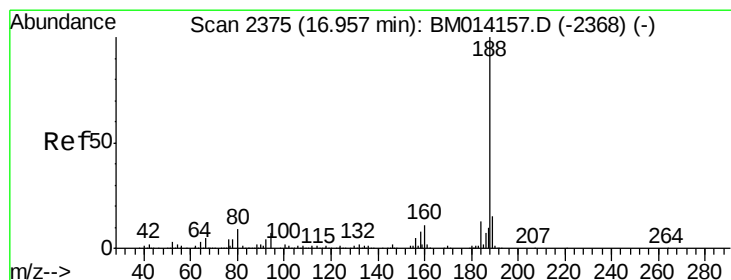
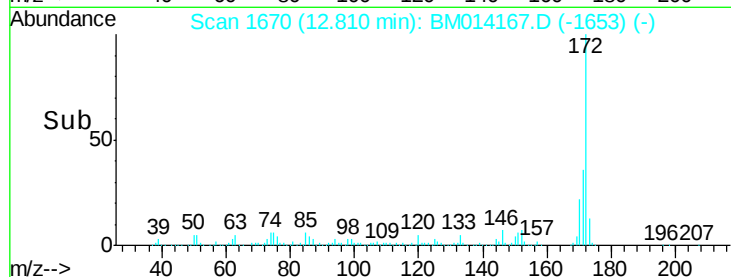
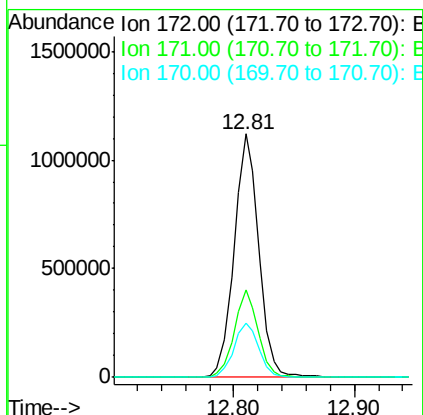
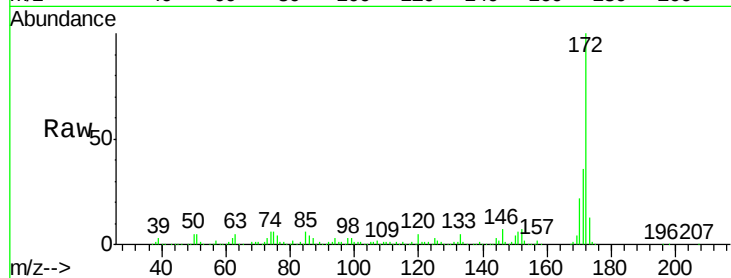




#44
2-Fluorobiphenyl
Concen: 88.78 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

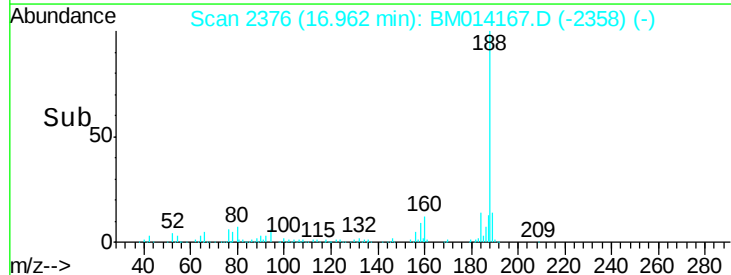
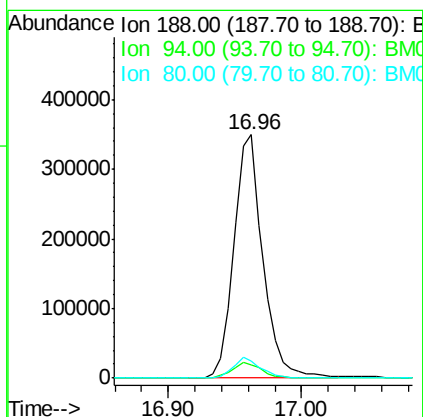
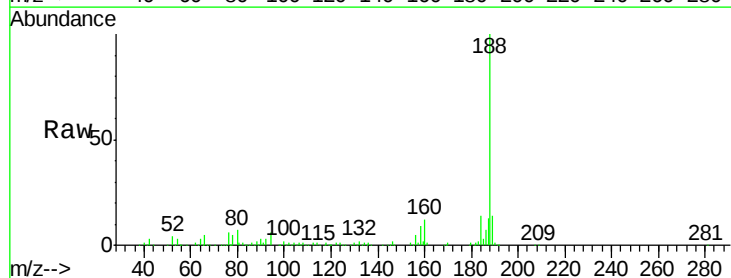
Instrument :
BNA_M
ClientSampled :

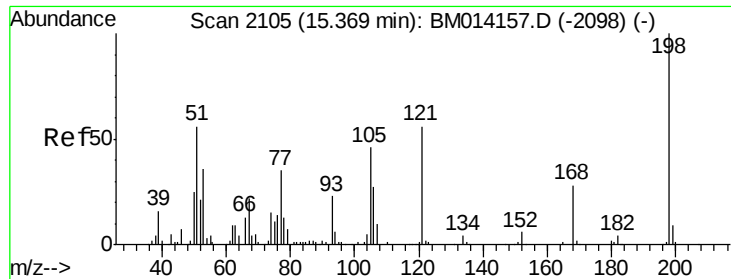
Tot Ion:172 Resp: 1589156
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.4 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

Tgt Ion:188 Resp: 526120
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 7.3 9.3 13.9#

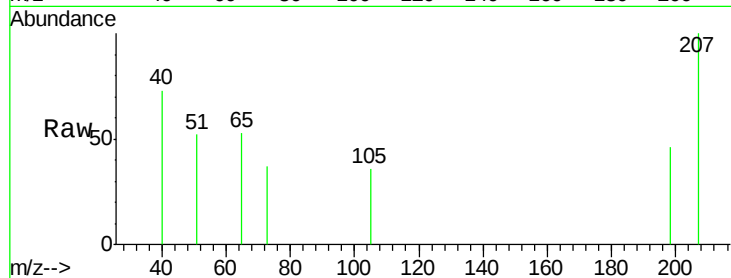




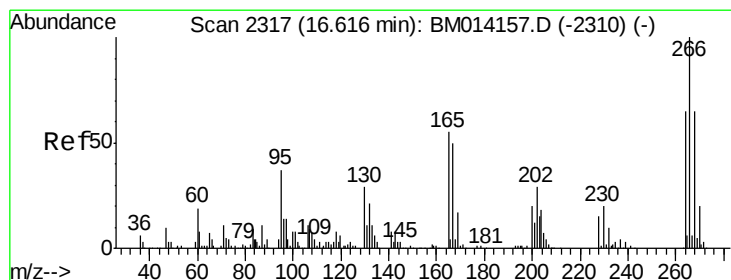
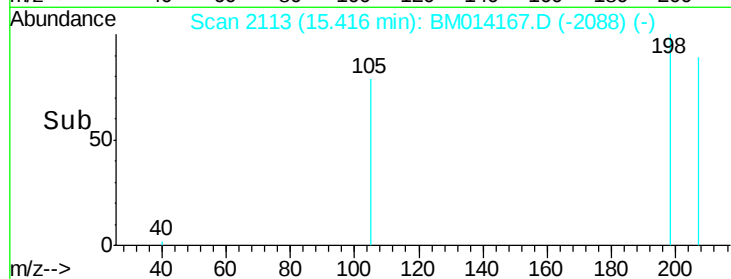
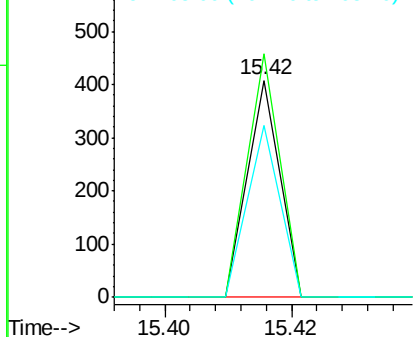
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.60 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. 0.05 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:198 Resp: 144
 Ion Ratio Lower Upper
 198 100
 51 112.3 28.8 68.8#
 105 79.2 30.5 70.5#

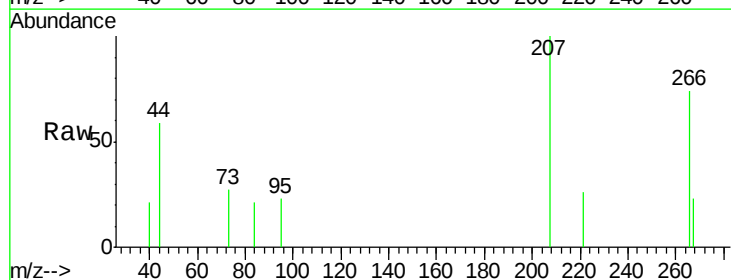


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): B
 Ion 105.00 (104.70 to 105.70): E

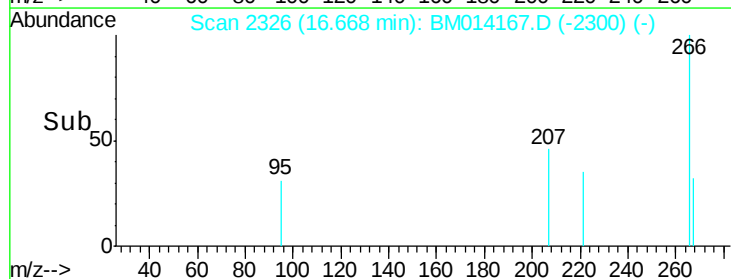
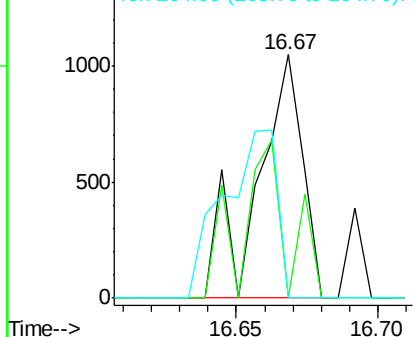


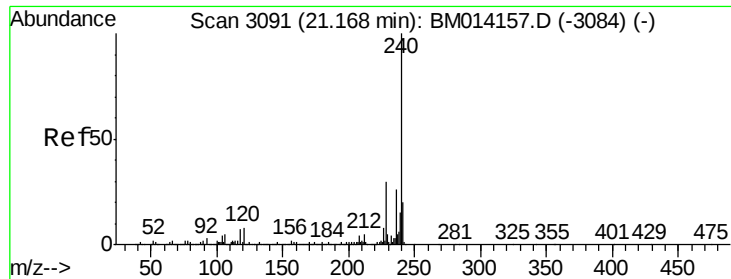
#69
 Pentachlorophenol
 Concen: 6.17 ng
 RT: 16.67 min Scan# 2326
 Delta R.T. 0.05 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

Tgt Ion:266 Resp: 1168
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.0 78.0#
 264 0.0 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: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

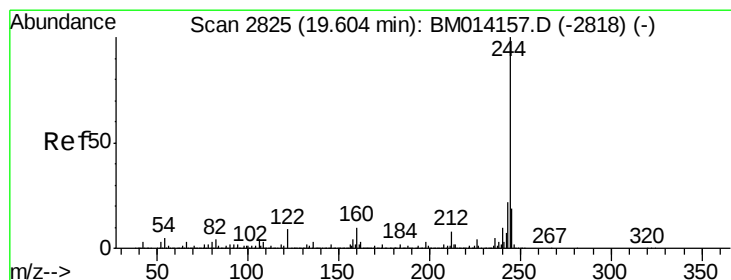
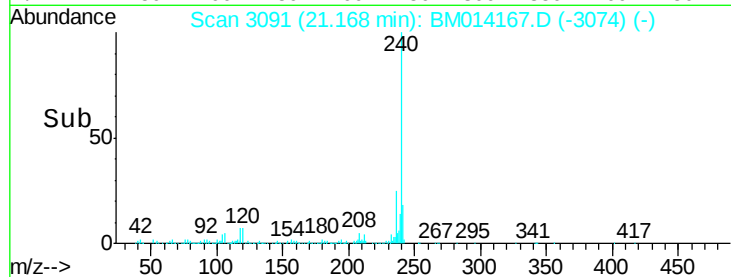
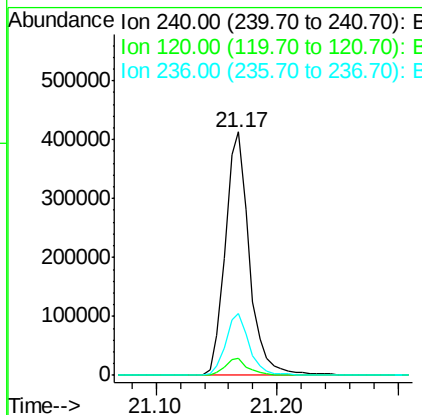
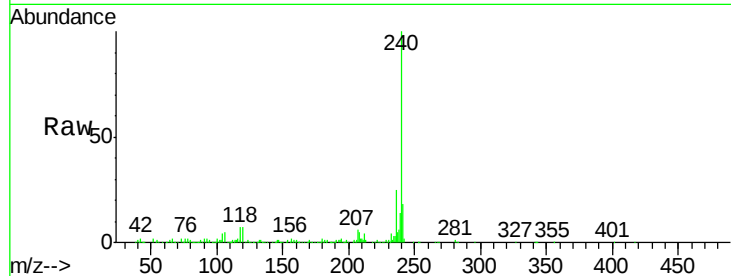
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 571190

Ion	Ratio	Lower	Upper
240	100		
120	6.8	8.2	12.2#
236	25.5	20.0	30.0



#78

Terphenyl-d14

Concen: 85.09 ng

RT: 19.60 min Scan# 2825

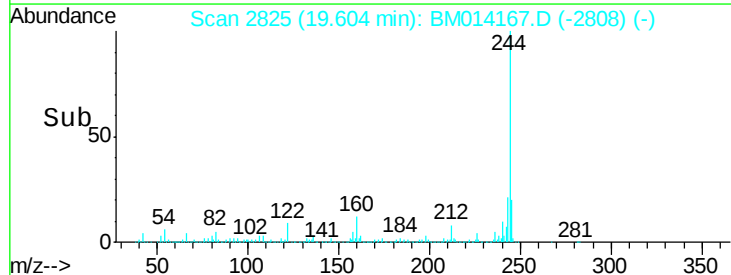
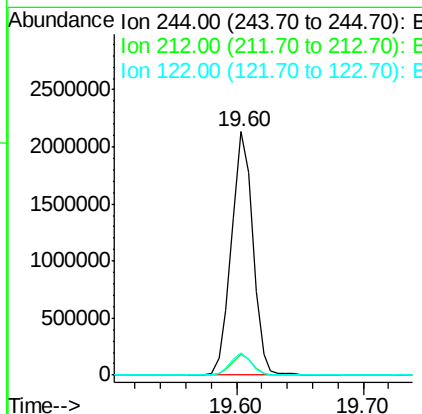
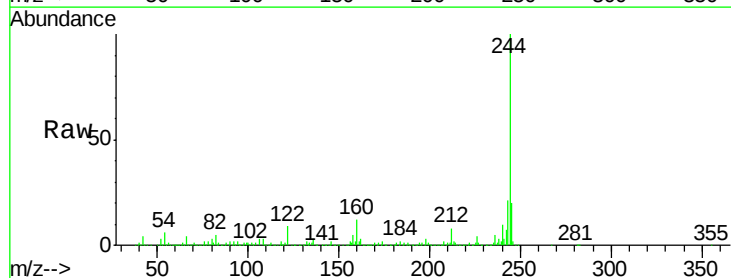
Delta R.T. -0.00 min

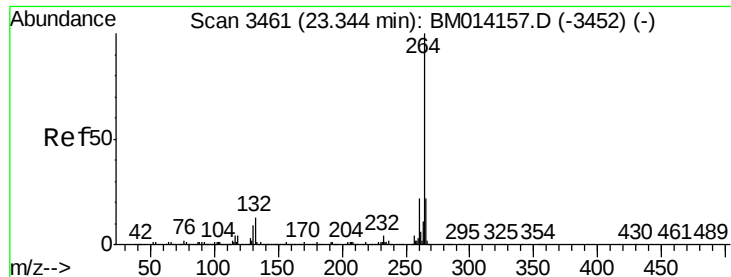
Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

Tgt Ion:244 Resp: 2487511

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	8.9	6.2	9.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.2	17.3	25.9

