

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014172.D
 Acq On : 07 Feb 2018 21:55
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL 1 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 07:18:06 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

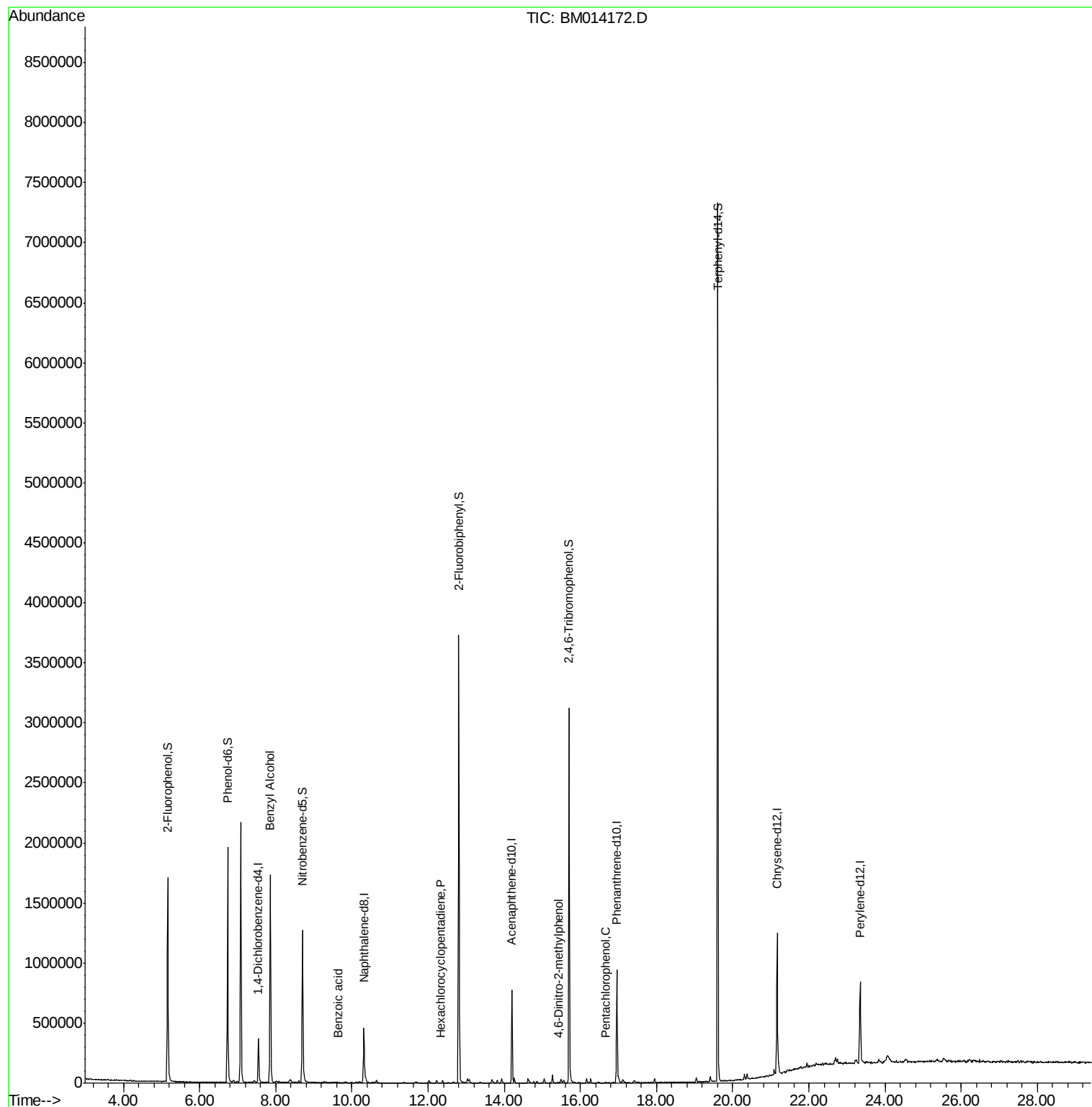
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	82833	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	343843	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	222643	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	538348	20.00	ng	0.00
75) Chrysene-d12	21.17	240	571931	20.00	ng	0.00
86) Perylene-d12	23.34	264	511407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	622877	131.07	ng	0.00
7) Phenol-d6	6.73	99	834068	123.92	ng	0.00
23) Nitrobenzene-d5	8.70	82	707430	91.90	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	407309	128.93	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1594594	89.41	ng	0.00
78) Terphenyl-d14	19.60	244	2546605	87.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.86	79	17287	2.77	ng	# 34
32) Benzoic acid	9.65	122	114	6.21	ng	# 1
40) Hexachlorocyclopentadiene	12.33	237	653	6.30	ng	# 28
64) 4,6-Dinitro-2-methylphenol	15.42	198	525	5.69	ng	# 28
69) Pentachlorophenol	16.66	266	1228	6.18	ng	# 65

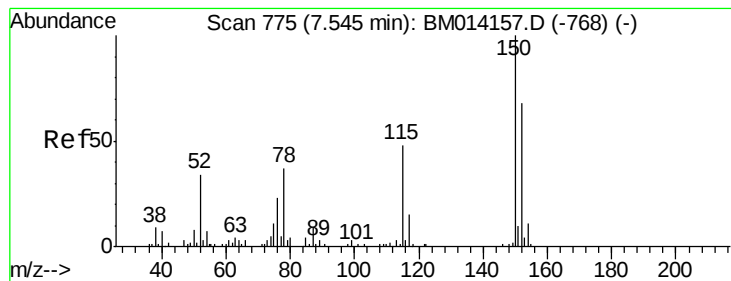
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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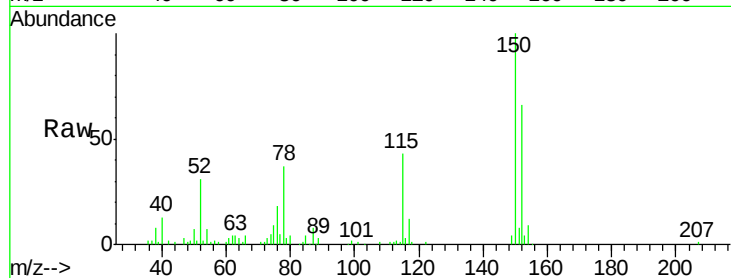


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	119.5	179.3
115	64.6	43.0	64.4

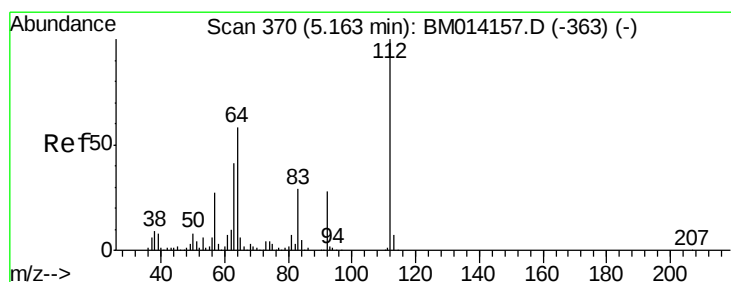
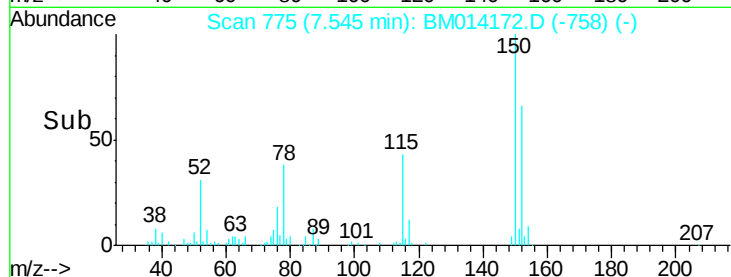
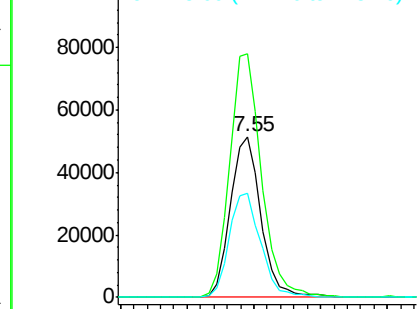


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

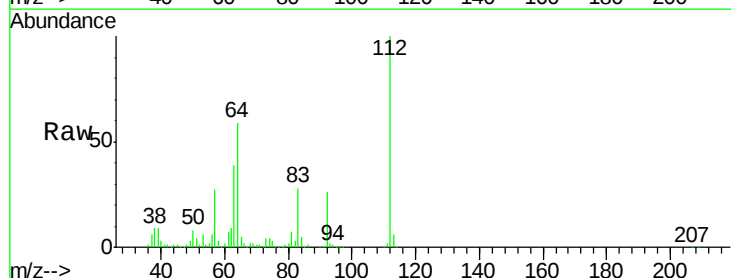
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.07 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	38.6	57.8
63	39.5	19.3	28.9

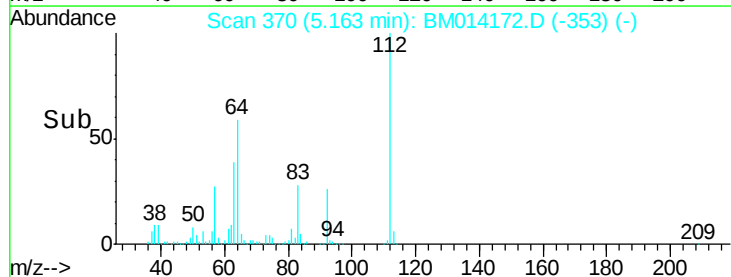
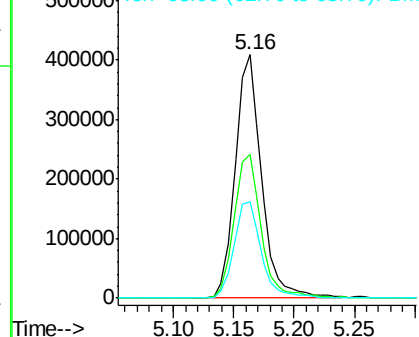


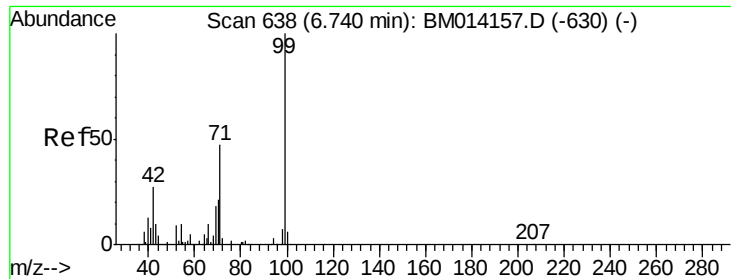
Abundance

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: 123.92 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014172.D

Acq: 07 Feb 2018 21:55

Instrument :

BNA_F

ClientSampled :

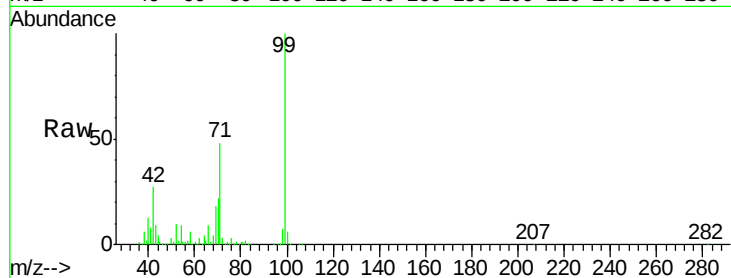
Tot Ion: 99 Resp: 834068

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

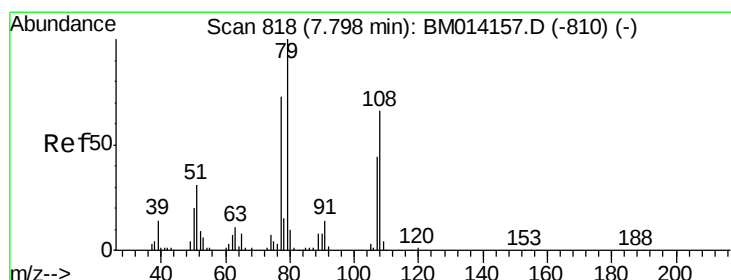
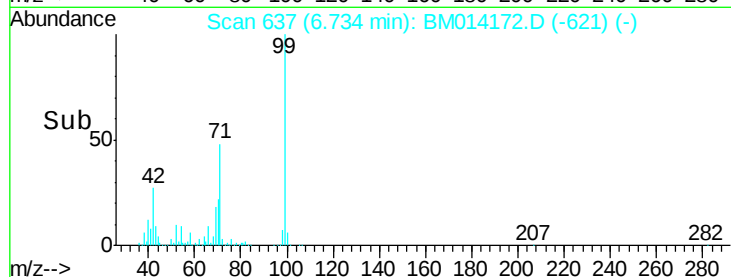
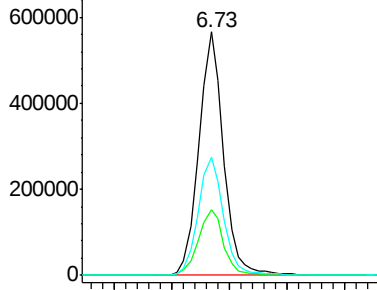
71 48.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014172.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014172.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014172.D (-621) (-)



#15

Benzyl Alcohol

Concen: 2.77 ng

RT: 7.86 min Scan# 828

Delta R.T. 0.06 min

Lab File: BM014172.D

Acq: 07 Feb 2018 21:55

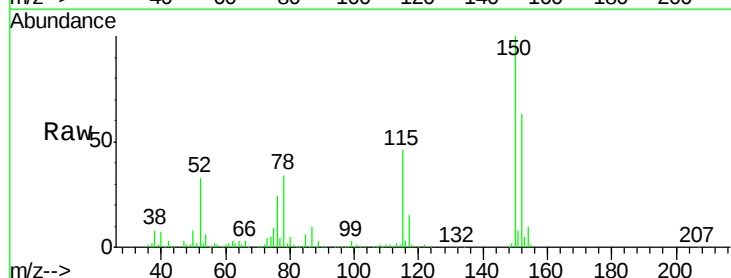
Tgt Ion: 79 Resp: 17287

Ion Ratio Lower Upper

79 100

108 62.8 65.0 97.4#

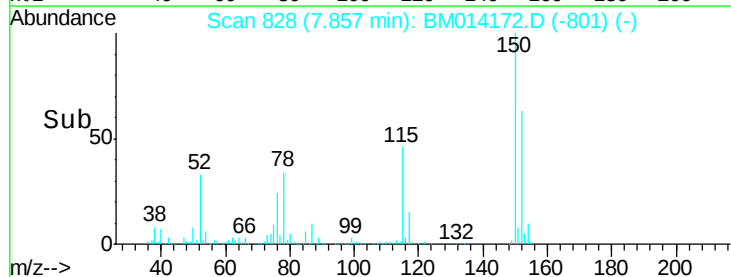
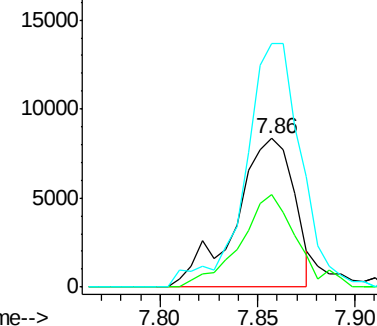
77 163.9 53.0 79.6#

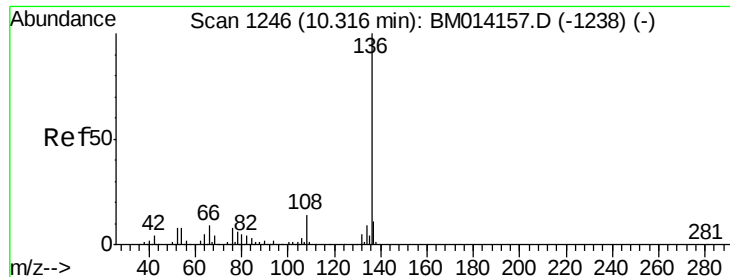


Abundance Ion 79.00 (78.70 to 79.70): BM014172.D (-801) (-)

Ion 108.00 (107.70 to 108.70): BM014172.D (-801) (-)

Ion 77.00 (76.70 to 77.70): BM014172.D (-801) (-)

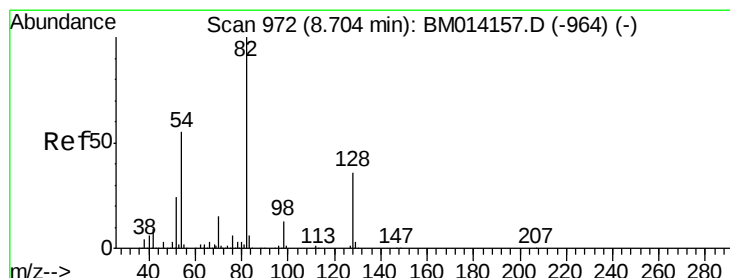
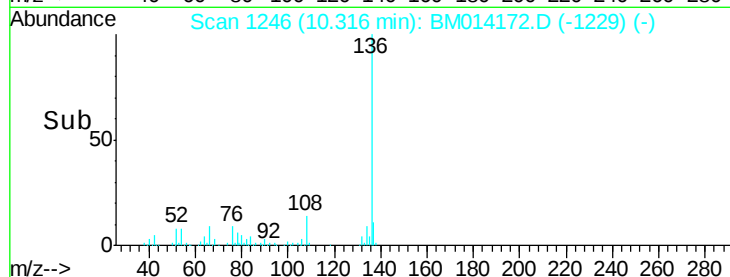
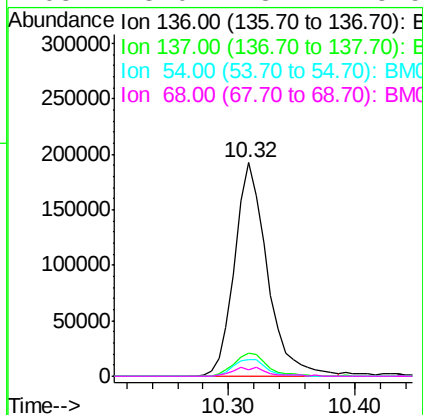
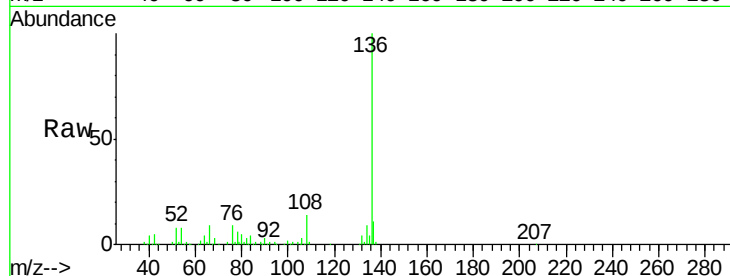




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

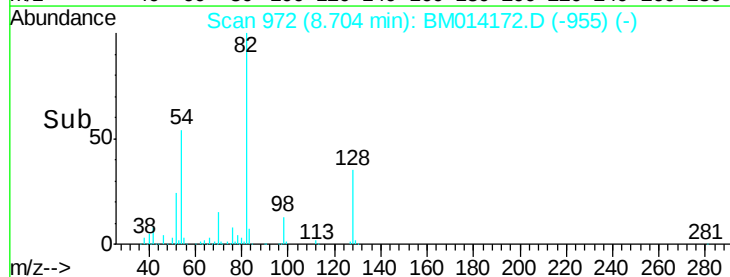
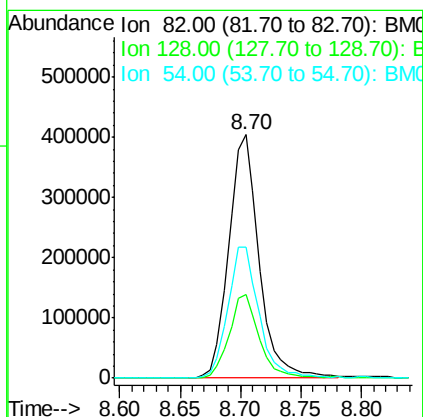
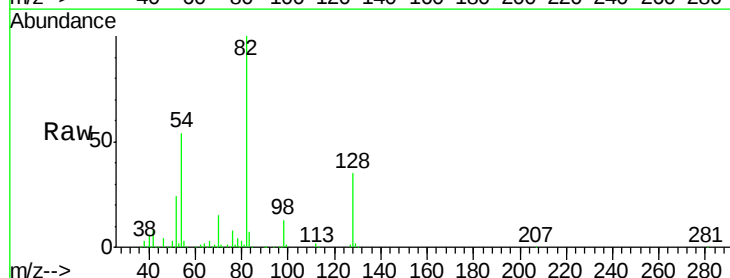
Instrument :
BNA_F
ClientSampleId :

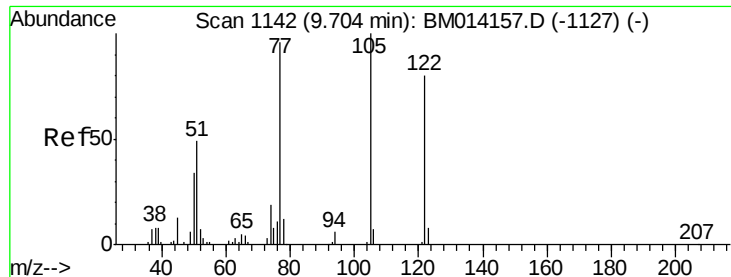
Tot Ion:136	Resp:	343843
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	7.9	4.6 6.8#
68	3.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 91.90 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Tgt Ion: 82	Resp:	707430
Ion Ratio	Lower	Upper
82	100	
128	34.5	32.8 49.2
54	54.0	40.6 60.8

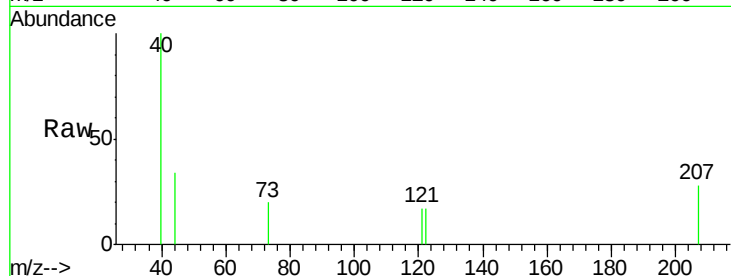




#32
Benzoic acid
Concen: 6.21 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Instrument :
BNA_F
ClientSampleId :

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

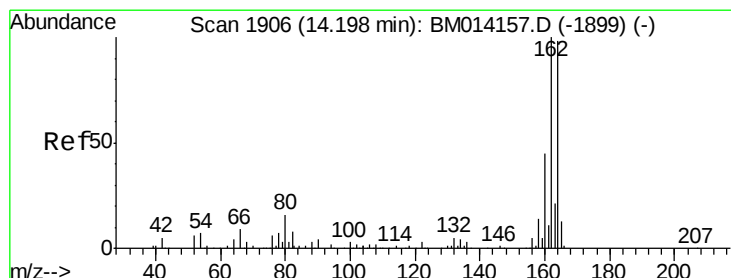
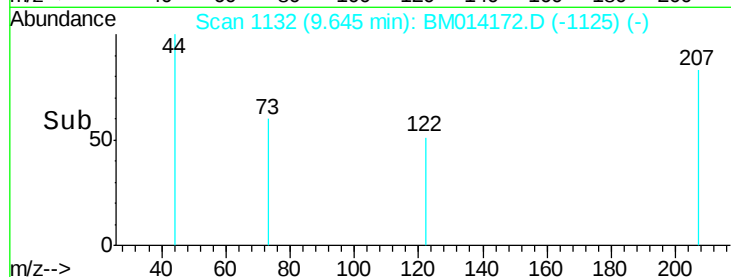
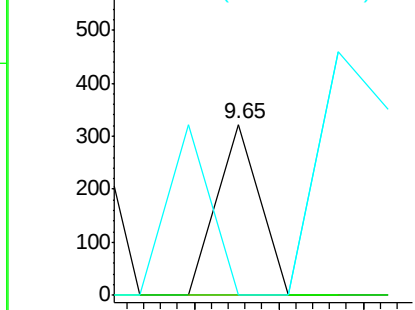


Abundance

Ion 122.00 (121.70 to 122.70): E

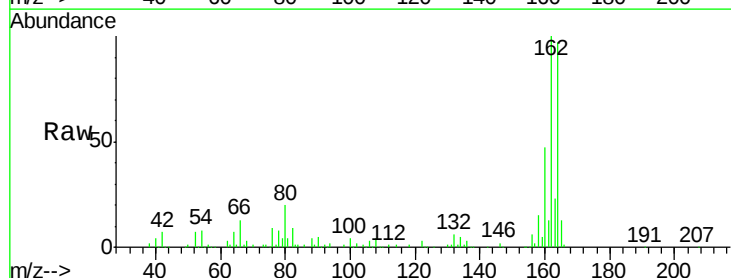
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	48.0	35.8	53.6

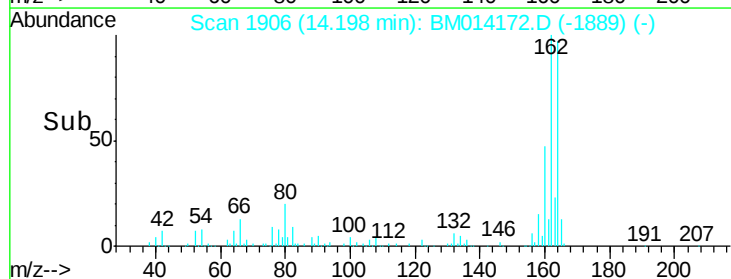
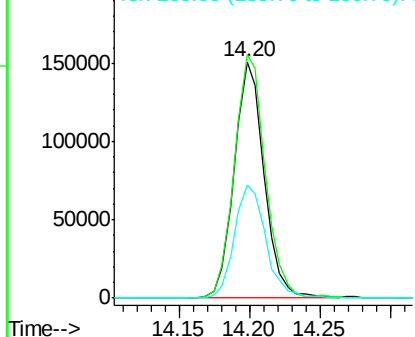


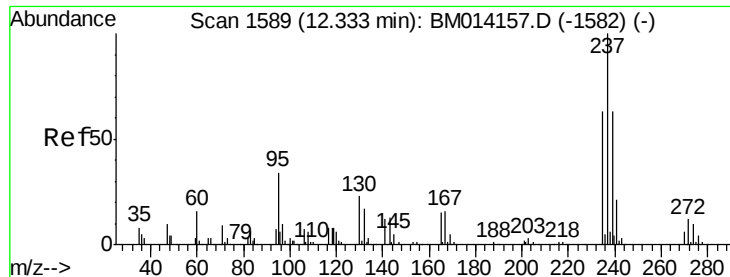
Abundance

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

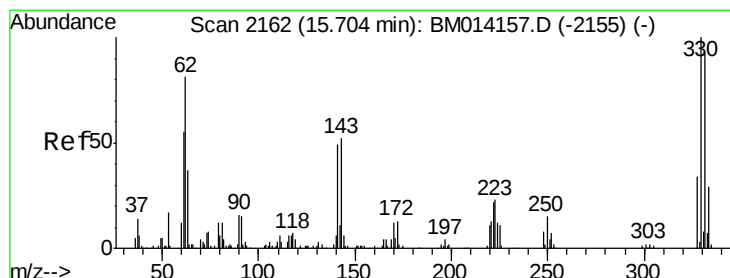
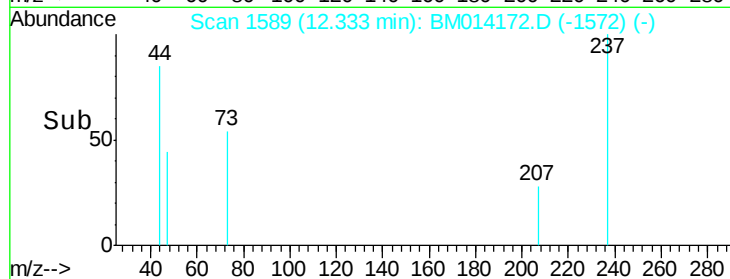
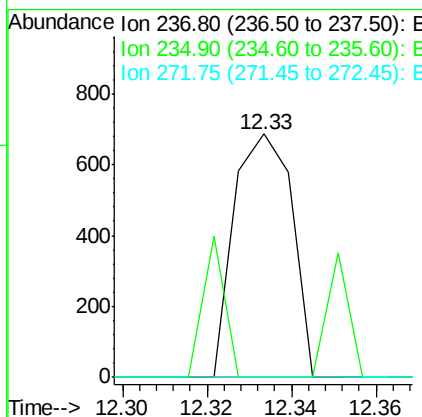
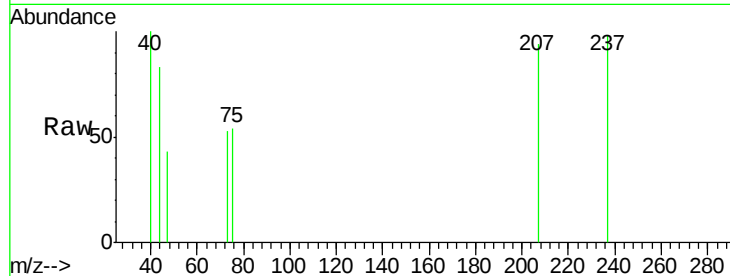




#40
Hexachlorocyclopentadiene
Concen: 6.30 ng
RT: 12.33 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

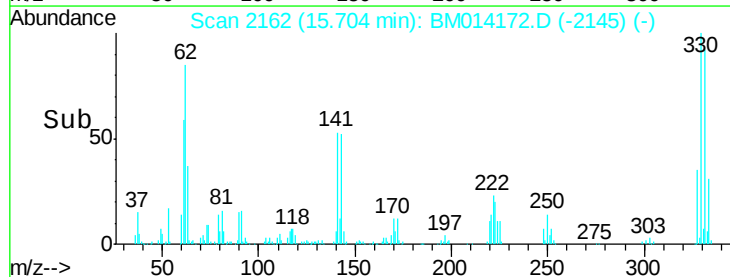
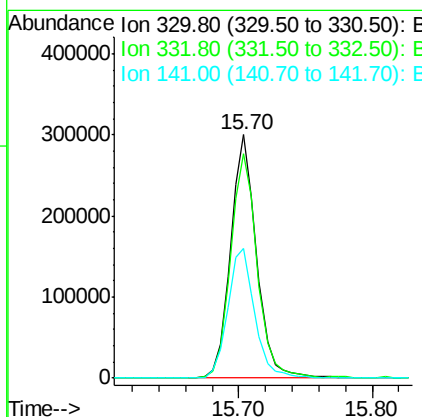
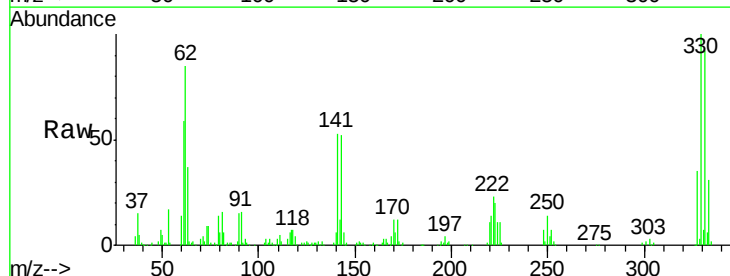
Instrument :
BNA_F
ClientSampleId :

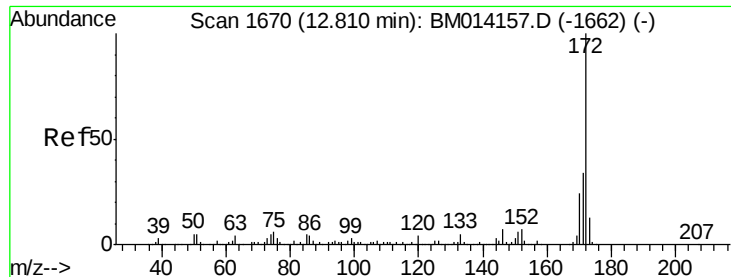
Tot Ion:237 Resp: 653
Ion Ratio Lower Upper
237 100
235 0.0 42.0 82.0#
272 0.0 0.0 33.4



#41
2,4,6-Tribromophenol
Concen: 128.93 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Tgt Ion:330 Resp: 407309
Ion Ratio Lower Upper
330 100
332 94.9 0.0 0.0#
141 55.8 0.0 0.0#

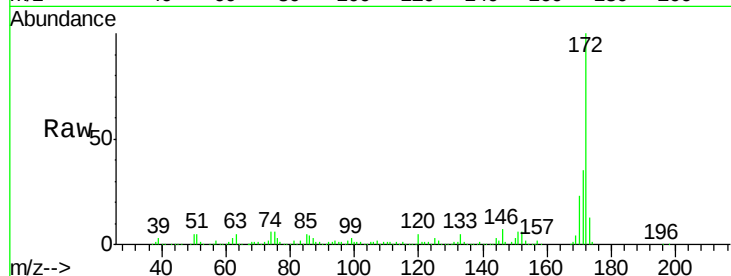




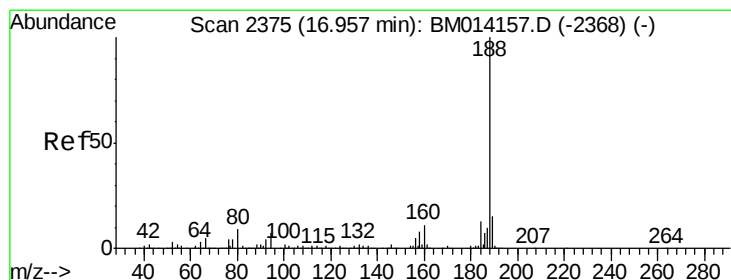
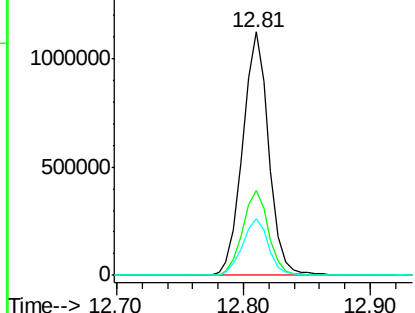
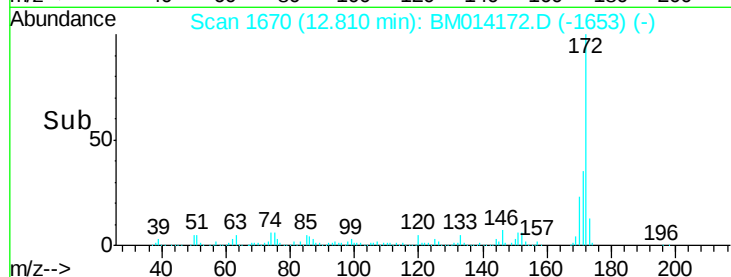
#44
2-Fluorobiphenyl
Concen: 89.41 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1594594
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.4 18.8 28.2

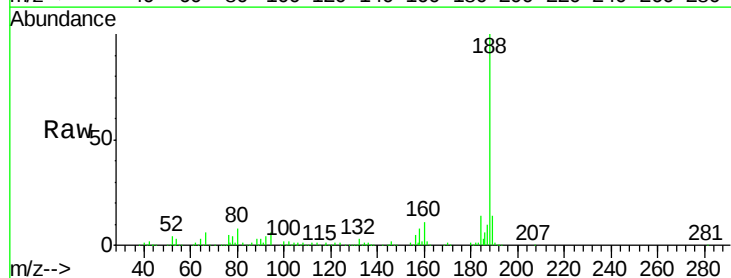


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

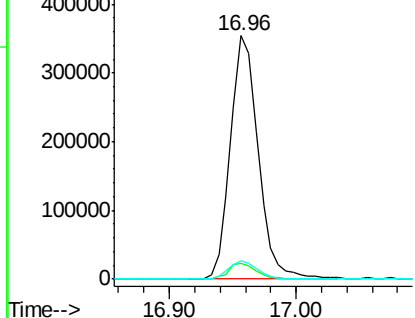
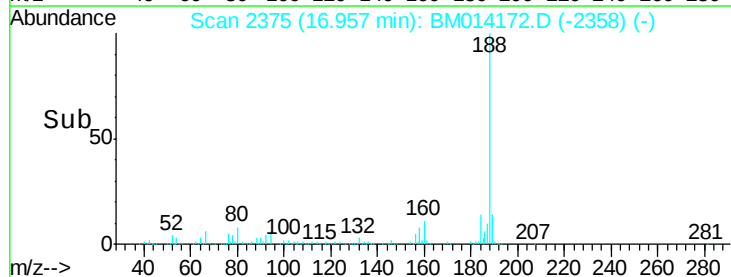


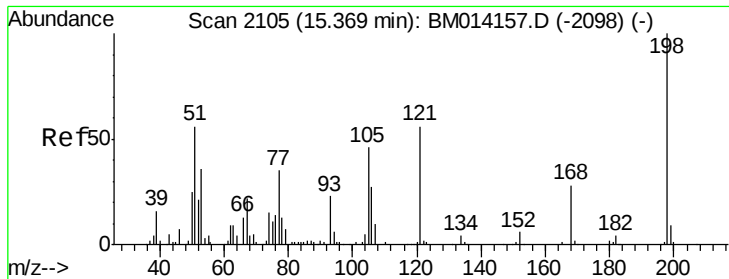
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014172.D
Acq: 07 Feb 2018 21:55

Tgt Ion:188 Resp: 538348
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 7.6 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

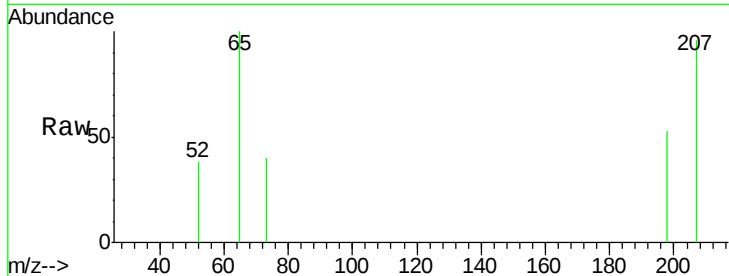




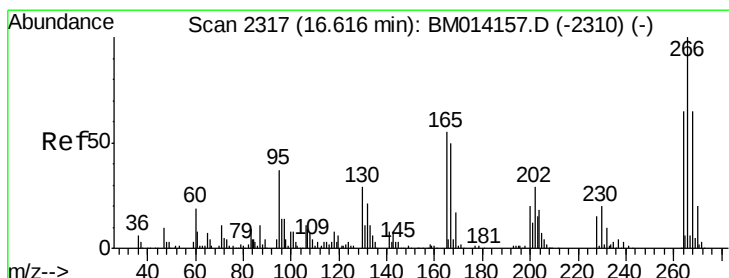
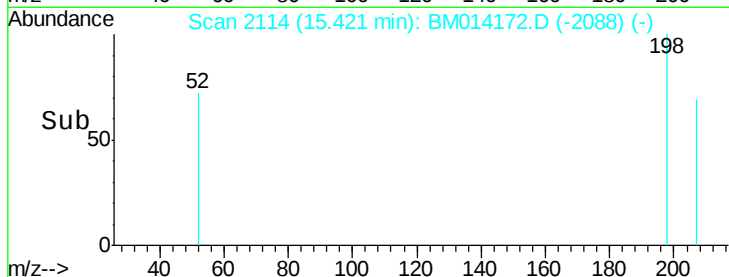
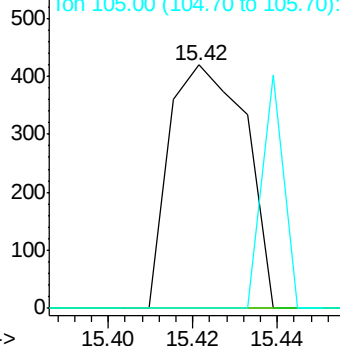
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.69 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. 0.05 min
 Lab File: BM014172.D
 Acq: 07 Feb 2018 21:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 525
 Ion Ratio Lower Upper
 198 100
 51 0.0 28.8 68.8#
 105 0.0 30.5 70.5#

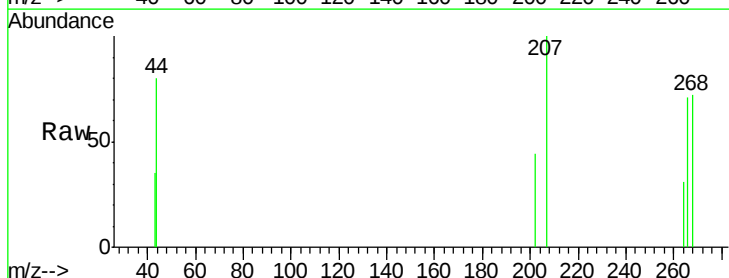


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM0
 Ion 105.00 (104.70 to 105.70): E

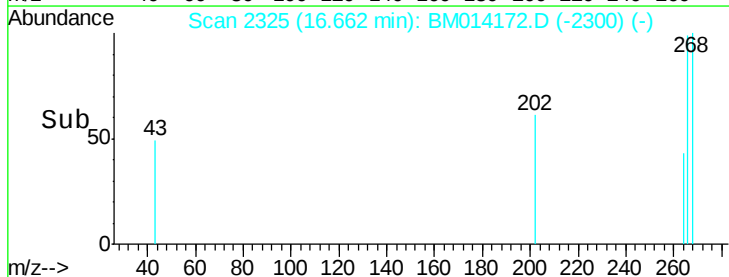
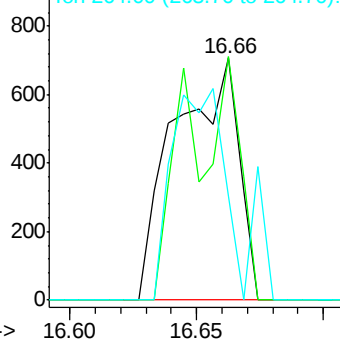


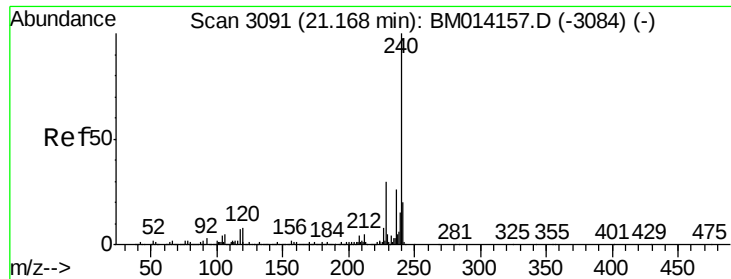
#69
 Pentachlorophenol
 Concen: 6.18 ng
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.05 min
 Lab File: BM014172.D
 Acq: 07 Feb 2018 21:55

Tgt Ion:266 Resp: 1228
 Ion Ratio Lower Upper
 266 100
 268 100.7 52.0 78.0#
 264 43.1 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: BM014172.D

Acq: 07 Feb 2018 21:55

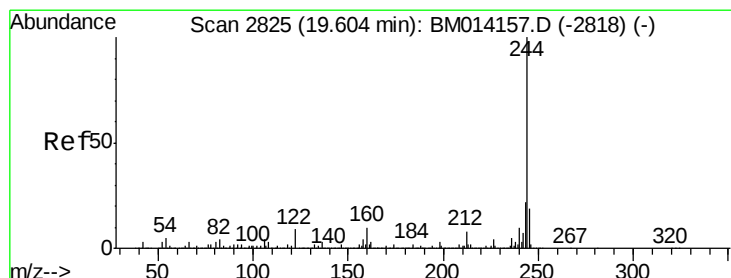
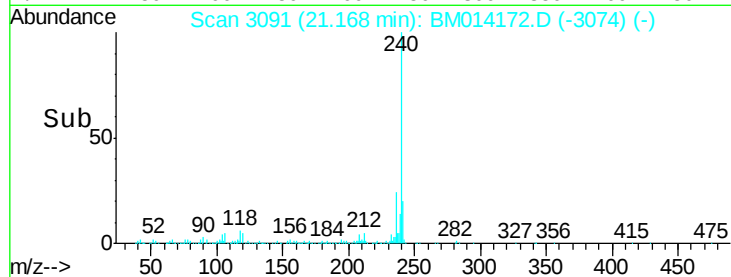
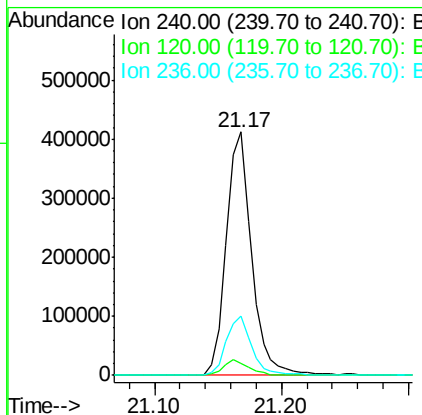
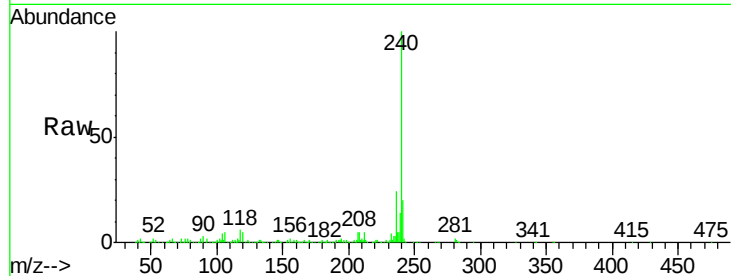
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 571931

Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	24.4	20.0	30.0



#78

Terphenyl-d14

Concen: 87.00 ng

RT: 19.60 min Scan# 2825

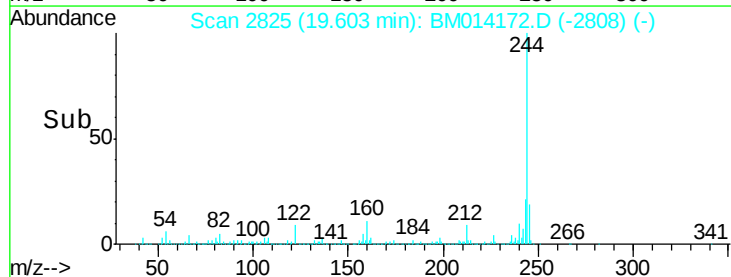
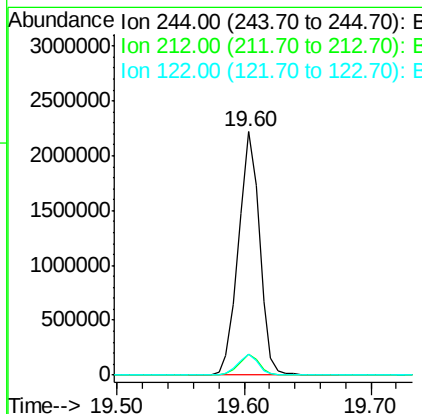
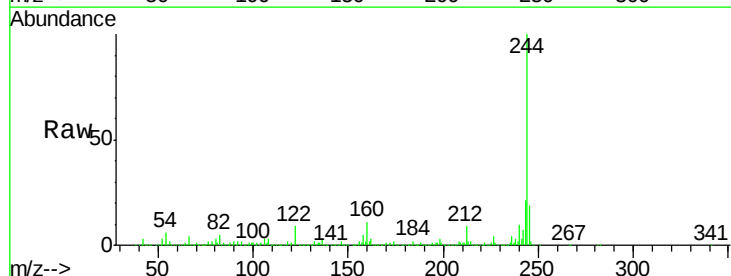
Delta R.T. -0.00 min

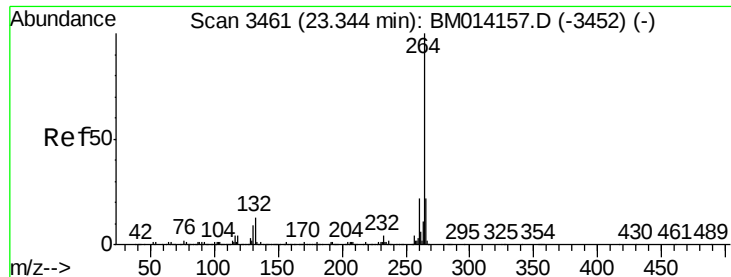
Lab File: BM014172.D

Acq: 07 Feb 2018 21:55

Tgt Ion:244 Resp: 2546605

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	8.6	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: BM014172.D
Acq: 07 Feb 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.6	27.8
265	21.4	17.3	25.9

