

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011413.D
 Acq On : 02 Sep 2017 13:41
 Operator : SJ/JU
 Sample : I5073-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMP

Quant Time: Sep 04 04:09:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	405865	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1685697	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	896451	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2019398	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2447322	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2344063	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3522112	146.08	ng	0.00
7) Phenol-d6	7.13	99	4267644	127.65	ng	0.00
23) Nitrobenzene-d5	9.15	82	2596492	101.50	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1487322	143.40	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6214118	99.92	ng	-0.01
78) Terphenyl-d14	19.96	244	8991344	91.16	ng	-0.01

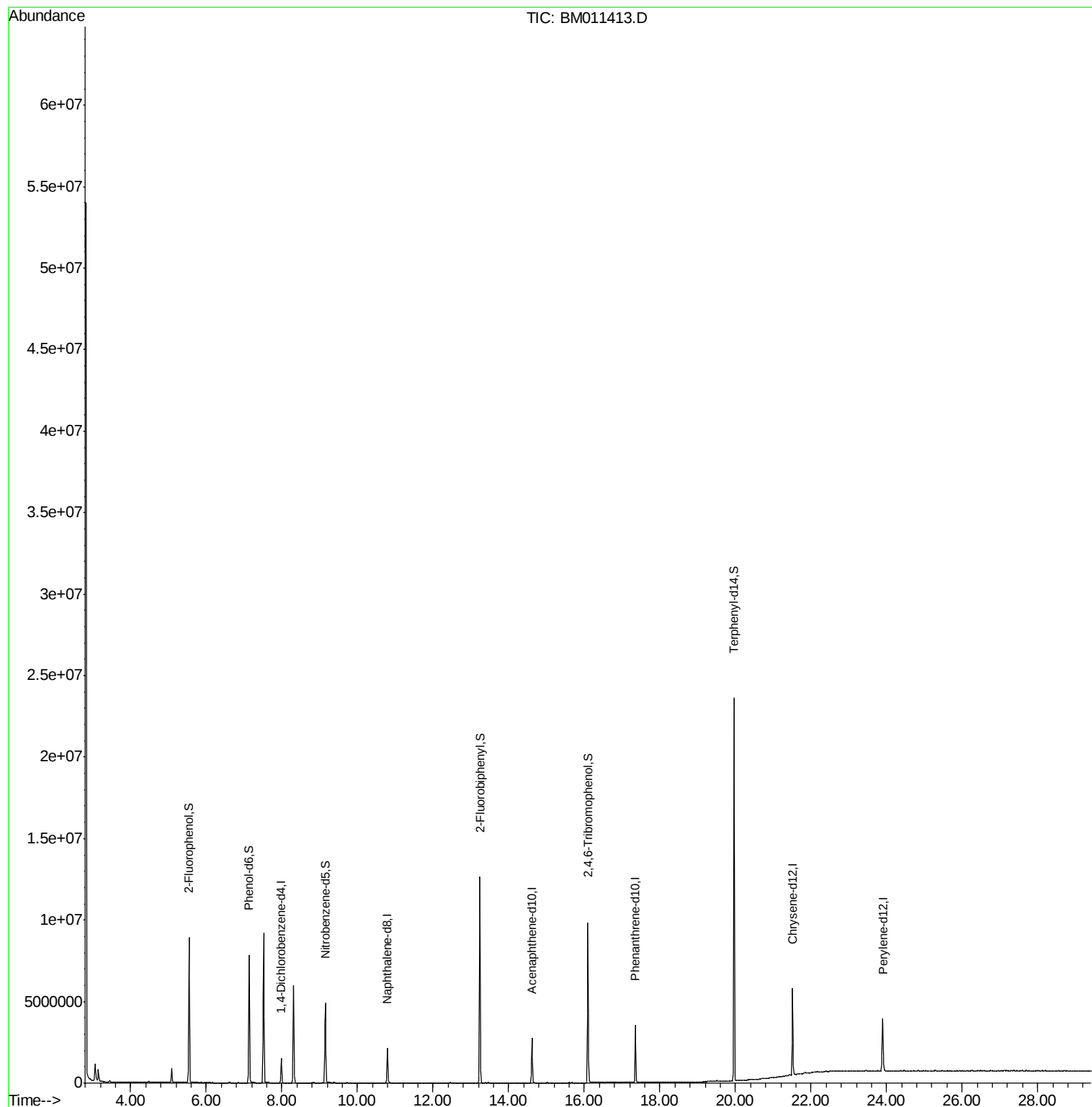
Target Compounds Qvalue

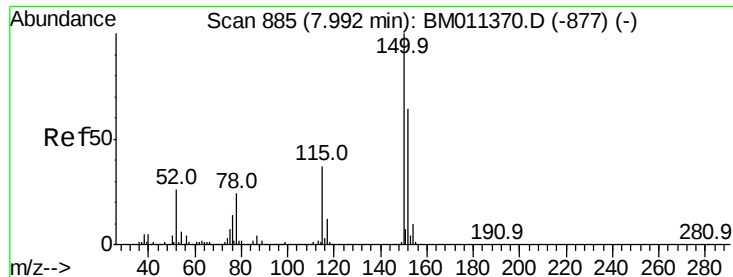
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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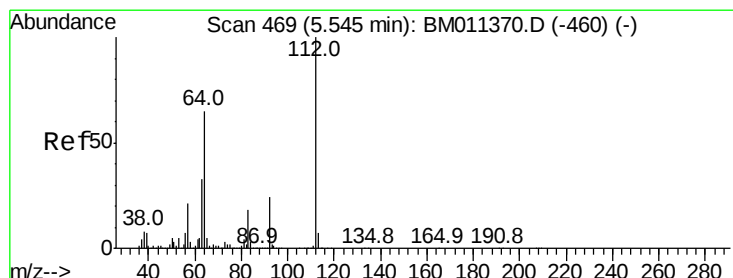
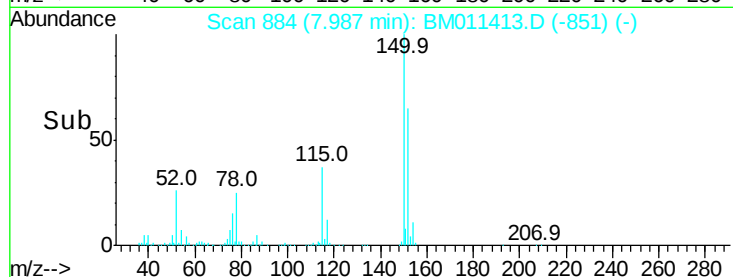
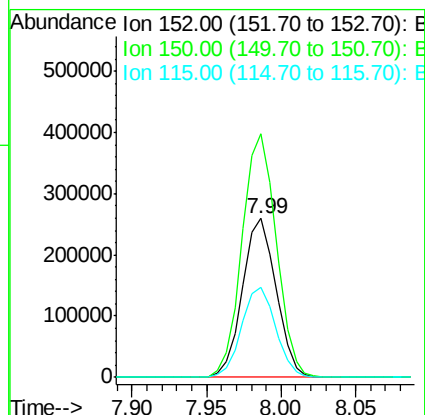
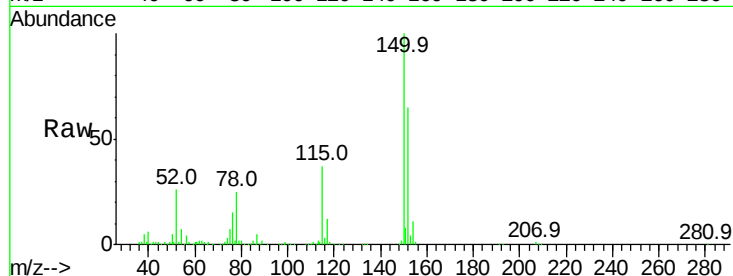


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011413.D
Acq: 02 Sep 2017 13:41

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMP

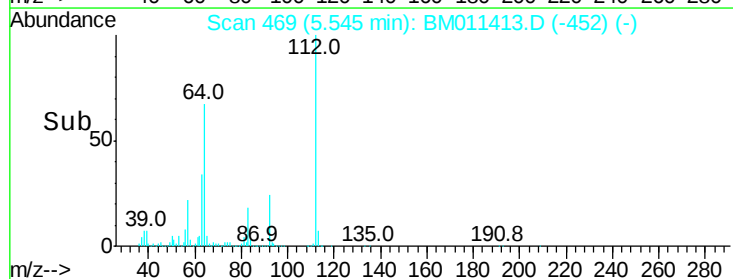
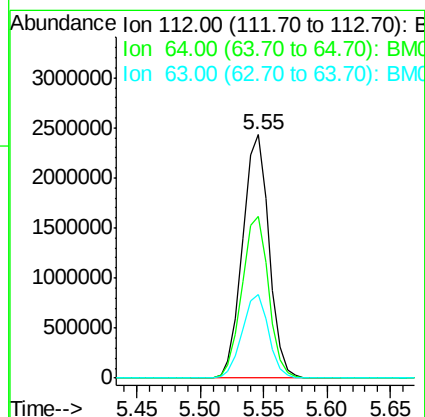
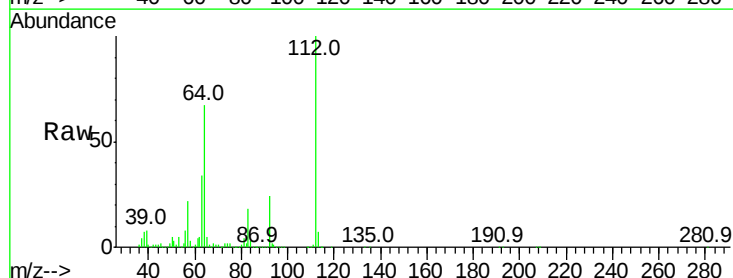
Tot Ion:152 Resp: 405865
Ion Ratio Lower Upper
152 100
150 153.3 119.5 179.3
115 56.9 43.0 64.4

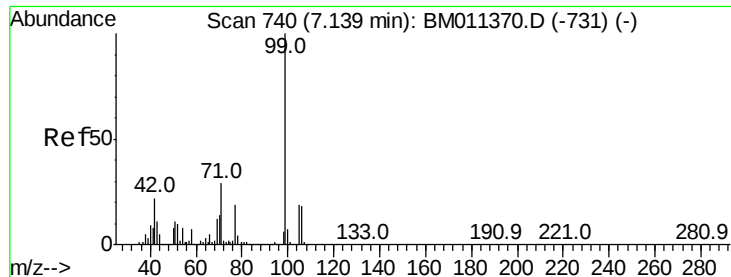


#5

2-Fluorophenol
Concen: 146.075 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011413.D
Acq: 02 Sep 2017 13:41

Tgt Ion:112 Resp: 3522112
Ion Ratio Lower Upper
112 100
64 66.5 38.6 57.8#
63 34.1 19.3 28.9#





#7

Phenol-d6

Concen: 127.645 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011413.D

Acq: 02 Sep 2017 13:41

Instrument :

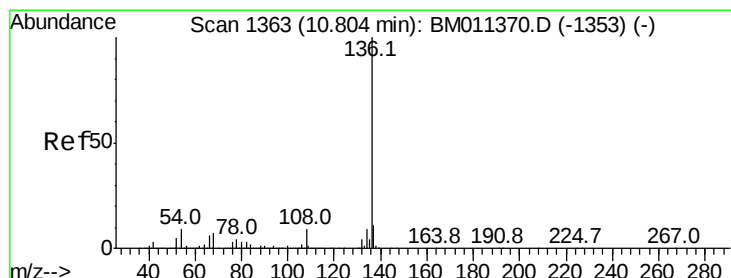
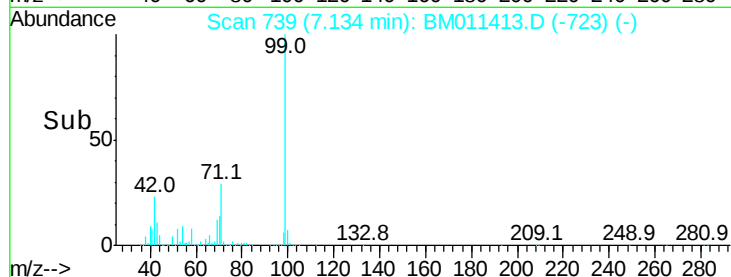
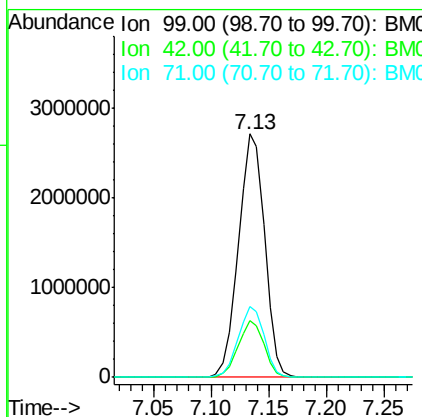
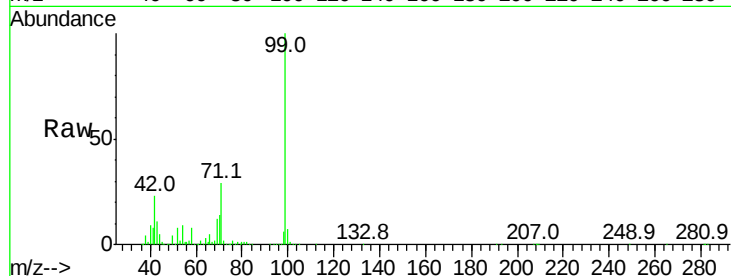
BNA_M

ClientSampleId :

TP-3-4-COMP

Tot Ion: 99 Resp: 4267644

Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.0	16.4#
71	29.2	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

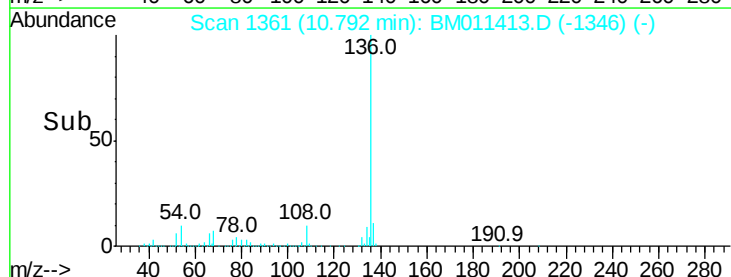
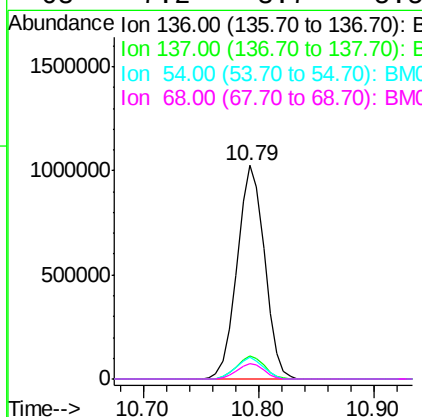
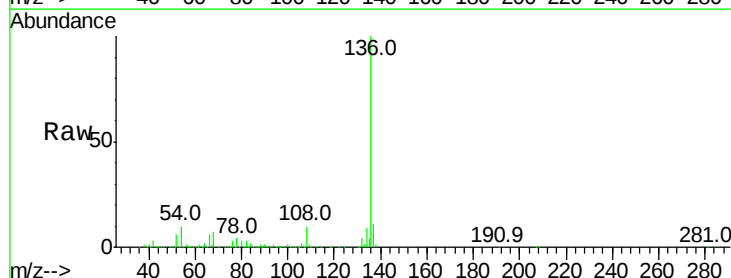
Delta R.T. -0.01 min

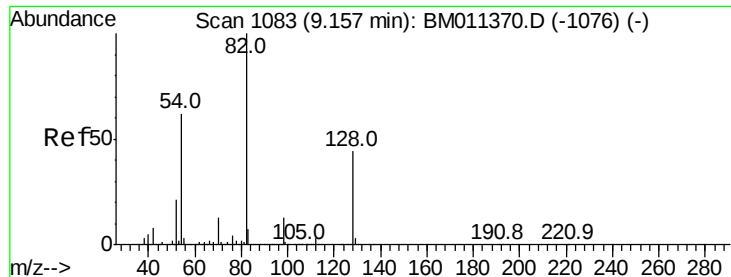
Lab File: BM011413.D

Acq: 02 Sep 2017 13:41

Tgt Ion: 136 Resp: 1685697

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.1	4.6	6.8#
68	7.2	3.7	5.5#

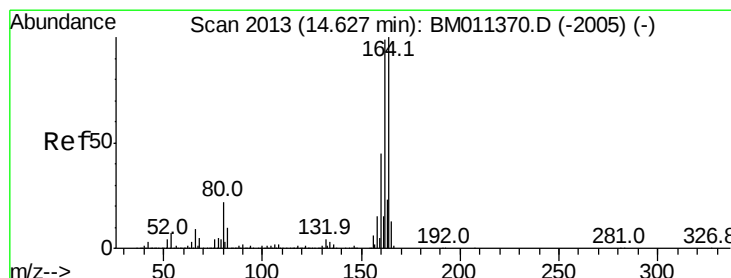
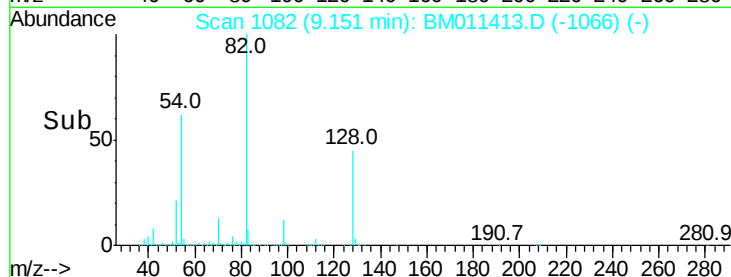
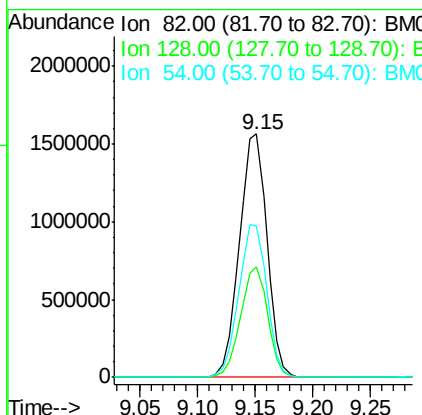
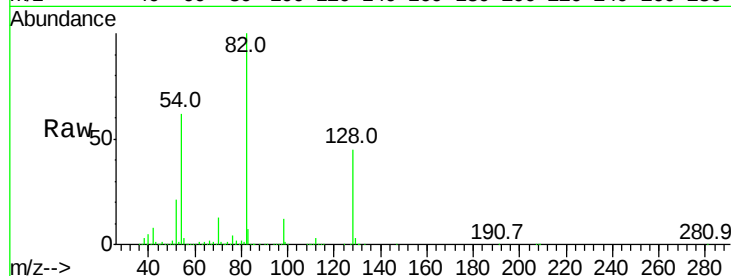




#23
 Nitrobenzene-d5
 Concen: 101.504 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

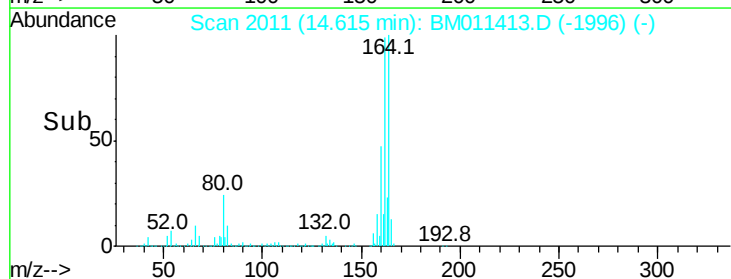
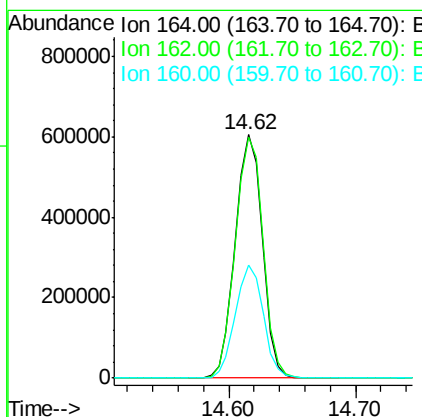
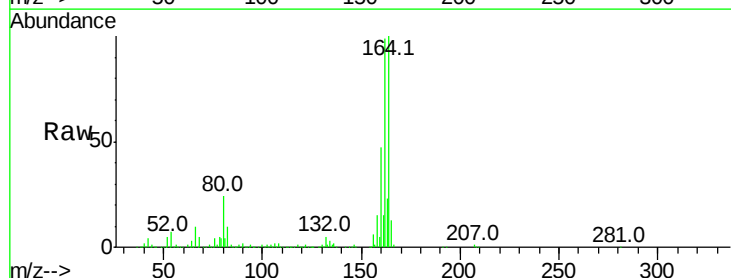
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMP

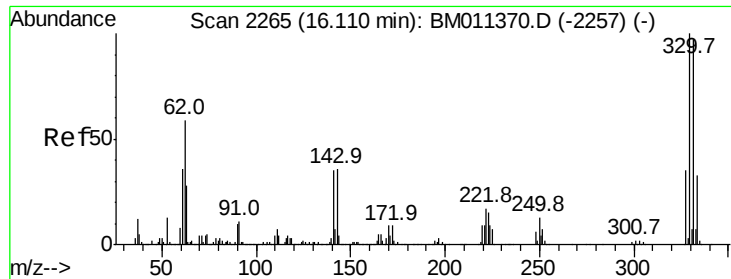
Tot Ion: 82 Resp: 2596492
 Ion Ratio Lower Upper
 82 100
 128 45.2 32.8 49.2
 54 62.2 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

Tgt Ion: 164 Resp: 896451
 Ion Ratio Lower Upper
 164 100
 162 98.9 82.4 123.6
 160 46.6 35.8 53.6

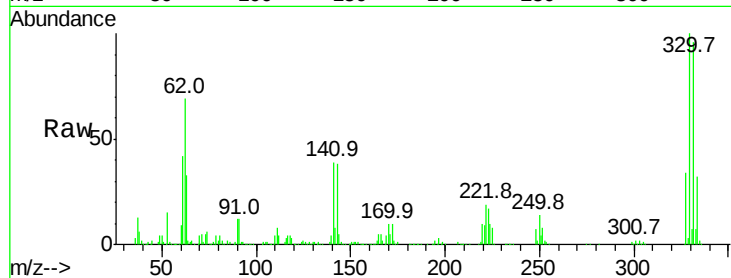




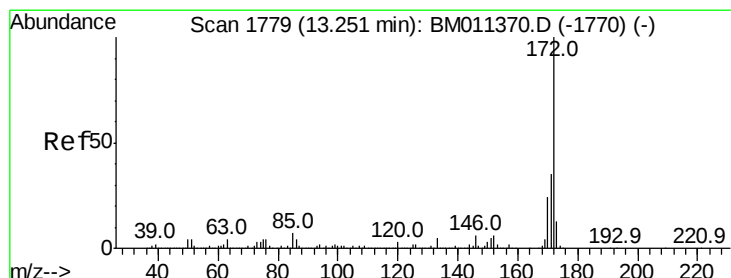
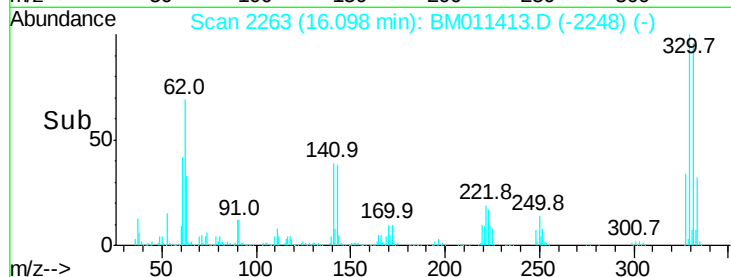
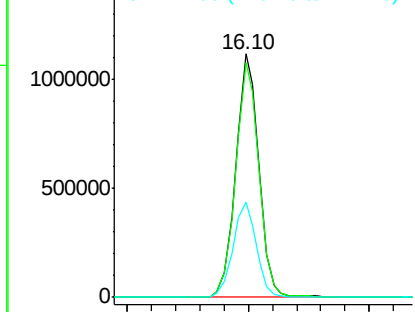
#41
 2,4,6-Tribromophenol
 Concen: 143.404 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMP

Tot Ion:330 Resp: 1487322
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 39.8 0.0 0.0#

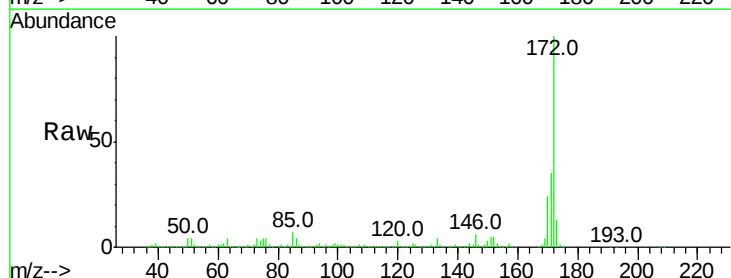


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

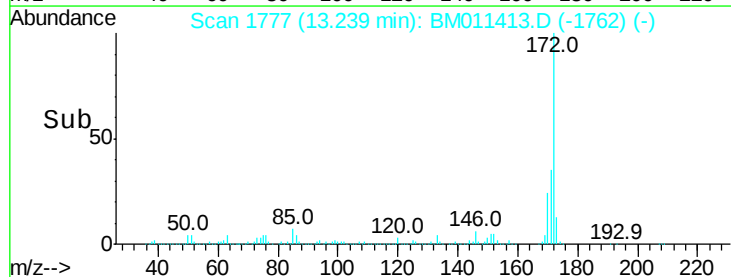
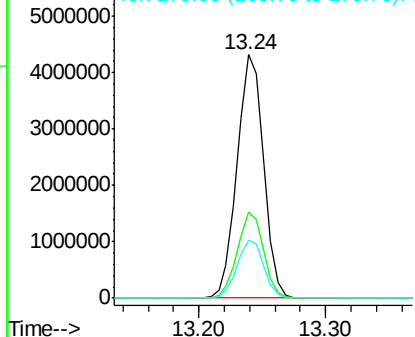


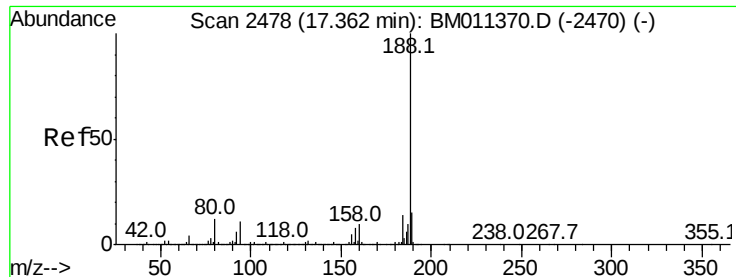
#44
 2-Fluorobiphenyl
 Concen: 99.922 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

Tgt Ion:172 Resp: 6214118
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.9 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

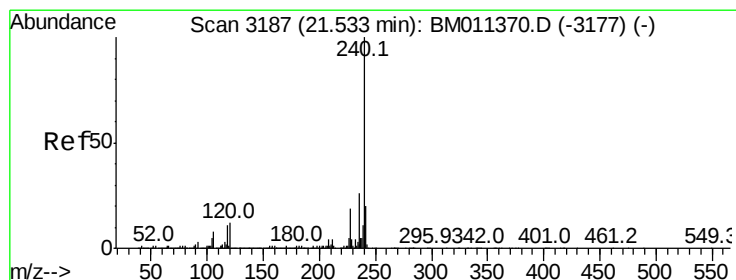
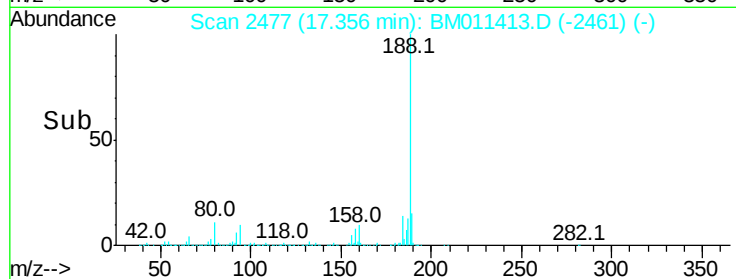
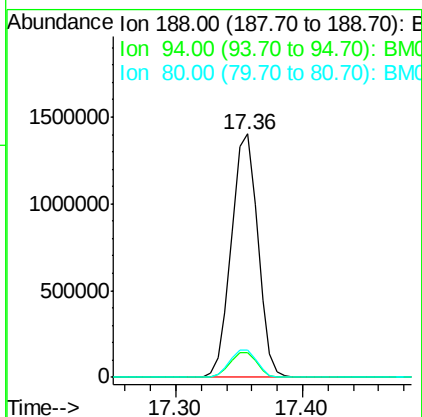
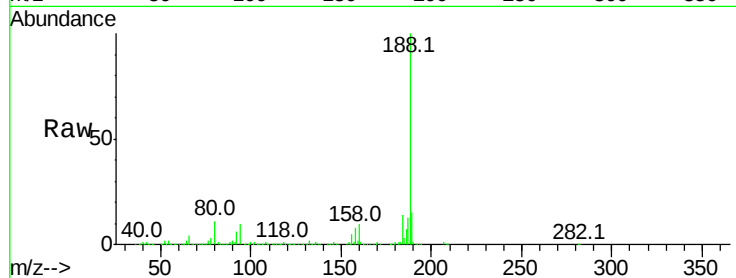




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011413.D
Acq: 02 Sep 2017 13:41

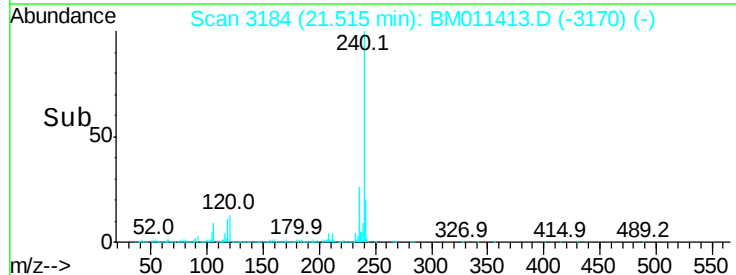
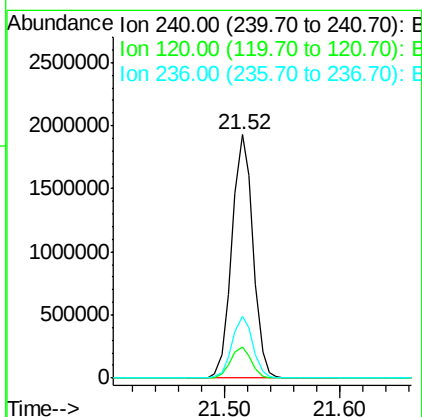
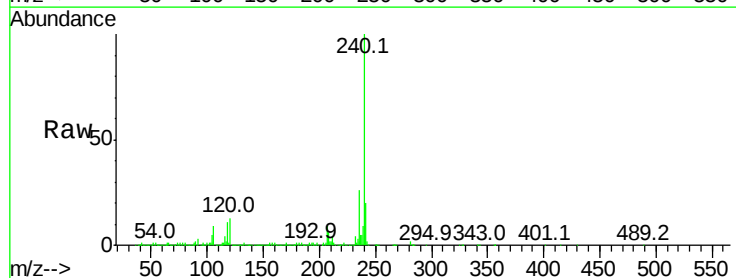
Instrument :
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TP-3-4-COMP

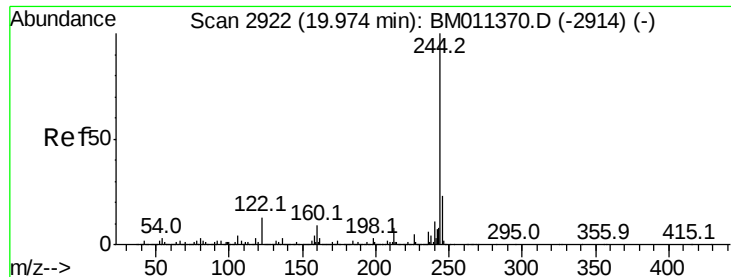
Tot Ion:188 Resp: 2019398
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011413.D
Acq: 02 Sep 2017 13:41

Tgt Ion:240 Resp: 2447322
Ion Ratio Lower Upper
240 100
120 12.6 8.2 12.2#
236 25.6 20.0 30.0





#78

Terphenyl-d14

Concen: 91.159 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011413.D

Acq: 02 Sep 2017 13:41

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMP

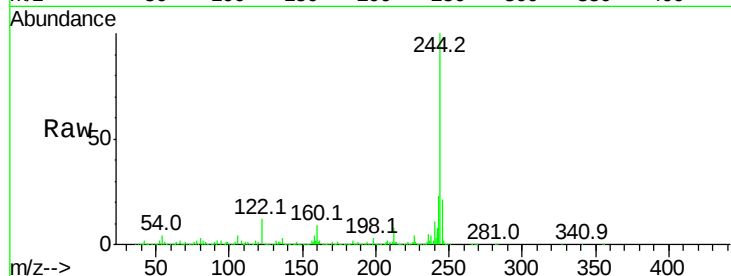
Tot Ion:244 Resp: 8991344

Ion Ratio Lower Upper

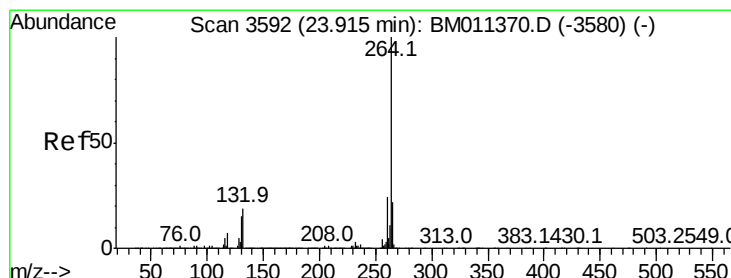
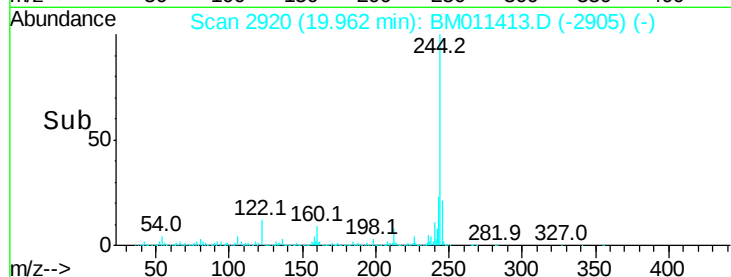
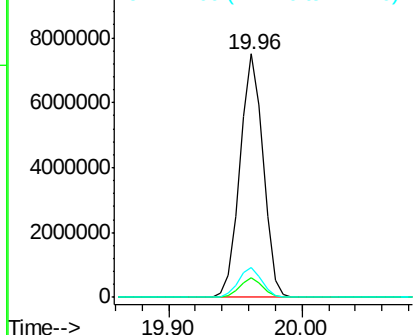
244 100

212 7.9 4.9 7.3#

122 12.2 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: 20.000 ng

RT: 23.90 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BM011413.D

Acq: 02 Sep 2017 13:41

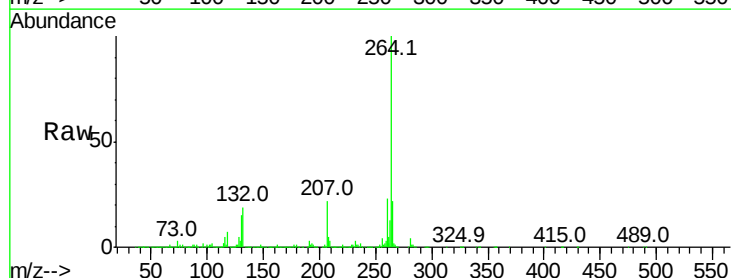
Tgt Ion:264 Resp: 2344063

Ion Ratio Lower Upper

264 100

260 23.2 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

