

Data Path : Z:\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 03:00:09 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

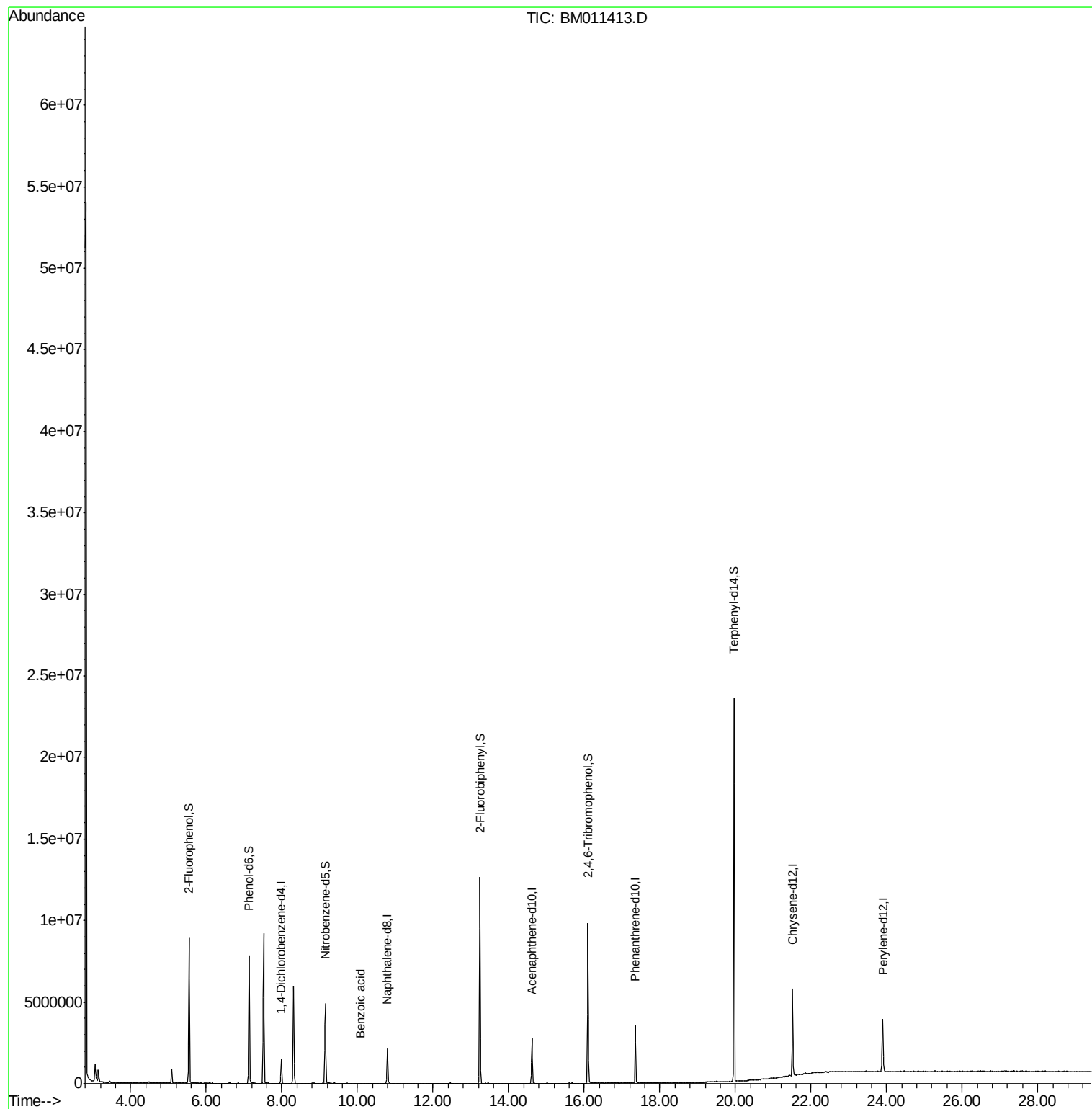
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	405865	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1685697	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	896451	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2019398	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2447322	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						
32) Benzoic acid	10.07	122	109	6.545	ng	Qvalue # 52

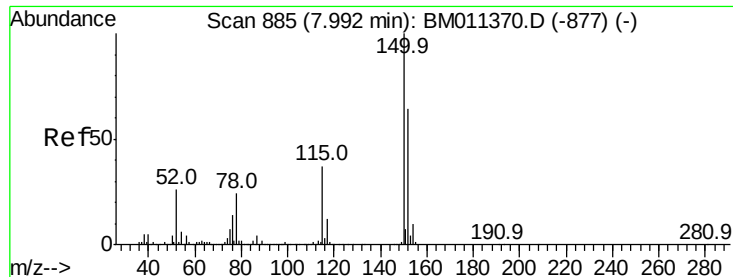
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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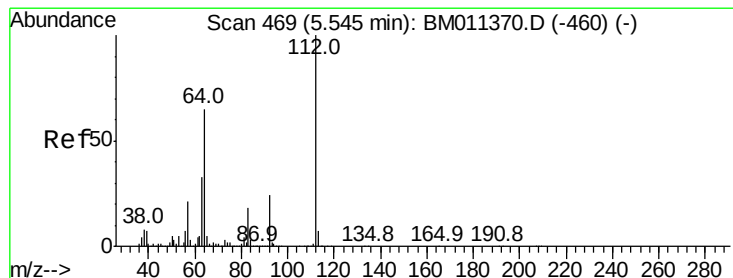
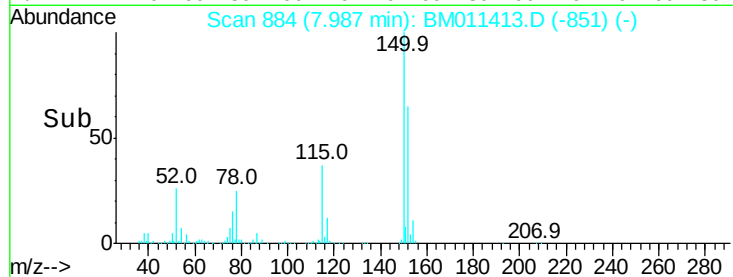
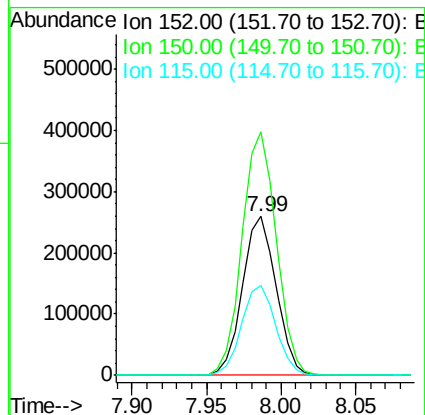
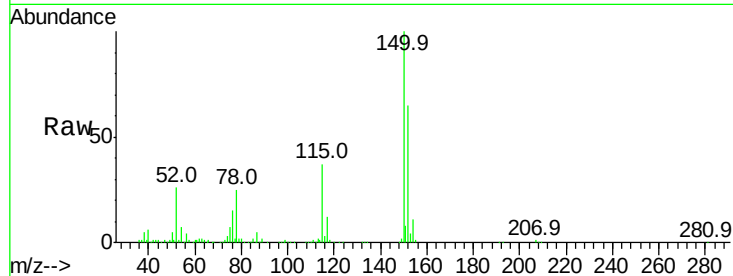


#1

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

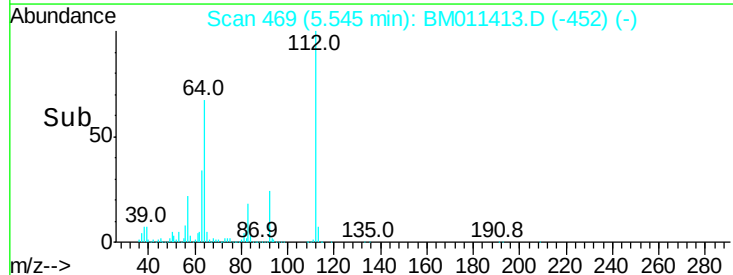
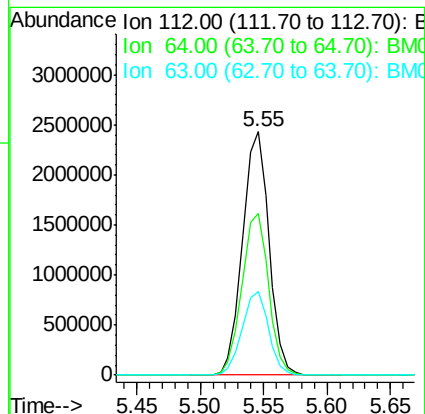
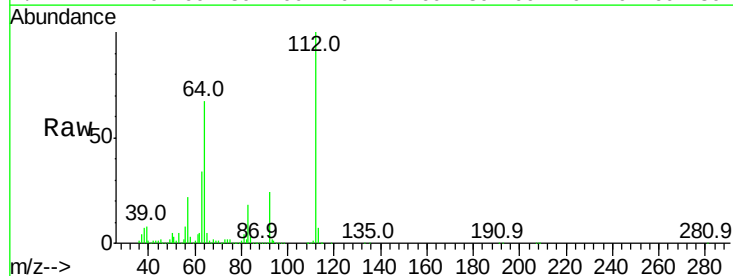
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	119.5	179.3
115	56.9	43.0	64.4

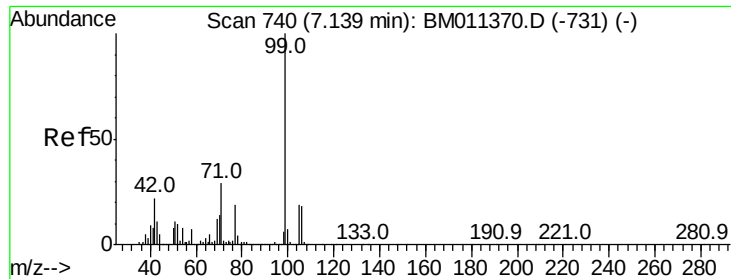


#5

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	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 :

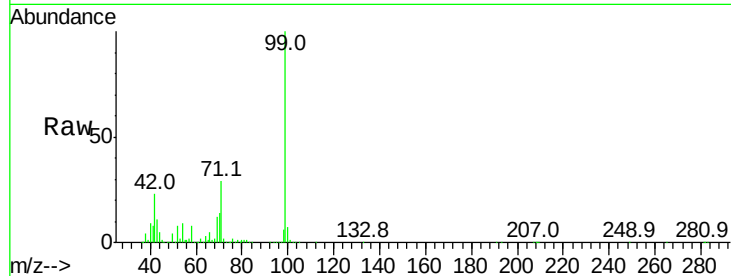
BNA_M

ClientSampleId :

TP-3-4-COMP

Tot Ion: 99 Resp: 4267644

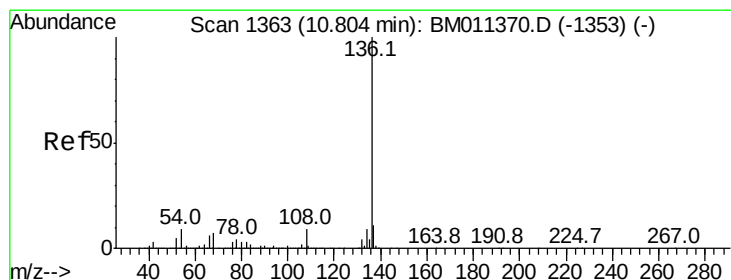
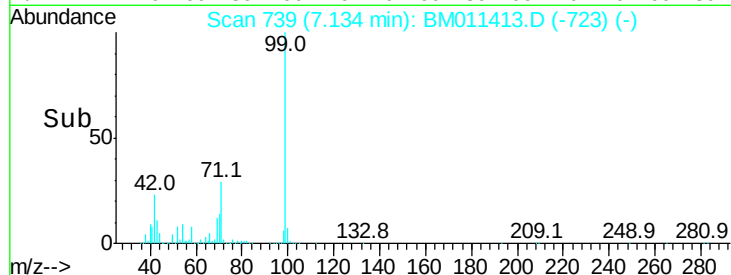
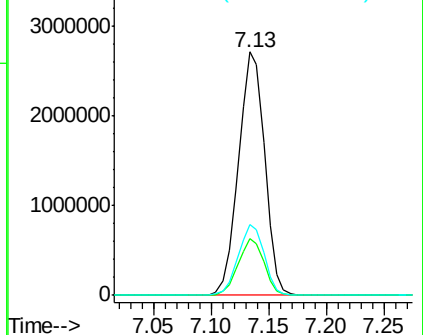
Ion	Ratio	Lower	Upper
99	100		
42	23.1	11.0	16.4#
71	29.2	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011413.D (-723) (-)

Ion 42.00 (41.70 to 42.70): BM011413.D (-723) (-)

Ion 71.00 (70.70 to 71.70): BM011413.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

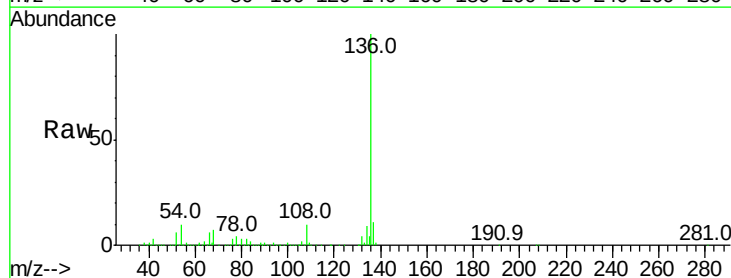
Delta R.T. -0.01 min

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#

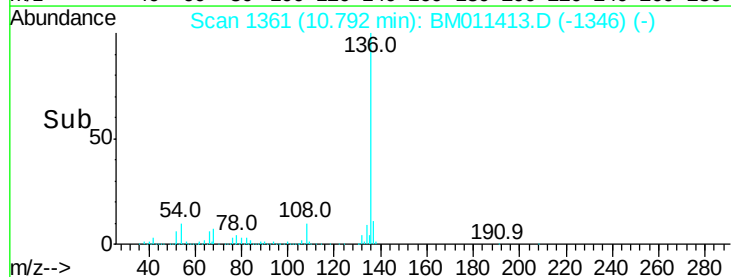
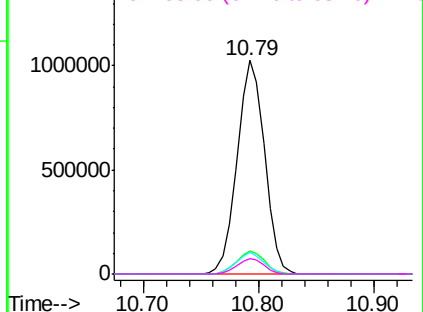


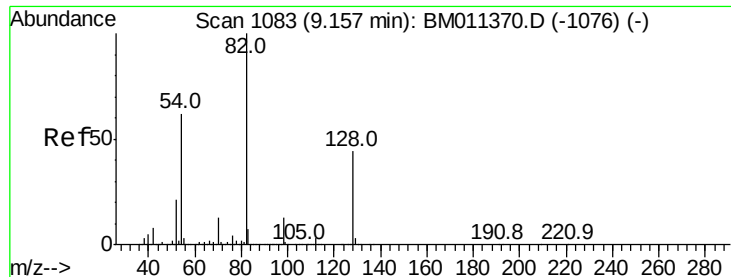
Abundance Ion 136.00 (135.70 to 136.70): BM011413.D (-1346) (-)

Ion 137.00 (136.70 to 137.70): BM011413.D (-1346) (-)

Ion 54.00 (53.70 to 54.70): BM011413.D (-1346) (-)

Ion 68.00 (67.70 to 68.70): BM011413.D (-1346) (-)

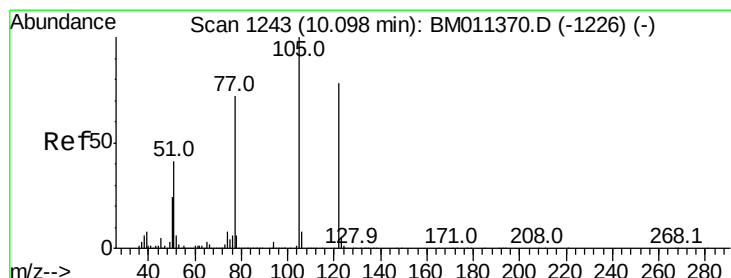
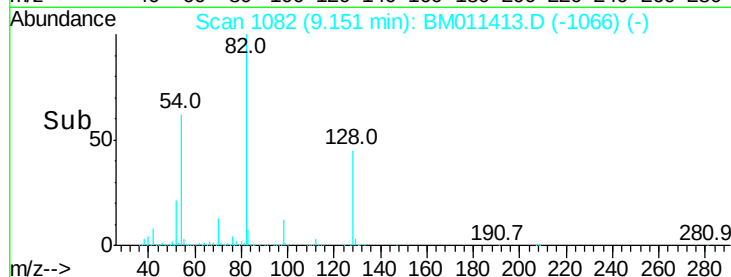
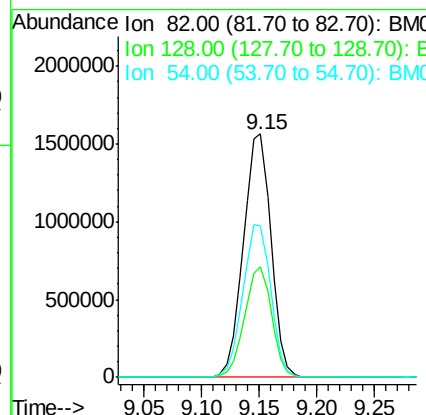
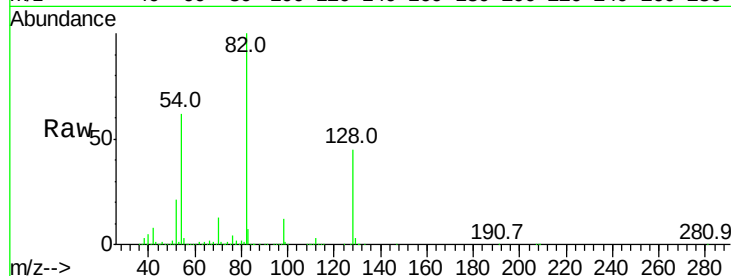




#23
 Nitrobenzene-d5
 Concen: 101.504 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

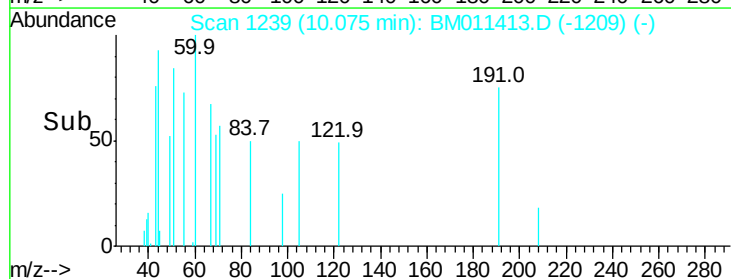
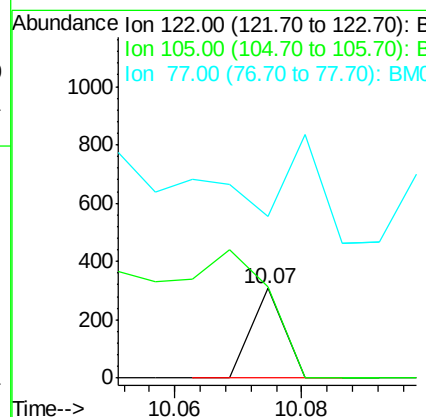
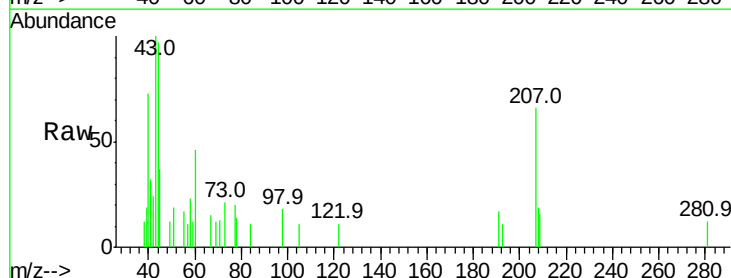
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4-COMP

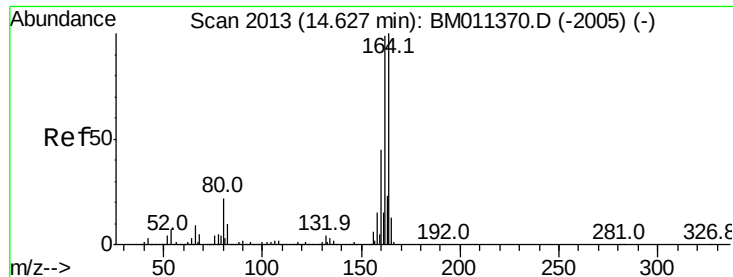
Tot Ion: 82 Resp: 2596492
 Ion Ratio Lower Upper
 82 100
 128 45.2 32.8 49.2
 54 62.2 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.545 ng
 RT: 10.07 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

Tgt Ion: 122 Resp: 109
 Ion Ratio Lower Upper
 122 100
 105 101.9 99.9 139.9
 77 179.5 73.7 113.7#





#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

Instrument :

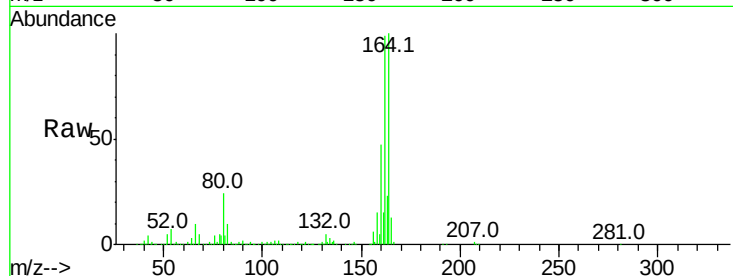
BNA_M

ClientSampleId :

TP-3-4-COMP

Tot Ion:164 Resp: 896451

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.4	123.6
160	46.6	35.8	53.6

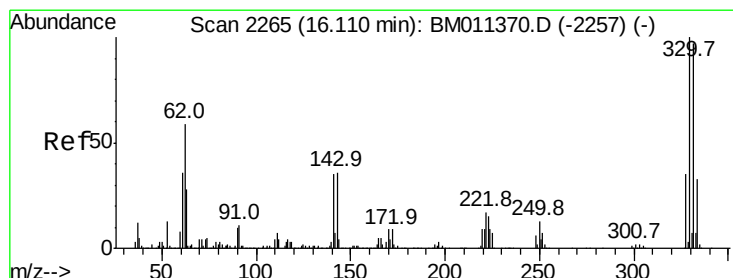
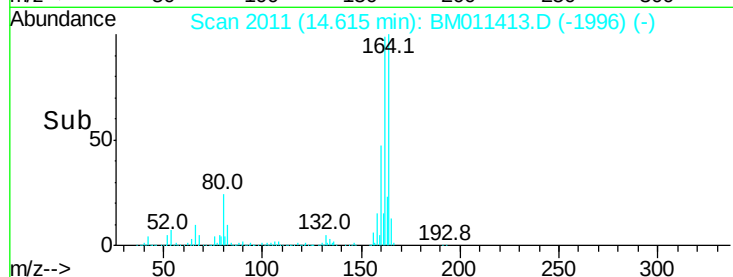
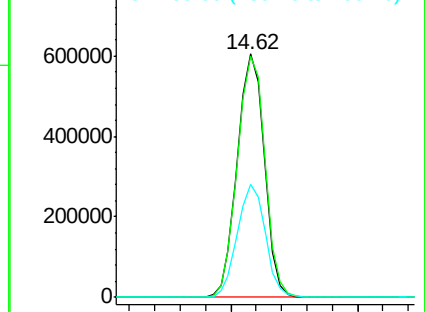


Abundance

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: 143.404 ng

RT: 16.10 min Scan# 2263

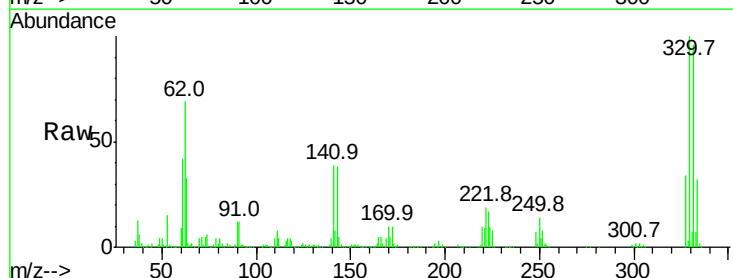
Delta R.T. -0.01 min

Lab File: BM011413.D

Acq: 02 Sep 2017 13:41

Tgt Ion:330 Resp: 1487322

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	39.8	0.0	0.0#

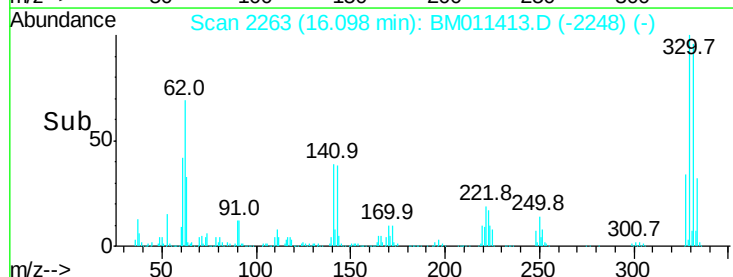
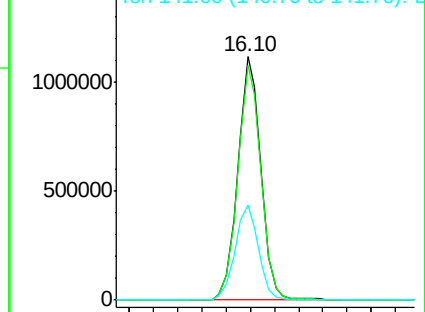


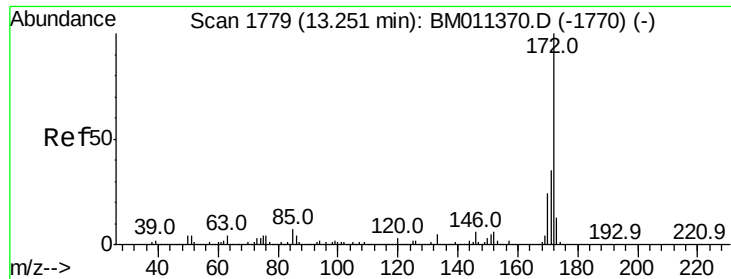
Abundance

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



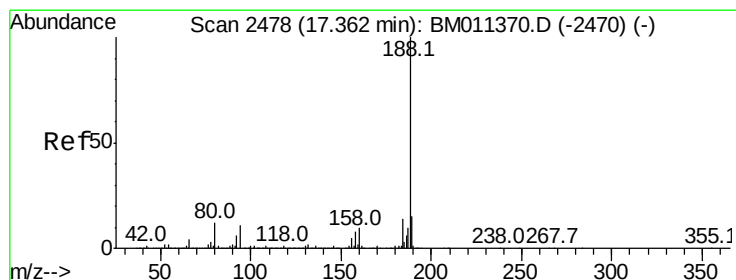
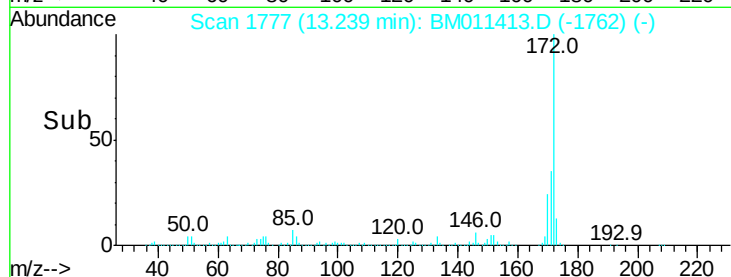
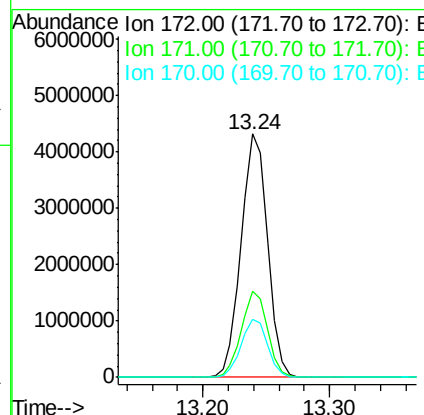
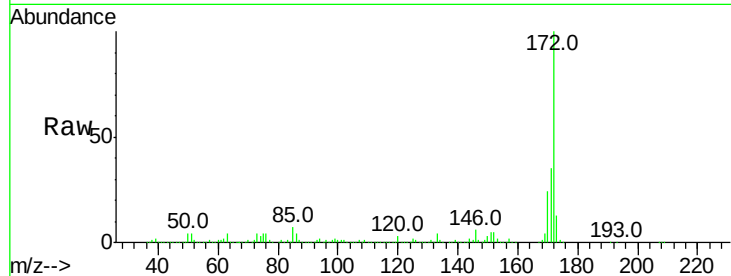


#44
 2-Fluorobiphenyl
 Concen: 99.922 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

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

Tot Ion:172 Resp: 6214118

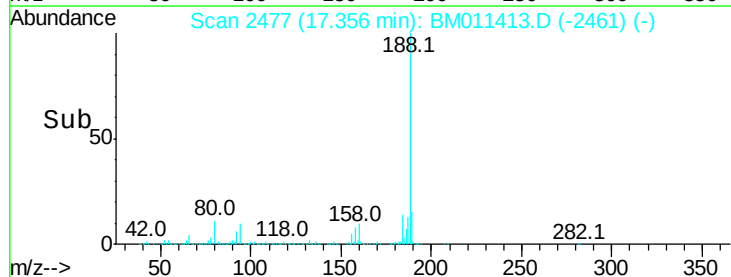
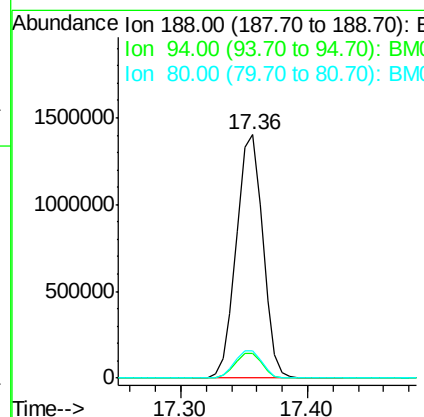
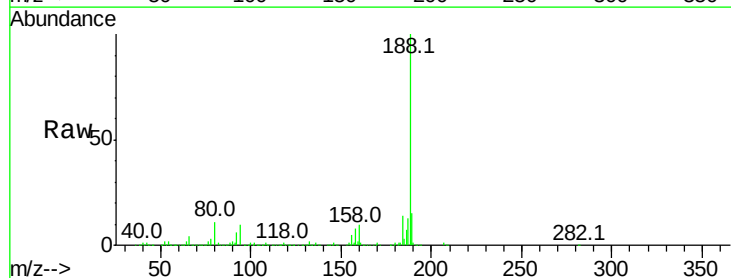
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.9	18.8	28.2

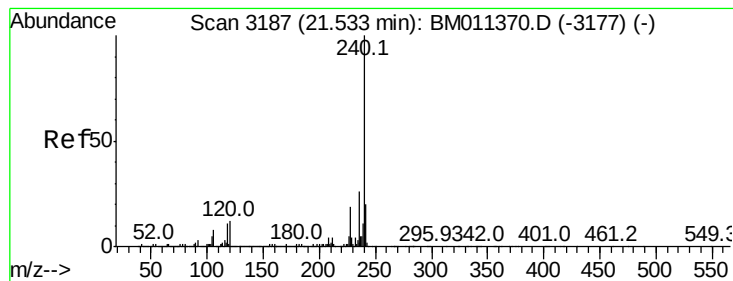


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM011413.D
 Acq: 02 Sep 2017 13:41

Tgt 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

Instrument :

BNA_M

ClientSampleId :

TP-3-4-COMP

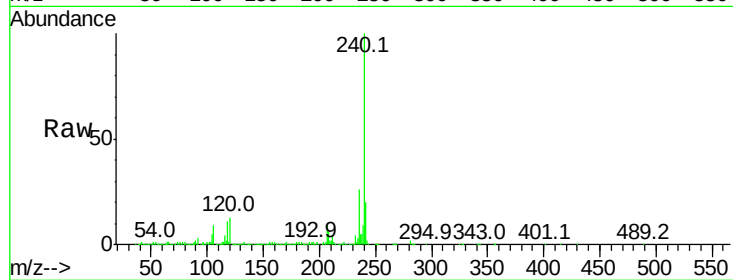
Tot Ion:240 Resp: 2447322

Ion Ratio Lower Upper

240 100

120 12.6 8.2 12.2#

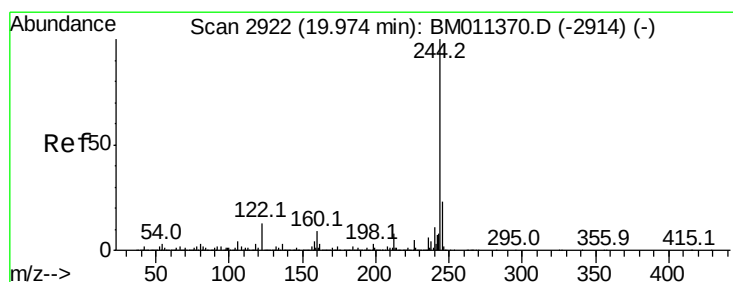
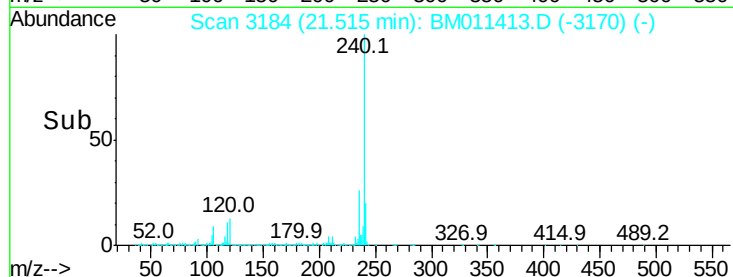
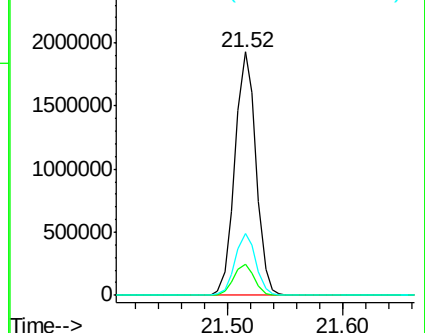
236 25.6 20.0 30.0



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: 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

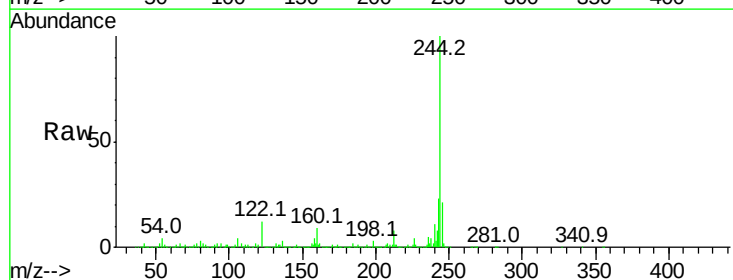
Tgt Ion:244 Resp: 8991344

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

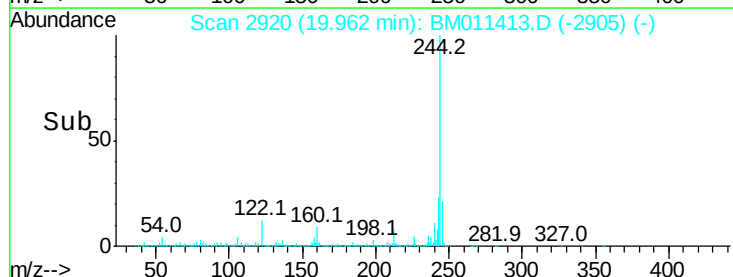
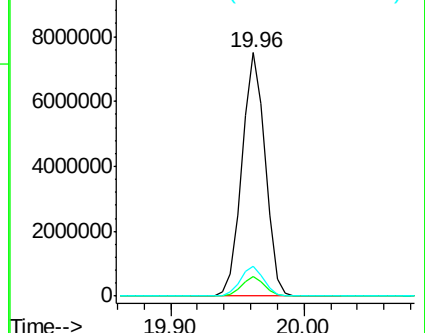
122 12.2 6.2 9.4#

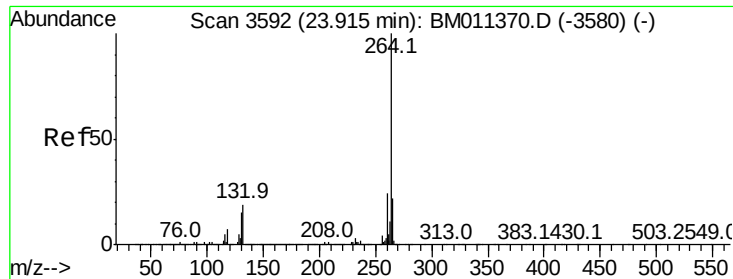


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

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

Tot Ion: 264 Resp: 2344063

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.0	17.3	25.9

