

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011417.D
 Acq On : 02 Sep 2017 16:06
 Operator : SJ/JU
 Sample : I5074-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7-8-COMP

Quant Time: Sep 04 03:01:34 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

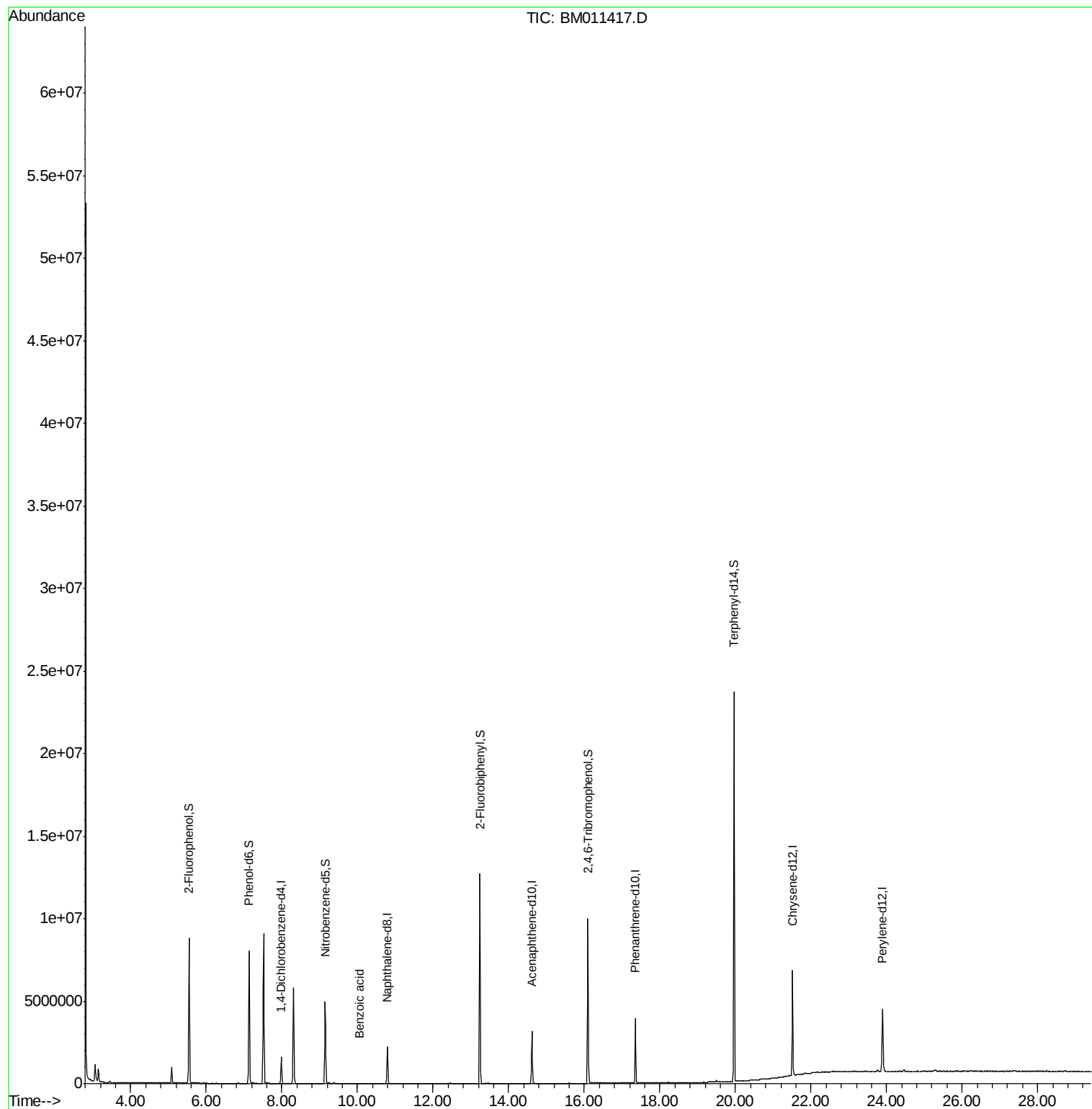
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	426173	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1806542	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	994718	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	2306865	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2856497	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2725379	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3581097	141.44	ng	0.00
7) Phenol-d6	7.13	99	4355507	124.07	ng	0.00
23) Nitrobenzene-d5	9.15	82	2633191	96.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1578266	137.14	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6269704	90.86	ng	-0.01
78) Terphenyl-d14	19.96	244	9497554	82.50	ng	-0.01
Target Compounds						
32) Benzoic acid	10.06	122	337	6.555	ng	Qvalue # 17

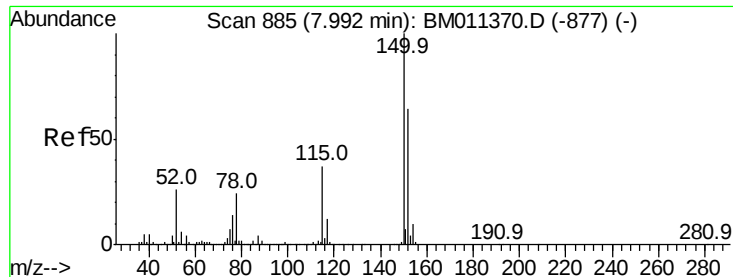
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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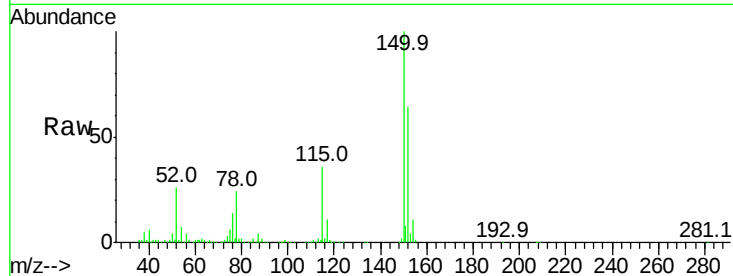


#1

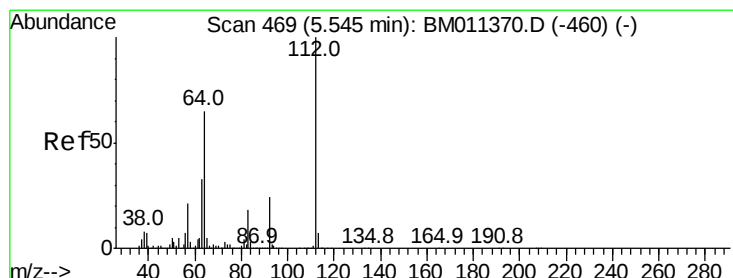
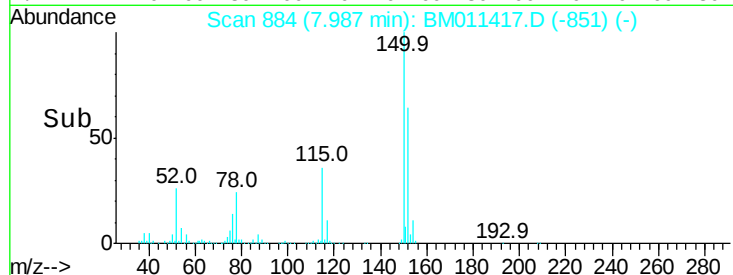
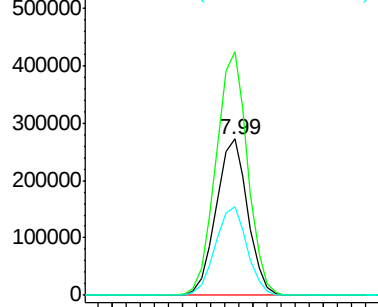
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011417.D
Acq: 02 Sep 2017 16:06

Instrument :
BNA_M
ClientSampleId :
TP-7-8-COMP

Tot Ion:152 Resp: 426173
Ion Ratio Lower Upper
152 100
150 155.7 119.5 179.3
115 56.6 43.0 64.4



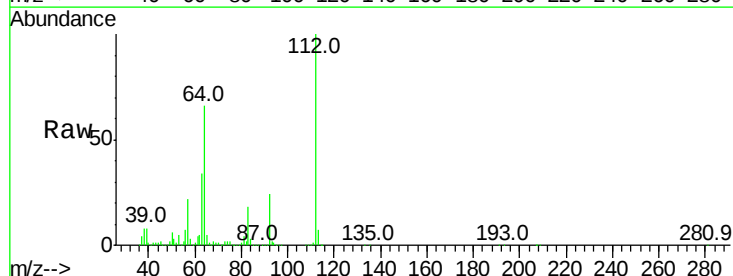
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



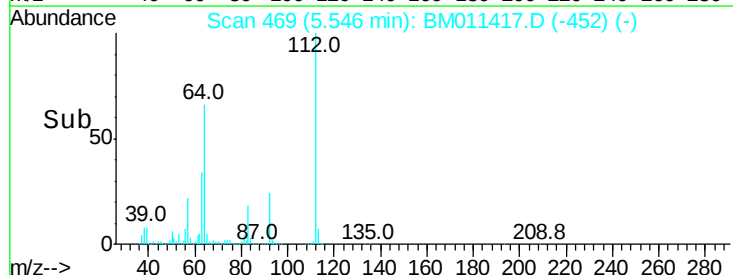
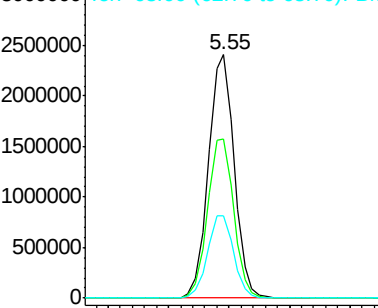
#5

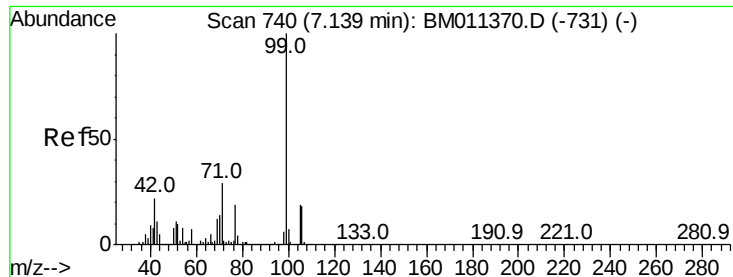
2-Fluorophenol
Concen: 141.444 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011417.D
Acq: 02 Sep 2017 16:06

Tgt Ion:112 Resp: 3581097
Ion Ratio Lower Upper
112 100
64 65.5 38.6 57.8#
63 33.7 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: 124.066 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

Instrument :

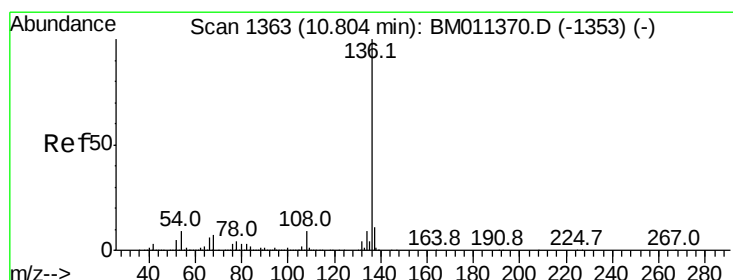
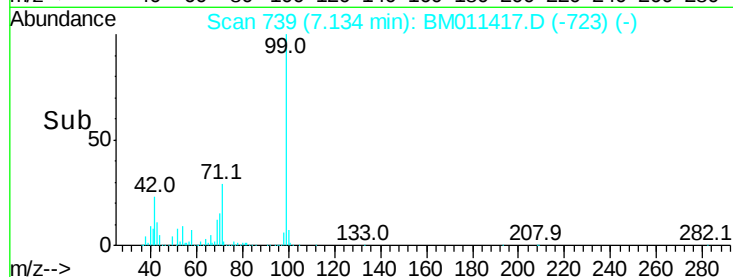
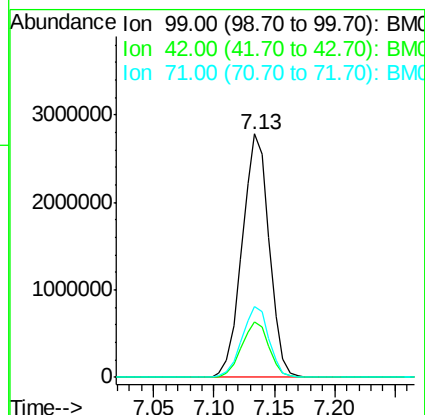
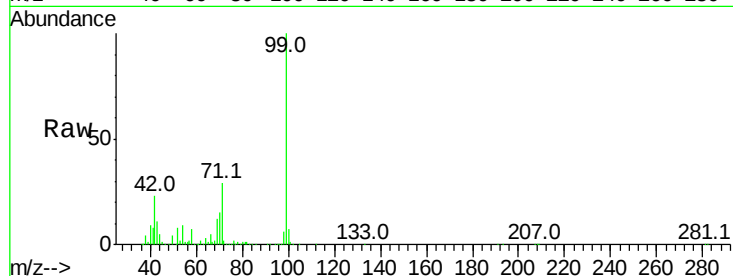
BNA_M

ClientSampleId :

TP-7-8-COMP

Tot Ion: 99 Resp: 4355507

Ion	Ratio	Lower	Upper
99	100		
42	22.9	11.0	16.4#
71	29.3	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

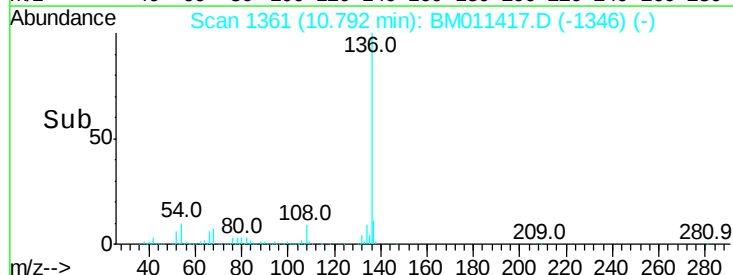
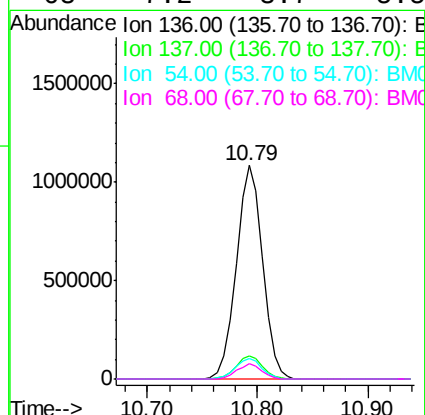
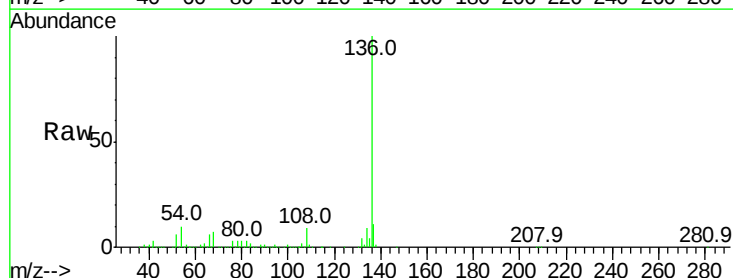
Delta R.T. -0.01 min

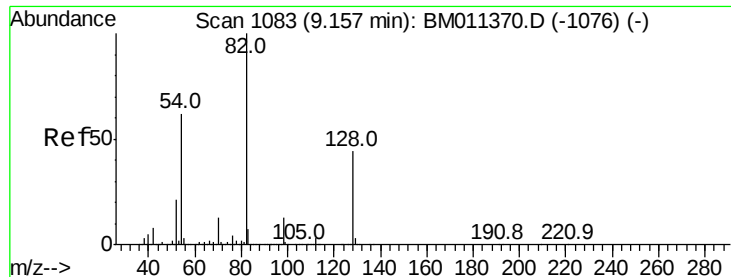
Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

Tgt Ion: 136 Resp: 1806542

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.7	4.6	6.8#
68	7.2	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 96.052 ng

RT: 9.15 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

Instrument :

BNA_M

ClientSampleId :

TP-7-8-COMP

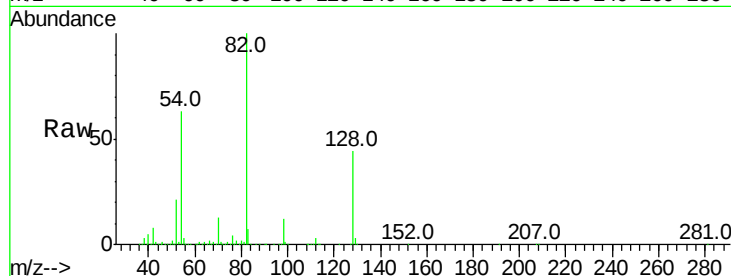
Tot Ion: 82 Resp: 2633191

Ion Ratio Lower Upper

82 100

128 44.2 32.8 49.2

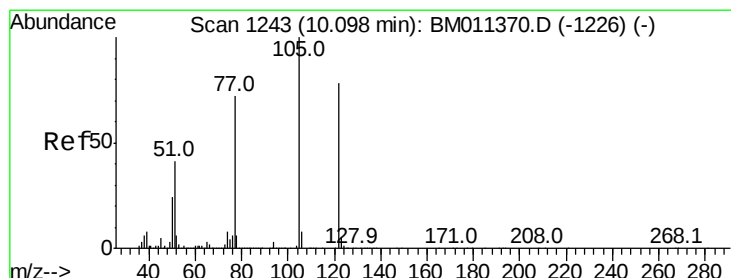
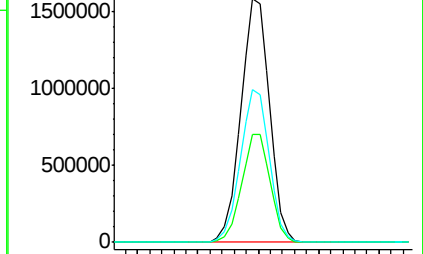
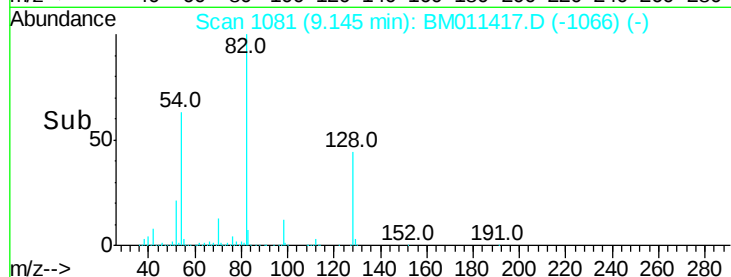
54 62.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011417.D (-1066) (-)

Ion 128.00 (127.70 to 128.70): BM011417.D (-1066) (-)

Ion 54.00 (53.70 to 54.70): BM011417.D (-1066) (-)



#32

Benzoic acid

Concen: 6.555 ng

RT: 10.06 min Scan# 1237

Delta R.T. -0.04 min

Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

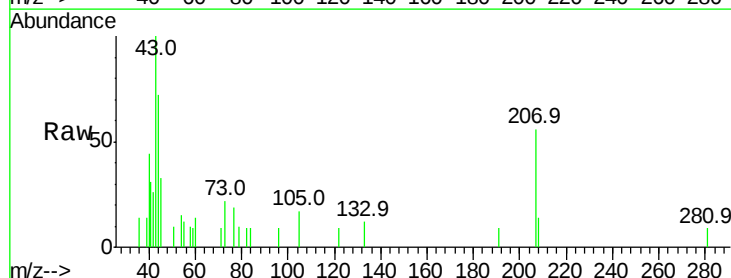
Tgt Ion: 122 Resp: 337

Ion Ratio Lower Upper

122 100

105 182.0 99.9 139.9#

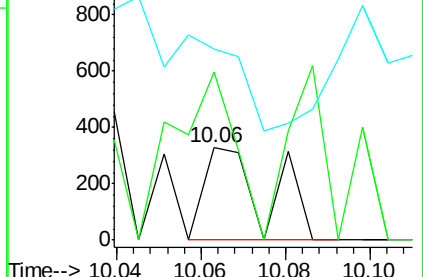
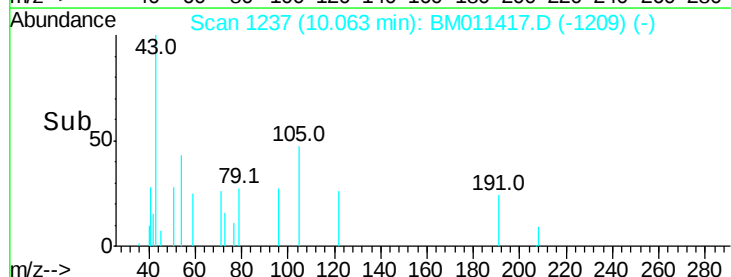
77 207.0 73.7 113.7#

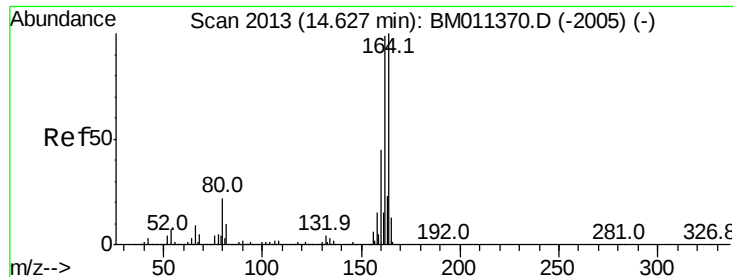


Abundance Ion 122.00 (121.70 to 122.70): BM011417.D (-1209) (-)

Ion 105.00 (104.70 to 105.70): BM011417.D (-1209) (-)

Ion 77.00 (76.70 to 77.70): BM011417.D (-1209) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

Instrument :

BNA_M

ClientSampleId :

TP-7-8-COMP

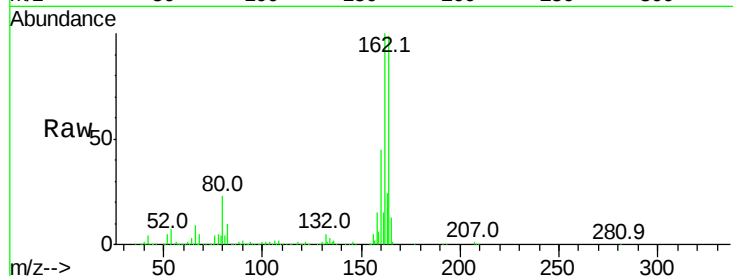
Tot Ion:164 Resp: 994718

Ion Ratio Lower Upper

164 100

162 101.5 82.4 123.6

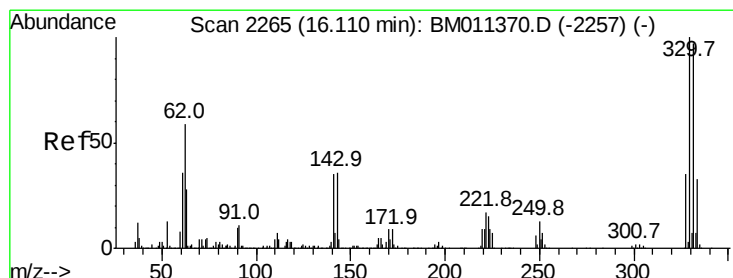
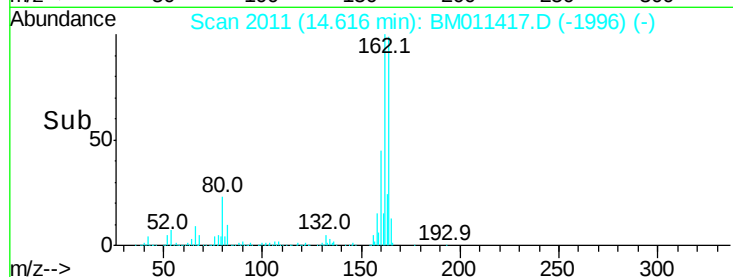
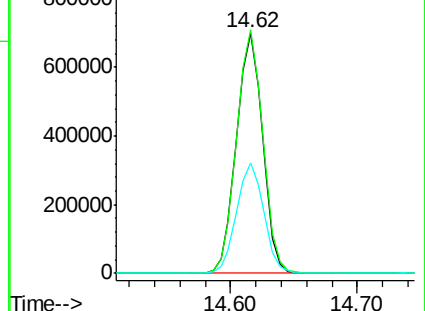
160 46.0 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 137.140 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

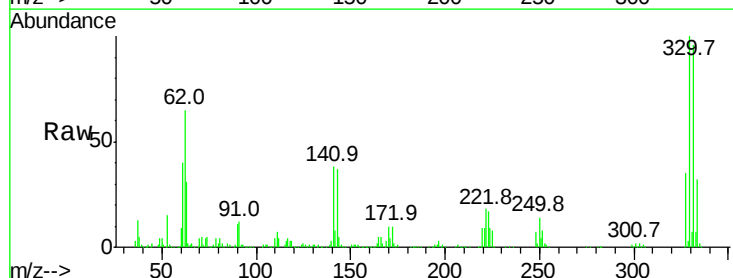
Tgt Ion:330 Resp: 1578266

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

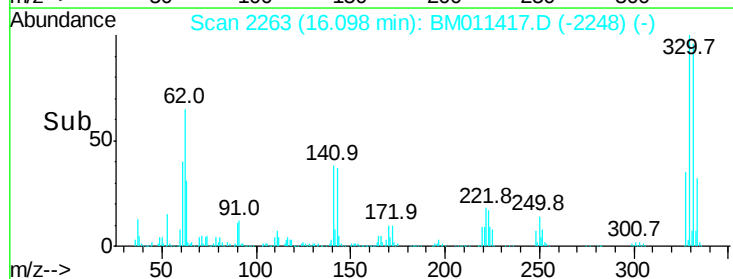
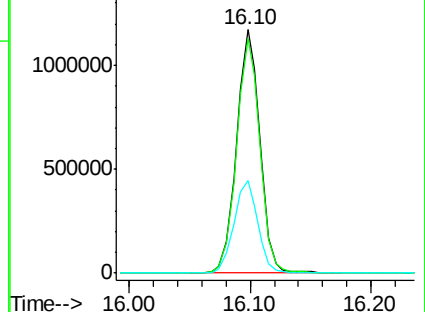
141 38.9 0.0 0.0#

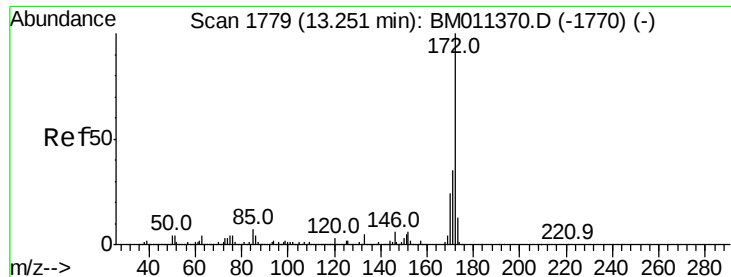


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

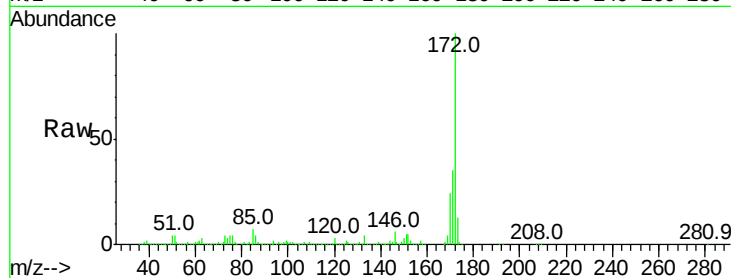




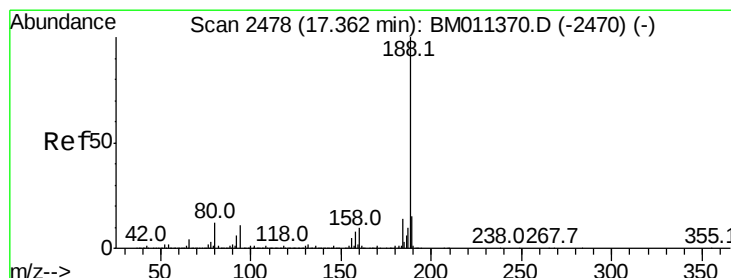
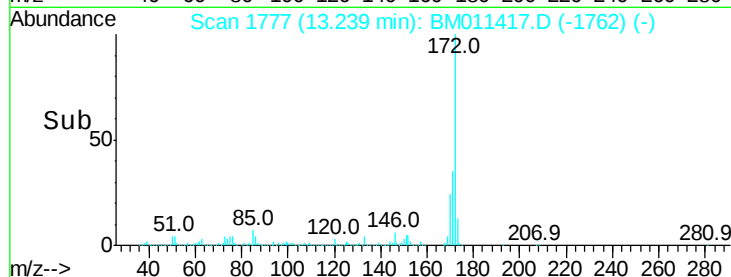
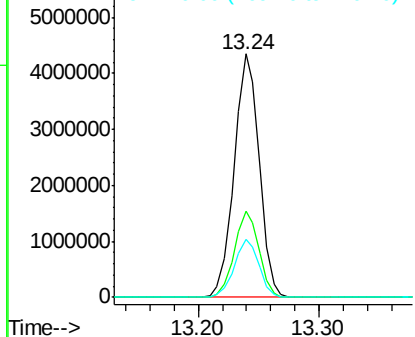
#44
2-Fluorobiphenyl
Concen: 90.856 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011417.D
Acq: 02 Sep 2017 16:06

Instrument :
BNA_M
ClientSampleId :
TP-7-8-COMP

Tot Ion:172 Resp: 6269704
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.0 18.8 28.2

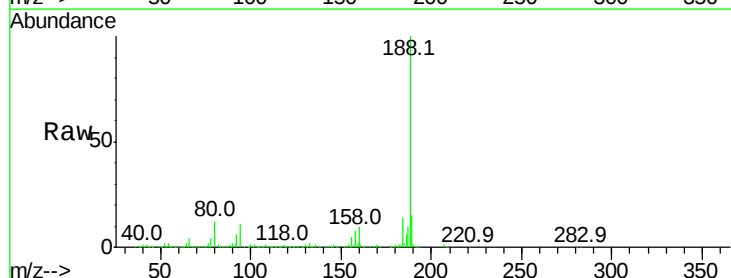


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

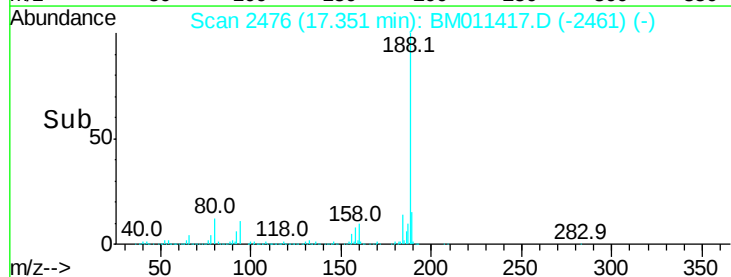
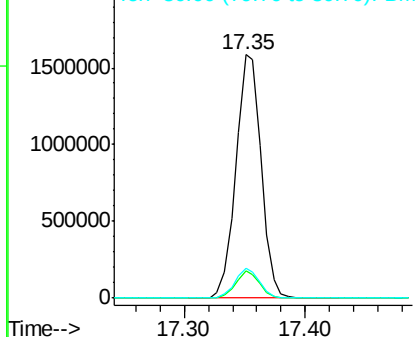


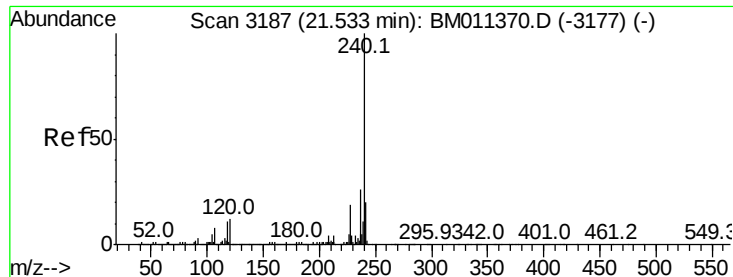
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011417.D
Acq: 02 Sep 2017 16:06

Tgt Ion:188 Resp: 2306865
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 12.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

Instrument :

BNA_M

ClientSampleId :

TP-7-8-COMP

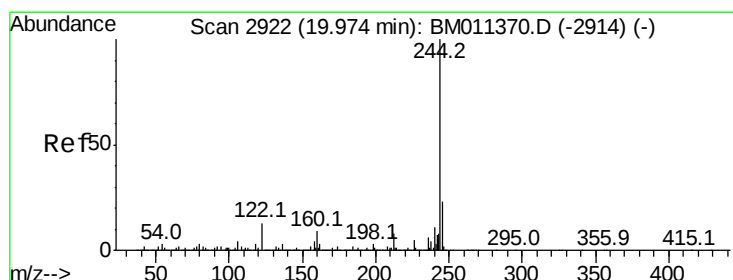
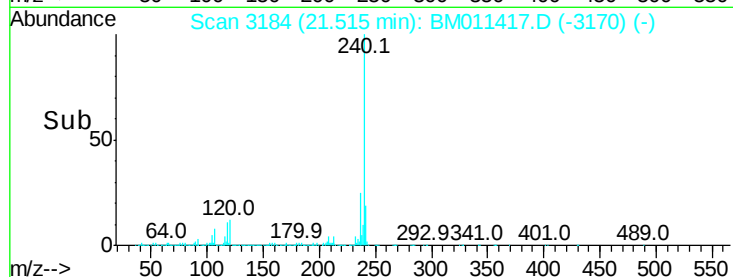
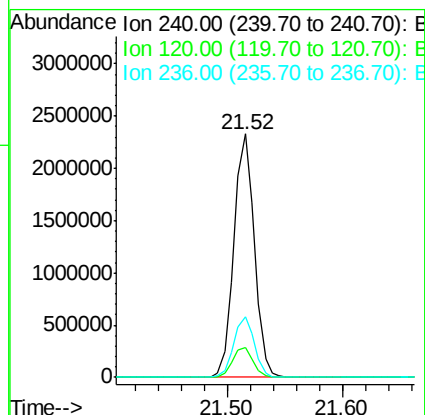
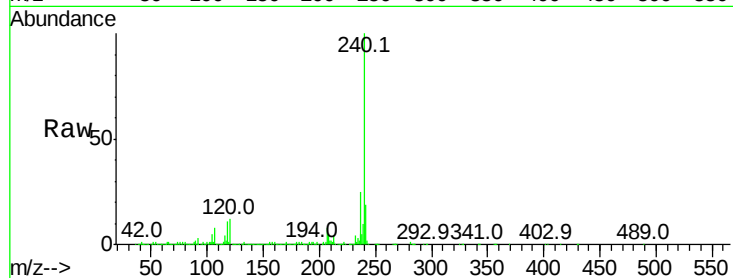
Tot Ion:240 Resp: 2856497

Ion Ratio Lower Upper

240 100

120 12.4 8.2 12.2#

236 25.1 20.0 30.0



#78

Terphenyl-d14

Concen: 82.498 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011417.D

Acq: 02 Sep 2017 16:06

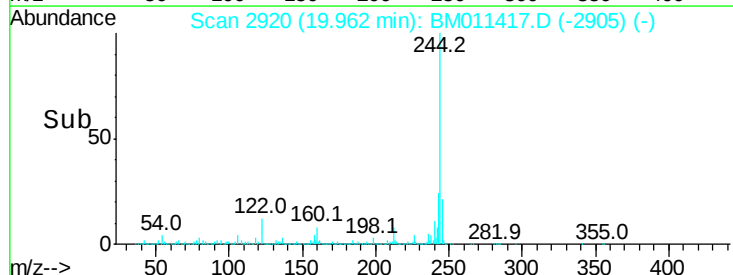
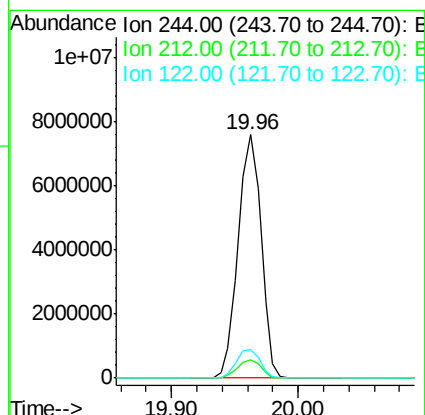
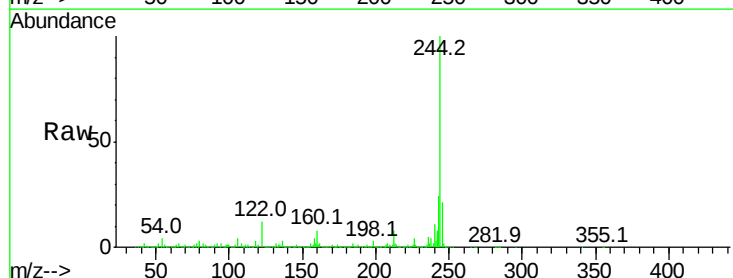
Tgt Ion:244 Resp: 9497554

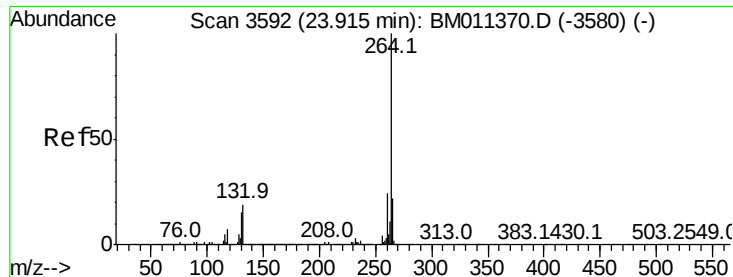
Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

122 12.0 6.2 9.4#



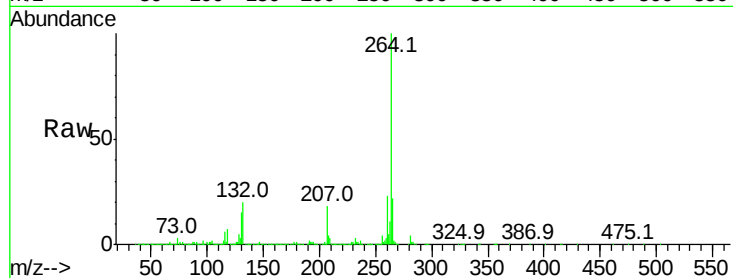


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BM011417.D
Acq: 02 Sep 2017 16:06

Instrument :
BNA_M
ClientSampleId :
TP-7-8-COMP

Tot Ion:264 Resp: 2725379

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.2	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

