

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011458.D
 Acq On : 07 Sep 2017 17:15
 Operator : SJ/JU
 Sample : PB102135BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB102135BL

Quant Time: Sep 08 07:48:05 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

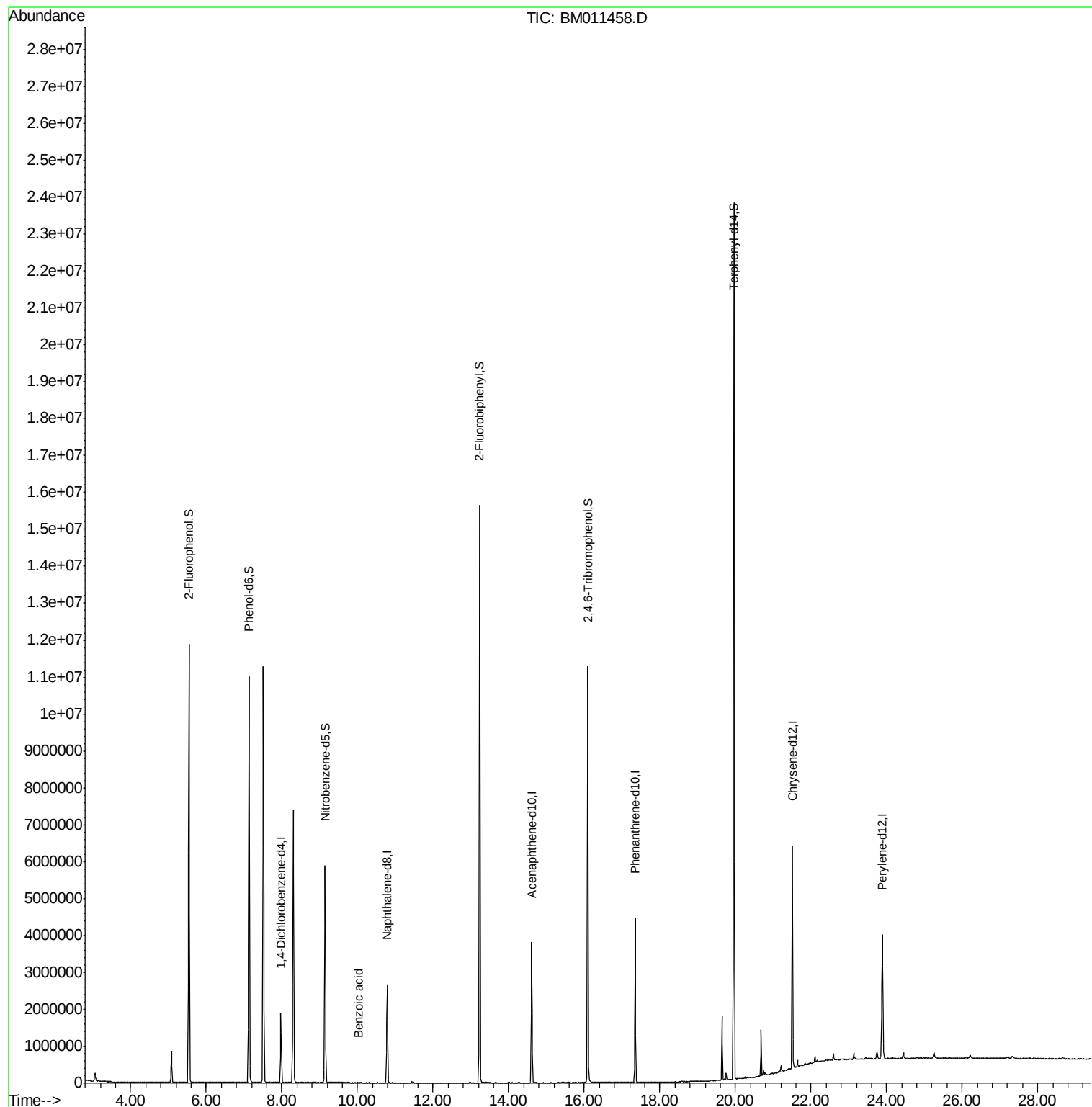
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	510007	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2203124	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1199735	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	2563311	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2759387	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2470451	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4563303	150.61	ng	0.00
7) Phenol-d6	7.13	99	5882099	140.01	ng	0.00
23) Nitrobenzene-d5	9.15	82	3172465	94.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1711681	123.32	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	7567803	90.93	ng	-0.02
78) Terphenyl-d14	19.96	244	9208678	82.80	ng	-0.02
Target Compounds						
32) Benzoic acid	10.03	122	137	6.545	ng	Qvalue # 57

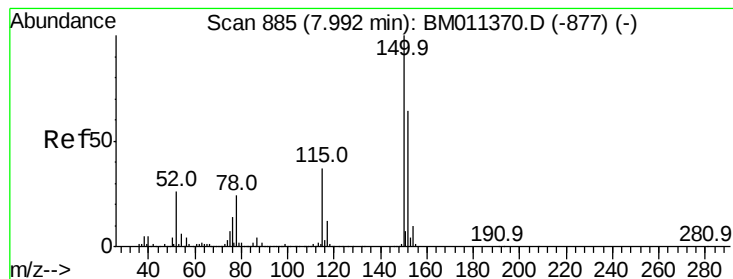
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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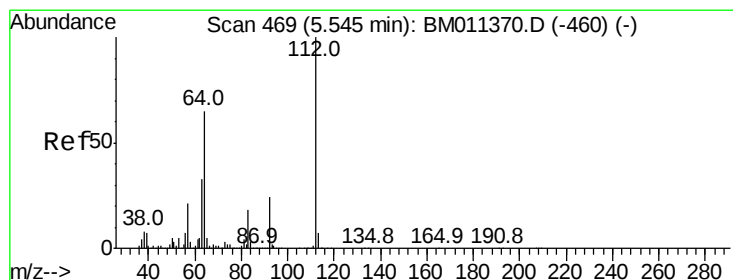
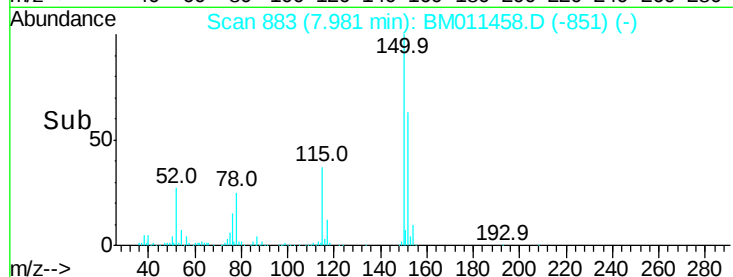
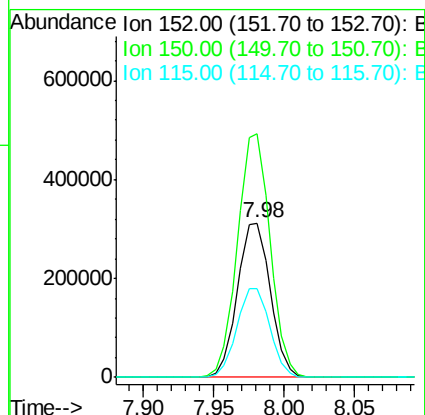
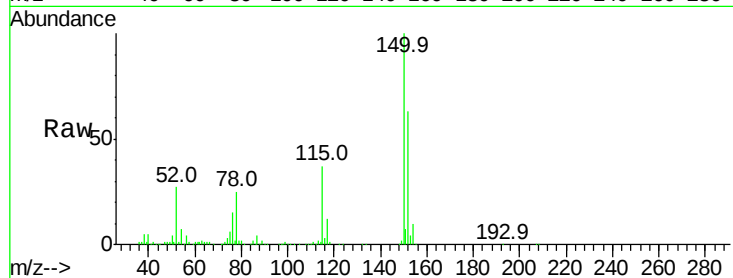


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011458.D
Acq: 07 Sep 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB102135BL

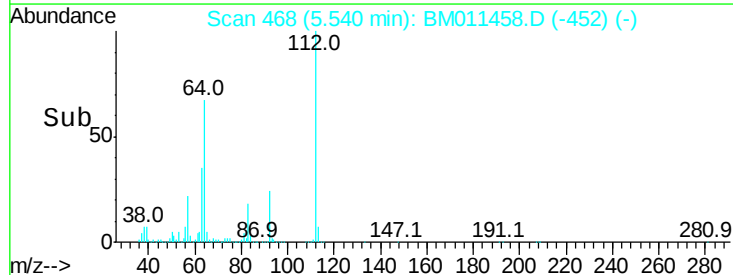
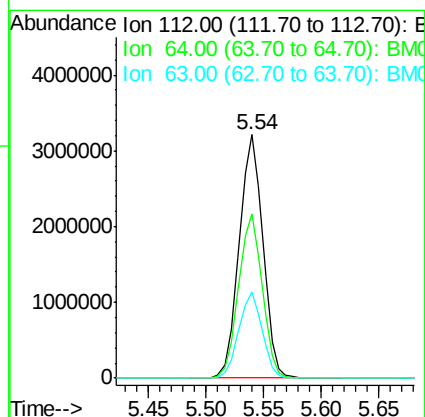
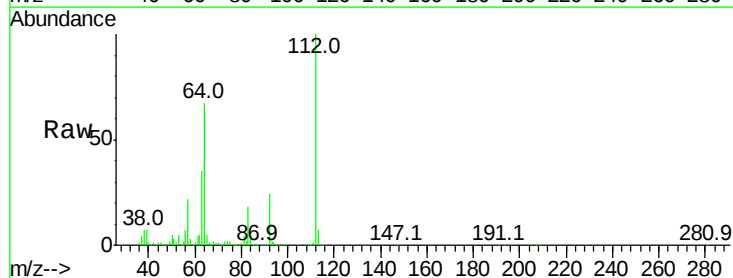
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	119.5	179.3
115	57.8	43.0	64.4

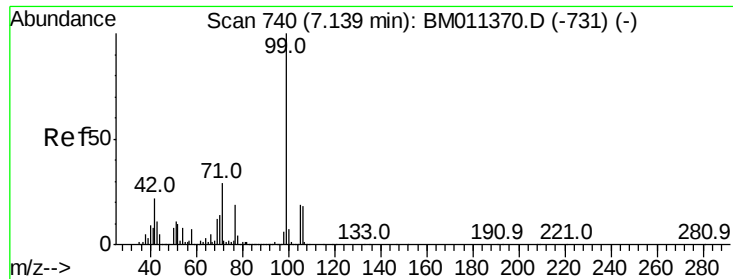


#5

2-Fluorophenol
Concen: 150.611 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011458.D
Acq: 07 Sep 2017 17:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	38.6	57.8#
63	35.2	19.3	28.9#





#7

Phenol-d6

Concen: 140.009 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011458.D

Acq: 07 Sep 2017 17:15

Instrument :

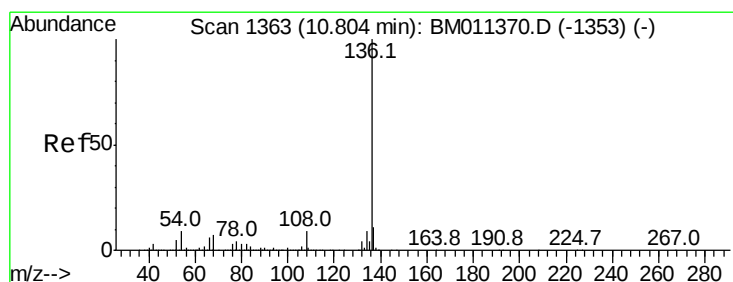
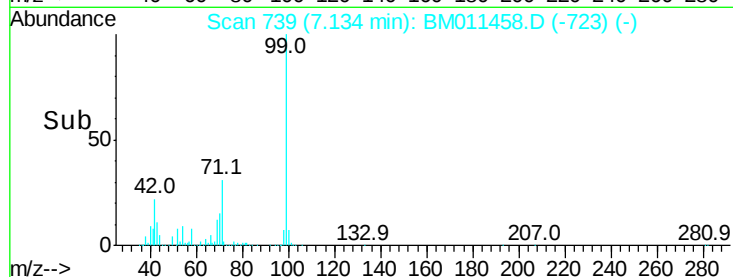
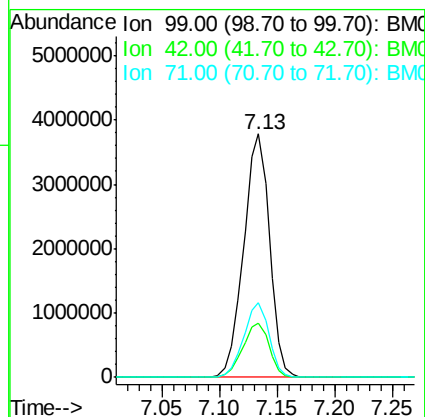
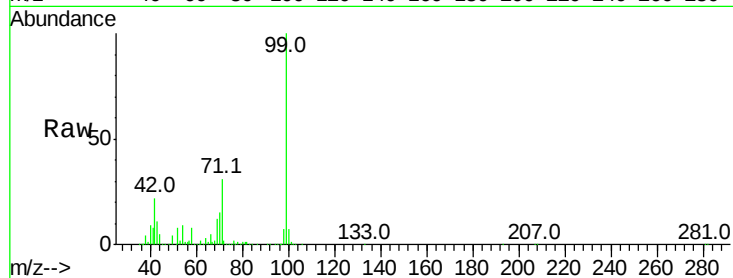
BNA_M

ClientSampleId :

PB102135BL

Tot Ion: 99 Resp: 5882099

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	30.6	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

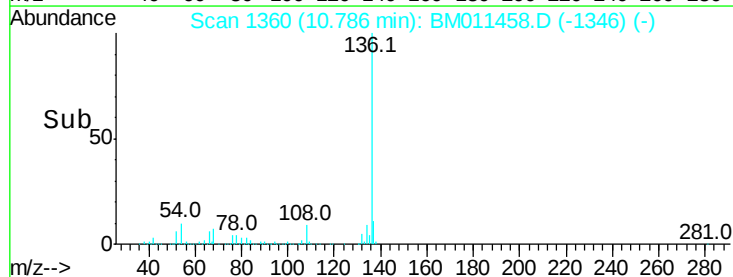
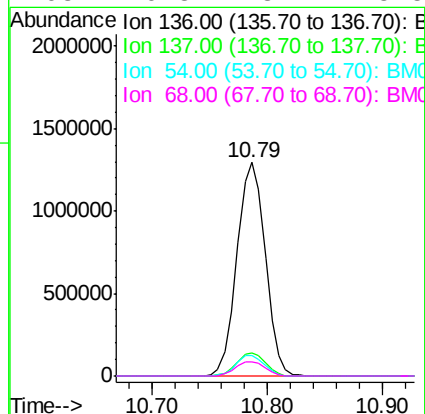
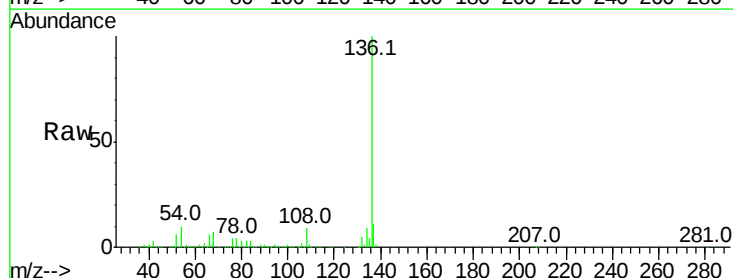
Delta R.T. -0.02 min

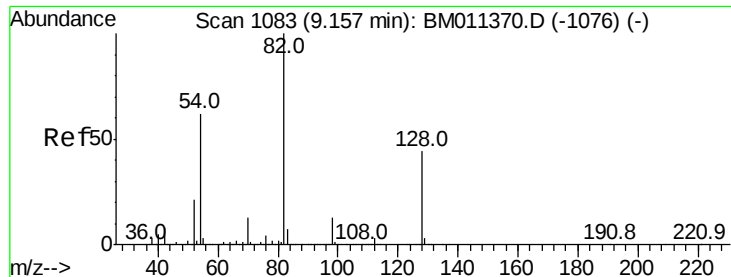
Lab File: BM011458.D

Acq: 07 Sep 2017 17:15

Tgt Ion: 136 Resp: 2203124

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	4.6	6.8#
68	6.8	3.7	5.5#

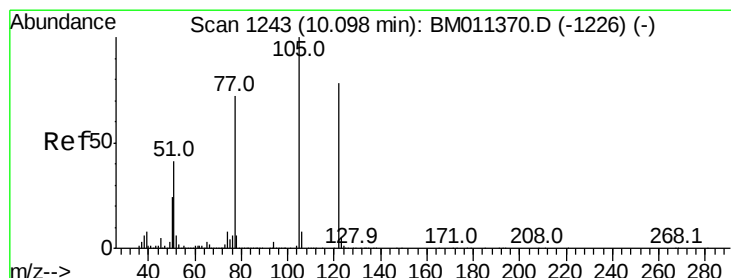
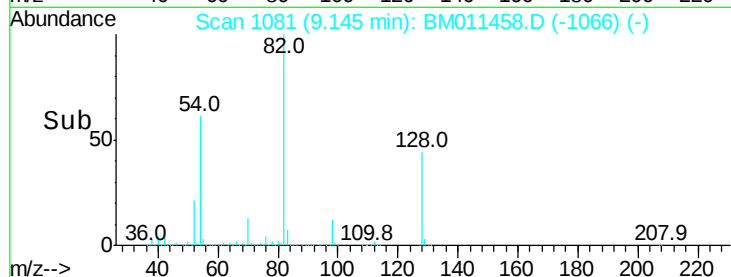
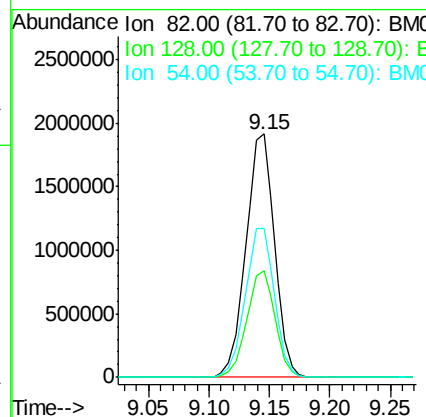
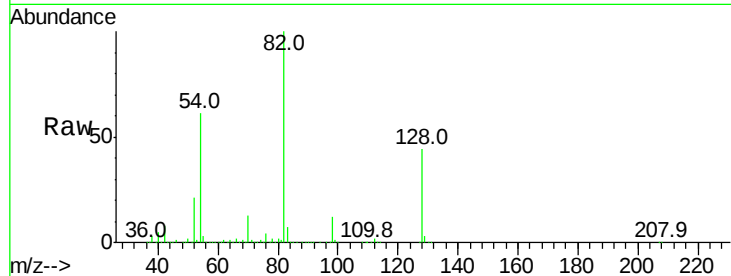




#23
 Nitrobenzene-d5
 Concen: 94.893 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011458.D
 Acq: 07 Sep 2017 17:15

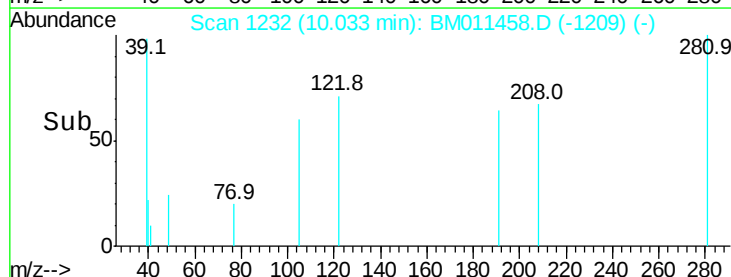
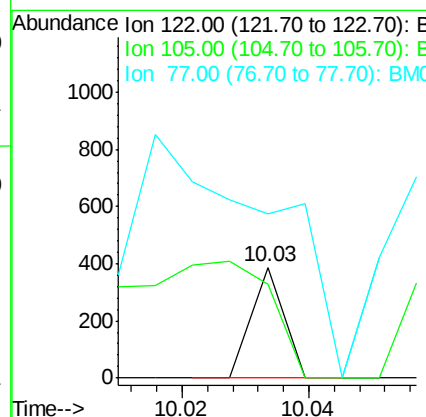
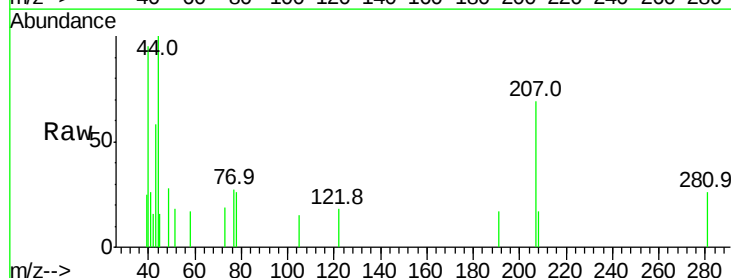
Instrument :
 BNA_M
 ClientSampleId :
 PB102135BL

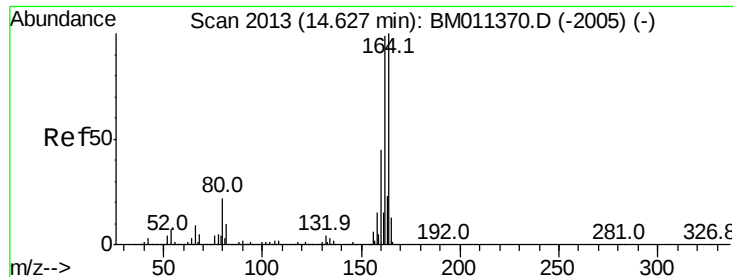
Tot Ion: 82 Resp: 3172465
 Ion Ratio Lower Upper
 82 100
 128 43.6 32.8 49.2
 54 61.4 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.545 ng
 RT: 10.03 min Scan# 1232
 Delta R.T. -0.06 min
 Lab File: BM011458.D
 Acq: 07 Sep 2017 17:15

Tgt Ion: 122 Resp: 137
 Ion Ratio Lower Upper
 122 100
 105 84.0 99.9 139.9#
 77 147.9 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011458.D

Acq: 07 Sep 2017 17:15

Instrument :

BNA_M

ClientSampled :

PB102135BL

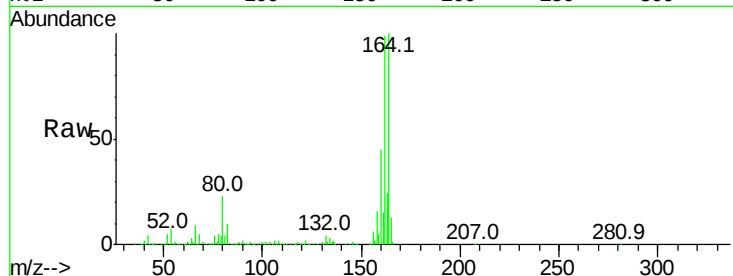
Tot Ion:164 Resp: 1199735

Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	45.1	35.8	53.6

164 100

162 99.1 82.4 123.6

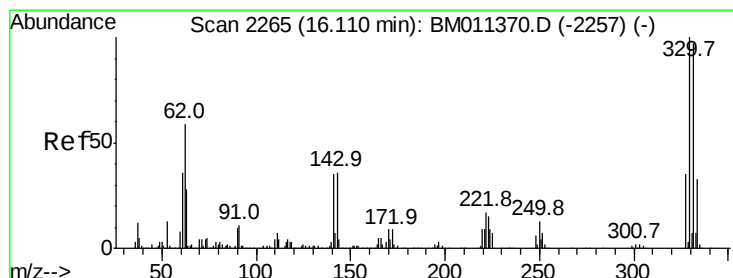
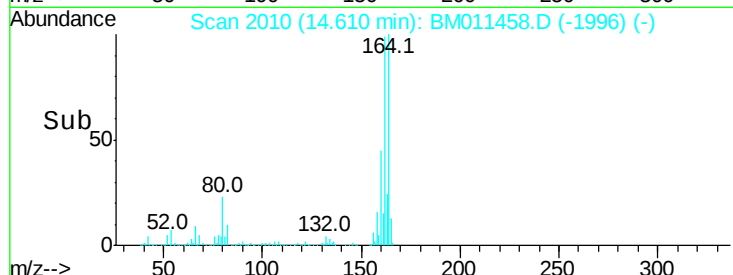
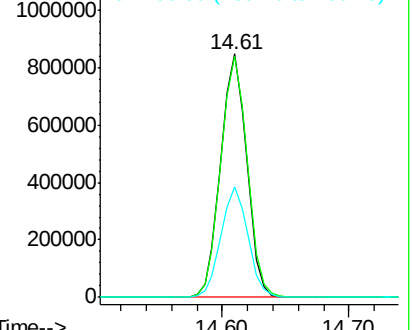
160 45.1 35.8 53.6



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: 123.316 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011458.D

Acq: 07 Sep 2017 17:15

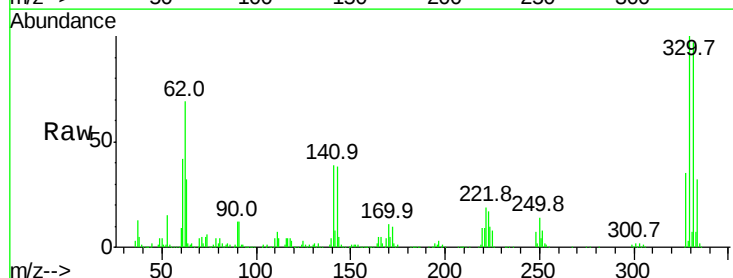
Tgt Ion:330 Resp: 1711681

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	39.6	0.0	0.0#

330 100

332 97.1 0.0 0.0#

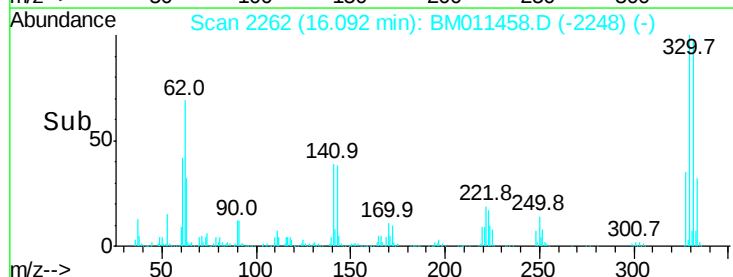
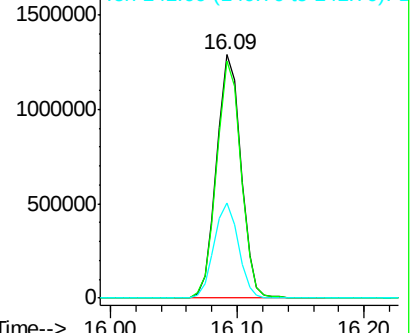
141 39.6 0.0 0.0#

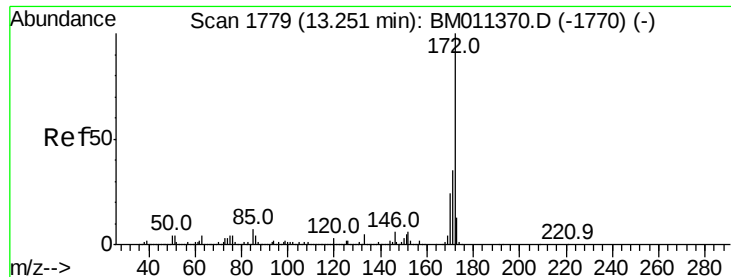


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

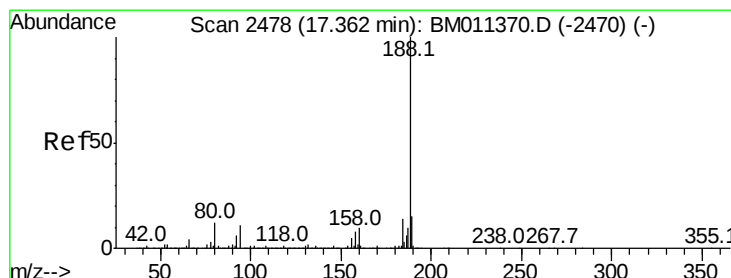
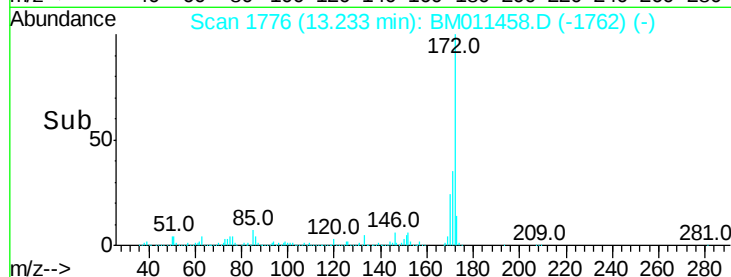
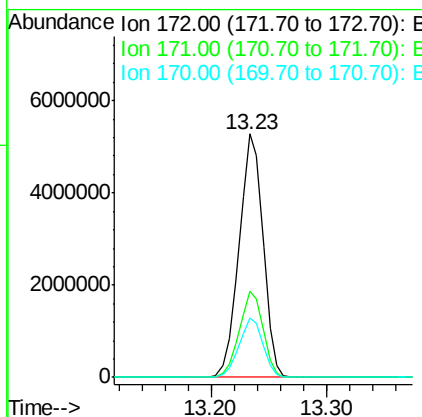
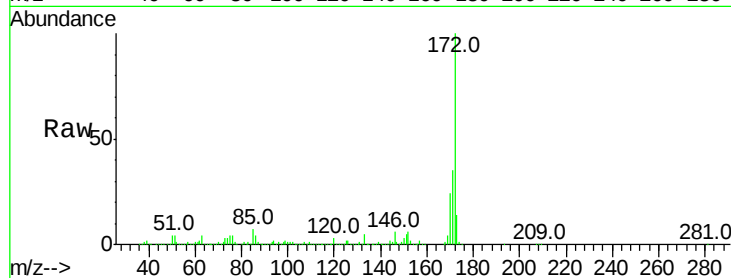




#44
2-Fluorobiphenyl
Concen: 90.927 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011458.D
Acq: 07 Sep 2017 17:15

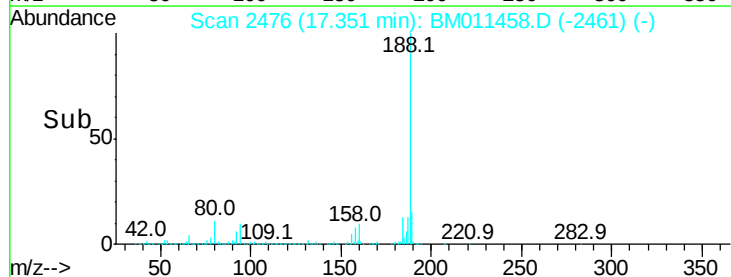
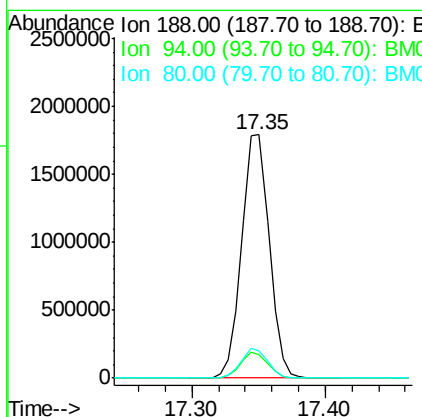
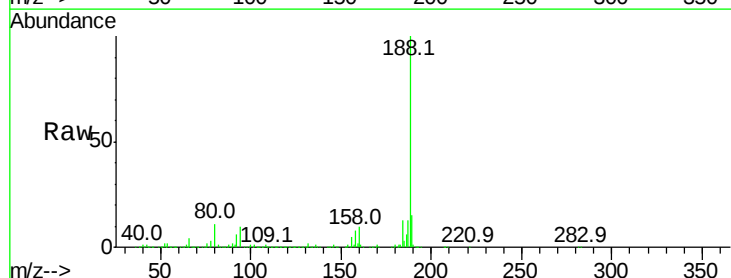
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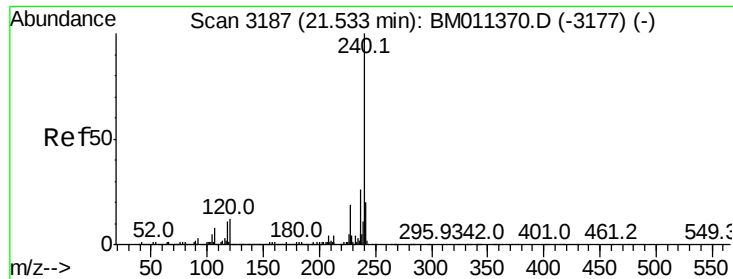
Tot Ion:172 Resp: 7567803
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.4 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011458.D
Acq: 07 Sep 2017 17:15

Tgt Ion:188 Resp: 2563311
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 11.1 9.3 13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BM011458.D

Acq: 07 Sep 2017 17:15

Instrument :

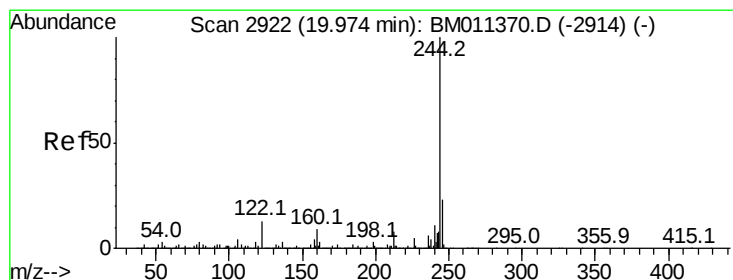
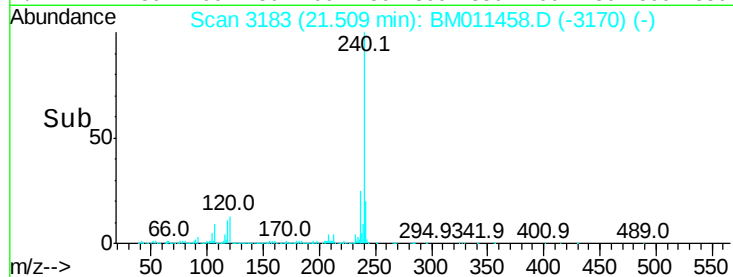
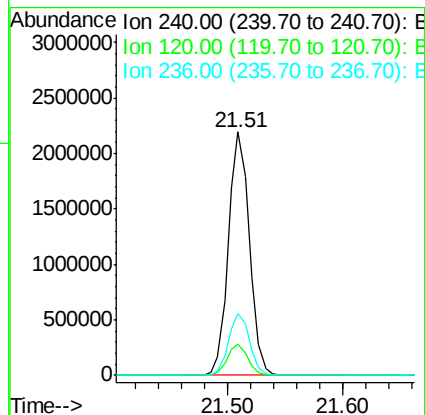
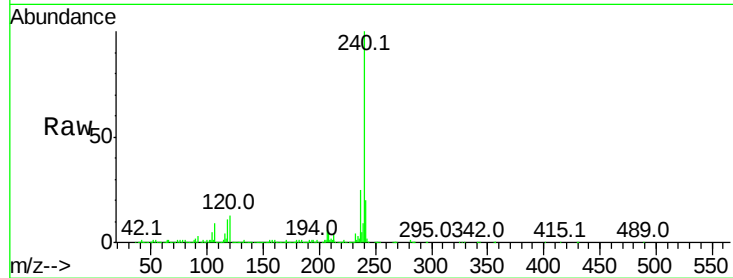
BNA_M

ClientSampleId :

PB102135BL

Tot Ion:240 Resp: 2759387

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.2	12.2#
236	25.2	20.0	30.0



#78

Terphenyl-d14

Concen: 82.804 ng

RT: 19.96 min Scan# 2919

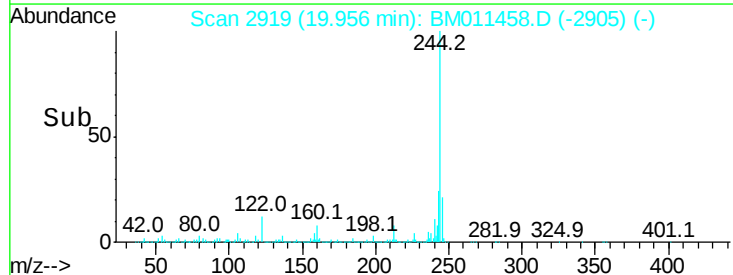
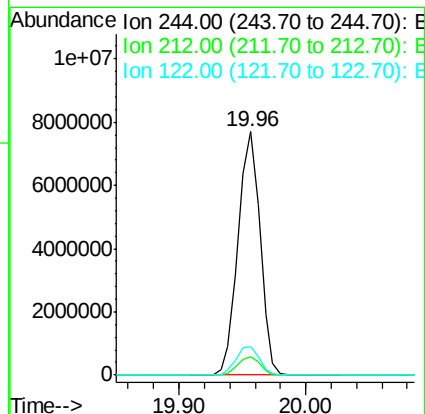
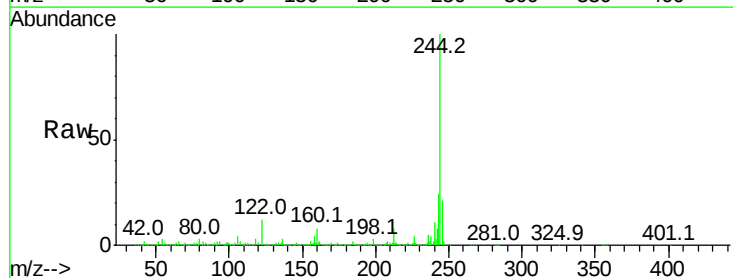
Delta R.T. -0.02 min

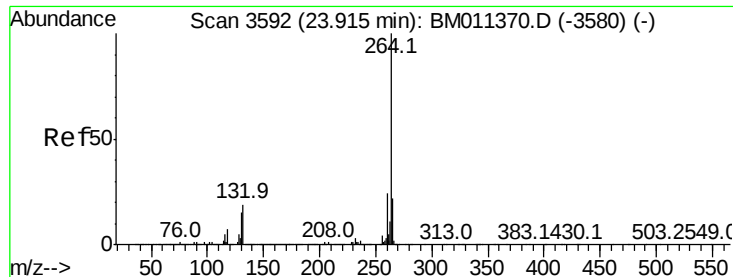
Lab File: BM011458.D

Acq: 07 Sep 2017 17:15

Tgt Ion:244 Resp: 9208678

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	11.9	6.2	9.4#



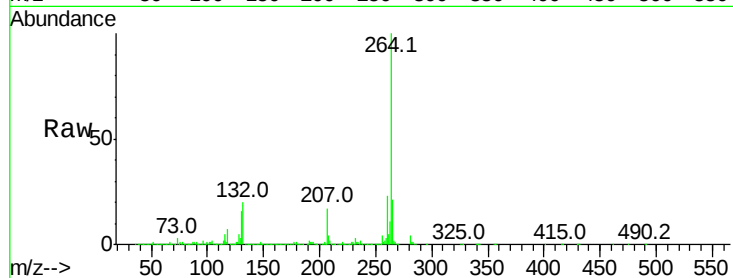


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BM011458.D
Acq: 07 Sep 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB102135BL

Tot Ion:264 Resp: 2470451

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	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

