

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011422.D
 Acq On : 02 Sep 2017 19:07
 Operator : SJ/JU
 Sample : I5055-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Quant Time: Sep 04 04:29:40 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	210814	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	860469	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	477152	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1226484	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	1830402	20.00	ng	-0.02
86) Perylene-d12	23.90	264	1958233	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1926626	153.83	ng	0.00
7) Phenol-d6	7.13	99	2274191	130.96	ng	0.00
23) Nitrobenzene-d5	9.15	82	1422445	108.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	864052	156.52	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	3544006	107.06	ng	-0.01
78) Terphenyl-d14	19.96	244	6692296	90.72	ng	-0.01

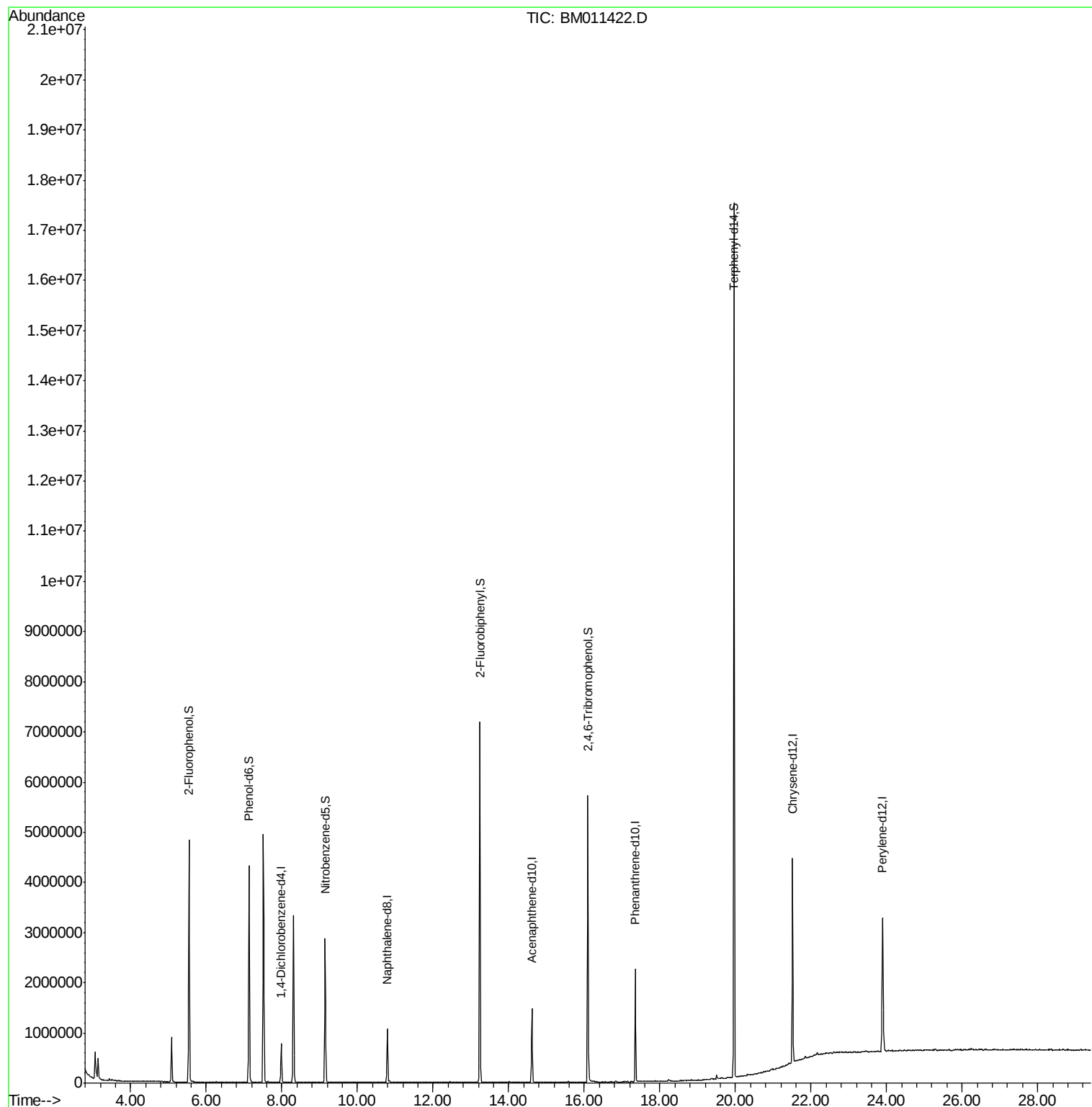
Target Compounds	Qvalue
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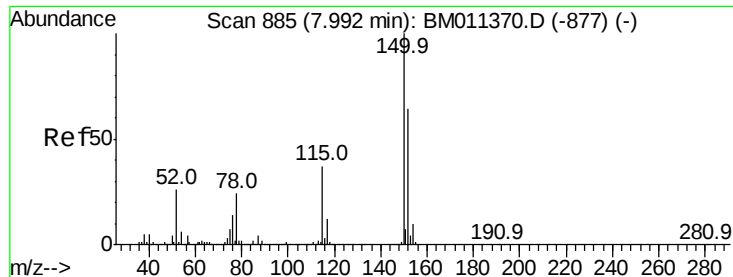
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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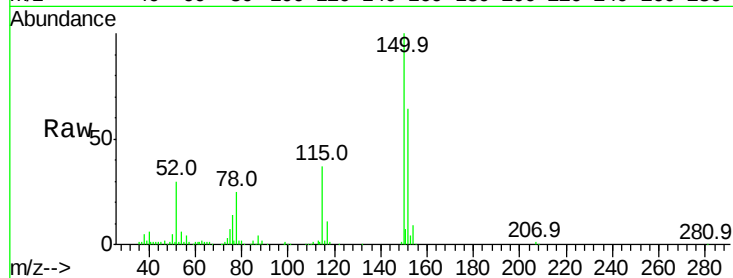


#1

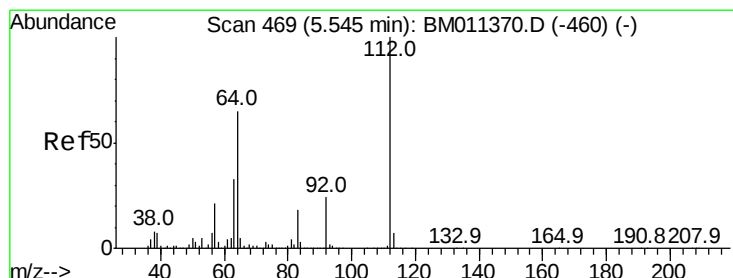
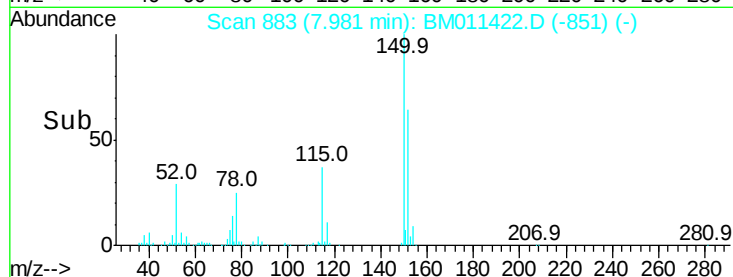
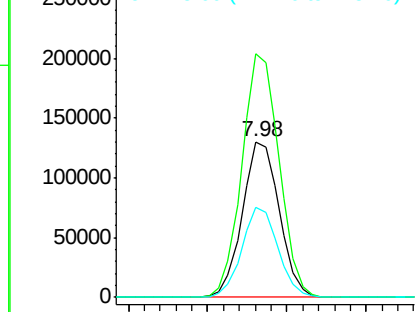
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Instrument :
BNA_M
ClientSampleId :
RT3992-20-41-RT3451-1550

Tot Ion:152 Resp: 210814
Ion Ratio Lower Upper
152 100
150 156.6 119.5 179.3
115 57.7 43.0 64.4



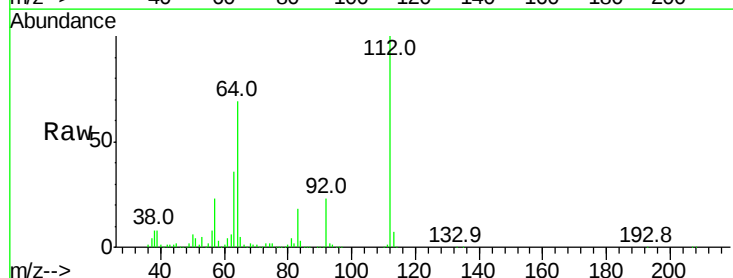
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



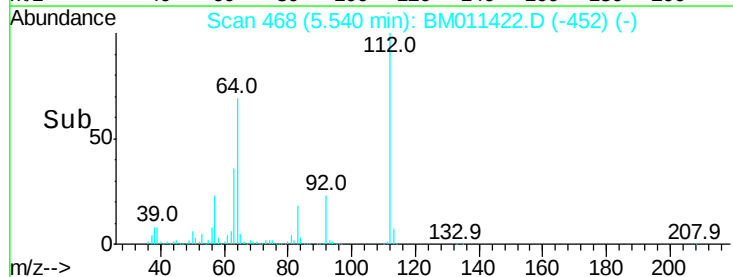
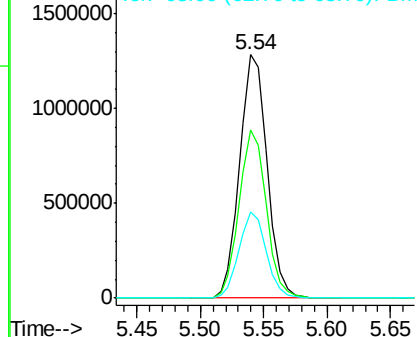
#5

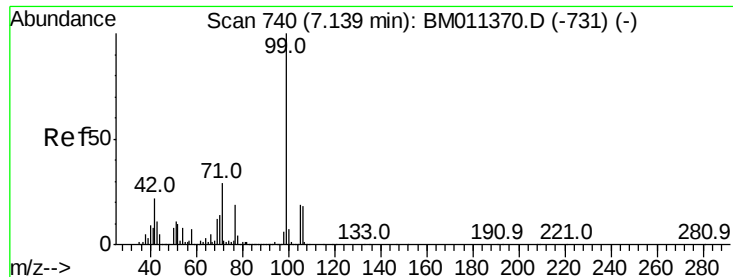
2-Fluorophenol
Concen: 153.834 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Tgt Ion:112 Resp: 1926626
Ion Ratio Lower Upper
112 100
64 69.3 38.6 57.8#
63 35.5 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: 130.956 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011422.D

Acq: 02 Sep 2017 19:07

Instrument :

BNA_M

ClientSampleId :

RT3992-20-41-RT3451-1550

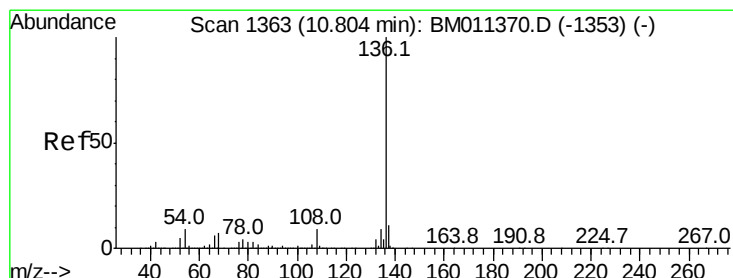
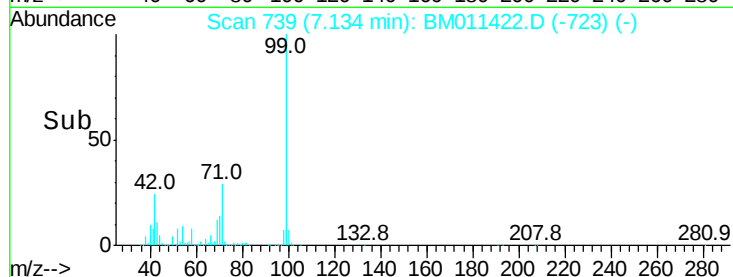
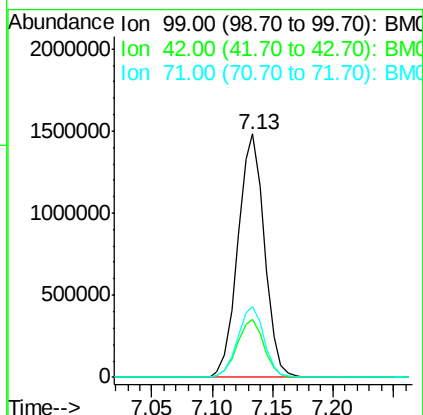
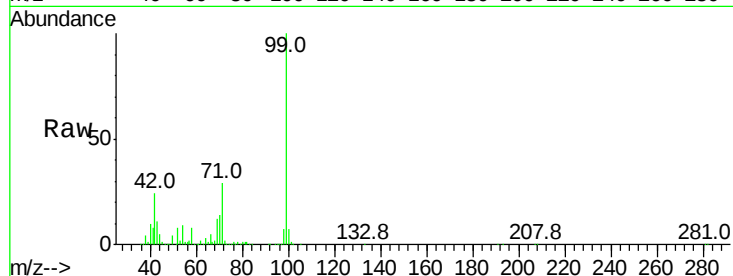
Tot Ion: 99 Resp: 2274191

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

71 29.1 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: BM011422.D

Acq: 02 Sep 2017 19:07

Tgt Ion: 136 Resp: 860469

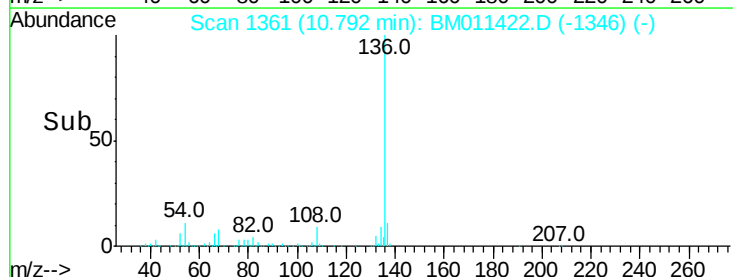
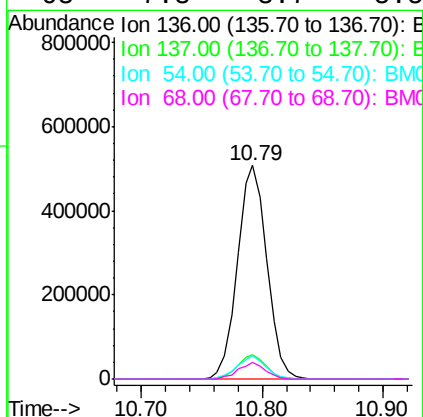
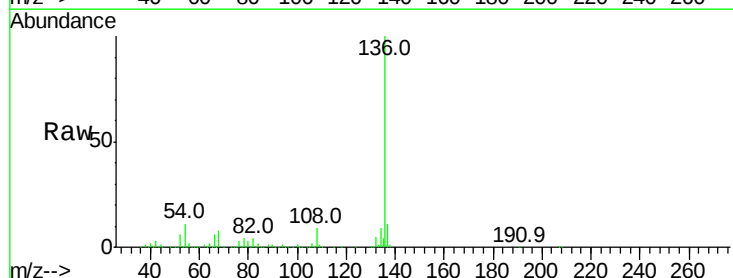
Ion Ratio Lower Upper

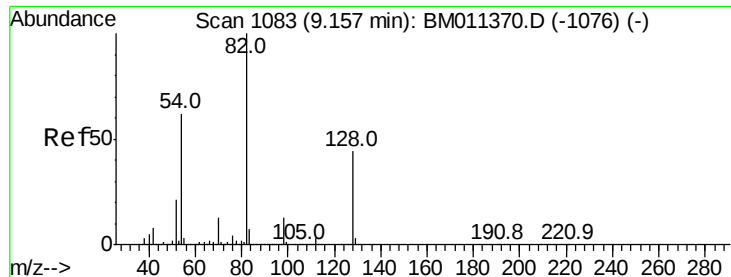
136 100

137 11.3 8.7 13.1

54 10.7 4.6 6.8#

68 7.8 3.7 5.5#

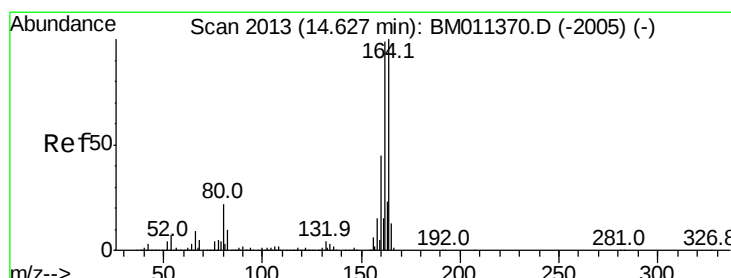
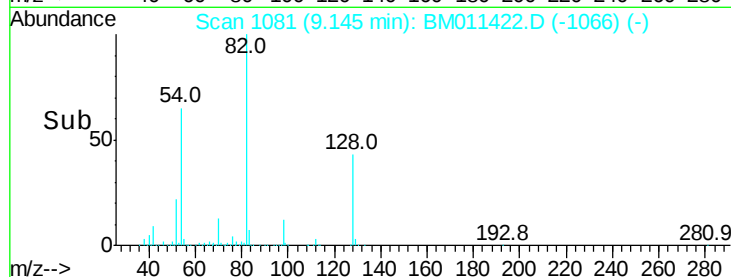
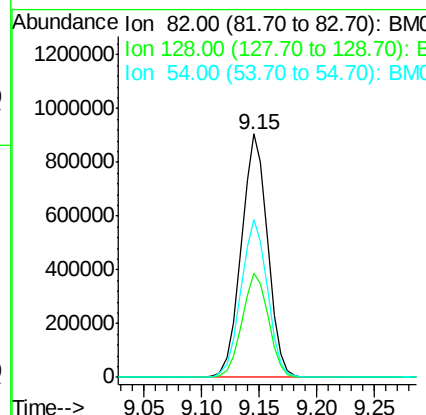
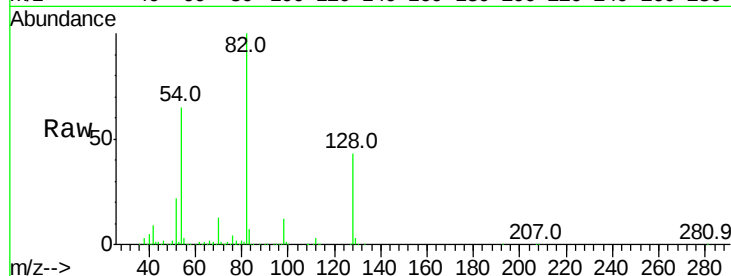




#23
 Nitrobenzene-d5
 Concen: 108.937 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

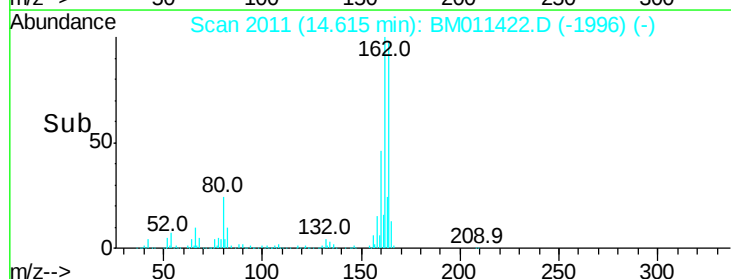
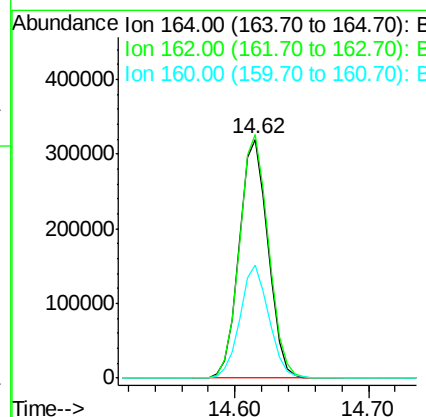
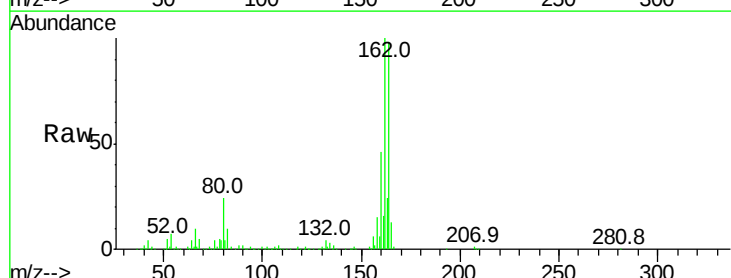
Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

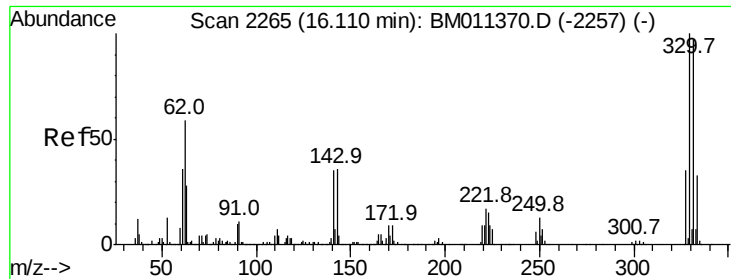
Tot Ion: 82 Resp: 1422445
 Ion Ratio Lower Upper
 82 100
 128 42.6 32.8 49.2
 54 64.7 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

Tgt Ion: 164 Resp: 477152
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.4 123.6
 160 47.3 35.8 53.6

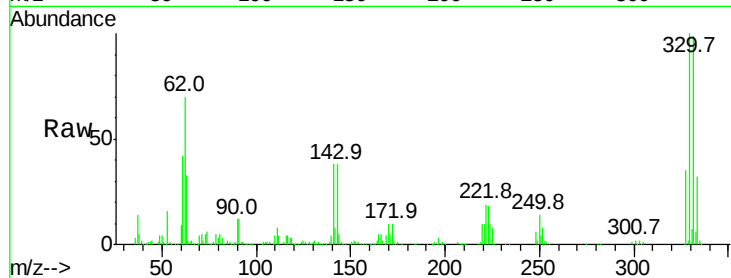




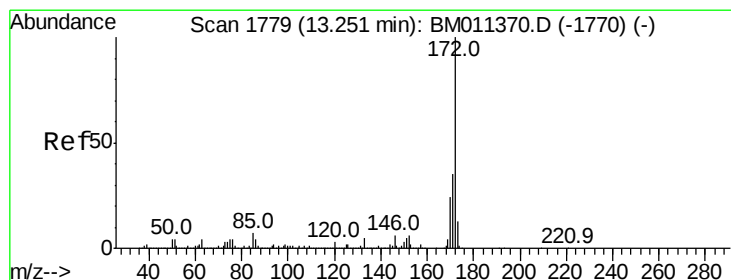
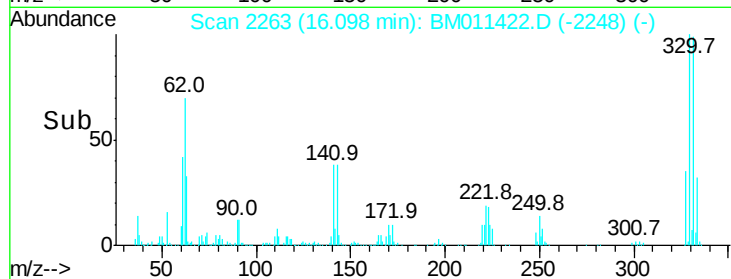
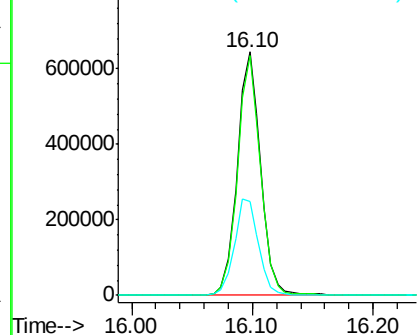
#41
 2,4,6-Tribromophenol
 Concen: 156.519 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	41.1	0.0	0.0#

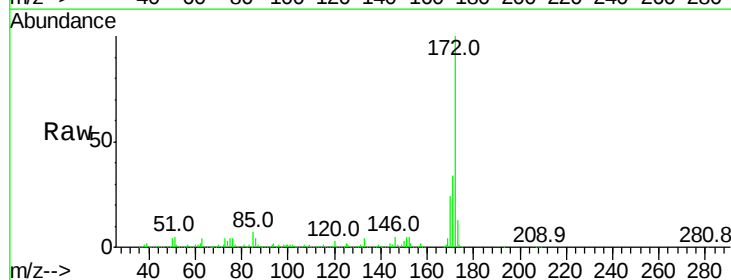


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

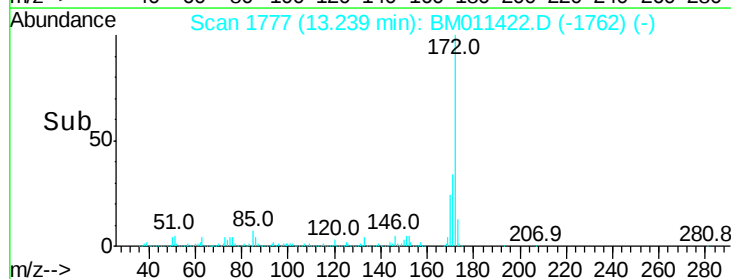
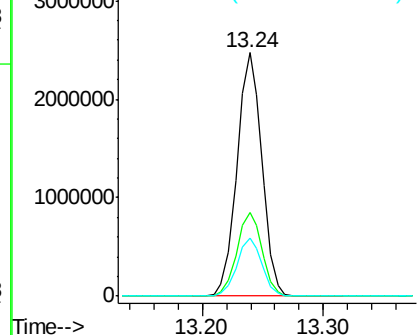


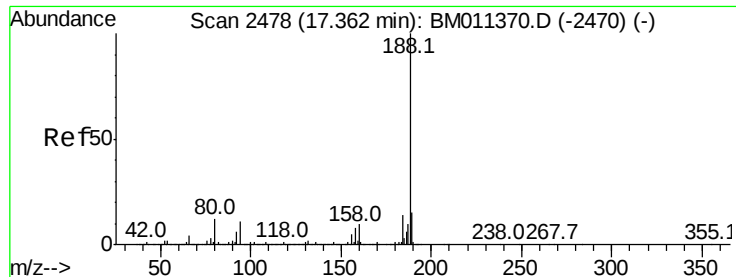
#44
 2-Fluorobiphenyl
 Concen: 107.065 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.8	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

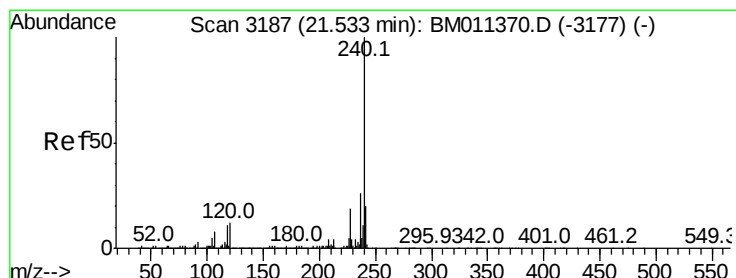
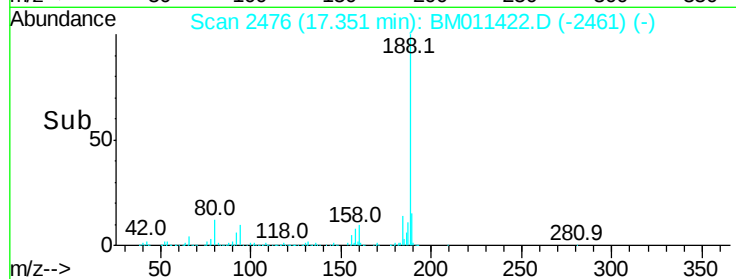
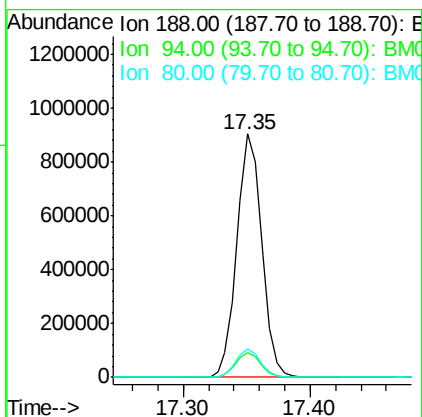
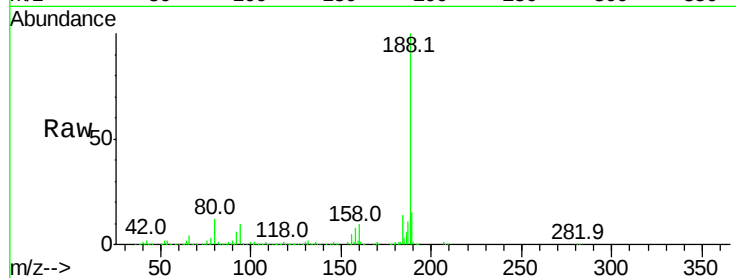




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

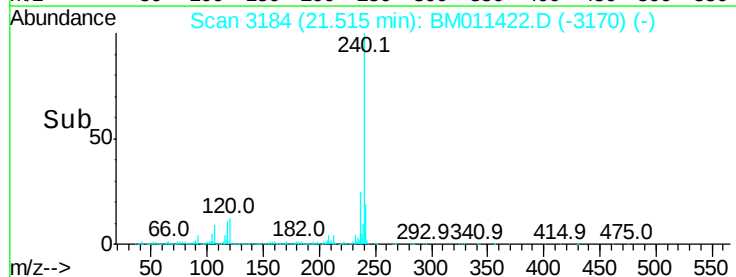
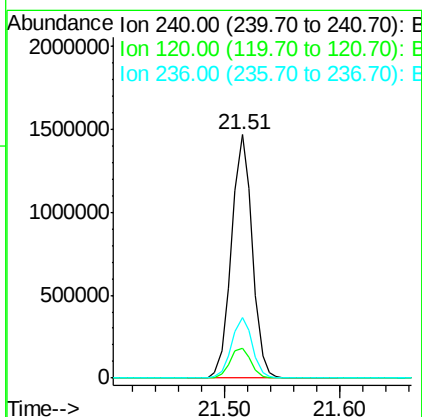
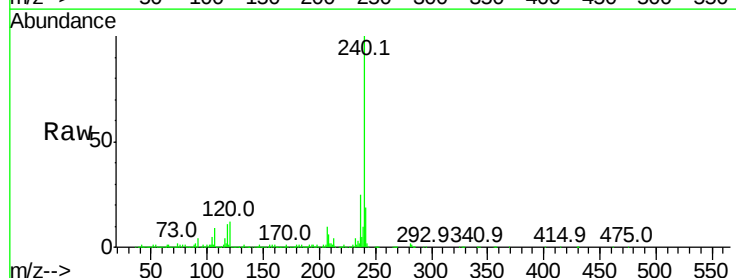
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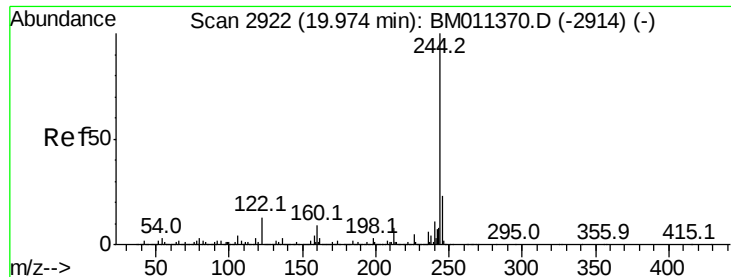
Tot Ion:188 Resp: 1226484
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011422.D
Acq: 02 Sep 2017 19:07

Tgt Ion:240 Resp: 1830402
Ion Ratio Lower Upper
240 100
120 12.2 8.2 12.2
236 24.9 20.0 30.0

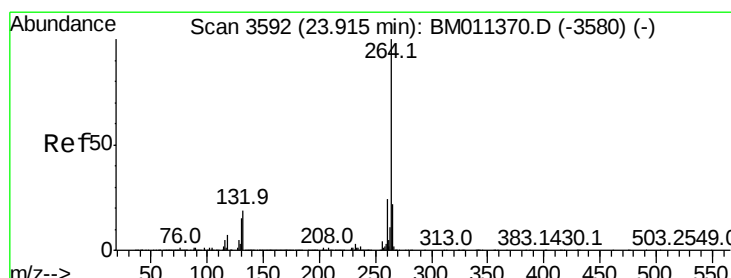
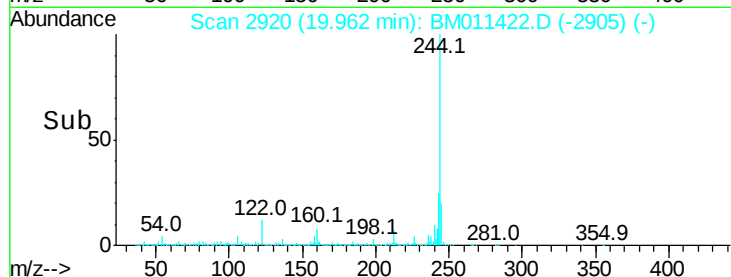
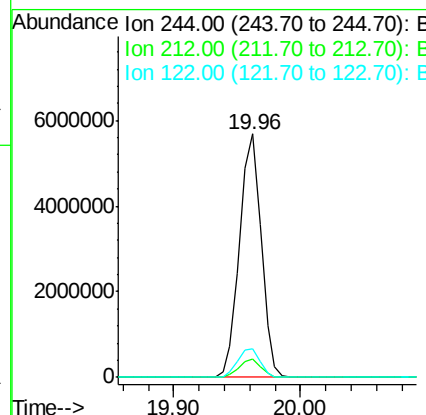
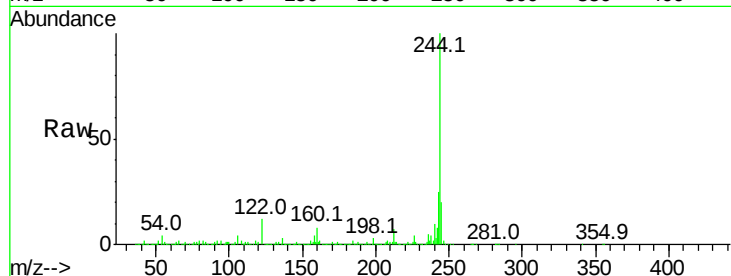




#78
 Terphenyl-d14
 Concen: 90.718 ng
 RT: 19.96 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Tot Ion:244 Resp: 6692296
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.9 7.3#
 122 11.6 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.90 min Scan# 3589
 Delta R.T. -0.02 min
 Lab File: BM011422.D
 Acq: 02 Sep 2017 19:07

Tgt Ion:264 Resp: 1958233
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.7 17.3 25.9

