

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011301.D
 Acq On : 18 Aug 2017 23:18
 Operator : SJ/JU
 Sample : I4875-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-E

Quant Time: Aug 19 00:04:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	73143	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	249940	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	162969	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	386769	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	565044	20.00	ng	-0.02
86) Perylene-d12	23.00	264	548732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	612930	141.66	ng	-0.02
7) Phenol-d6	6.47	99	777367	126.45	ng	-0.02
23) Nitrobenzene-d5	8.42	82	840784	126.25	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	335389	128.40	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1262764	97.18	ng	-0.02
78) Terphenyl-d14	19.37	244	2395035	83.96	ng	-0.02

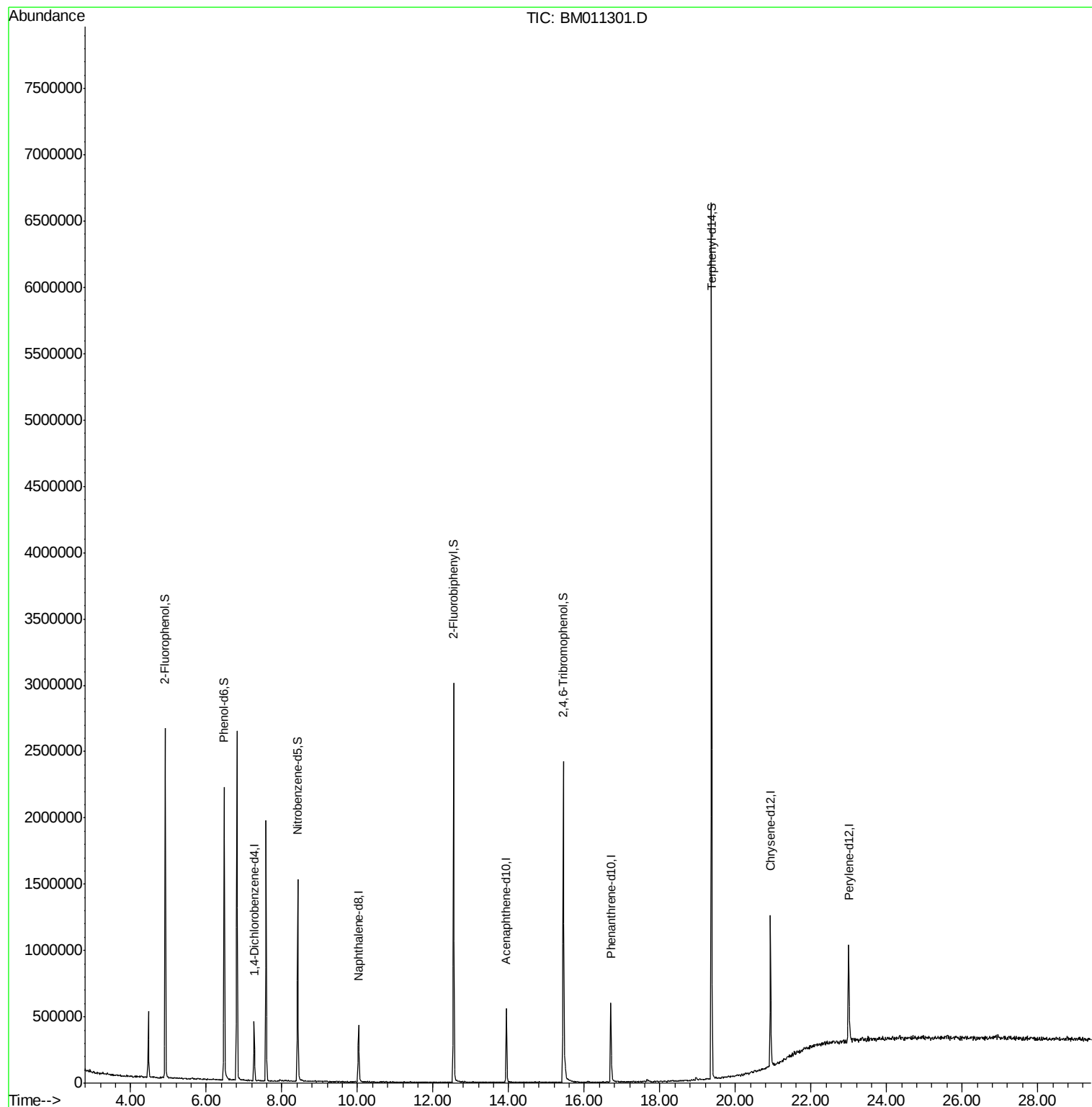
Target Compounds Qvalue

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

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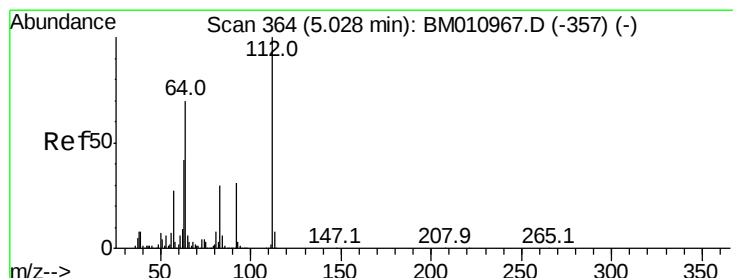
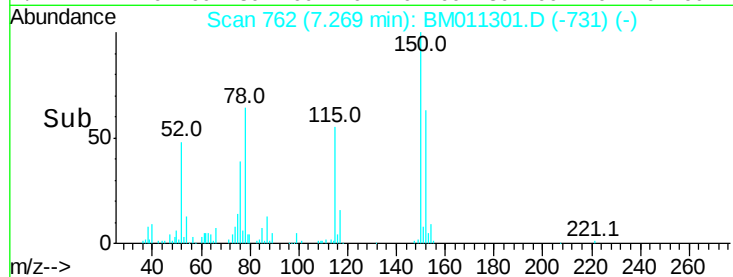
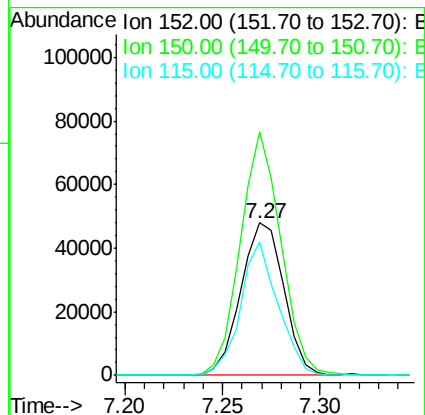
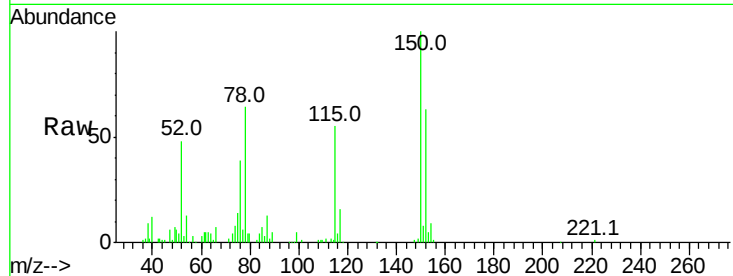


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011301.D
Acq: 18 Aug 2017 23:18

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-E

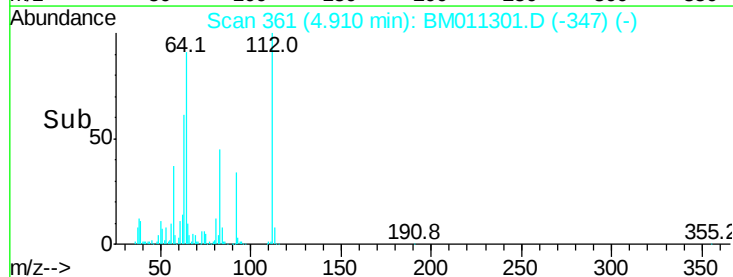
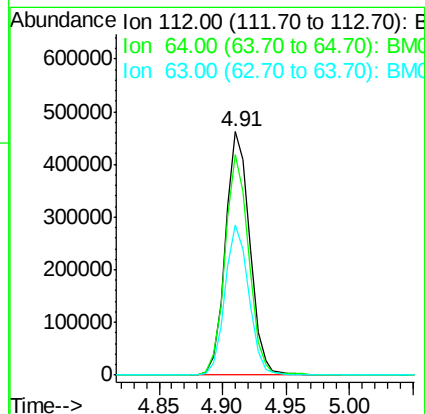
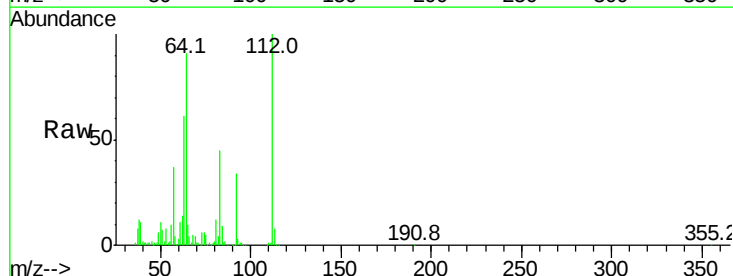
Tot Ion:152 Resp: 73143
Ion Ratio Lower Upper
152 100
150 159.5 119.5 179.3
115 87.1 43.0 64.4#



#5

2-Fluorophenol
Concen: 141.657 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011301.D
Acq: 18 Aug 2017 23:18

Tgt Ion:112 Resp: 612930
Ion Ratio Lower Upper
112 100
64 90.8 38.6 57.8#
63 61.4 19.3 28.9#





#7

Phenol-d6

Concen: 126.449 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011301.D

Acq: 18 Aug 2017 23:18

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-E

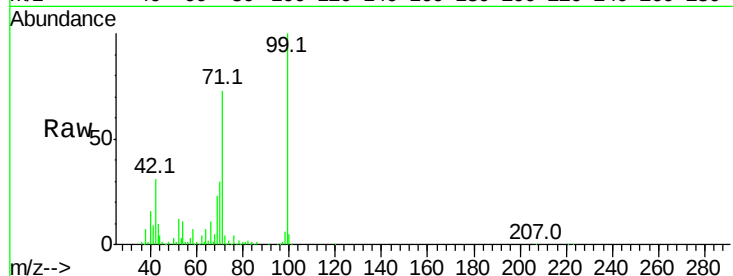
Tot Ion: 99 Resp: 777367

Ion Ratio Lower Upper

99 100

42 31.5 11.0 16.4#

71 73.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011301.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011301.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011301.D (-613) (-)

6.47

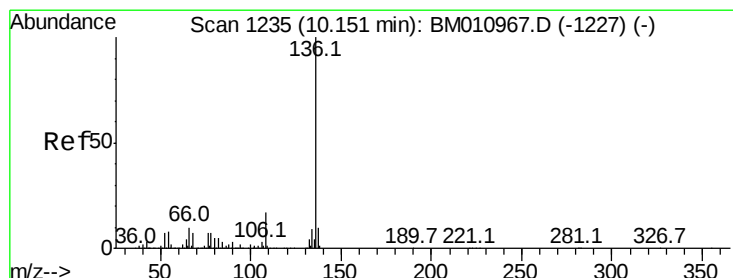
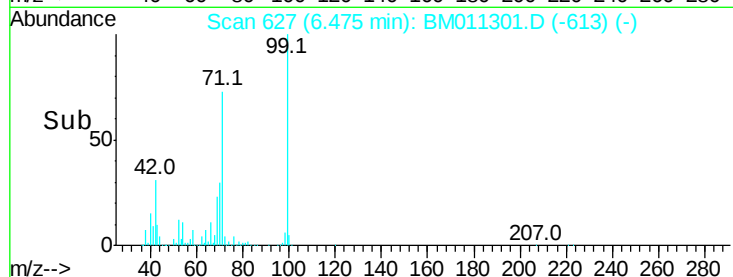
400000

200000

0

6.40 6.45 6.50 6.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011301.D

Acq: 18 Aug 2017 23:18

Tgt Ion: 136 Resp: 249940

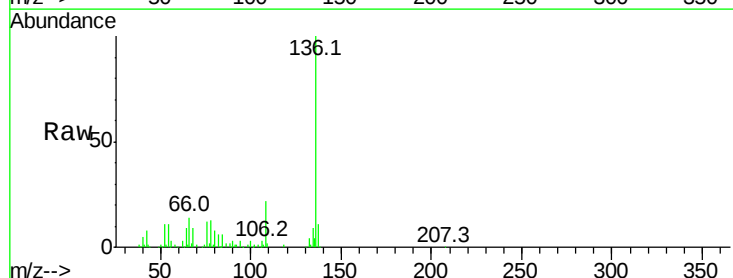
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.4 4.6 6.8#

68 8.7 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011301.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011301.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011301.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011301.D (-1217) (-)

10.03

200000

150000

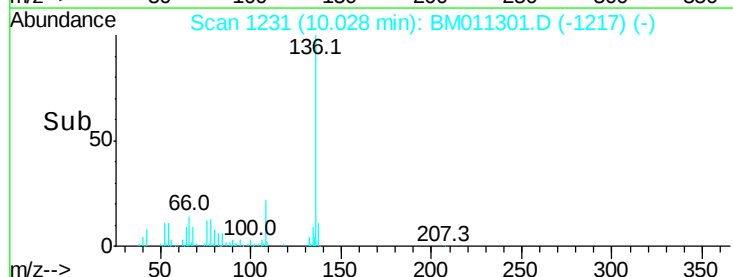
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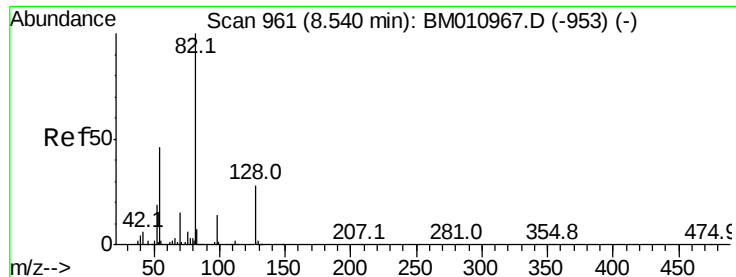
50000

0

10.00 10.10

Time-->

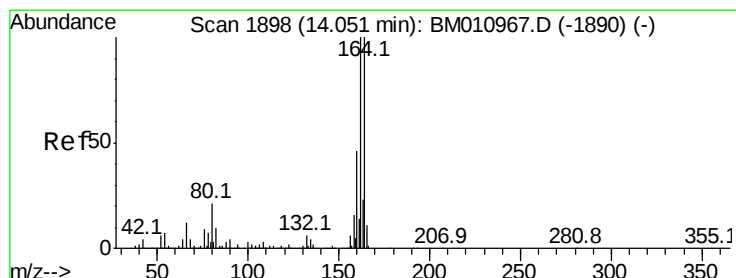
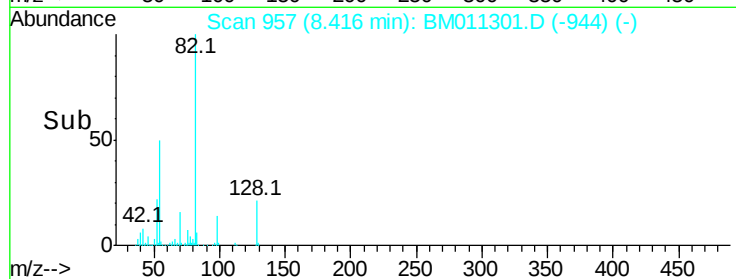
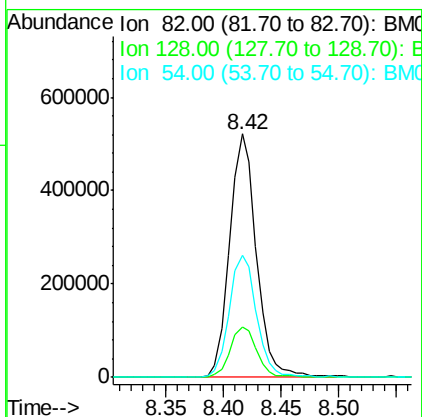
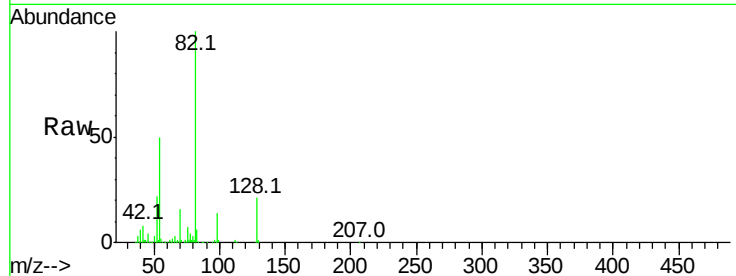




#23
 Nitrobenzene-d5
 Concen: 126.254 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011301.D
 Acq: 18 Aug 2017 23:18

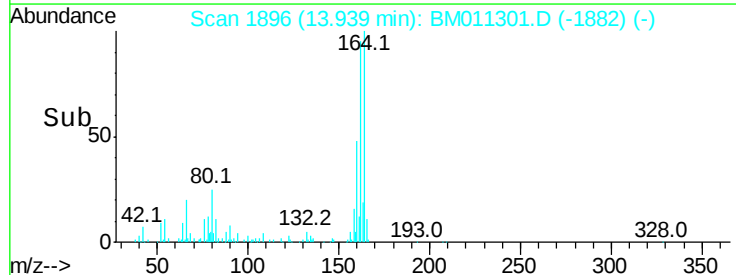
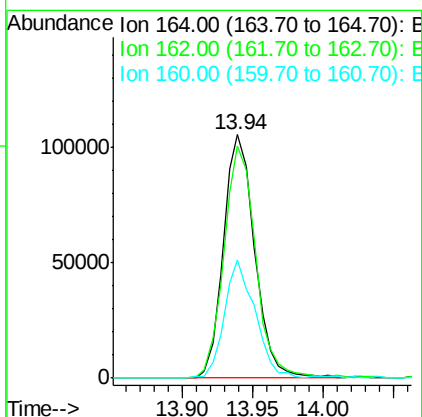
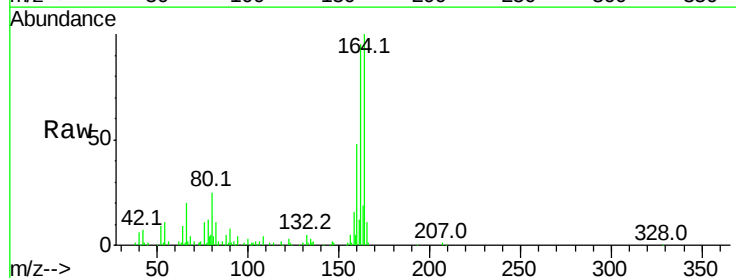
Instrument :
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 CL-02-081717-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	20.8	32.8	49.2#
54	50.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BM011301.D
 Acq: 18 Aug 2017 23:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	82.4	123.6
160	48.3	35.8	53.6

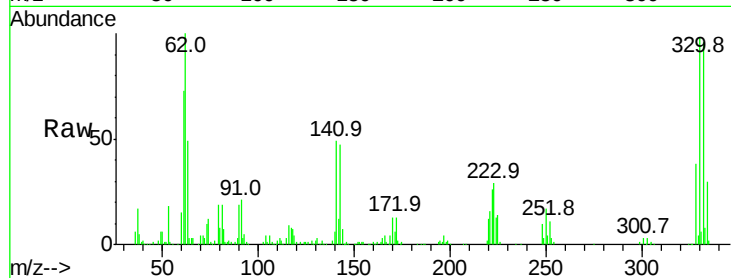




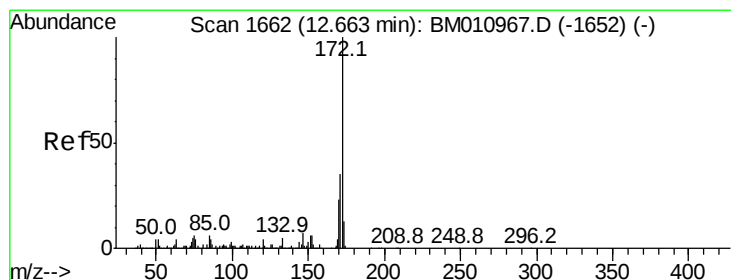
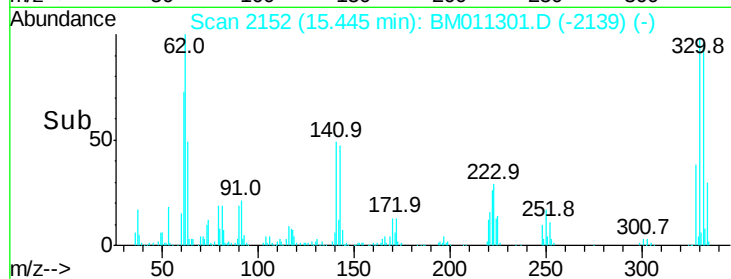
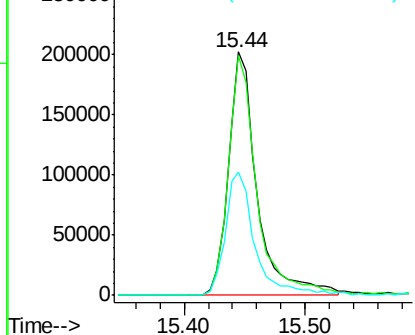
#41
 2,4,6-Tribromophenol
 Concen: 128.401 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011301.D
 Acq: 18 Aug 2017 23:18

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	51.3	0.0	0.0#

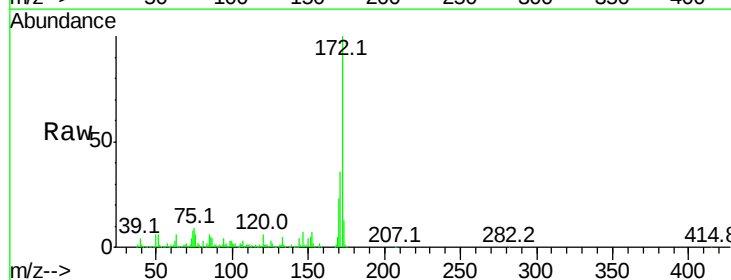


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

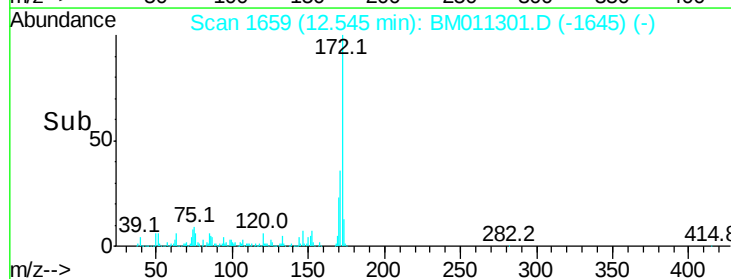
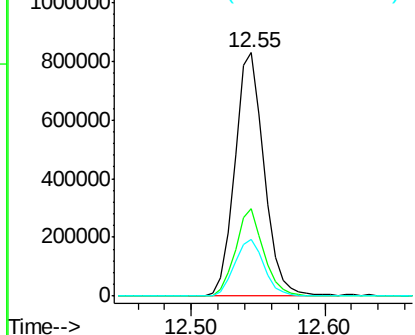


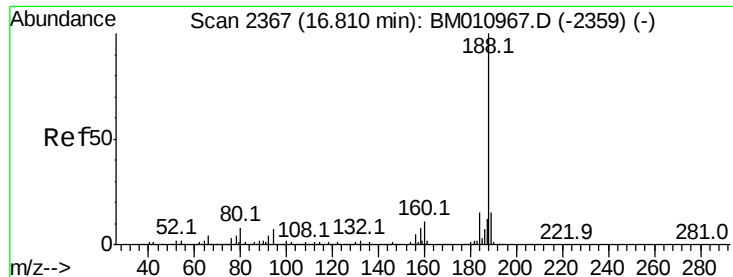
#44
 2-Fluorobiphenyl
 Concen: 97.177 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011301.D
 Acq: 18 Aug 2017 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.2	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

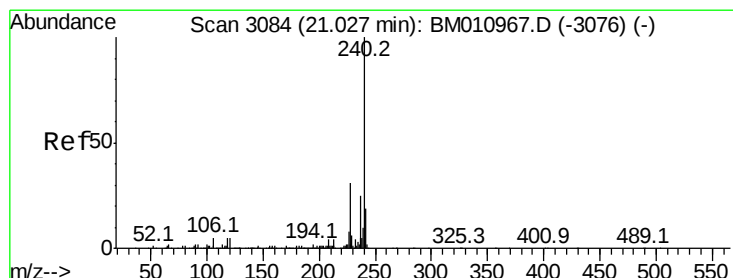
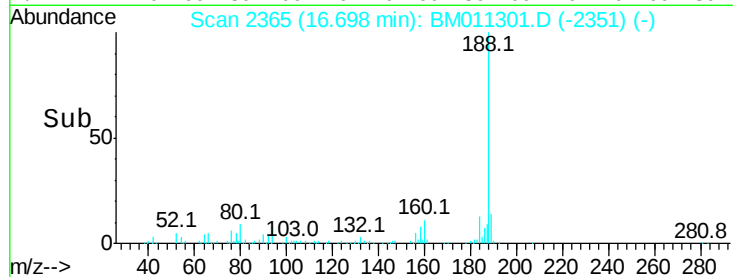
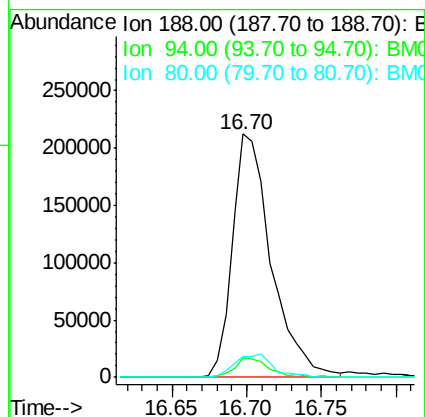
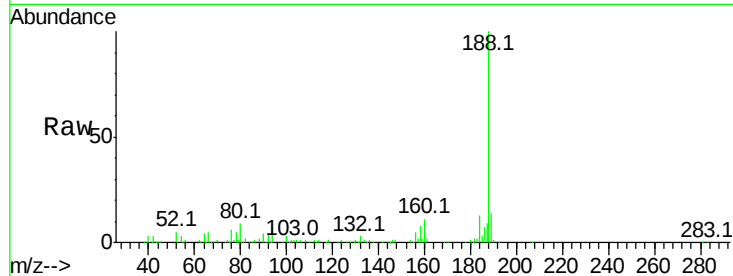




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011301.D
Acq: 18 Aug 2017 23:18

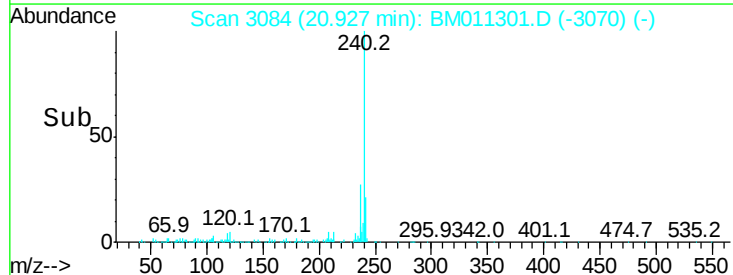
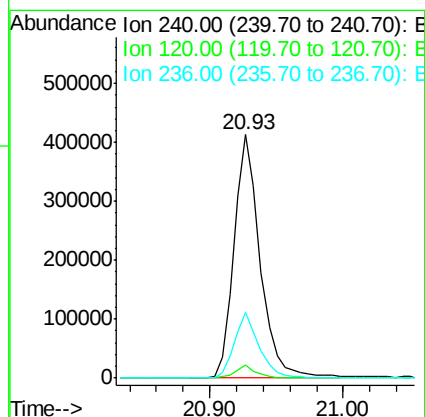
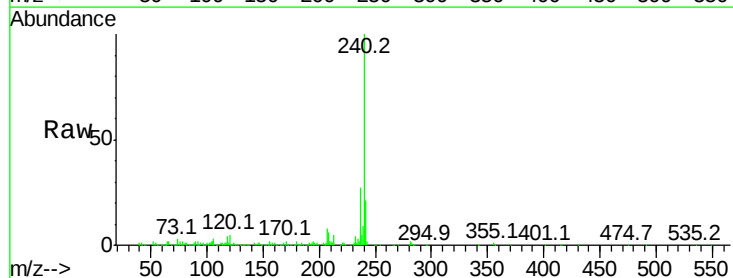
Instrument :
BNA_M
ClientSampleId :
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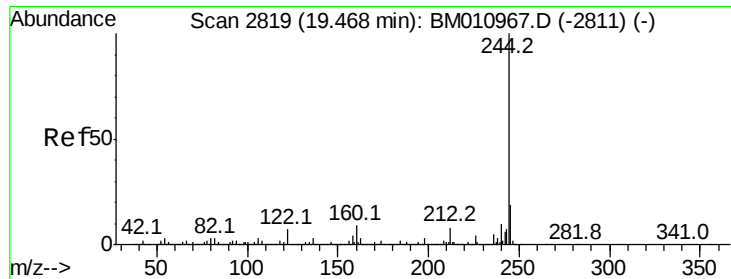
Tot Ion:188 Resp: 386769
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011301.D
Acq: 18 Aug 2017 23:18

Tgt Ion:240 Resp: 565044
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 27.1 20.0 30.0

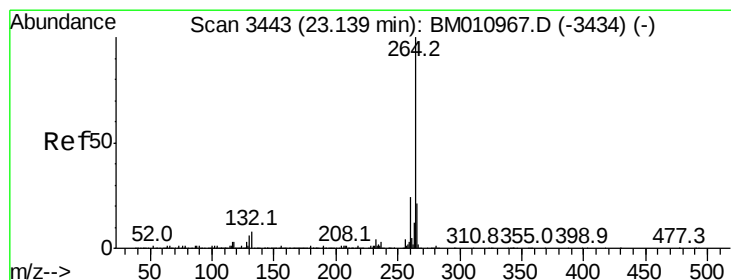
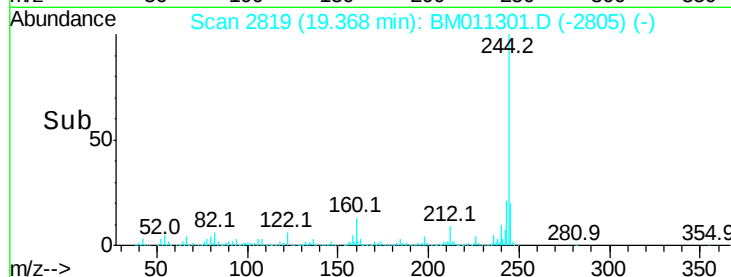
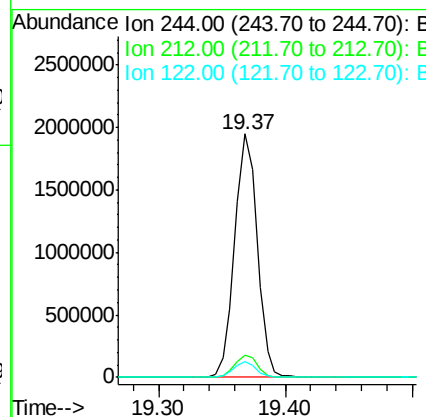
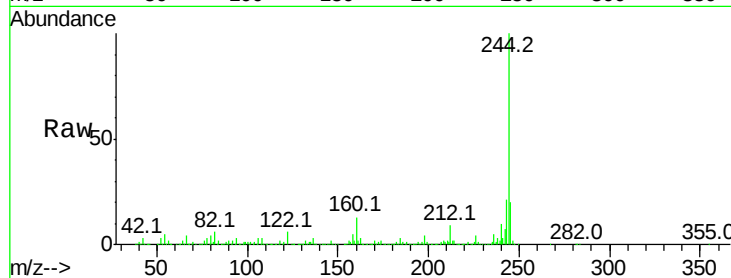




#78
 Terphenyl-d14
 Concen: 83.963 ng
 RT: 19.37 min Scan# 2819
 Delta R.T. -0.02 min
 Lab File: BM011301.D
 Acq: 18 Aug 2017 23:18

Instrument :
 BNA_M
 ClientSampleID :
 CL-02-081717-E

Tot Ion:244 Resp: 2395035
 Ion Ratio Lower Upper
 244 100
 212 9.1 4.9 7.3#
 122 6.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.00 min Scan# 3436
 Delta R.T. -0.02 min
 Lab File: BM011301.D
 Acq: 18 Aug 2017 23:18

Tgt Ion:264 Resp: 548732
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.6 27.8
 265 21.3 17.3 25.9

