

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016329.D
 Acq On : 13 Aug 2018 17:23
 Operator : SJ/JU
 Sample : J4427-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RB47197

Quant Time: Aug 14 04:41:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26610	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	88835	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	41112	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	82134	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	96660	20.00	ng	-0.02
86) Perylene-d12	23.95	264	110086	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	220940	137.92	ng	-0.01
7) Phenol-d6	7.29	99	220758	105.52	ng	-0.01
23) Nitrobenzene-d5	9.31	82	209998	109.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	67678	129.79	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	366928	108.59	ng	-0.02
78) Terphenyl-d14	20.07	244	515987	111.74	ng	-0.01

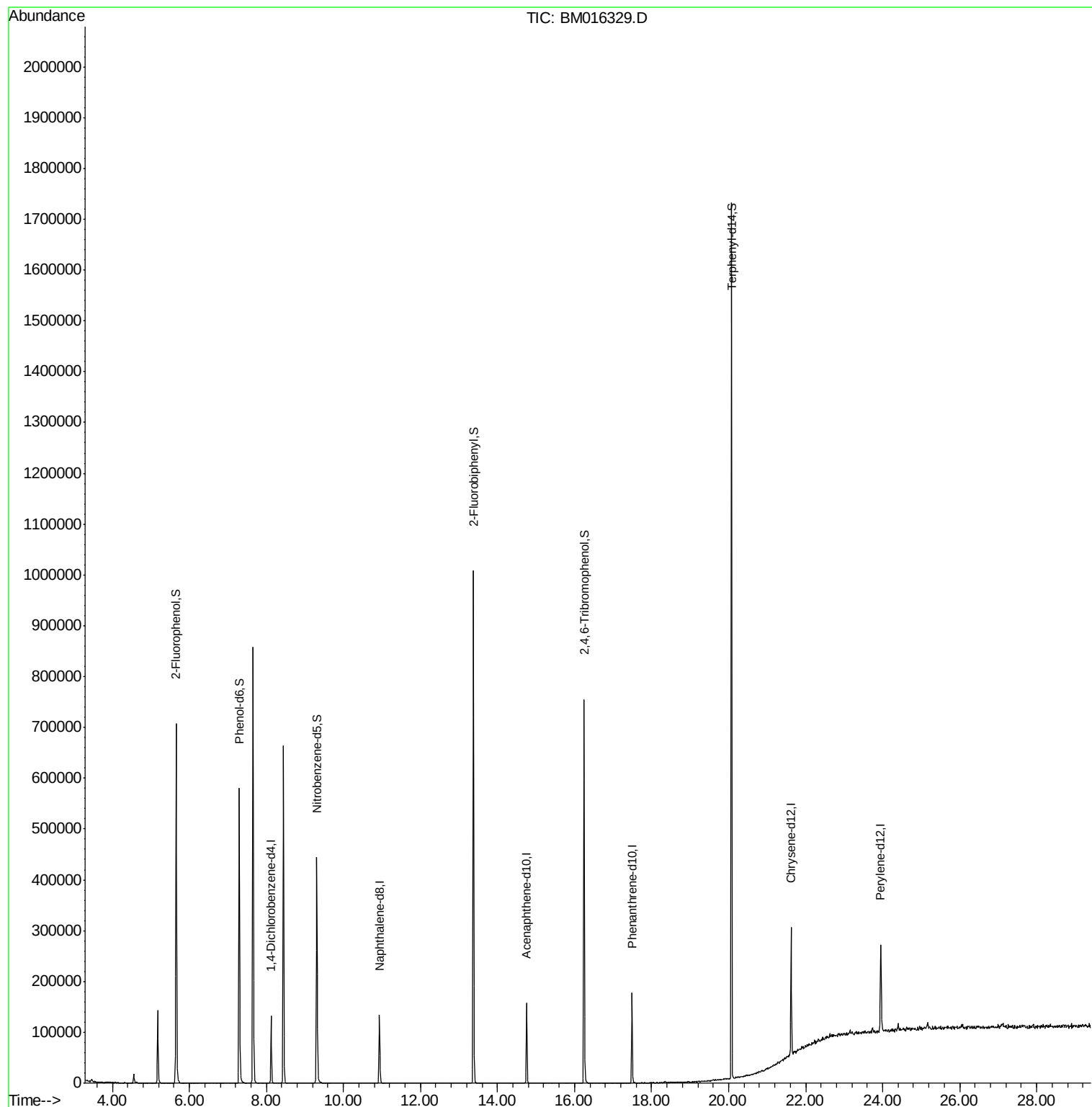
Target Compounds	Qvalue
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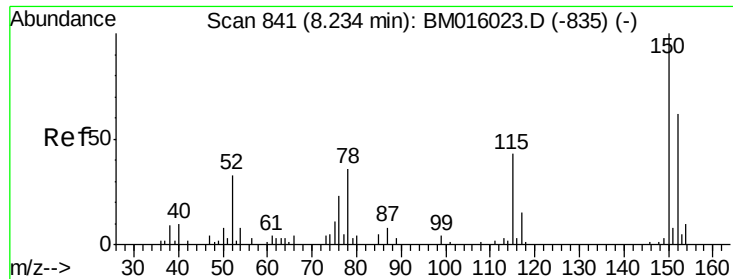
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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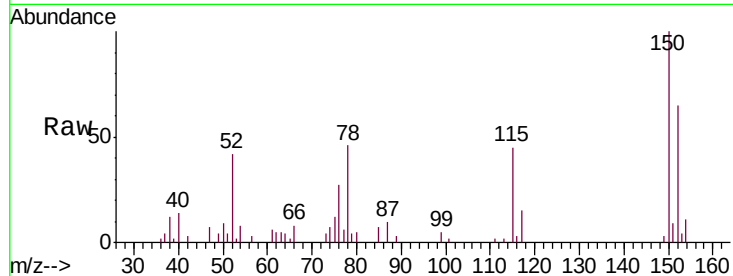


#1

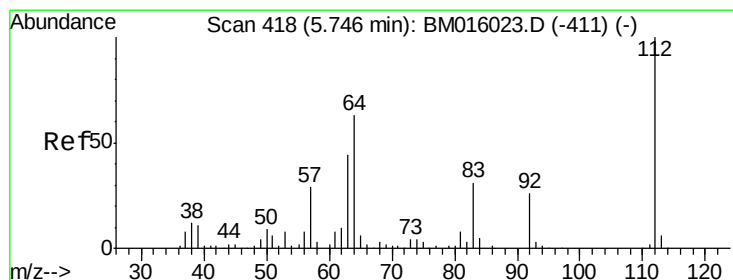
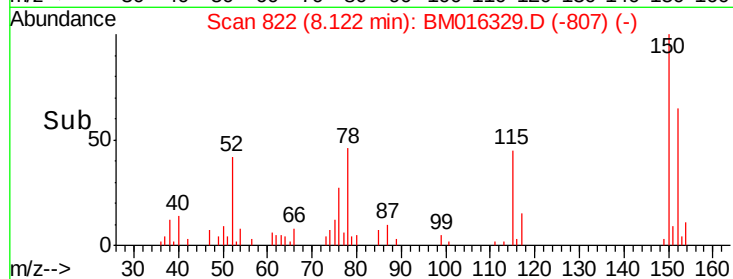
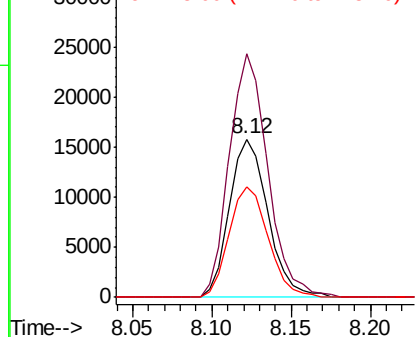
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016329.D
Acq: 13 Aug 2018 17:23

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:152 Resp: 26610
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 69.6 43.0 64.4#



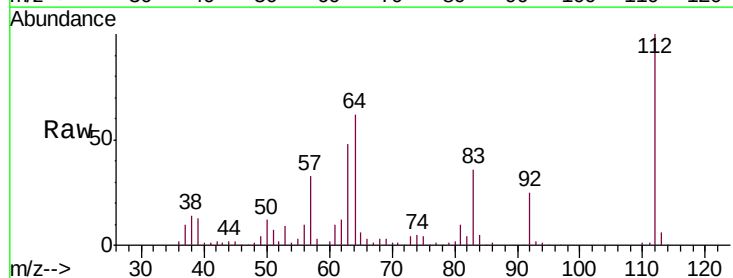
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



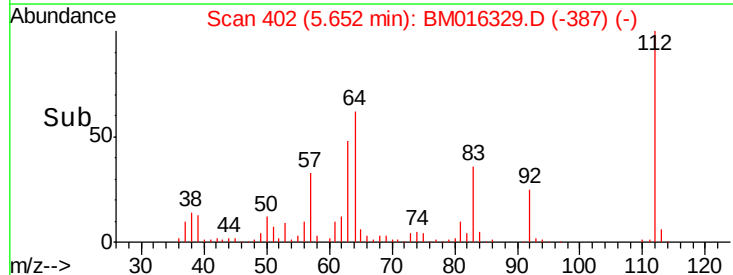
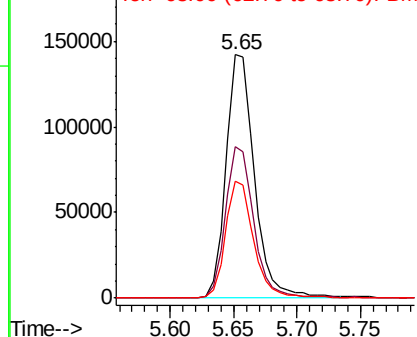
#5

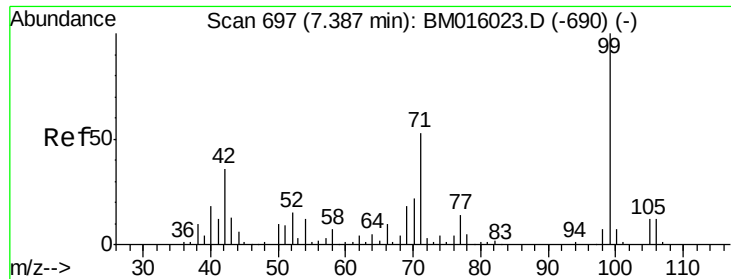
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 402
Delta R.T. -0.01 min
Lab File: BM016329.D
Acq: 13 Aug 2018 17:23

Tgt Ion:112 Resp: 220940
Ion Ratio Lower Upper
112 100
64 62.2 38.6 57.8#
63 47.8 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: N.D. ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM016329.D

Acq: 13 Aug 2018 17:23

Instrument :

BNA_M

ClientSampleId :

RB47197

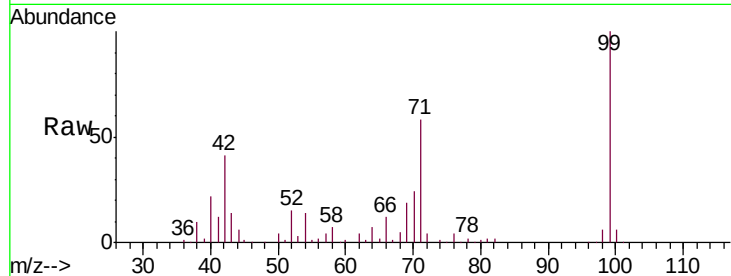
Tgt Ion: 99 Resp: 220758

Ion Ratio Lower Upper

99 100

42 40.9 11.0 16.4#

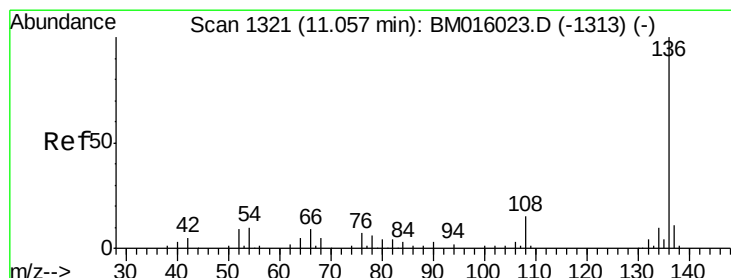
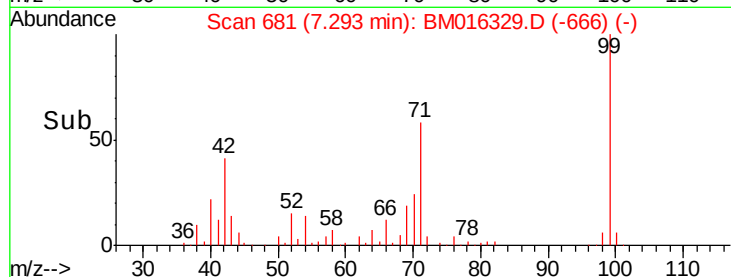
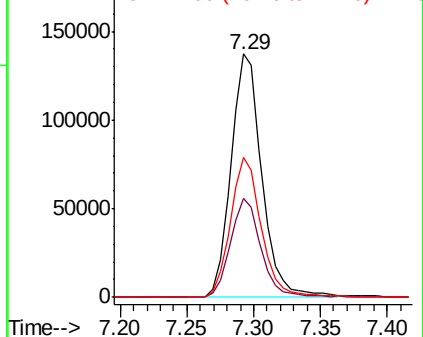
71 57.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016329.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016329.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016329.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM016329.D

Acq: 13 Aug 2018 17:23

Tgt Ion: 136 Resp: 88835

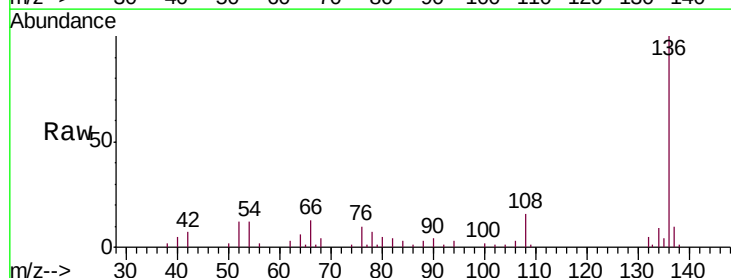
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 11.8 4.6 6.8#

68 3.7 3.7 5.5

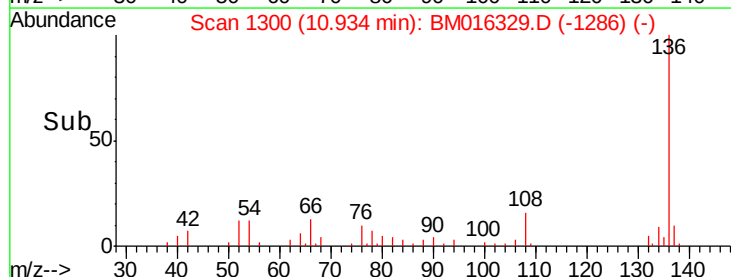
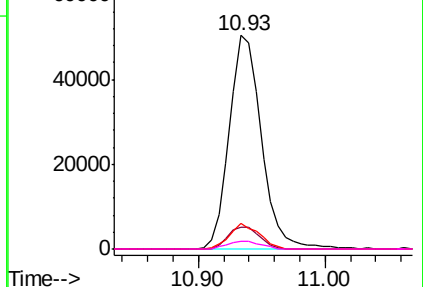


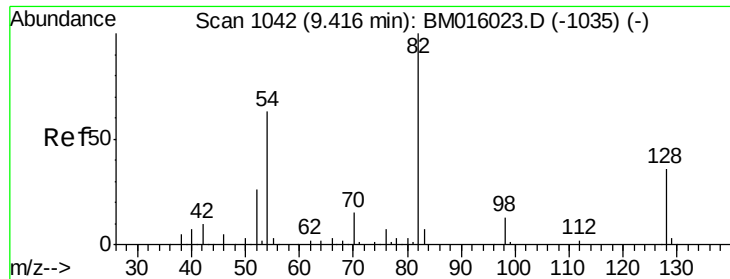
Abundance Ion 136.00 (135.70 to 136.70): BM016329.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016329.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016329.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016329.D (-1286) (-)

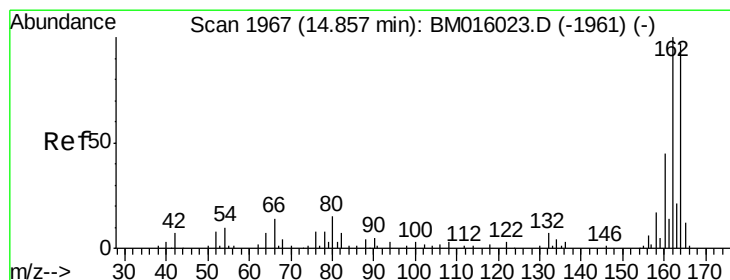
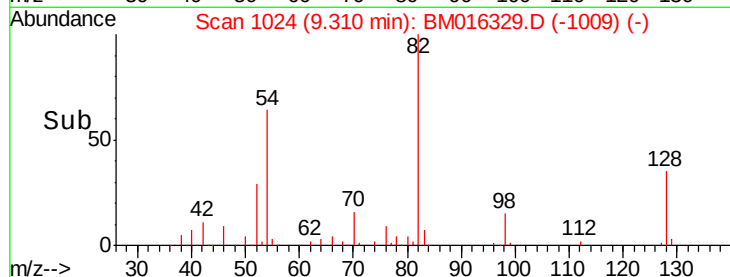
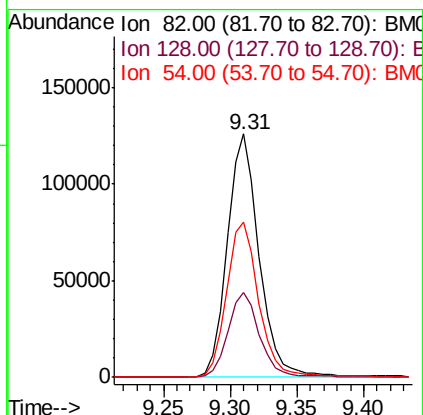
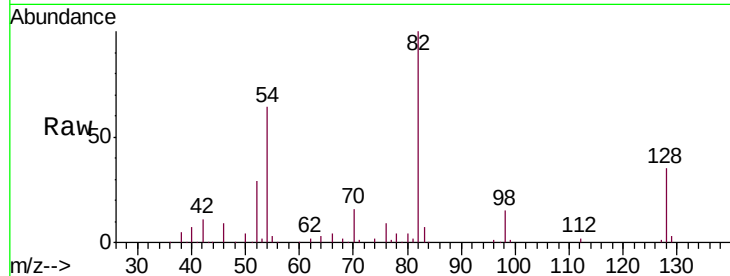




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BM016329.D
 Acq: 13 Aug 2018 17:23

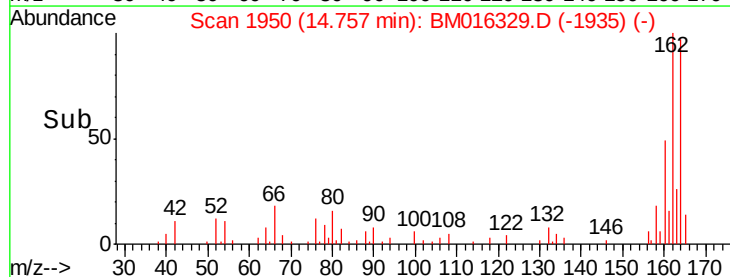
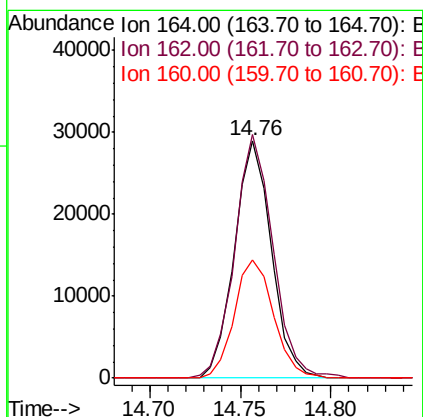
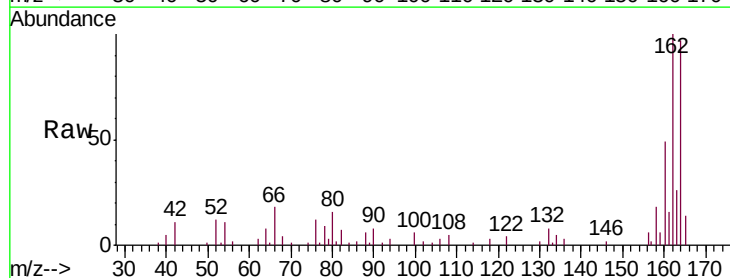
Instrument :
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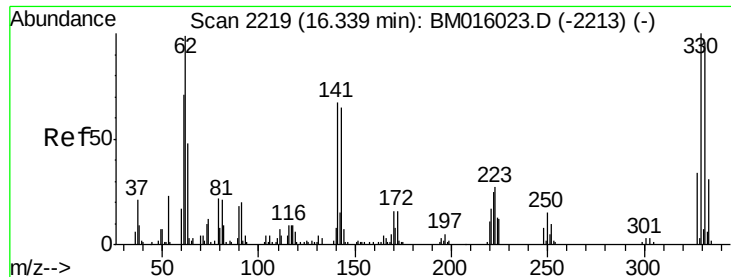
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	63.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016329.D
 Acq: 13 Aug 2018 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.4	123.6
160	49.9	35.8	53.6

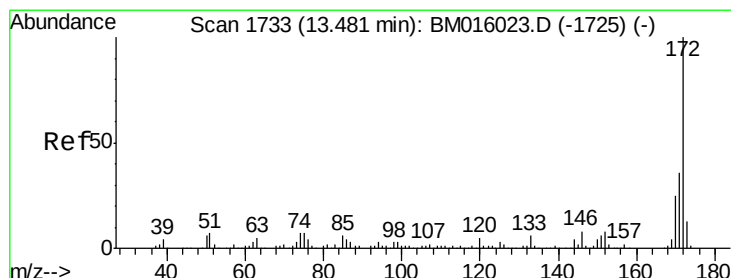
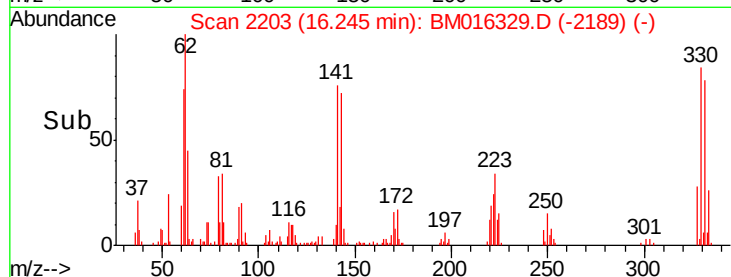
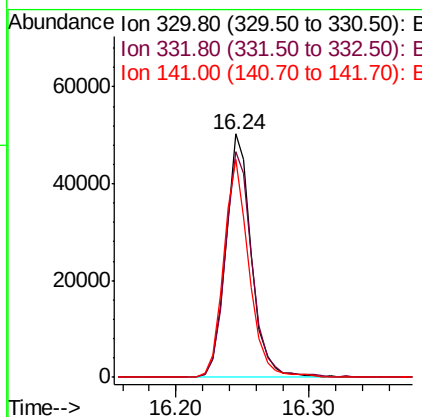
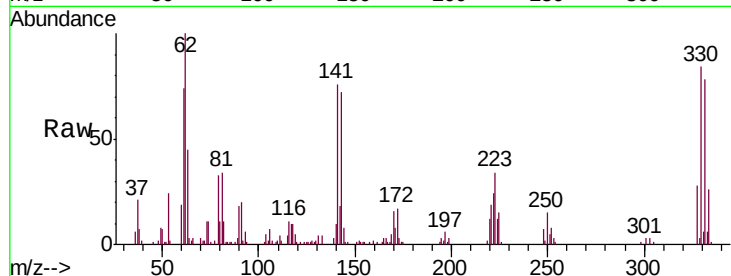




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM016329.D
 Acq: 13 Aug 2018 17:23

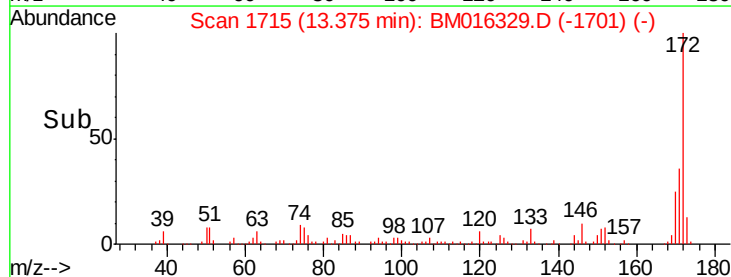
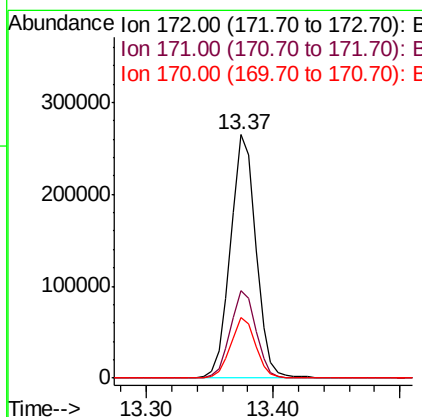
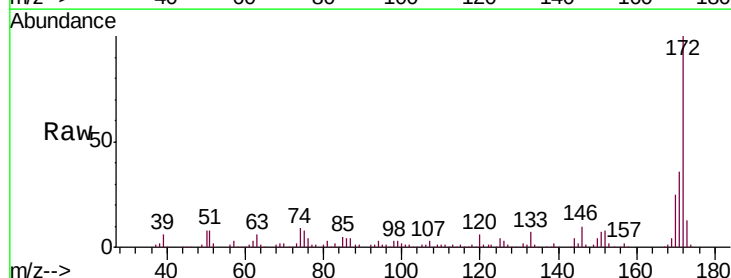
Instrument :
 BNA_M
 ClientSampleId :
 RB47197

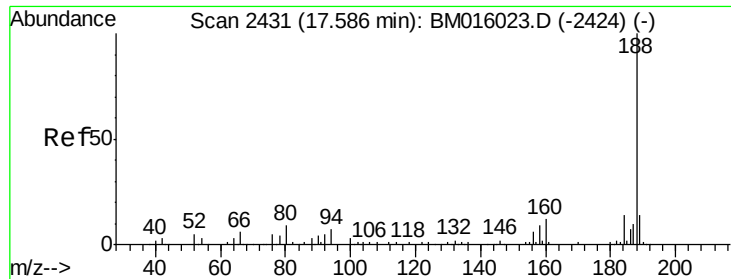
Tgt Ion: 330 Resp: 67678
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 88.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016329.D
 Acq: 13 Aug 2018 17:23

Tgt Ion: 172 Resp: 366928
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 25.0 18.8 28.2

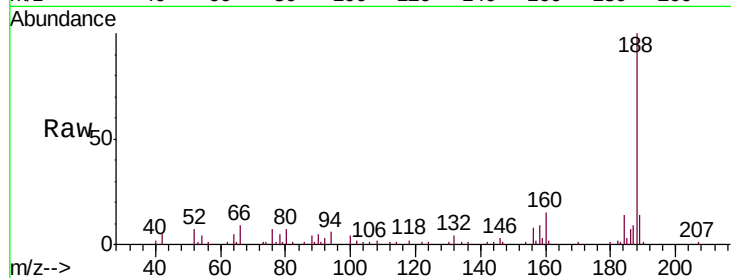




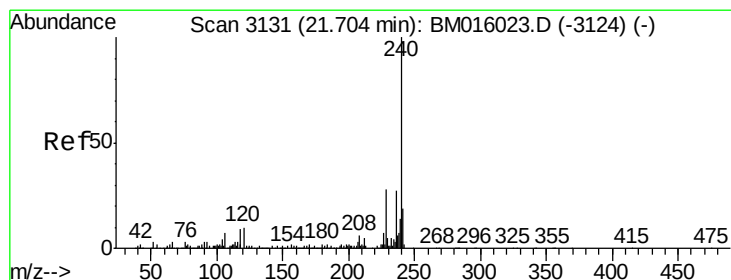
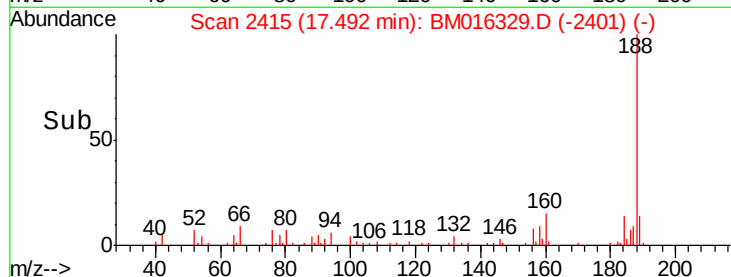
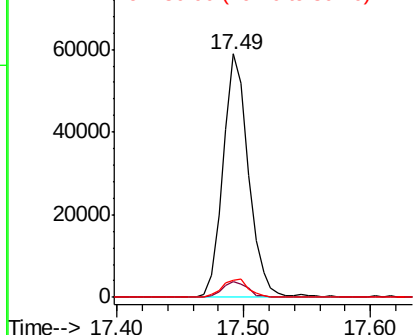
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016329.D
Acq: 13 Aug 2018 17:23

Instrument :
BNA_M
ClientSampleId :
RB47197

Tgt Ion:188 Resp: 82134
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 7.2 9.3 13.9#

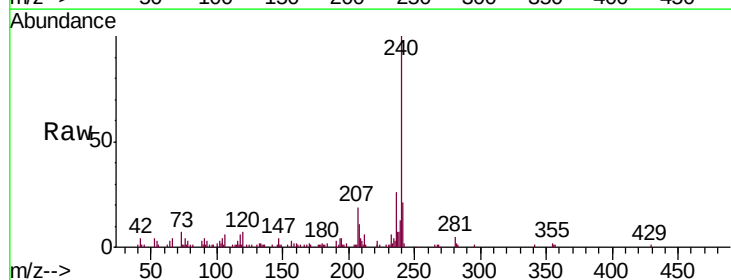


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

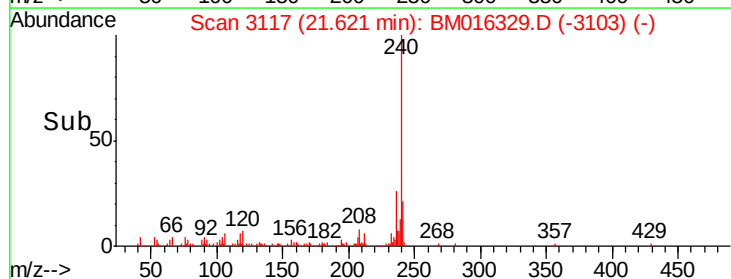
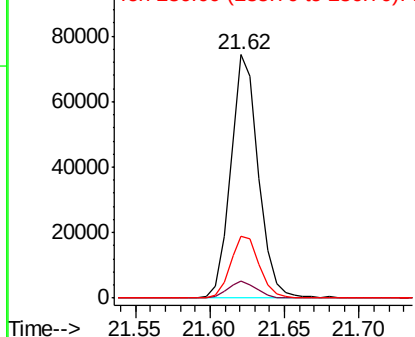


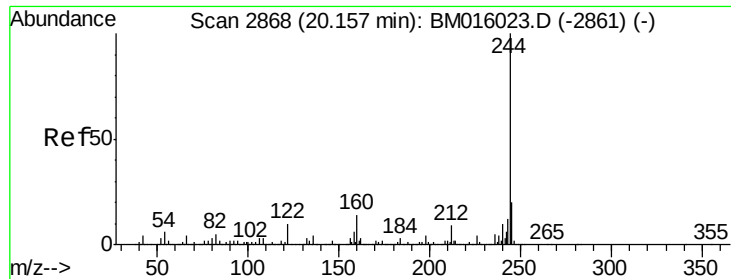
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016329.D
Acq: 13 Aug 2018 17:23

Tgt Ion:240 Resp: 96660
Ion Ratio Lower Upper
240 100
120 6.9 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

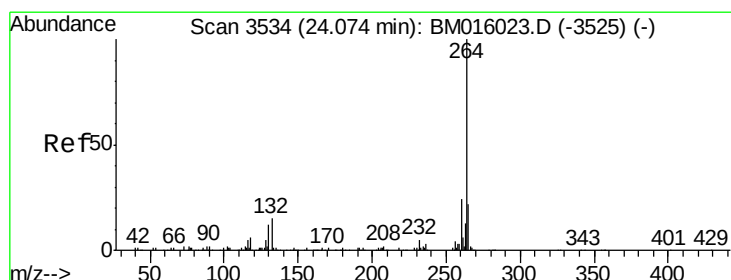
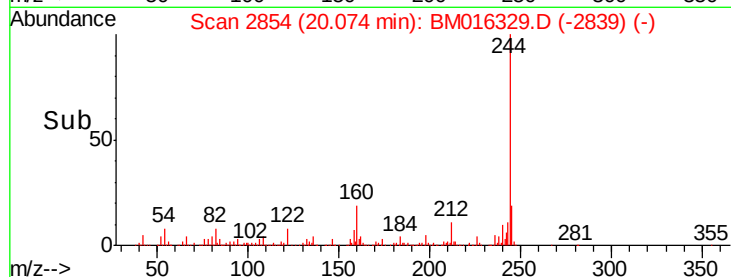
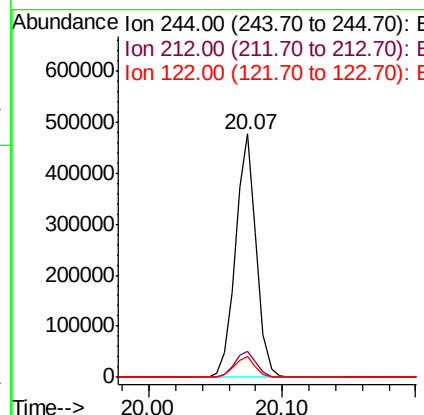
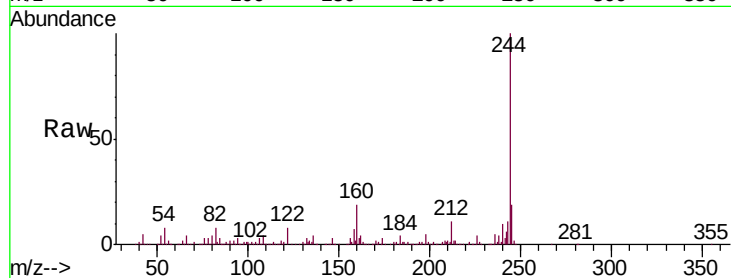




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.07 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BM016329.D
 Acq: 13 Aug 2018 17:23

Instrument :
 BNA_M
 ClientSampleId :
 RB47197

Tgt Ion:244 Resp: 515987
 Ion Ratio Lower Upper
 244 100
 212 10.8 4.9 7.3#
 122 8.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.95 min Scan# 3513
 Delta R.T. -0.02 min
 Lab File: BM016329.D
 Acq: 13 Aug 2018 17:23

Tgt Ion:264 Resp: 110086
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 22.8 17.3 25.9

