

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016269.D
 Acq On : 09 Aug 2018 04:39
 Operator : SJ/JU
 Sample : J4328-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 05:22:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

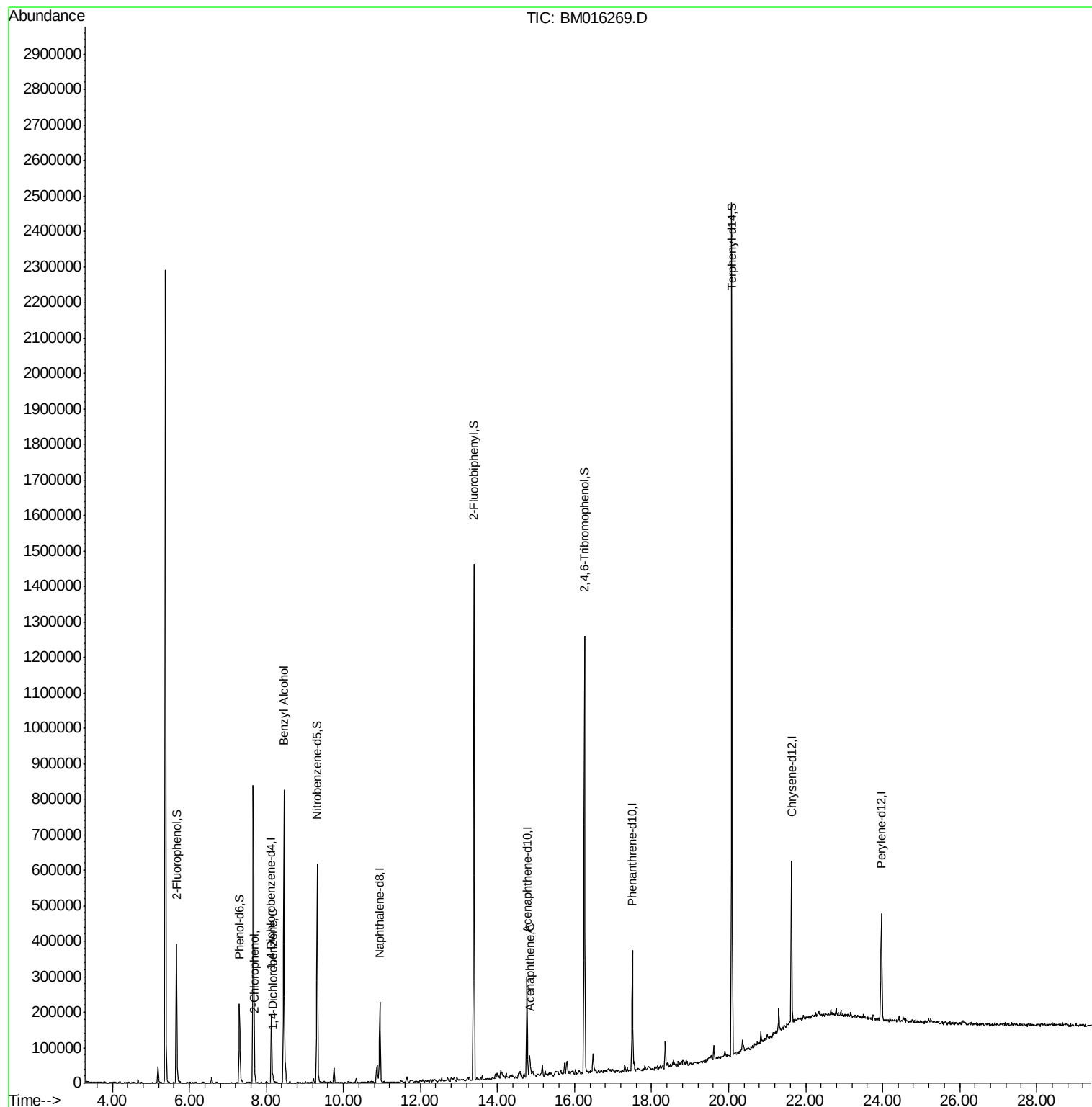
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	40976	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	150804	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	76933	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	162102	20.00	ng	0.00
75) Chrysene-d12	21.63	240	169697	20.00	ng	0.00
86) Perylene-d12	23.97	264	179533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	136348	55.27	ng	0.00
7) Phenol-d6	7.30	99	96197	29.86	ng	0.00
23) Nitrobenzene-d5	9.32	82	297773	91.84	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	129676	132.90	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	559885	88.55	ng	0.00
78) Terphenyl-d14	20.09	244	848860	104.71	ng	0.00
Target Compounds						
8) 2-Chlorophenol	7.69	128	6636	2.264	ng	Qvalue # 74
13) 1,4-Dichlorobenzene	8.17	146	7030	2.020	ng	93
15) Benzyl Alcohol	8.46	79	6386	2.490	ng	# 37
51) Acenaphthene	14.83	154	15771	3.244	ng	94

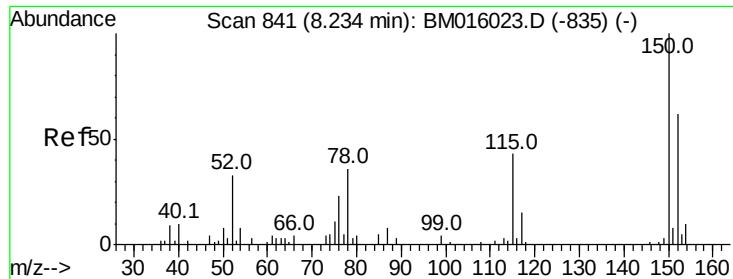
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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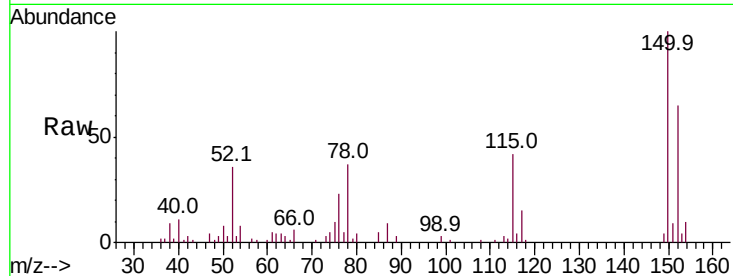


#1

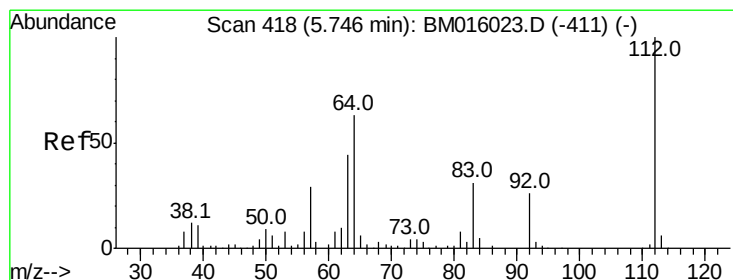
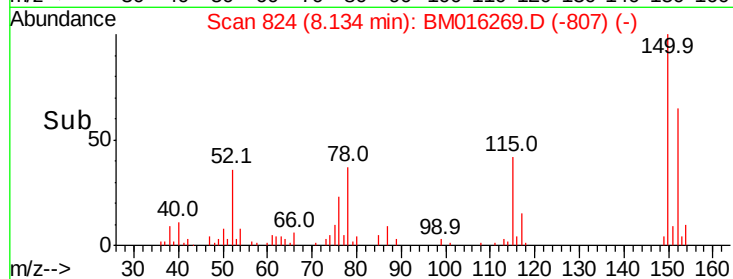
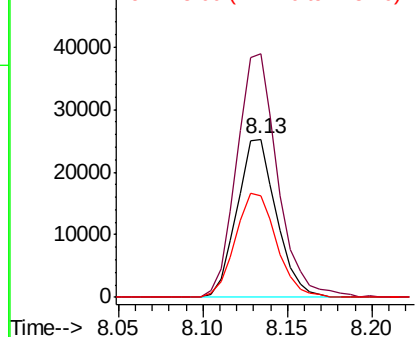
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 40976
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 64.5 43.0 64.4#



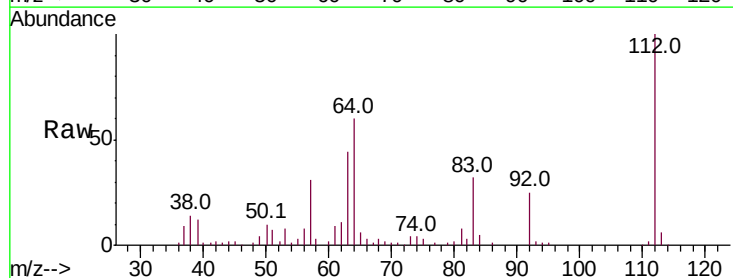
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



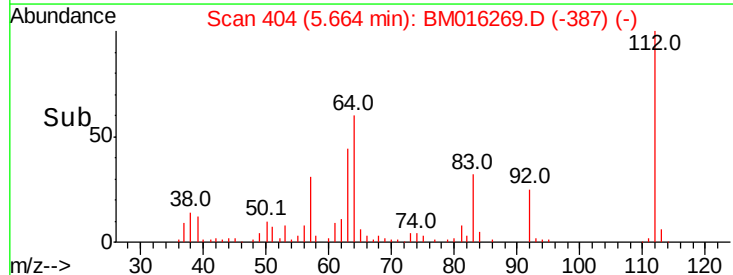
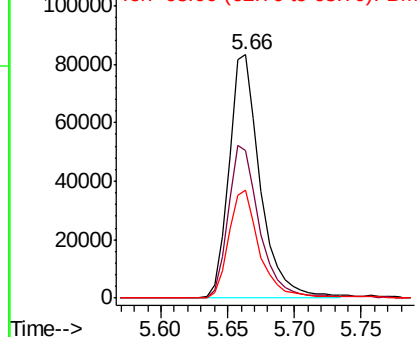
#5

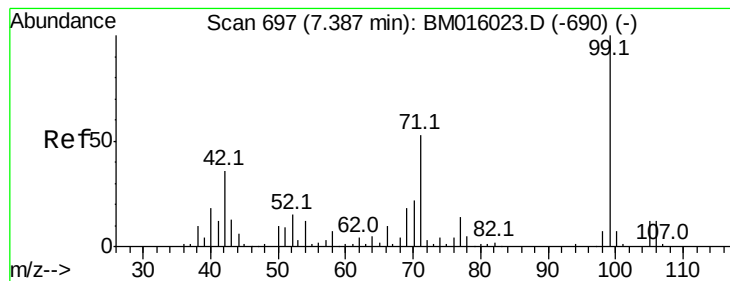
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:112 Resp: 136348
Ion Ratio Lower Upper
112 100
64 60.4 38.6 57.8#
63 44.4 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: Below na

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

Instrument :

BNA_M

ClientSampled :

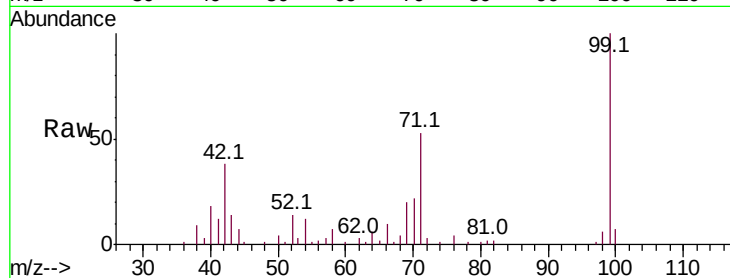
Tot Ion: 99 Resp: 96197

Ion Ratio Lower Upper

99 100

42 38.2 11.0 16.4#

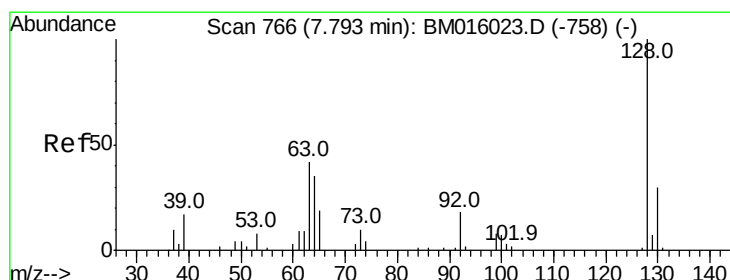
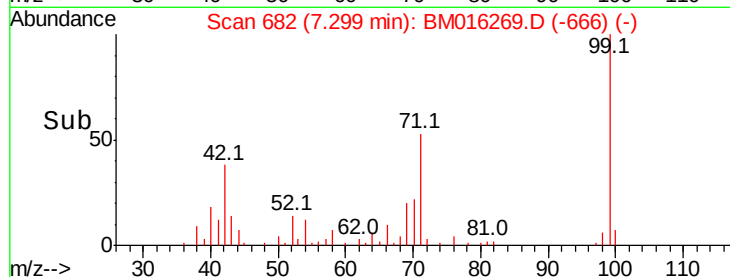
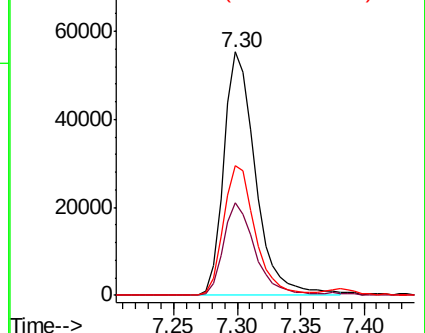
71 53.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 2.264 ng

RT: 7.69 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

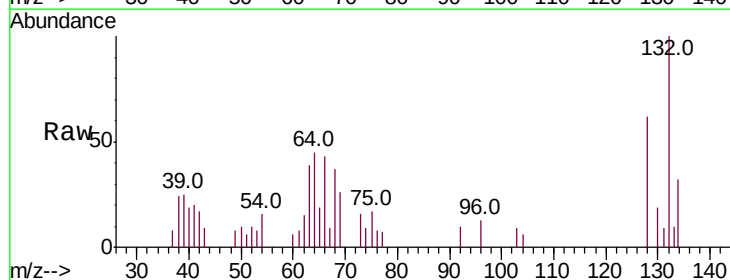
Tgt Ion: 128 Resp: 6636

Ion Ratio Lower Upper

128 100

130 30.7 12.0 52.0

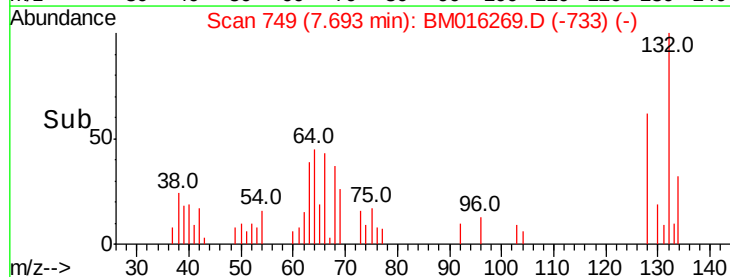
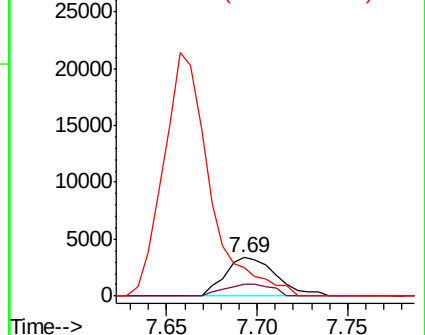
64 73.4 24.9 64.9#

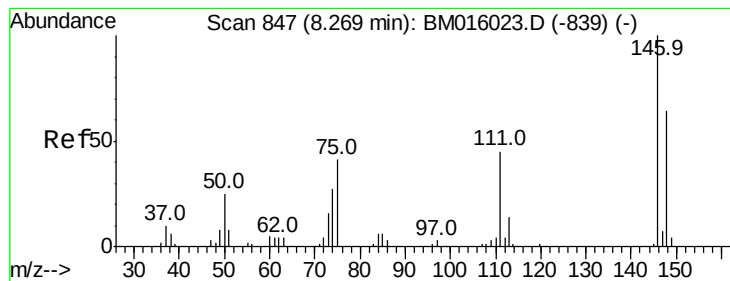


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#13

1,4-Dichlorobenzene

Concen: 2.020 ng

RT: 8.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

Instrument :

BNA_M

ClientSampled :

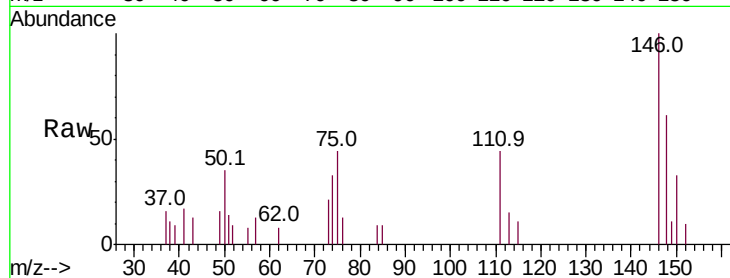
Tot Ion:146 Resp: 7030

Ion Ratio Lower Upper

146 100

148 61.5 51.9 77.9

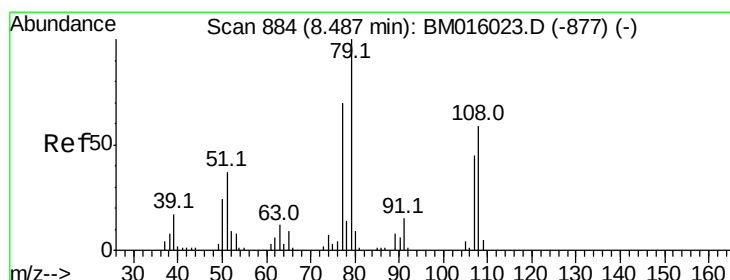
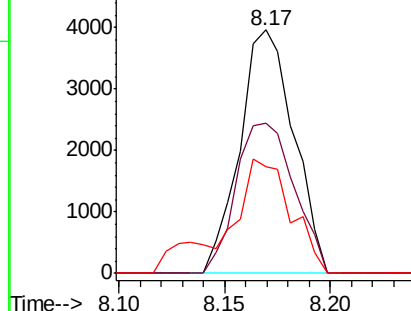
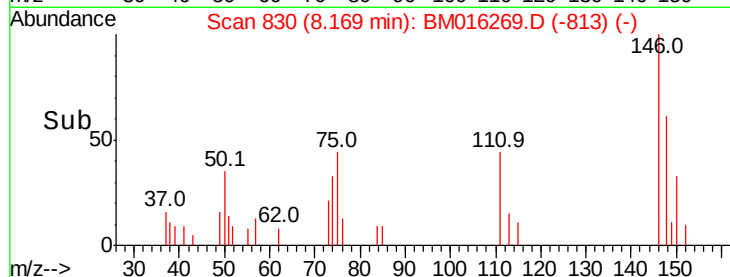
111 43.6 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.490 ng

RT: 8.46 min Scan# 879

Delta R.T. 0.07 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

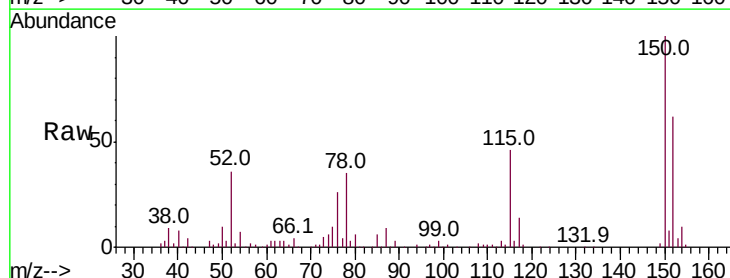
Tgt Ion: 79 Resp: 6386

Ion Ratio Lower Upper

79 100

108 72.4 65.0 97.4

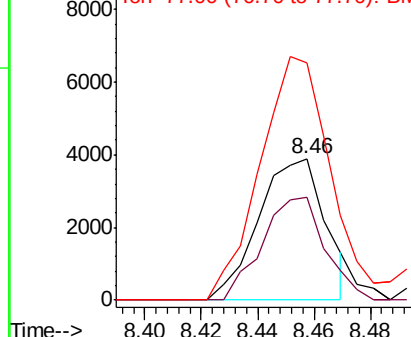
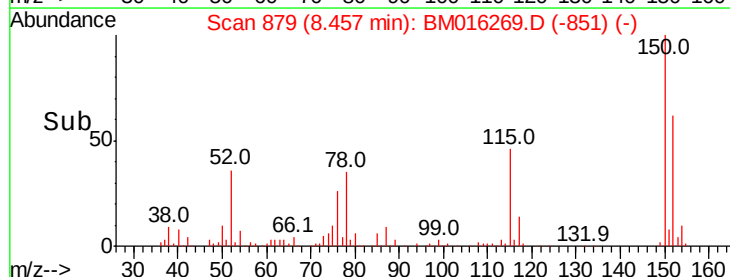
77 167.5 53.0 79.6#

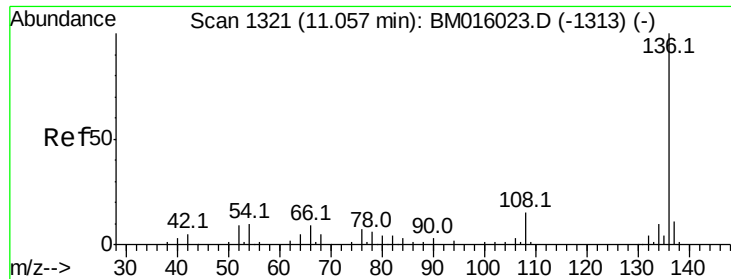


Abundance Ion 79.00 (78.70 to 79.70): BM

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

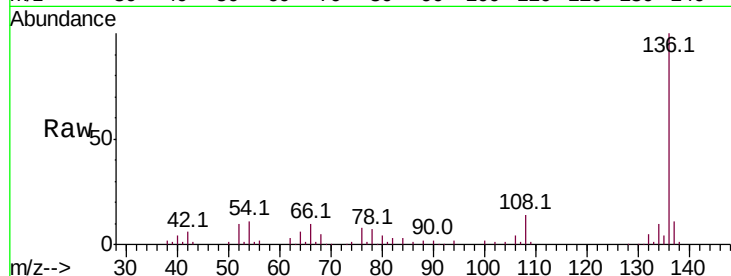




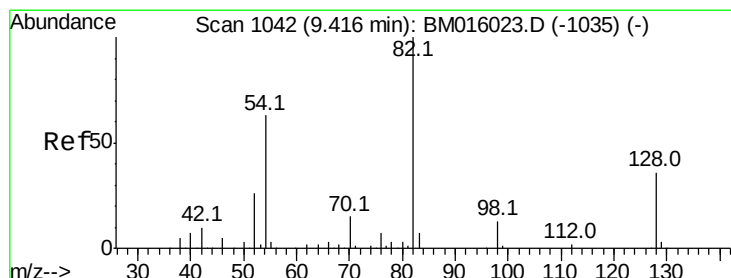
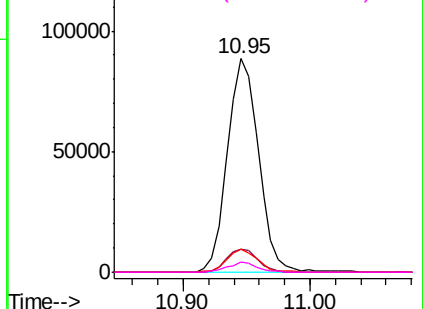
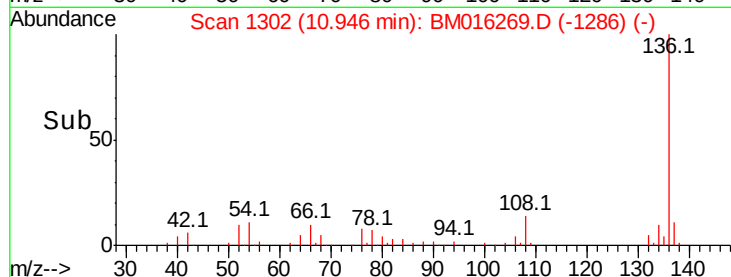
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp:	150804
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.6	4.6 6.8#
68	4.8	3.7 5.5

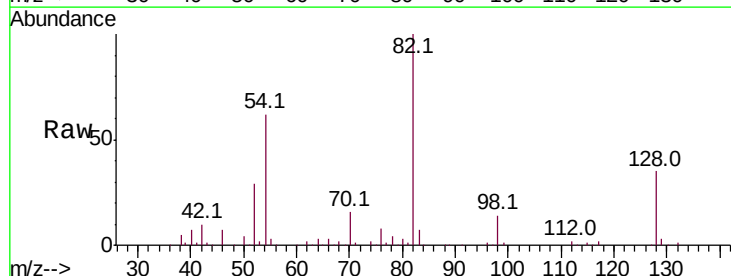


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

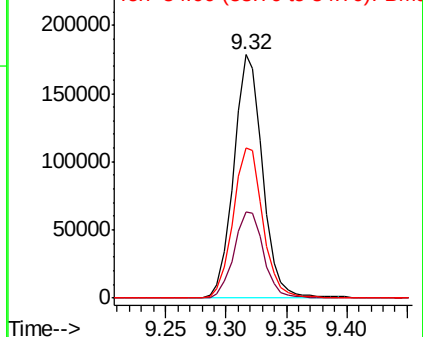
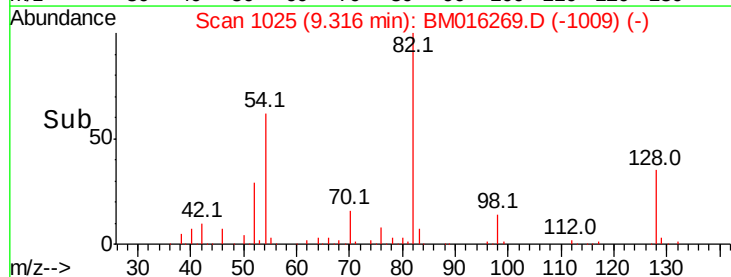


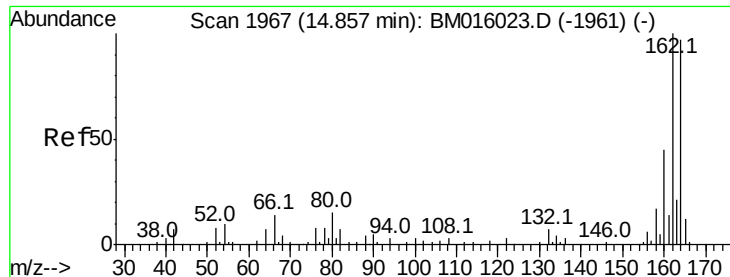
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion: 82	Resp:	297773
Ion Ratio	Lower	Upper
82	100	
128	35.5	32.8 49.2
54	61.6	40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

Instrument :

BNA_M

ClientSampleId :

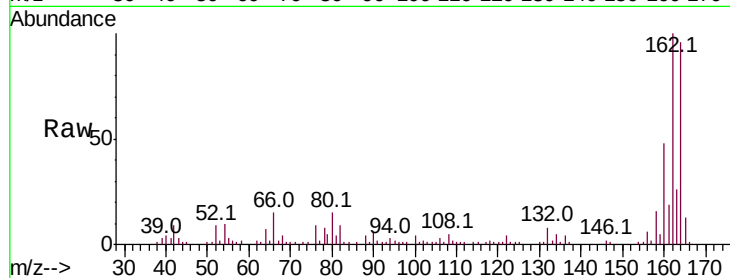
Tot Ion:164 Resp: 76933

Ion Ratio Lower Upper

164 100

162 104.7 82.4 123.6

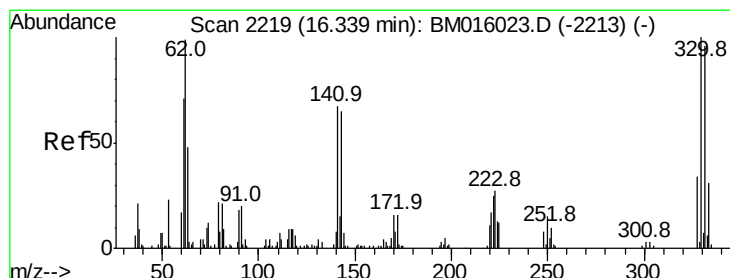
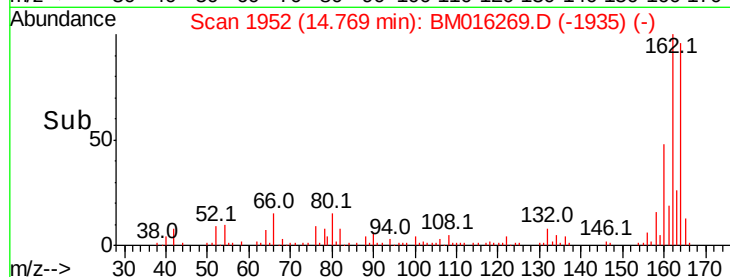
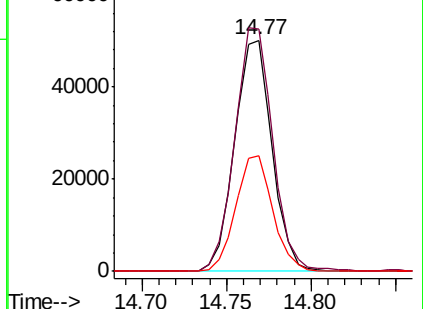
160 50.3 35.8 53.6



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: N.D. ng

RT: 16.26 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

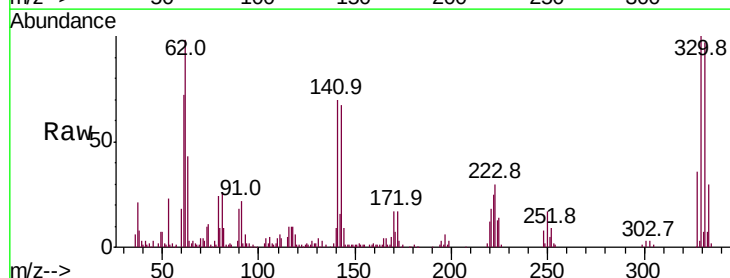
Tgt Ion:330 Resp: 129676

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

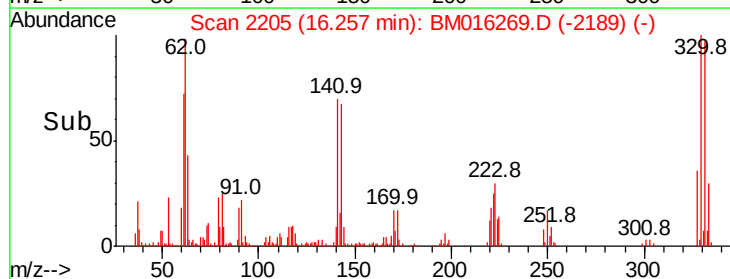
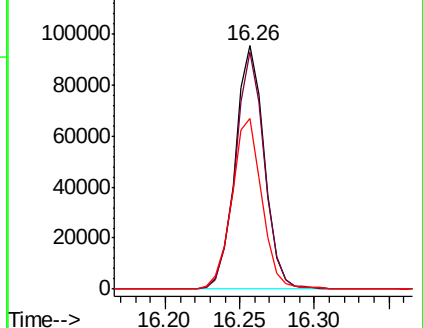
141 72.6 0.0 0.0#

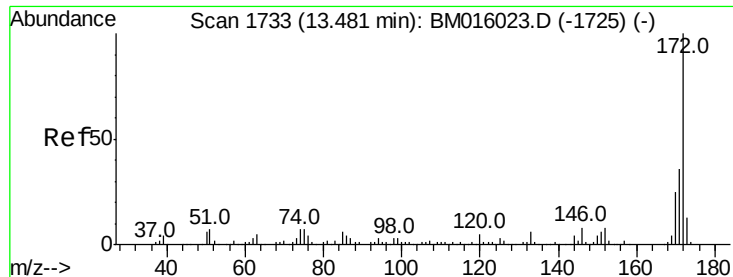


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

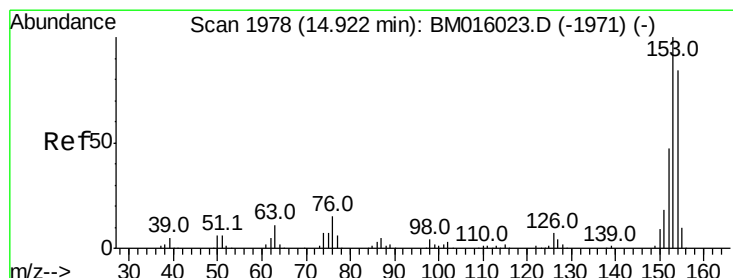
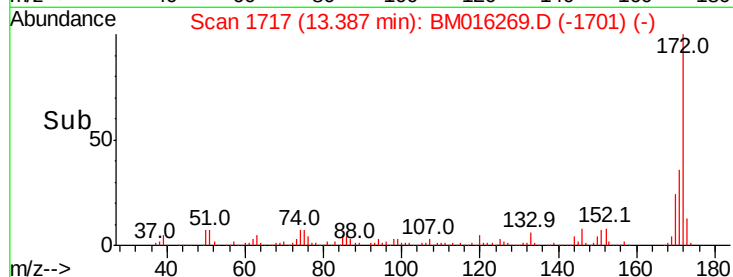
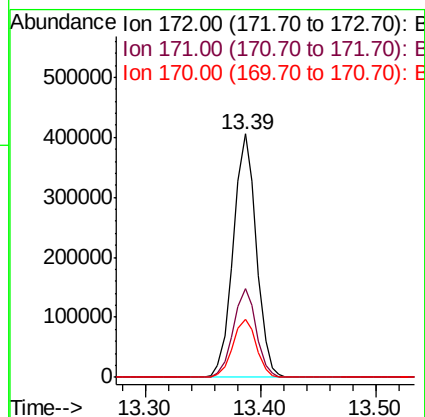
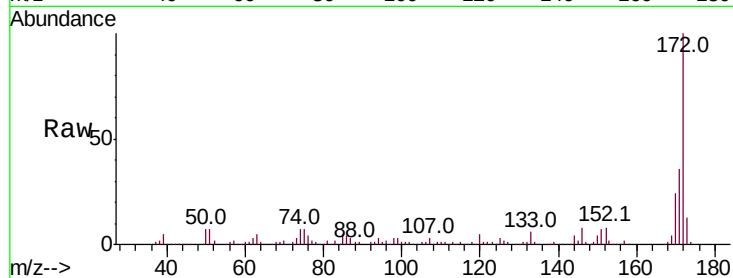




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

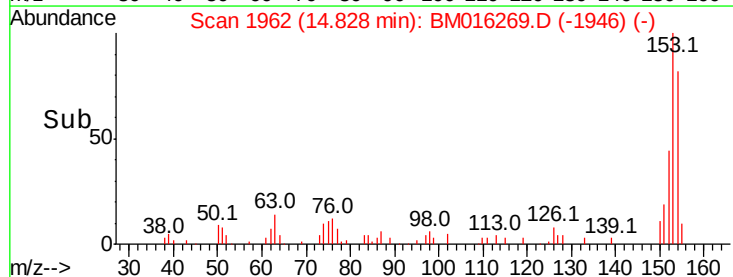
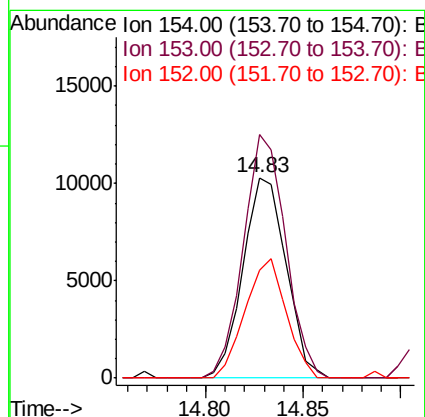
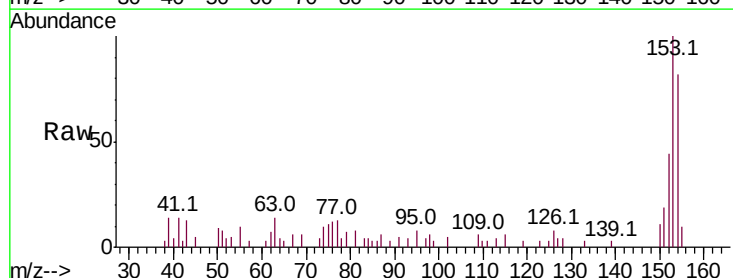
Instrument :
BNA_M
ClientSampled :

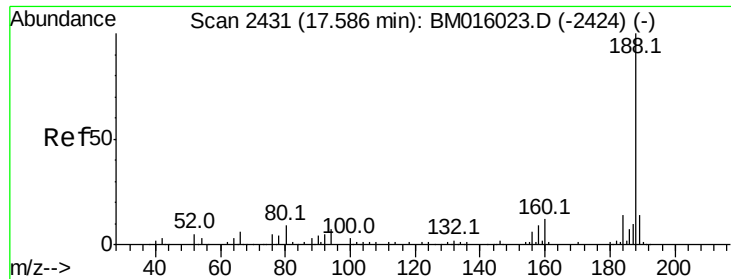
Tot Ion:172 Resp: 559885
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.8 18.8 28.2



#51
Acenaphthene
Concen: 3.244 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:154 Resp: 15771
Ion Ratio Lower Upper
154 100
153 121.4 90.0 135.0
152 53.6 42.6 63.8

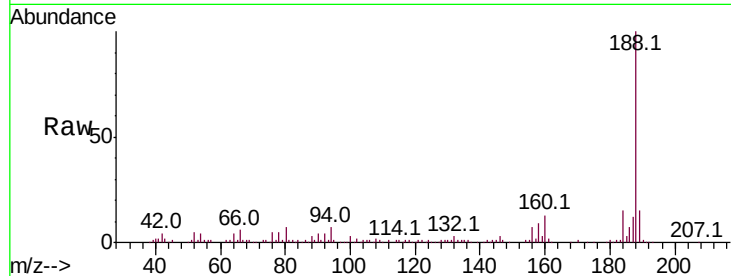




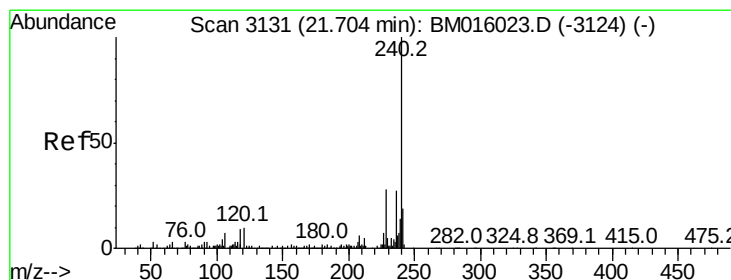
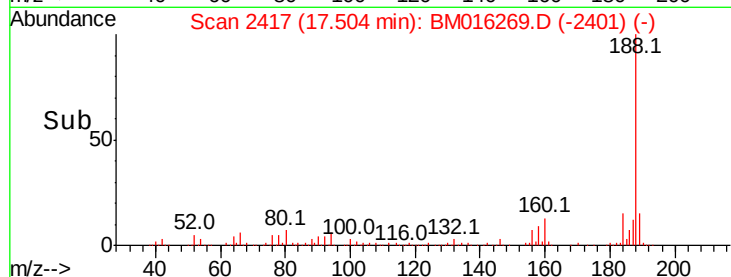
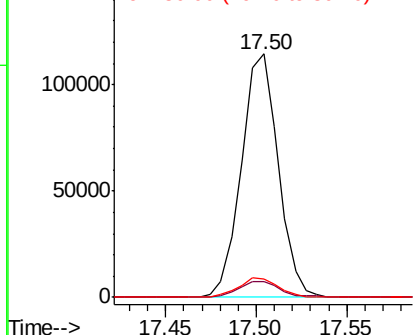
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 162102
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 7.5 9.3 13.9#

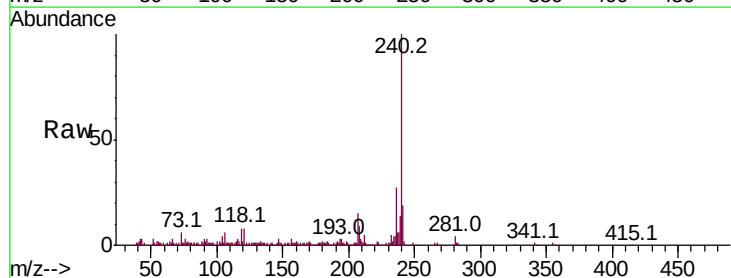


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

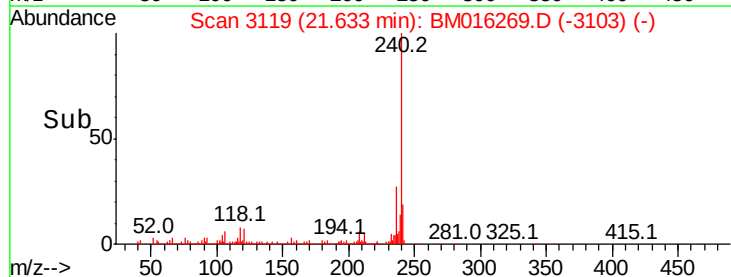
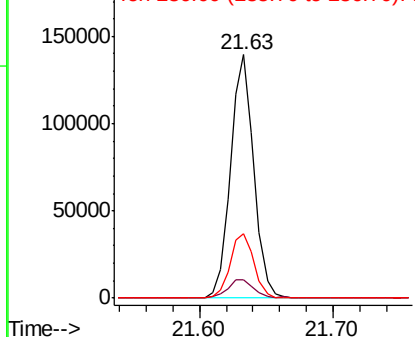


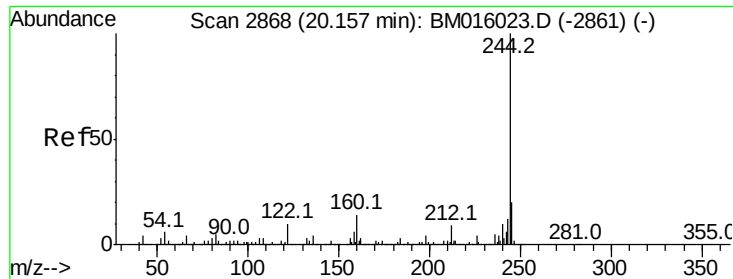
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:240 Resp: 169697
Ion Ratio Lower Upper
240 100
120 7.7 8.2 12.2#
236 26.7 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: Below na

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

Instrument :

BNA_M

ClientSampled :

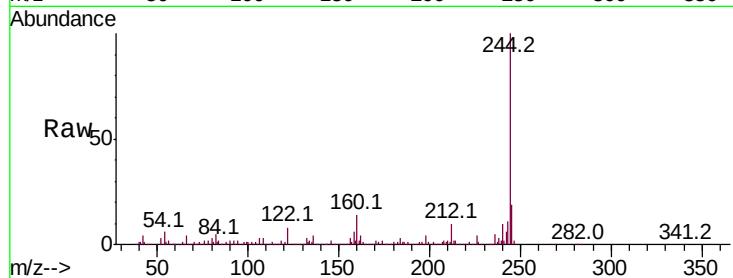
Tot Ion:244 Resp: 848860

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

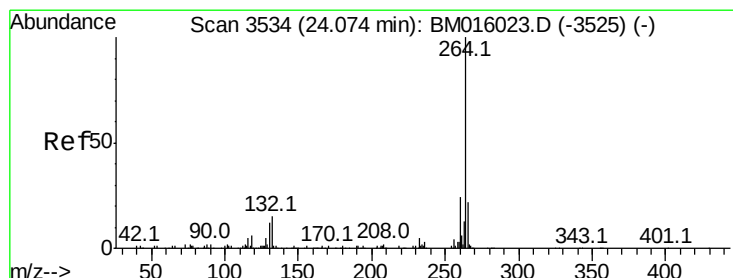
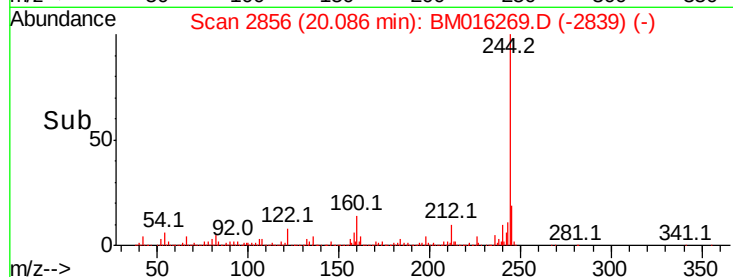
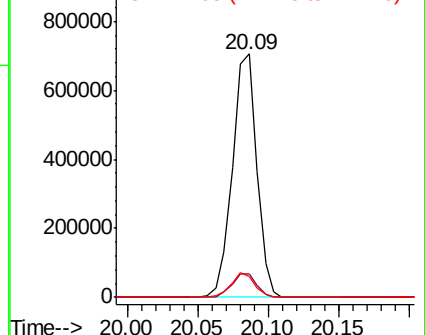
122 8.4 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016269.D

Acq: 09 Aug 2018 04:39

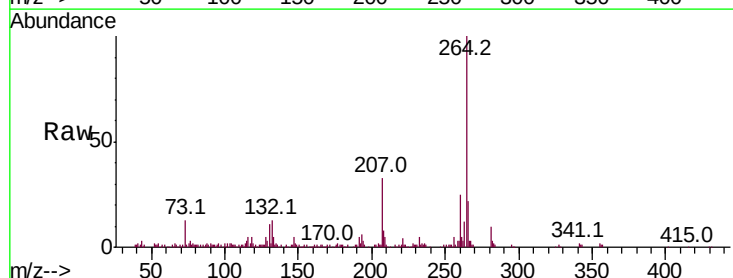
Tgt Ion:264 Resp: 179533

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 21.8 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

