

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
 Data File : BM016288.D
 Acq On : 09 Aug 2018 19:07
 Operator : SJ/JU
 Sample : J4369-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FIELDBLANK

Quant Time: Aug 10 06:55:43 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	44236	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	154610	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	72721	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	141474	20.00	ng	0.00
75) Chrysene-d12	21.63	240	155594	20.00	ng	0.00
86) Perylene-d12	23.97	264	178108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	122768	46.10	ng	0.00
7) Phenol-d6	7.31	99	83821	24.10	ng	0.00
23) Nitrobenzene-d5	9.32	82	309234	93.03	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	100308	108.75	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	552606	92.46	ng	0.00
78) Terphenyl-d14	20.08	244	752535	101.24	ng	0.00

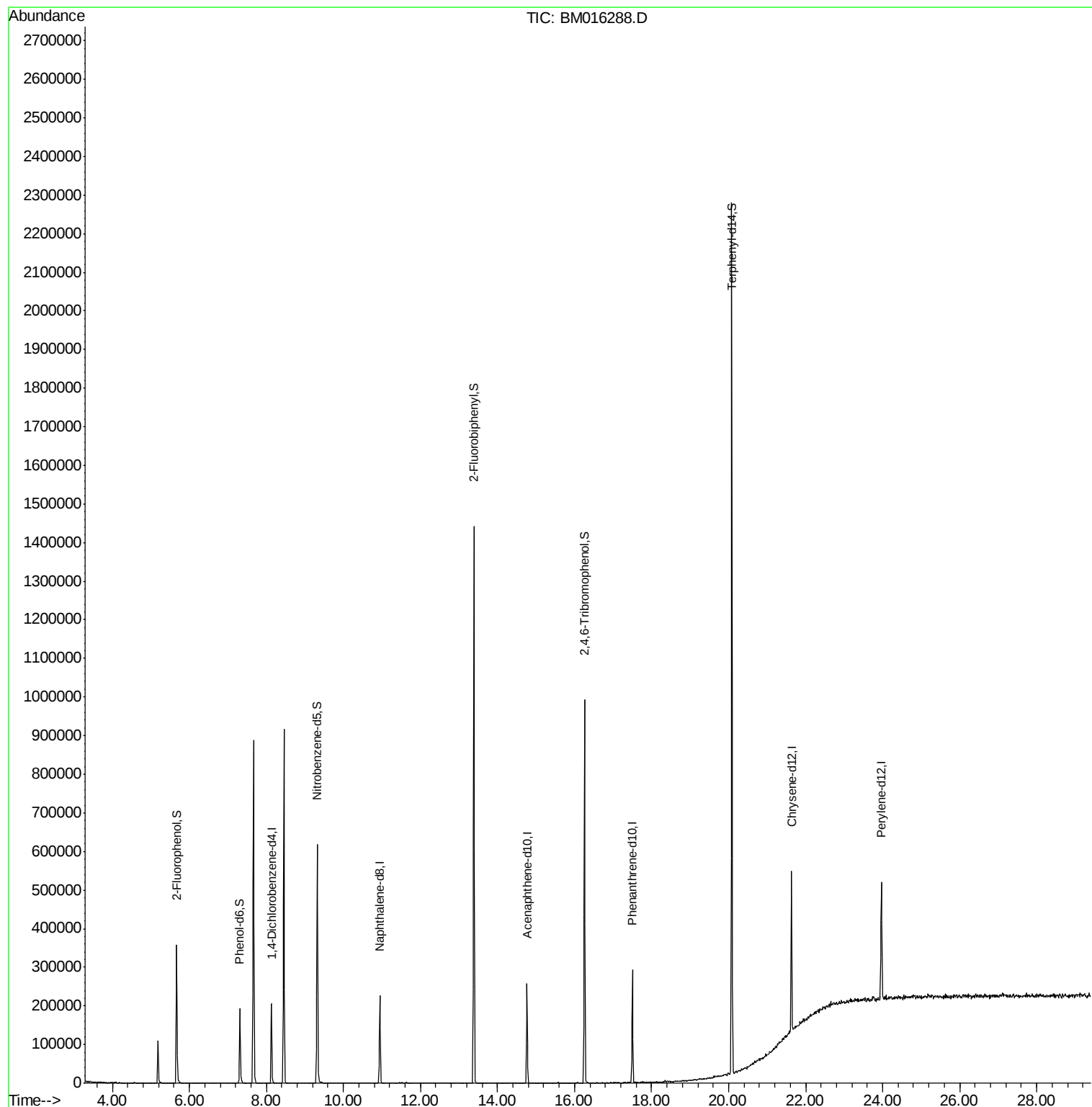
Target Compounds Qvalue

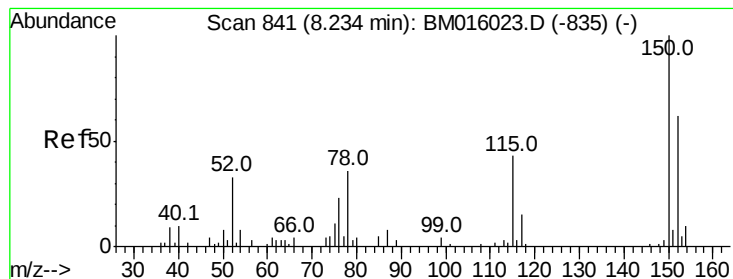
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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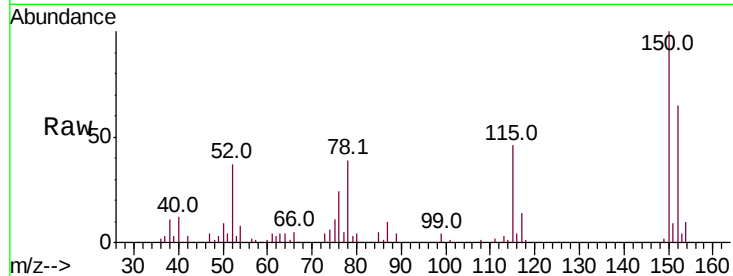


#1

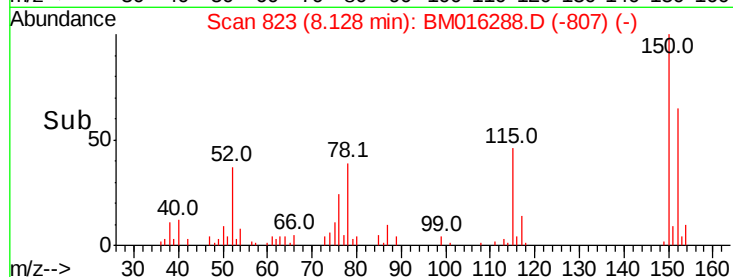
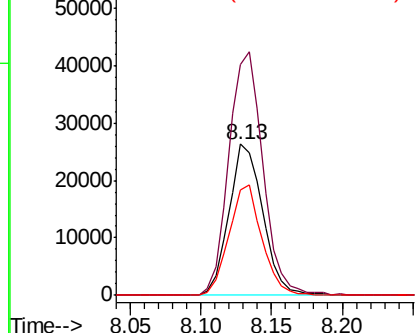
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016288.D
 Acq: 09 Aug 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 FIELDBLANK

Tot Ion:152 Resp: 44236
 Ion Ratio Lower Upper
 152 100
 150 153.3 119.5 179.3
 115 69.9 43.0 64.4#



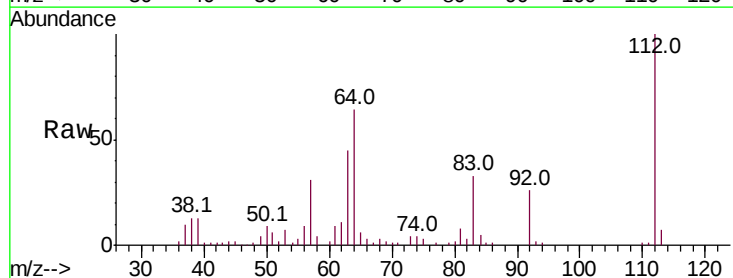
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



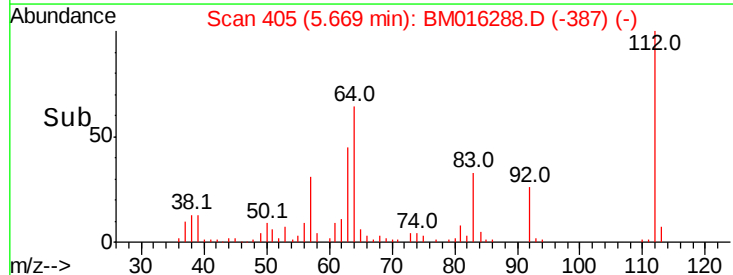
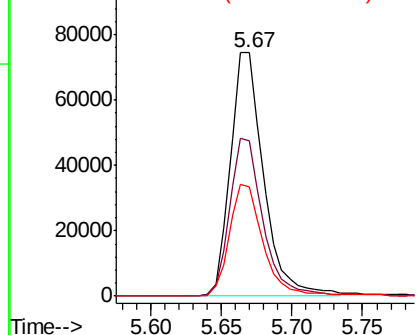
#5

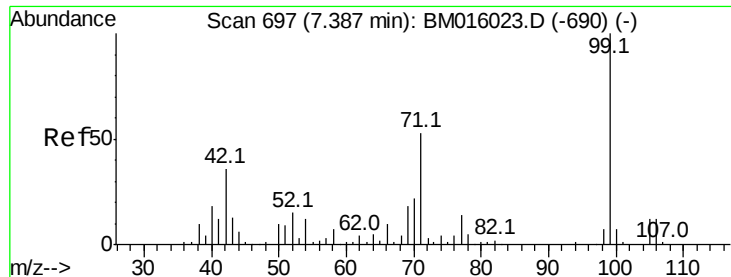
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: BM016288.D
 Acq: 09 Aug 2018 19:07

Tgt Ion:112 Resp: 122768
 Ion Ratio Lower Upper
 112 100
 64 63.6 38.6 57.8#
 63 45.1 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: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016288.D

Acq: 09 Aug 2018 19:07

Instrument :

BNA_M

ClientSampleId :

FIELDBLANK

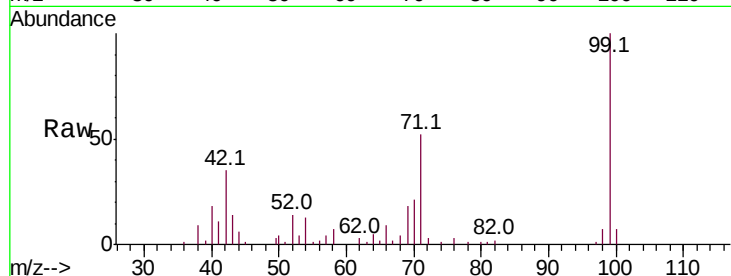
Tot Ion: 99 Resp: 83821

Ion Ratio Lower Upper

99 100

42 34.8 11.0 16.4#

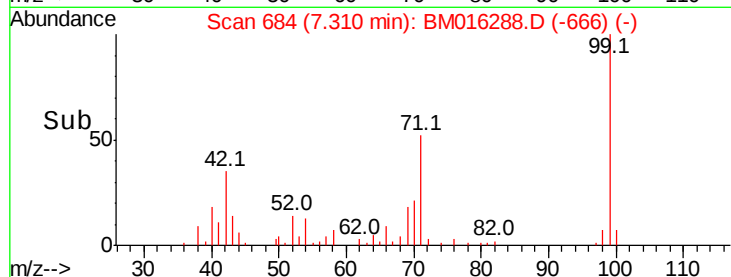
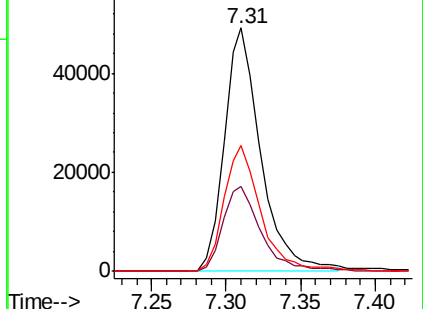
71 51.8 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016288.D

Acq: 09 Aug 2018 19:07

Tgt Ion: 136 Resp: 154610

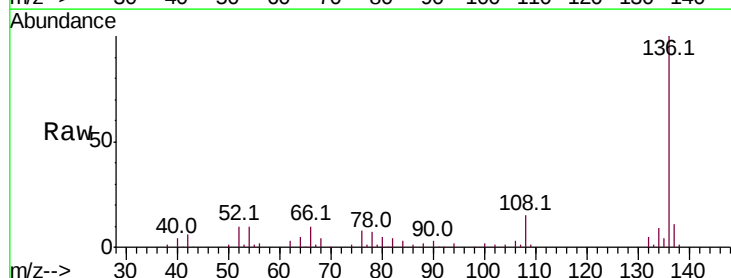
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.2 4.6 6.8#

68 4.2 3.7 5.5

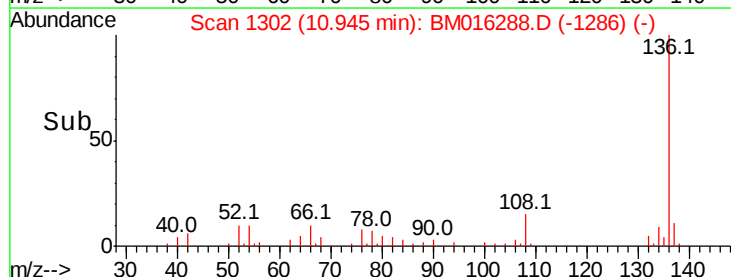
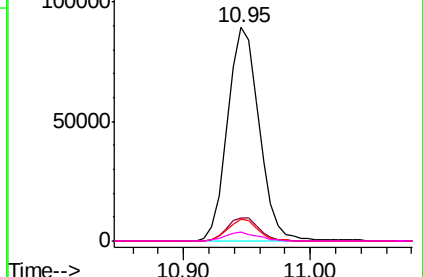


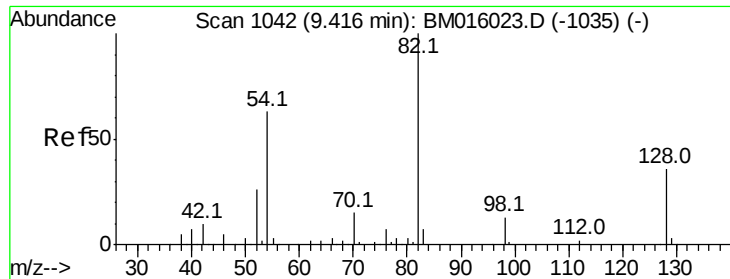
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

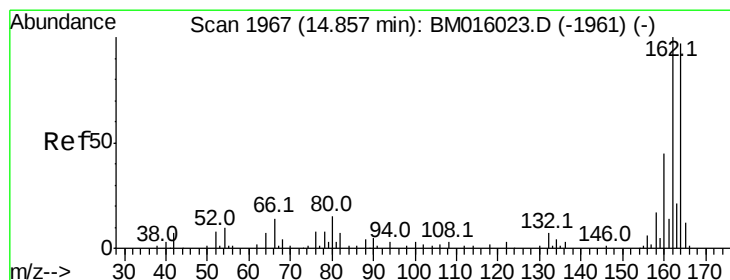
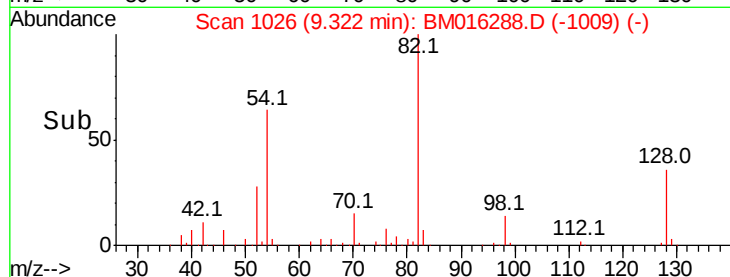
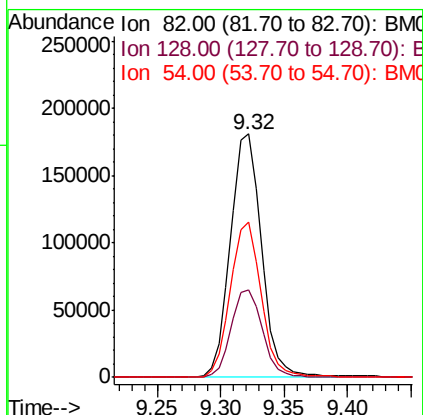
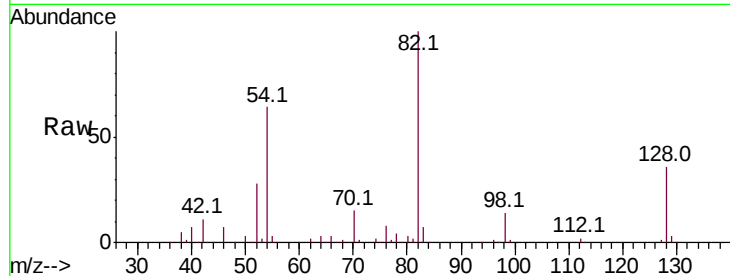




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016288.D
Acq: 09 Aug 2018 19:07

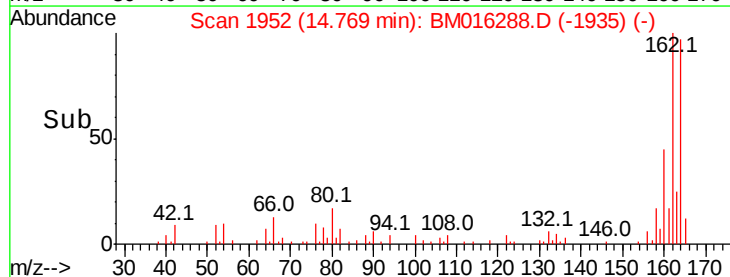
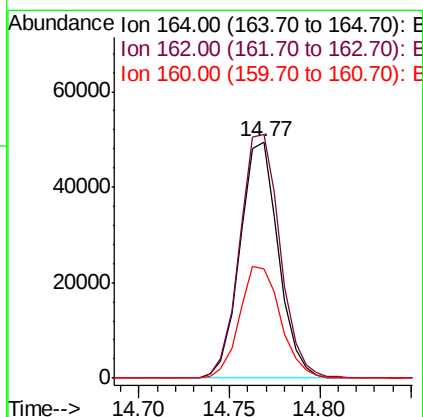
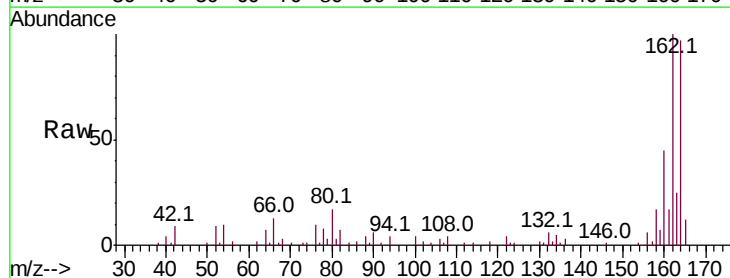
Instrument :
BNA_M
ClientSampleId :
FIELDBLANK

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	32.8	49.2
54	63.7	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016288.D
Acq: 09 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	46.2	35.8	53.6

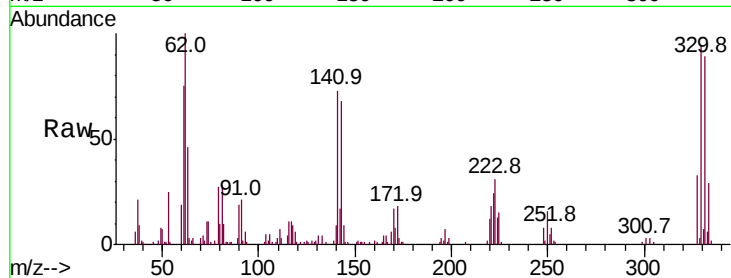




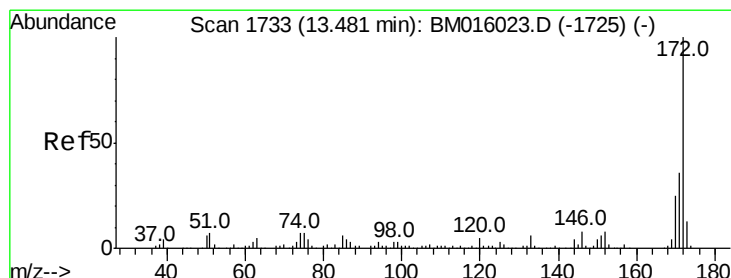
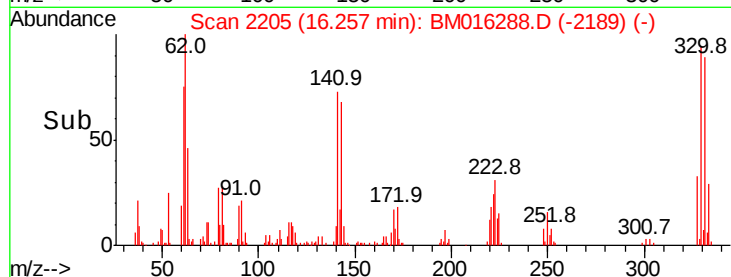
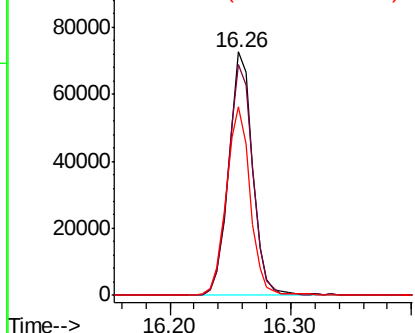
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016288.D
 Acq: 09 Aug 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	77.1	0.0	0.0#

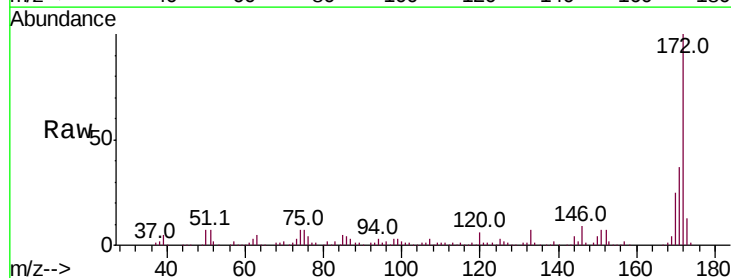


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

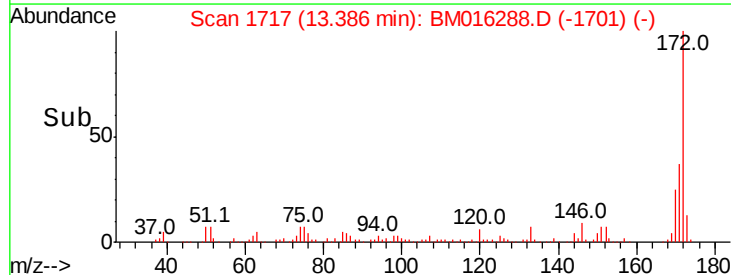
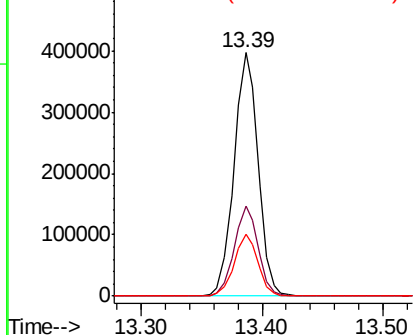


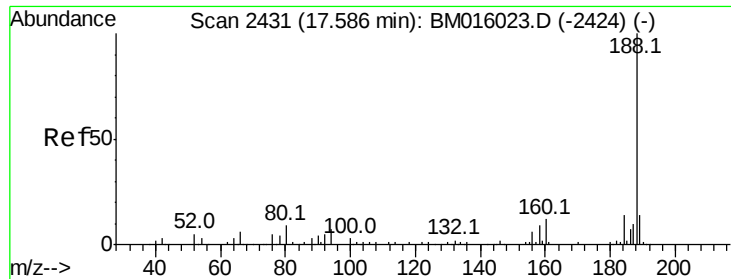
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016288.D
 Acq: 09 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	25.2	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

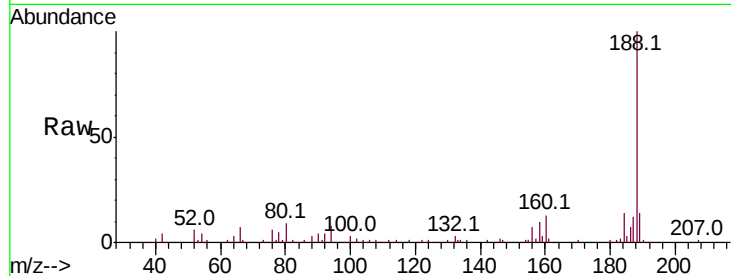




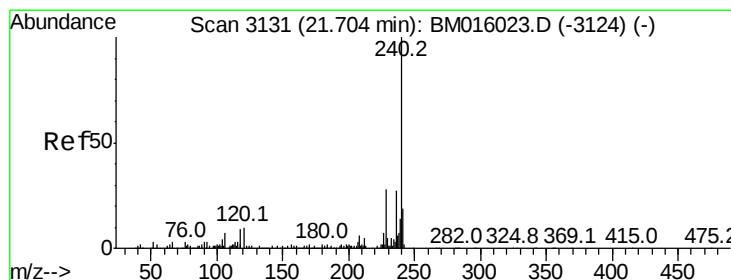
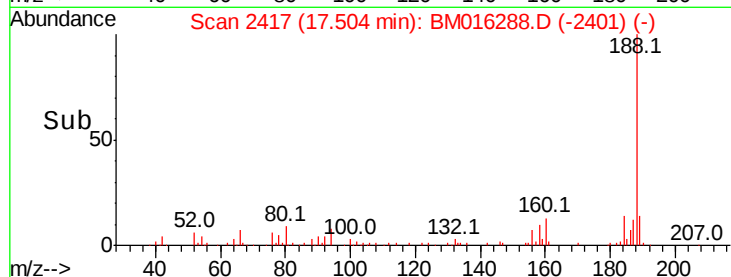
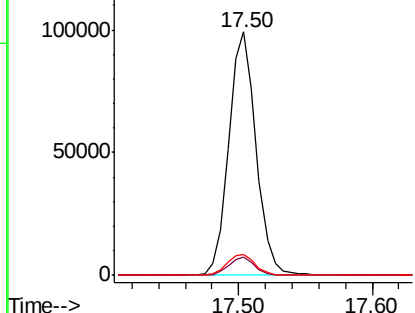
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016288.D
Acq: 09 Aug 2018 19:07

Instrument :
BNA_M
ClientSampleId :
FIELDBLANK

Tot Ion:188 Resp: 141474
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.6 9.3 13.9#

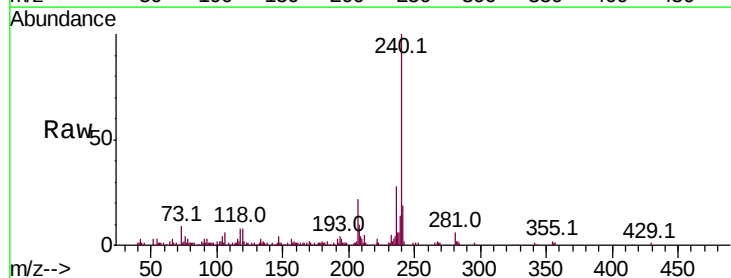


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

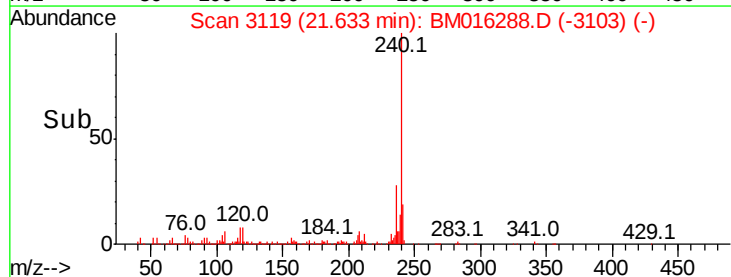
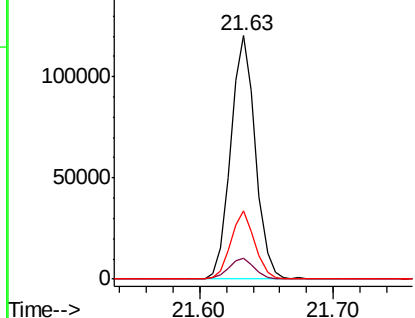


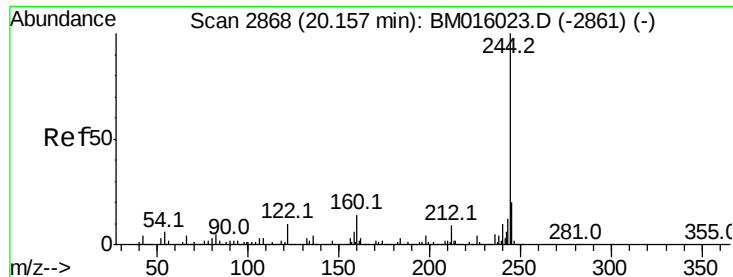
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016288.D
Acq: 09 Aug 2018 19:07

Tgt Ion:240 Resp: 155594
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.2
236 28.1 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: 20.08 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM016288.D

Acq: 09 Aug 2018 19:07

Instrument :

BNA_M

ClientSampleId :

FIELDBLANK

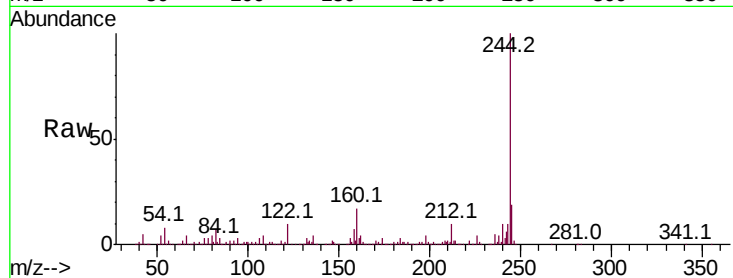
Tot Ion:244 Resp: 752535

Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

122 9.8 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

20.08

800000

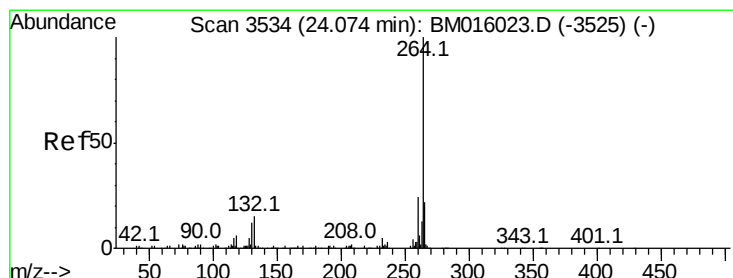
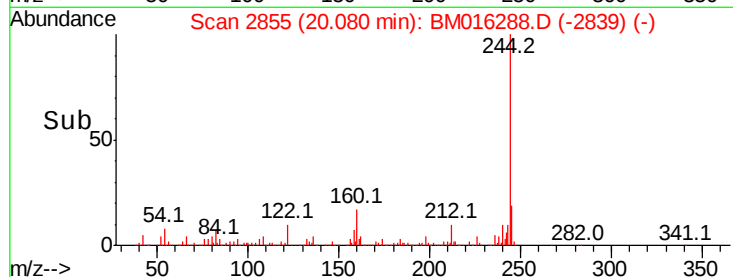
600000

400000

200000

0

Time--> 20.00 20.05 20.10 20.15



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016288.D

Acq: 09 Aug 2018 19:07

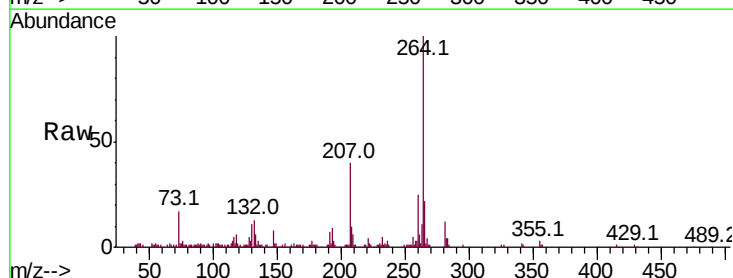
Tgt Ion:264 Resp: 178108

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 21.7 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

23.97

120000

100000

80000

60000

40000

20000

0

Time--> 23.90 24.00

