

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016263.D
 Acq On : 09 Aug 2018 01:02
 Operator : SJ/JU
 Sample : J4375-03 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OILY-DEBRIS-DRUM-B

Quant Time: Aug 09 05:26:58 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

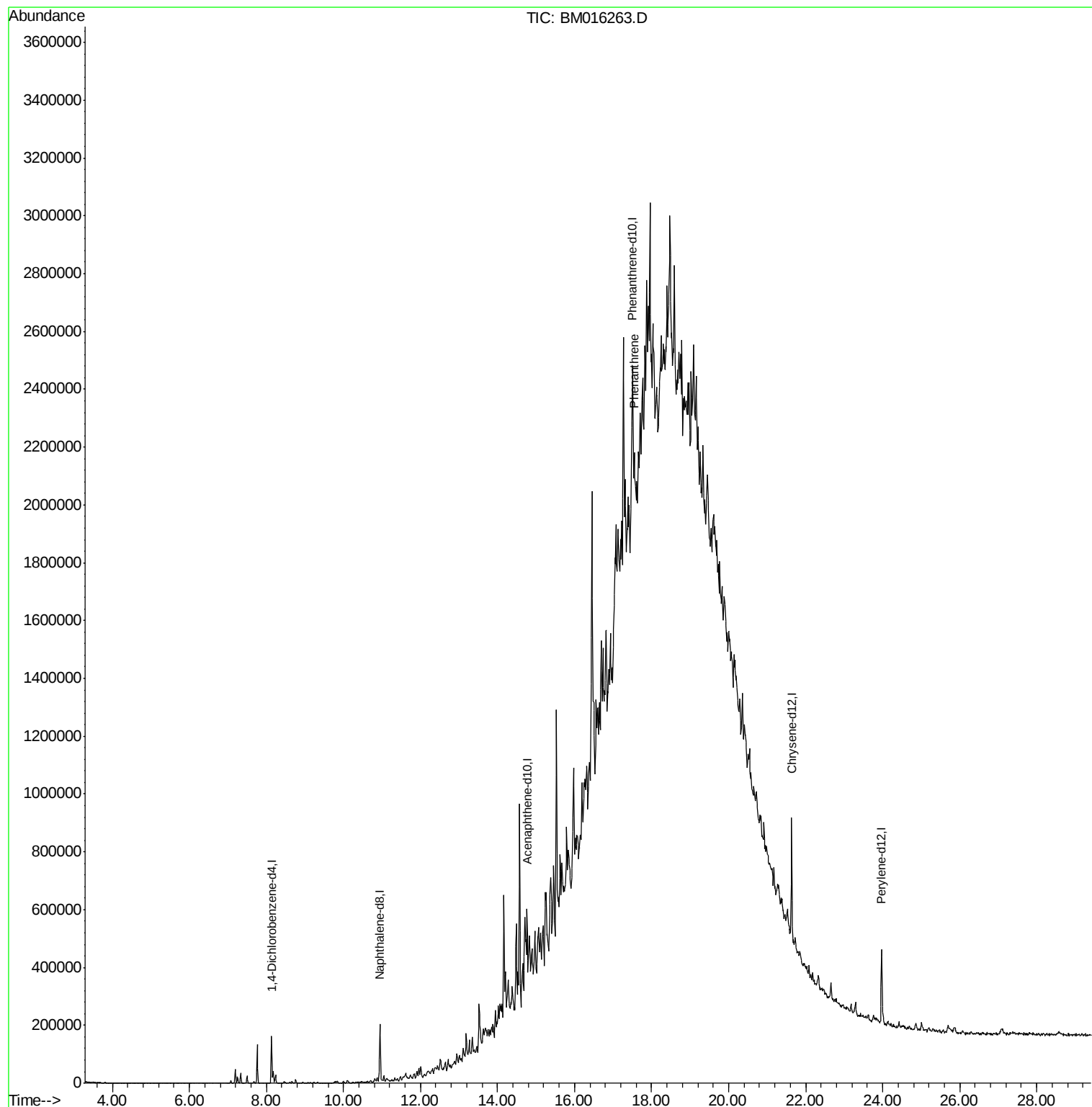
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	34262	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	127353	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	67661	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	165818	20.00	ng	0.00
75) Chrysene-d12	21.64	240	154776	20.00	ng	0.00
86) Perylene-d12	23.97	264	163457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	1240	0.60	ng	0.03
7) Phenol-d6	7.33	99	2309	0.86	ng	0.02
23) Nitrobenzene-d5	9.35	82	1759	0.64	ng	0.03
41) 2,4,6-Tribromophenol	16.26	330	825	0.96	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	6030	1.08	ng	0.00
78) Terphenyl-d14	20.09	244	10305	1.39	ng	0.00
Target Compounds						
70) Phenanthrene	17.55	178	27596	2.973	ng	Qvalue # 57

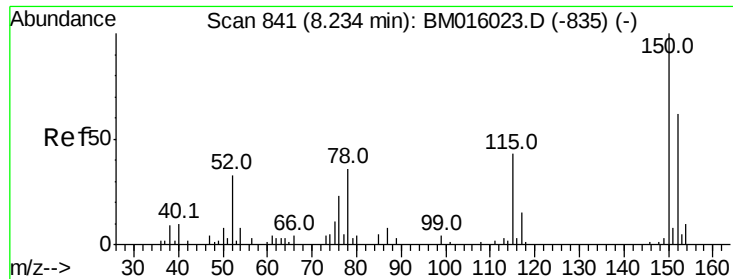
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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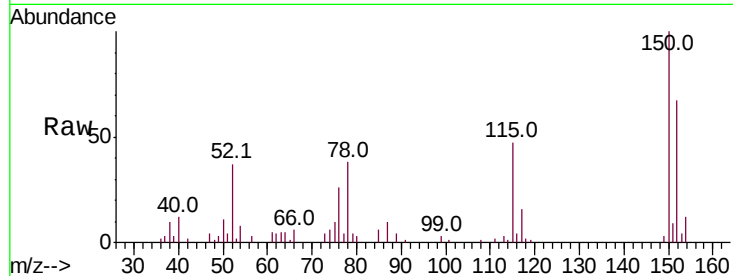


#1

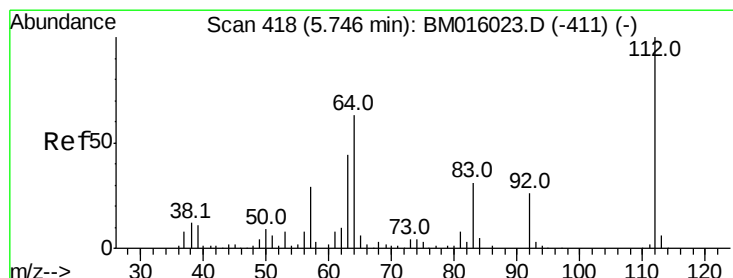
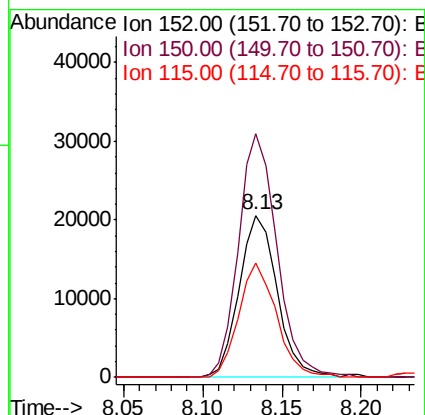
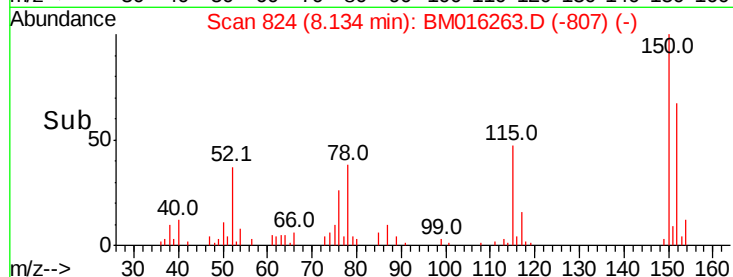
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016263.D
Acq: 09 Aug 2018 01:02

Instrument :
BNA_M
ClientSampleId :
OILY-DEBRIS-DRUM-B

Tot Ion:152 Resp: 34262
Ion Ratio Lower Upper
152 100
150 150.0 119.5 179.3
115 70.2 43.0 64.4#



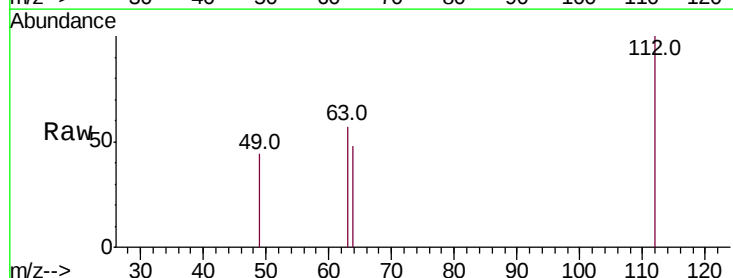
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



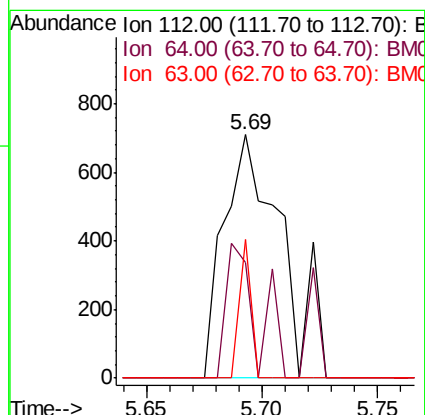
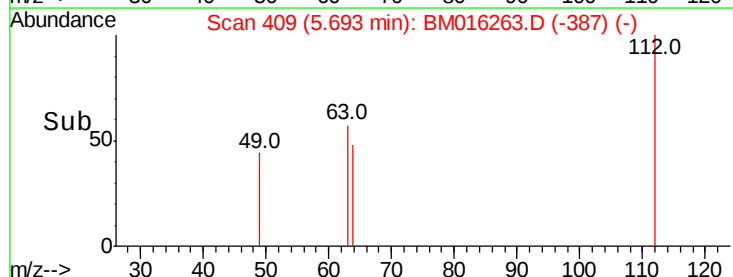
#5

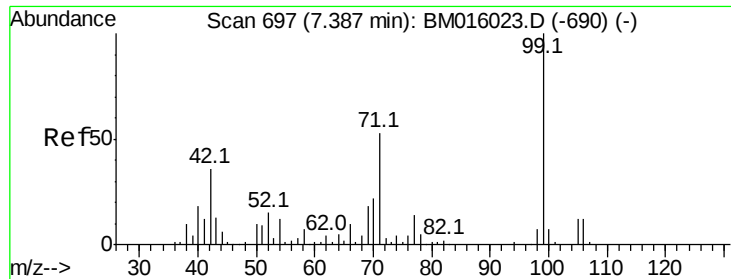
2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. 0.03 min
Lab File: BM016263.D
Acq: 09 Aug 2018 01:02

Tgt Ion:112 Resp: 1240
Ion Ratio Lower Upper
112 100
64 47.6 38.6 57.8
63 56.8 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: 7.33 min Scan# 687

Delta R.T. 0.02 min

Lab File: BM016263.D

Acq: 09 Aug 2018 01:02

Instrument :

BNA_M

ClientSampleId :

OILY-DEBRIS-DRUM-B

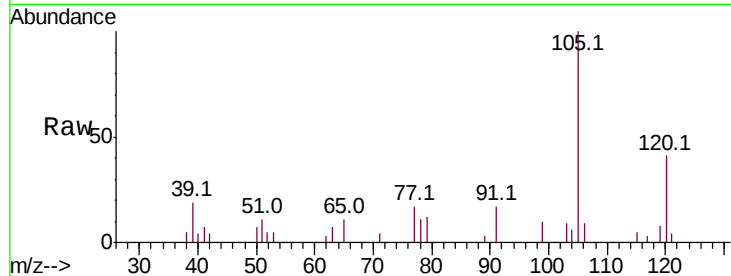
Tot Ion: 99 Resp: 2309

Ion Ratio Lower Upper

99 100

42 37.8 11.0 16.4#

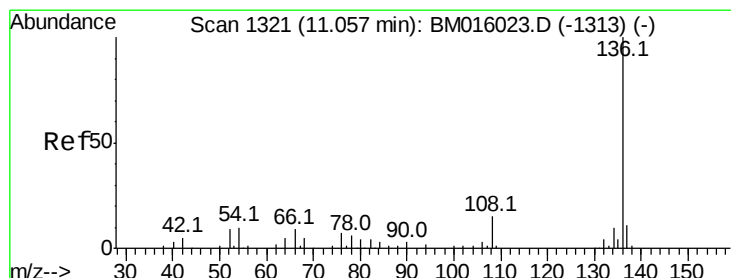
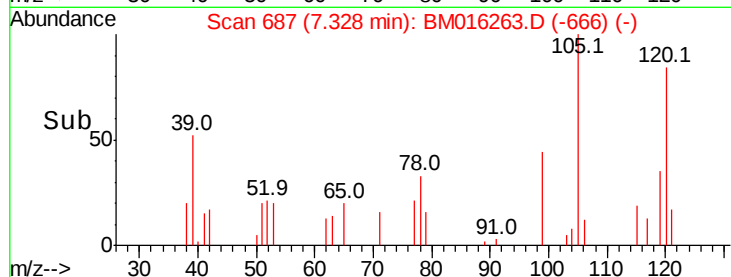
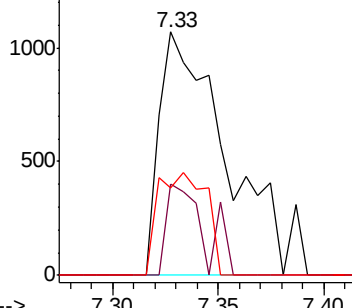
71 35.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016263.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016263.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016263.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016263.D

Acq: 09 Aug 2018 01:02

Tgt Ion: 136 Resp: 127353

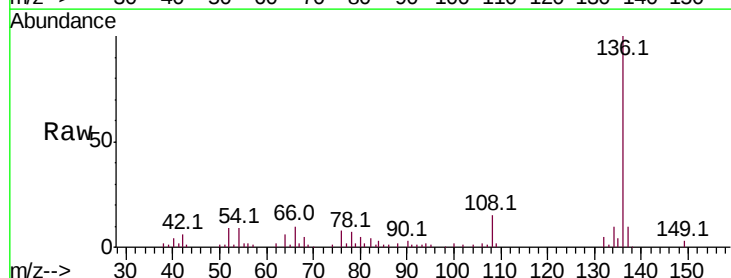
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.4 4.6 6.8#

68 4.8 3.7 5.5

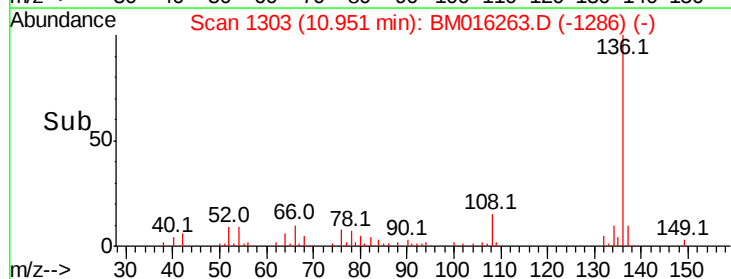
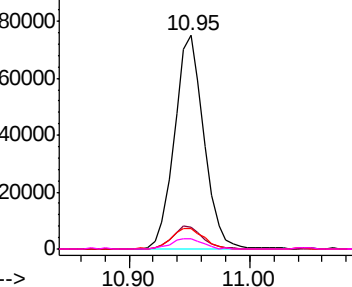


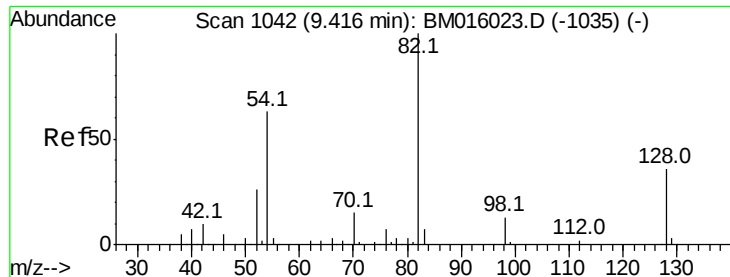
Abundance Ion 136.00 (135.70 to 136.70): BM016263.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016263.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016263.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016263.D (-1313) (-)

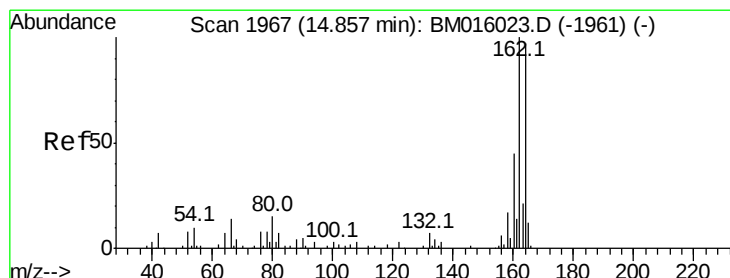
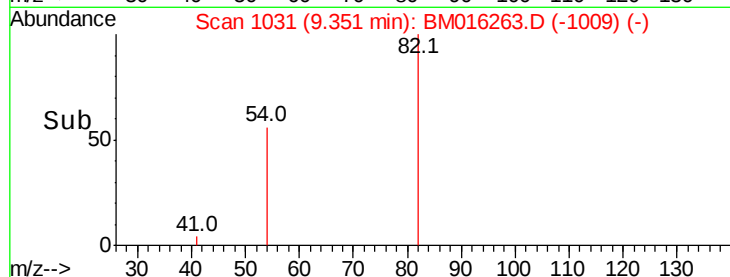
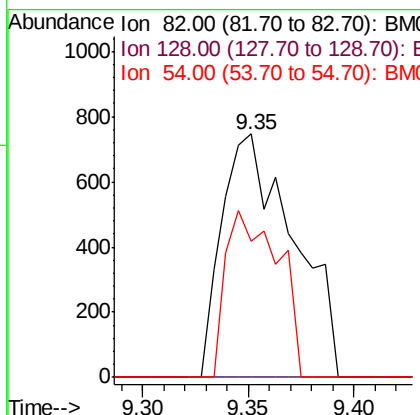
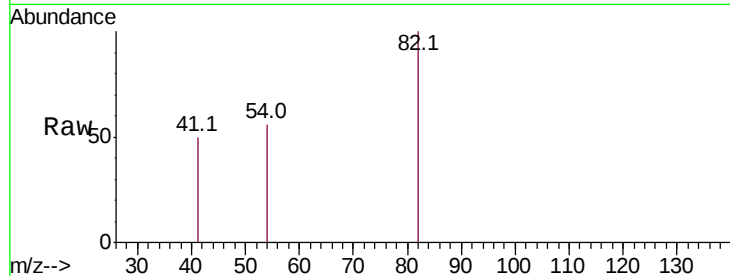




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.35 min Scan# 1031
 Delta R.T. 0.03 min
 Lab File: BM016263.D
 Acq: 09 Aug 2018 01:02

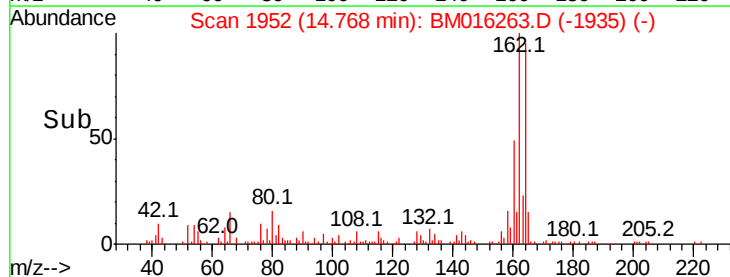
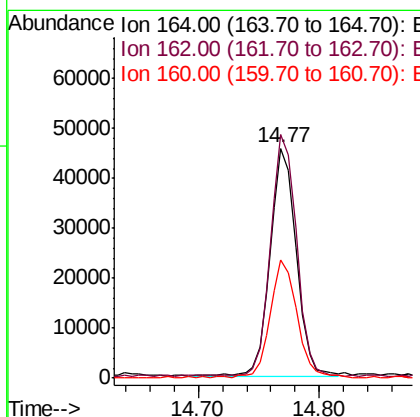
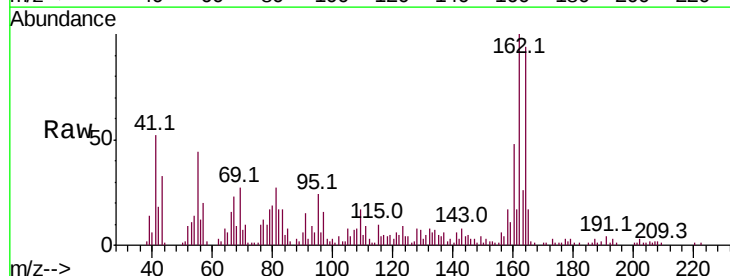
Instrument :
 BNA_M
 ClientSampleId :
 OILY-DEBRIS-DRUM-B

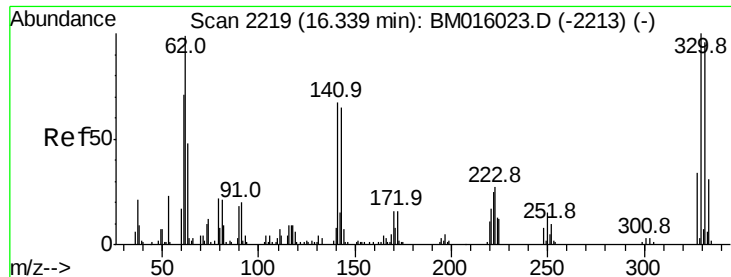
Tot Ion: 82 Resp: 1759
 Ion Ratio Lower Upper
 82 100
 128 0.0 32.8 49.2#
 54 56.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BM016263.D
 Acq: 09 Aug 2018 01:02

Tgt Ion: 164 Resp: 67661
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.4 123.6
 160 51.2 35.8 53.6

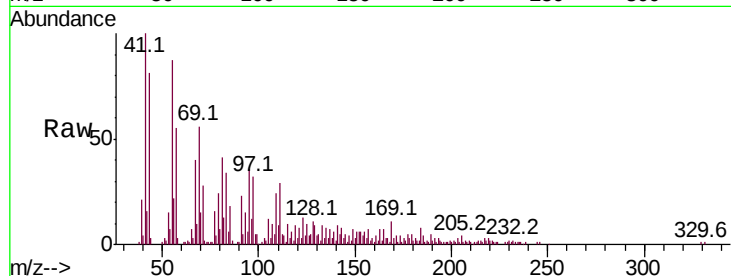




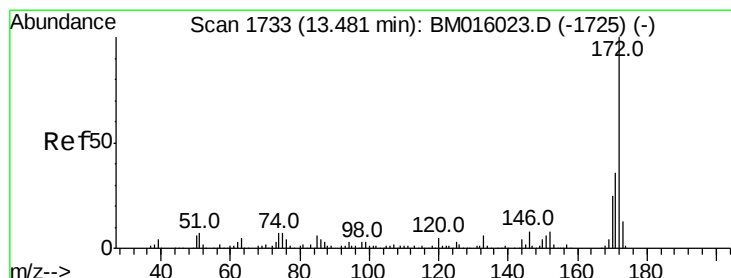
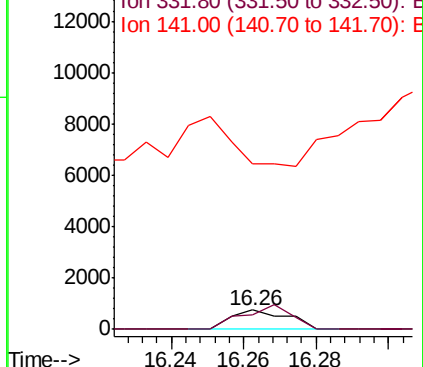
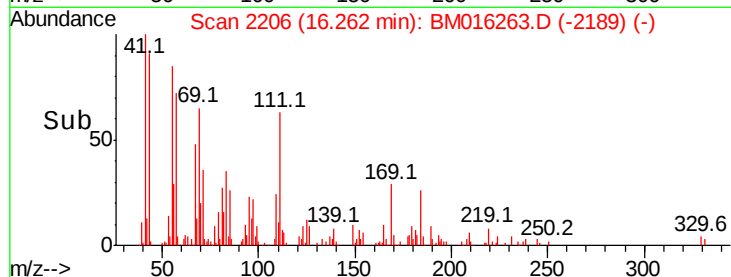
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016263.D
 Acq: 09 Aug 2018 01:02

Instrument :
 BNA_M
 ClientSampleId :
 OILY-DEBRIS-DRUM-B

Tot Ion:330 Resp: 825
 Ion Ratio Lower Upper
 330 100
 332 106.7 0.0 0.0#
 141 741.3 0.0 0.0#

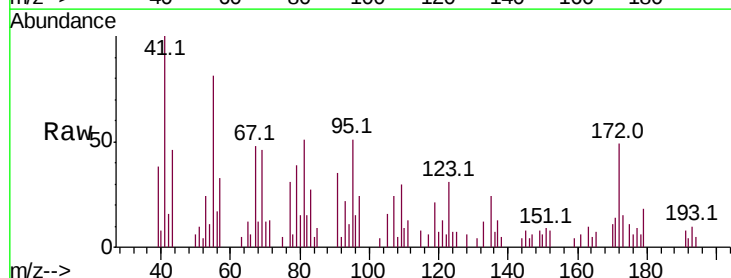


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

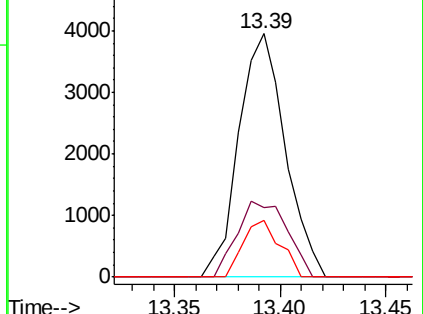
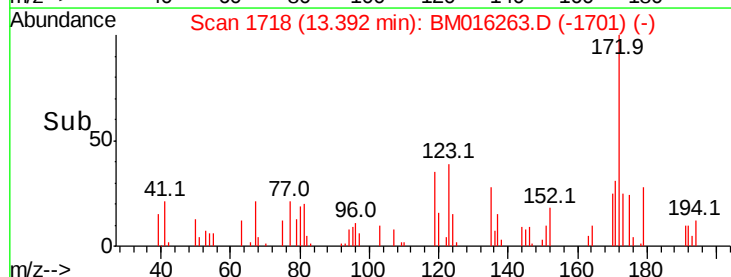


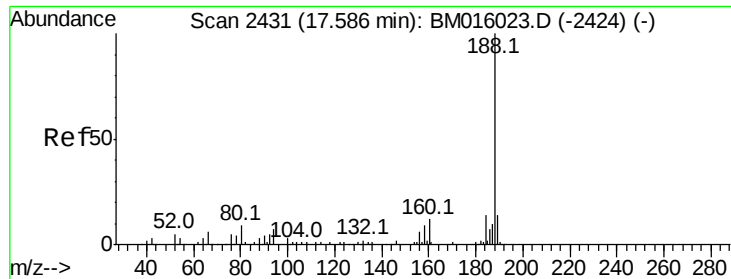
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016263.D
 Acq: 09 Aug 2018 01:02

Tgt Ion:172 Resp: 6030
 Ion Ratio Lower Upper
 172 100
 171 28.4 28.5 42.7#
 170 23.3 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

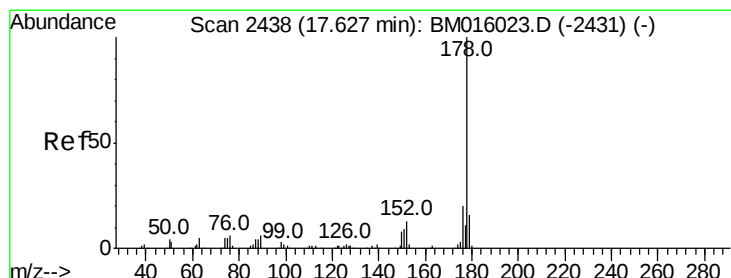
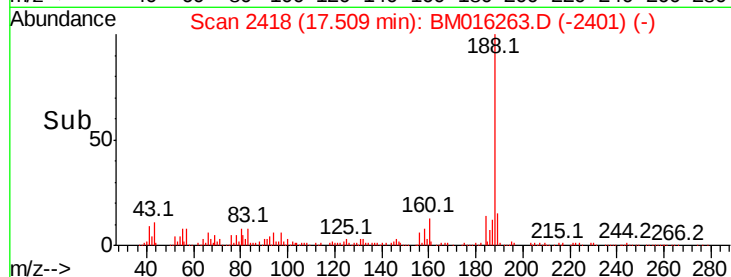
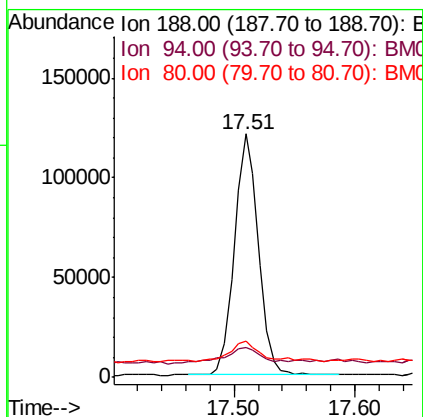
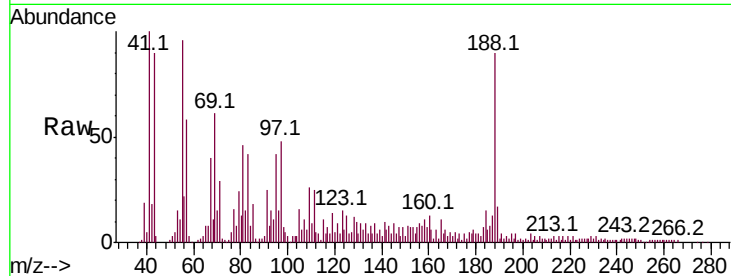




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016263.D
Acq: 09 Aug 2018 01:02

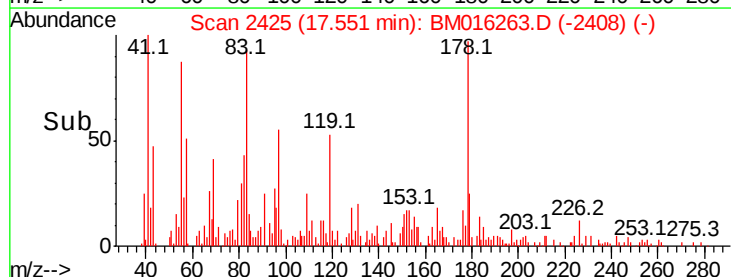
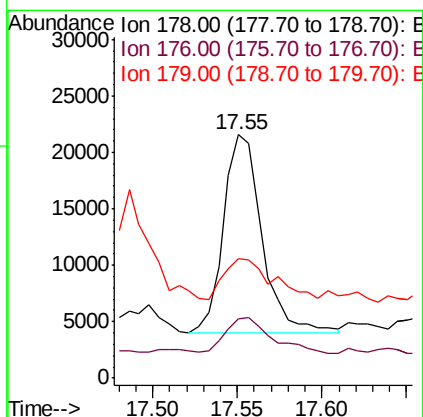
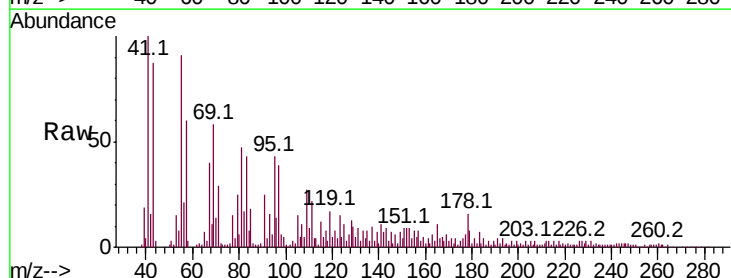
Instrument :
BNA_M
ClientSampleId :
OILY-DEBRIS-DRUM-B

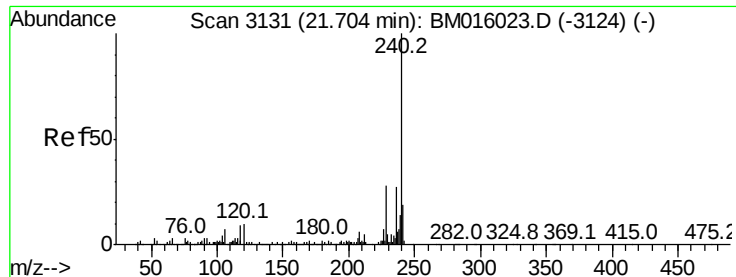
Tot Ion:188 Resp: 165818
Ion Ratio Lower Upper
188 100
94 12.5 8.7 13.1
80 14.9 9.3 13.9#



#70
Phenanthrene
Concen: 2.973 ng
RT: 17.55 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM016263.D
Acq: 09 Aug 2018 01:02

Tgt Ion:178 Resp: 27596
Ion Ratio Lower Upper
178 100
176 24.2 15.2 22.8#
179 49.2 12.1 18.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM016263.D

Acq: 09 Aug 2018 01:02

Instrument :

BNA_M

ClientSampleId :

OILY-DEBRIS-DRUM-B

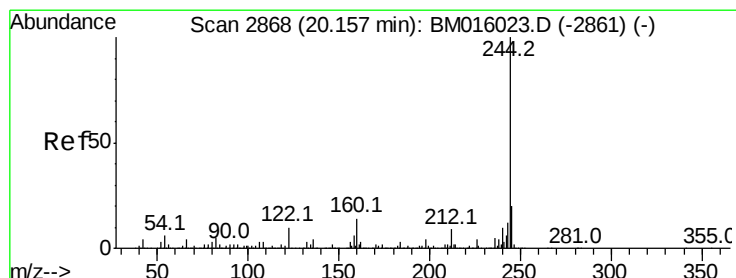
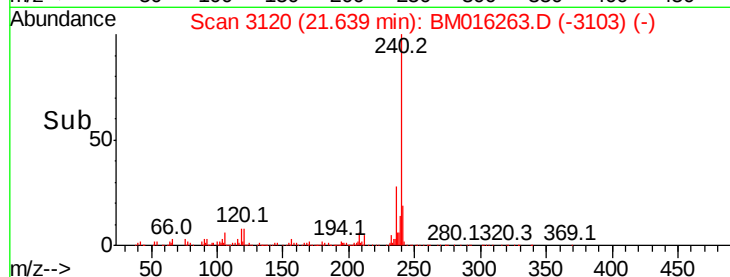
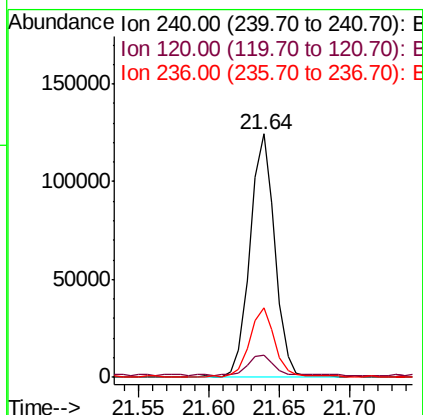
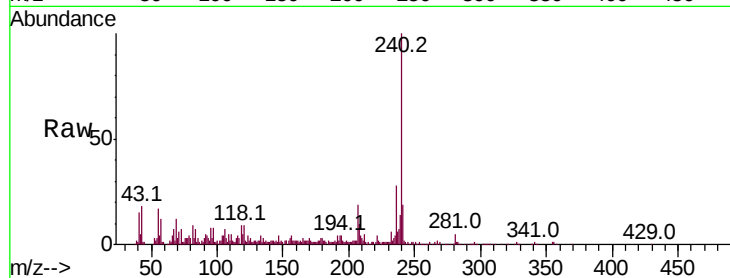
Tot Ion:240 Resp: 154776

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

236 28.3 20.0 30.0



#78

Terphenyl-d14

Concen: Below ng

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016263.D

Acq: 09 Aug 2018 01:02

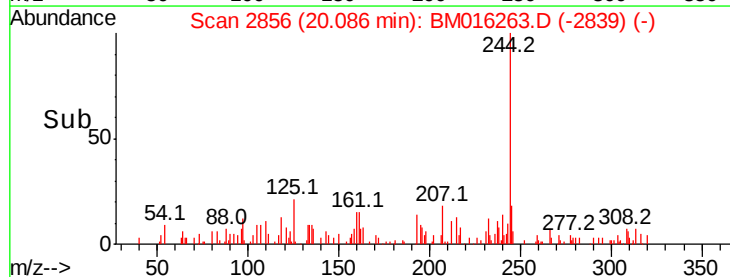
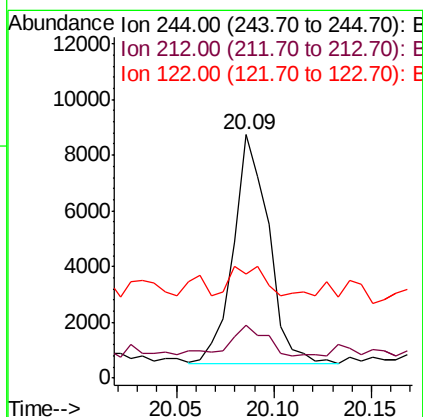
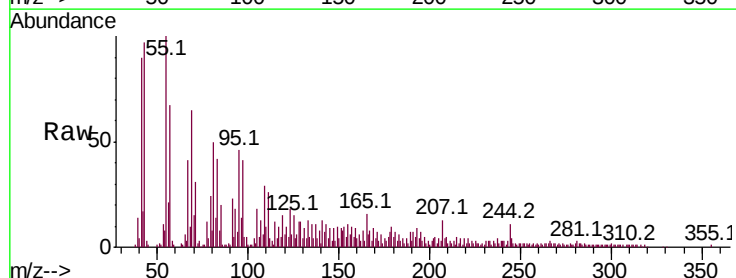
Tgt Ion:244 Resp: 10305

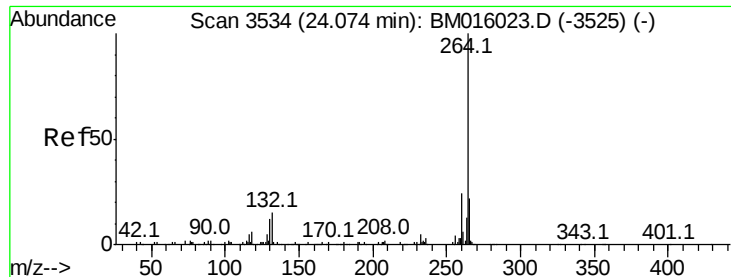
Ion Ratio Lower Upper

244 100

212 21.5 4.9 7.3#

122 42.8 6.2 9.4#

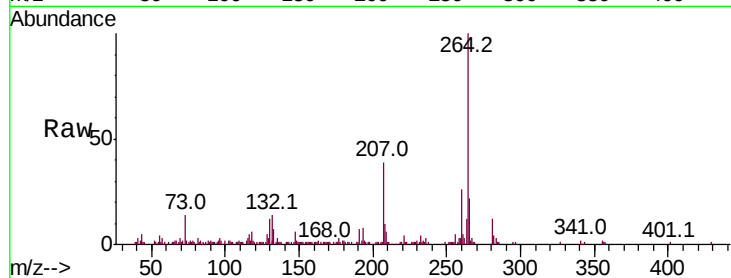




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016263.D
Acq: 09 Aug 2018 01:02

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.6	27.8
265	21.9	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

