

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016264.D
 Acq On : 09 Aug 2018 01:38
 Operator : SJ/JU
 Sample : J4375-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 09 05:28:41 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

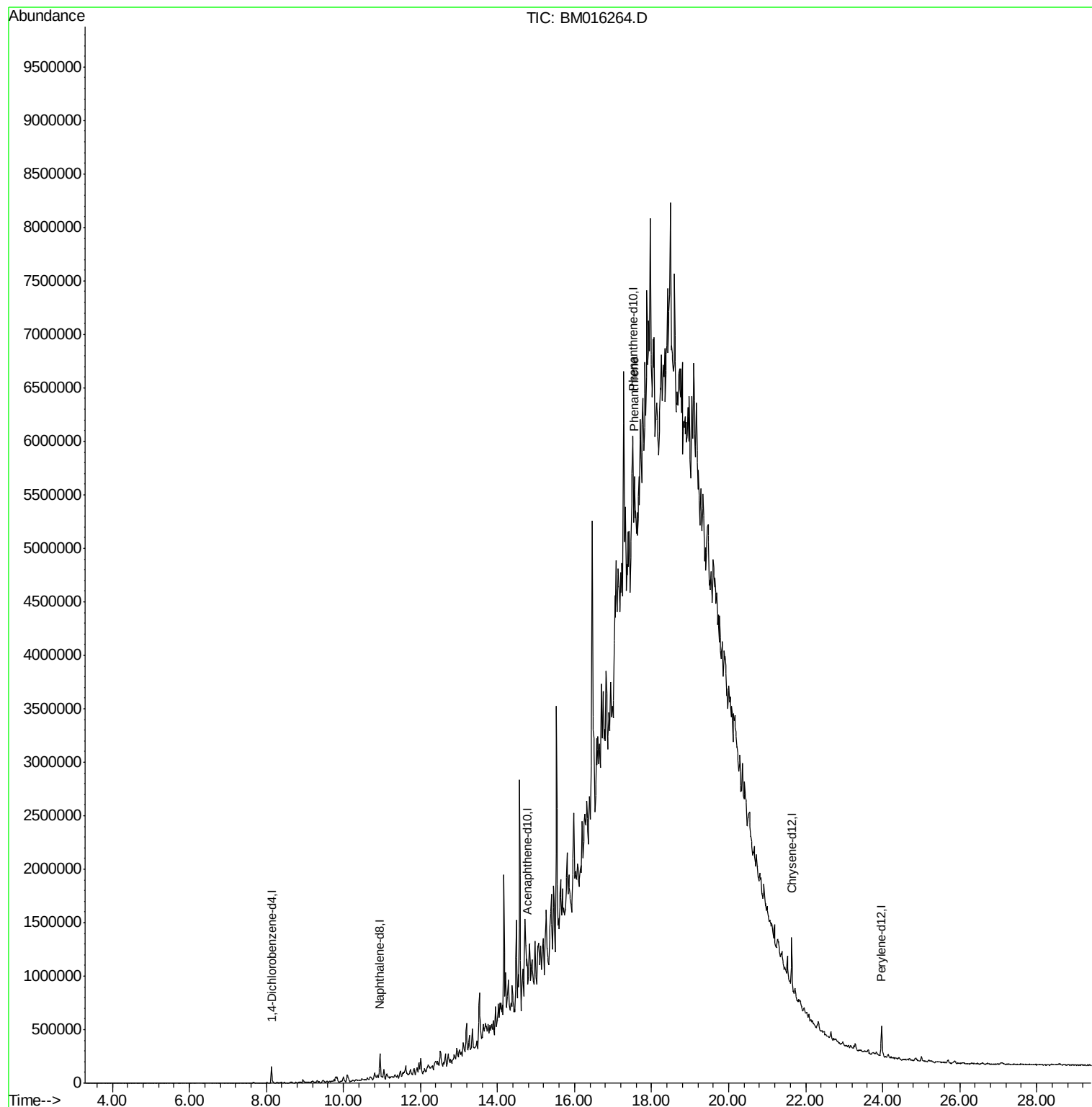
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	32852	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	127525	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	75144	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	236340	20.00	ng	0.00
75) Chrysene-d12	21.64	240	172927	20.00	ng	0.00
86) Perylene-d12	23.97	264	175365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	1150	0.58	ng	0.03
7) Phenol-d6	7.35	99	1198	0.46	ng	0.04
23) Nitrobenzene-d5	9.29	82	111	0.04	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	1413	1.48	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	6008	0.97	ng	0.00
78) Terphenyl-d14	20.09	244	14941	1.81	ng	0.00
Target Compounds						
70) Phenanthrene	17.56	178	78379	5.924	ng	Qvalue # 57

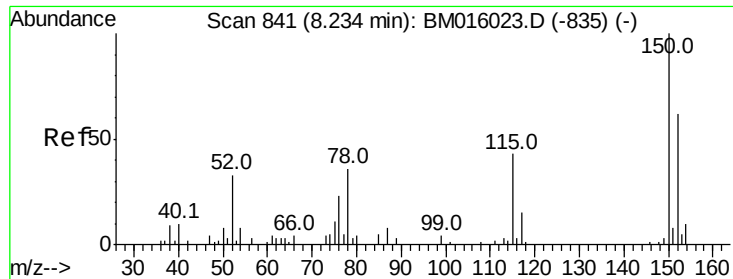
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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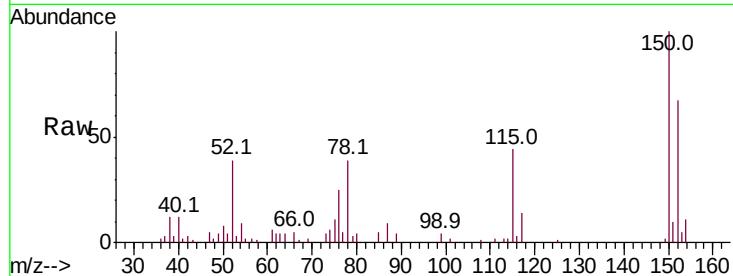


#1

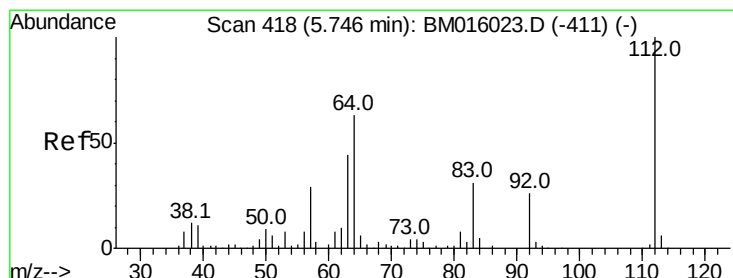
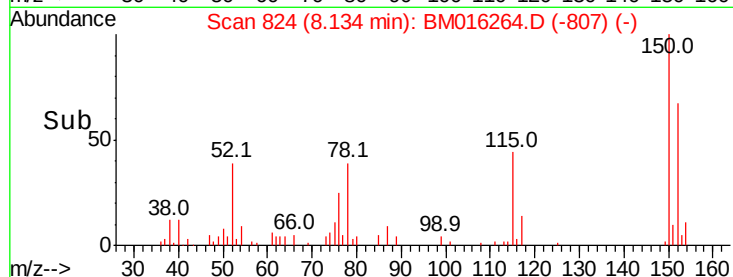
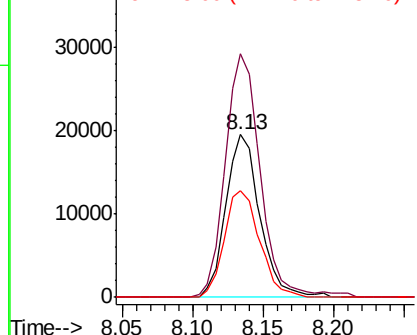
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

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

Tot Ion:152 Resp: 32852
Ion Ratio Lower Upper
152 100
150 149.6 119.5 179.3
115 65.9 43.0 64.4#



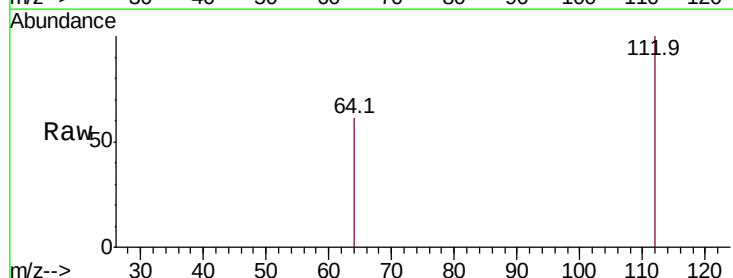
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



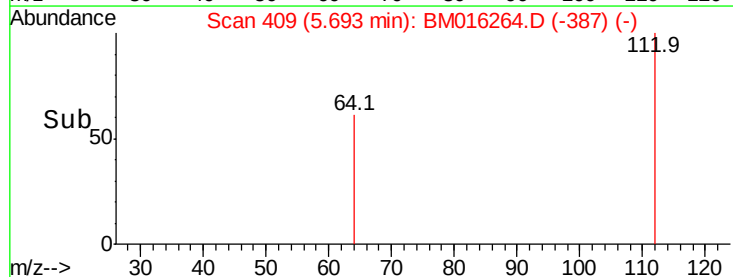
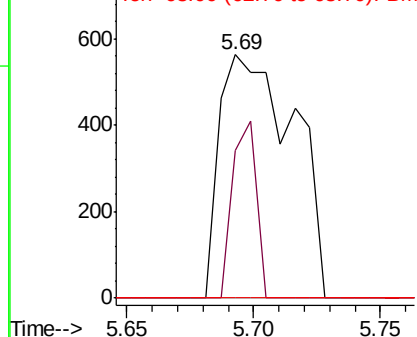
#5

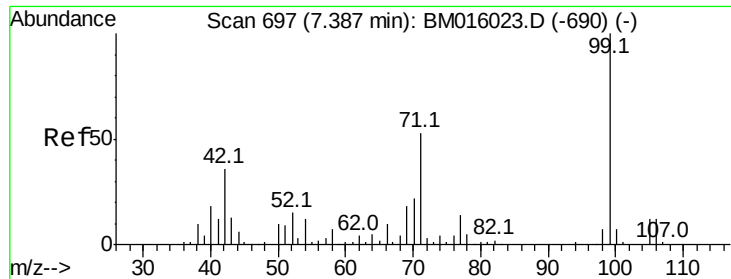
2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. 0.03 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

Tgt Ion:112 Resp: 1150
Ion Ratio Lower Upper
112 100
64 60.6 38.6 57.8#
63 0.0 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: 7.35 min Scan# 690

Delta R.T. 0.04 min

Lab File: BM016264.D

Acq: 09 Aug 2018 01:38

Instrument :

BNA_M

ClientSampleId :

OILY-DEBRIS-DRUM-A

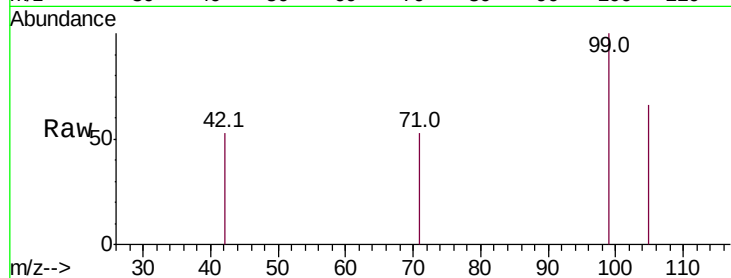
Tot Ion: 99 Resp: 1198

Ion Ratio Lower Upper

99 100

42 52.9 11.0 16.4#

71 52.8 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) (-)

7.35

600

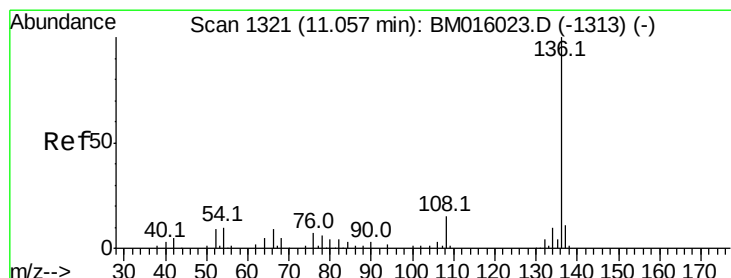
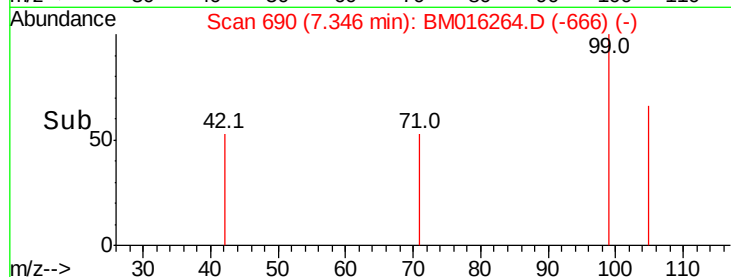
400

200

0

7.30 7.32 7.34 7.36 7.38

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016264.D

Acq: 09 Aug 2018 01:38

Tgt Ion: 136 Resp: 127525

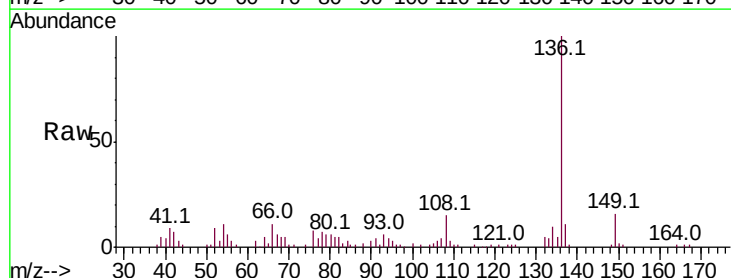
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 11.4 4.6 6.8#

68 5.5 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) (-)

10.95

80000

60000

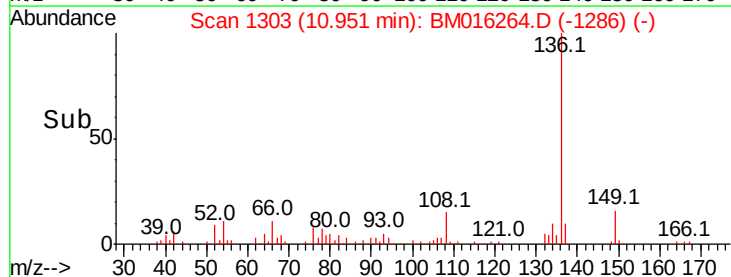
40000

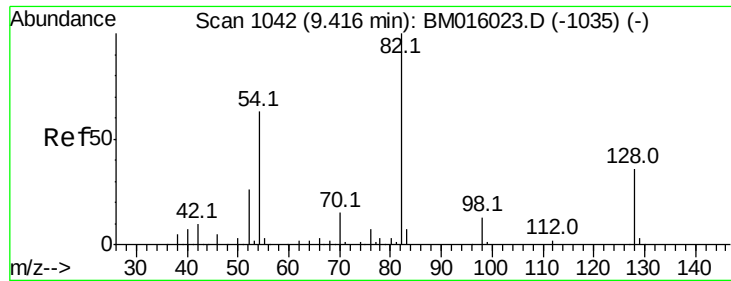
20000

0

10.90 11.00

Time-->

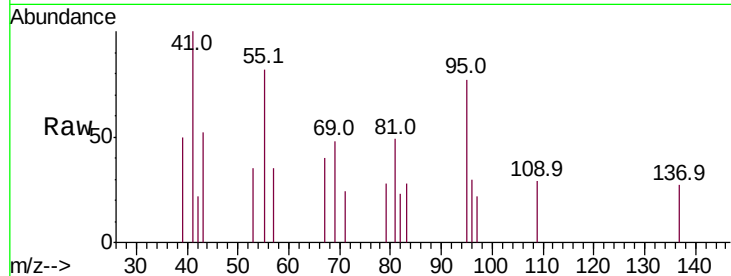




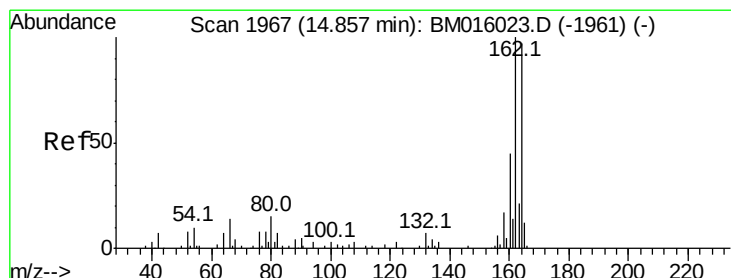
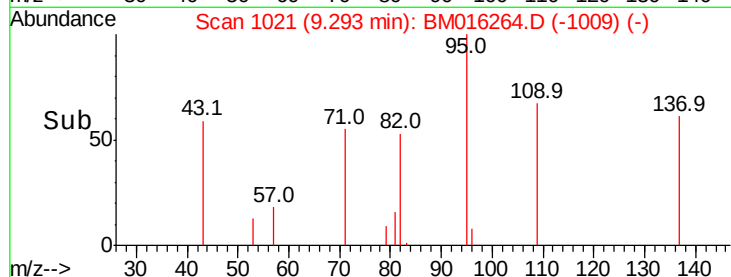
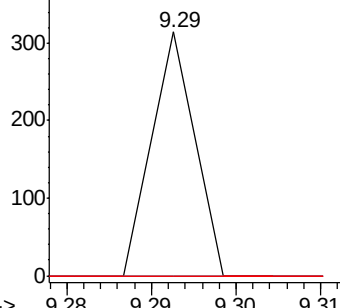
#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BM016264.D
 Acq: 09 Aug 2018 01:38

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

Tot Ion: 82 Resp: 111
 Ion Ratio Lower Upper
 82 100
 128 0.0 32.8 49.2#
 54 0.0 40.6 60.8#

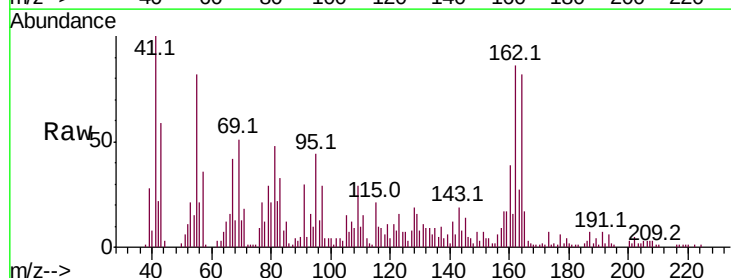


Abundance Ion 82.00 (81.70 to 82.70): BM016023.D (-1035) (-)
 Ion 128.00 (127.70 to 128.70): BM016023.D (-1035) (-)
 Ion 54.00 (53.70 to 54.70): BM016023.D (-1035) (-)

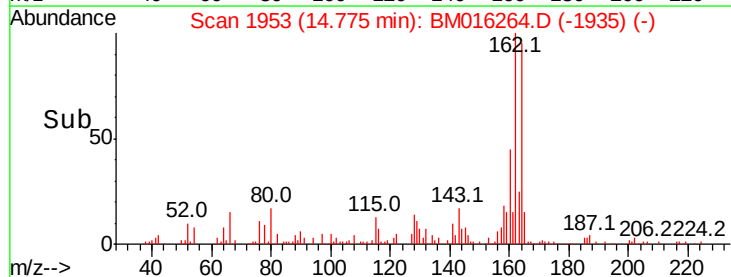
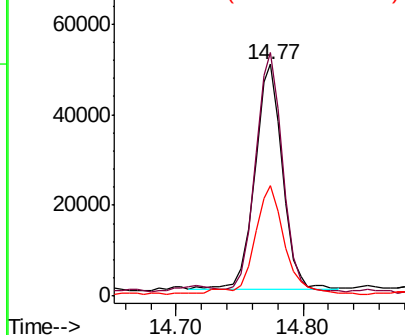


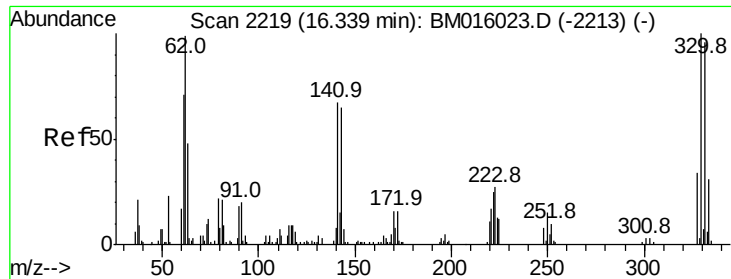
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: BM016264.D
 Acq: 09 Aug 2018 01:38

Tgt Ion:164 Resp: 75144
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.4 123.6
 160 47.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016023.D (-1961) (-)
 Ion 162.00 (161.70 to 162.70): BM016023.D (-1961) (-)
 Ion 160.00 (159.70 to 160.70): BM016023.D (-1961) (-)

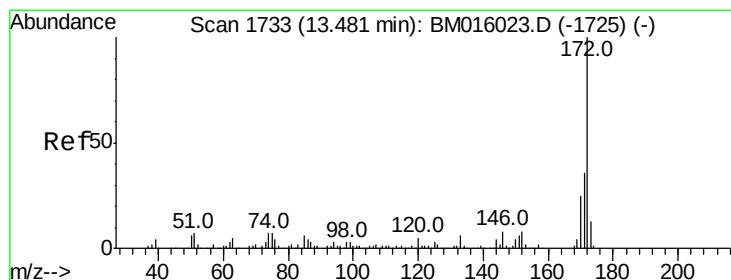
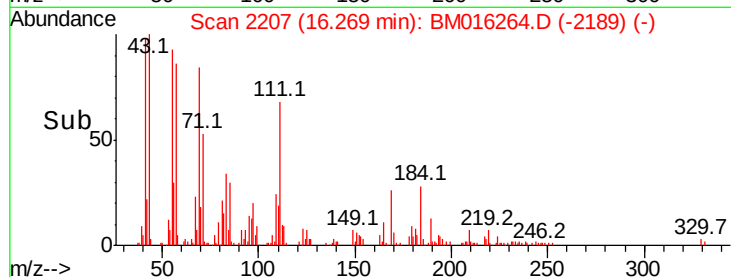
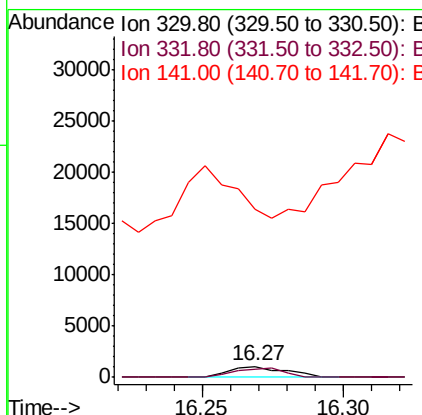
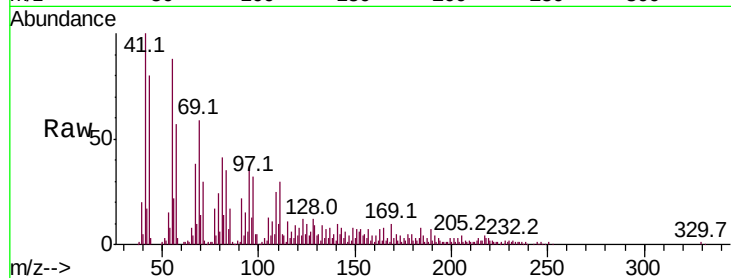




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.27 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BM016264.D
 Acq: 09 Aug 2018 01:38

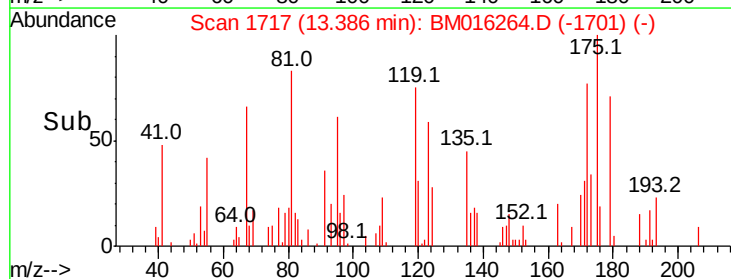
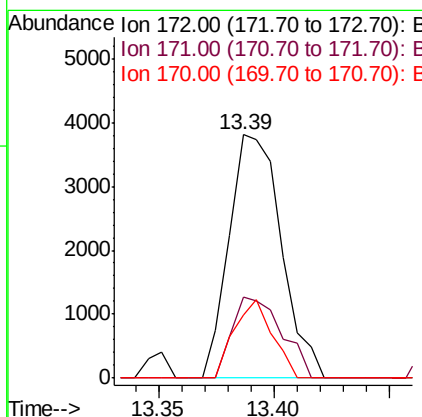
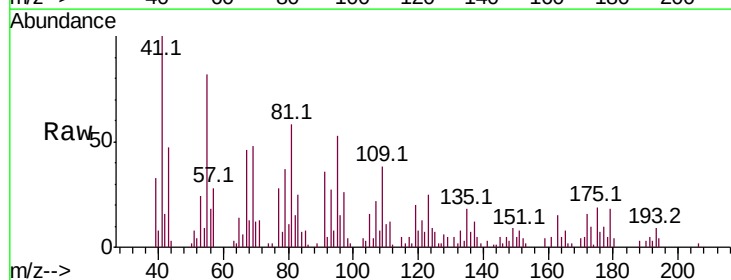
Instrument :
 BNA_M
 ClientSampleId :
 OILY-DEBRIS-DRUM-A

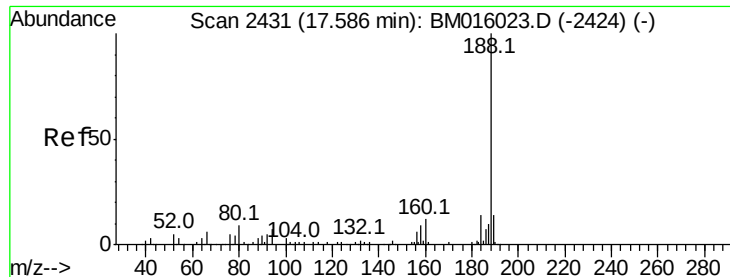
Tot Ion:330 Resp: 1413
 Ion Ratio Lower Upper
 330 100
 332 81.4 0.0 0.0#
 141 0.0 0.0 0.0



#44
 2-Fluorobiphenyl
 Concen: Below ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016264.D
 Acq: 09 Aug 2018 01:38

Tgt Ion:172 Resp: 6008
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.5 42.7
 170 25.8 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2419

Delta R.T. 0.01 min

Lab File: BM016264.D

Acq: 09 Aug 2018 01:38

Instrument :

BNA_M

ClientSampleId :

OILY-DEBRIS-DRUM-A

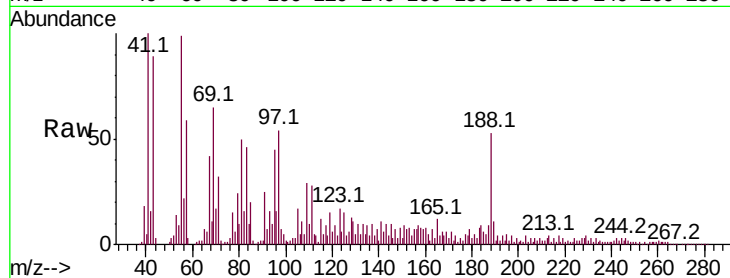
Tot Ion:188 Resp: 236340

Ion Ratio Lower Upper

188 100

94 18.7 8.7 13.1#

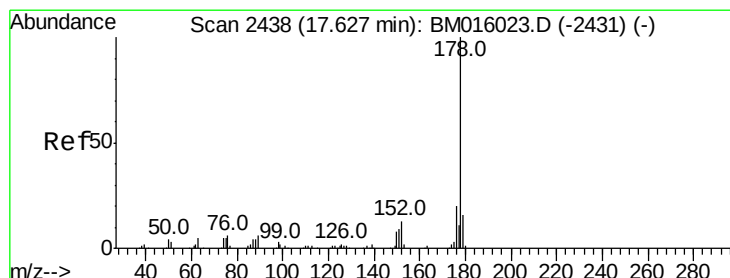
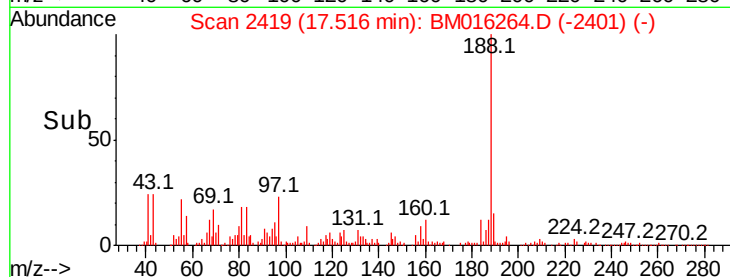
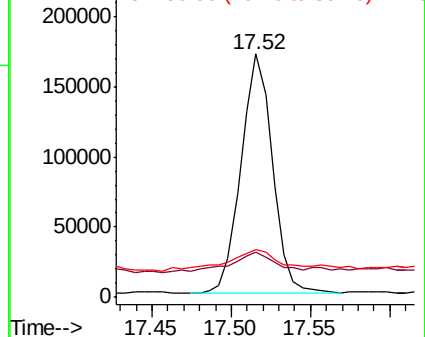
80 19.9 9.3 13.9#



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



#70

Phenanthrene

Concen: 5.924 ng

RT: 17.56 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BM016264.D

Acq: 09 Aug 2018 01:38

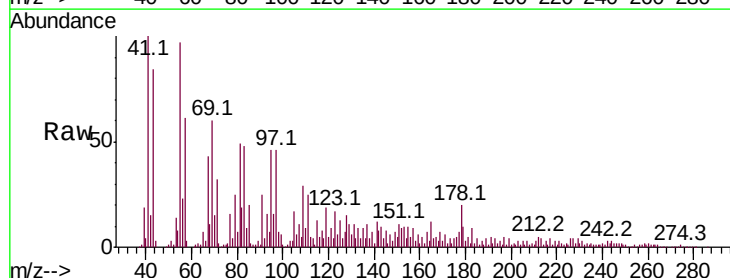
Tgt Ion:178 Resp: 78379

Ion Ratio Lower Upper

178 100

176 25.4 15.2 22.8#

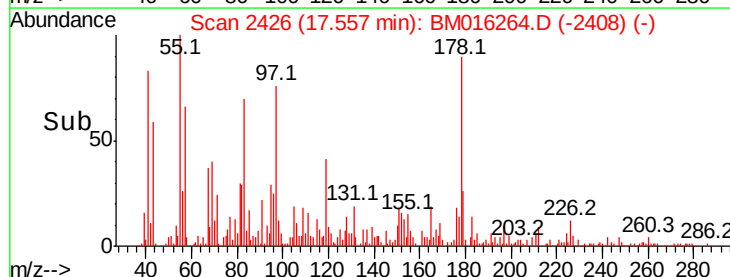
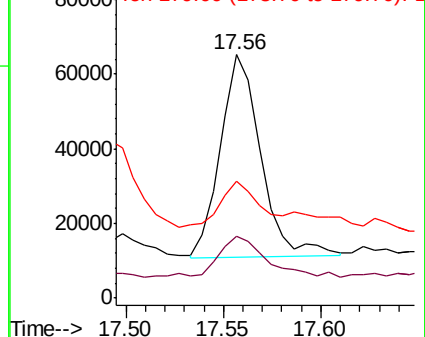
179 47.9 12.1 18.1#

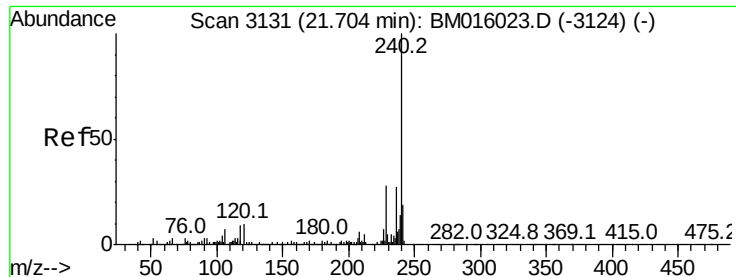


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM016264.D

Acq: 09 Aug 2018 01:38

Instrument :

BNA_M

ClientSampleId :

OILY-DEBRIS-DRUM-A

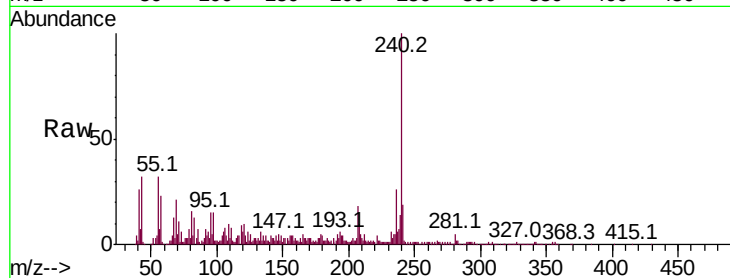
Tot Ion:240 Resp: 172927

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

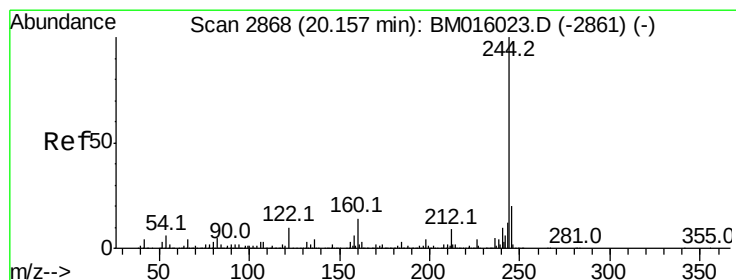
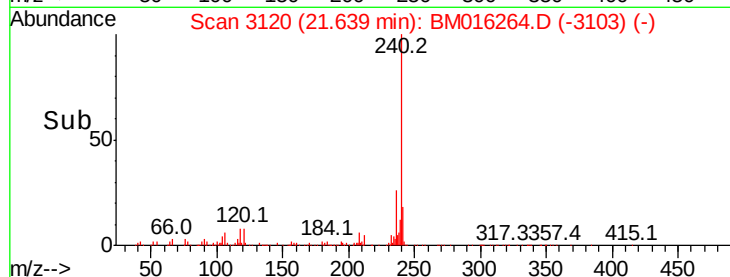
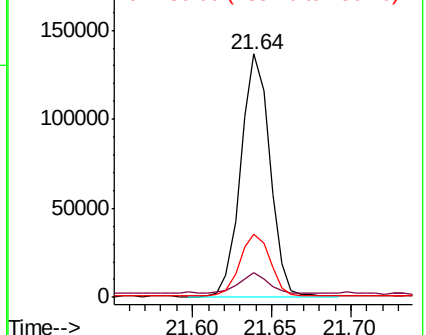
236 26.2 20.0 30.0



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 ng

RT: 20.09 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BM016264.D

Acq: 09 Aug 2018 01:38

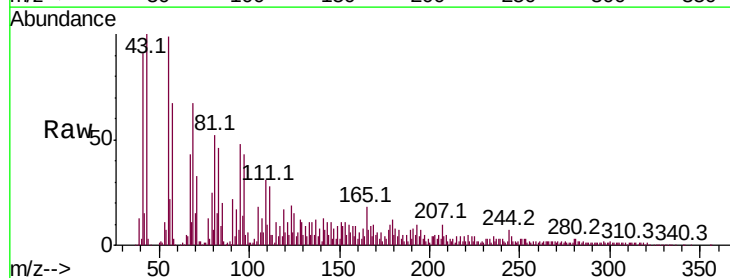
Tgt Ion:244 Resp: 14941

Ion Ratio Lower Upper

244 100

212 22.3 4.9 7.3#

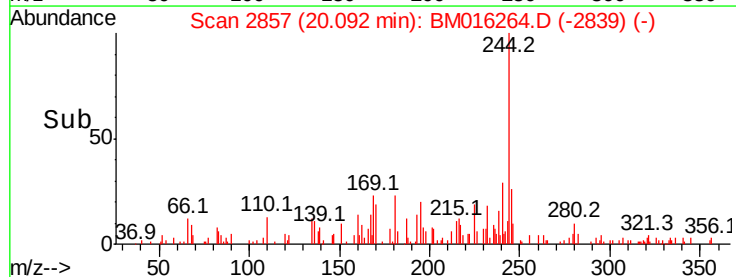
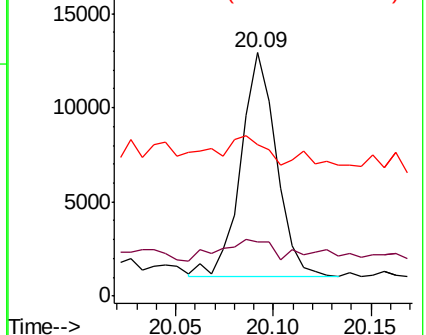
122 62.2 6.2 9.4#

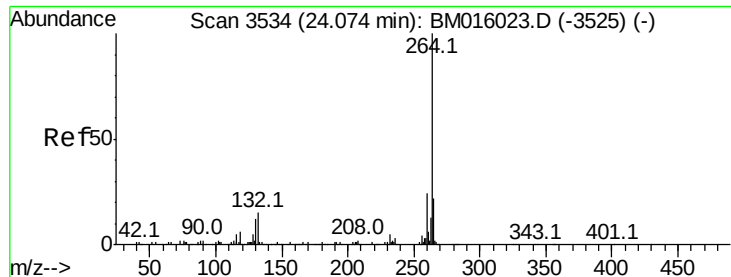


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

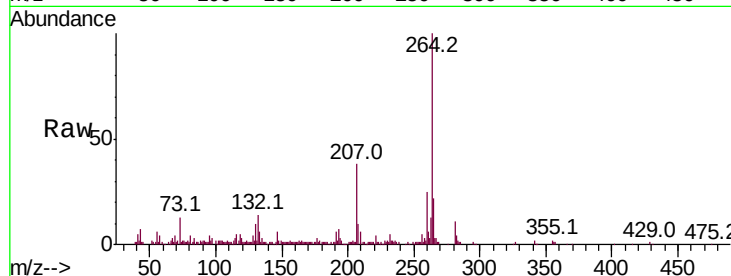




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016264.D
Acq: 09 Aug 2018 01:38

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	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

