

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018317.D
 Acq On : 20 Dec 2018 03:38
 Operator : JU/SJ
 Sample : J6461-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

Quant Time: Dec 20 05:47:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

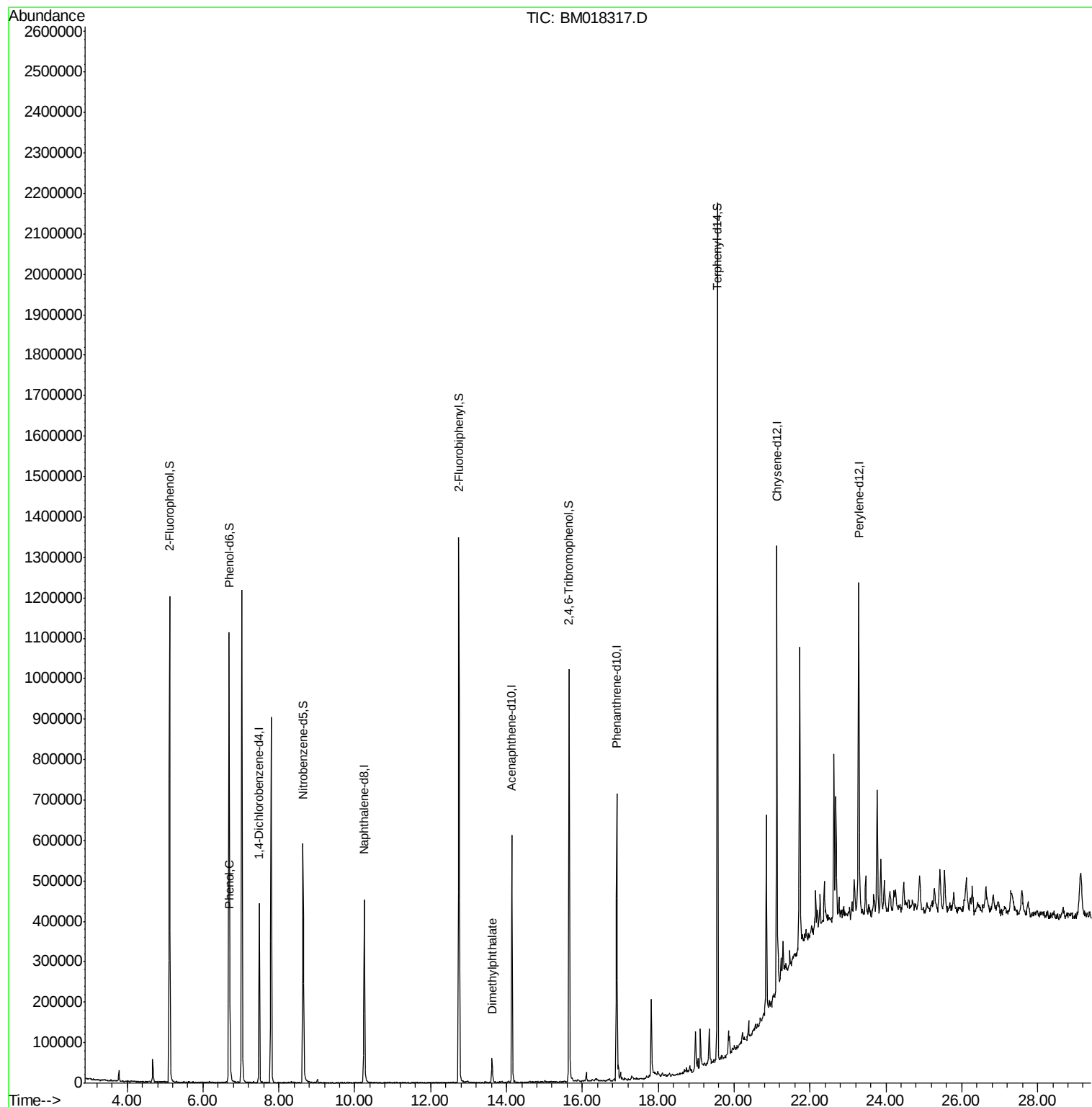
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	108737	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	385321	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	195092	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	408448	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	484298	20.00	ng	-0.02
87) Perylene-d12	23.29	264	544600	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	479376	73.64	ng	0.00
7) Phenol-d6	6.69	99	613064	67.76	ng	-0.02
23) Nitrobenzene-d5	8.64	82	388400	51.70	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	183042	63.92	ng	-0.01
45) 2-Fluorobiphenyl	12.74	172	695220	46.16	ng	-0.02
79) Terphenyl-d14	19.56	244	926761	43.28	ng	-0.01
Target Compounds						
10) Phenol	6.71	94	45298	4.728	ng	89
50) Dimethylphthalate	13.62	163	44043	2.715	ng	# 95

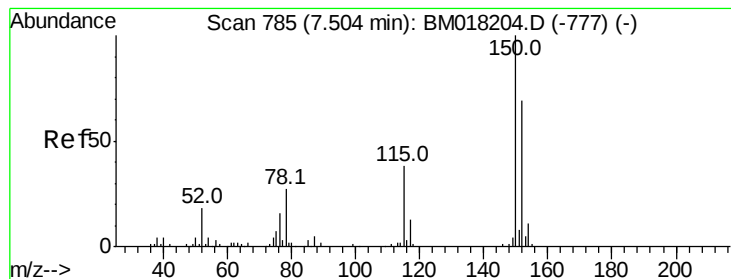
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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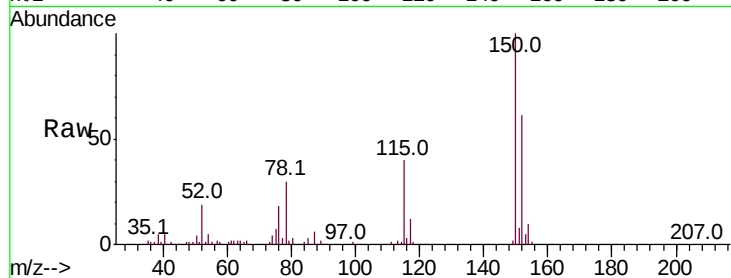


#1

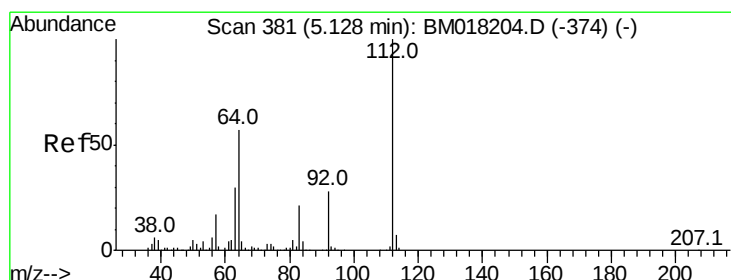
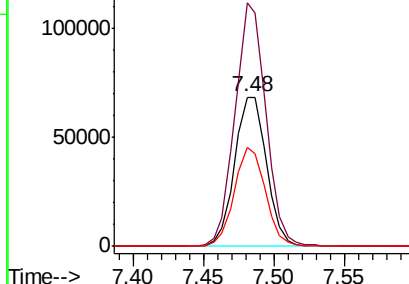
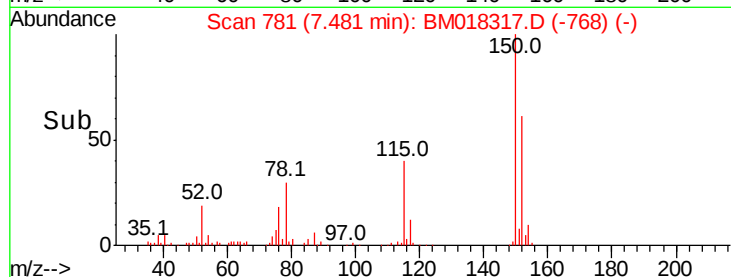
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tot Ion:152 Resp: 108737
Ion Ratio Lower Upper
152 100
150 163.5 116.1 174.1
115 66.1 44.6 67.0



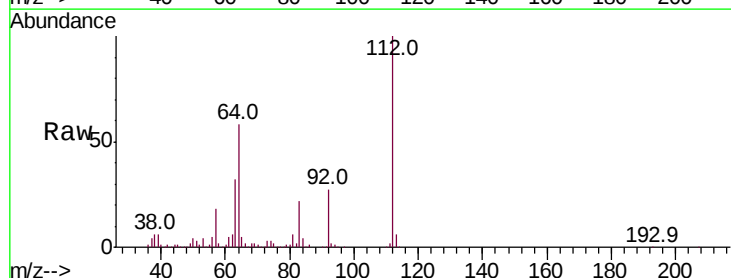
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



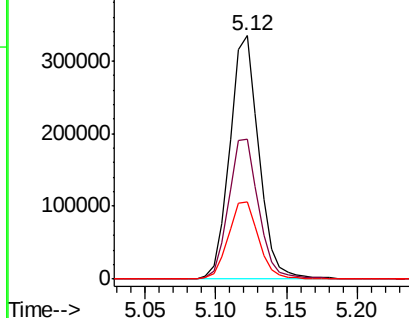
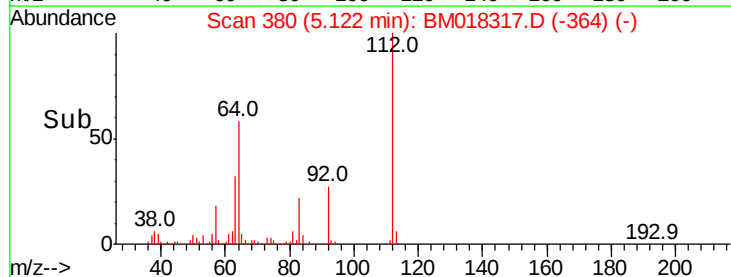
#5

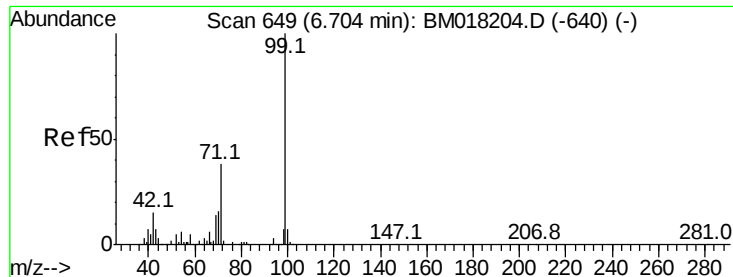
2-Fluorophenol
Concen: 73.645 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:112 Resp: 479376
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 32.0 24.0 36.0



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: 67.761 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

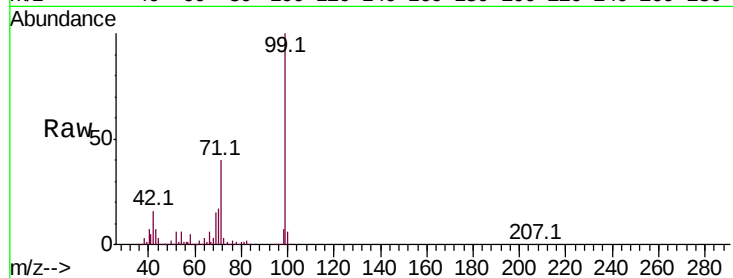
Tot Ion: 99 Resp: 613064

Ion Ratio Lower Upper

99 100

42 16.3 12.3 18.5

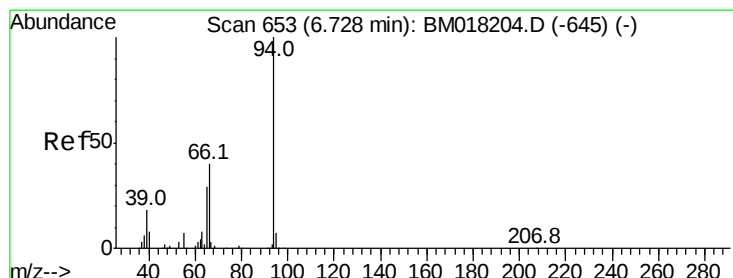
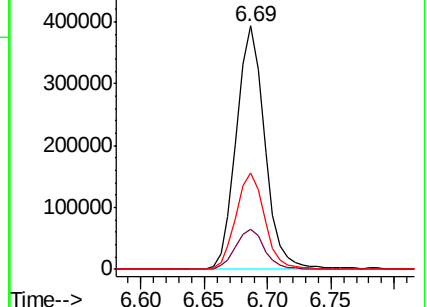
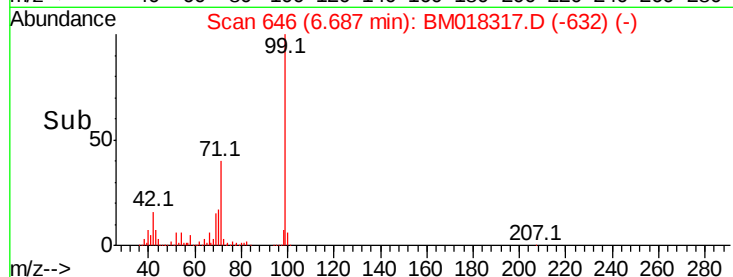
71 39.8 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018317.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018317.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018317.D (-632) (-)



#10

Phenol

Concen: 4.728 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

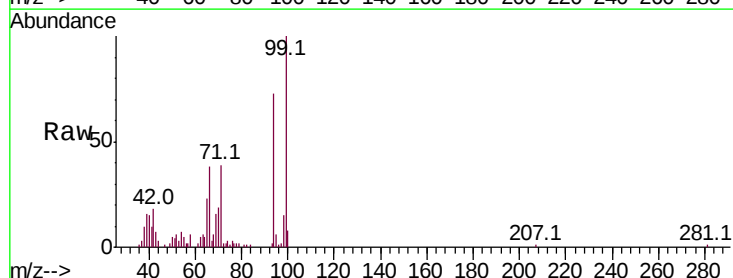
Tgt Ion: 94 Resp: 45298

Ion Ratio Lower Upper

94 100

65 31.3 9.5 49.5

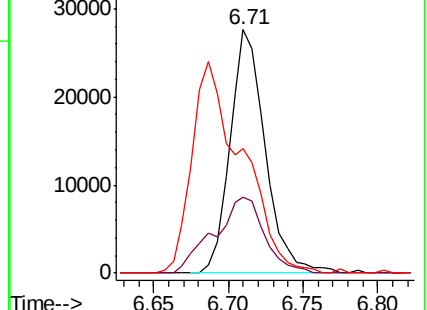
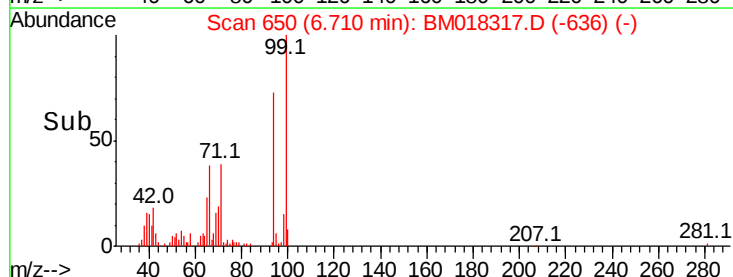
66 51.4 21.3 61.3

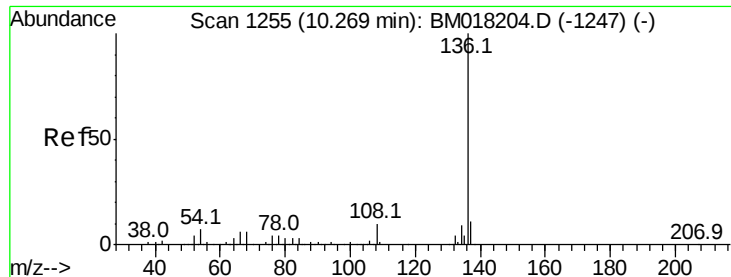


Abundance Ion 94.00 (93.70 to 94.70): BM018317.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018317.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018317.D (-636) (-)

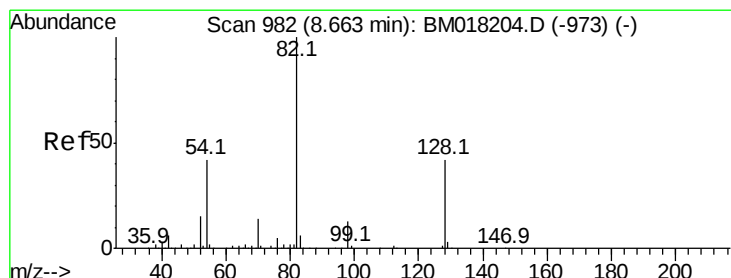
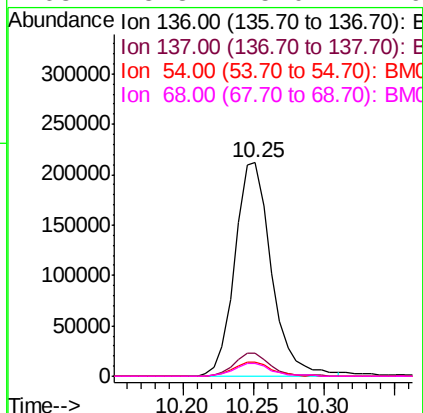
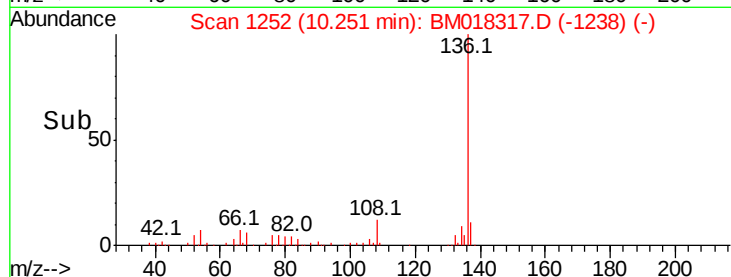
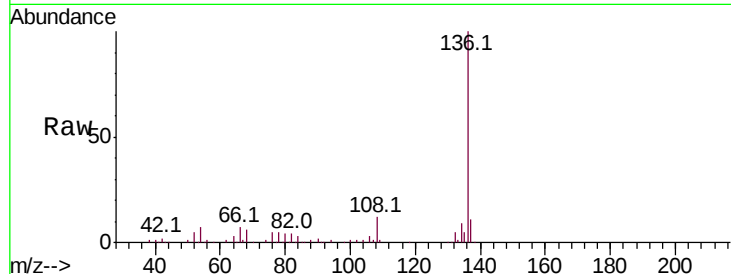




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

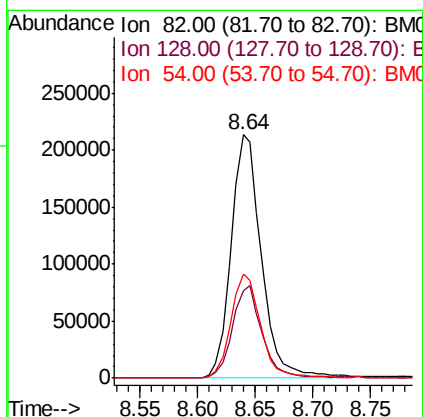
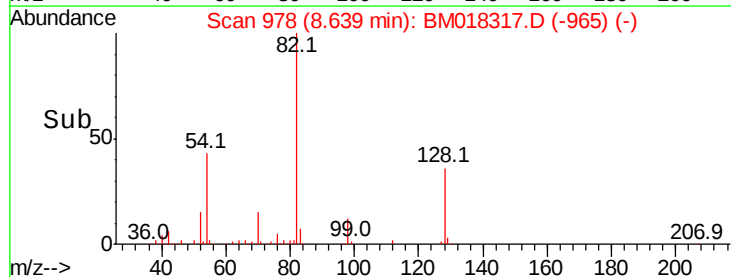
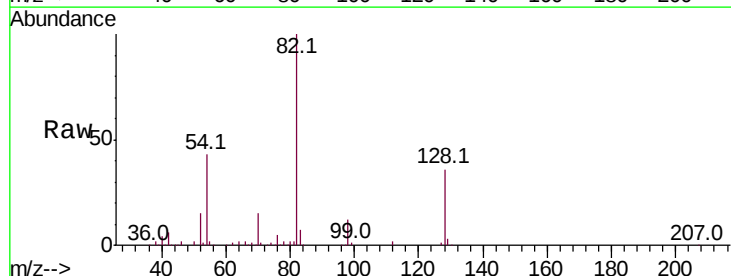
Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

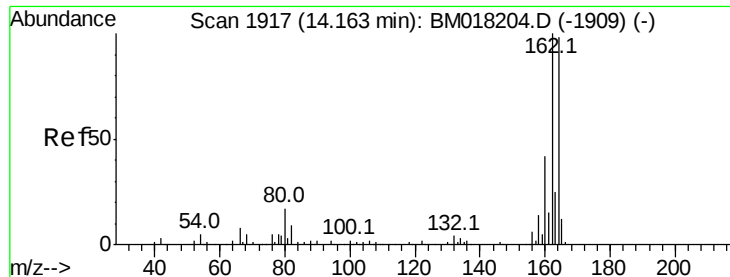
Tot Ion:136	Resp:	385321
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	6.7	5.2 7.8
68	5.8	5.0 7.6



#23
Nitrobenzene-d5
Concen: 51.703 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion: 82	Resp:	388400
Ion	Ratio	Lower Upper
82	100	
128	35.9	33.4 50.2
54	42.7	33.4 50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

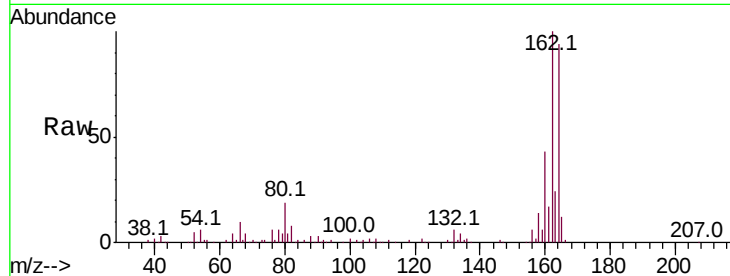
Tot Ion:164 Resp: 195092

Ion Ratio Lower Upper

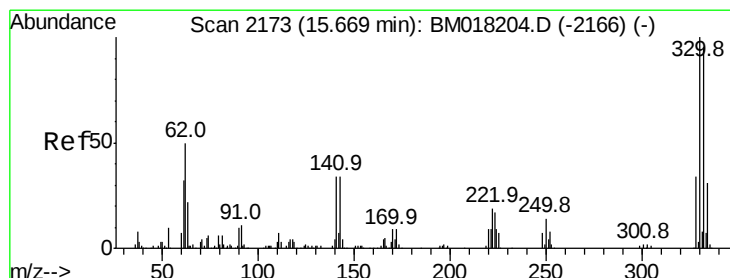
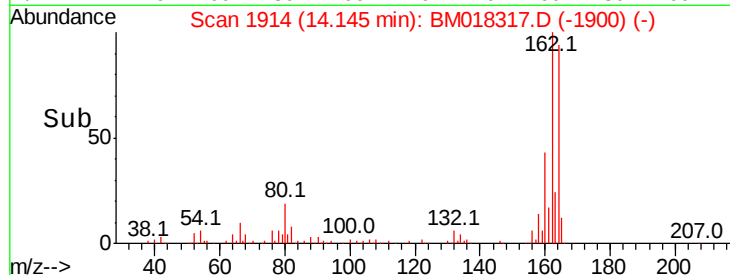
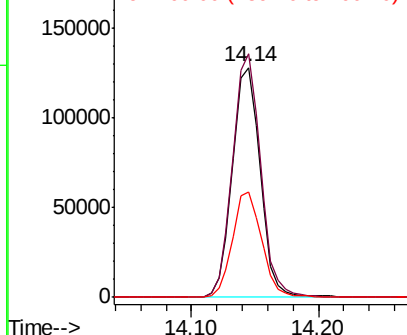
164 100

162 105.8 81.8 122.6

160 45.6 34.6 51.8



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



#42

2,4,6-Tribromophenol

Concen: 63.924 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

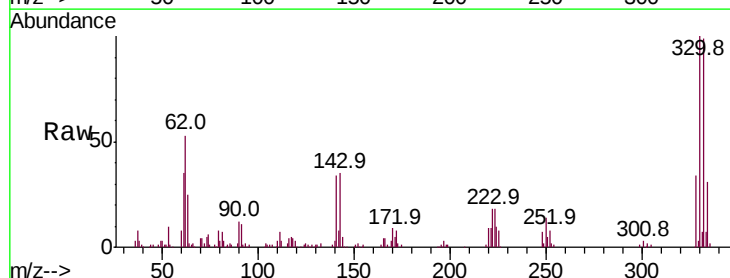
Tgt Ion:330 Resp: 183042

Ion Ratio Lower Upper

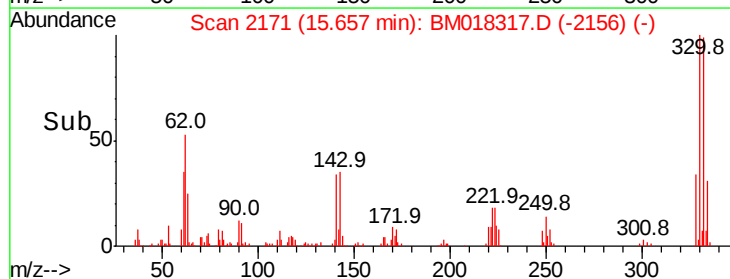
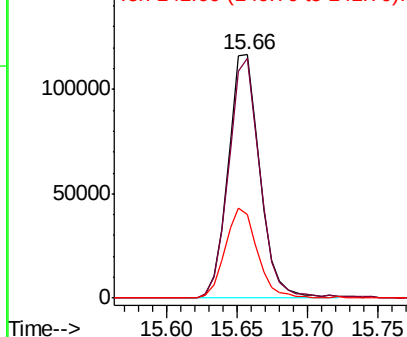
330 100

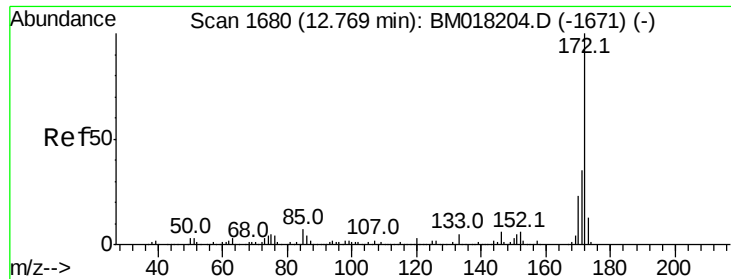
332 96.7 78.6 118.0

141 37.5 27.1 40.7



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

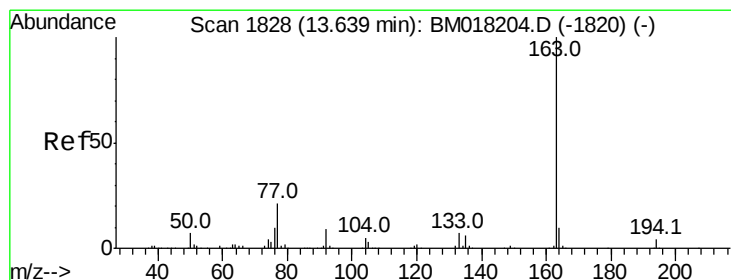
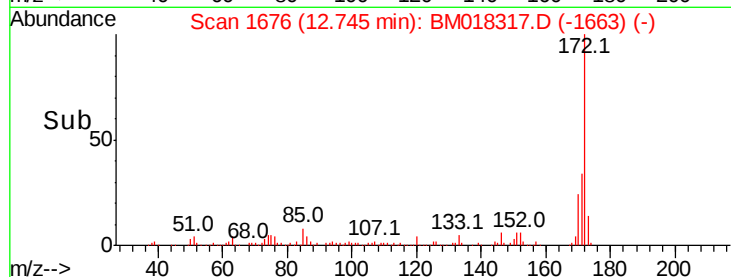
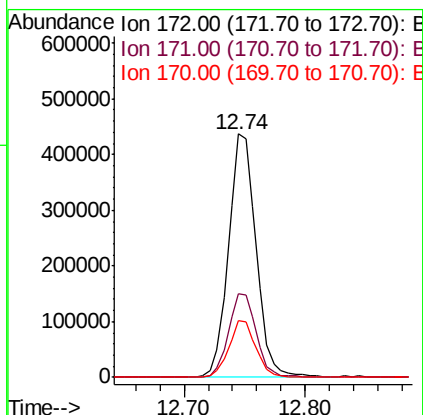
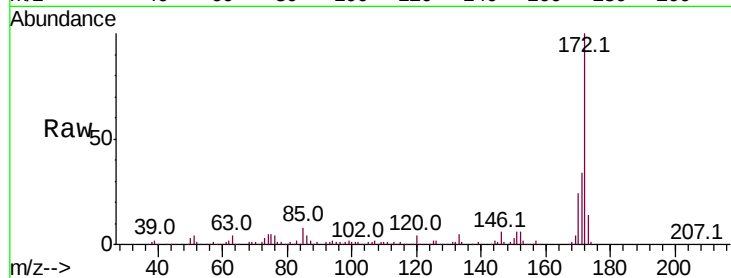




#45
2-Fluorobiphenyl
Concen: 46.156 ng
RT: 12.74 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

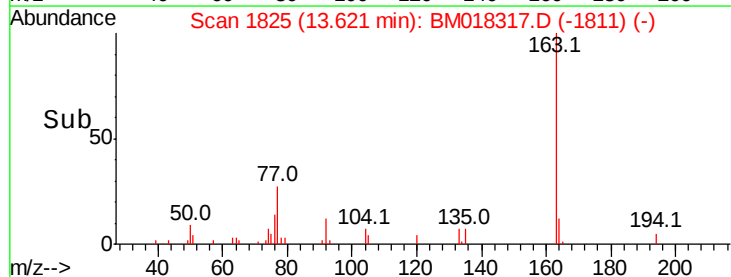
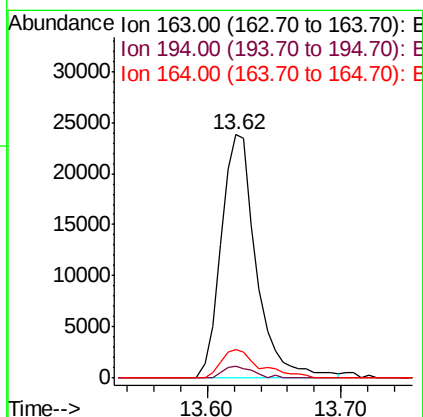
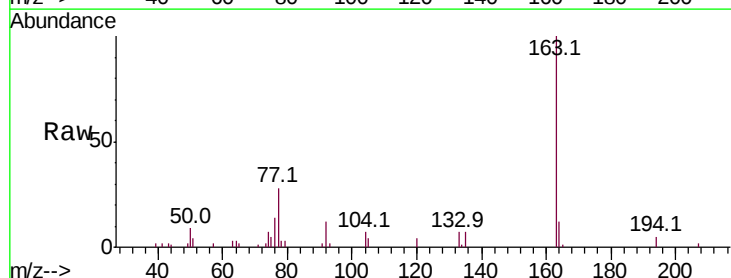
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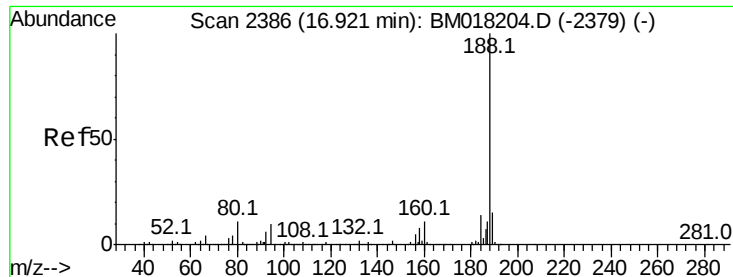
Tot Ion:172 Resp: 695220
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.5 18.1 27.1



#50
Dimethylphthalate
Concen: 2.715 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:163 Resp: 44043
Ion Ratio Lower Upper
163 100
194 5.0 3.1 4.7#
164 11.9 7.9 11.9

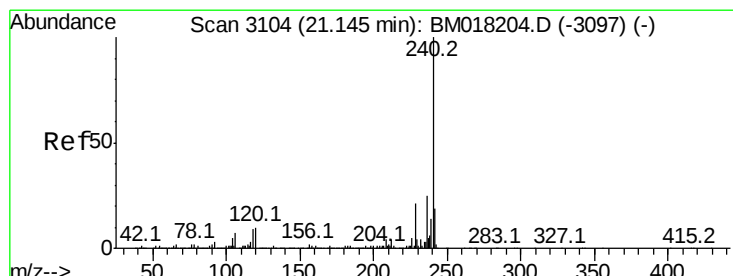
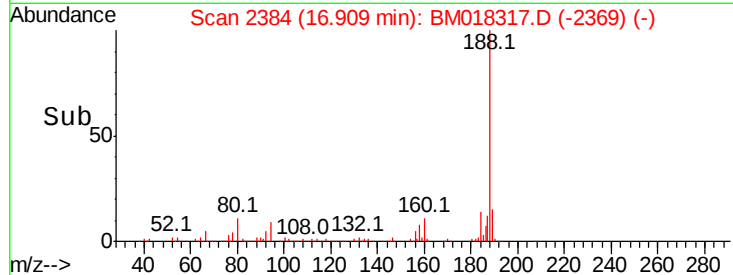
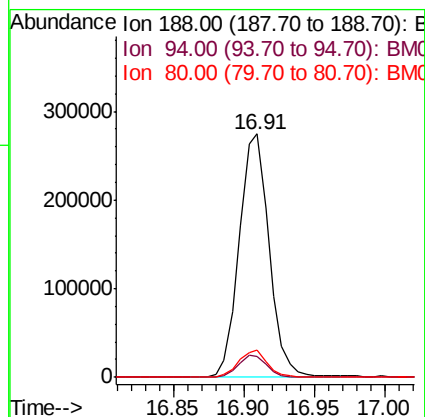
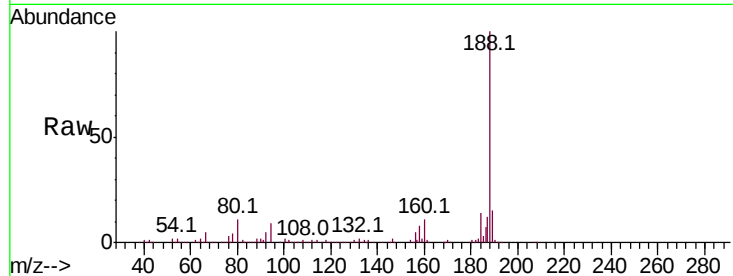




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

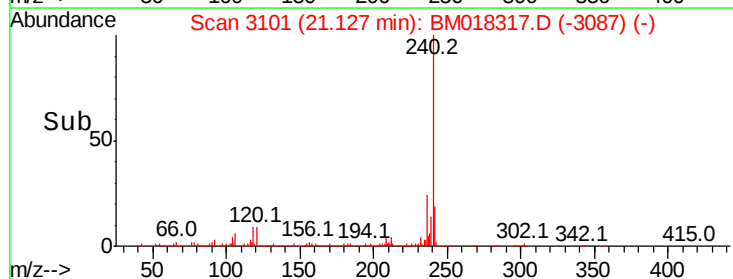
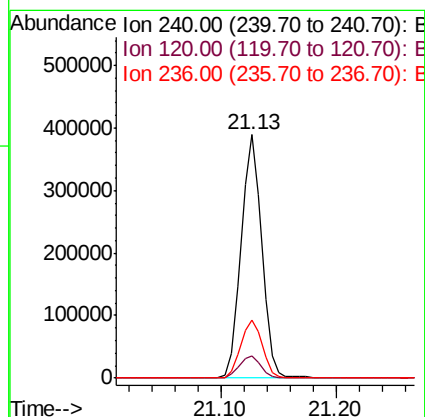
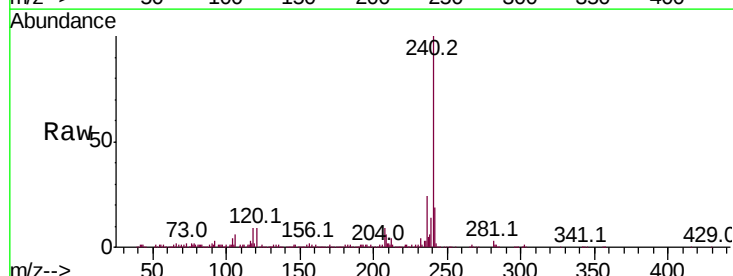
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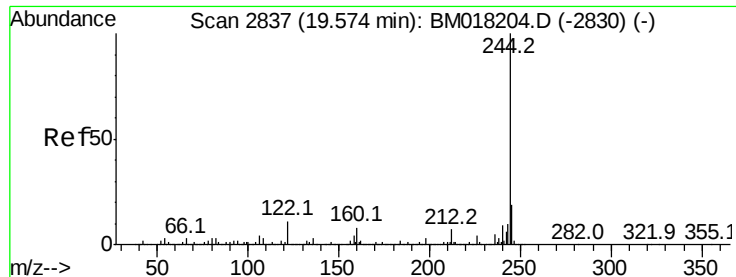
Tot Ion:188 Resp: 408448
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 11.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:240 Resp: 484298
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 23.7 20.3 30.5





#79

Terphenyl-d14

Concen: 43.279 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

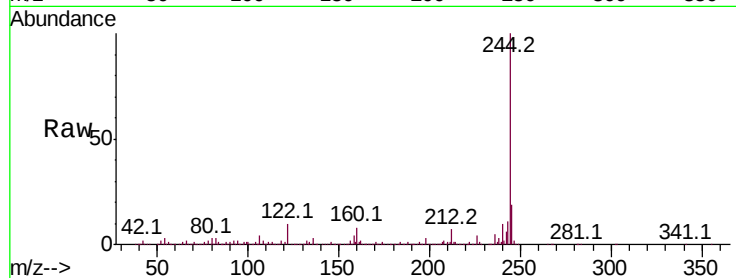
Tot Ion:244 Resp: 926761

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

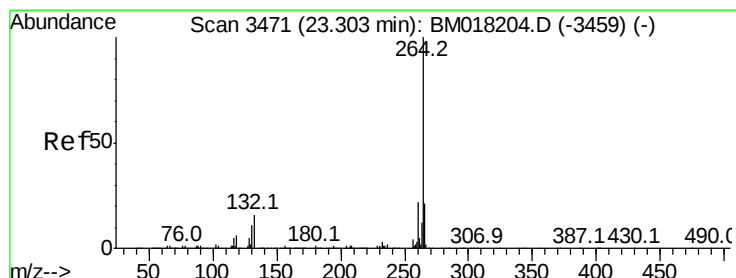
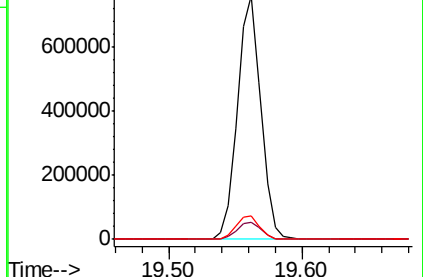
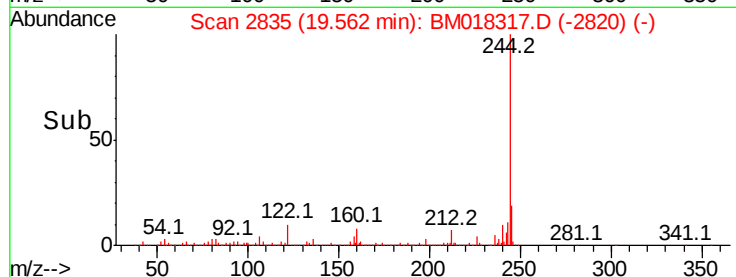
122 9.6 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

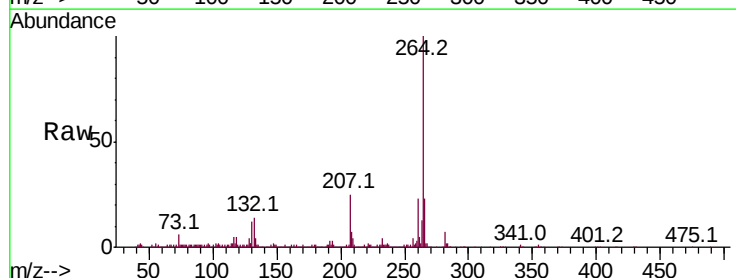
Tgt Ion:264 Resp: 544600

Ion Ratio Lower Upper

264 100

260 23.2 17.5 26.3

265 22.8 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

