

Data File : BM017887.D
Acq On : 03 Dec 2018 23:06
Operator : JU/SJ
Sample : J6149-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RECLAIMER-PIT

Quant Time: Dec 04 06:57:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	221949	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	914663	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	535791	20.00	ng	-0.04
64) Phenanthrene-d10	16.98	188	1193409	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	1060543	20.00	ng	-0.03
87) Perylene-d12	23.37	264	929640	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1531294	116.44	ng	-0.03
7) Phenol-d6	6.77	99	1801446	98.08	ng	-0.03
23) Nitrobenzene-d5	8.73	82	1406328	79.38	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	1034335	134.35	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	3473343	84.10	ng	-0.04
79) Terphenyl-d14	19.63	244	5238472	111.95	ng	-0.02

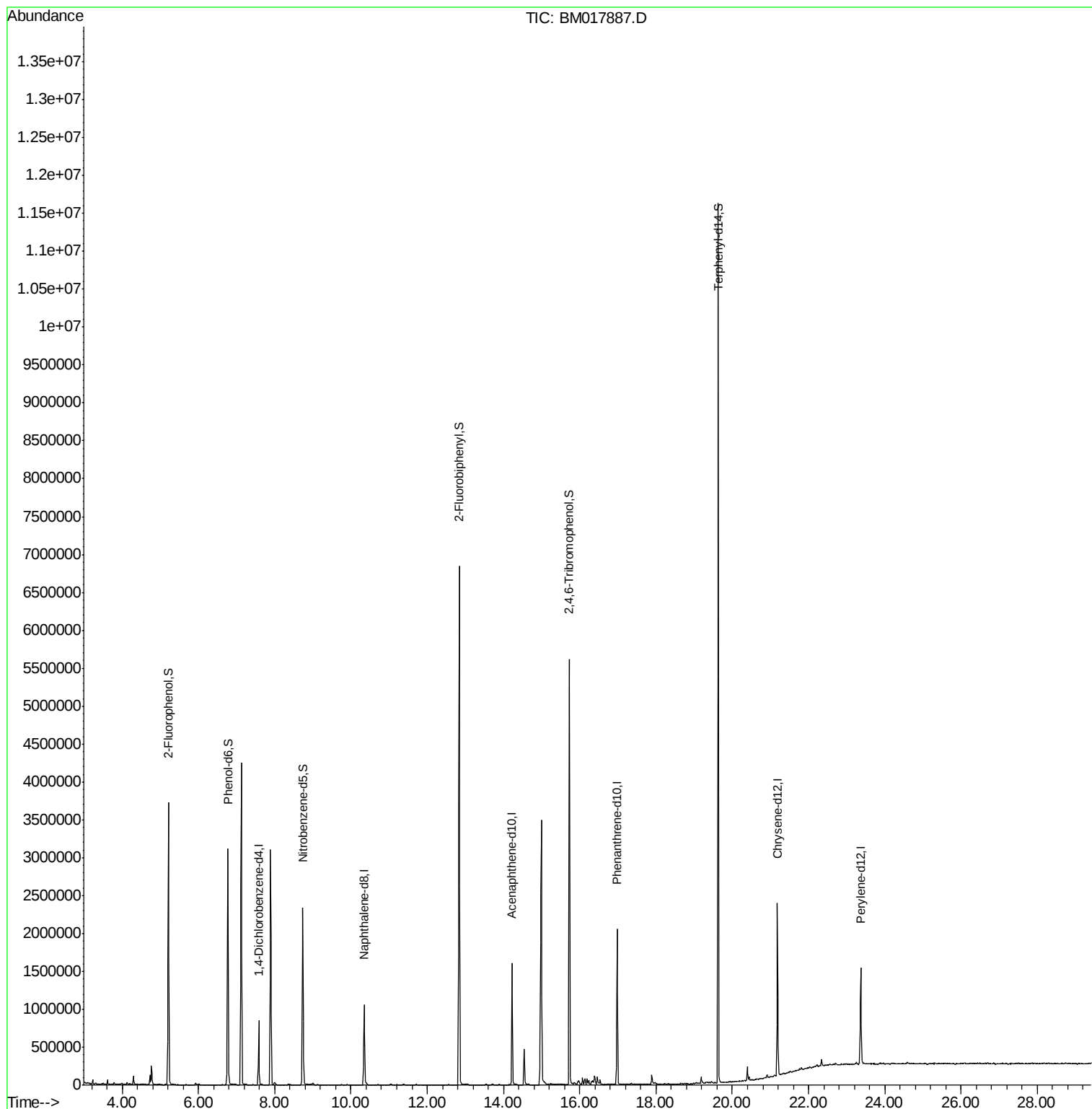
Target Compounds	Qvalue
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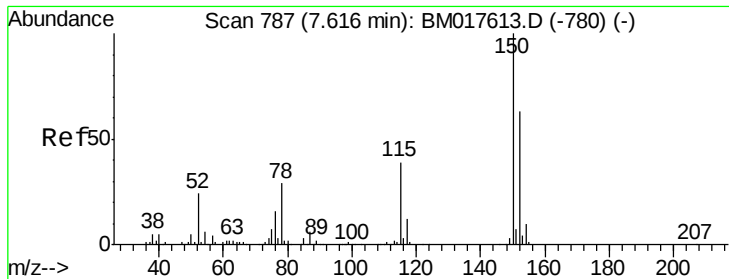
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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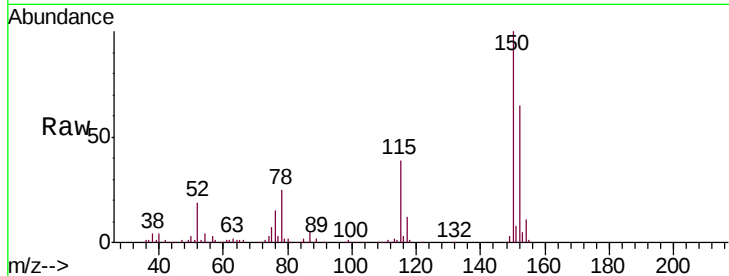


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017887.D
Acq: 03 Dec 2018 23:06

Instrument :
BNA_M
ClientSampleId :
RECLAIMER-PIT

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.4	189.6
115	59.1	49.4	74.0

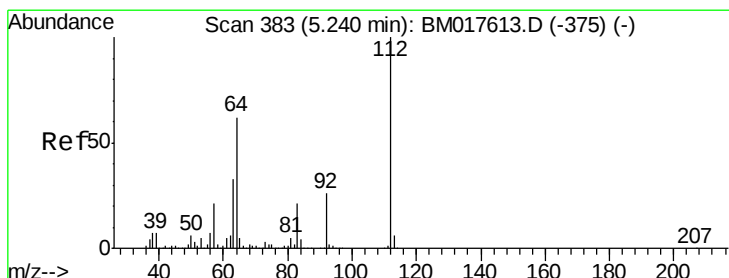
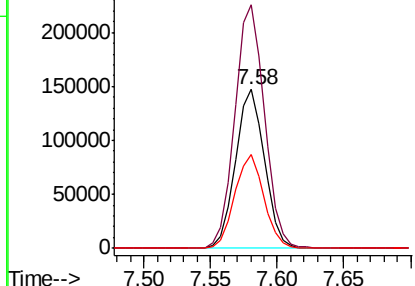
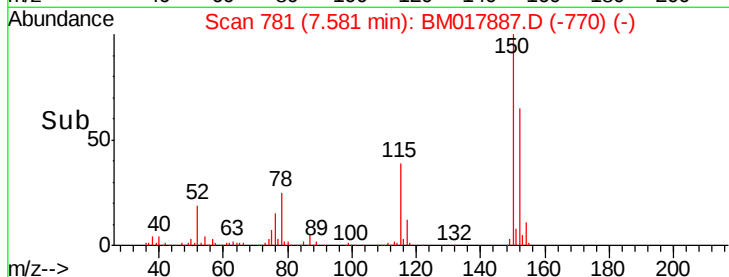


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

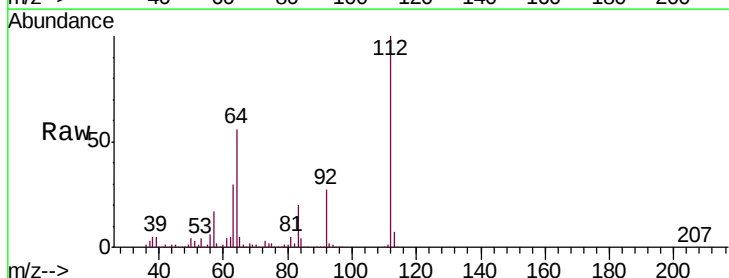
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.436 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017887.D
Acq: 03 Dec 2018 23:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	49.3	73.9
63	29.6	26.2	39.4

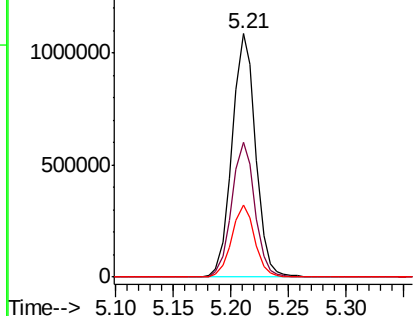
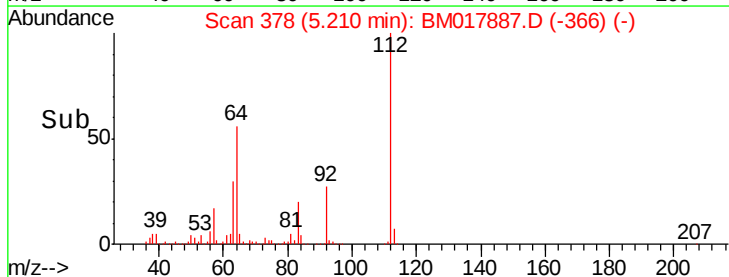


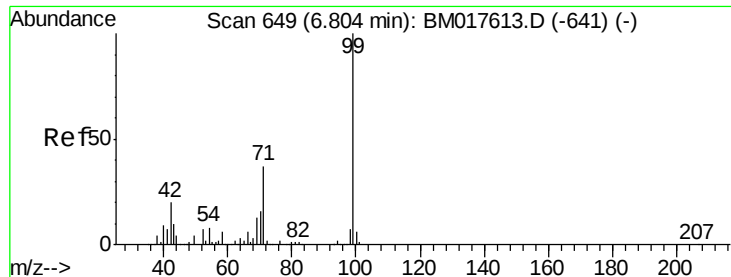
Abundance

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: 98.076 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017887.D

Acq: 03 Dec 2018 23:06

Instrument :

BNA_M

ClientSampleId :

RECLAIMER-PIT

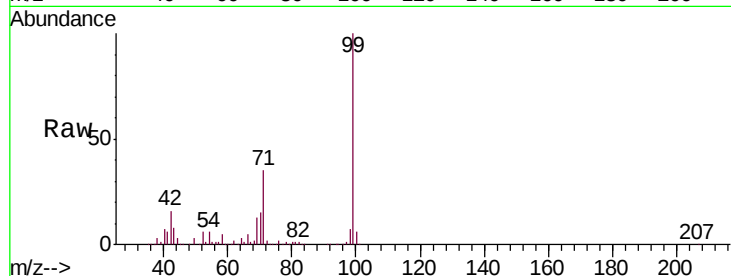
Tgt Ion: 99 Resp: 1801446

Ion Ratio Lower Upper

99 100

42 15.8 16.3 24.5#

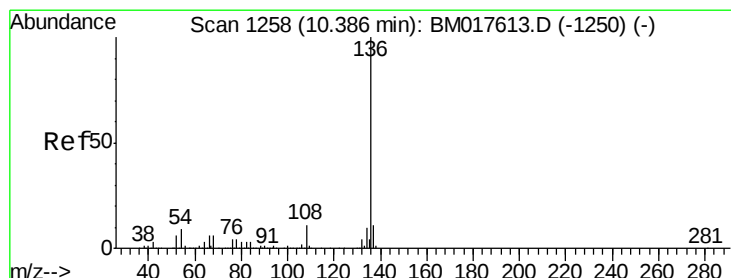
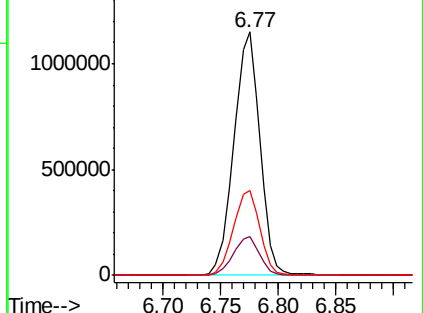
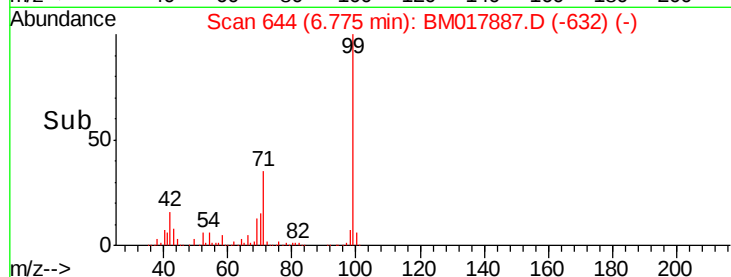
71 35.1 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. -0.04 min

Lab File: BM017887.D

Acq: 03 Dec 2018 23:06

Tgt Ion: 136 Resp: 914663

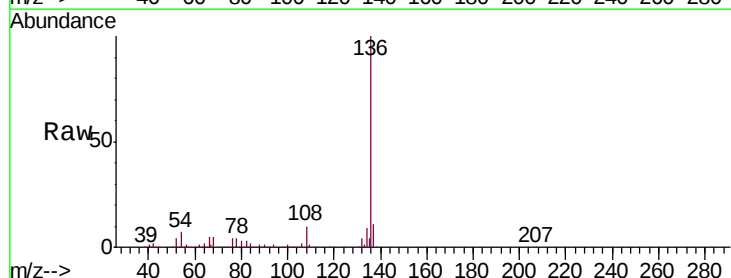
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.8 7.0 10.6#

68 5.5 4.9 7.3

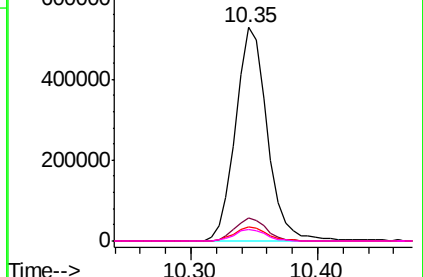
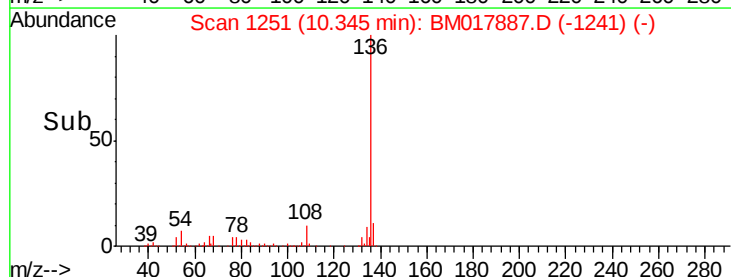


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

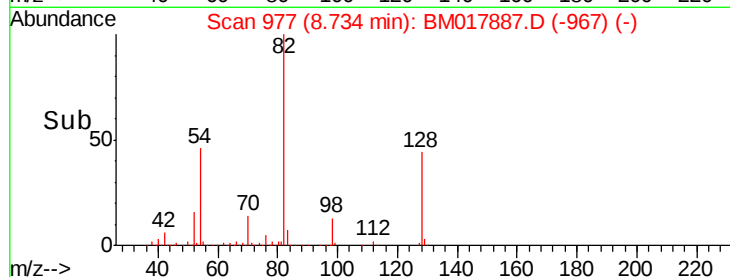
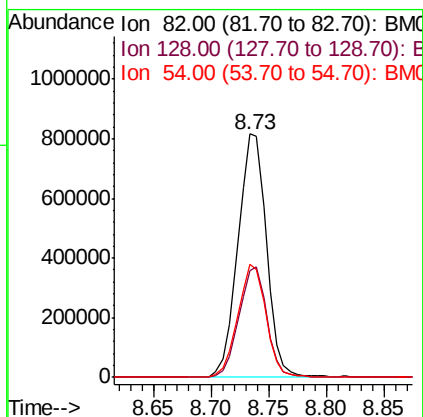
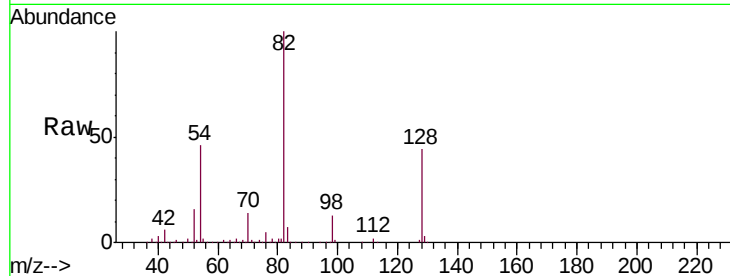




#23
Nitrobenzene-d5
Concen: 79.376 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017887.D
Acq: 03 Dec 2018 23:06

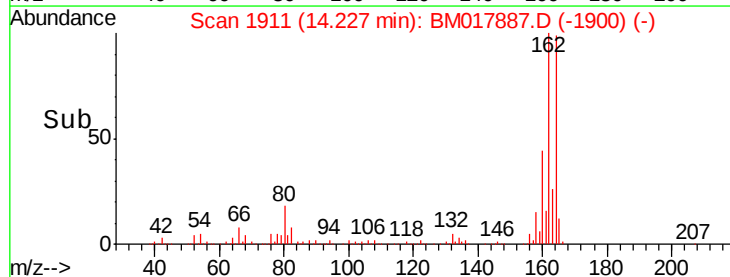
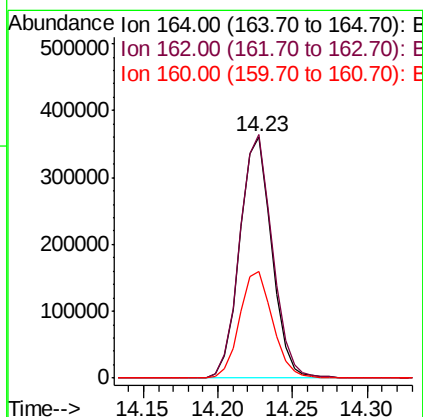
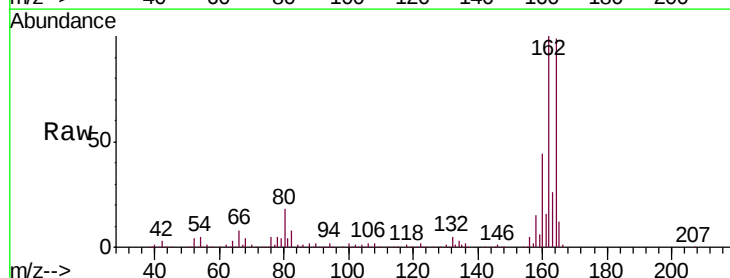
Instrument :
BNA_M
ClientSampleId :
RECLAIMER-PIT

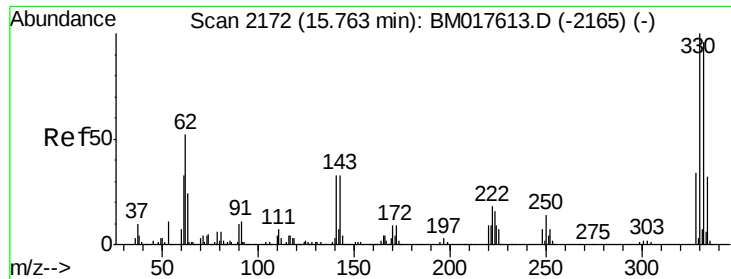
Tgt Ion: 82 Resp: 1406328
Ion Ratio Lower Upper
82 100
128 43.8 33.0 49.4
54 46.3 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017887.D
Acq: 03 Dec 2018 23:06

Tgt Ion: 164 Resp: 535791
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.3 35.6 53.4

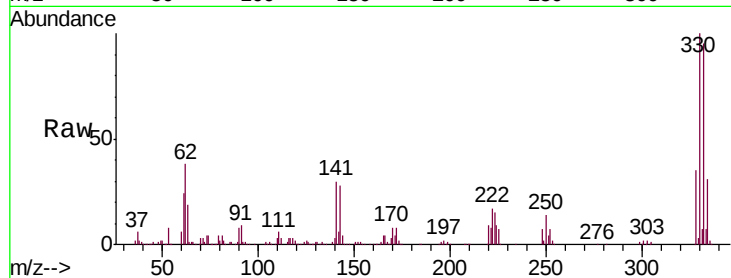




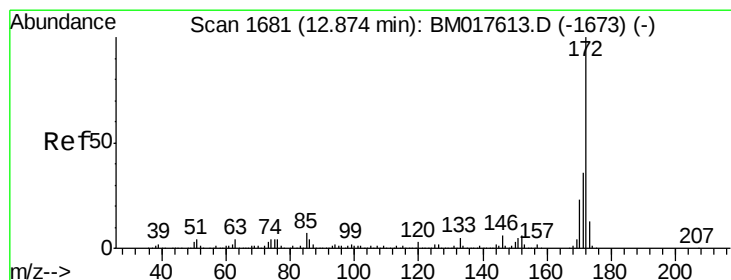
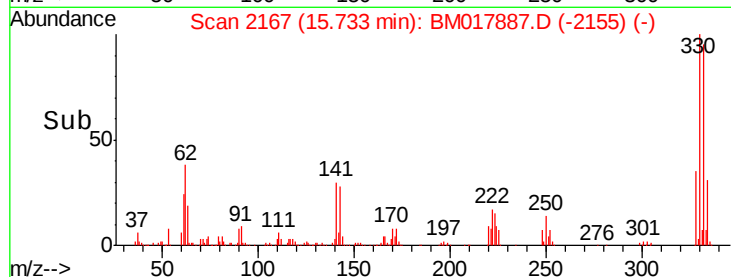
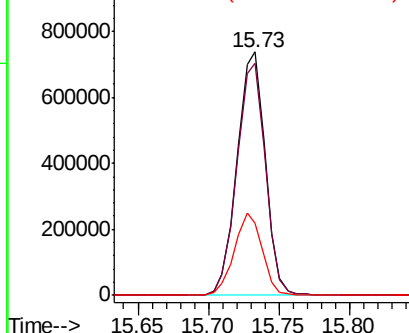
#42
 2,4,6-Tribromophenol
 Concen: 134.354 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM017887.D
 Acq: 03 Dec 2018 23:06

Instrument :
 BNA_M
 ClientSampleId :
 RECLAIMER-PIT

Tgt Ion:330 Resp: 1034335
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.9 116.9
 141 33.2 27.5 41.3

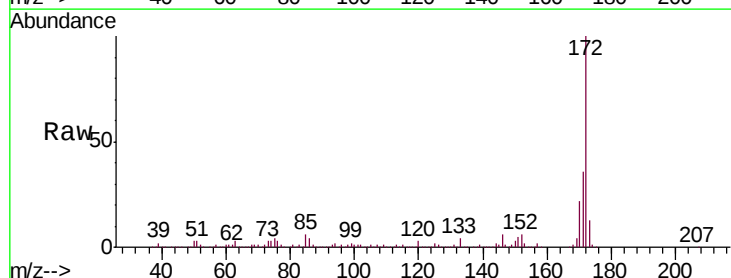


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

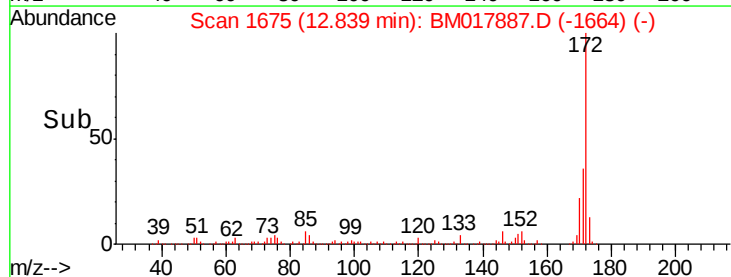
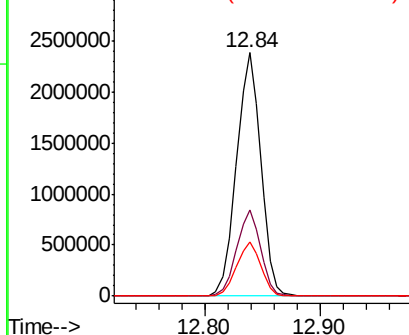


#45
 2-Fluorobiphenyl
 Concen: 84.102 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017887.D
 Acq: 03 Dec 2018 23:06

Tgt Ion:172 Resp: 3473343
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 170 22.2 18.3 27.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2379

Delta R.T. -0.04 min

Lab File: BM017887.D

Acq: 03 Dec 2018 23:06

Instrument :

BNA_M

ClientSampleId :

RECLAIMER-PIT

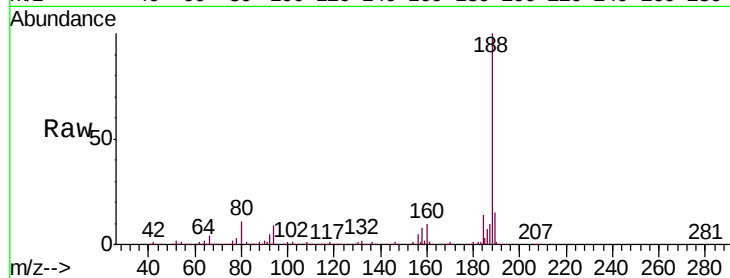
Tgt Ion:188 Resp: 1193409

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

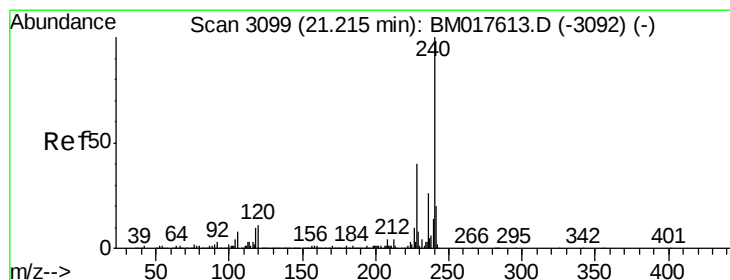
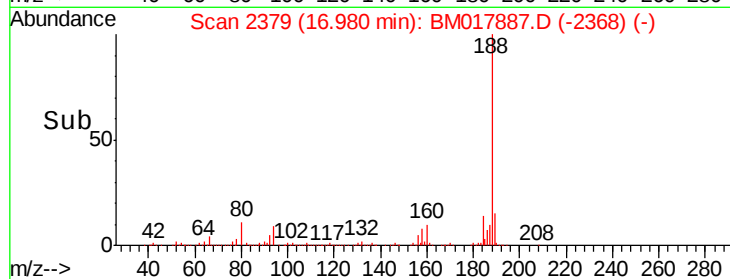
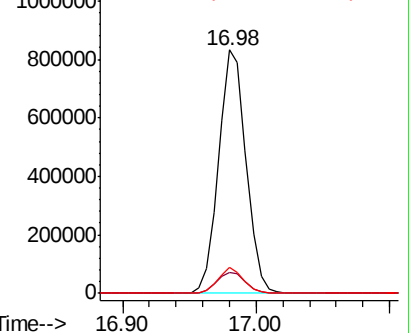
80 10.8 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BM017887.D

Acq: 03 Dec 2018 23:06

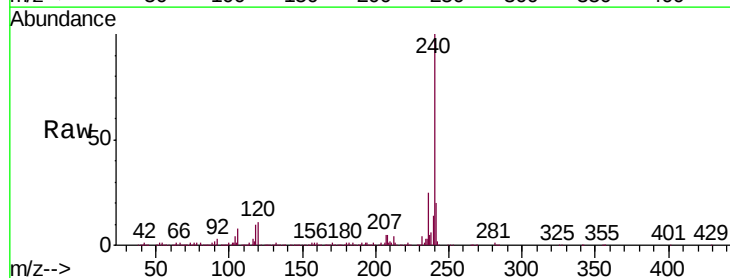
Tgt Ion:240 Resp: 1060543

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

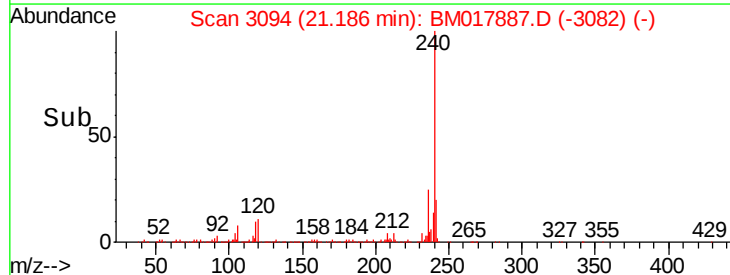
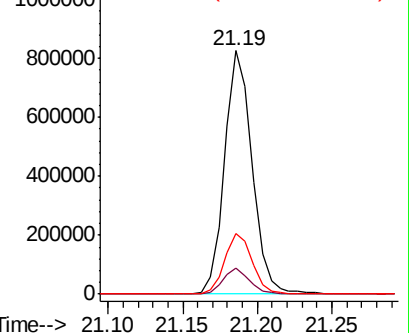
236 24.6 20.4 30.6

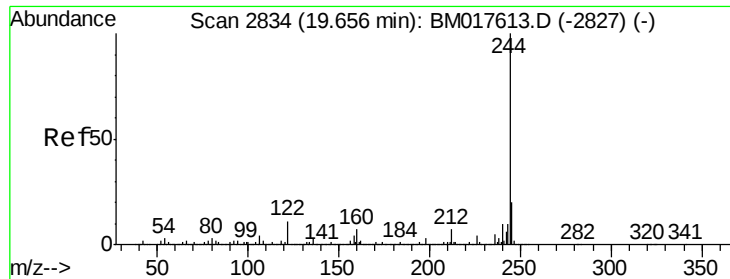


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 111.948 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017887.D

Acq: 03 Dec 2018 23:06

Instrument :

BNA_M

ClientSampleId :

RECLAIMER-PIT

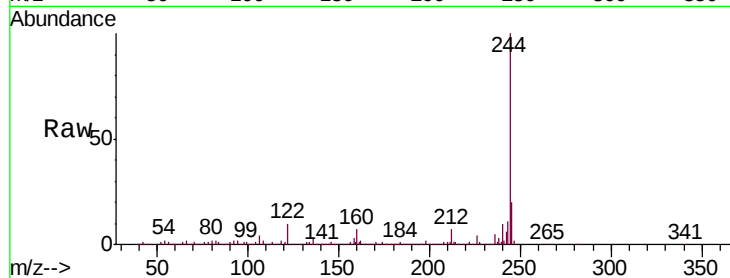
Tgt Ion:244 Resp: 5238472

Ion Ratio Lower Upper

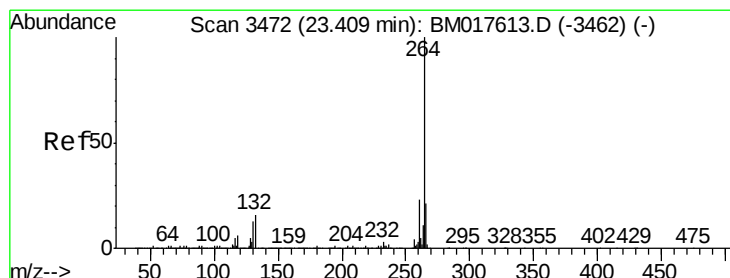
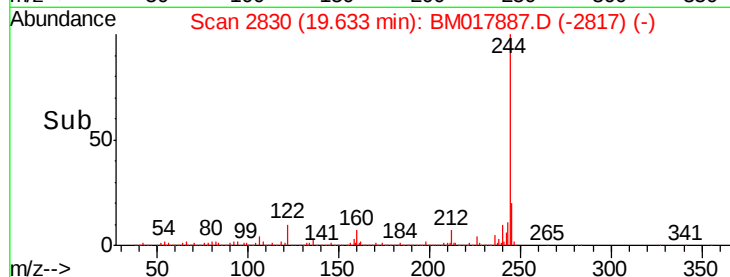
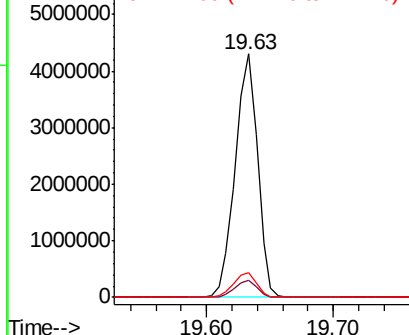
244 100

212 6.9 5.8 8.6

122 10.3 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: 23.37 min Scan# 3465

Delta R.T. -0.04 min

Lab File: BM017887.D

Acq: 03 Dec 2018 23:06

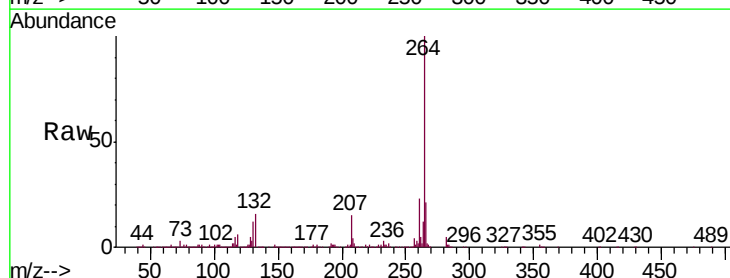
Tgt Ion:264 Resp: 929640

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 20.9 17.5 26.3



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

