

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018805.D
 Acq On : 13 Feb 2019 17:08
 Operator : JU/SJ
 Sample : K1343-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-L

Quant Time: Feb 14 01:07:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	282931	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1106296	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	624918	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1479710	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1603057	20.00	ng	0.00
87) Perylene-d12	23.57	264	1525632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2196241	127.19	ng	0.00
7) Phenol-d6	6.89	99	2569398	105.62	ng	0.00
23) Nitrobenzene-d5	8.87	82	2290741	95.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1310278	145.46	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4379749	93.04	ng	0.00
79) Terphenyl-d14	19.74	244	7879973	101.40	ng	0.00

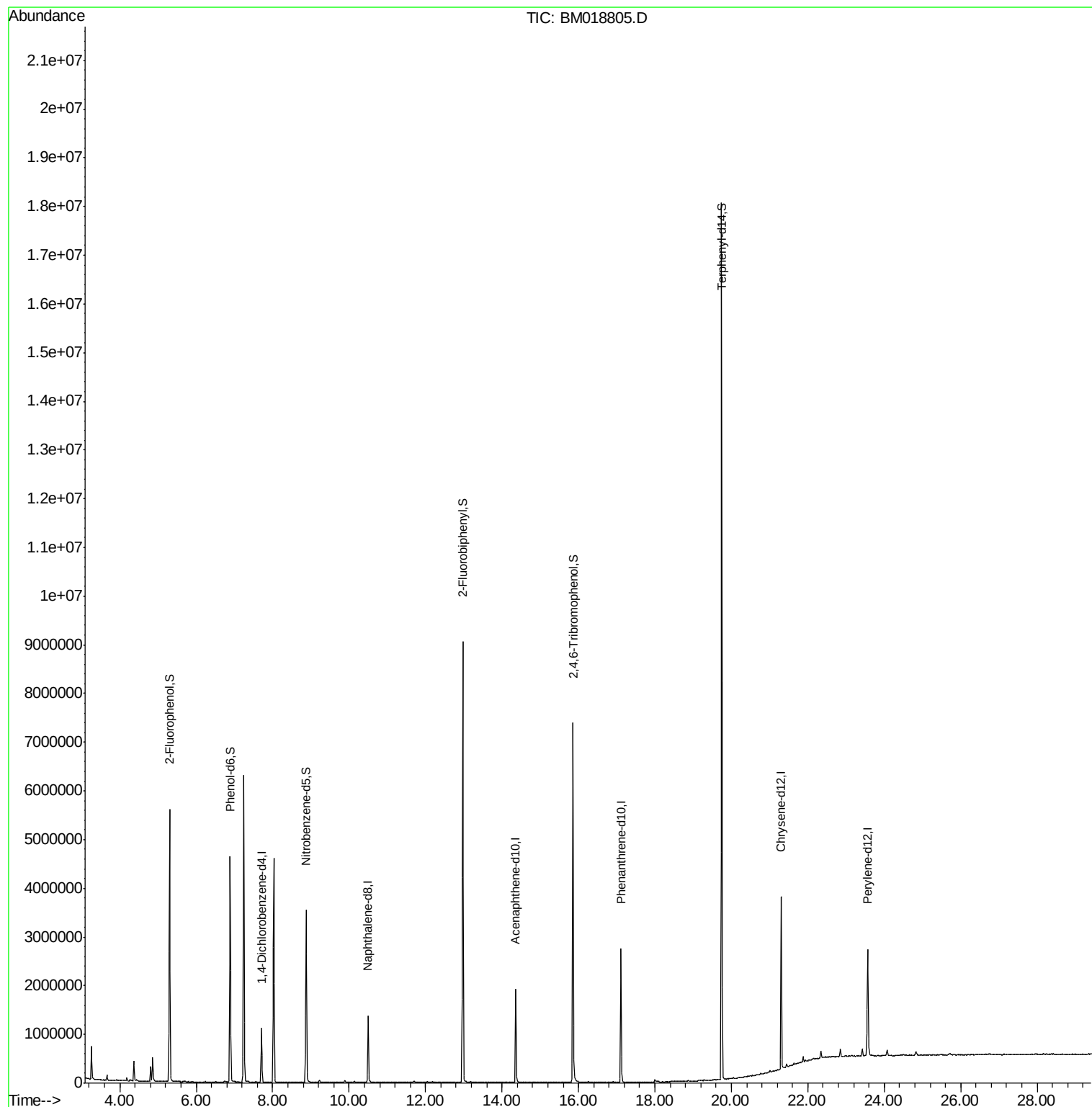
Target Compounds Qvalue

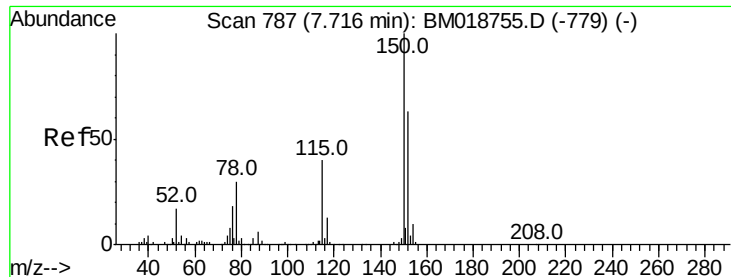
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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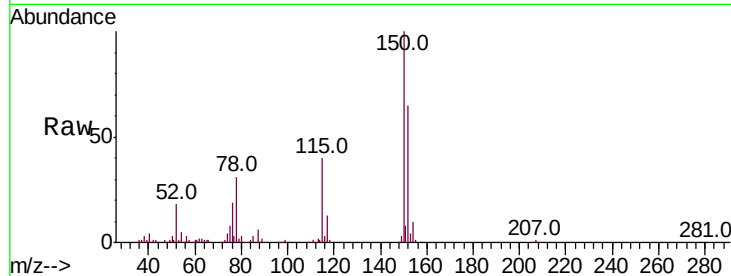


#1

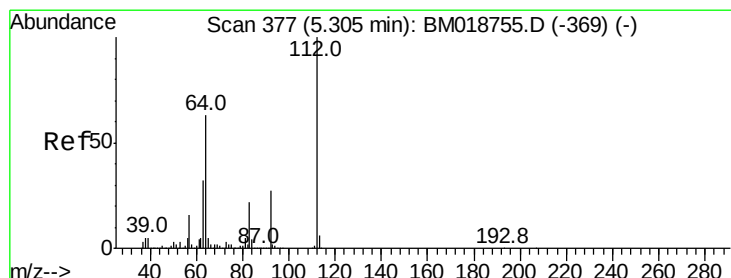
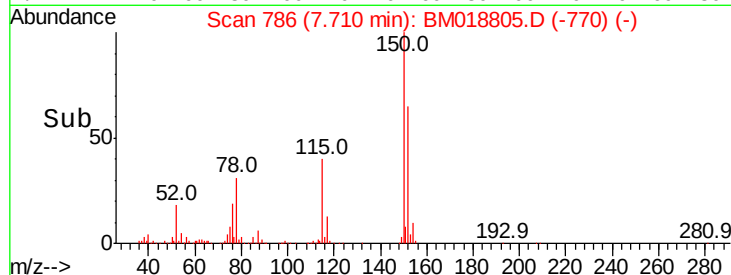
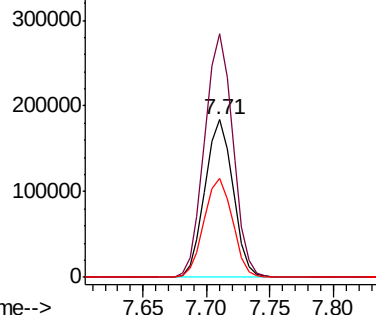
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-L

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.3	190.9
115	62.4	50.8	76.2



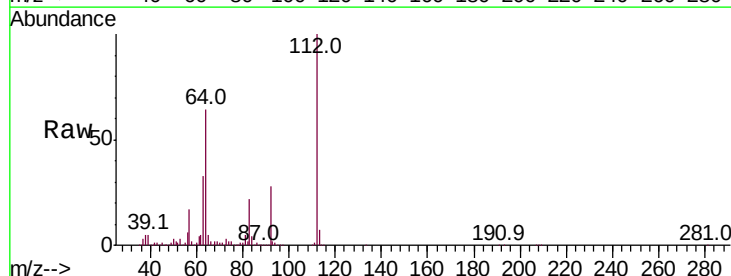
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



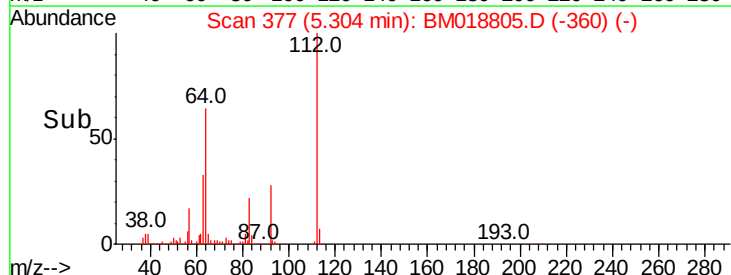
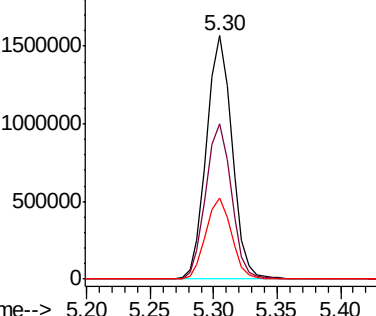
#5

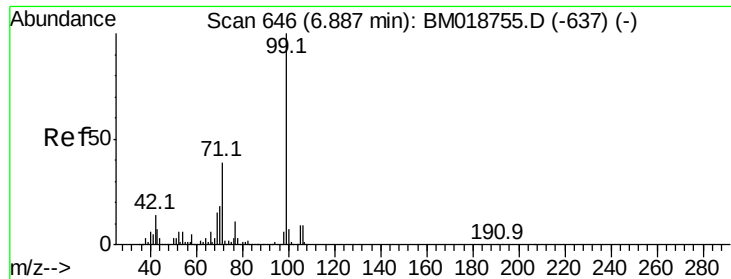
2-Fluorophenol
Concen: 127.186 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.6	75.8
63	33.0	25.7	38.5



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: 105.622 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

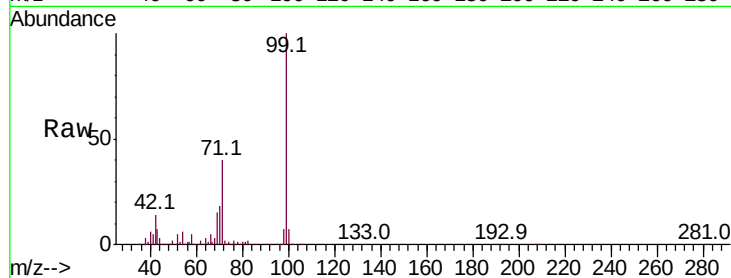
Tot Ion: 99 Resp: 2569398

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

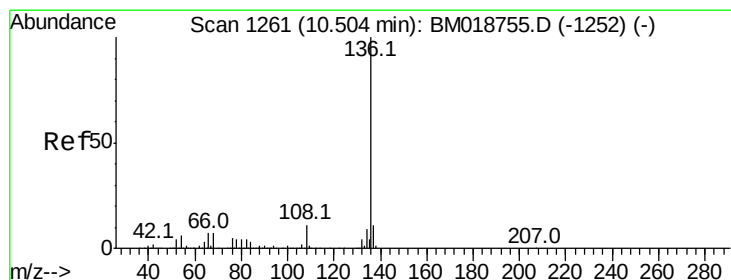
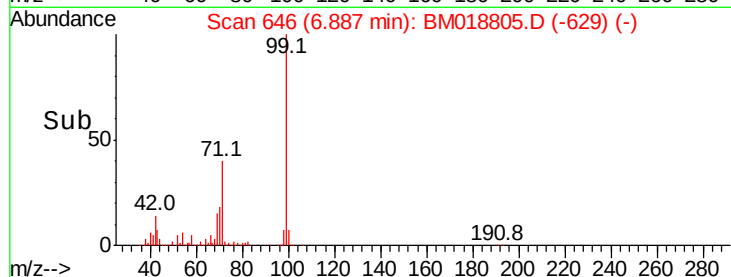
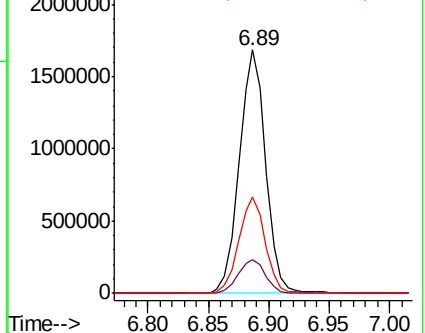
71 39.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018805.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018805.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018805.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Tgt Ion:136 Resp: 1106296

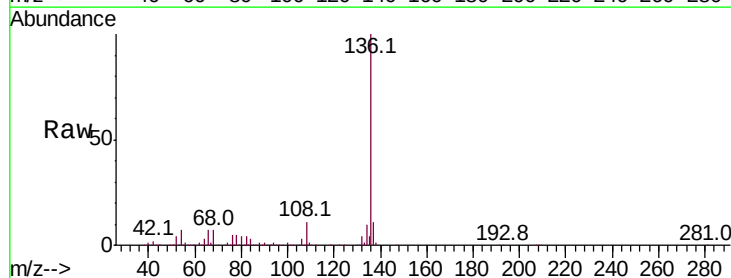
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.8 5.0 7.6

68 7.1 5.5 8.3

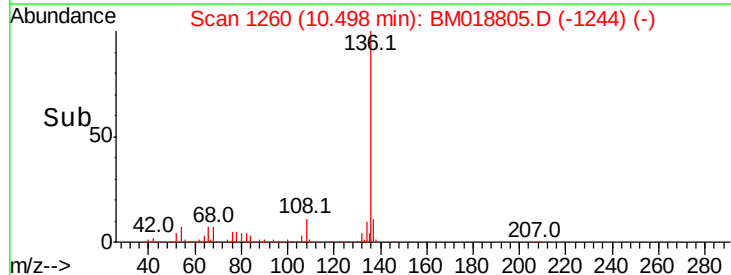
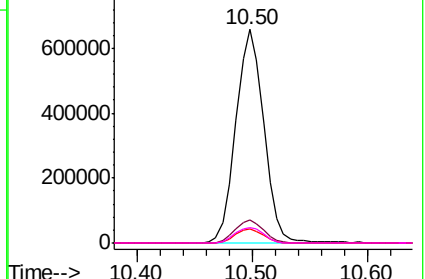


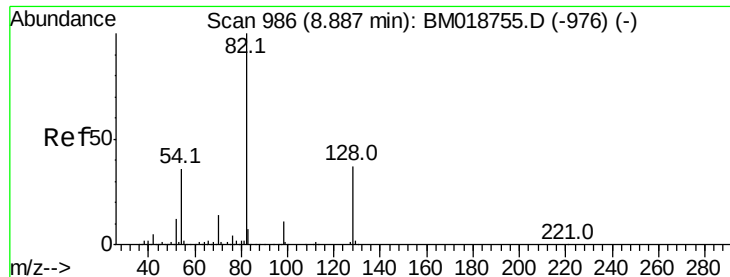
Abundance Ion 136.00 (135.70 to 136.70): BM018805.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018805.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018805.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018805.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 95.744 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

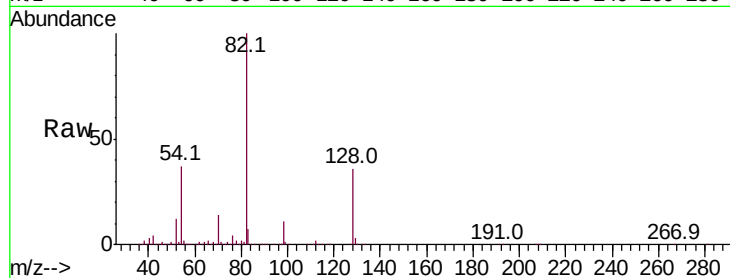
Tot Ion: 82 Resp: 2290741

Ion Ratio Lower Upper

82 100

128 35.7 29.9 44.9

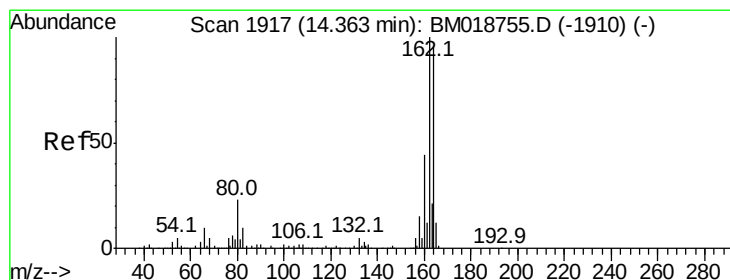
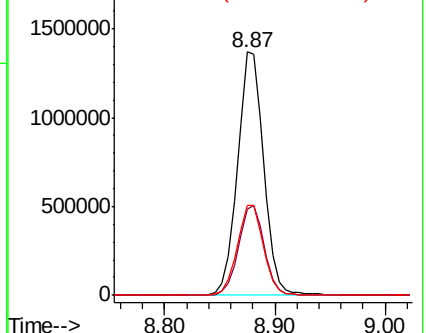
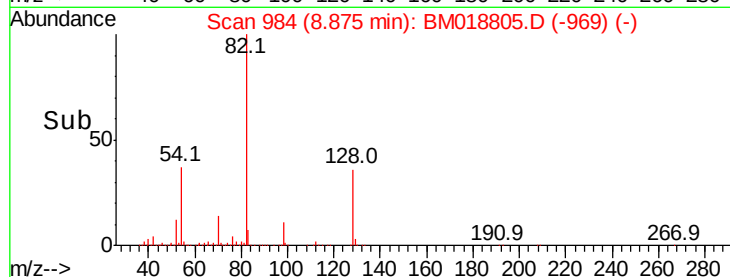
54 37.0 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018805.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018805.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018805.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

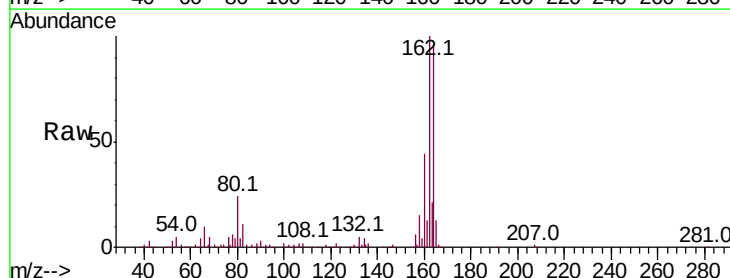
Tgt Ion: 164 Resp: 624918

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

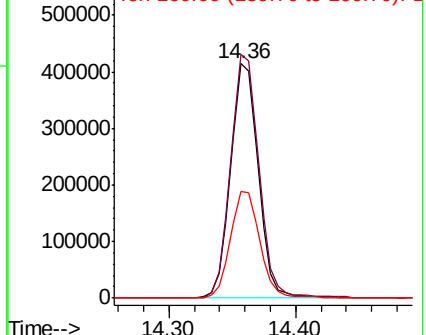
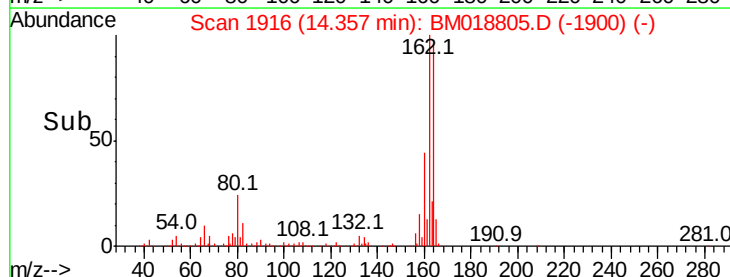
160 45.8 36.6 55.0

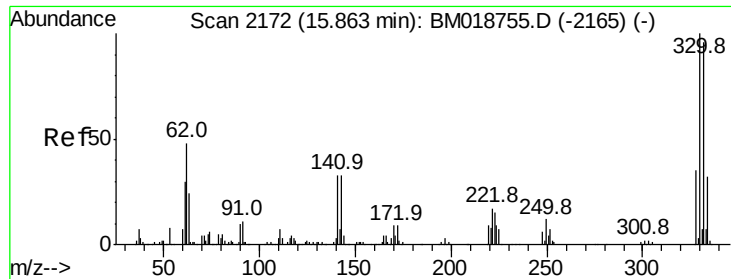


Abundance Ion 164.00 (163.70 to 164.70): BM018805.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018805.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018805.D (-1900) (-)

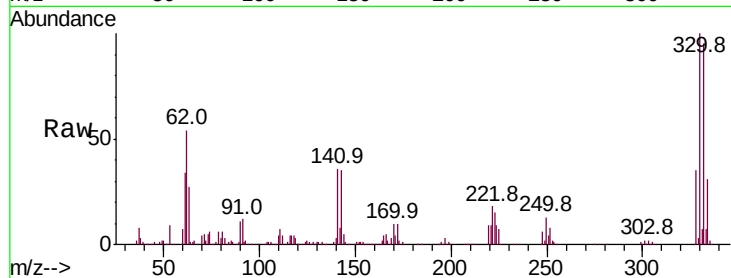




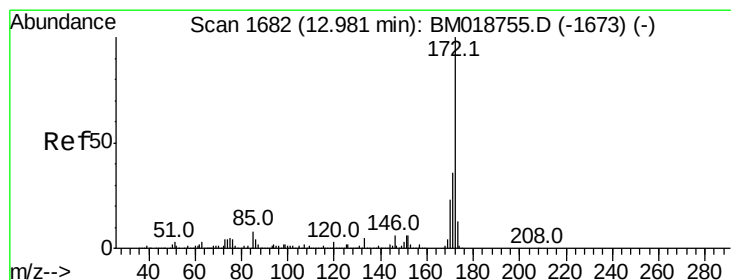
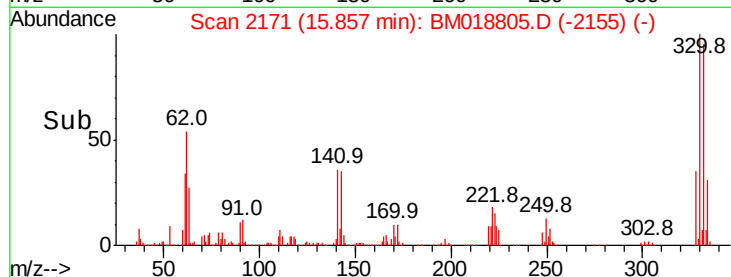
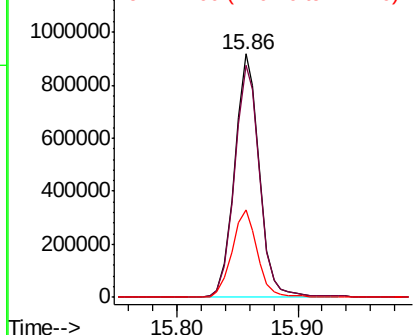
#42
 2,4,6-Tribromophenol
 Concen: 145.457 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-L

Tot Ion:330 Resp: 1310278
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 36.7 28.7 43.1

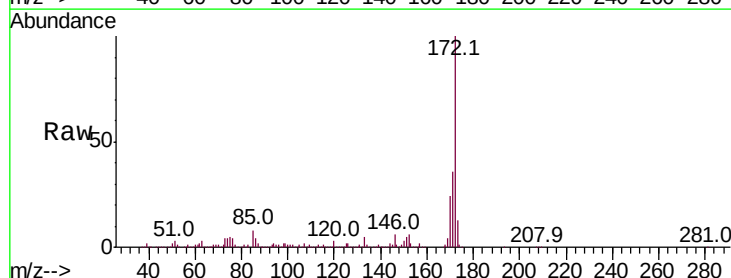


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

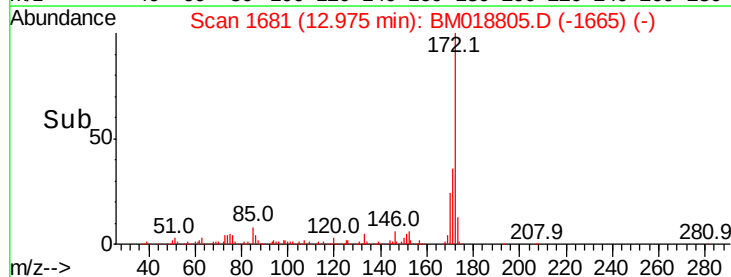
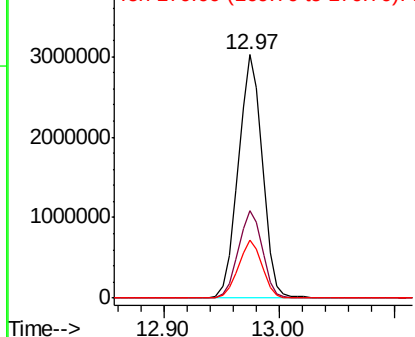


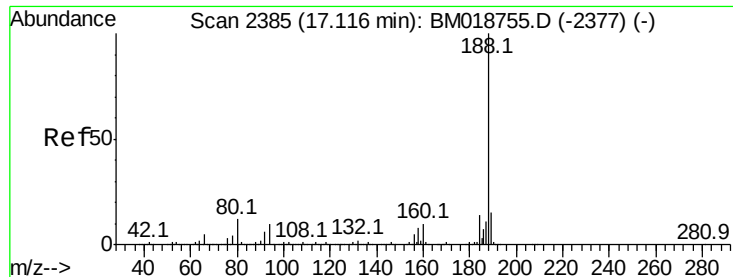
#45
 2-Fluorobiphenyl
 Concen: 93.036 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Tgt Ion:172 Resp: 4379749
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.6 18.6 28.0



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

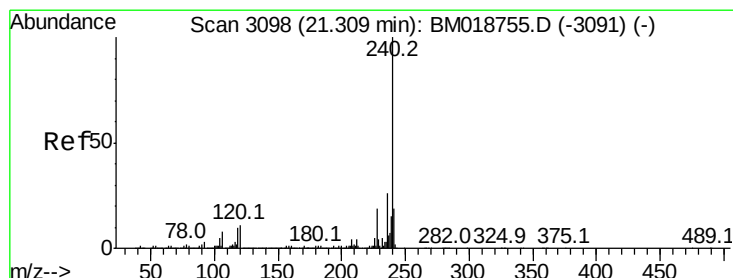
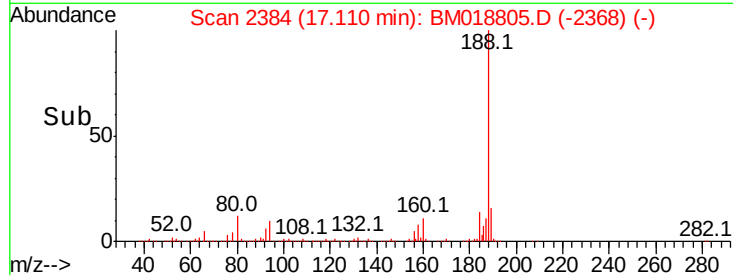
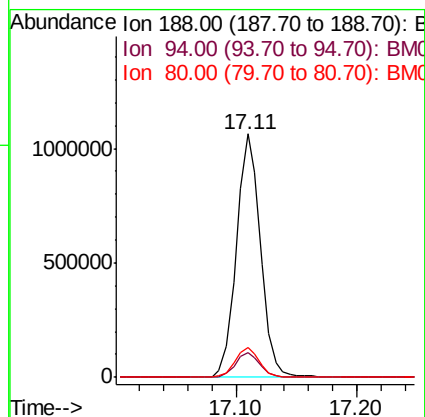
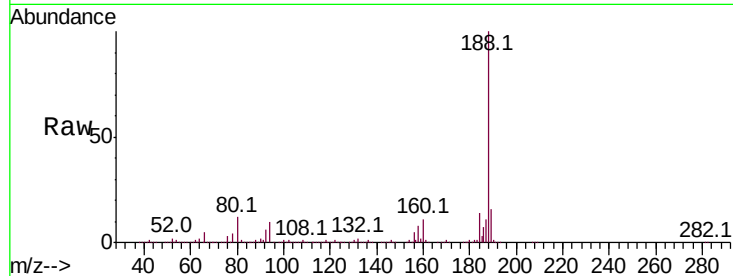




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

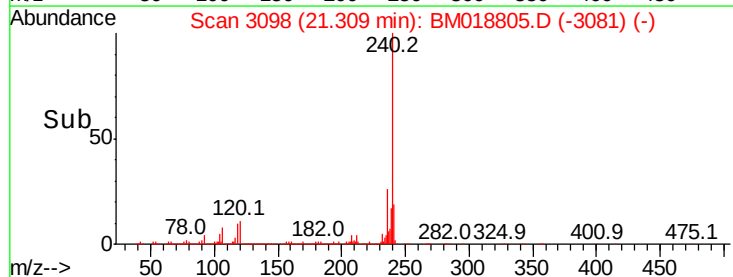
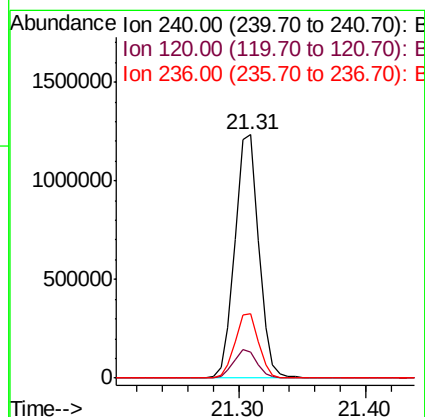
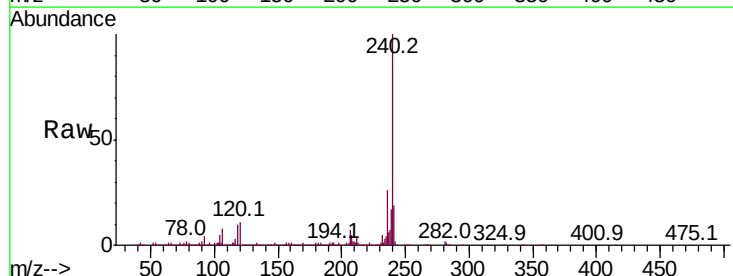
Instrument :
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JC-02-021119-L

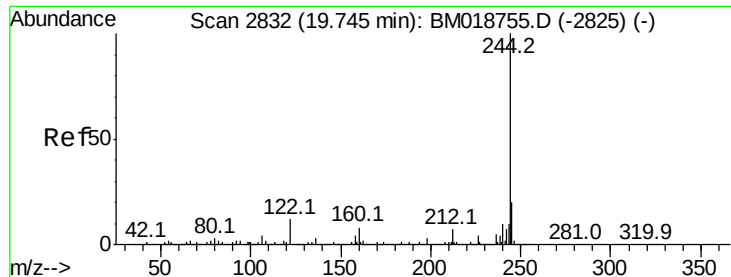
Tot Ion:188 Resp: 1479710
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion:240 Resp: 1603057
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.4 20.9 31.3



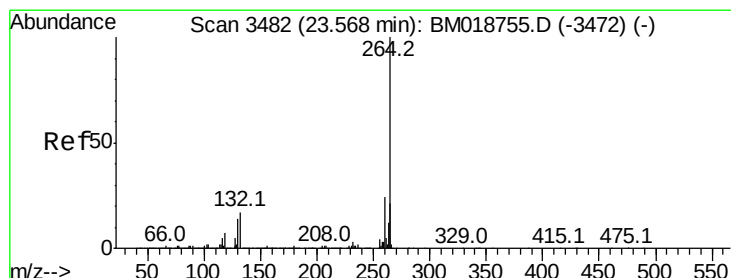
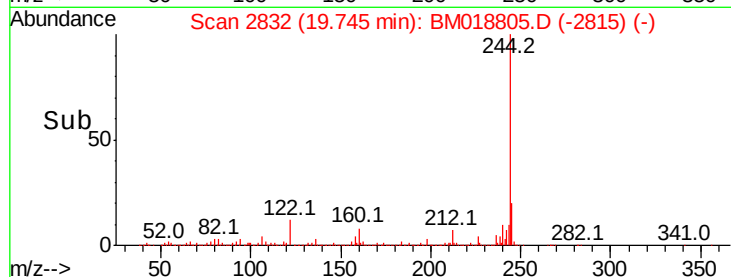
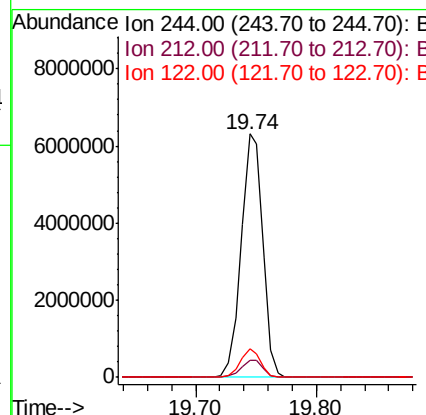
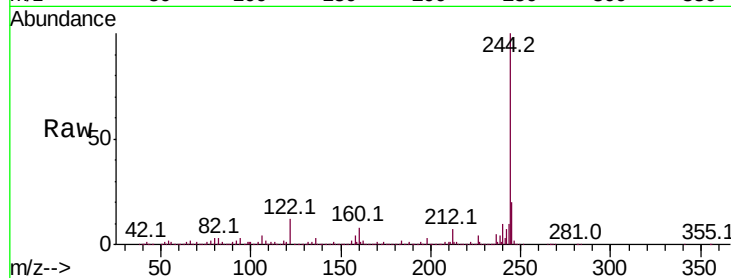


#79
 Terphenyl-d14
 Concen: 101.404 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-L

Tot Ion:244 Resp: 7879973

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.8	9.3	13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Tgt Ion:264 Resp: 1525632

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.7	17.3	25.9

