

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
 Data File : BM018707.D
 Acq On : 01 Feb 2019 15:40
 Operator : JU/SJ
 Sample : K1308-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17(34.2-34.8)

Quant Time: Feb 01 17:13:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

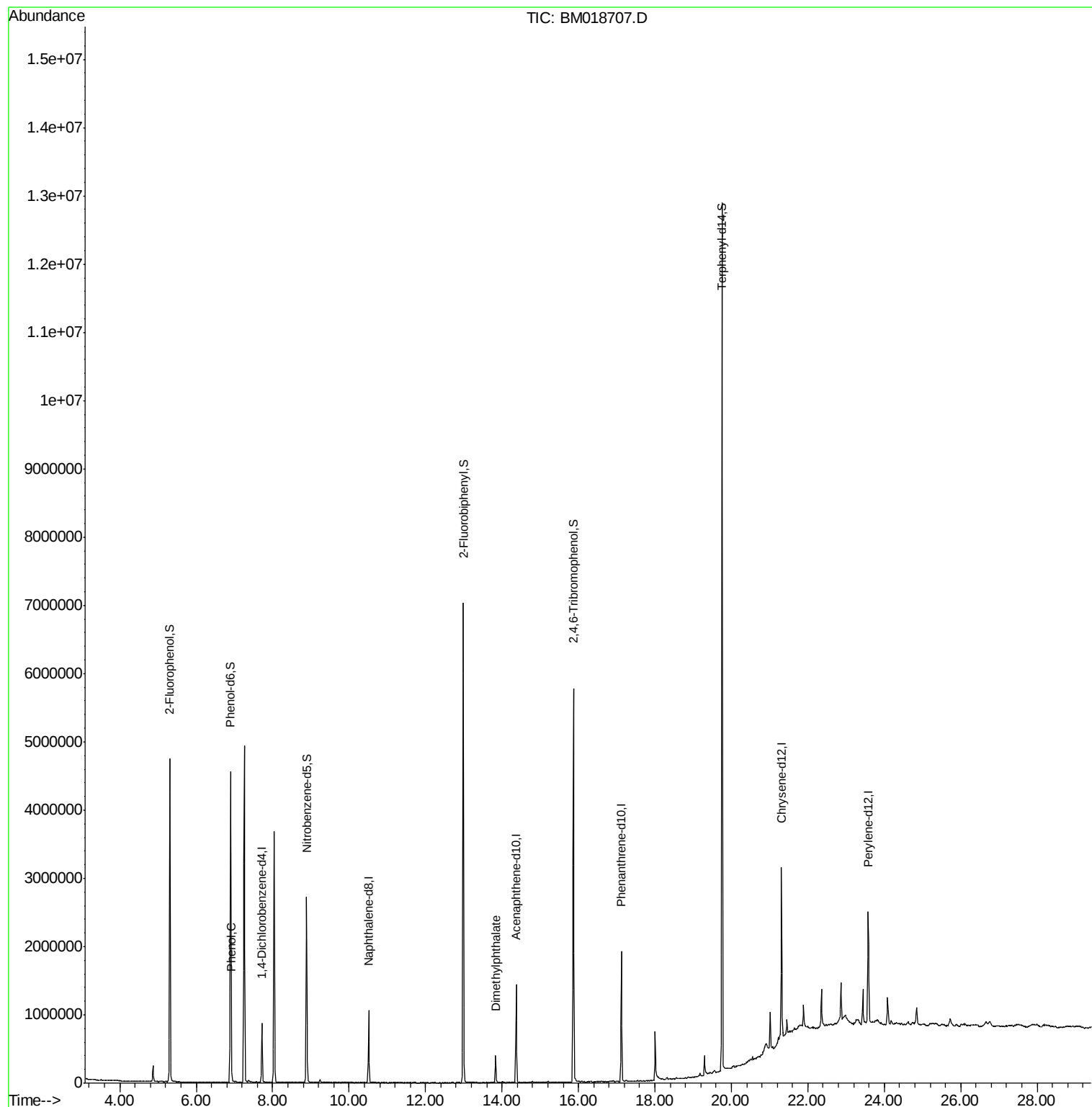
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	231007	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	892756	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	486545	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1070691	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1114300	20.00	ng	-0.02
87) Perylene-d12	23.58	264	1139127	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1947838	155.70	ng	-0.02
7) Phenol-d6	6.90	99	2494723	157.00	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1504723	97.71	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	1010231	163.07	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3604963	96.68	ng	-0.02
79) Terphenyl-d14	19.76	244	5586390	105.68	ng	-0.01
Target Compounds						
10) Phenol	6.92	94	108527	6.721	ng	95
50) Dimethylphthalate	13.83	163	272540	6.821	ng	99

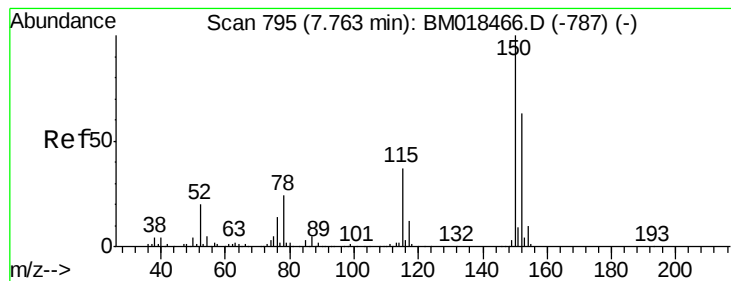
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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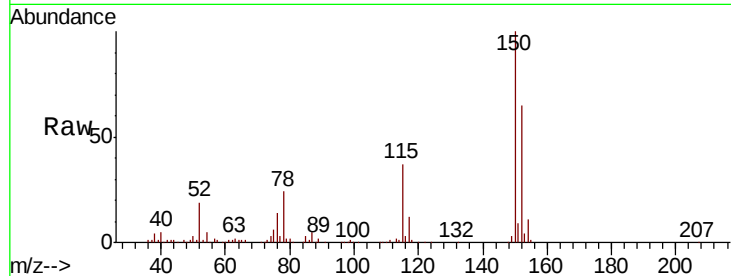


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018707.D
Acq: 01 Feb 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SB-17(34.2-34.8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	57.1	45.5	68.3

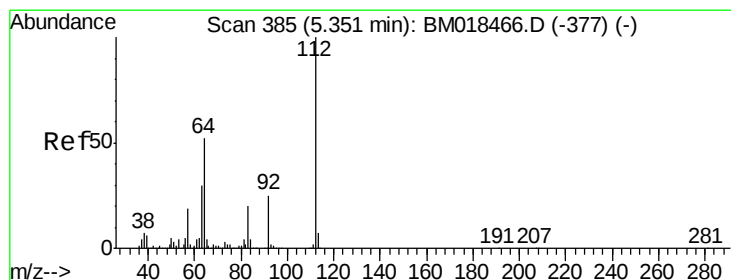
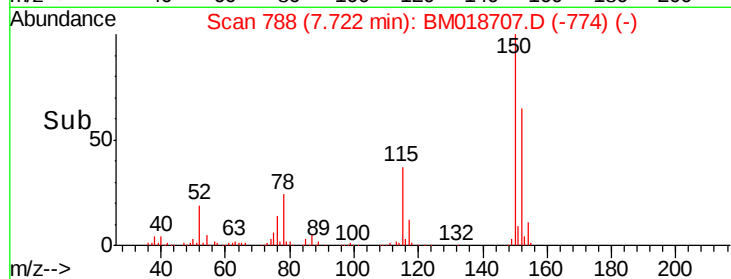
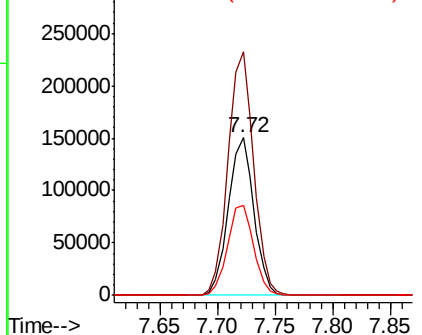


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

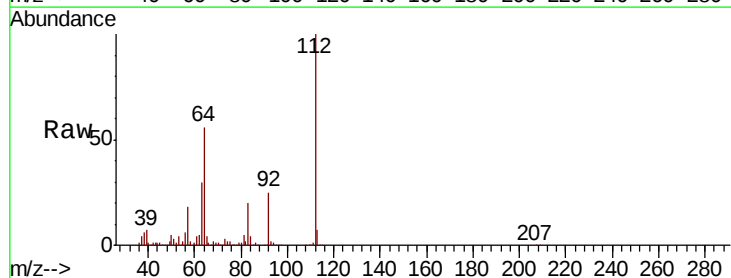
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 155.695 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018707.D
Acq: 01 Feb 2019 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.5	69.7
63	29.9	25.2	37.8

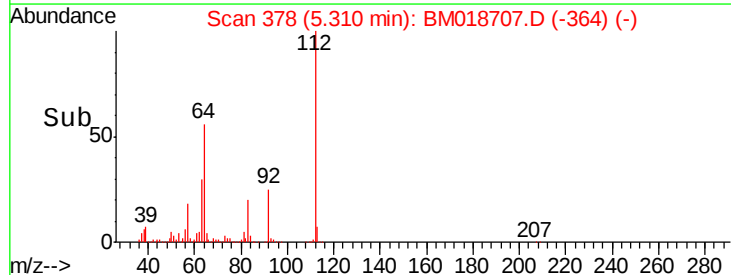
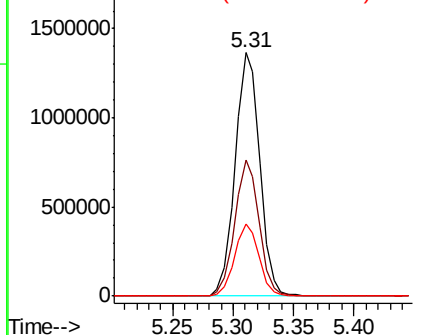


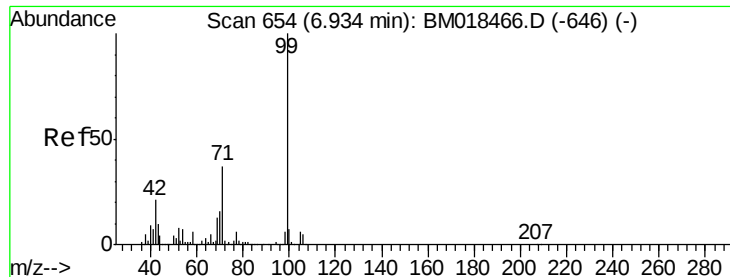
Abundance

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: 157.000 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

Instrument :

BNA_F

ClientSampleId :

SB-17(34.2-34.8)

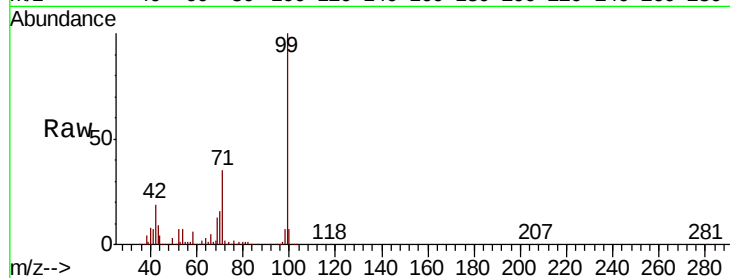
Tot Ion: 99 Resp: 2494723

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

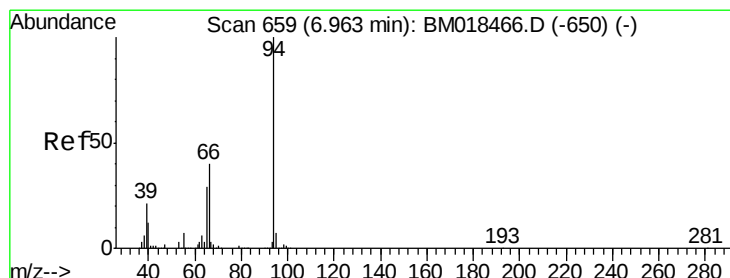
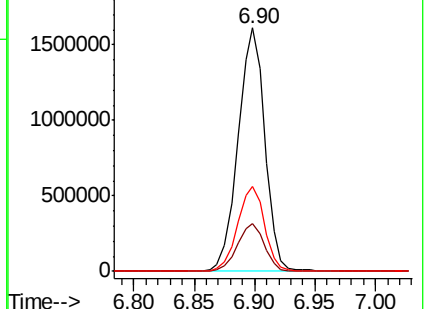
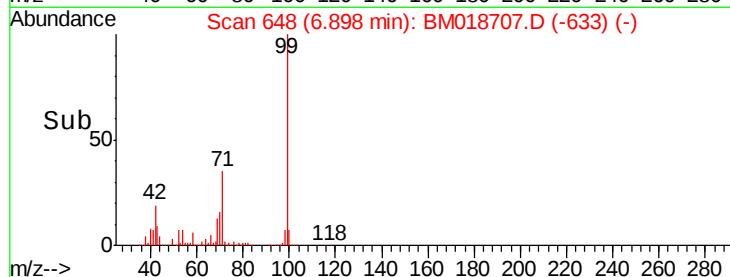
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018707.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018707.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018707.D (-633) (-)



#10

Phenol

Concen: 6.721 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

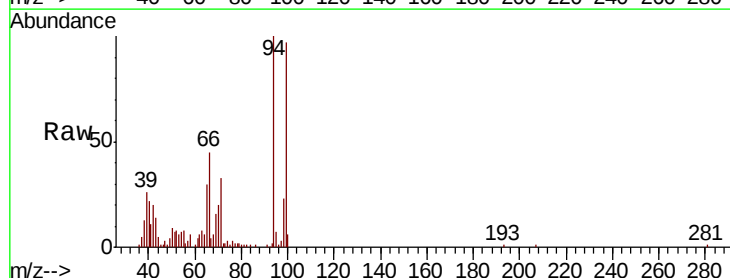
Tgt Ion: 94 Resp: 108527

Ion Ratio Lower Upper

94 100

65 29.6 9.4 49.4

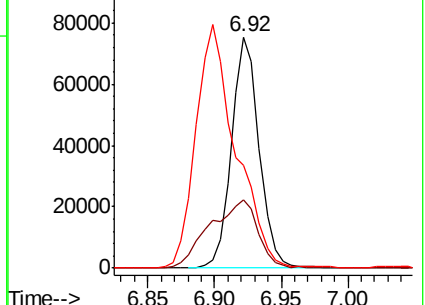
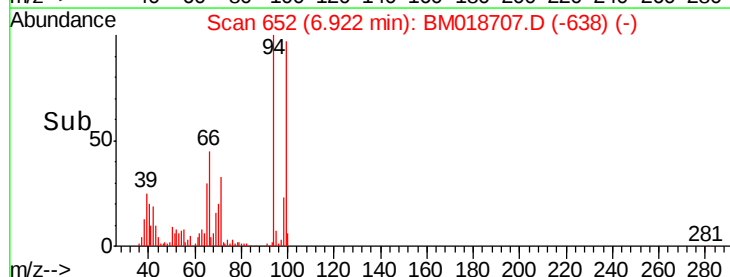
66 44.6 19.1 59.1

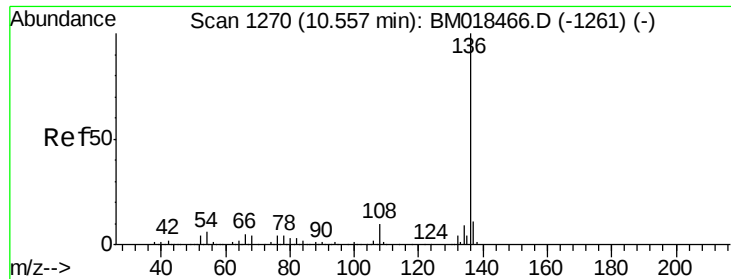


Abundance Ion 94.00 (93.70 to 94.70): BM018707.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018707.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018707.D (-638) (-)

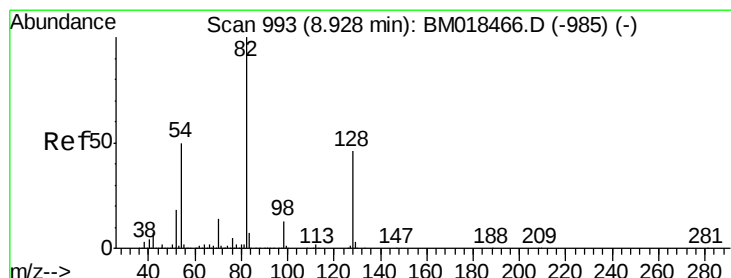
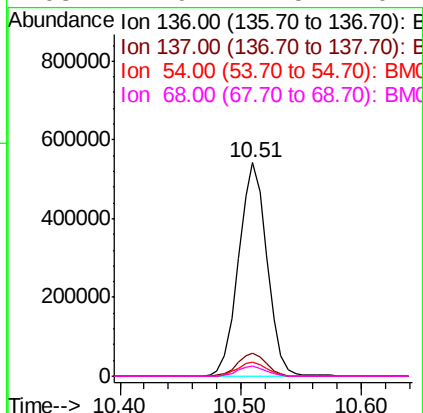
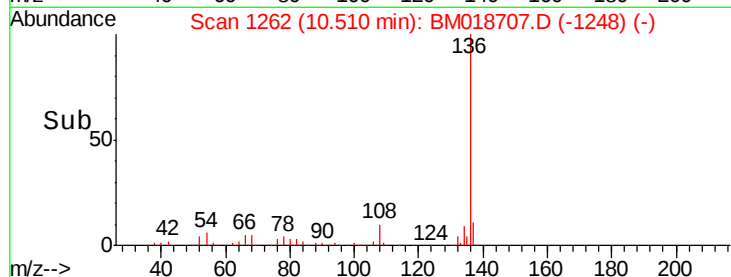
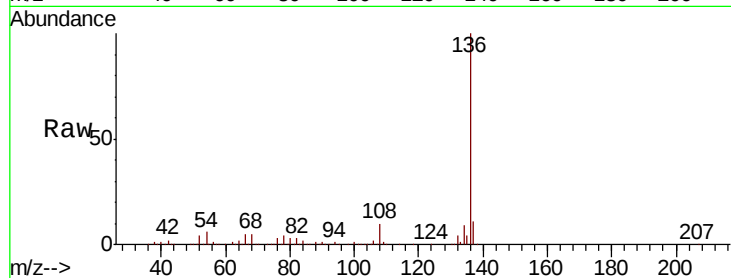




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018707.D
Acq: 01 Feb 2019 15:40

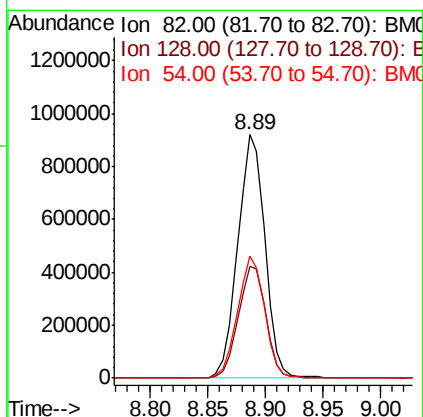
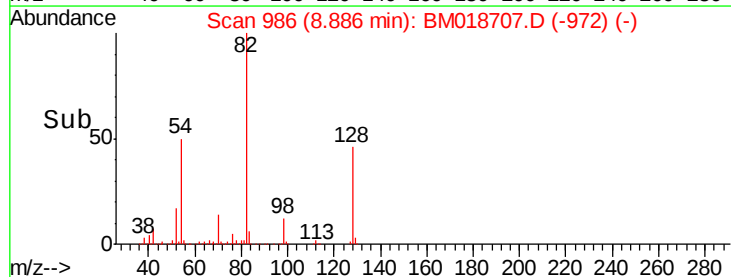
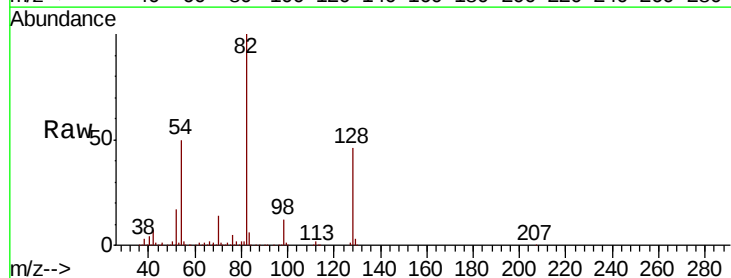
Instrument :
BNA_F
ClientSampleId :
SB-17(34.2-34.8)

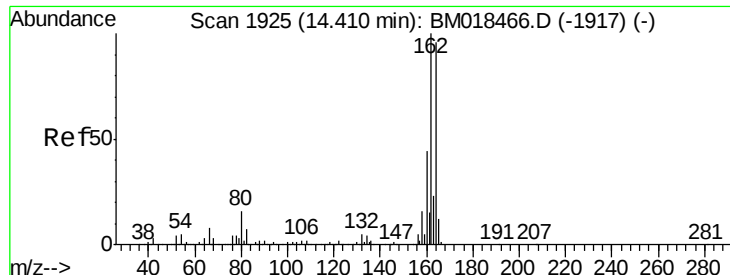
Tot Ion:136	Resp:	892756	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.5	12.7	
54 6.4	6.0	9.0	
68 4.9	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 97.709 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018707.D
Acq: 01 Feb 2019 15:40

Tgt Ion: 82	Resp: 1504723
Ion Ratio	Lower Upper
82 100	
128 45.9	36.3 54.5
54 50.0	41.7 62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

Instrument :

BNA_F

ClientSampleId :

SB-17(34.2-34.8)

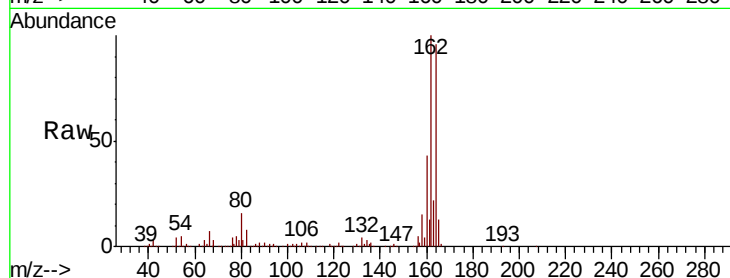
Tot Ion:164 Resp: 486545

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

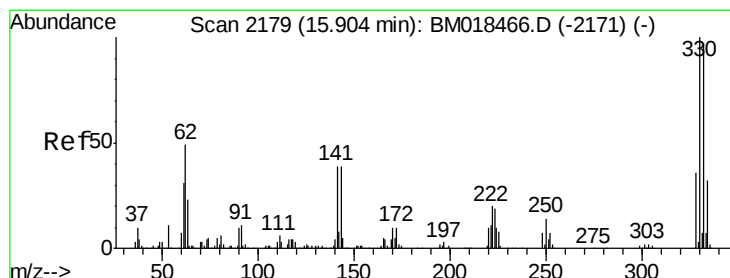
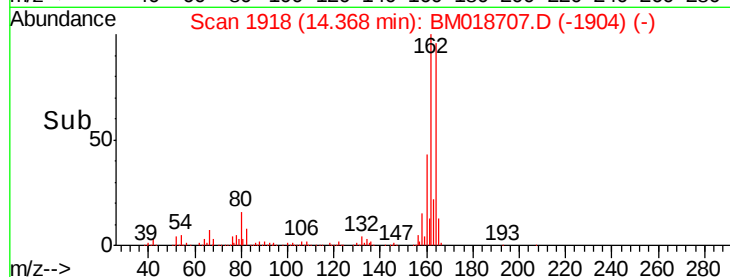
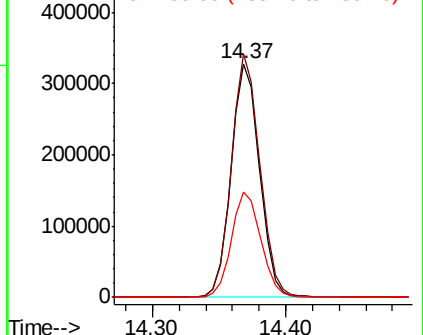
160 45.1 37.1 55.7



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: 163.070 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

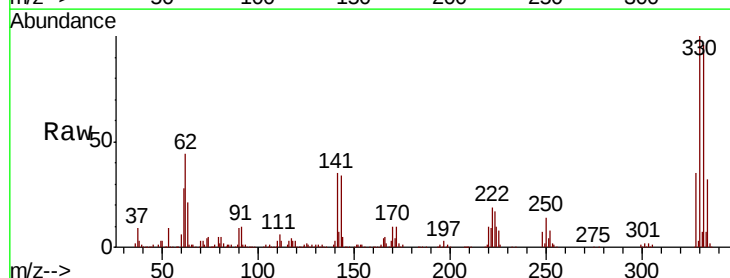
Tgt Ion:330 Resp: 1010231

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

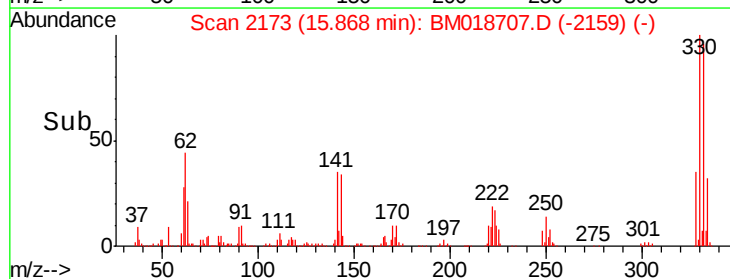
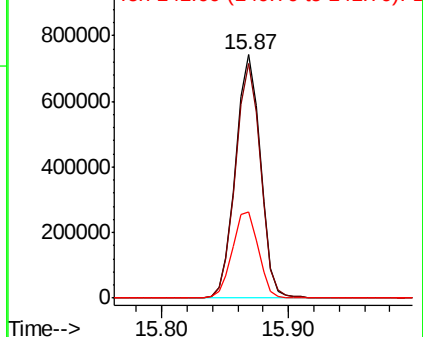
141 37.1 31.7 47.5

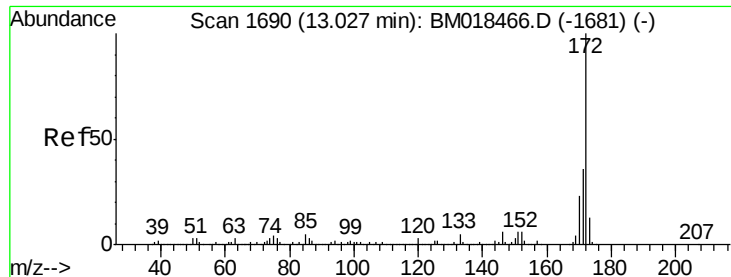


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



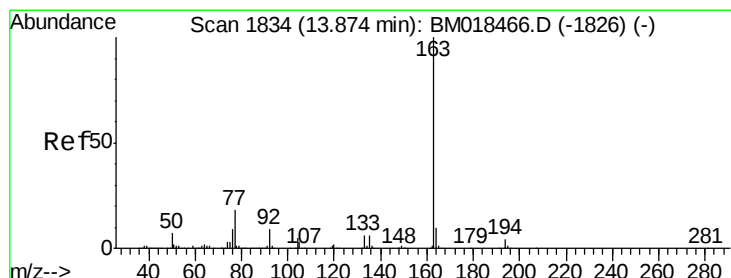
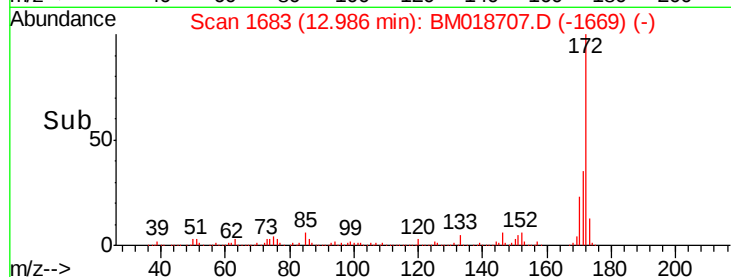
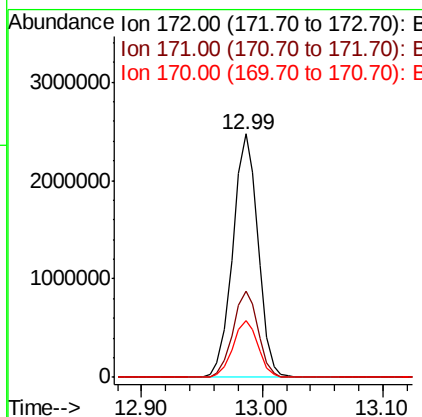
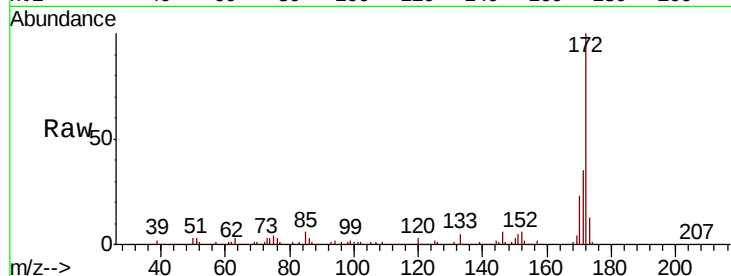


#45
 2-Fluorobiphenyl
 Concen: 96.681 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM018707.D
 Acq: 01 Feb 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-17(34.2-34.8)

Tot Ion:172 Resp: 3604963

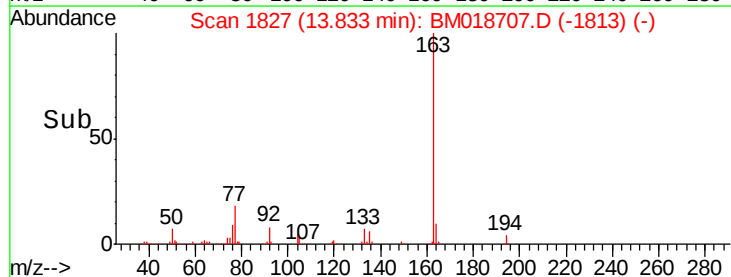
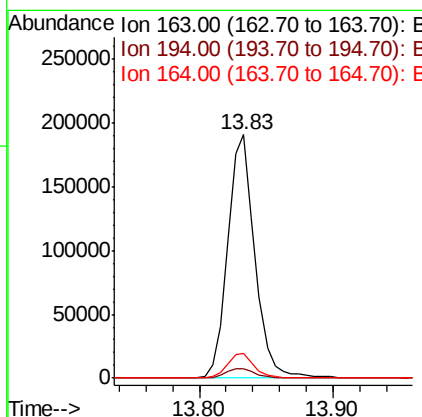
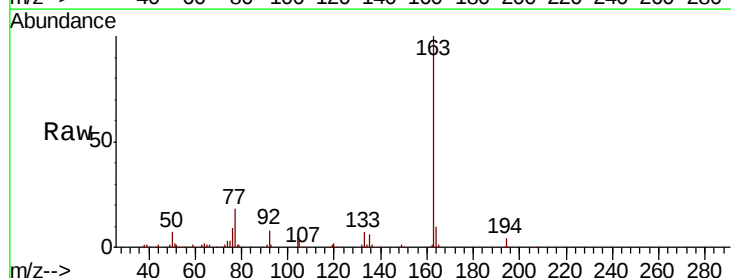
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.1	18.9	28.3

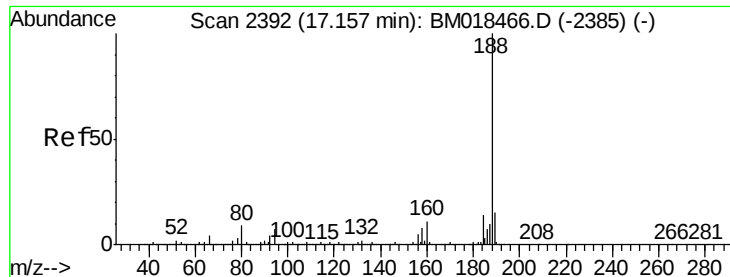


#50
 Dimethylphthalate
 Concen: 6.821 ng
 RT: 13.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BM018707.D
 Acq: 01 Feb 2019 15:40

Tgt Ion:163 Resp: 272540

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	7.8	11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

Instrument :

BNA_F

ClientSampleId :

SB-17(34.2-34.8)

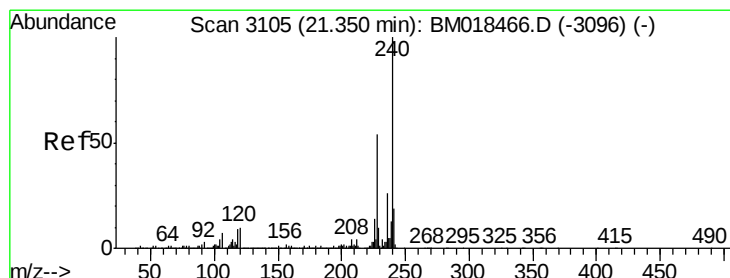
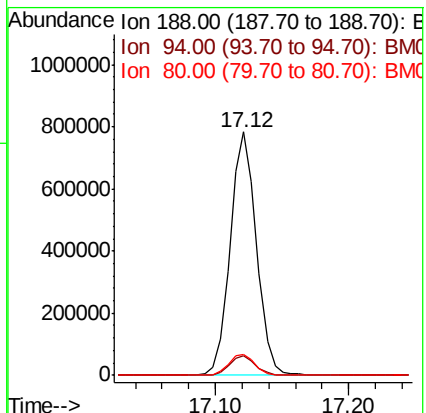
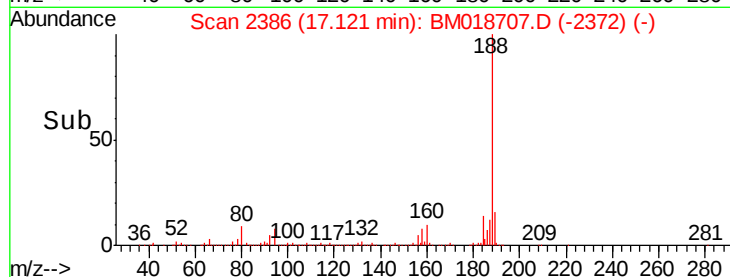
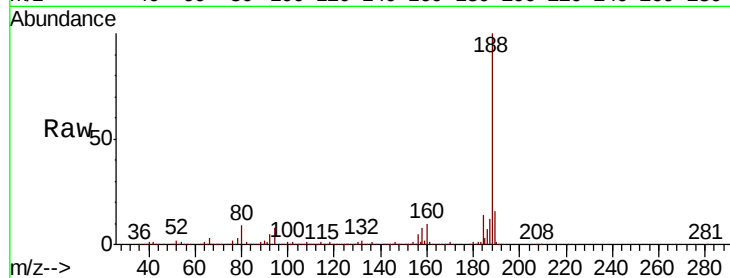
Tot Ion:188 Resp: 1070691

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

80 8.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

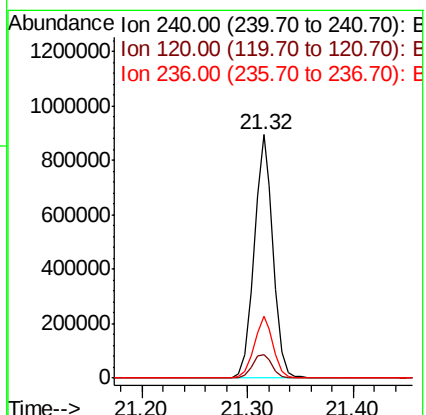
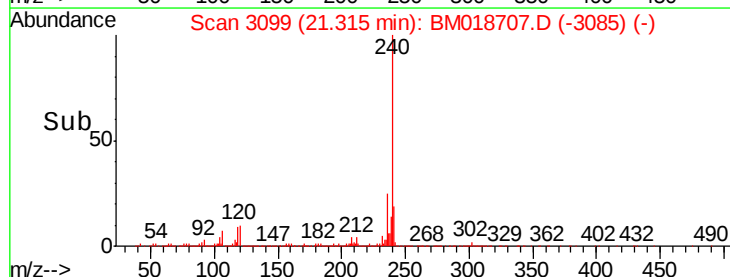
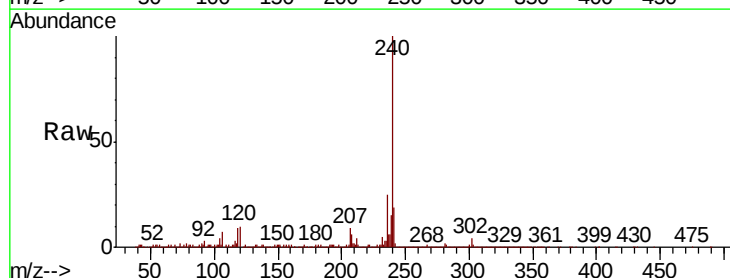
Tgt Ion:240 Resp: 1114300

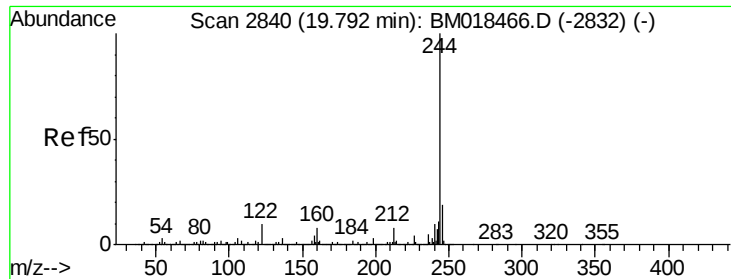
Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 105.683 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

Instrument :

BNA_F

ClientSampleId :

SB-17(34.2-34.8)

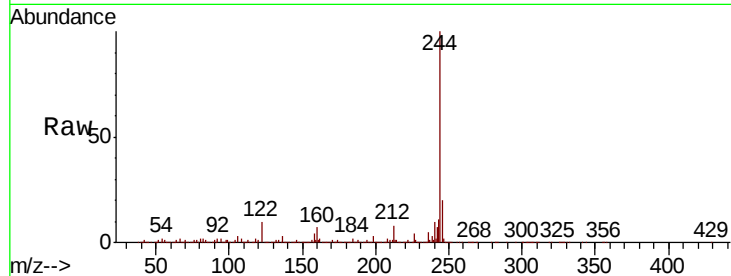
Tot Ion:244 Resp: 5586390

Ion Ratio Lower Upper

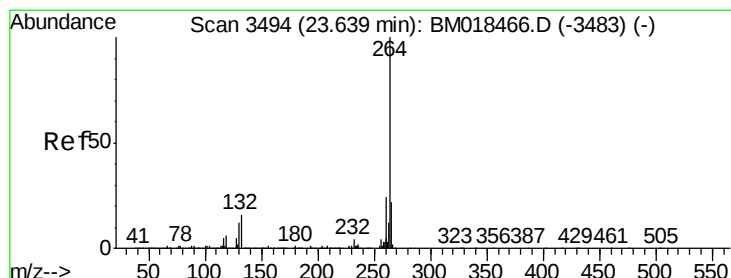
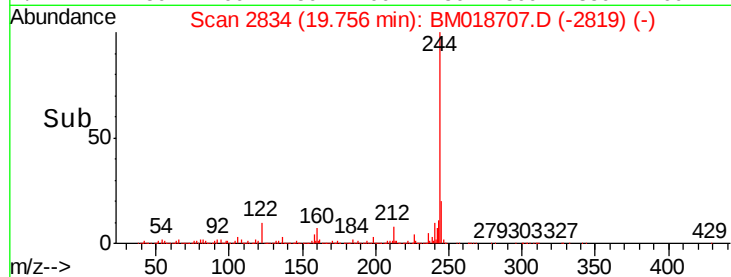
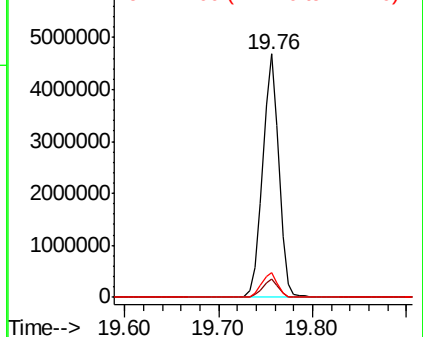
244 100

212 7.5 5.9 8.9

122 10.1 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.58 min Scan# 3484

Delta R.T. -0.02 min

Lab File: BM018707.D

Acq: 01 Feb 2019 15:40

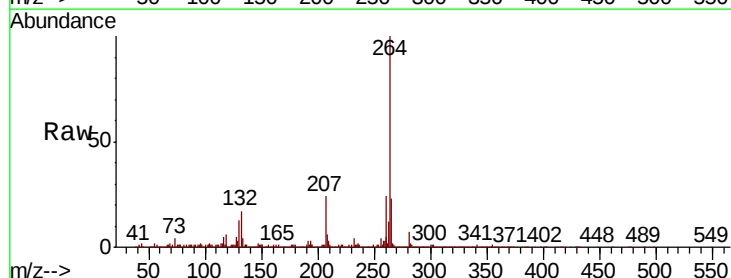
Tgt Ion:264 Resp: 1139127

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.5 16.8 25.2



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

