

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019154.D
 Acq On : 13 Mar 2019 20:06
 Operator : JU/SJ
 Sample : K1861-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF-10-031119

Quant Time: Mar 14 06:56:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

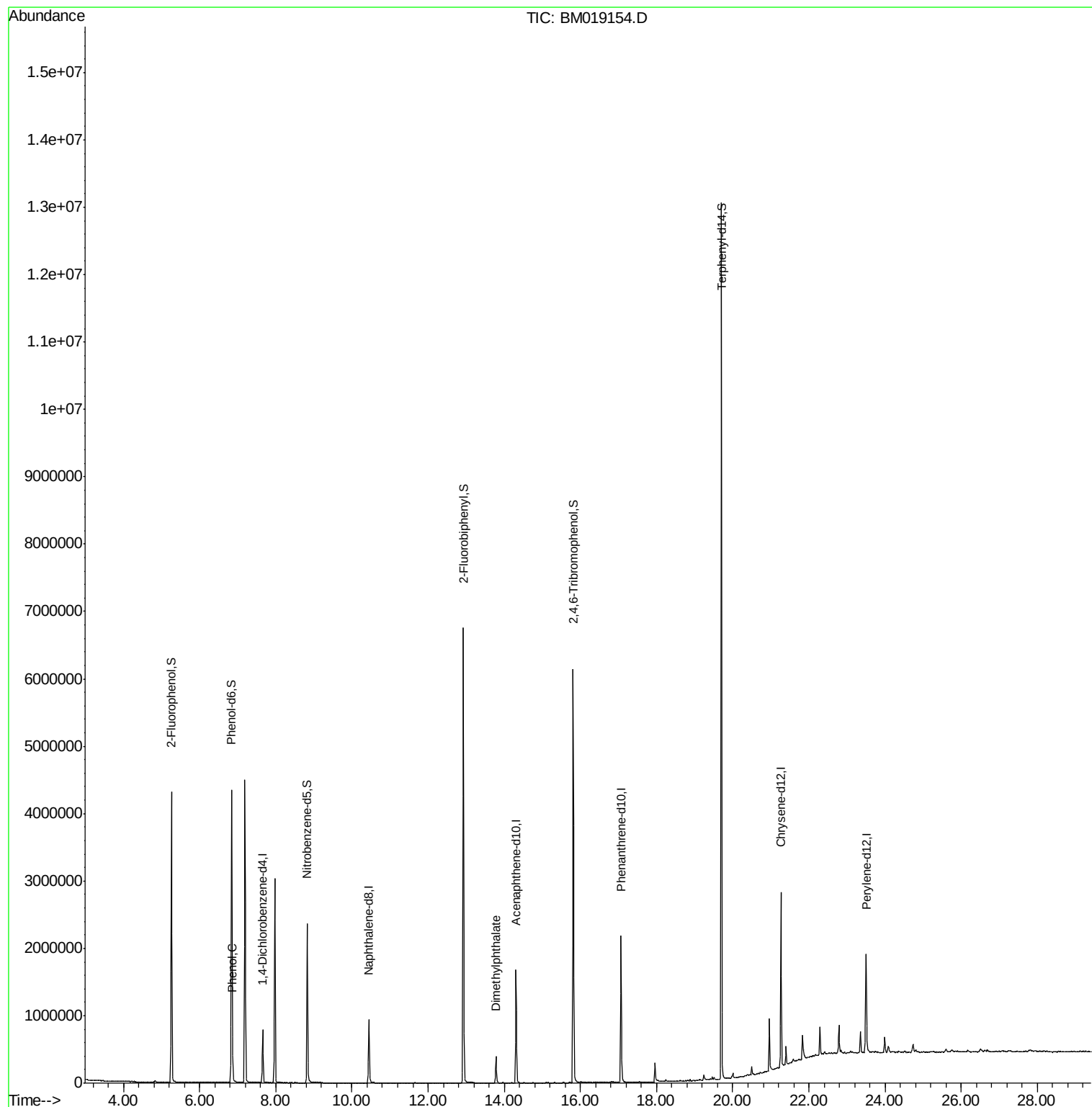
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	196731	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	809216	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	532481	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1267335	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1174031	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1041127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1727564	142.21	ng	0.00
7) Phenol-d6	6.84	99	2535010	142.67	ng	0.00
23) Nitrobenzene-d5	8.83	82	1523427	88.99	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1170555	148.89	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3355440	81.97	ng	0.00
79) Terphenyl-d14	19.70	244	5598271	94.66	ng	0.00
Target Compounds						
10) Phenol	6.87	94	130373	6.808	ng	96
50) Dimethylphthalate	13.78	163	281092	6.171	ng	99

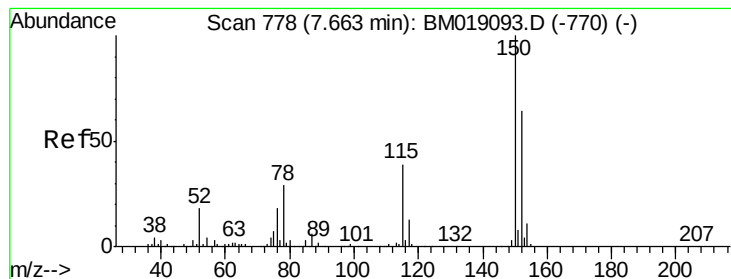
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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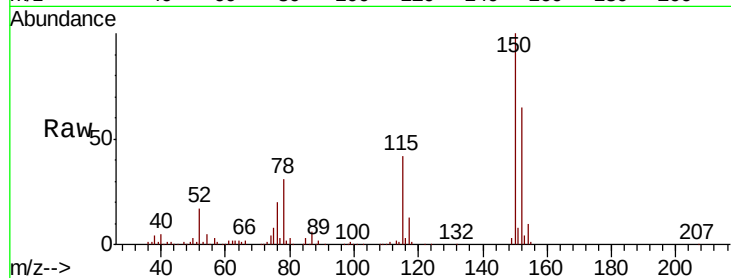


#1

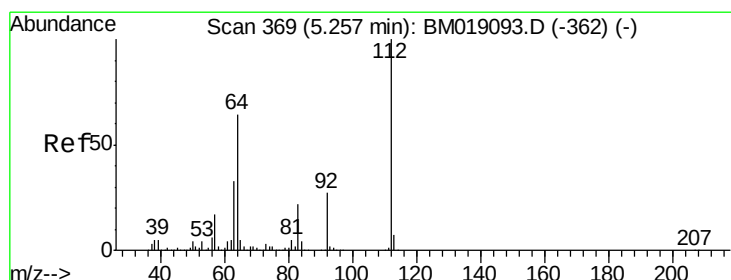
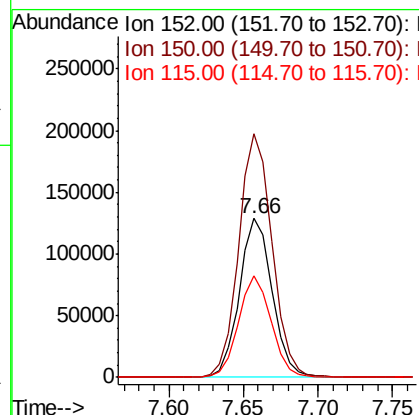
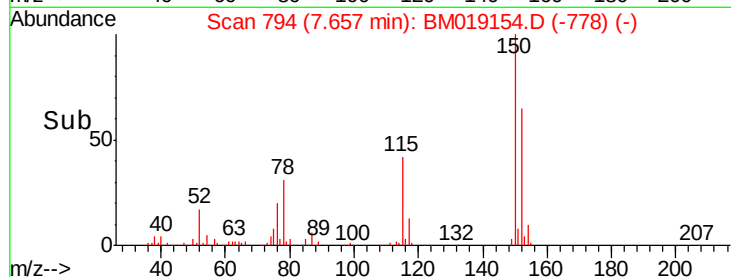
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019154.D
Acq: 13 Mar 2019 20:06

Instrument :
BNA_M
ClientSampleId :
BF-10-031119

Tot Ion:152 Resp: 196731
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 63.7 49.4 74.0



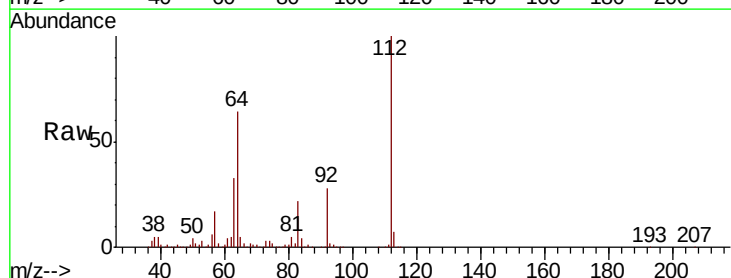
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



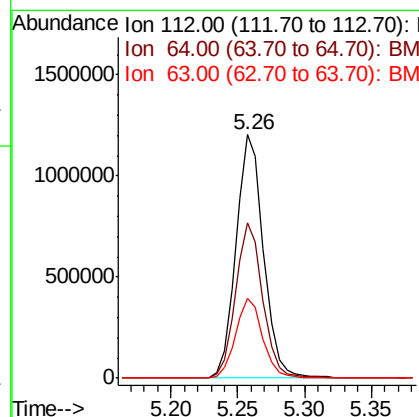
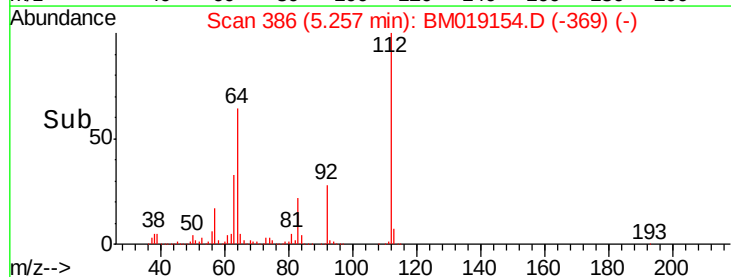
#5

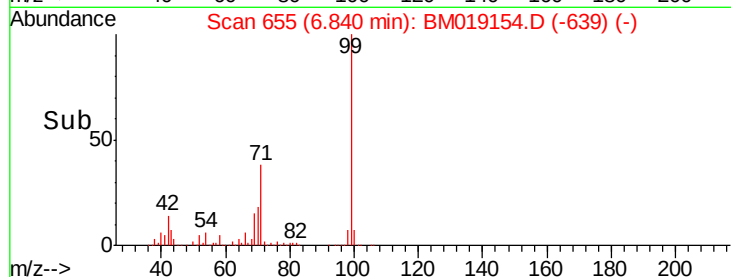
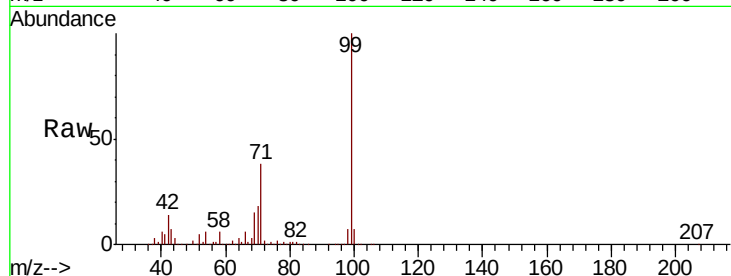
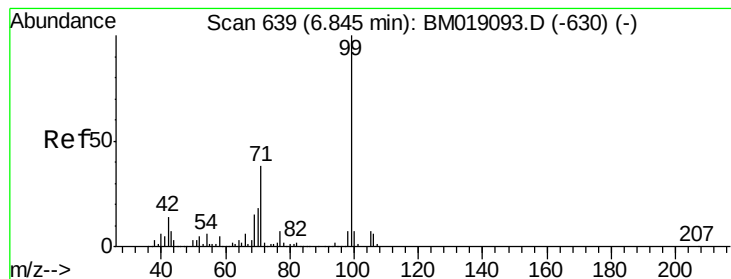
2-Fluorophenol
Concen: 142.212 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019154.D
Acq: 13 Mar 2019 20:06

Tgt Ion:112 Resp: 1727564
Ion Ratio Lower Upper
112 100
64 63.9 51.4 77.0
63 32.9 26.6 40.0



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: 142.667 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

Instrument :

BNA_M

ClientSampleId :

BF-10-031119

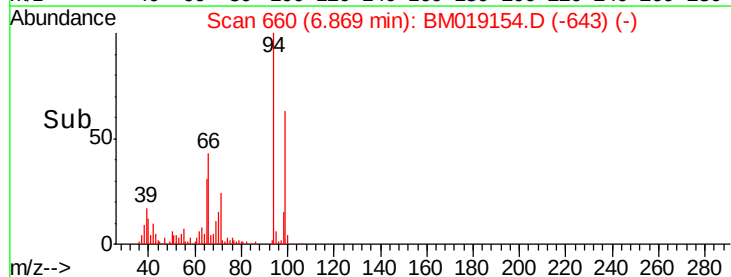
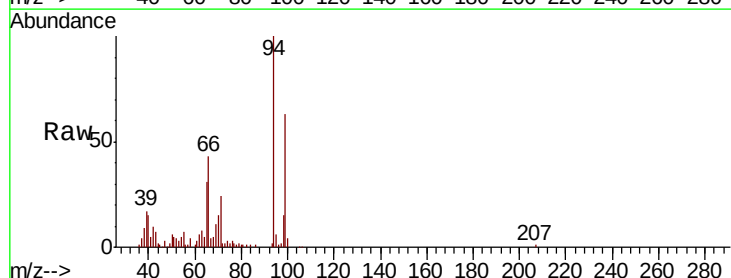
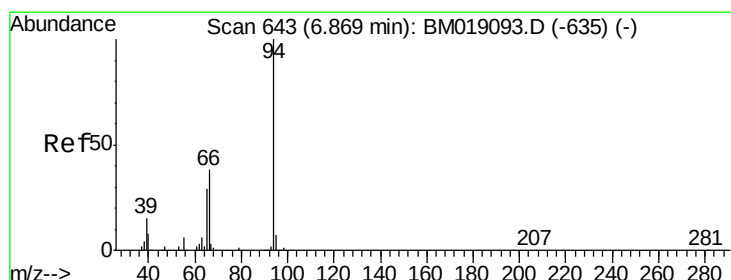
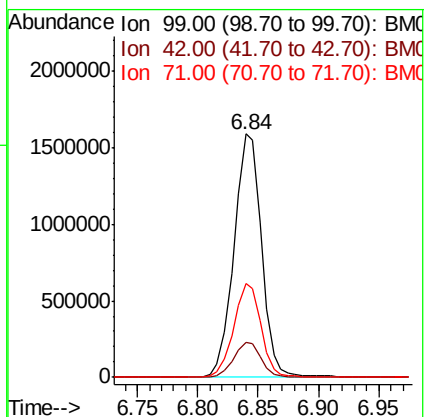
Tot Ion: 99 Resp: 2535010

Ion Ratio Lower Upper

99 100

42 14.4 10.9 16.3

71 38.3 30.3 45.5



#10

Phenol

Concen: 6.808 ng

RT: 6.87 min Scan# 660

Delta R.T. 0.00 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

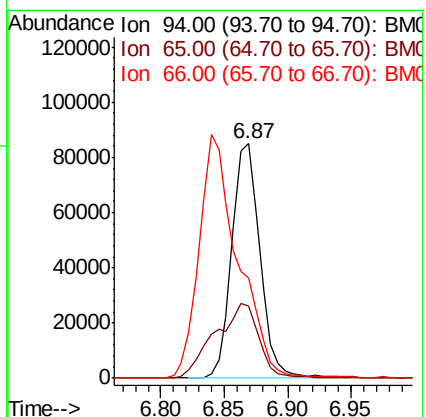
Tgt Ion: 94 Resp: 130373

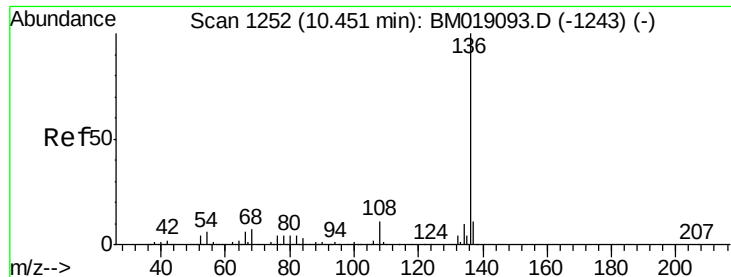
Ion Ratio Lower Upper

94 100

65 31.0 9.7 49.7

66 42.8 19.2 59.2

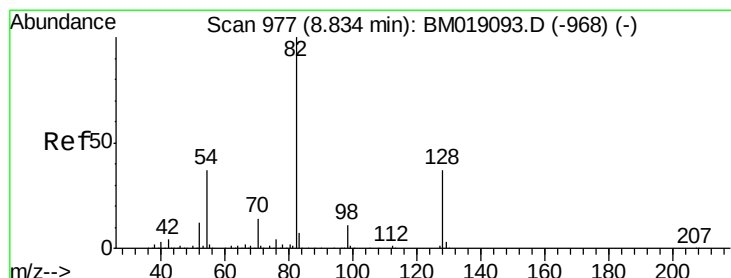
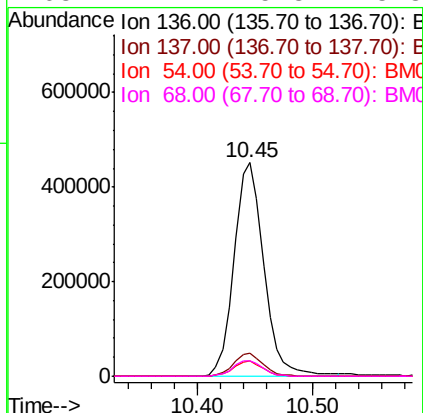
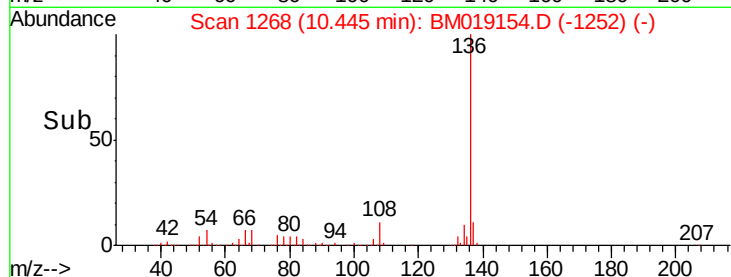
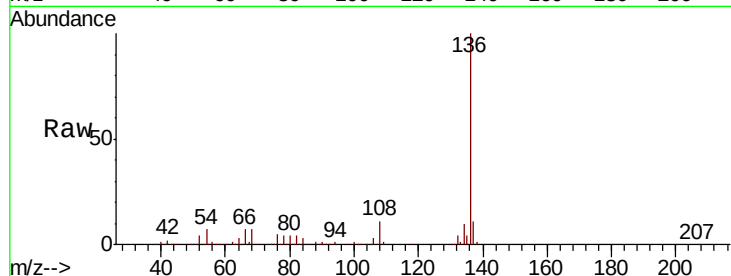




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM019154.D
Acq: 13 Mar 2019 20:06

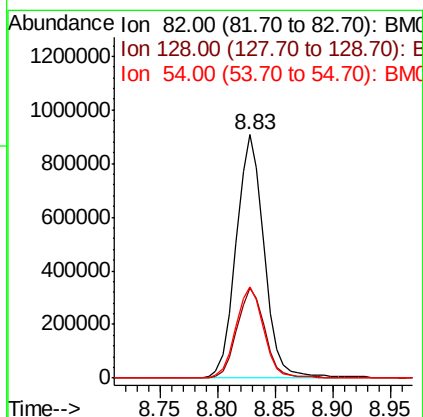
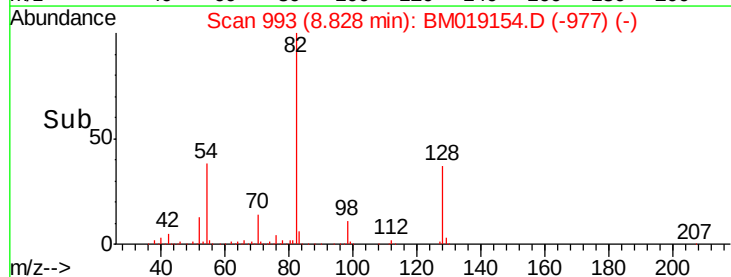
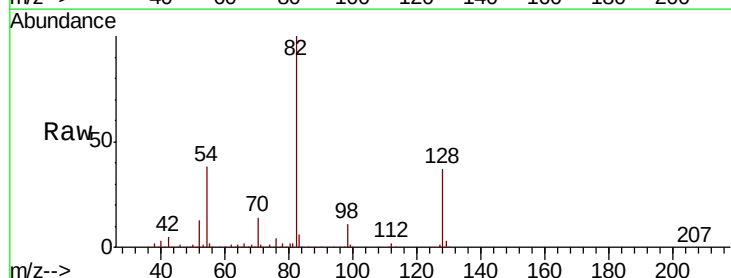
Instrument :
BNA_M
ClientSampleId :
BF-10-031119

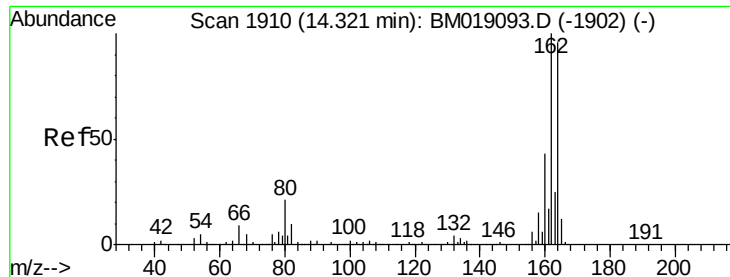
Tot Ion:136	Resp:	809216	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.6	13.0	
54 7.1	5.2	7.8	
68 7.1	5.8	8.8	



#23
Nitrobenzene-d5
Concen: 88.991 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019154.D
Acq: 13 Mar 2019 20:06

Tgt Ion: 82	Resp: 1523427
Ion Ratio	Lower Upper
82 100	
128 37.2	29.4 44.2
54 37.7	29.9 44.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

Instrument :

BNA_M

ClientSampleId :

BF-10-031119

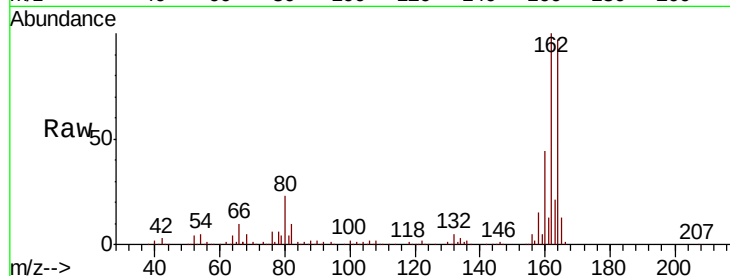
Tot Ion:164 Resp: 532481

Ion Ratio Lower Upper

164 100

162 103.5 83.5 125.3

160 45.8 36.3 54.5

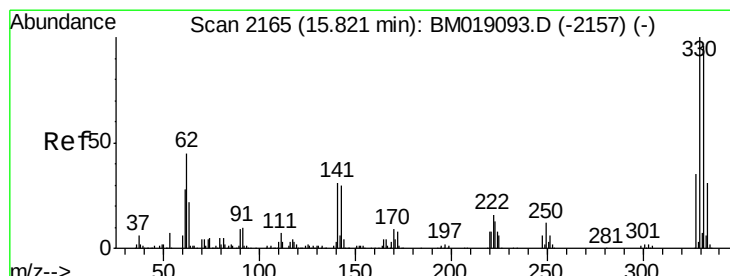
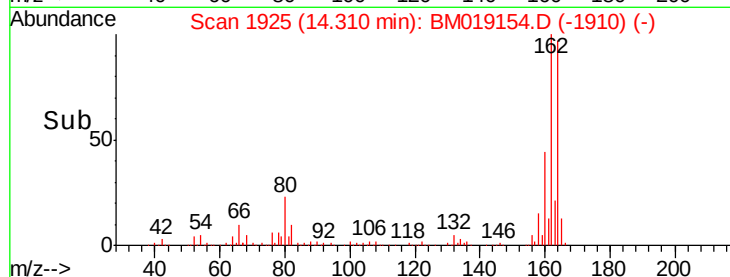
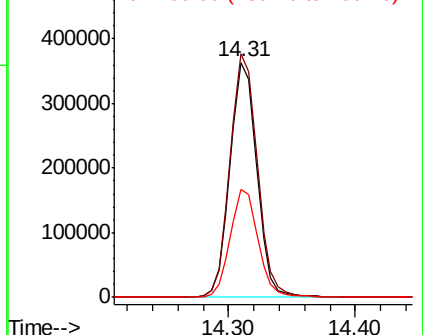


Abundance

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: 148.890 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

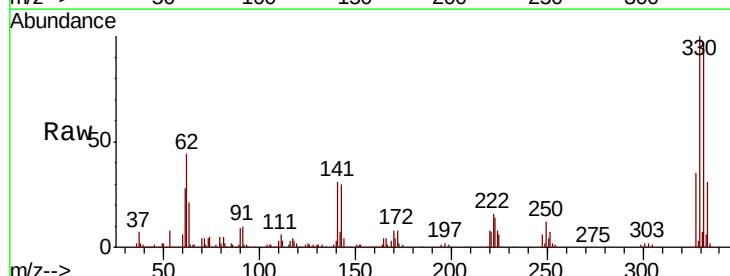
Tgt Ion:330 Resp: 1170555

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 33.6 27.0 40.4

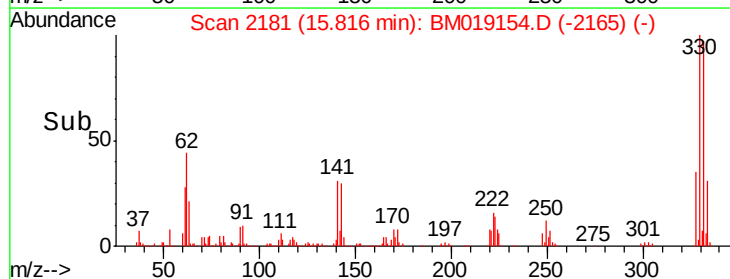
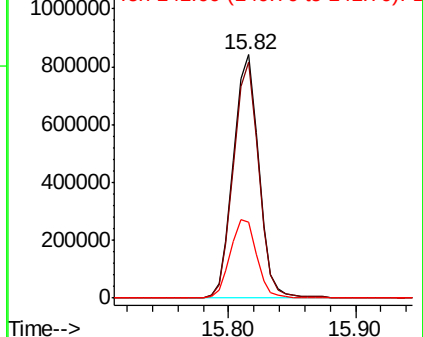


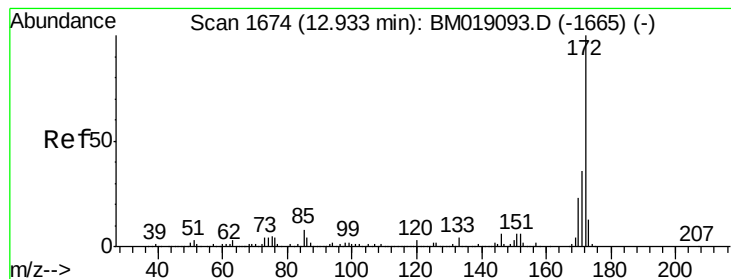
Abundance

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: 81.968 ng

RT: 12.93 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

Instrument :

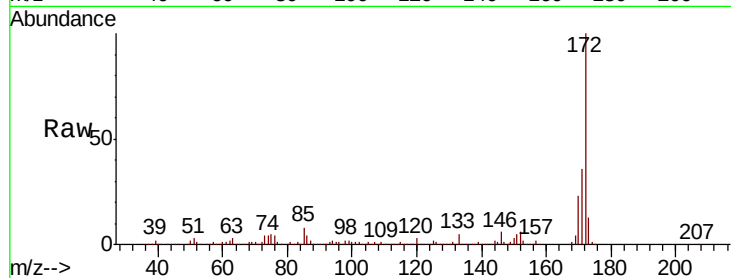
BNA_M

ClientSampleId :

BF-10-031119

Tot Ion:172 Resp: 3355440

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.2	18.6	28.0

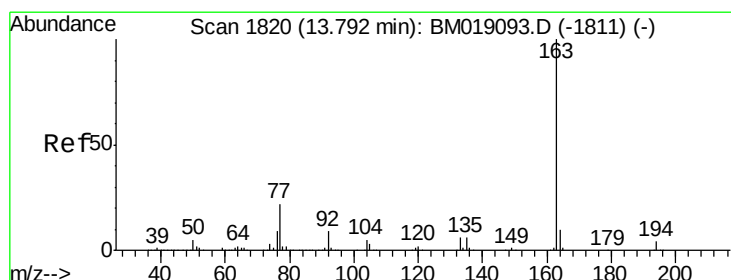
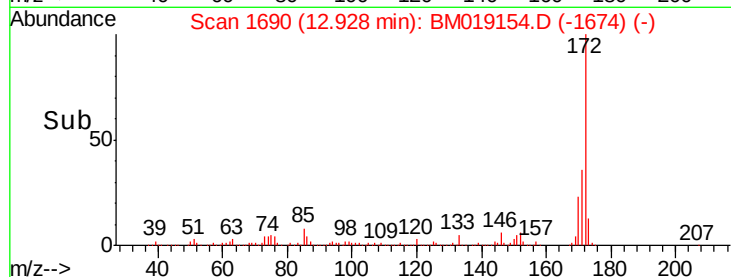
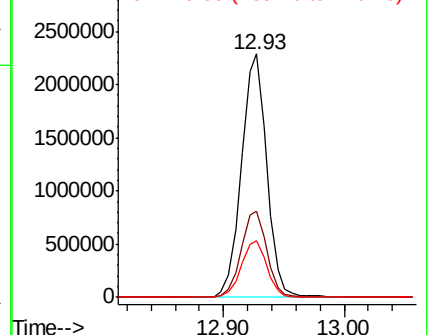


Abundance

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



#50

Dimethylphthalate

Concen: 6.171 ng

RT: 13.78 min Scan# 1835

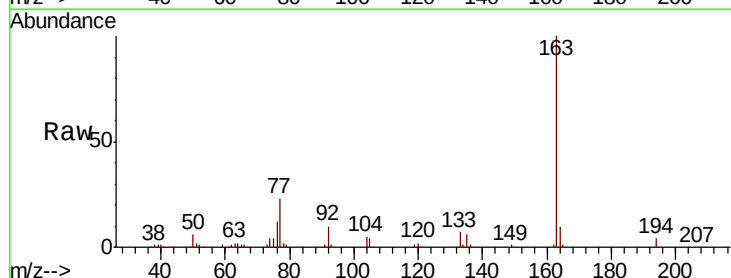
Delta R.T. -0.01 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

Tgt Ion:163 Resp: 281092

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	7.7	11.5

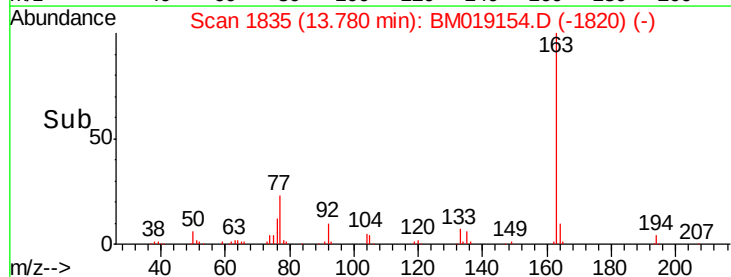
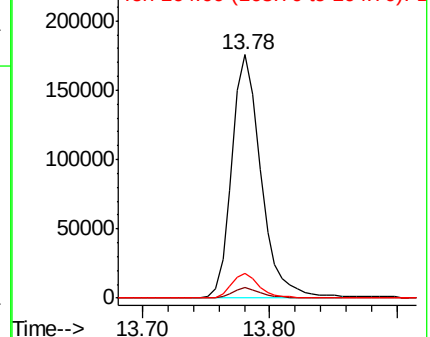


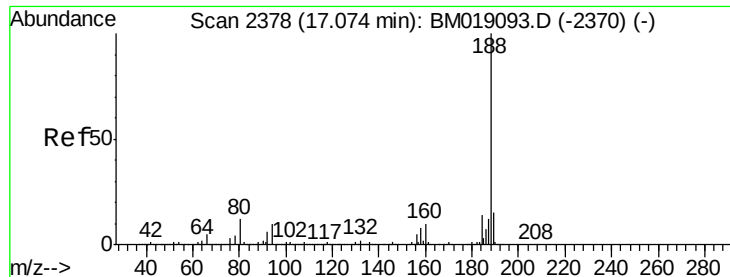
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

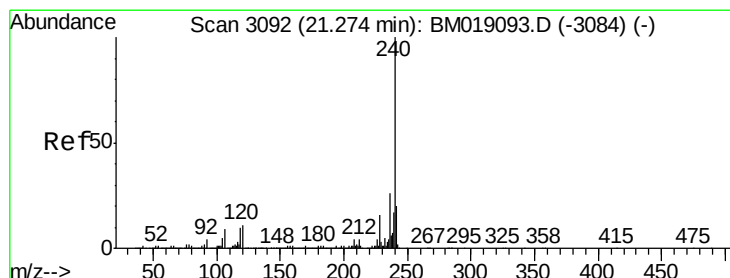
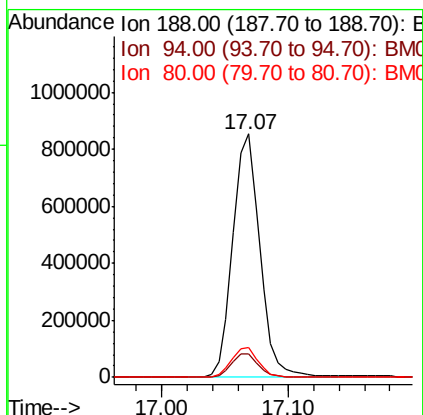
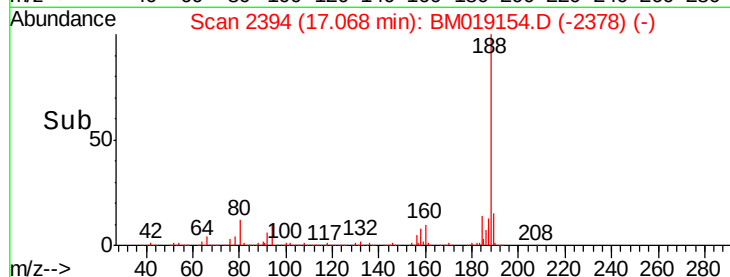
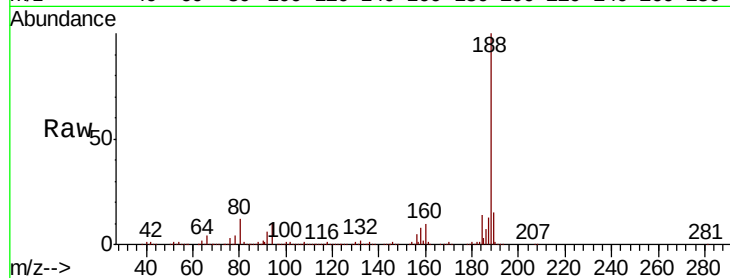




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019154.D
Acq: 13 Mar 2019 20:06

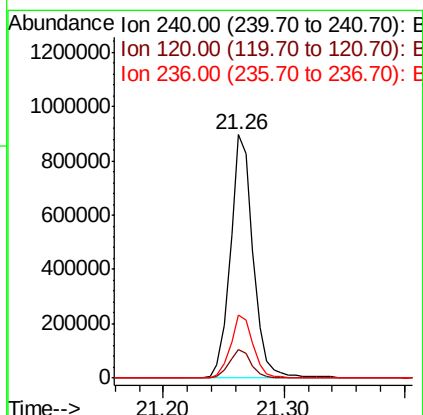
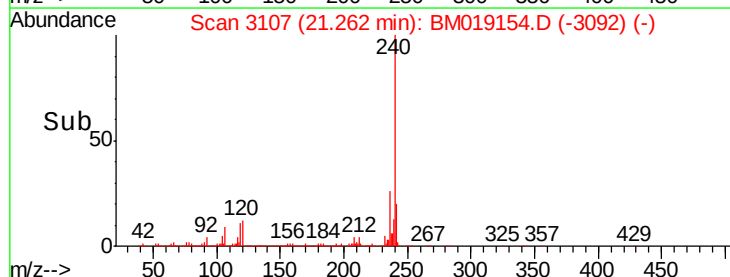
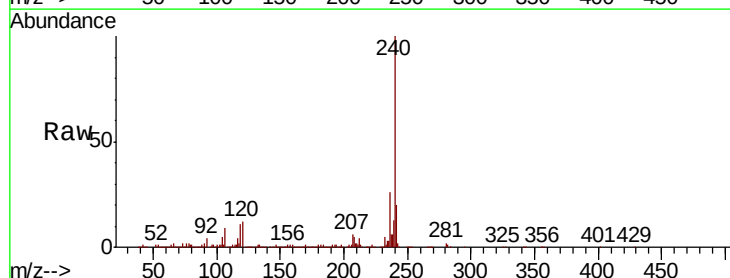
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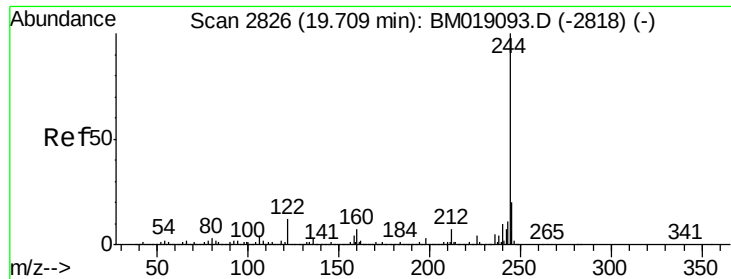
Tot Ion:188 Resp: 1267335
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 12.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019154.D
Acq: 13 Mar 2019 20:06

Tgt Ion:240 Resp: 1174031
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 94.664 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

Instrument :

BNA_M

ClientSampleId :

BF-10-031119

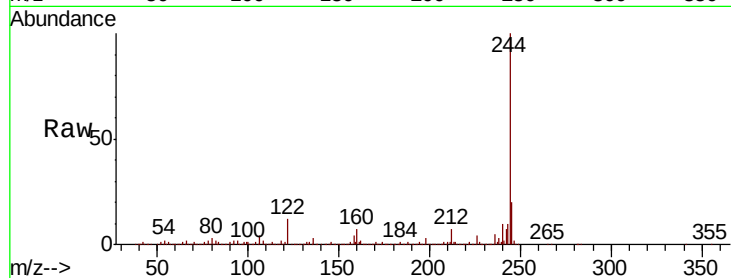
Tot Ion:244 Resp: 5598271

Ion Ratio Lower Upper

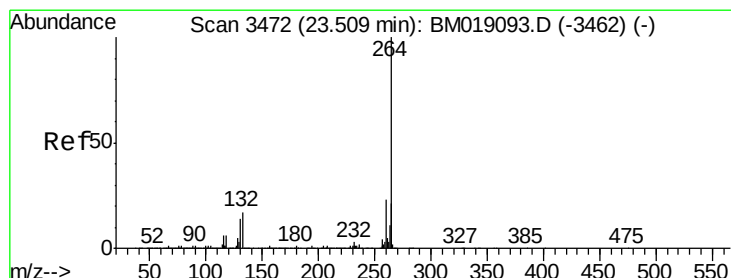
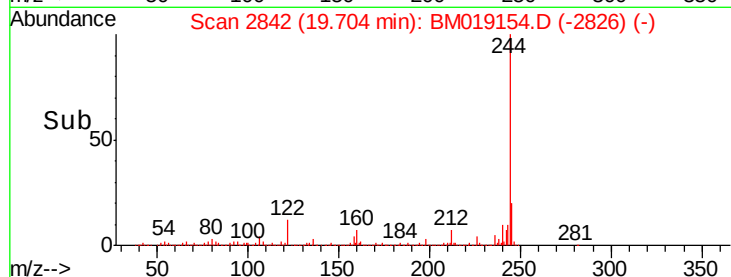
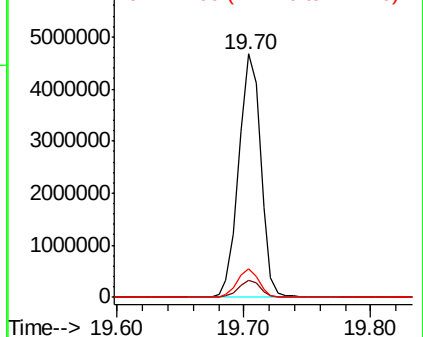
244 100

212 6.9 5.4 8.2

122 11.5 9.4 14.2



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: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019154.D

Acq: 13 Mar 2019 20:06

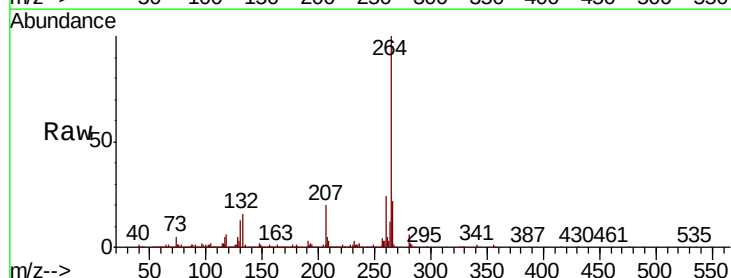
Tgt Ion:264 Resp: 1041127

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.8 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

