

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
 Data File : BM022209.D
 Acq On : 20 Aug 2019 13:09
 Operator : HP/JU
 Sample : K4332-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0618-SITE-WATER-38TH-ST

Quant Time: Aug 20 23:58:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

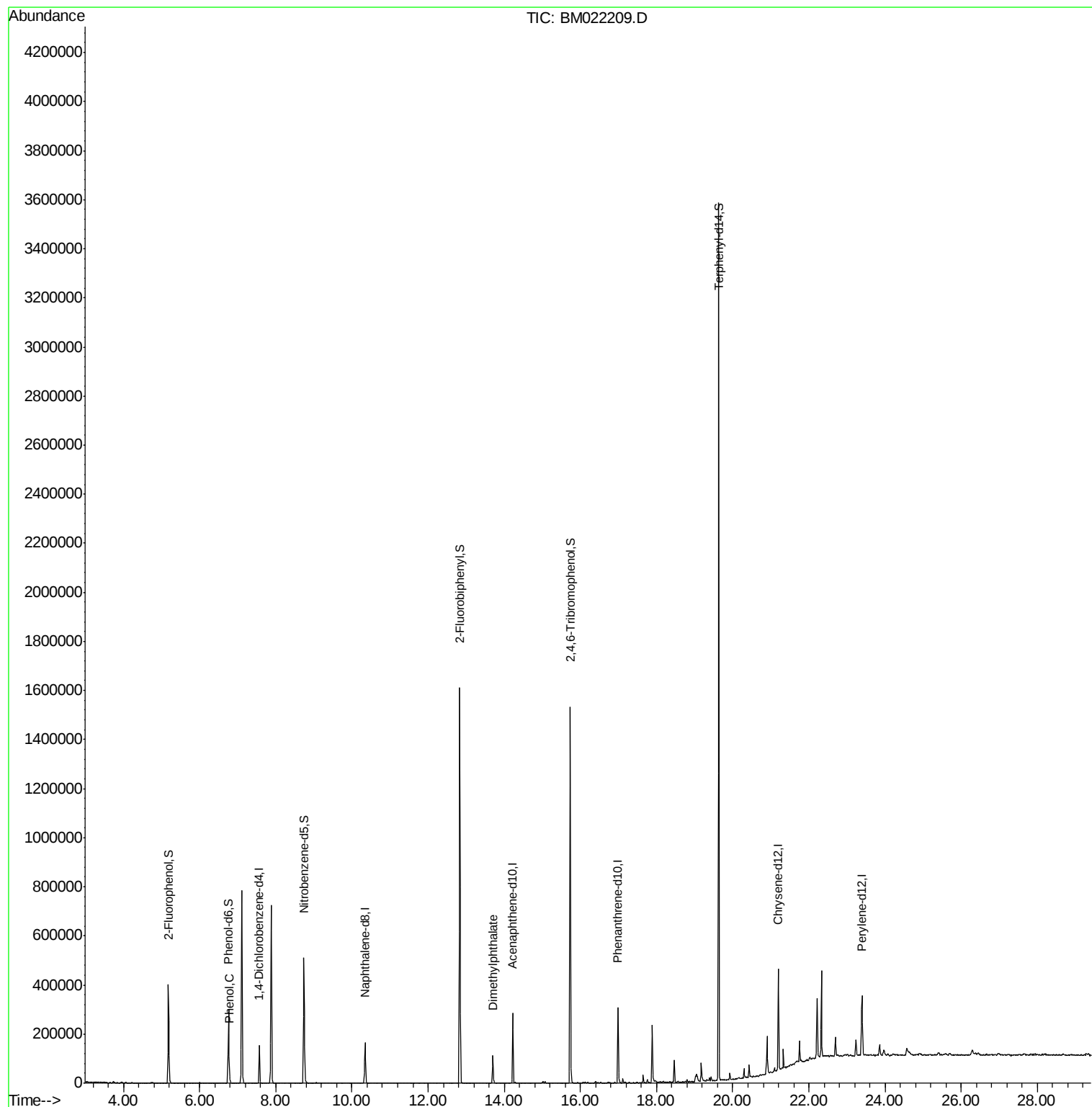
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	34151	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	130508	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	85555	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	179804	20.00	ng	0.00
76) Chrysene-d12	21.20	240	170936	20.00	ng	0.00
87) Perylene-d12	23.40	264	178594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	144408	75.35	ng	0.00
7) Phenol-d6	6.76	99	141093	55.28	ng	0.00
23) Nitrobenzene-d5	8.74	82	276798	103.16	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	236449	170.75	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	703707	102.73	ng	0.00
79) Terphenyl-d14	19.63	244	1360129	115.94	ng	0.00
Target Compounds						
10) Phenol	6.79	94	7995	2.959	ng	Qvalue # 66
50) Dimethylphthalate	13.70	163	71015	9.873	ng	98

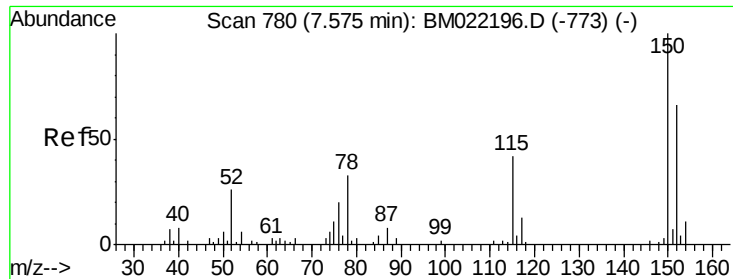
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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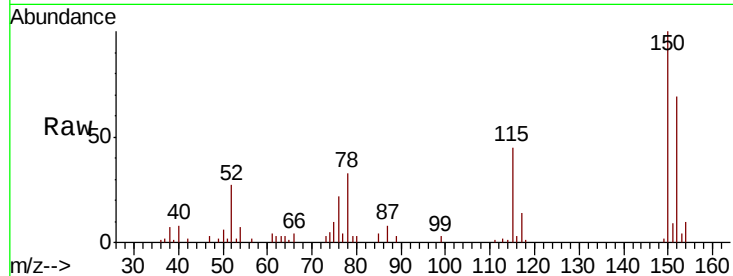


#1

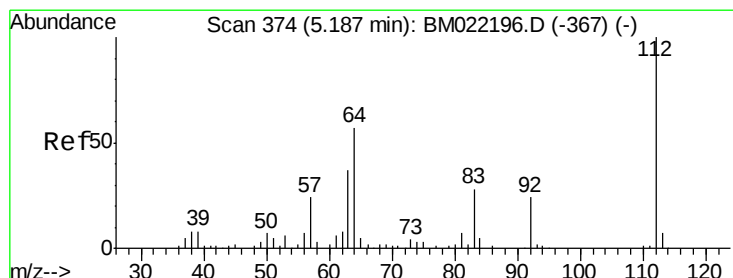
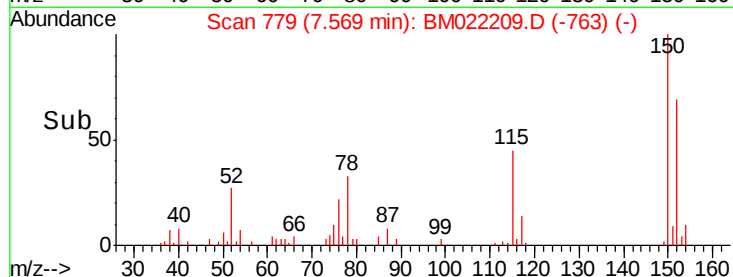
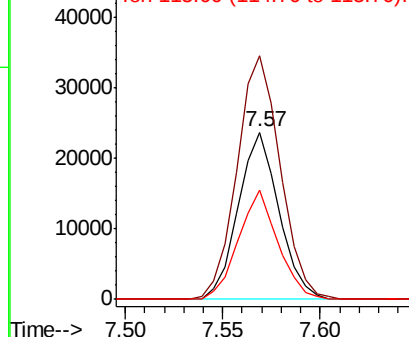
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

Instrument :
BNA_M
ClientSampleId :
0618-SITE-WATER-38TH-ST

Tot Ion:152 Resp: 34151
Ion Ratio Lower Upper
152 100
150 145.8 123.1 184.7
115 65.4 44.2 66.4



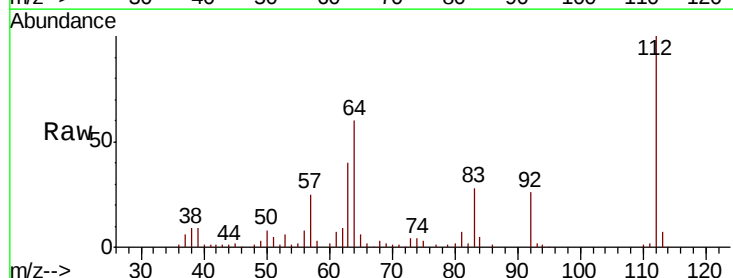
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



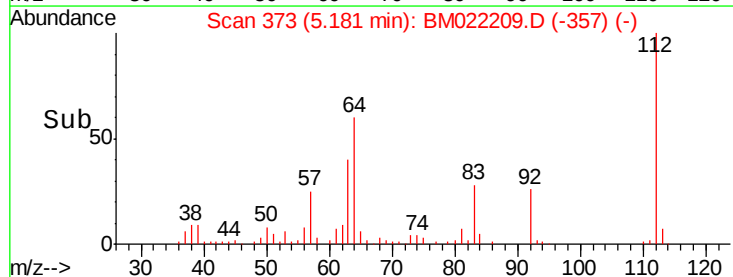
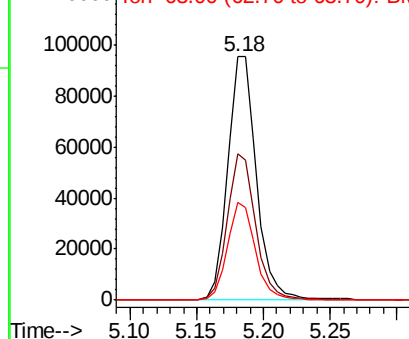
#5

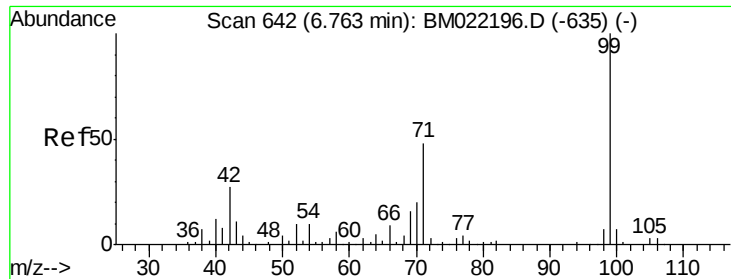
2-Fluorophenol
Concen: 75.351 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

Tgt Ion:112 Resp: 144408
Ion Ratio Lower Upper
112 100
64 59.9 45.2 67.8
63 40.0 23.5 35.3#



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: 55.285 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022209.D

Acq: 20 Aug 2019 13:09

Instrument :

BNA_M

ClientSampleId :

0618-SITE-WATER-38TH-ST

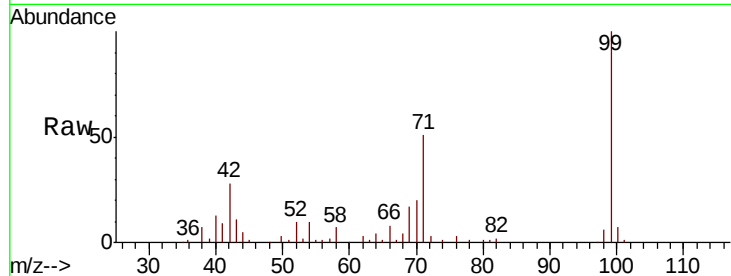
Tot Ion: 99 Resp: 141093

Ion Ratio Lower Upper

99 100

42 28.0 13.5 20.3#

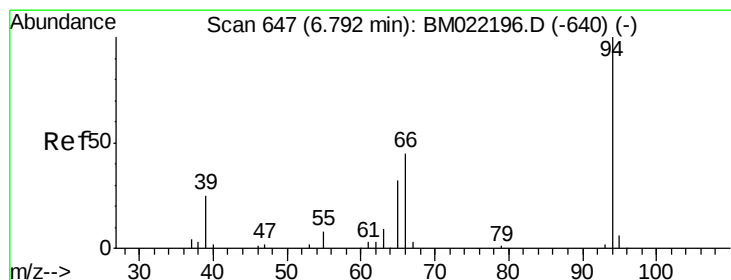
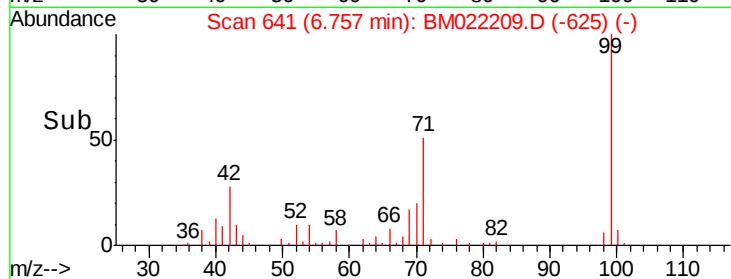
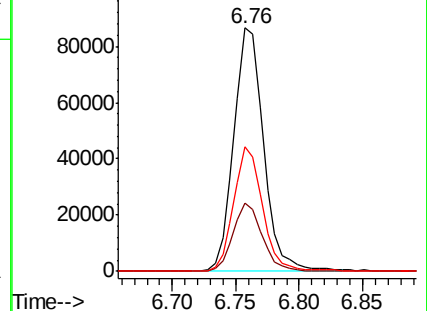
71 51.0 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#10

Phenol

Concen: 2.959 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM022209.D

Acq: 20 Aug 2019 13:09

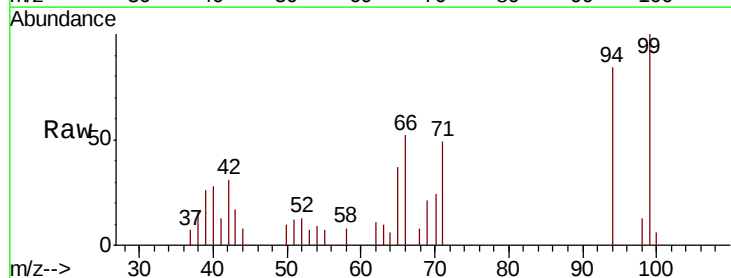
Tgt Ion: 94 Resp: 7995

Ion Ratio Lower Upper

94 100

65 44.4 8.7 48.7

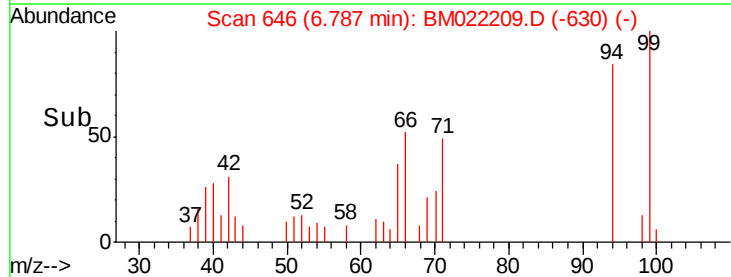
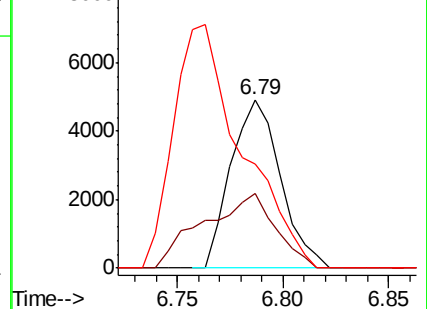
66 62.1 19.0 59.0#

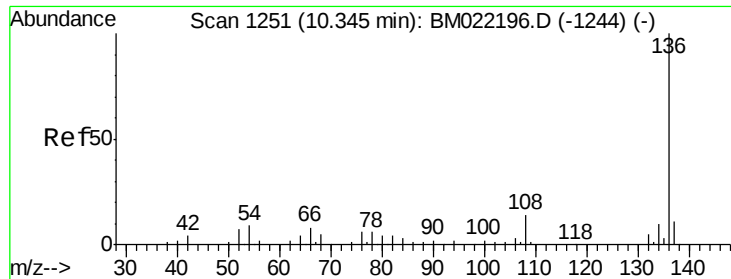


Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)

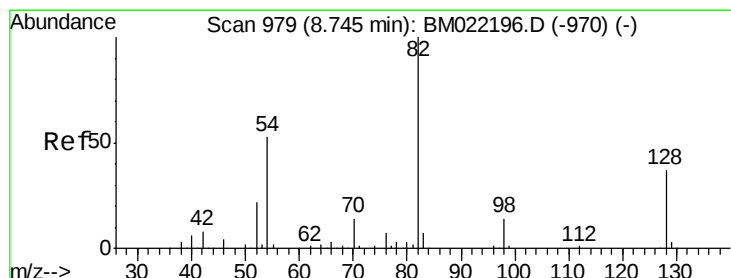
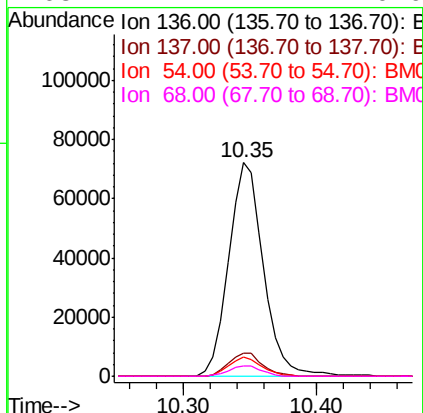
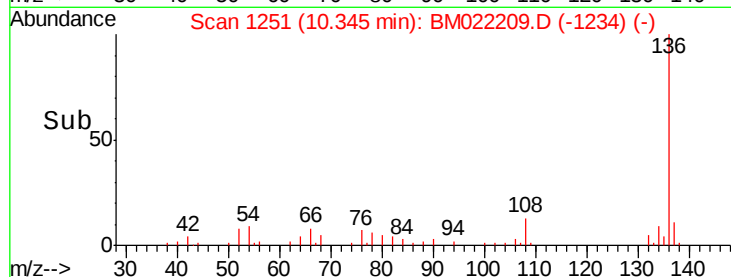
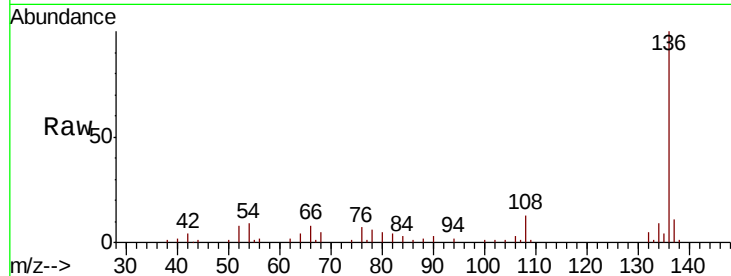




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

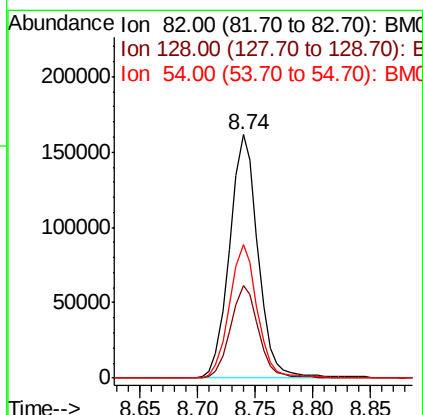
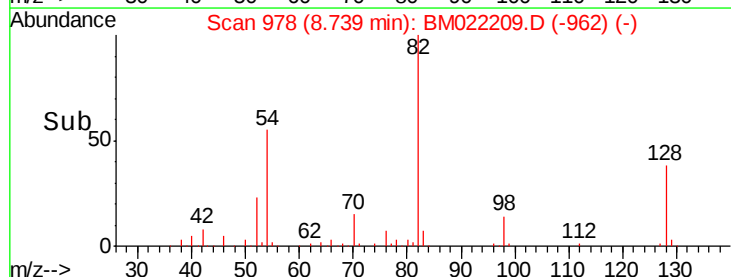
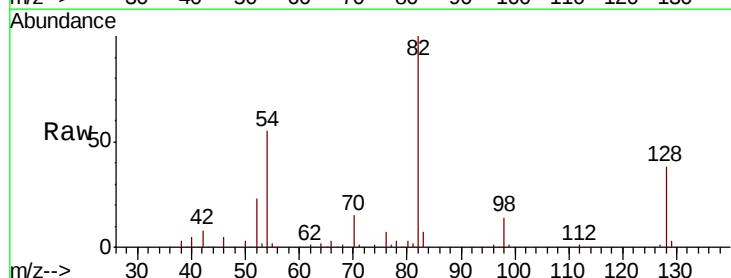
Instrument :
BNA_M
ClientSampleId :
0618-SITE-WATER-38TH-ST

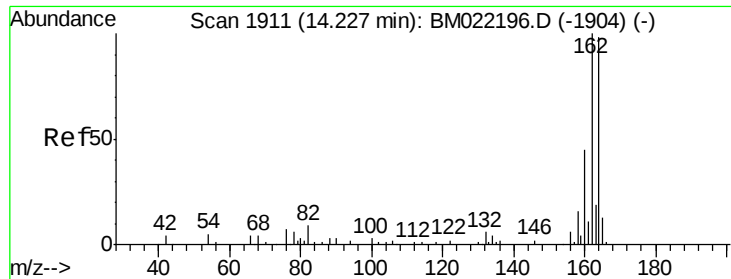
Tot Ion:136	Resp:	130508
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	8.8	5.3 7.9#
68	4.7	4.4 6.6



#23
Nitrobenzene-d5
Concen: 103.156 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

Tgt Ion: 82	Resp:	276798
Ion Ratio	Lower	Upper
82	100	
128	37.8	35.9 53.9
54	55.0	36.6 55.0#

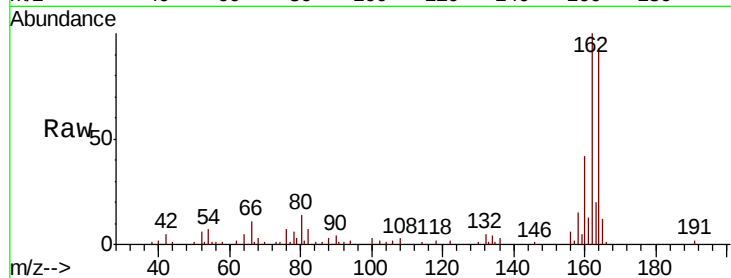




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BM022209.D
 Acq: 20 Aug 2019 13:09

Instrument :
 BNA_M
 ClientSampleId :
 0618-SITE-WATER-38TH-ST

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.1	123.1
160	45.2	37.1	55.7

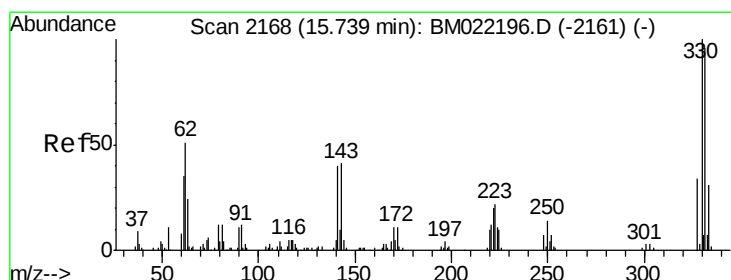
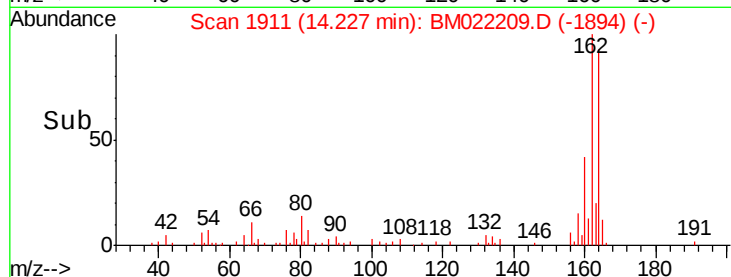
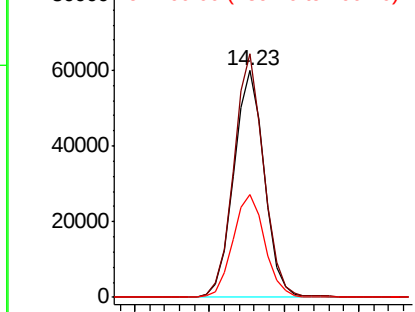


Abundance

Ion 164.00 (163.70 to 164.70): E

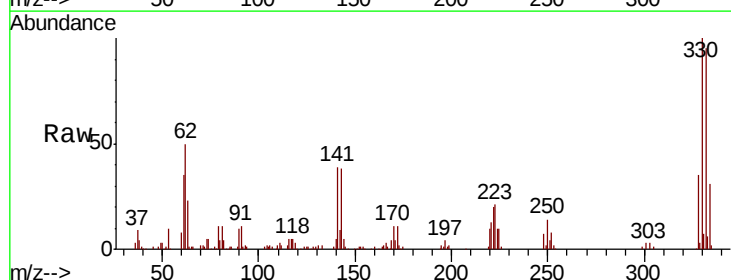
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 170.748 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022209.D
 Acq: 20 Aug 2019 13:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	41.1	21.8	32.8#

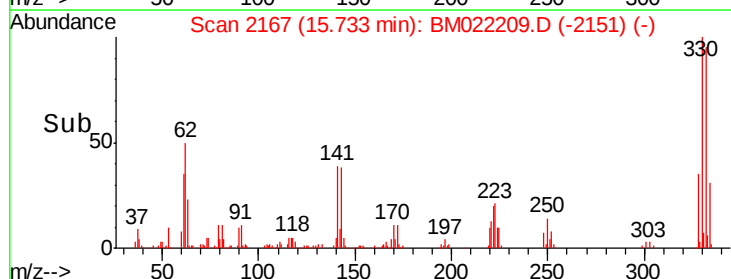
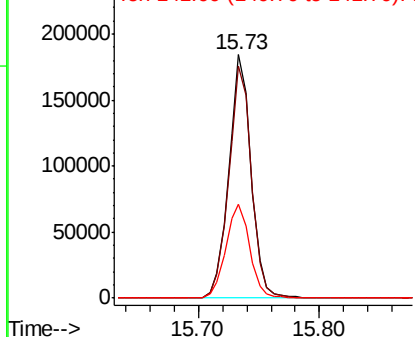


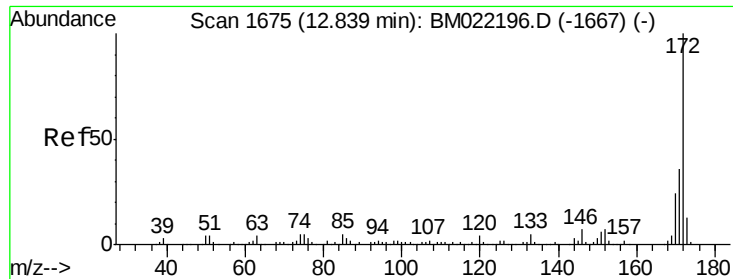
Abundance

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

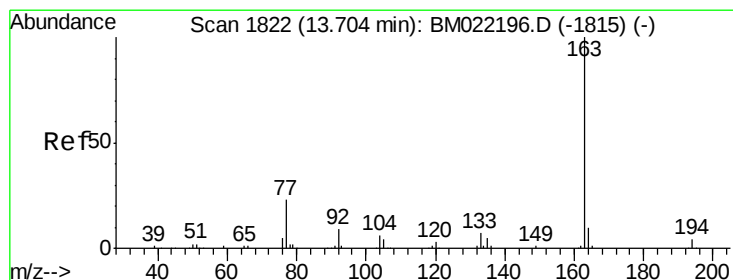
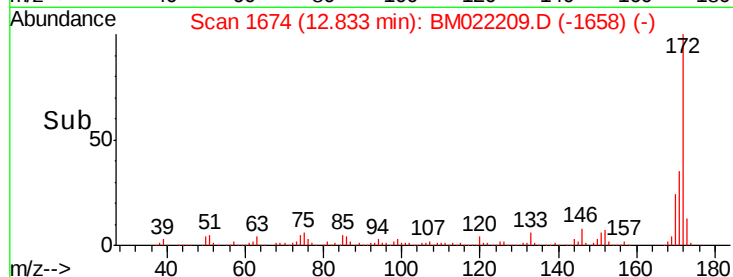
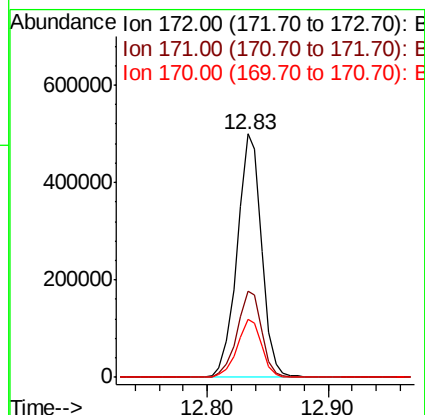
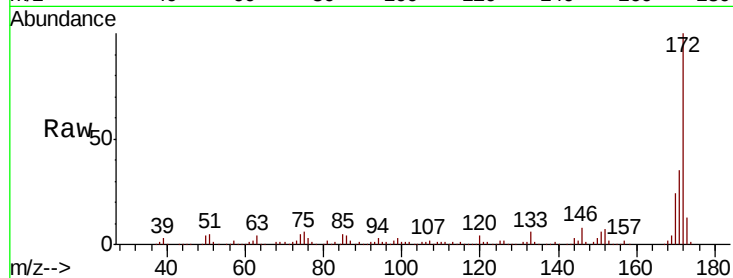




#45
2-Fluorobiphenyl
Concen: 102.732 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

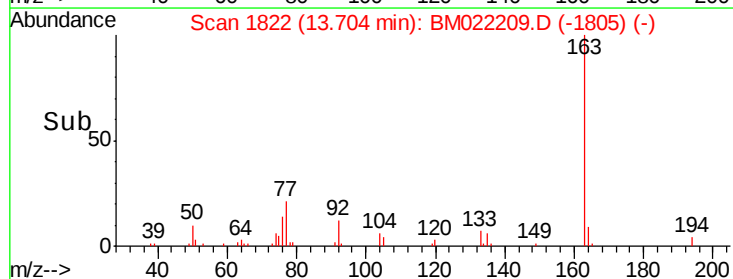
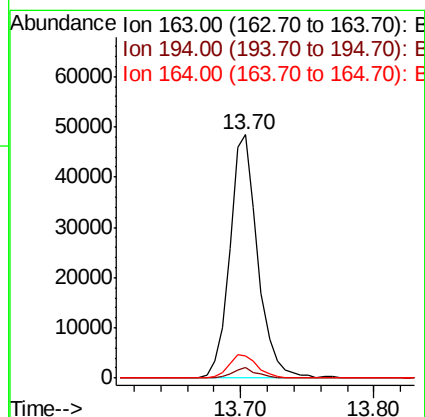
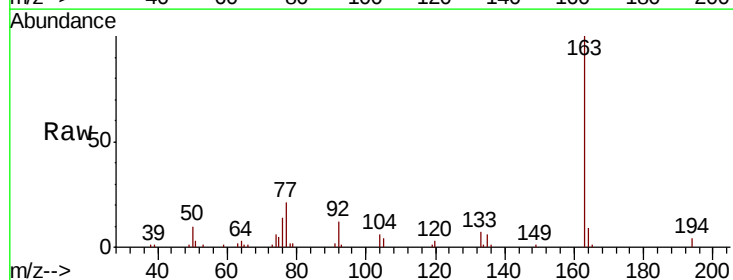
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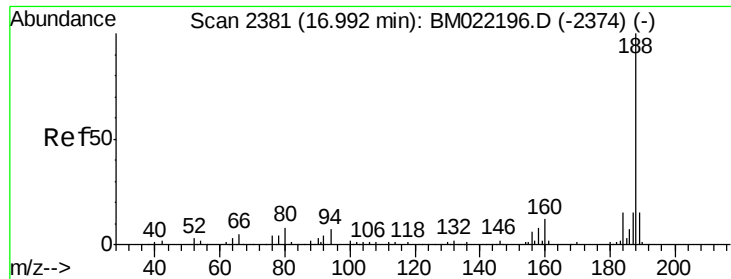
Tot Ion:172 Resp: 703707
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.9 18.7 28.1



#50
Dimethylphthalate
Concen: 9.873 ng
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

Tgt Ion:163 Resp: 71015
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.3 8.2 12.2

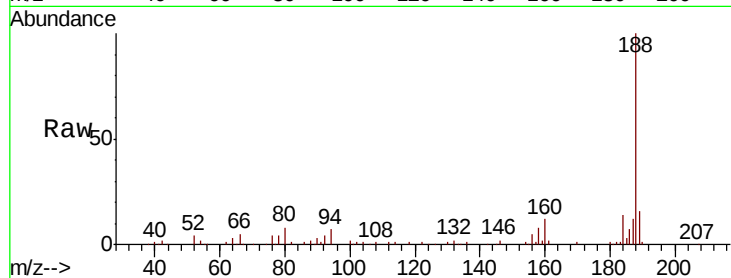




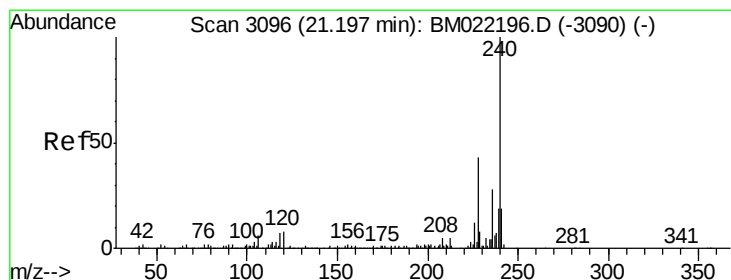
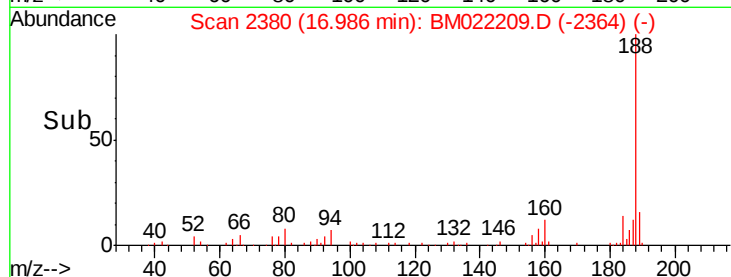
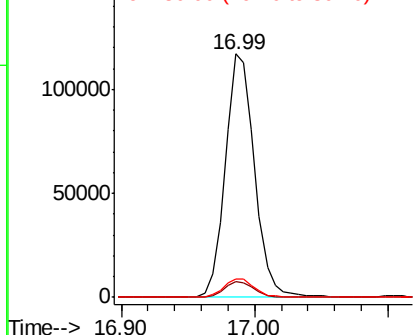
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

Instrument :
BNA_M
ClientSampleId :
0618-SITE-WATER-38TH-ST

Tot Ion:188 Resp: 179804
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 7.8 6.9 10.3

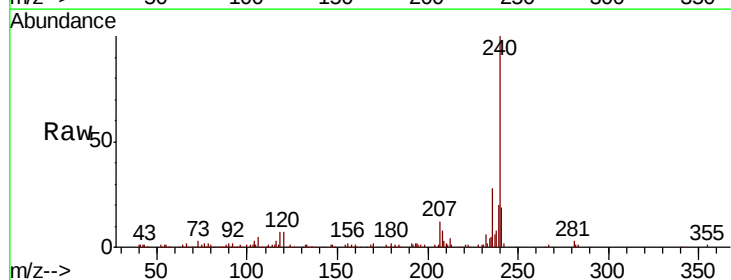


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

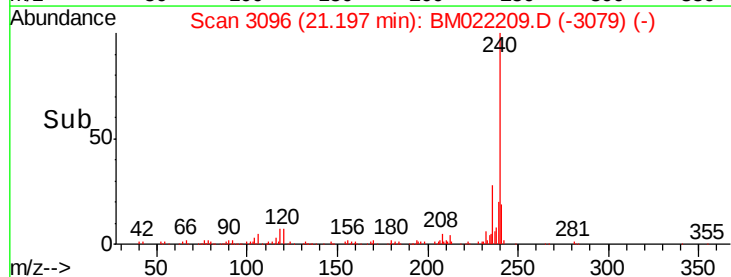
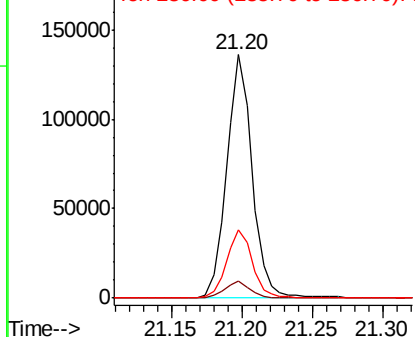


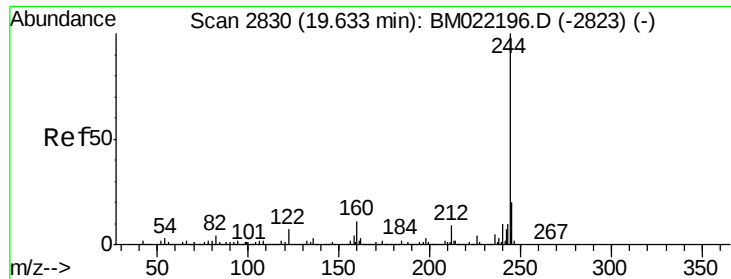
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

Tgt Ion:240 Resp: 170936
Ion Ratio Lower Upper
240 100
120 7.0 6.9 10.3
236 28.0 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: 115.940 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM022209.D

Acq: 20 Aug 2019 13:09

Instrument :

BNA_M

ClientSampleId :

0618-SITE-WATER-38TH-ST

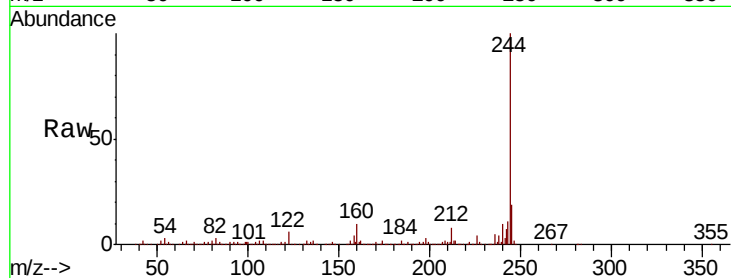
Tot Ion:244 Resp: 1360129

Ion Ratio Lower Upper

244 100

212 8.1 5.3 7.9#

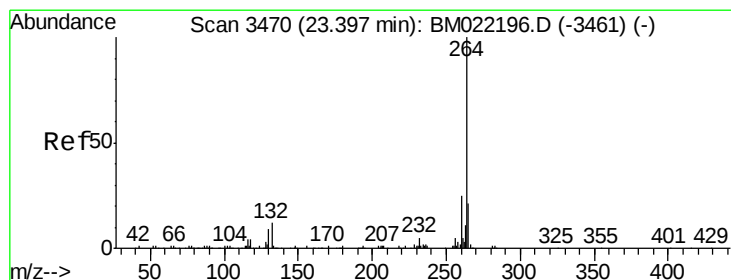
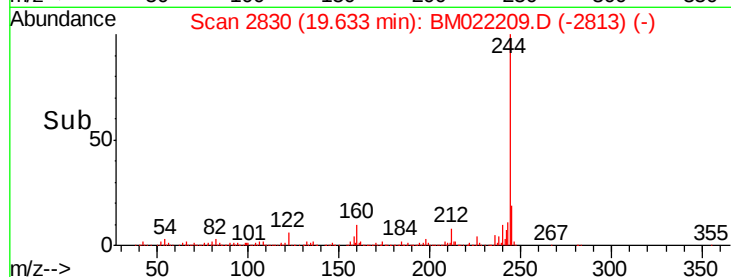
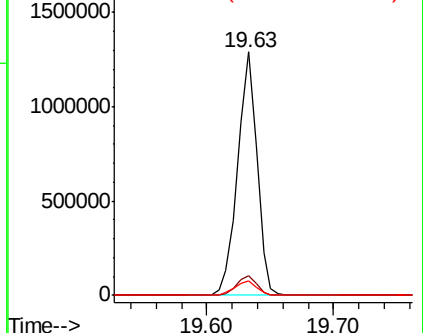
122 5.8 6.6 9.8#



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: 23.40 min Scan# 3470

Delta R.T. 0.00 min

Lab File: BM022209.D

Acq: 20 Aug 2019 13:09

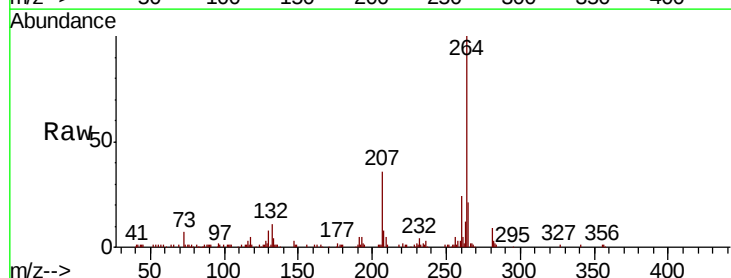
Tgt Ion:264 Resp: 178594

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 21.4 17.7 26.5



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

