

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 23:26:51 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

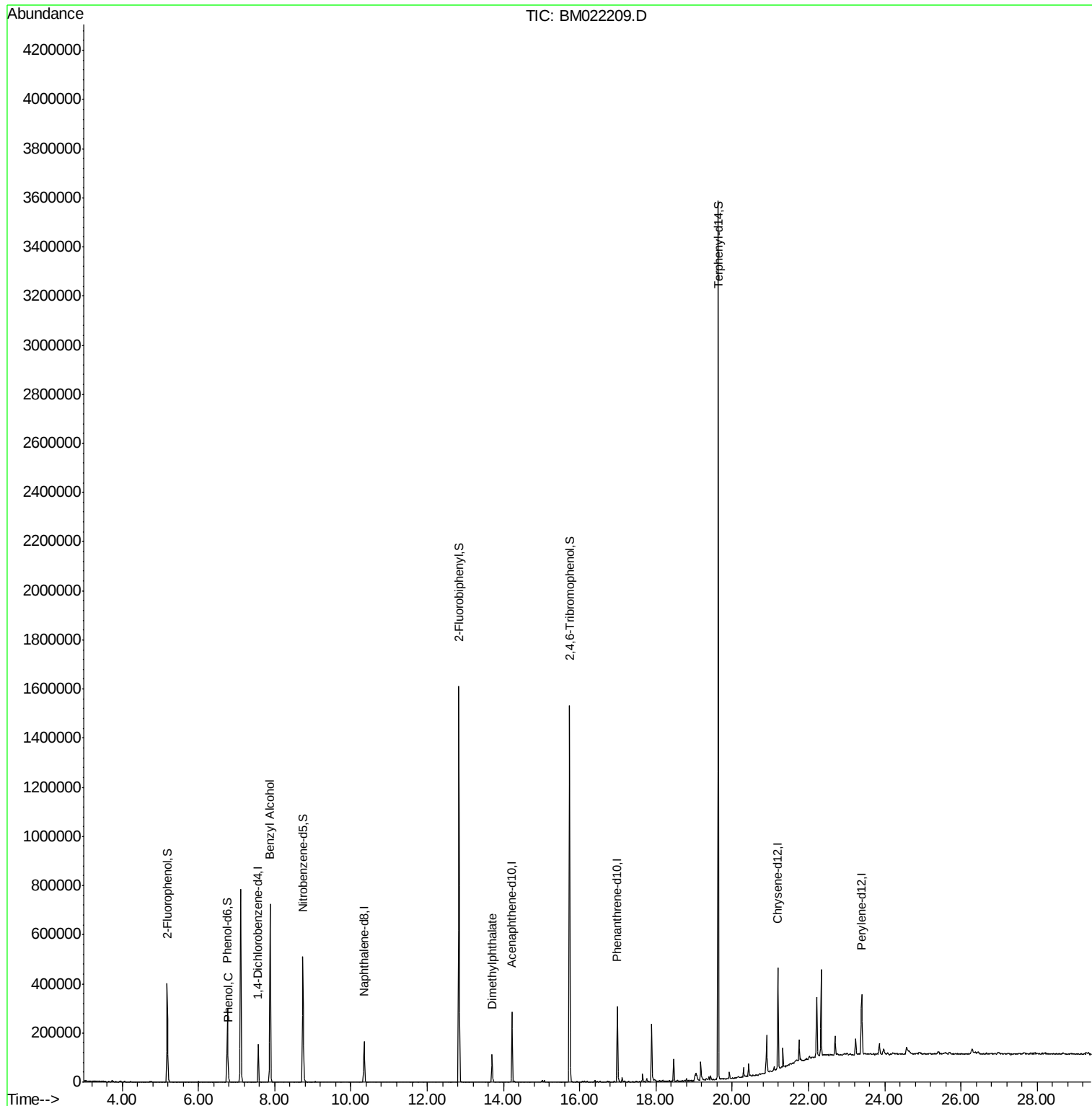
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	34151	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	130508	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	85555	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	179804	20.00	ng	0.00
76) Chrysene-d12	21.20	240	170936	20.00	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	# 66
15) Benzyl Alcohol	7.88	79	5375	2.396	ng	# 53
50) Dimethylphthalate	13.70	163	71015	9.873	ng	98

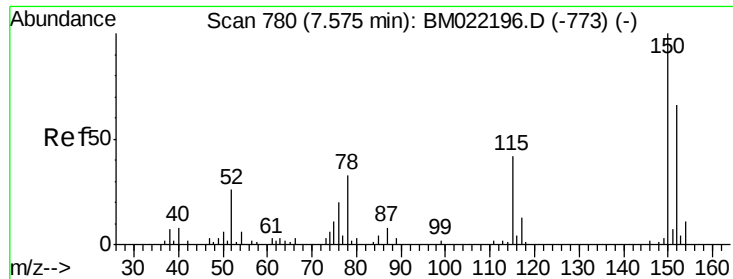
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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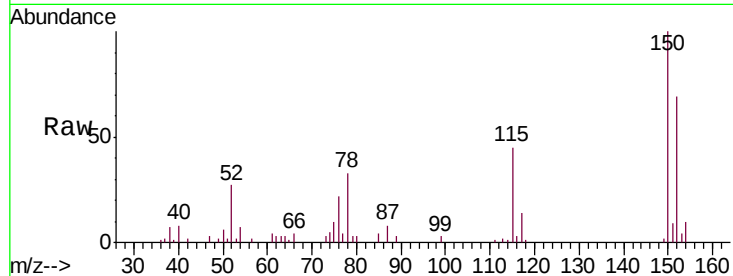




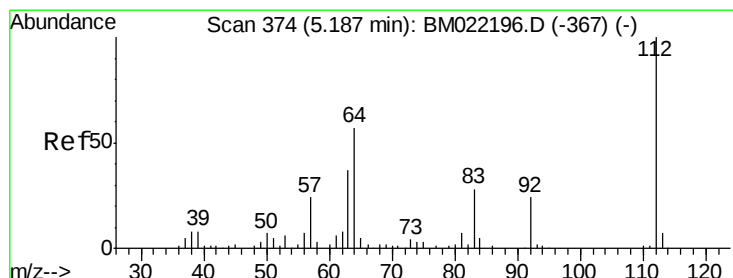
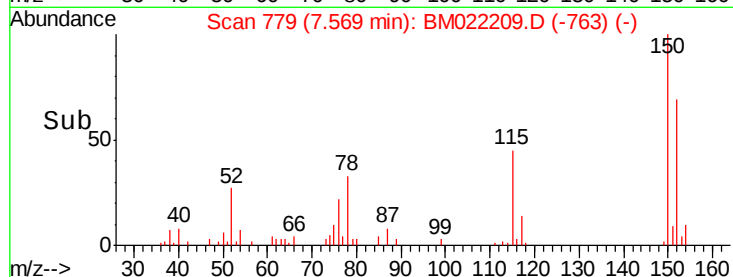
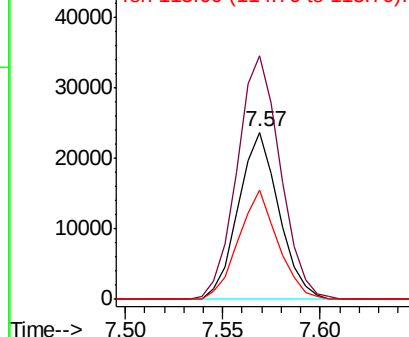
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022209.D
 Acq: 20 Aug 2019 13:09

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

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

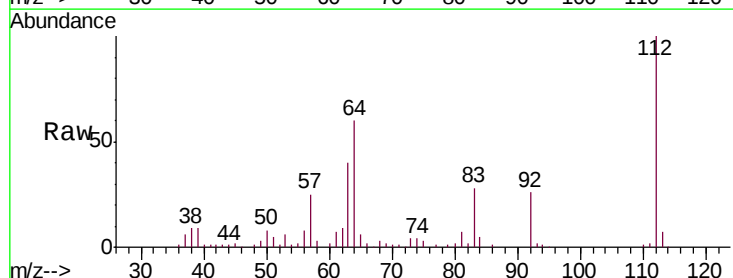


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

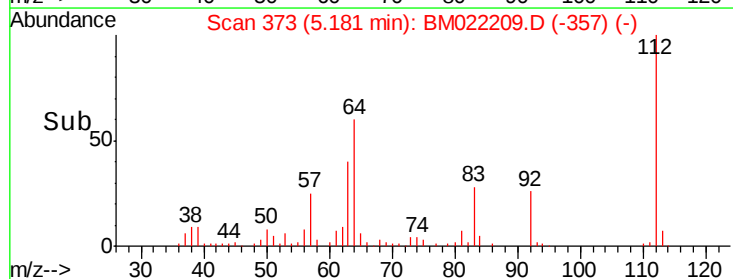
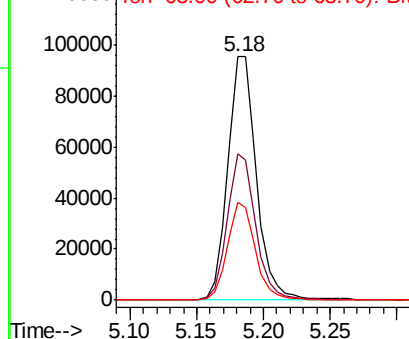


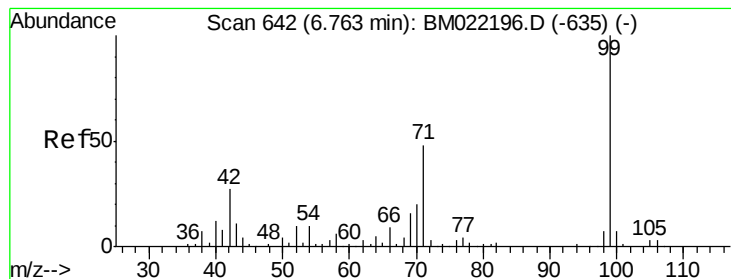
#5
 2-Fluorophenol
 Concen: 75.351 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BM022209.D
 Acq: 20 Aug 2019 13:09

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 :

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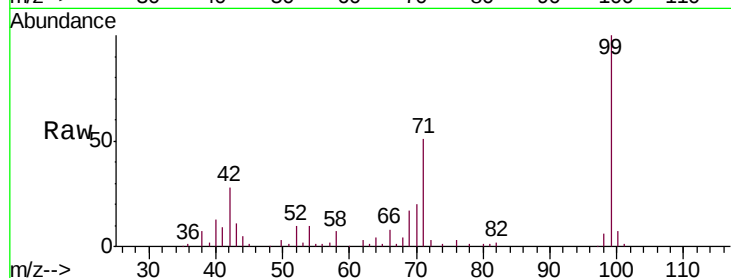
Tgt Ion: 99 Resp: 141093

Ion Ratio Lower Upper

99 100

42 28.0 13.5 20.3#

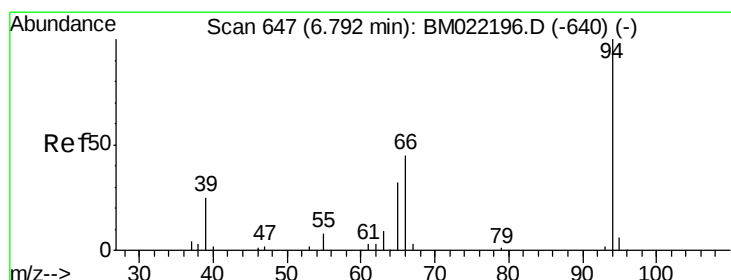
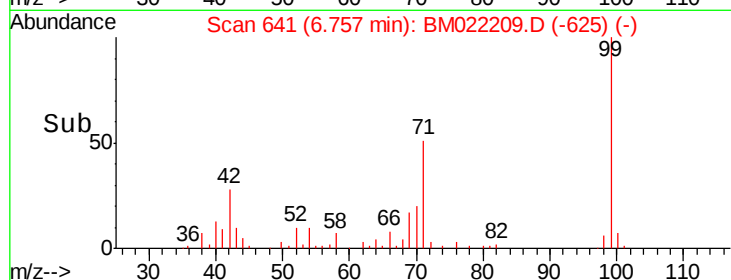
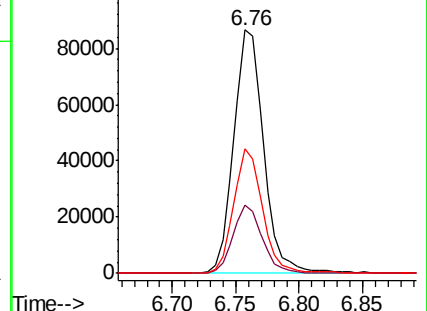
71 51.0 29.3 43.9#



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

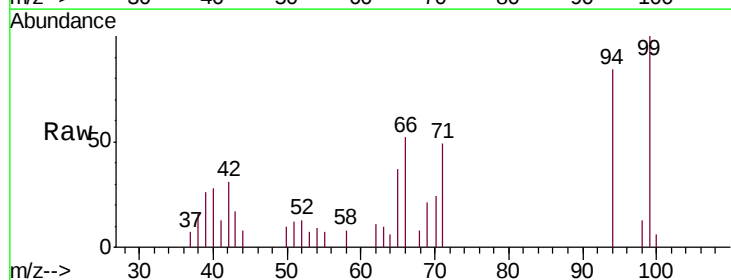
Tgt Ion: 94 Resp: 7995

Ion Ratio Lower Upper

94 100

65 44.4 8.7 48.7

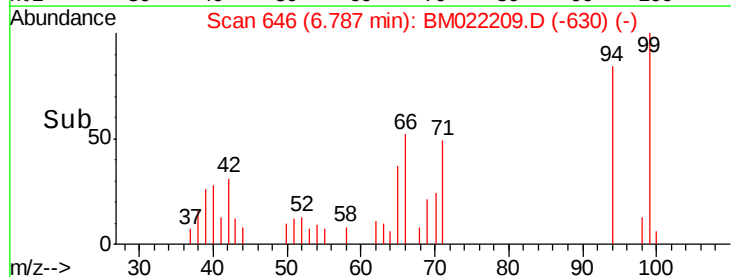
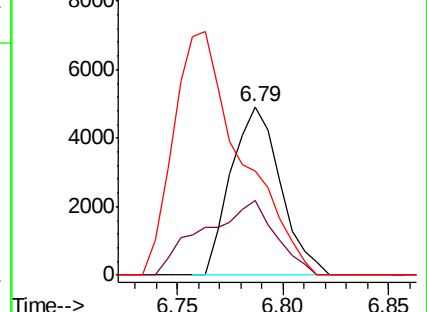
66 62.1 19.0 59.0#

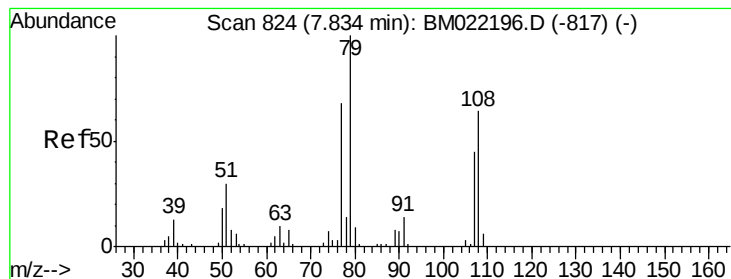


Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

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

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





#15

Benzyl Alcohol

Concen: 2.396 ng

RT: 7.88 min Scan# 832

Delta R.T. 0.05 min

Lab File: BM022209.D

Acq: 20 Aug 2019 13:09

Instrument :

BNA_M

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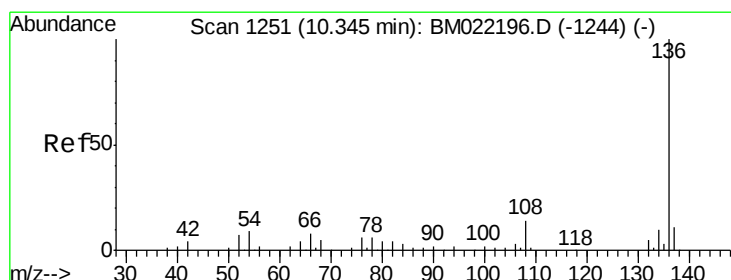
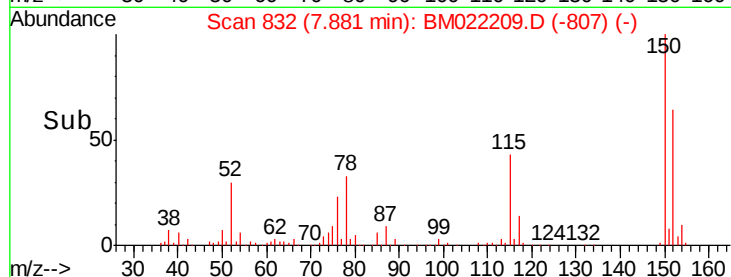
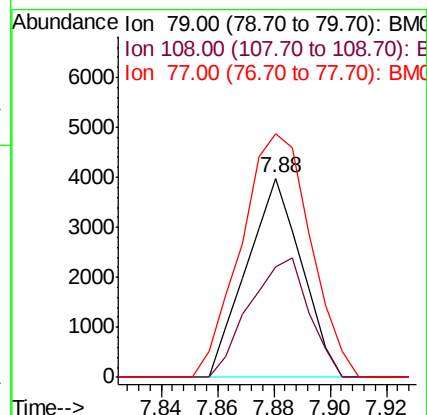
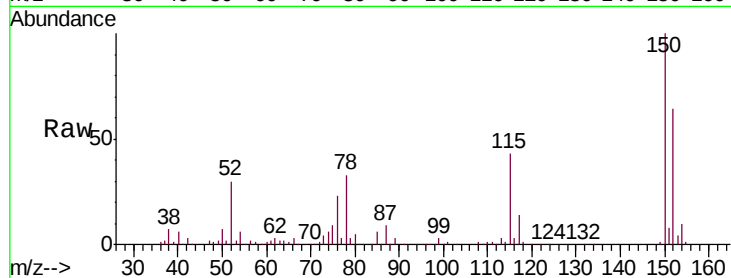
Tgt Ion: 79 Resp: 5375

Ion Ratio Lower Upper

79 100

108 55.8 58.4 87.6#

77 122.4 50.1 75.1#



#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

Tgt Ion: 136 Resp: 130508

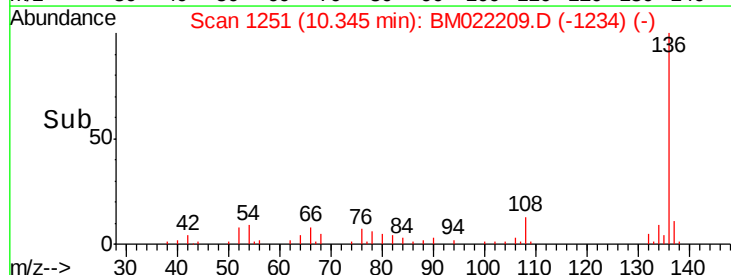
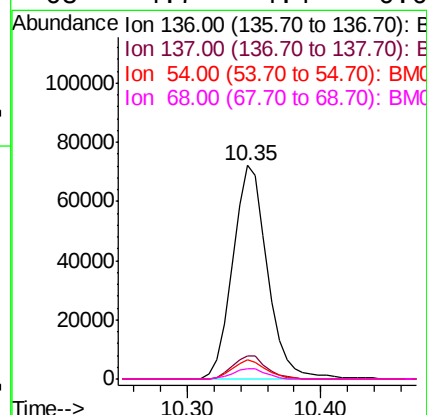
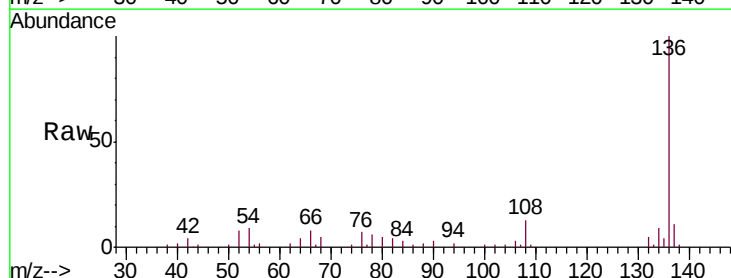
Ion Ratio Lower Upper

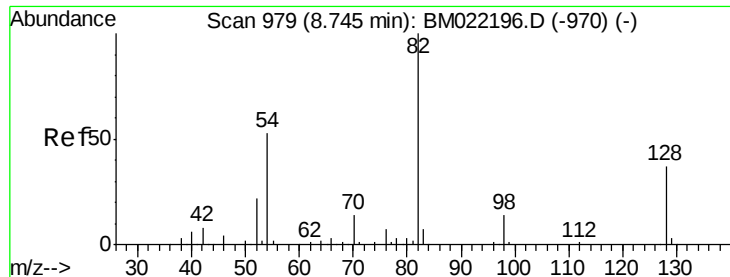
136 100

137 10.8 8.6 13.0

54 8.8 5.3 7.9#

68 4.7 4.4 6.6

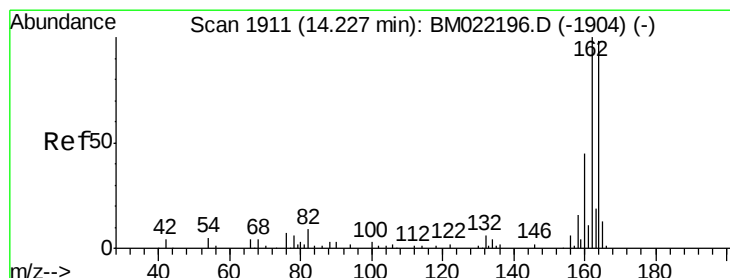
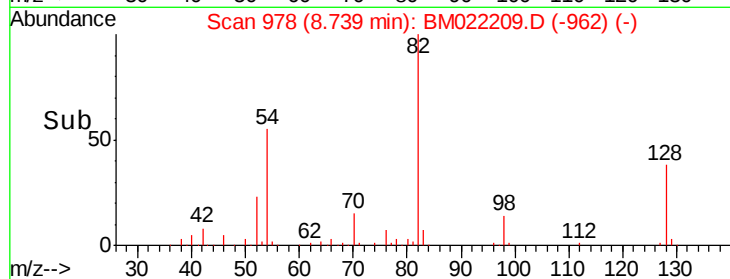
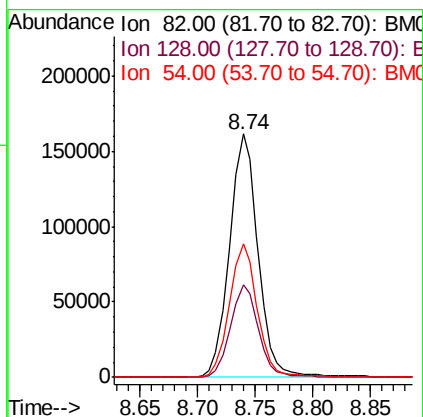
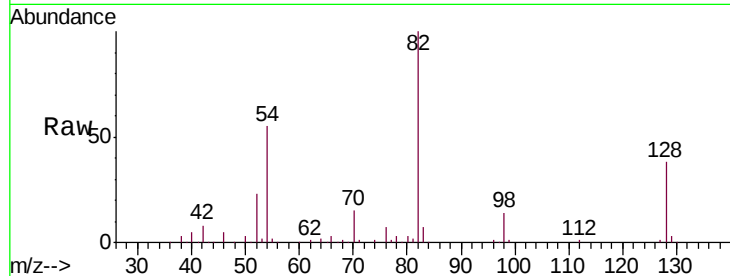




#23
 Nitrobenzene-d5
 Concen: 103.156 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022209.D
 Acq: 20 Aug 2019 13:09

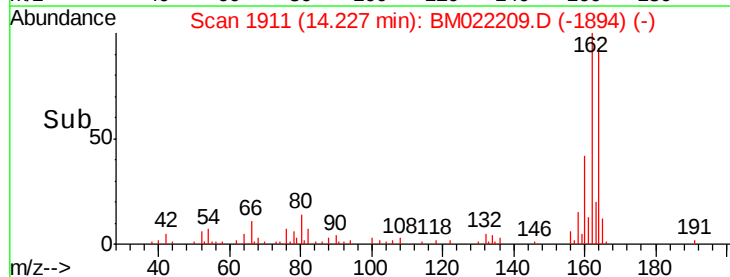
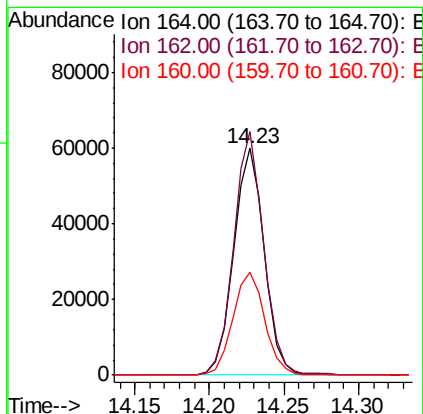
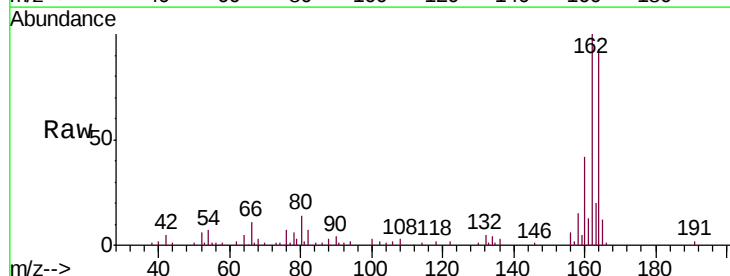
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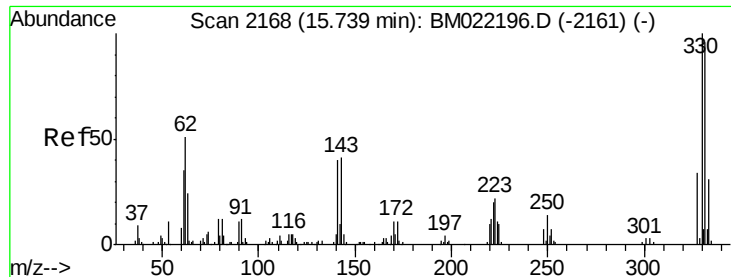
Tgt Ion: 82 Resp: 276798
 Ion Ratio Lower Upper
 82 100
 128 37.8 35.9 53.9
 54 55.0 36.6 55.0#



#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

Tgt Ion: 164 Resp: 85555
 Ion Ratio Lower Upper
 164 100
 162 107.3 82.1 123.1
 160 45.2 37.1 55.7

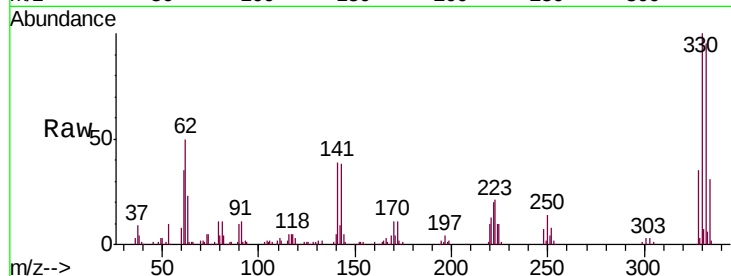




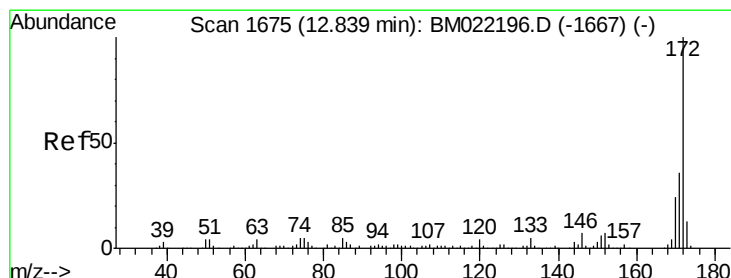
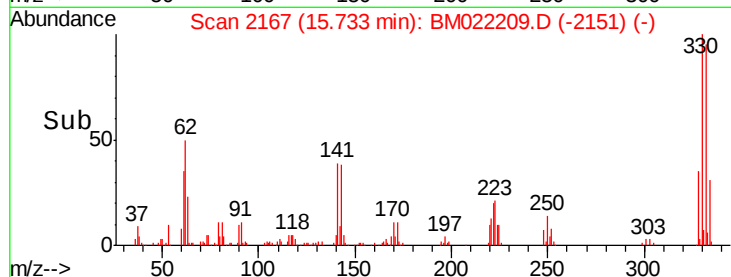
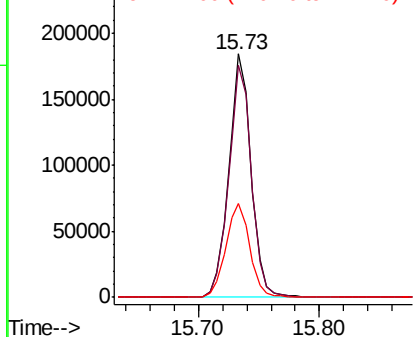
#42
 2,4,6-Tribromophenol
 Concen: 170.748 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022209.D
 Acq: 20 Aug 2019 13:09

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

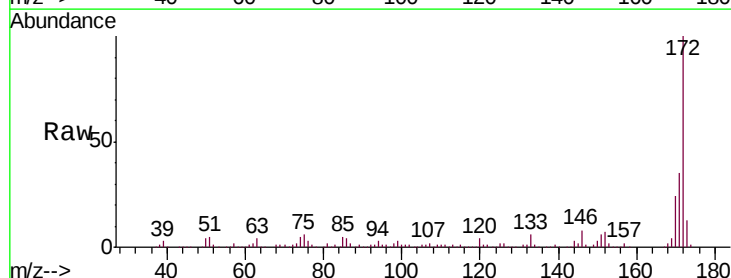


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

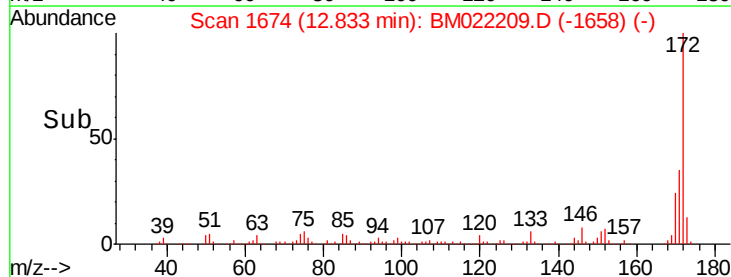
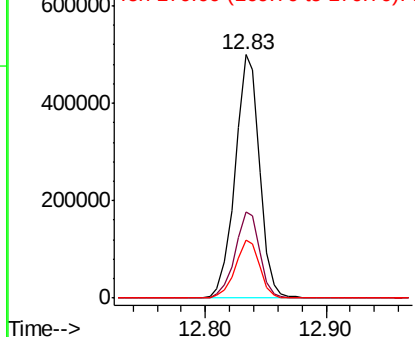


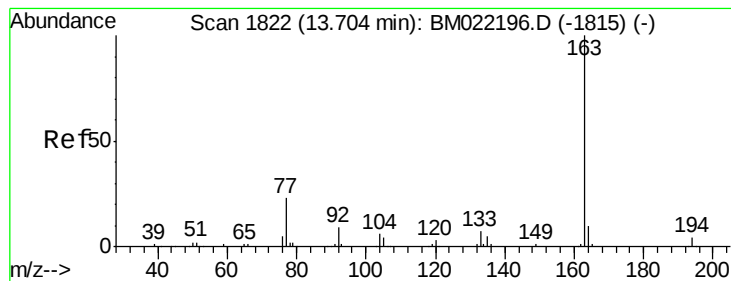
#45
 2-Fluorobiphenyl
 Concen: 102.732 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022209.D
 Acq: 20 Aug 2019 13:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.9	18.7	28.1



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: 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

Instrument :

BNA_M

ClientSampleId :

0618-SITE-WATER-38TH-ST

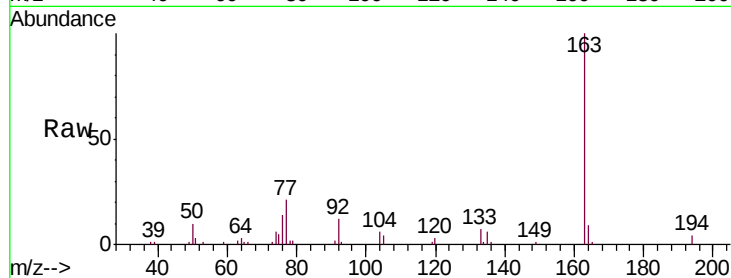
Tgt Ion:163 Resp: 71015

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

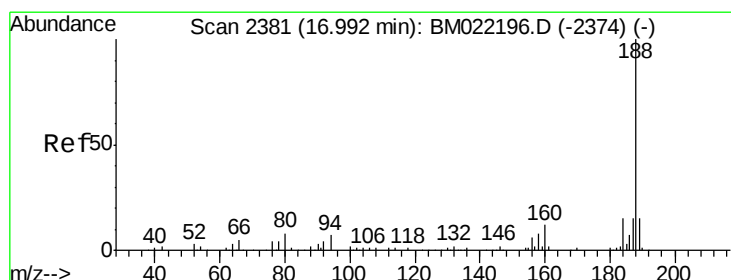
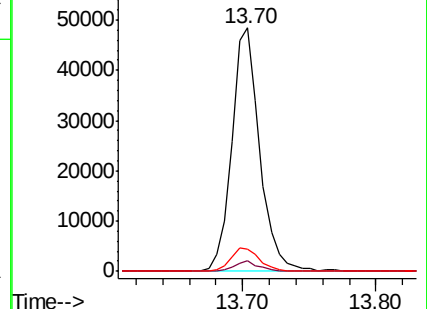
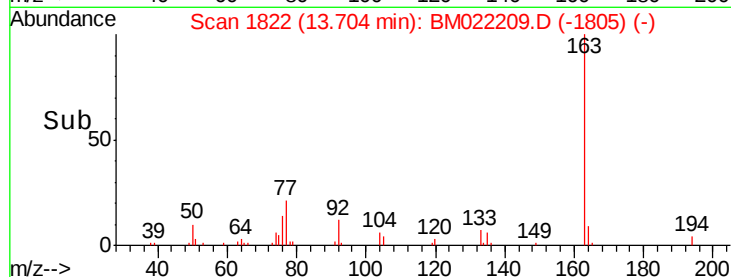
164 9.3 8.2 12.2



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: 16.99 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM022209.D

Acq: 20 Aug 2019 13:09

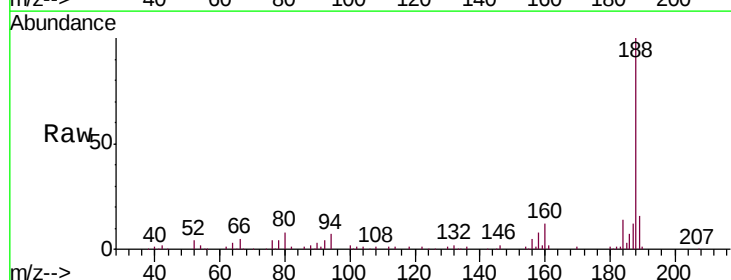
Tgt Ion:188 Resp: 179804

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

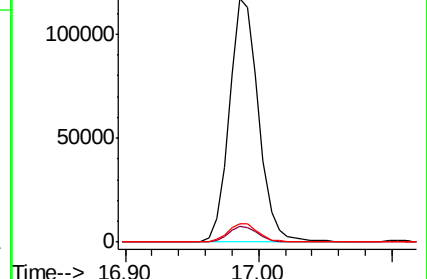
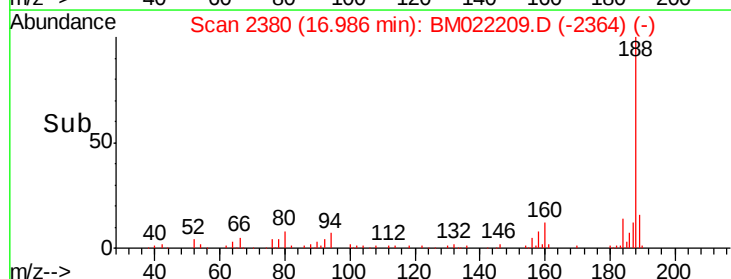
80 7.8 6.9 10.3

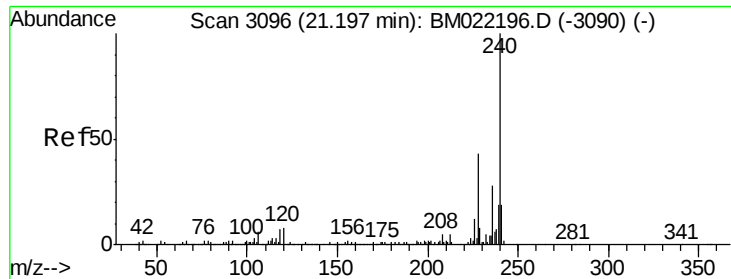


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

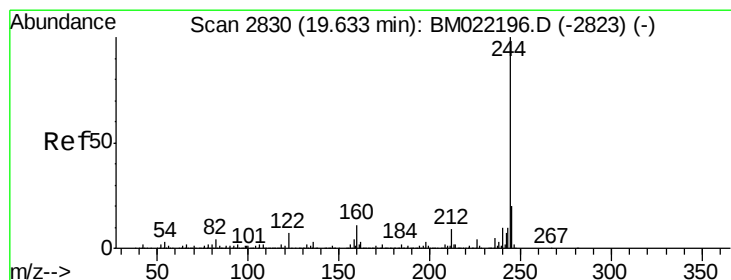
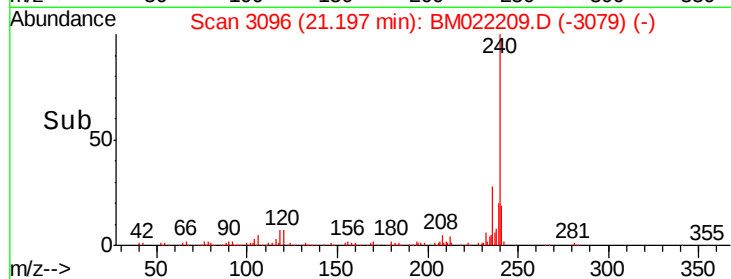
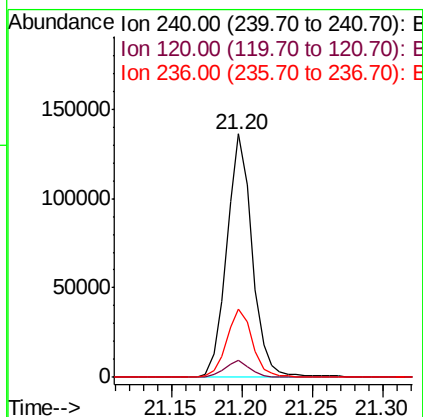
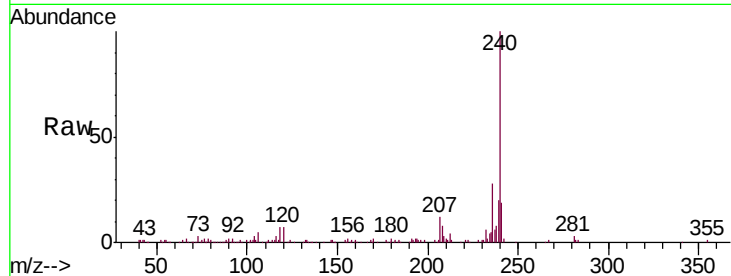




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

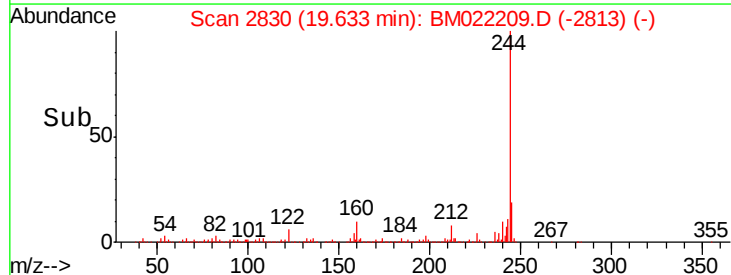
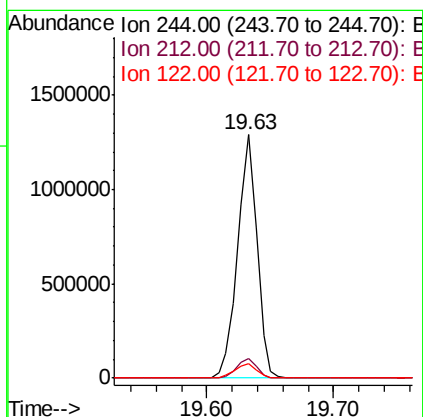
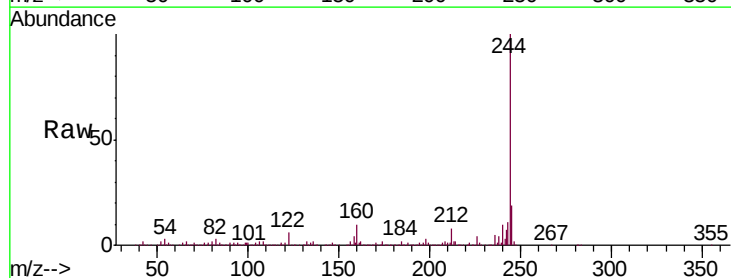
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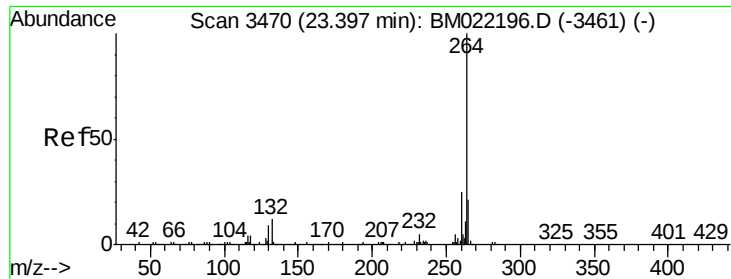
Tgt Ion:240 Resp: 170936
Ion Ratio Lower Upper
240 100
120 7.0 6.9 10.3
236 28.0 20.4 30.6



#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

Tgt Ion:244 Resp: 1360129
Ion Ratio Lower Upper
244 100
212 8.1 5.3 7.9#
122 5.8 6.6 9.8#

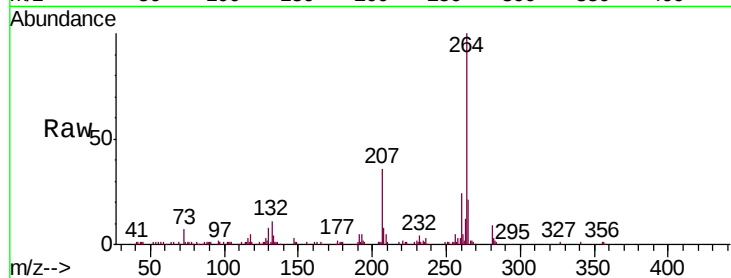




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

Tgt 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

