Quantitation Report (LSC Reviewed)

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						Qvalue
10) Phenol	6.79	94	7995	2.959	ng	# 66
50) Dimethylphthalate	13.70	163	71015	9.873	ng	98

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

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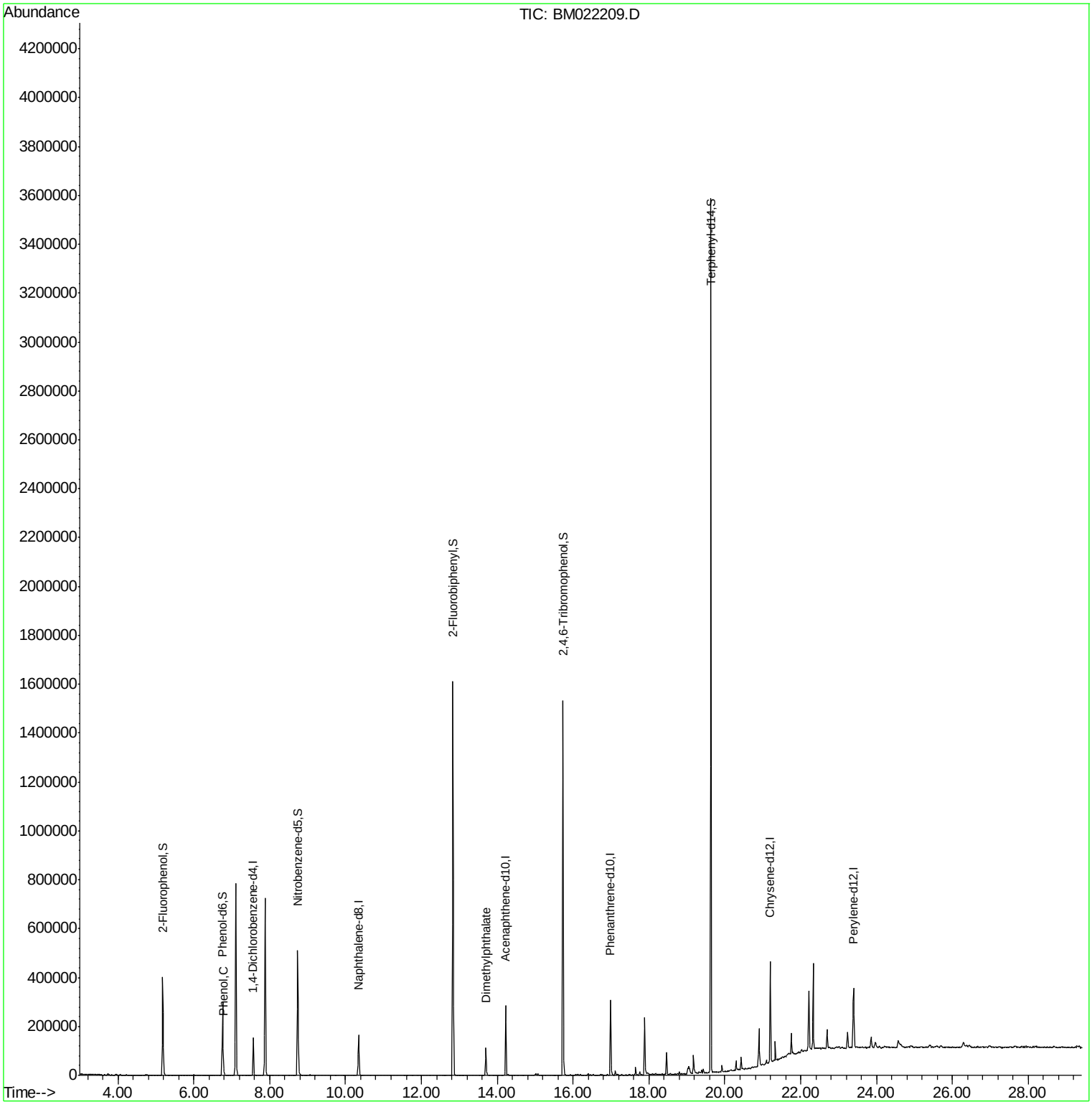
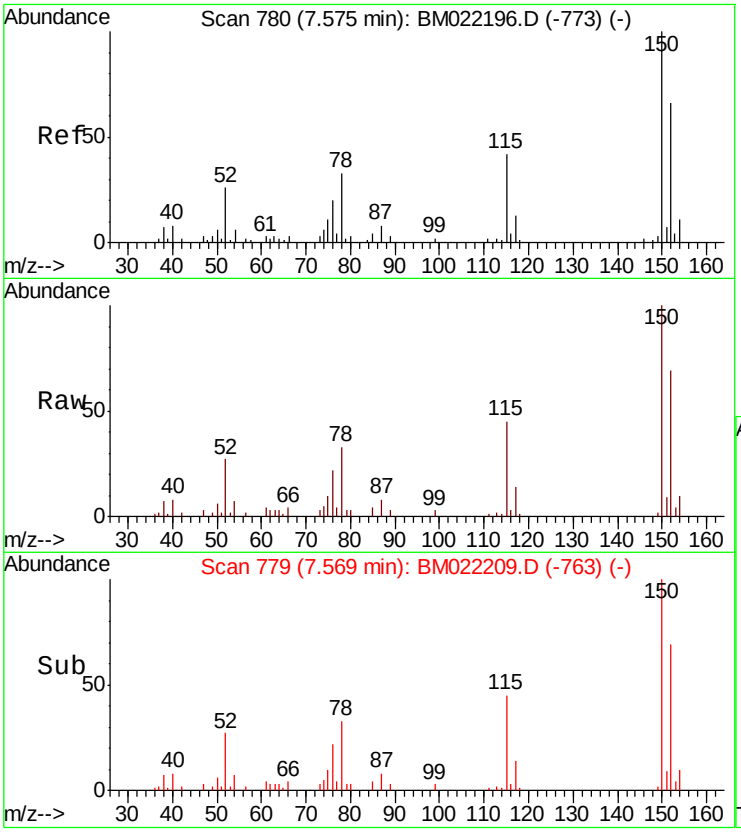


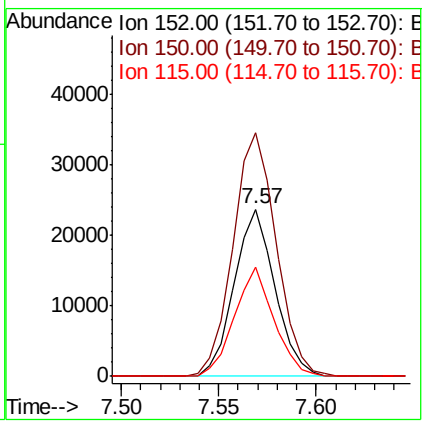


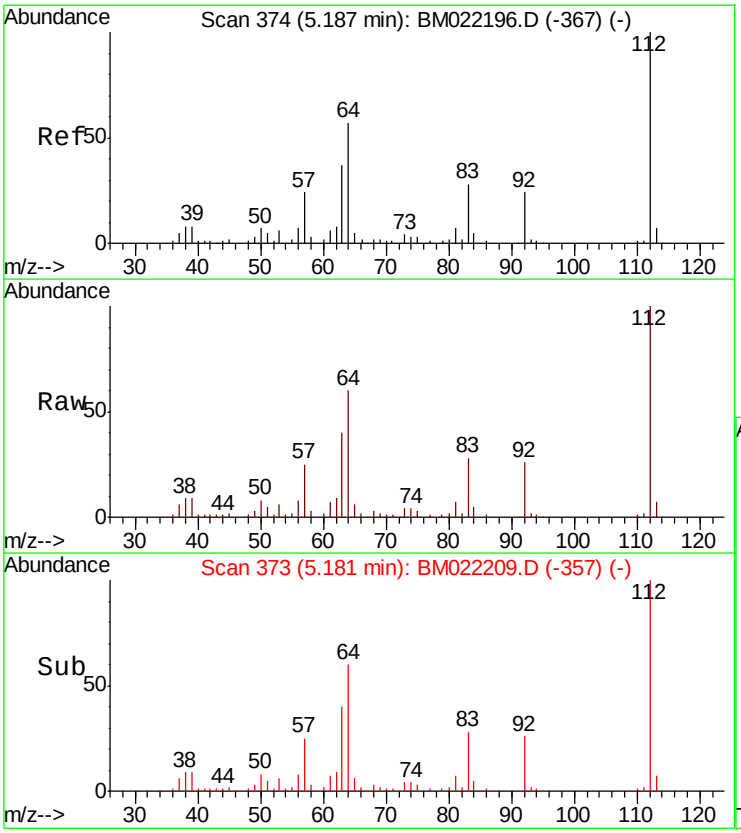
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

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

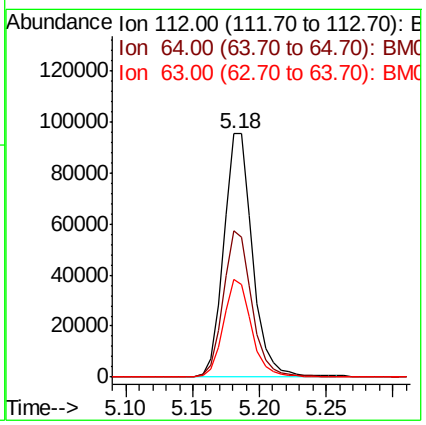


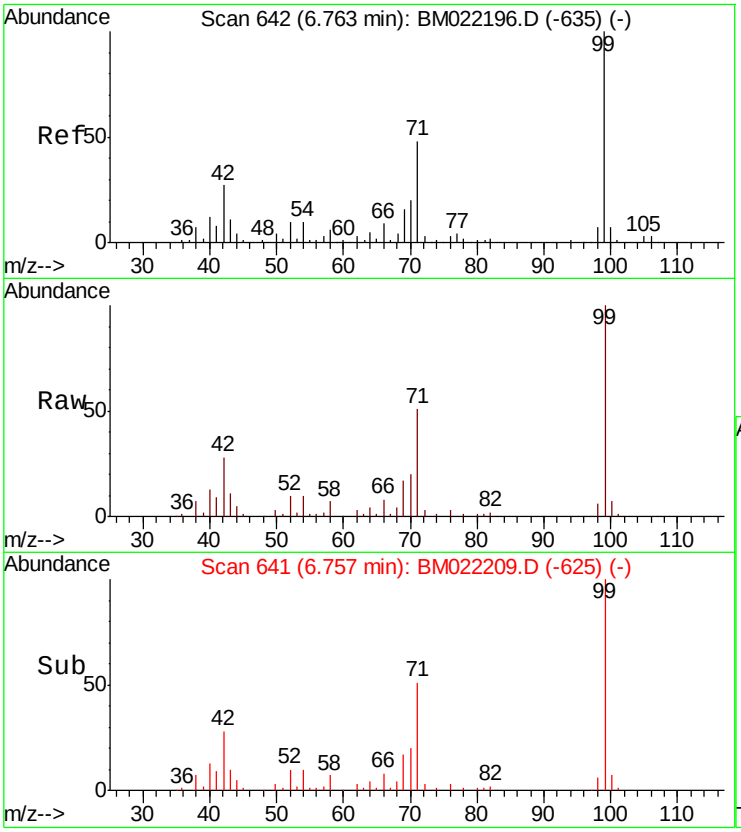


#5
2-Fluorophenol
Concen: 75.351 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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#



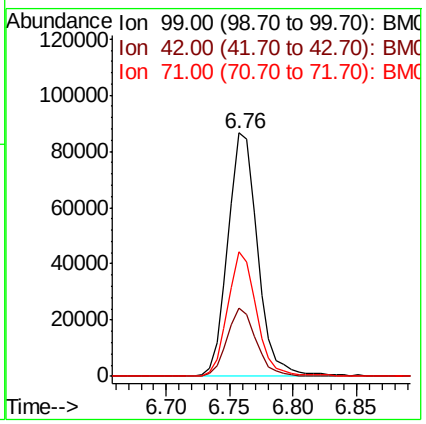


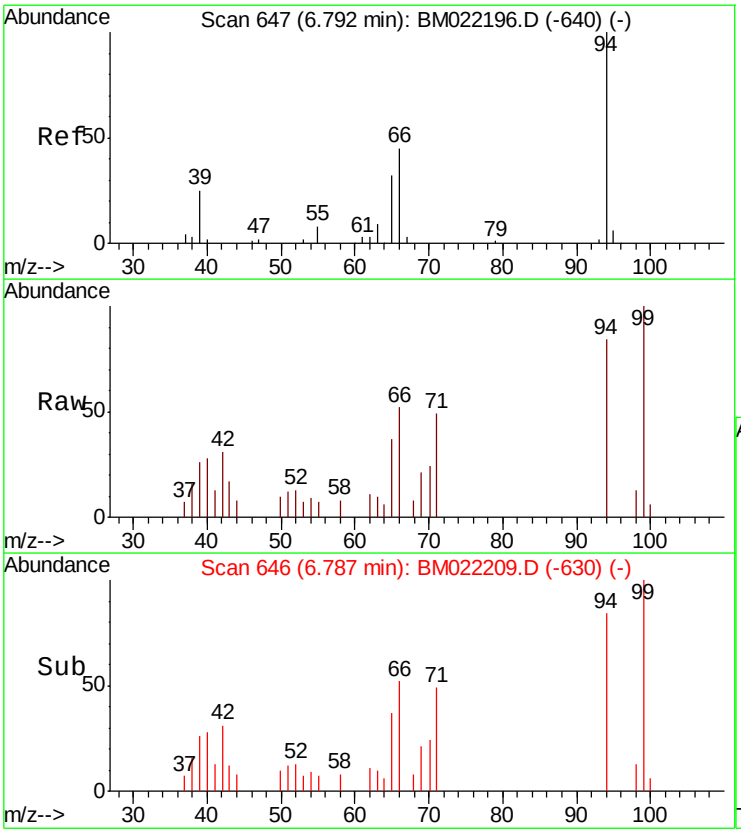
#7
Phenol-d6
Concen: 55.285 ng
RT: 6.76 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

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#

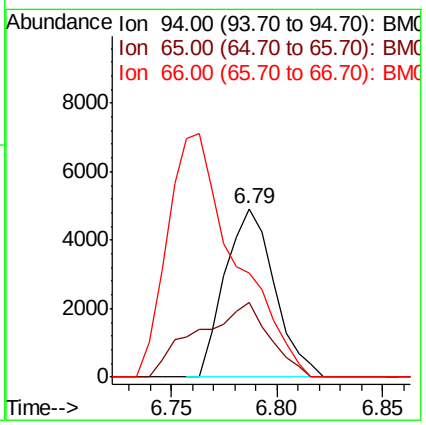


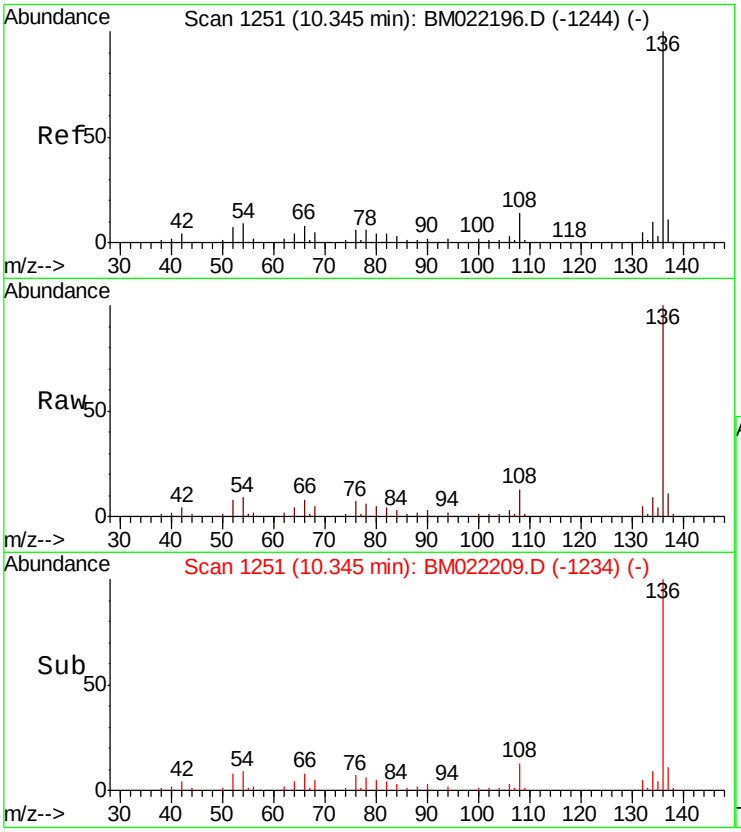


#10
Phenol
Concen: 2.959 ng
RT: 6.79 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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#



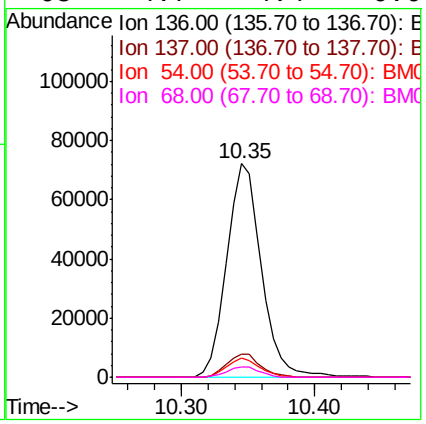


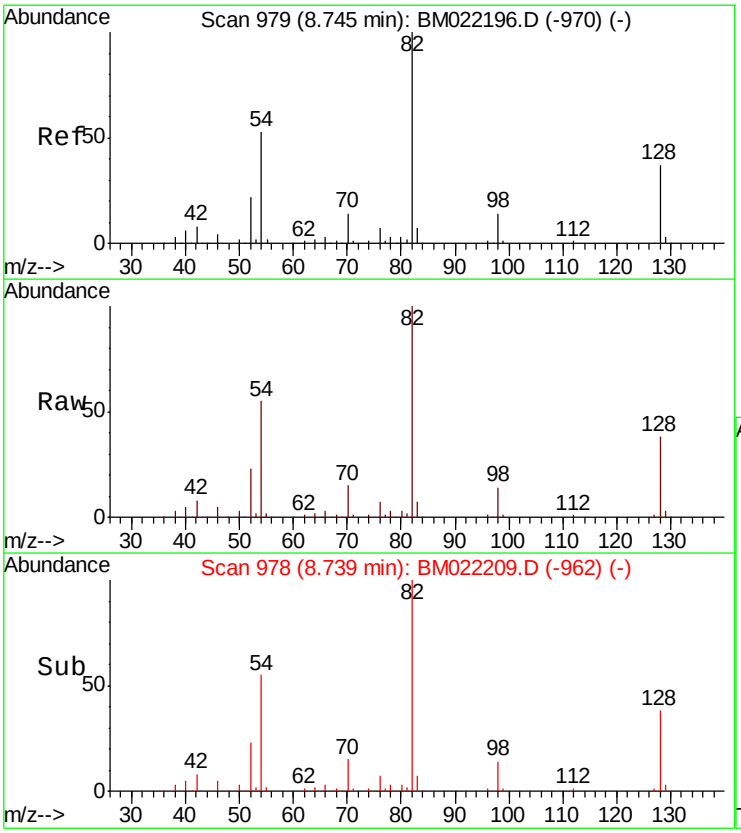
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

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

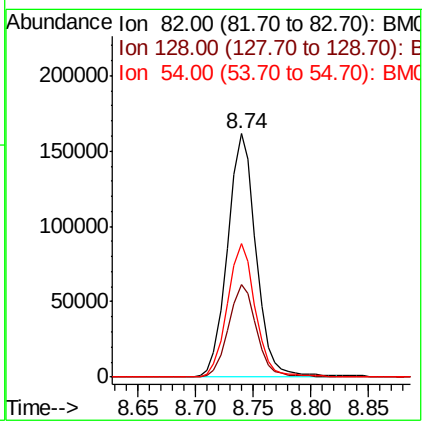


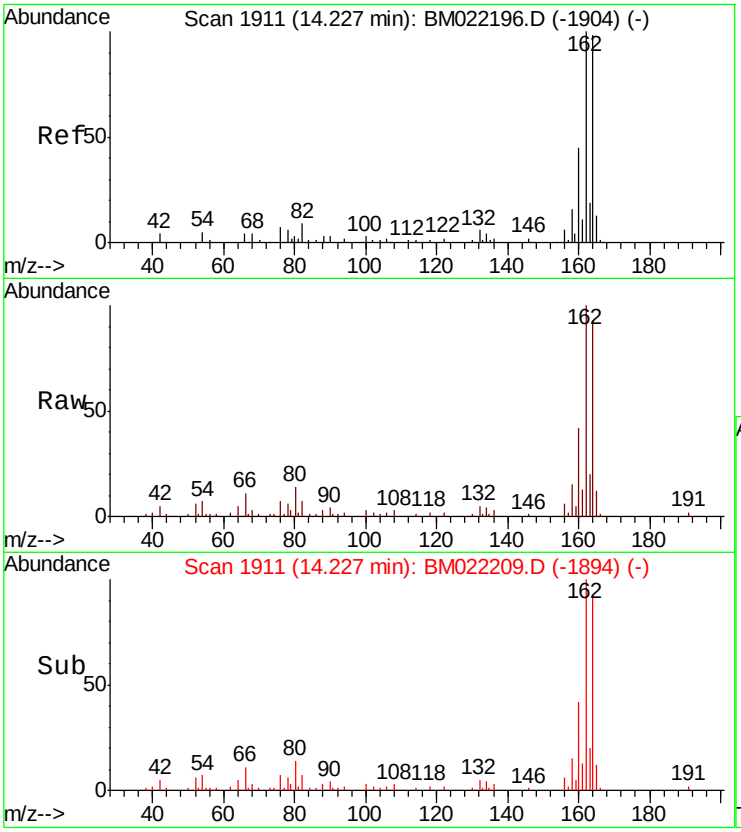


#23
Nitrobenzene-d5
Concen: 103.156 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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#



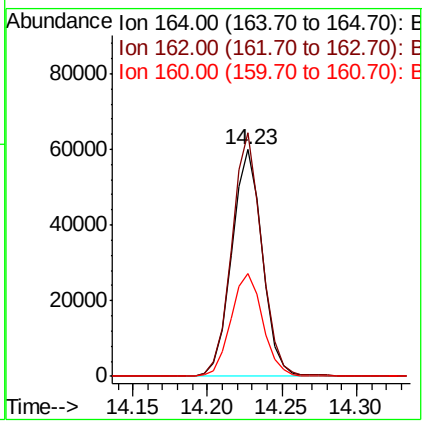


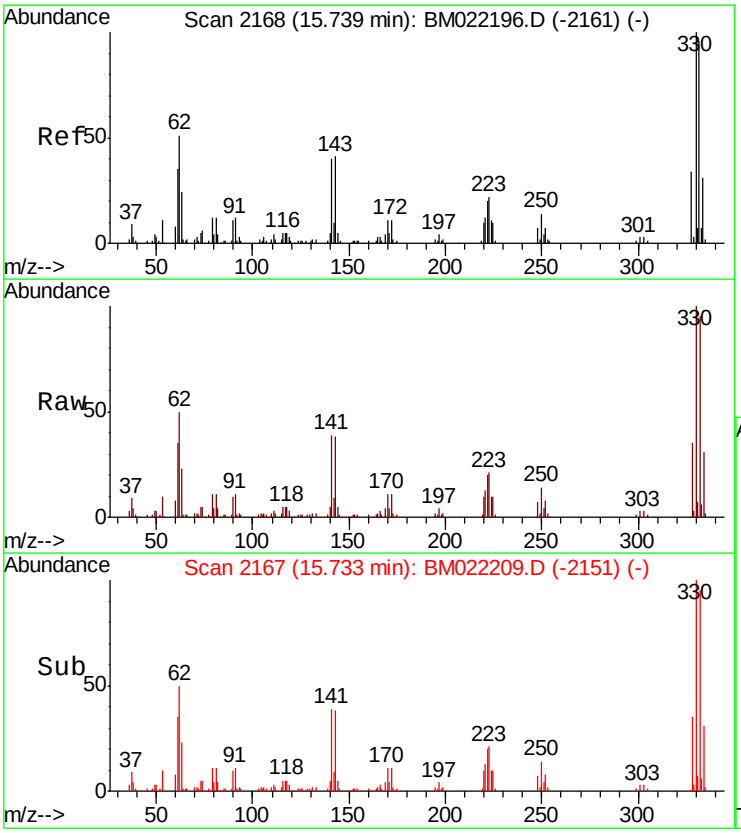
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

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

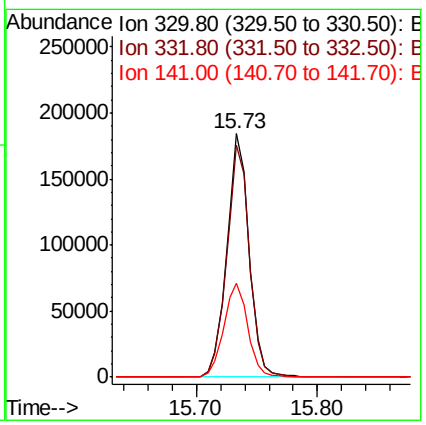


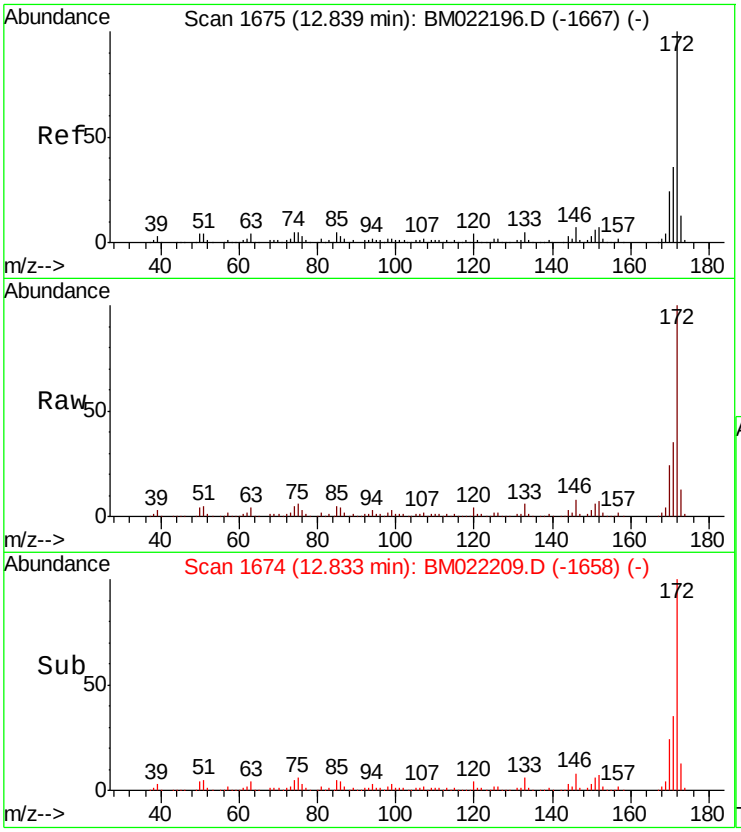


#42
2,4,6-Tribromophenol
Concen: 170.748 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

Tgt Ion:330 Resp: 236449

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



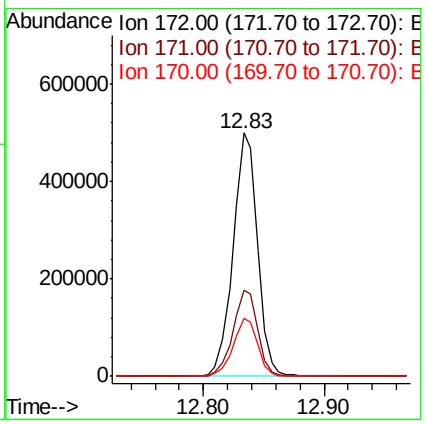


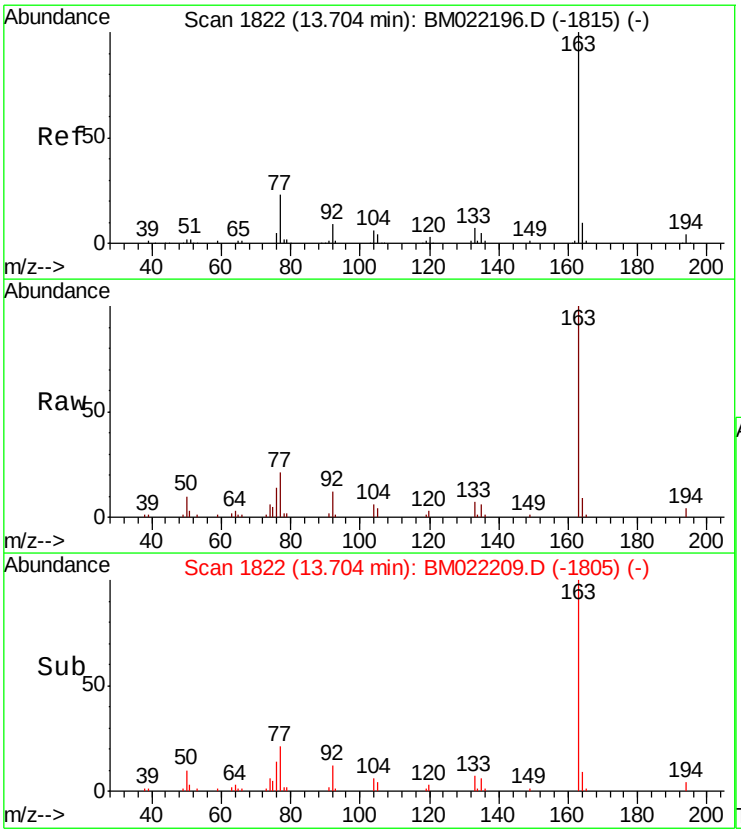
#45
2-Fluorobiphenyl
Concen: 102.732 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

Tgt Ion:172 Resp: 703707

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

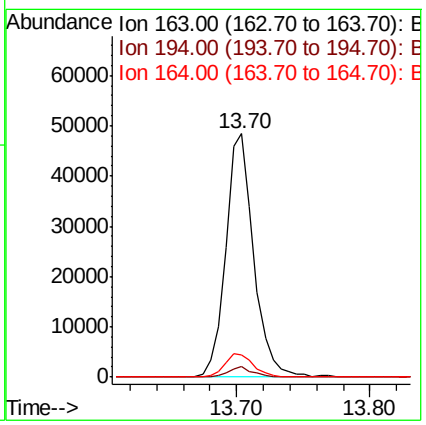


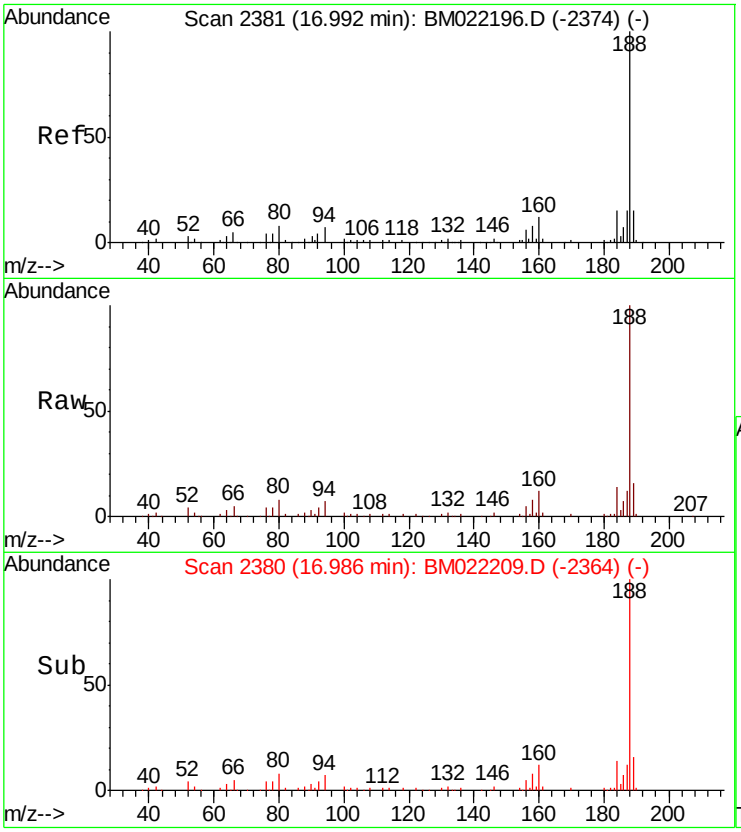


#50
Dimethylphthalate
Concen: 9.873 ng
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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



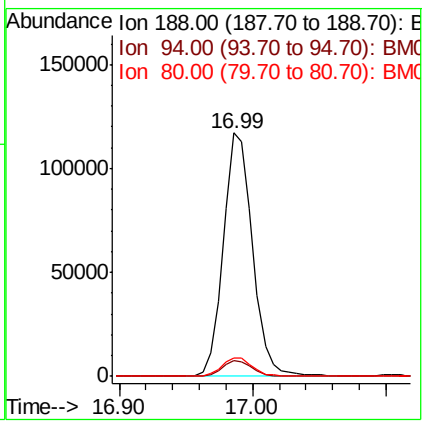


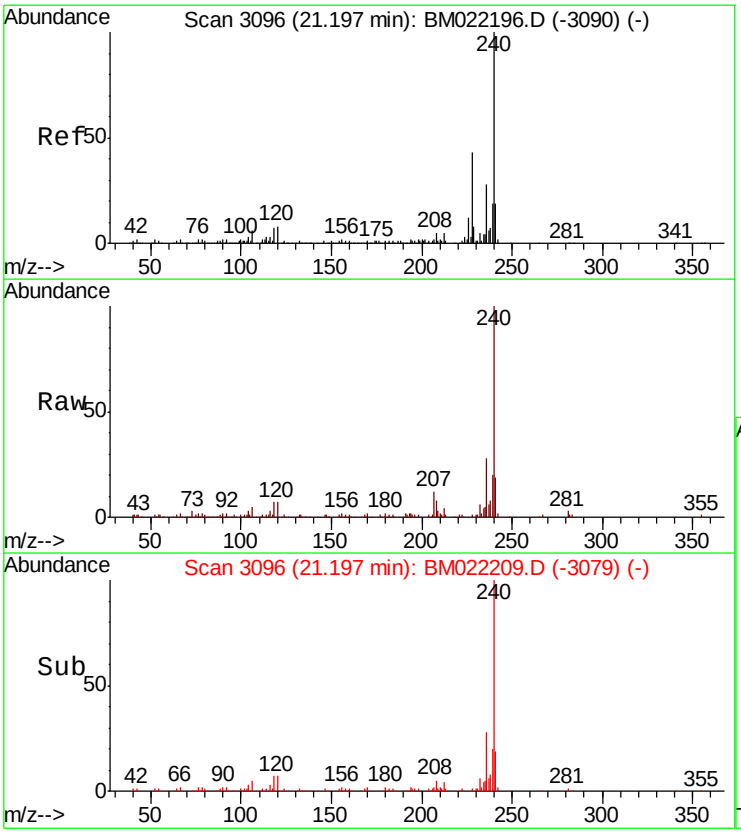
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

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

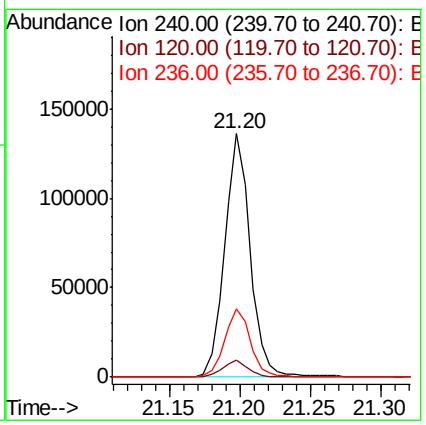


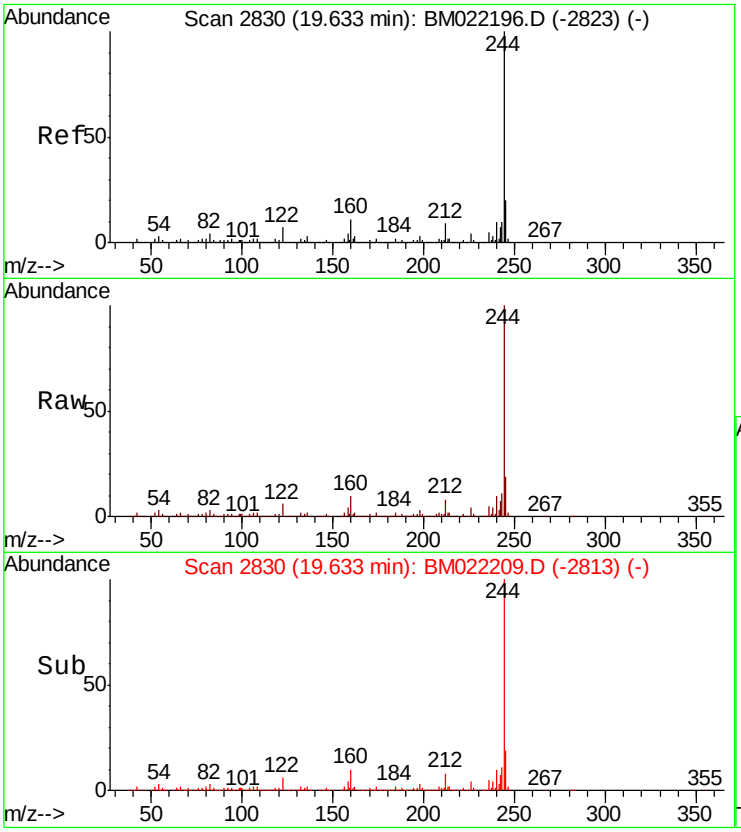


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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



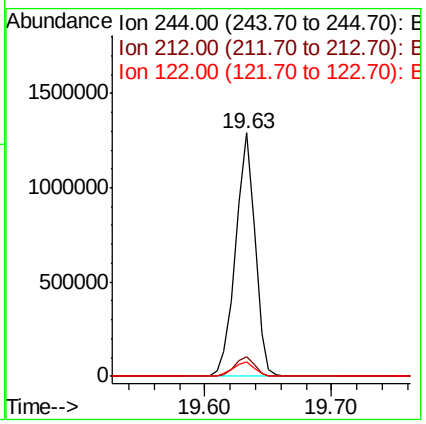


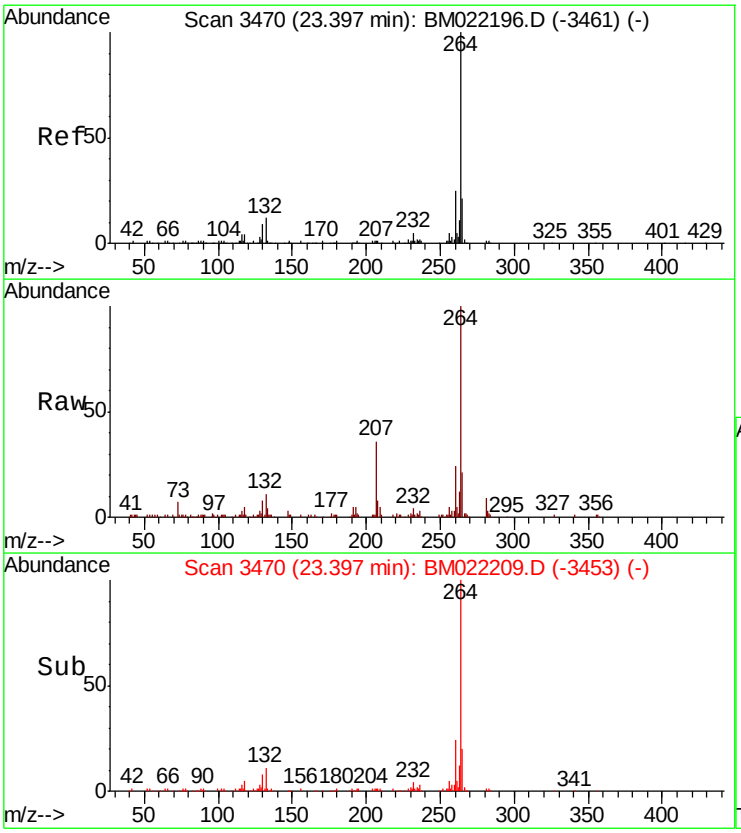
#79
Terphenyl-d14
Concen: 115.940 ng
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BM022209.D
Acq: 20 Aug 2019 13:09

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

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

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