Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016052.D
Acq On : 24 Jul 2018 07:15
Operator : SJ/JU
Sample : J3762-09
Misc : MDL 8 PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 24 09:39:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	39111	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	152105	20.00	ng		0.00
38) Acenaphthene-d10	14.85	164	81094	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	173201	20.00	ng		0.00
75) Chrysene-d12	21.70	240	192760	20.00	ng		0.00
86) Perylene-d12	24.07	264	204406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	305682	129.83	ng		0.00
7) Phenol-d6	7.38	99	381357	124.03	ng		0.00
23) Nitrobenzene-d5	9.41	82	293686	89.80	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	133568	129.86	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	594342	89.18	ng		0.00
78) Terphenyl-d14	20.15	244	1132921	123.03	ng		0.00
Target Compounds							Qvalue
40) Hexachlorocyclopentadiene	13.01	237	4047	10.372	ng		87
53) 2,4-Dinitrophenol	15.04	184	1308	8.089	ng	#	57
69) Pentachlorophenol	17.24	266	3907	2.921	ng		94

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

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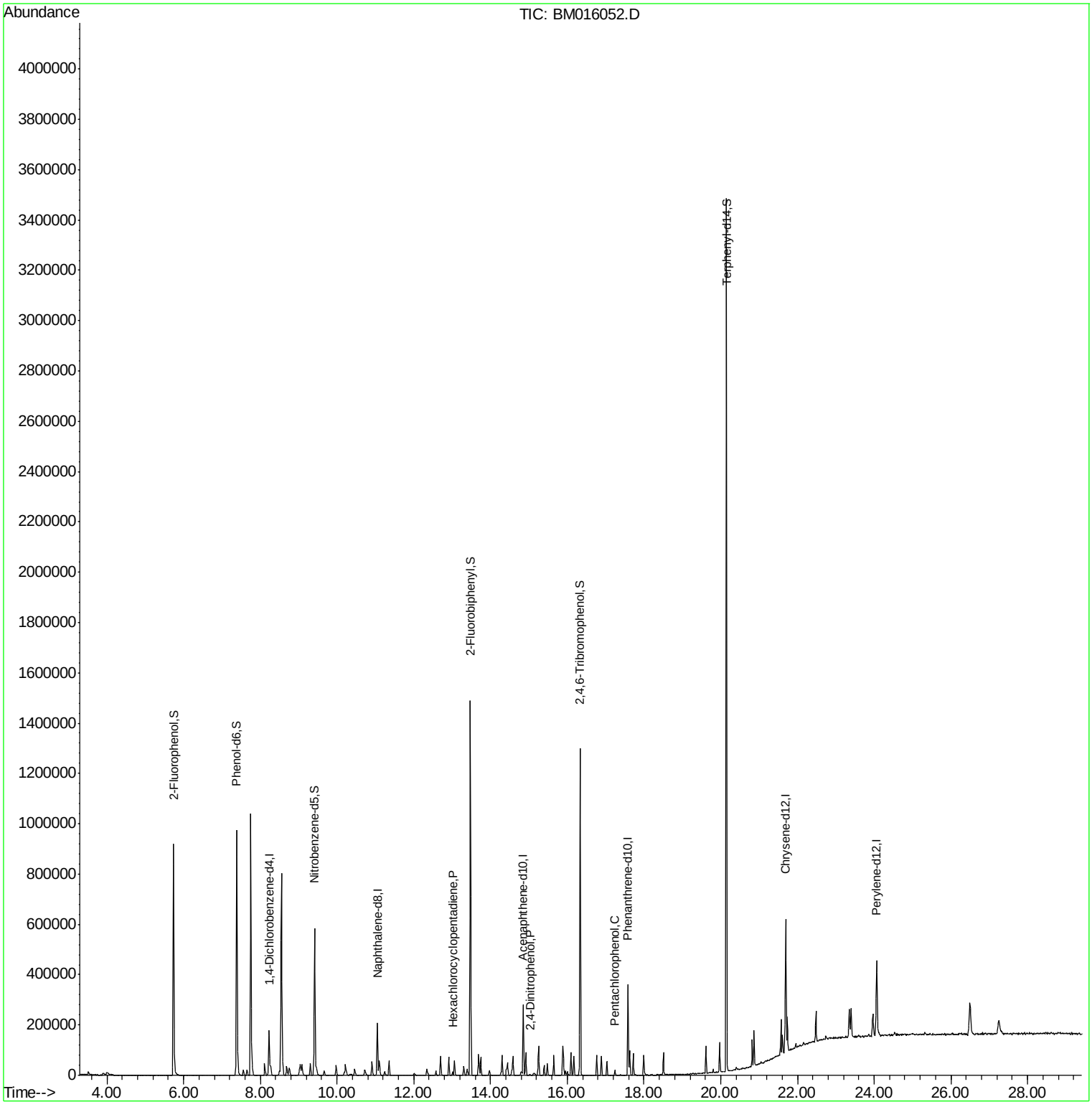
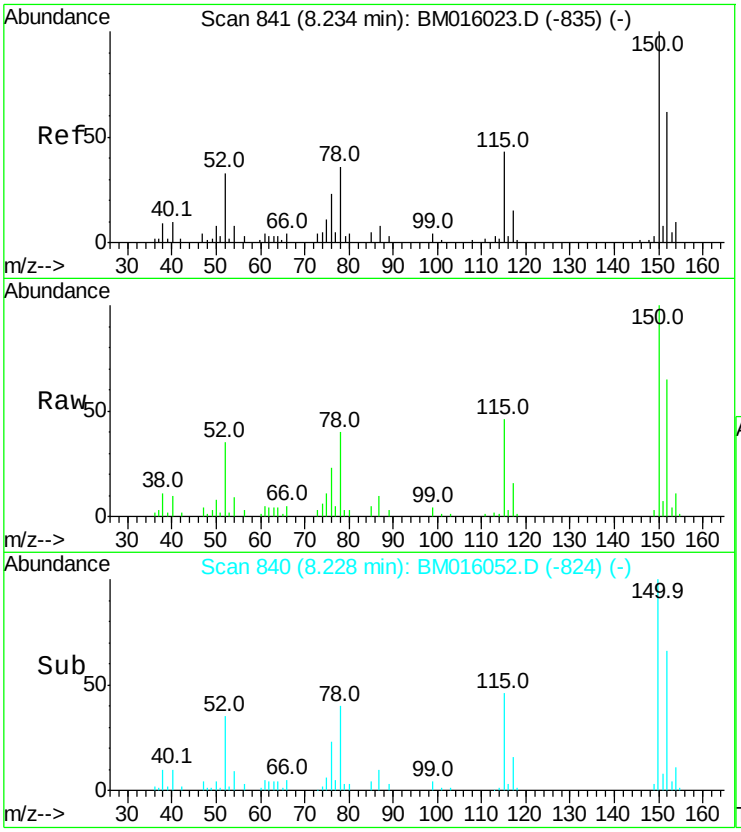


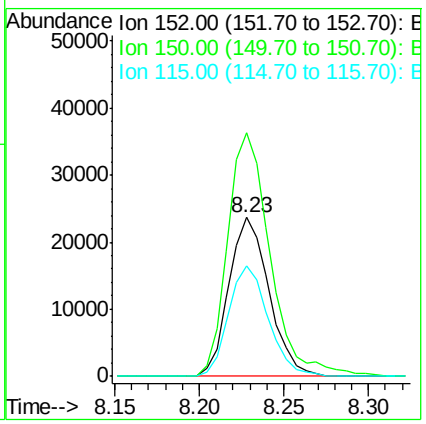


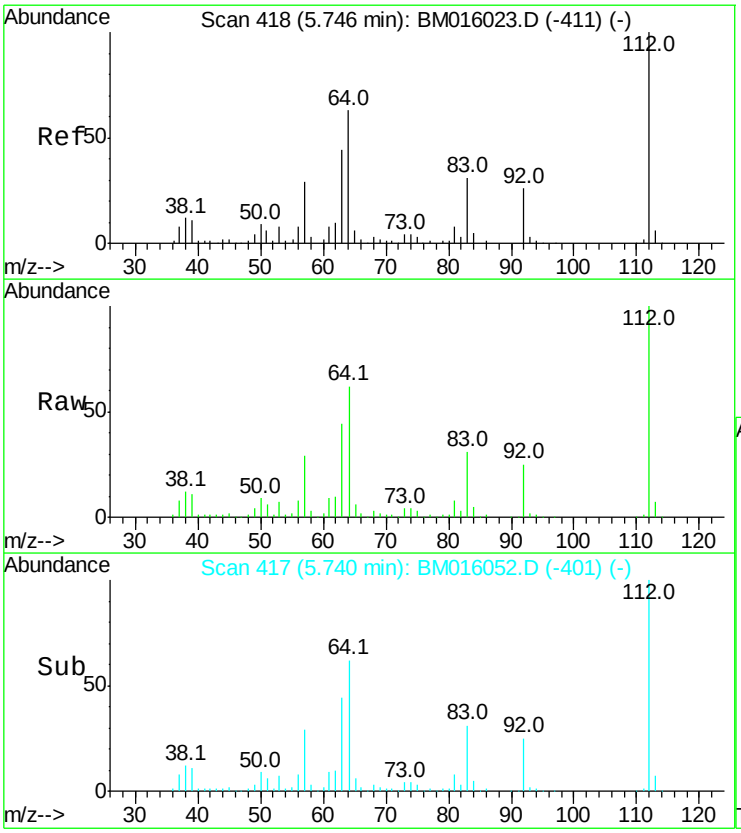
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:152 Resp: 39111

Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	69.8	43.0	64.4#

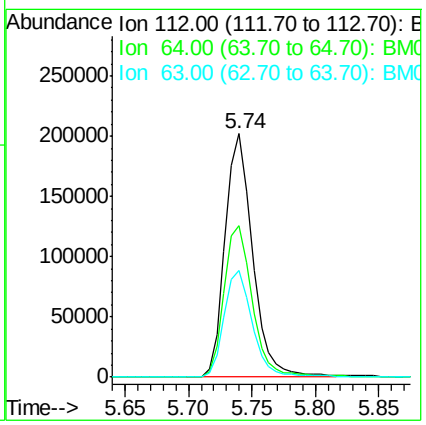


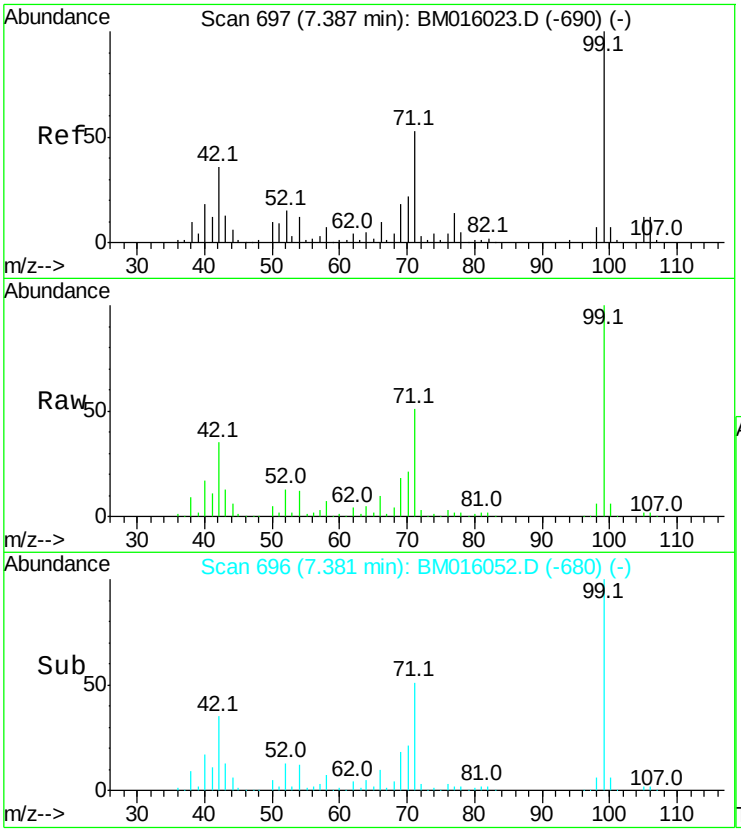


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:112 Resp: 305682

Ion	Ratio	Lower	Upper
112	100		
64	62.2	38.6	57.8#
63	44.0	19.3	28.9#



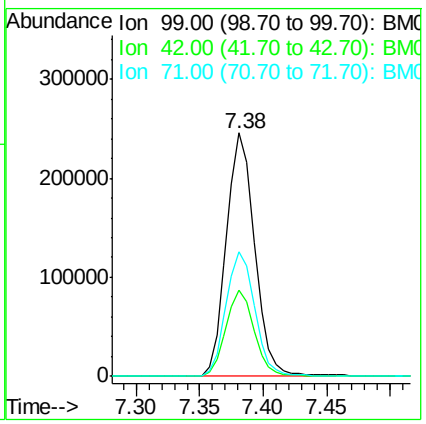


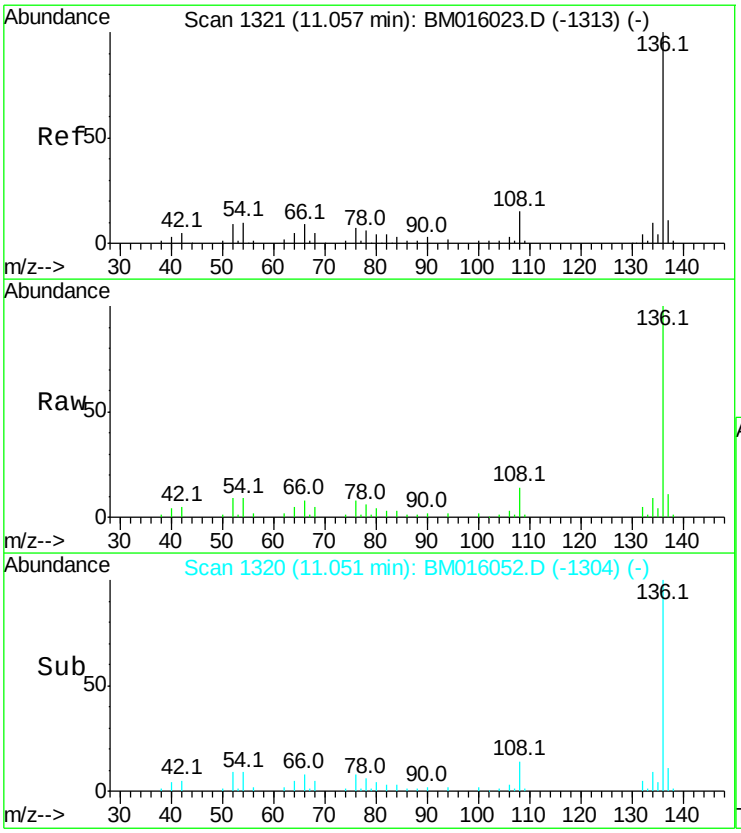
#7
Phenol-d6
Concen: N.D. ng
RT: 7.38 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 99 Resp: 381357

Ion	Ratio	Lower	Upper
99	100		
42	35.5	11.0	16.4#
71	51.2	23.4	35.2#

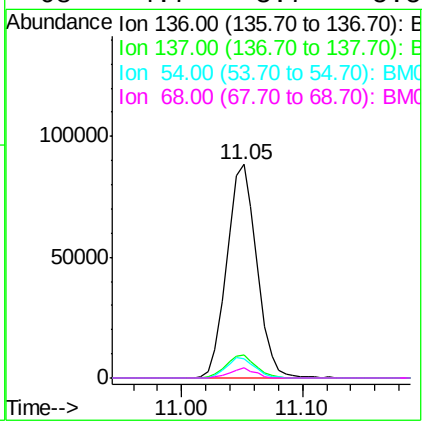


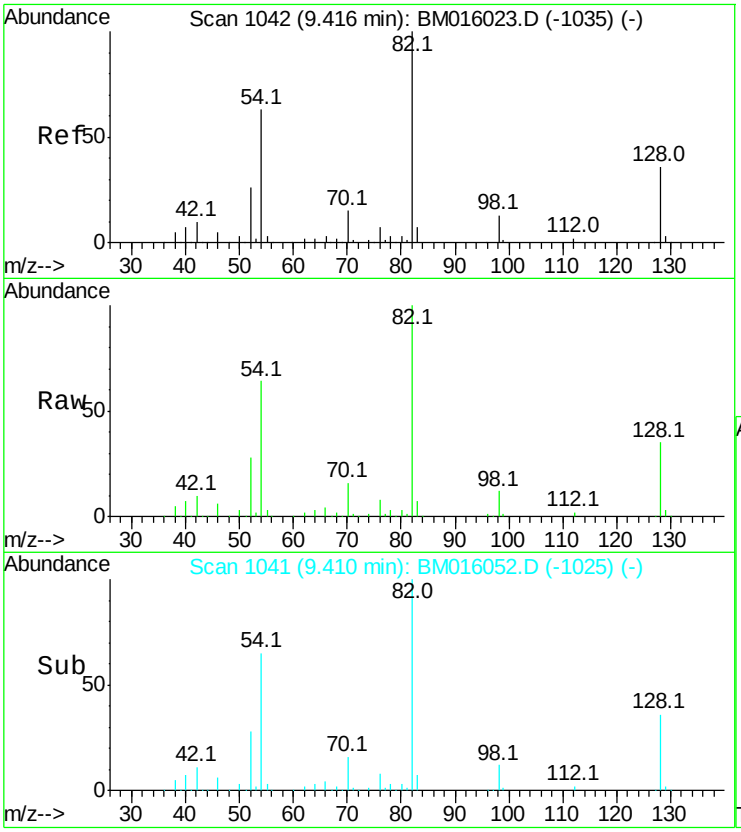


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:136 Resp: 152105

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.1	4.6	6.8#
68	4.7	3.7	5.5



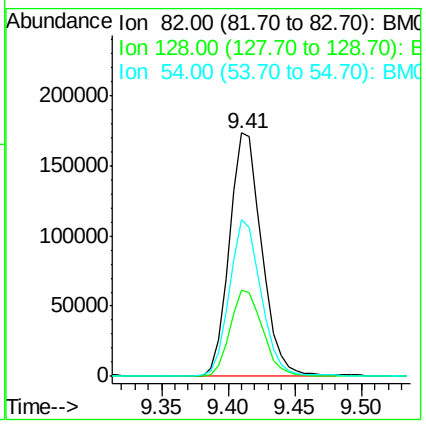


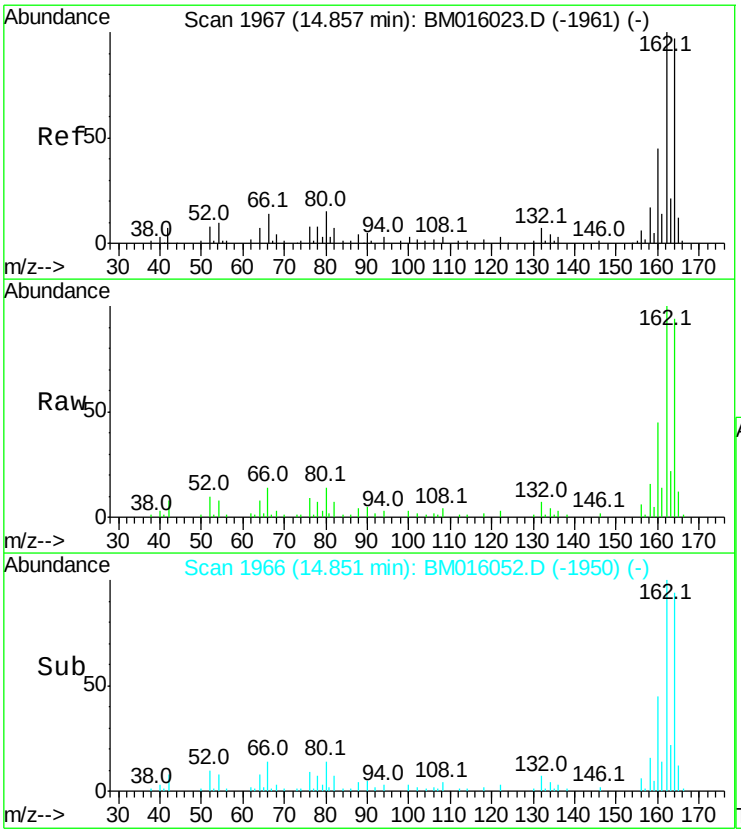
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.41 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 82 Resp: 293686

Ion	Ratio	Lower	Upper
82	100		
128	35.3	32.8	49.2
54	64.4	40.6	60.8#

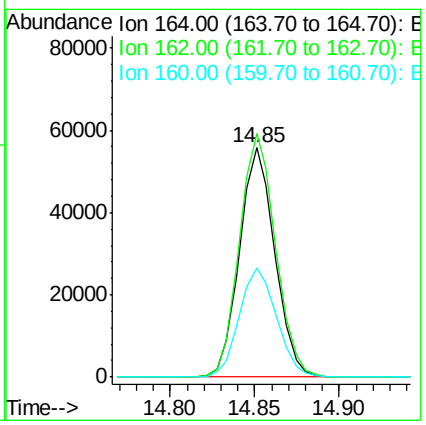


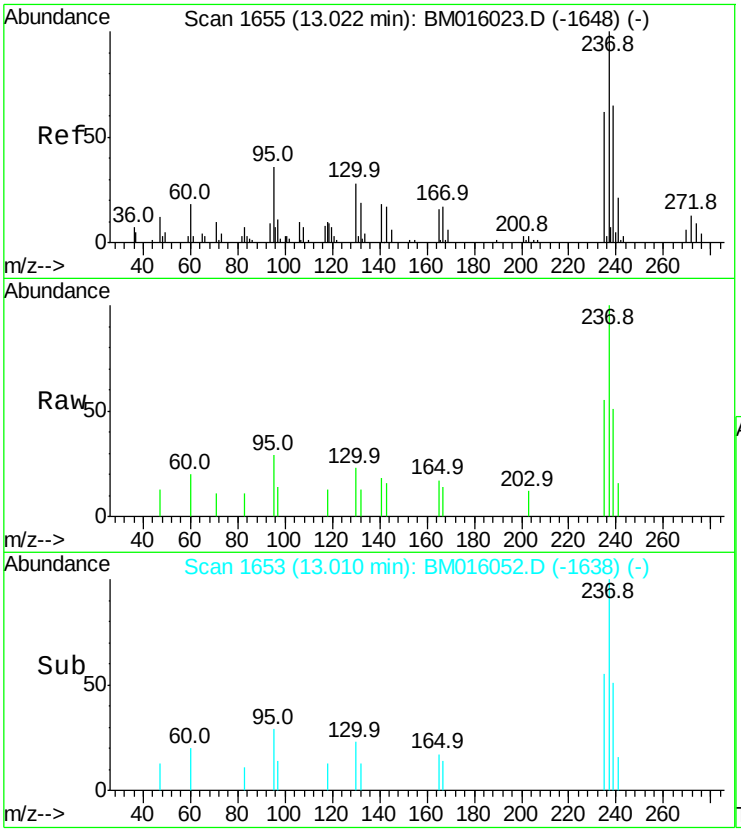


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:164 Resp: 81094

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	47.6	35.8	53.6



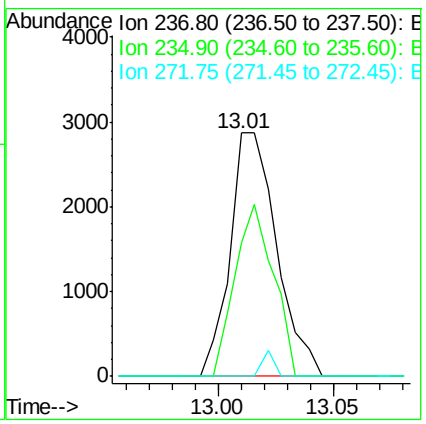


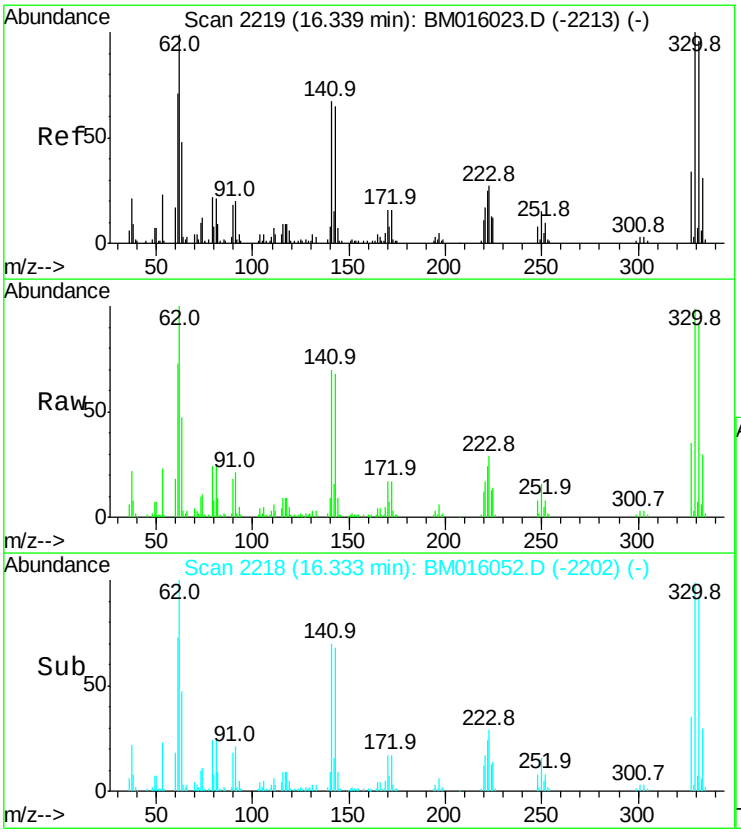
#40
Hexachlorocyclopentadiene
Concen: 10.372 ng
RT: 13.01 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:237 Resp: 4047

Ion	Ratio	Lower	Upper
237	100		
235	55.0	42.0	82.0
272	0.0	0.0	33.4

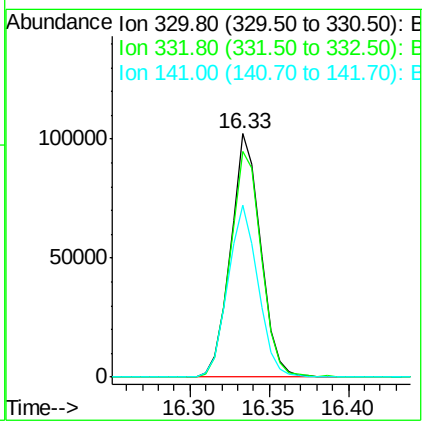


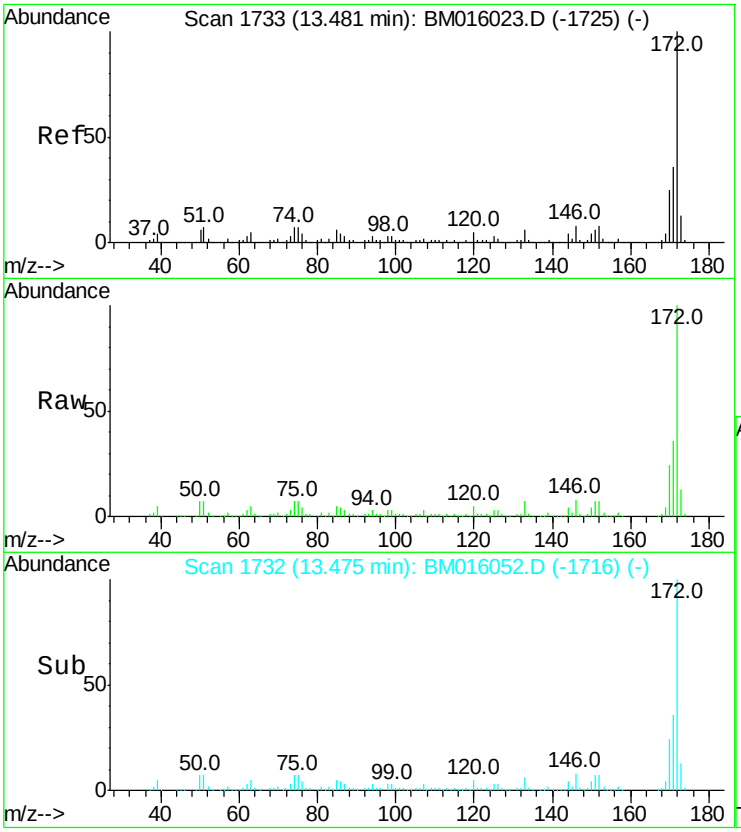


#41
2,4,6-Tribromophenol
Concen: 10.372 ng
RT: 16.33 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:330 Resp: 133568

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	71.1	0.0	0.0#



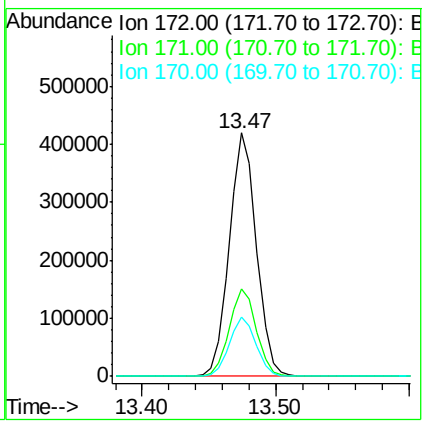


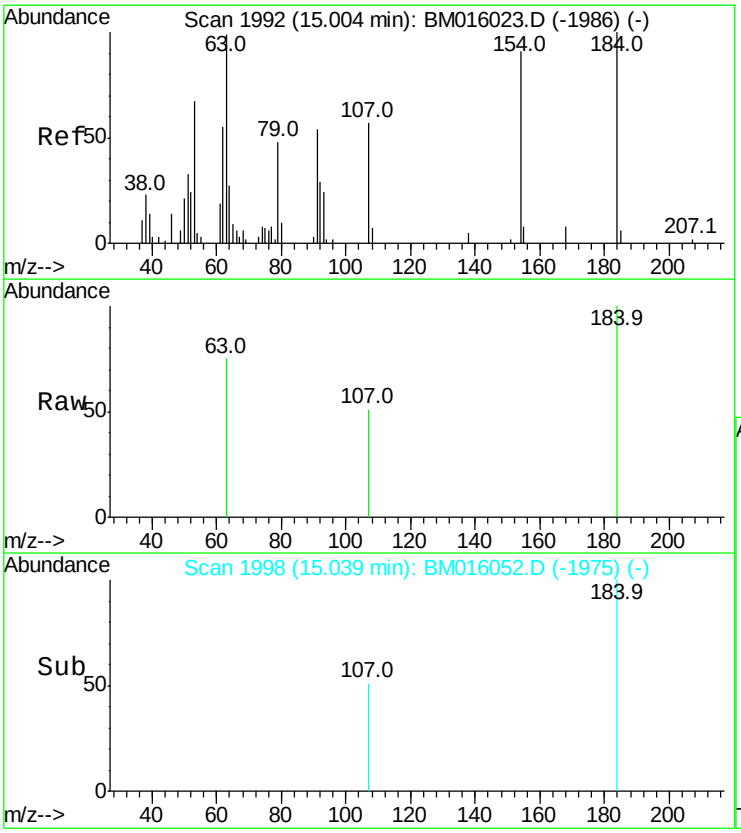
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.47 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:172 Resp: 594342

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.3	18.8	28.2

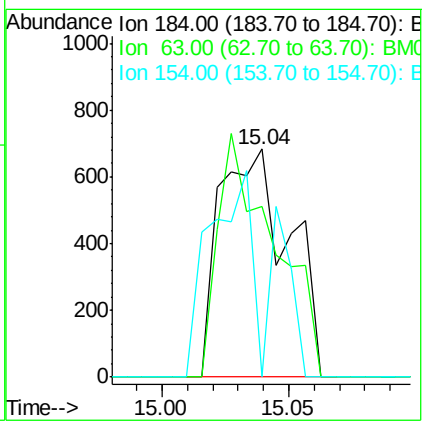


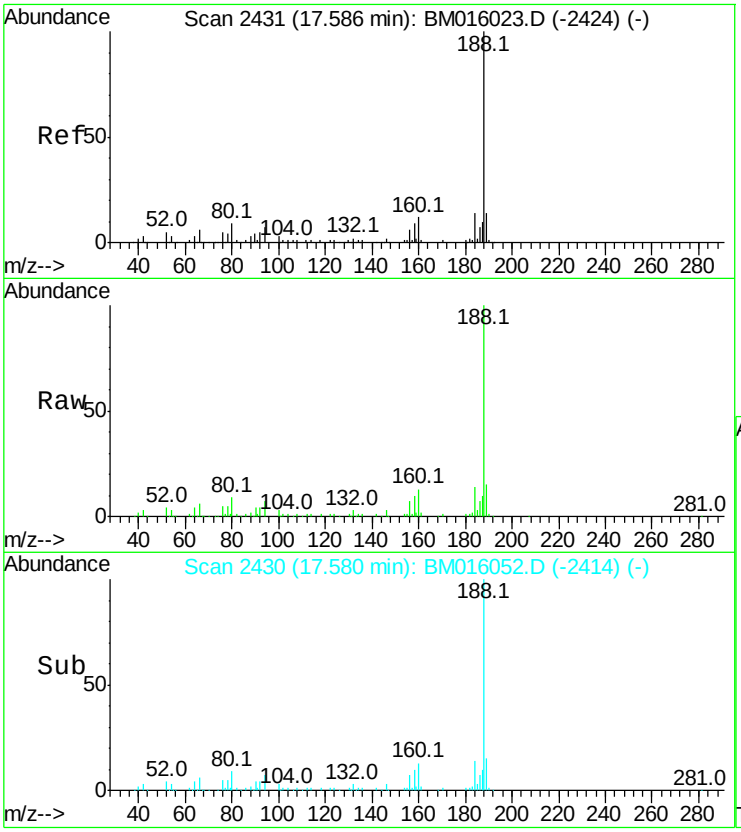


#53
2,4-Dinitrophenol
Concen: 8.089 ng
RT: 15.04 min Scan# 1998
Delta R.T. 0.04 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:184 Resp: 1308

Ion	Ratio	Lower	Upper
184	100		
63	75.0	69.2	103.8
154	0.0	53.3	79.9#



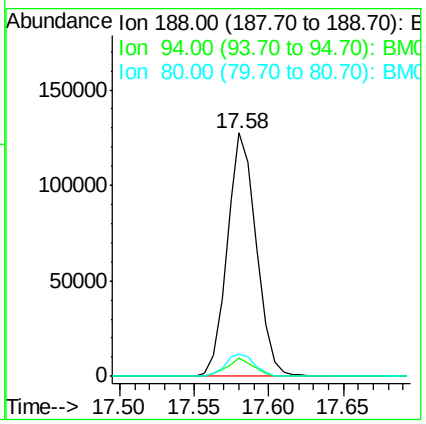


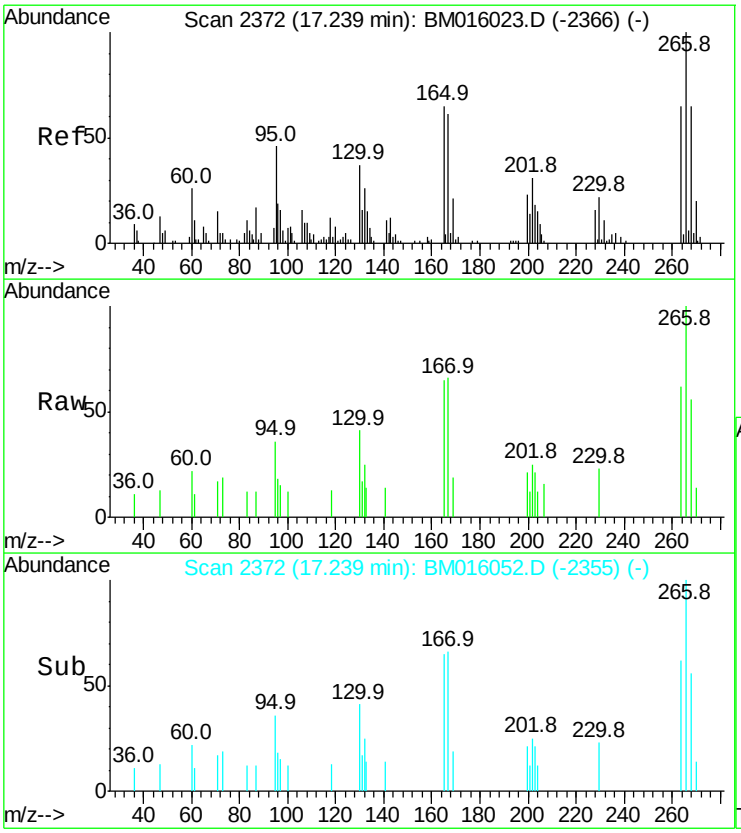
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.58 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:188 Resp: 173201

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.9	9.3	13.9#

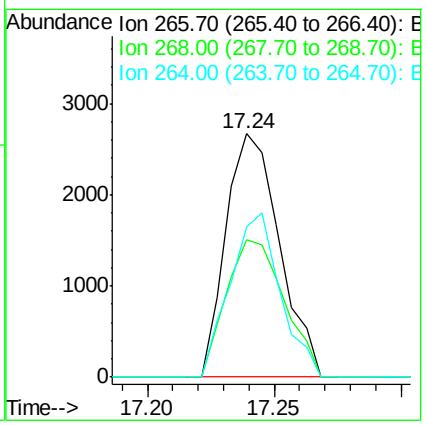


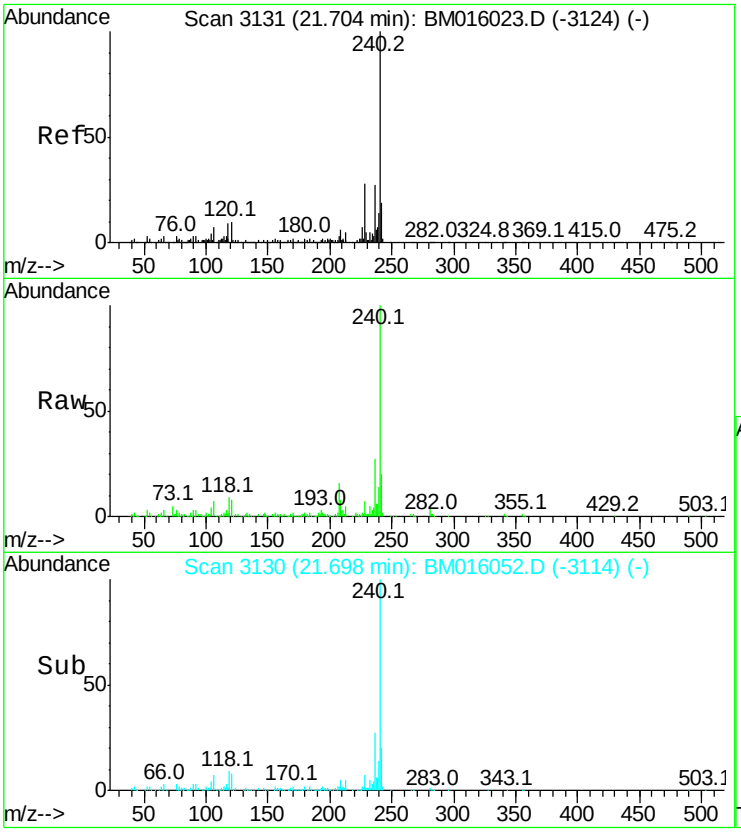


#69
Pentachlorophenol
Concen: 2.921 ng
RT: 17.24 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:266 Resp: 3907

Ion	Ratio	Lower	Upper
266	100		
268	56.4	52.0	78.0
264	61.9	49.0	73.4



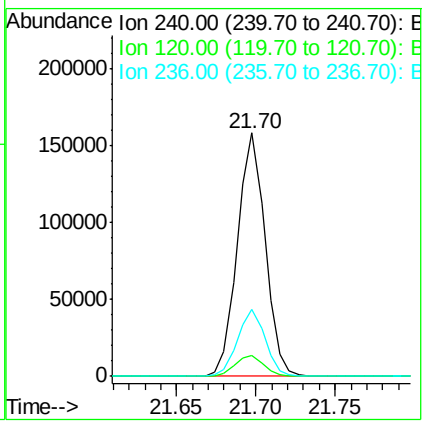


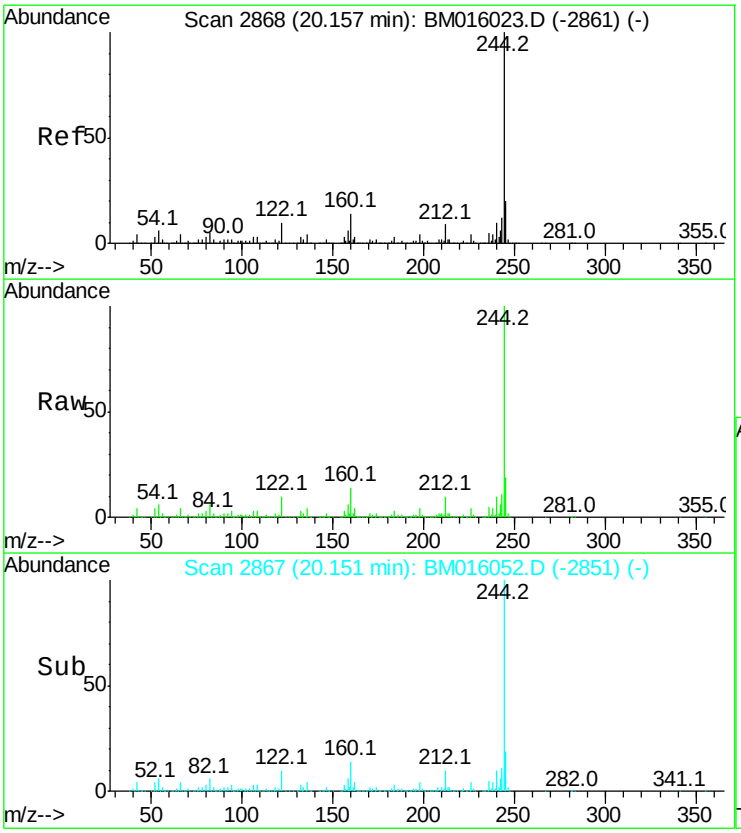
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:240 Resp: 192760

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	27.3	20.0	30.0

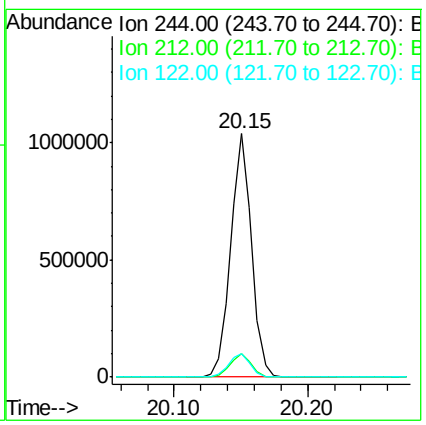


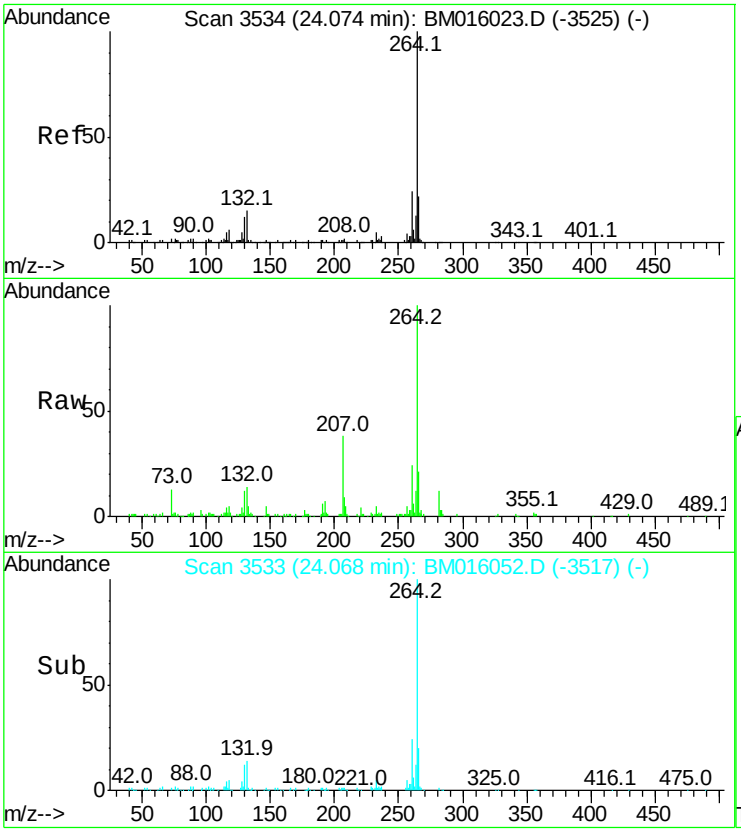


#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.15 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:244 Resp: 1132921

Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	9.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.07 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:264 Resp: 204406

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.3	17.3	25.9