Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120418\
Data File : BM017884.D
Acq On : 03 Dec 2018 21:17
Operator : JU/SJ
Sample : J6149-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ENGINE-WASH

Quant Time: Dec 04 07:23:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	190752	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	818607	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	479499	20.00	ng	-0.04
64) Phenanthrene-d10	16.98	188	1062228	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	912684	20.00	ng	-0.03
87) Perylene-d12	23.37	264	820257	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1171136	103.61	ng	-0.03
7) Phenol-d6	6.77	99	1391910	88.17	ng	-0.03
23) Nitrobenzene-d5	8.73	82	1189466	75.01	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	887875	128.87	ng	-0.04
45) 2-Fluorobiphenyl	12.84	172	3045205	82.39	ng	-0.04
79) Terphenyl-d14	19.63	244	3984209	98.94	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.80	94	54659	3.299	ng	93
20) 3+4-Methylphenols	8.36	107	67567	4.357	ng	92
32) Benzoic acid	9.71	122	64212	6.637	ng	96

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

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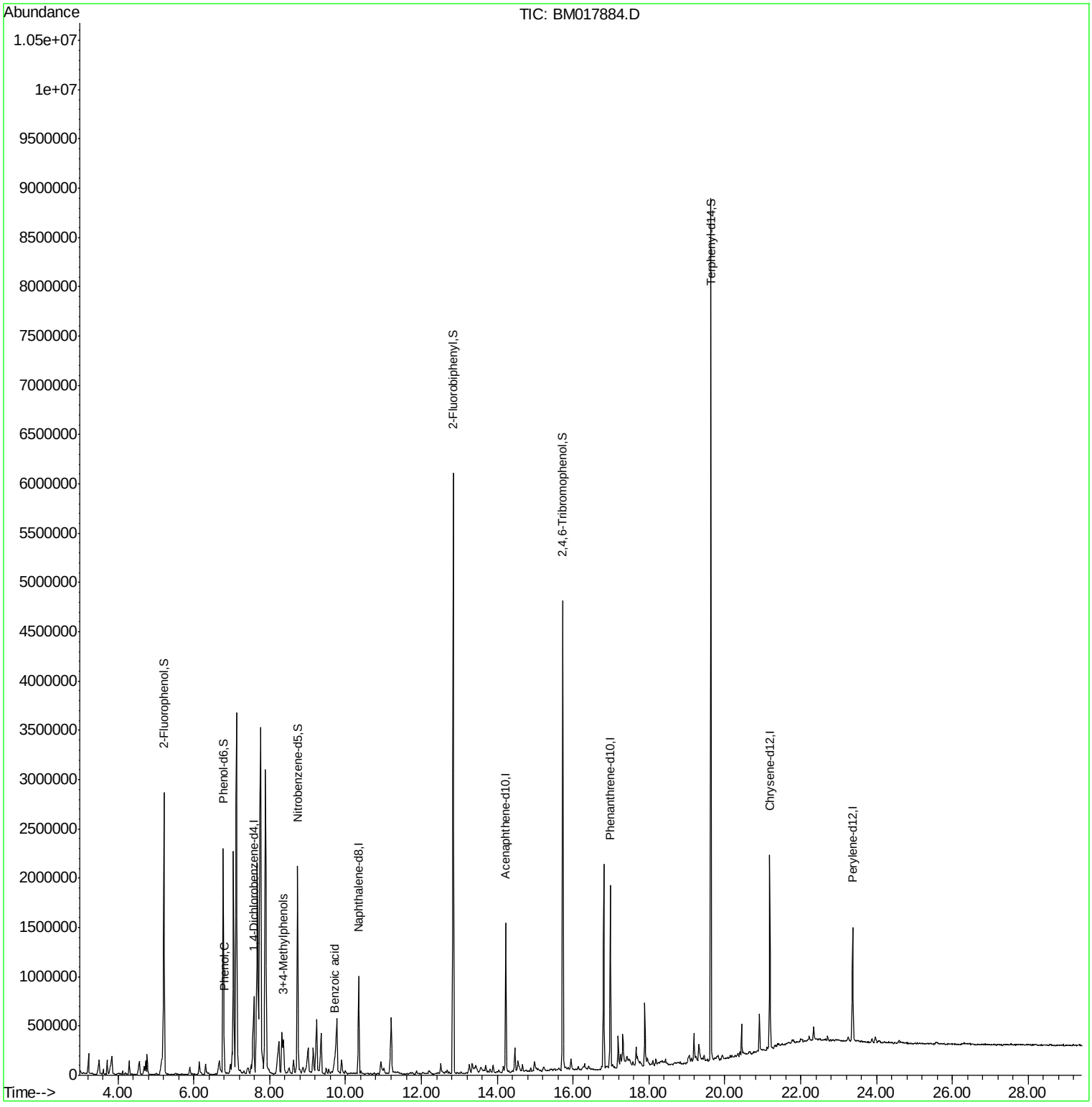
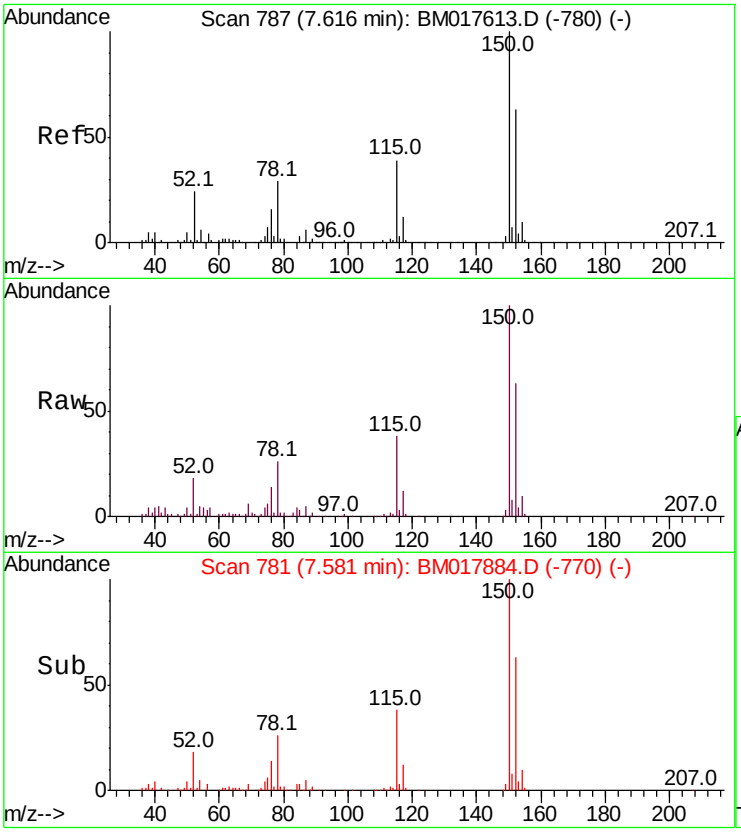


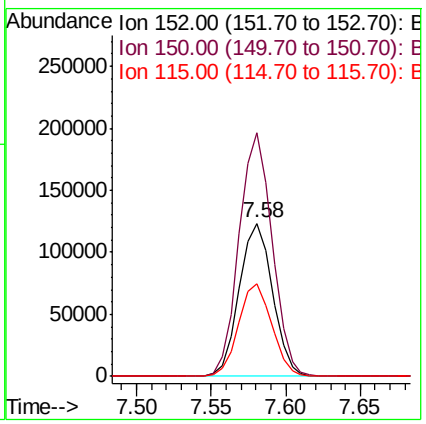


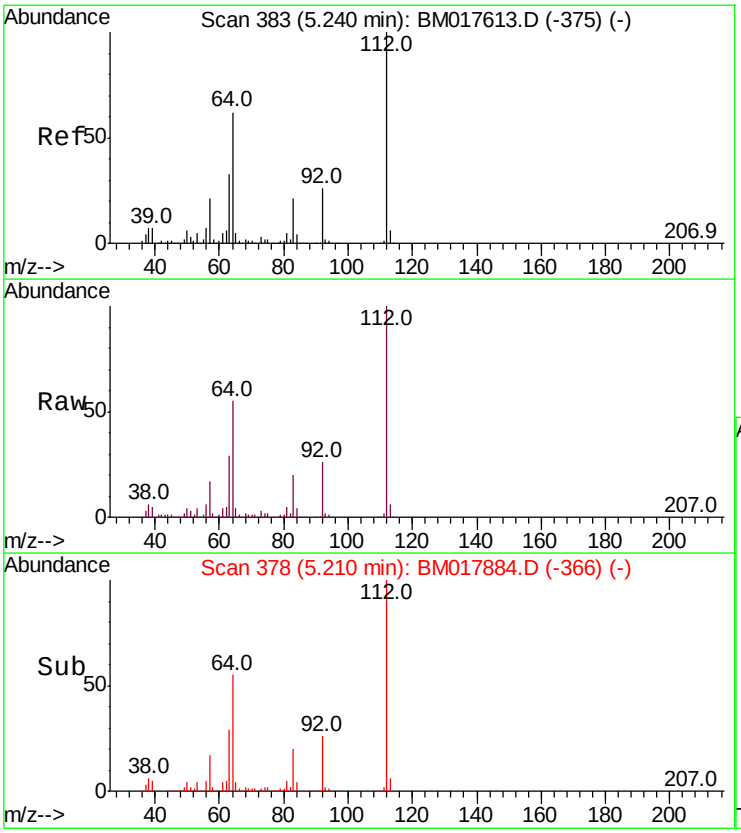
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:152 Resp: 190752

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.4	189.6
115	60.6	49.4	74.0

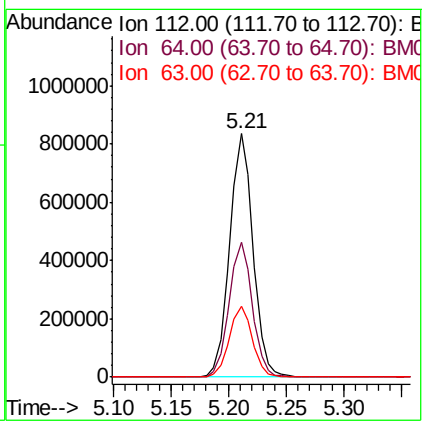


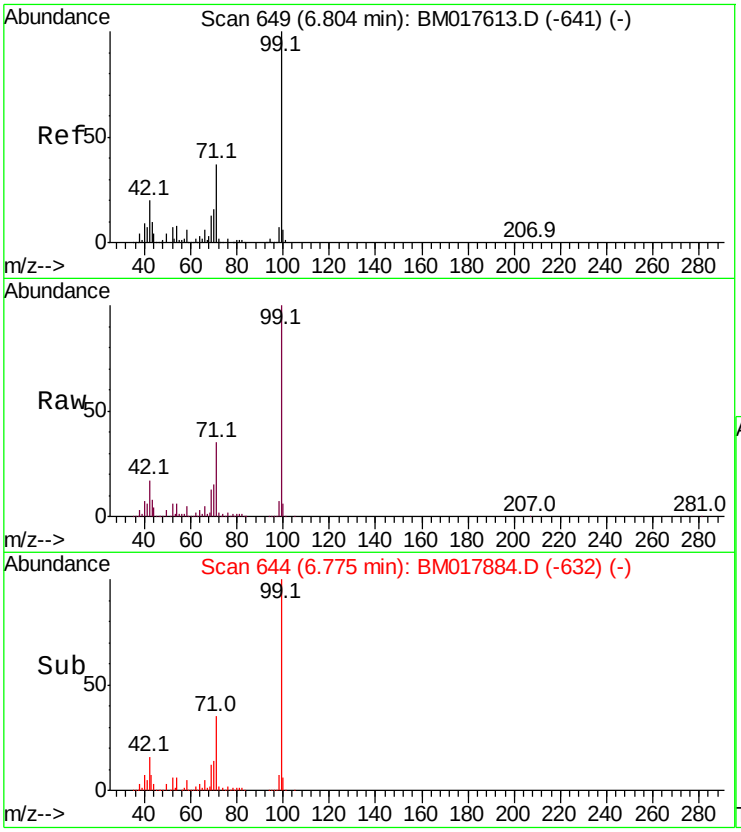


#5
2-Fluorophenol
Concen: 103.614 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:112 Resp: 1171136

Ion	Ratio	Lower	Upper
112	100		
64	55.3	49.3	73.9
63	29.2	26.2	39.4



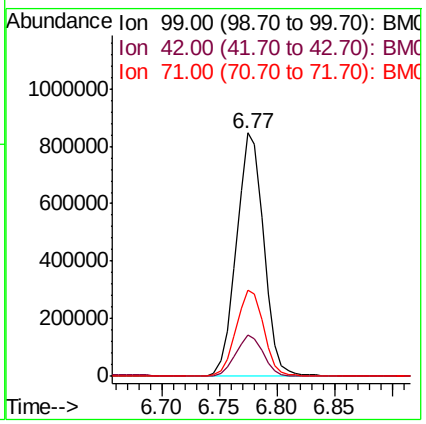


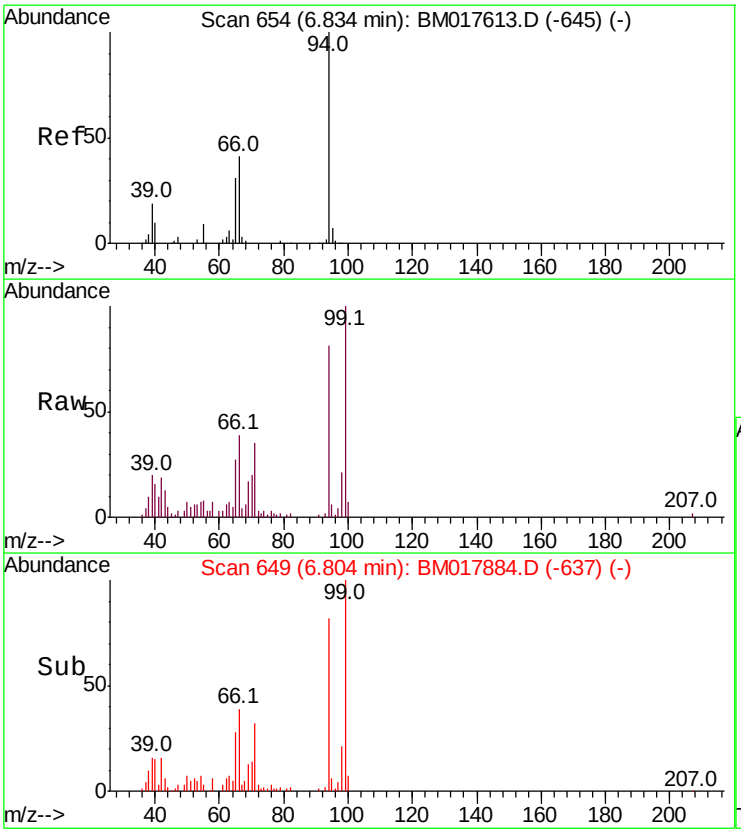
#7
Phenol-d6
Concen: 88.173 ng
RT: 6.77 min Scan# 644
Delta R.T. -0.03 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion: 99 Resp: 1391910

Ion	Ratio	Lower	Upper
99	100		
42	16.8	16.3	24.5
71	35.3	29.8	44.8

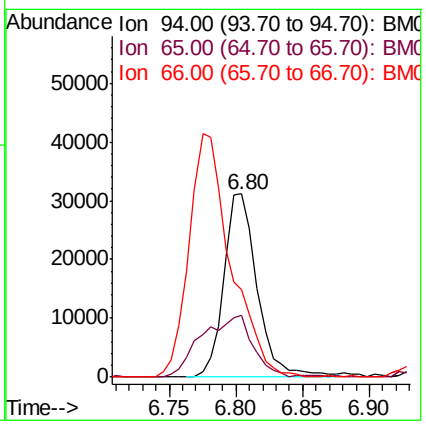


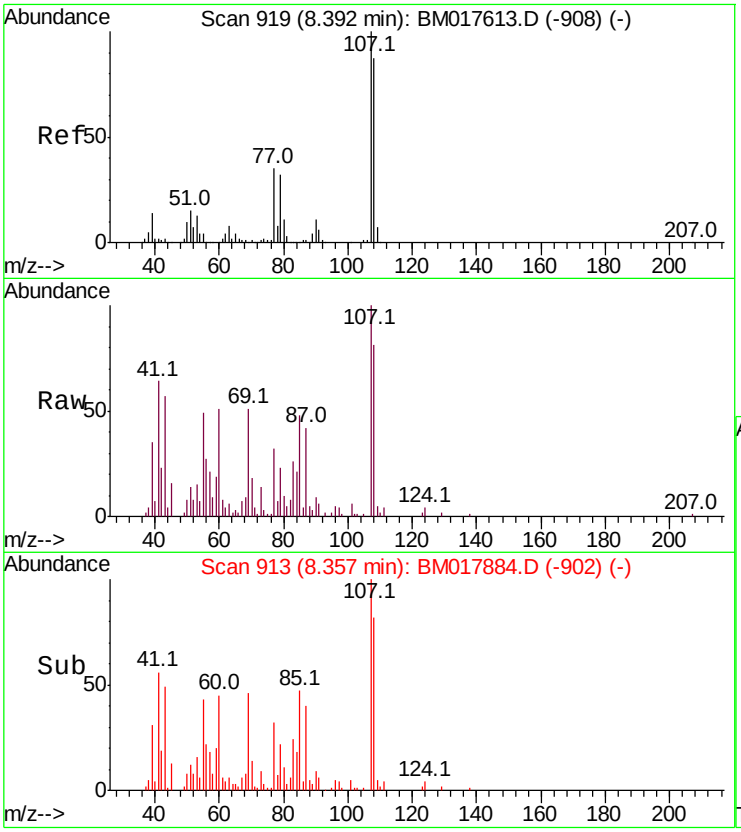


#10
Phenol
Concen: 3.299 ng
RT: 6.80 min Scan# 649
Delta R.T. -0.03 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion: 94 Resp: 54659

Ion	Ratio	Lower	Upper
94	100		
65	33.7	11.4	51.4
66	47.5	21.4	61.4



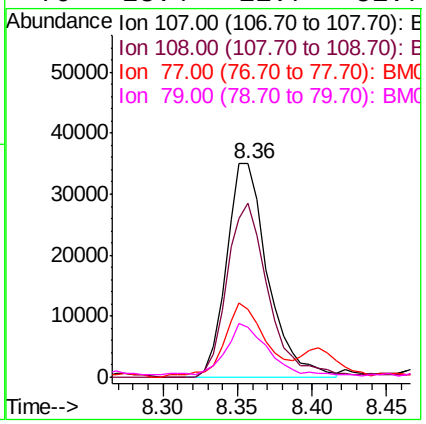


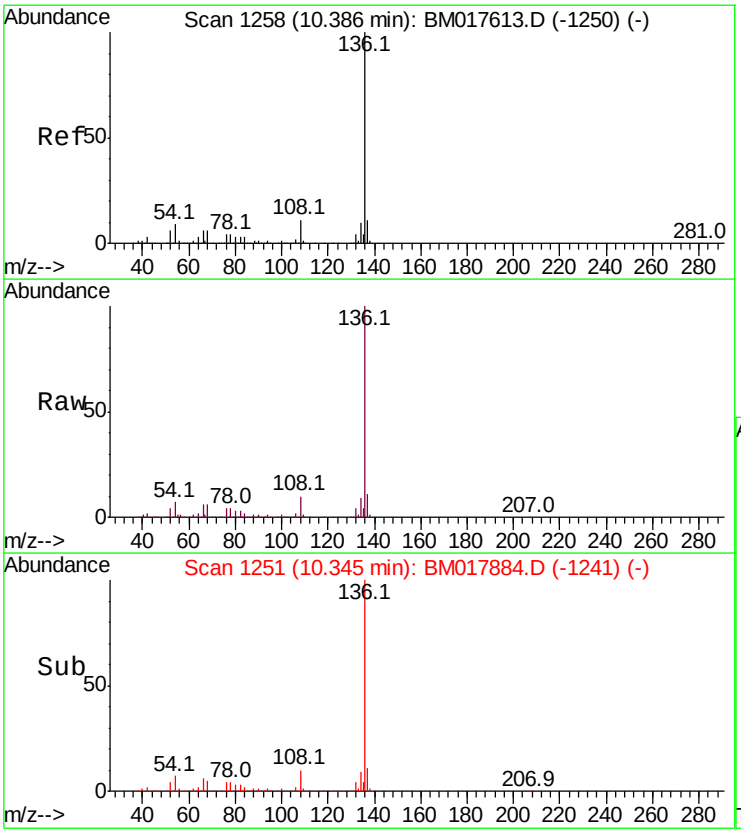
#20
3+4-Methylphenols
Concen: 4.357 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:107 Resp: 67567

Ion	Ratio	Lower	Upper
107	100		
108	81.4	67.0	107.0
77	31.8	15.6	55.6
79	23.4	11.7	51.7

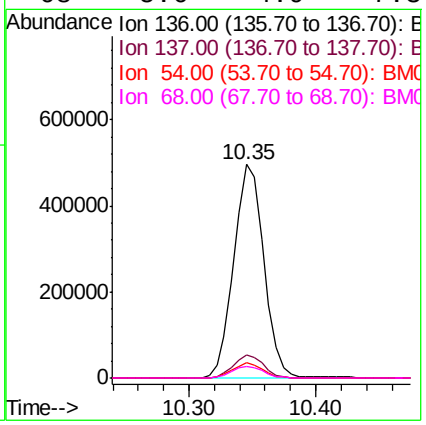


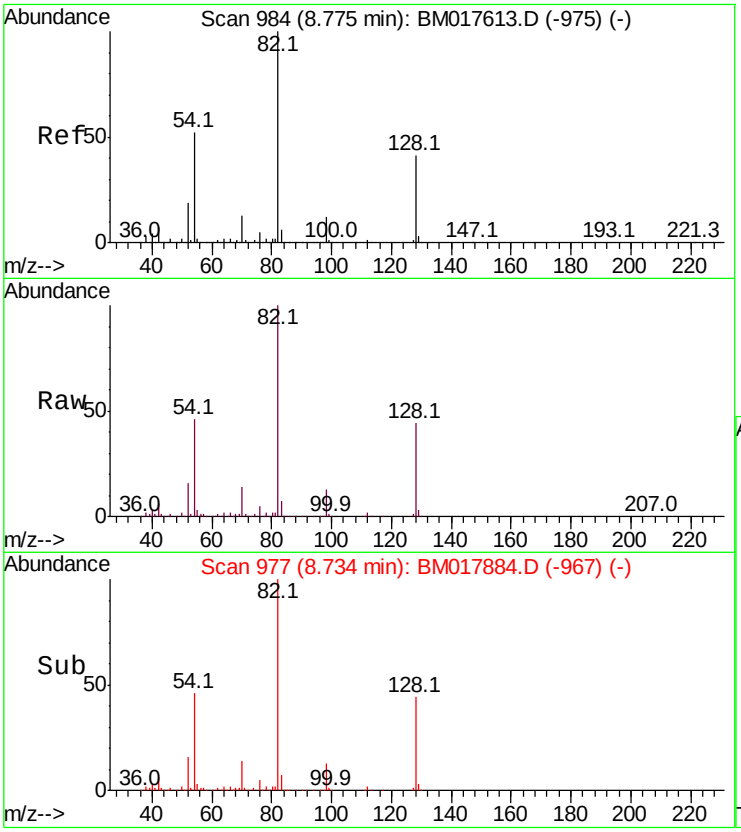


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:136 Resp: 818607

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.1	7.0	10.6
68	5.6	4.9	7.3



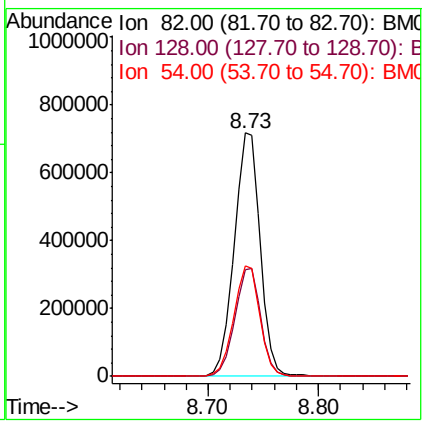


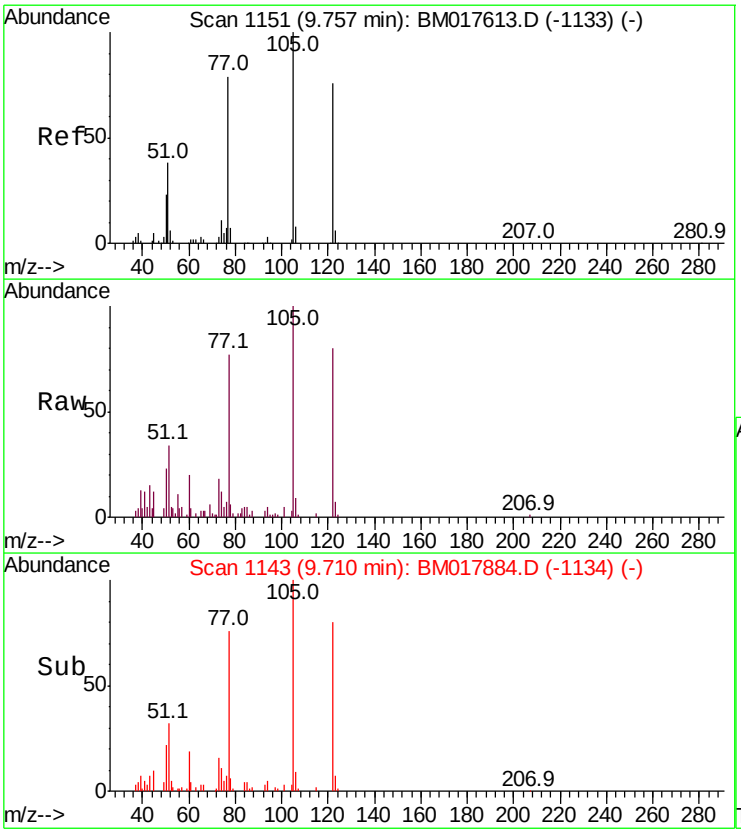
#23
Nitrobenzene-d5
Concen: 75.013 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion: 82 Resp: 1189466

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.0	49.4
54	45.6	41.4	62.2

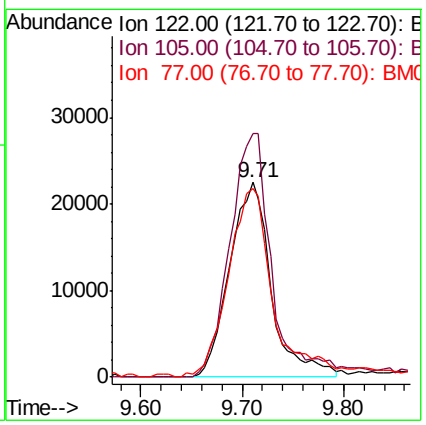


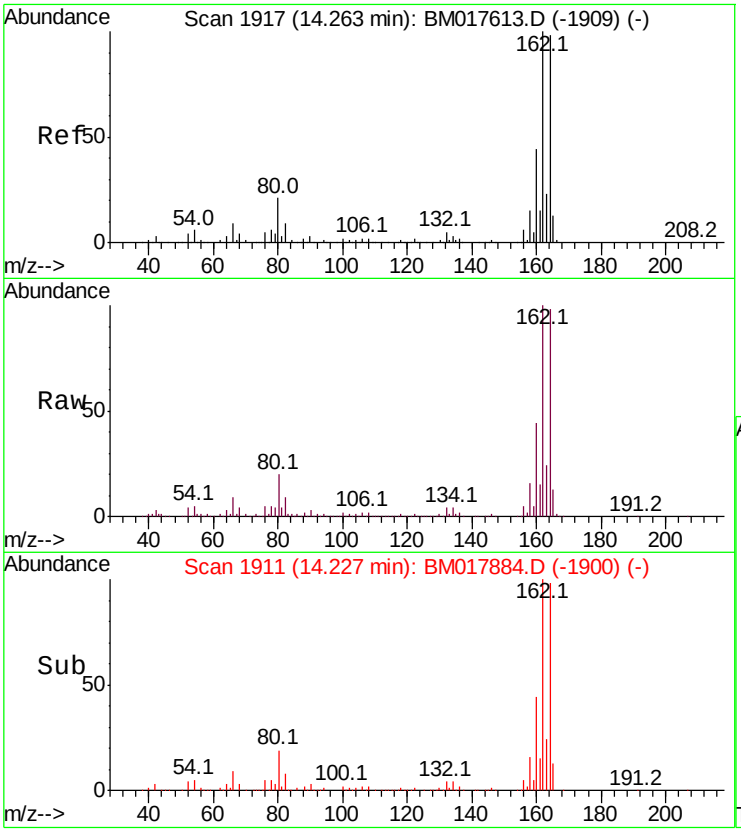


#32
Benzoic acid
Concen: 6.637 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:122 Resp: 64212

Ion	Ratio	Lower	Upper
122	100		
105	124.9	109.1	149.1
77	96.5	82.1	122.1



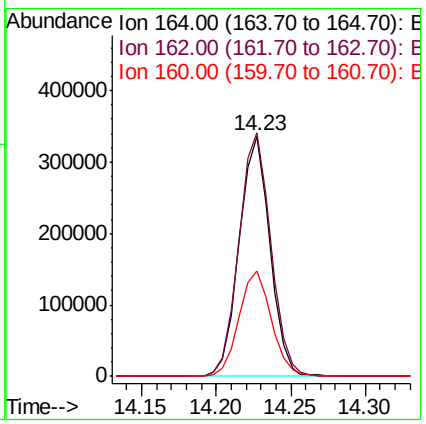


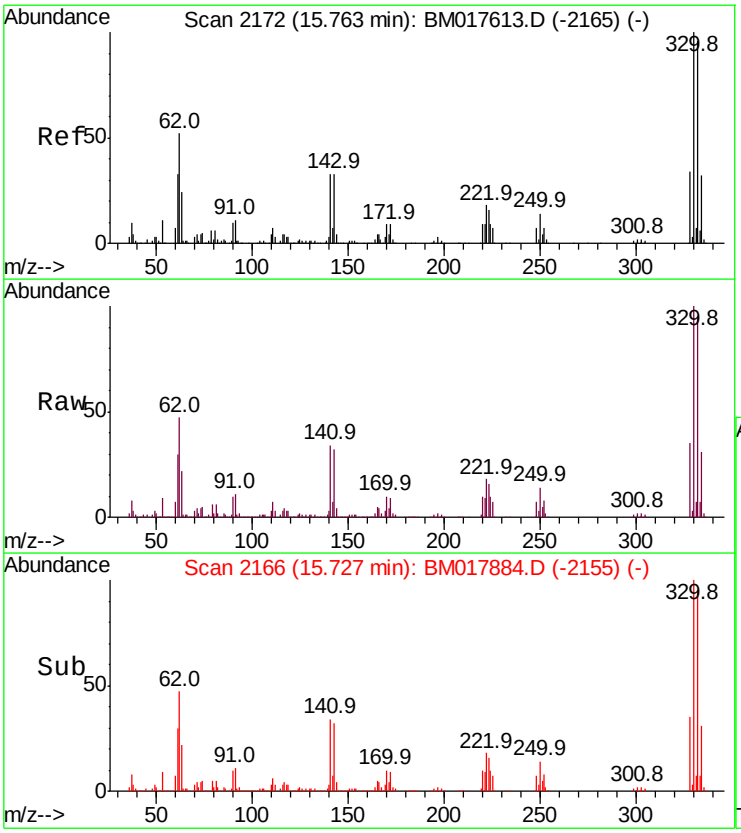
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:164 Resp: 479499

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.2	35.6	53.4

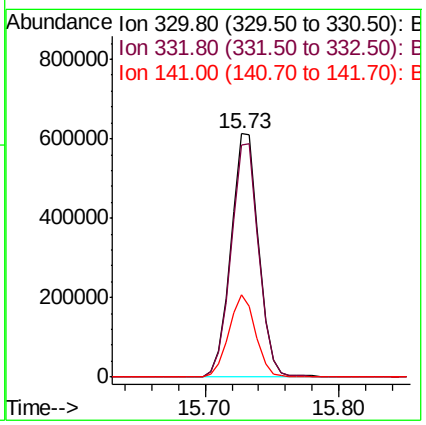


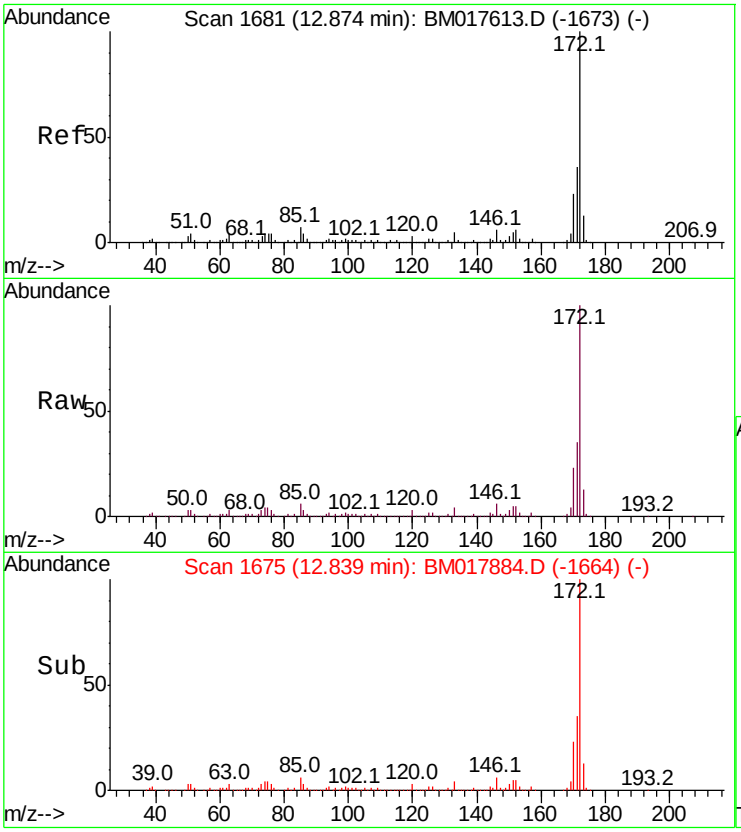


#42
2,4,6-Tribromophenol
Concen: 128.869 ng
RT: 15.73 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:330 Resp: 887875

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.9	116.9
141	32.7	27.5	41.3



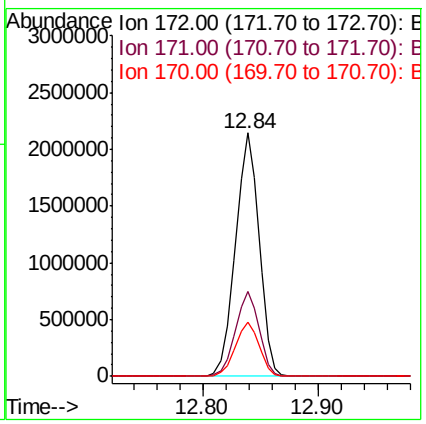


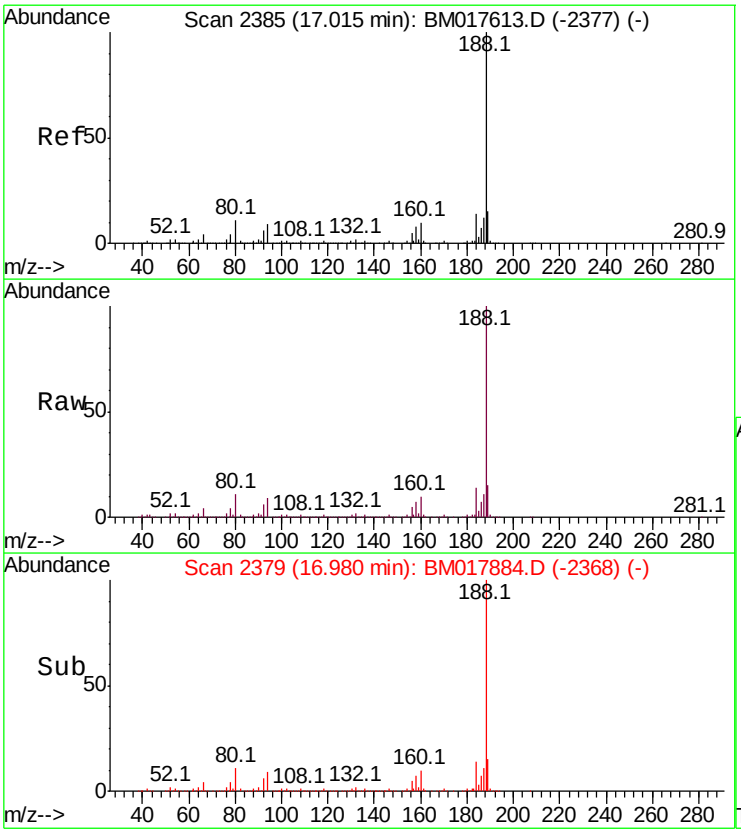
#45
2-Fluorobiphenyl
Concen: 82.391 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:172 Resp: 3045205

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.5	18.3	27.5

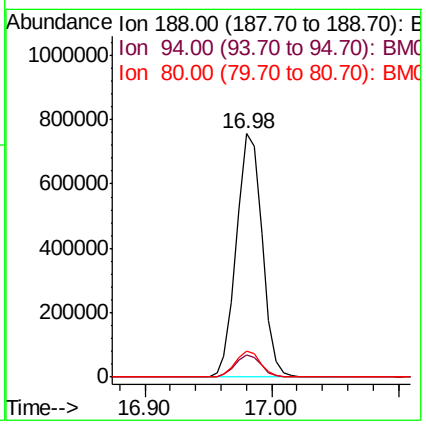


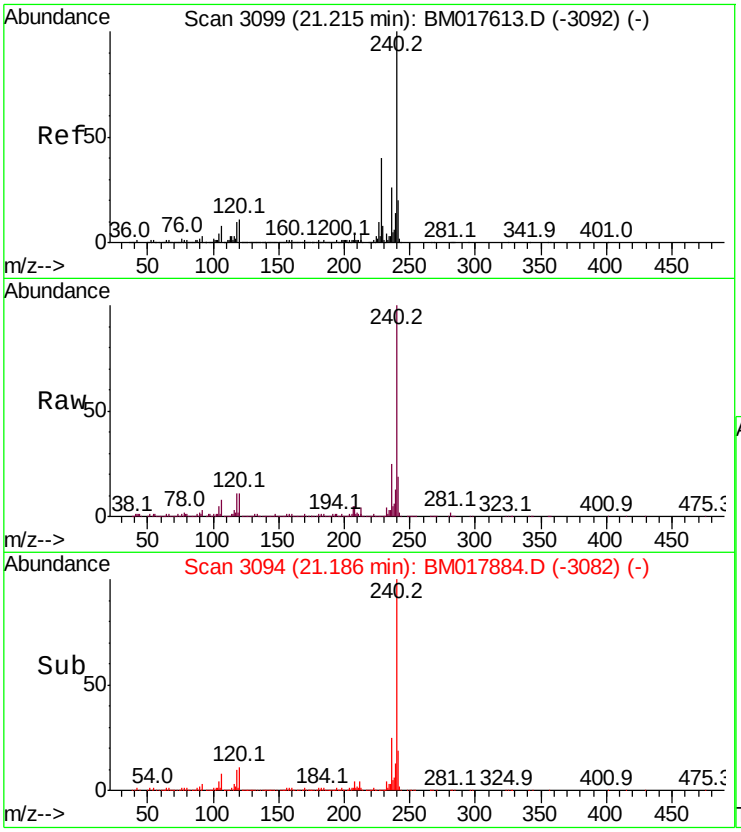


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:188 Resp: 1062228

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	10.6	8.6	13.0



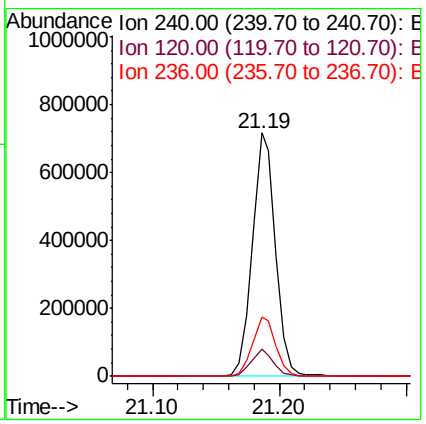


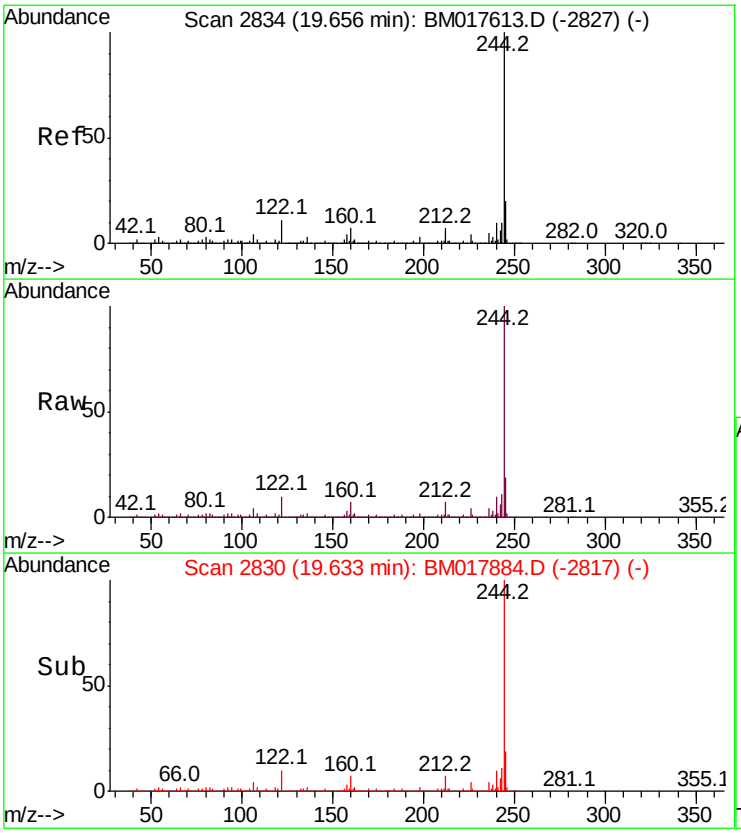
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:240 Resp: 912684

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.5	12.7
236	24.6	20.4	30.6

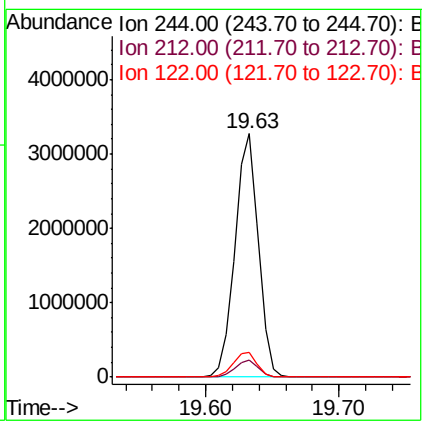


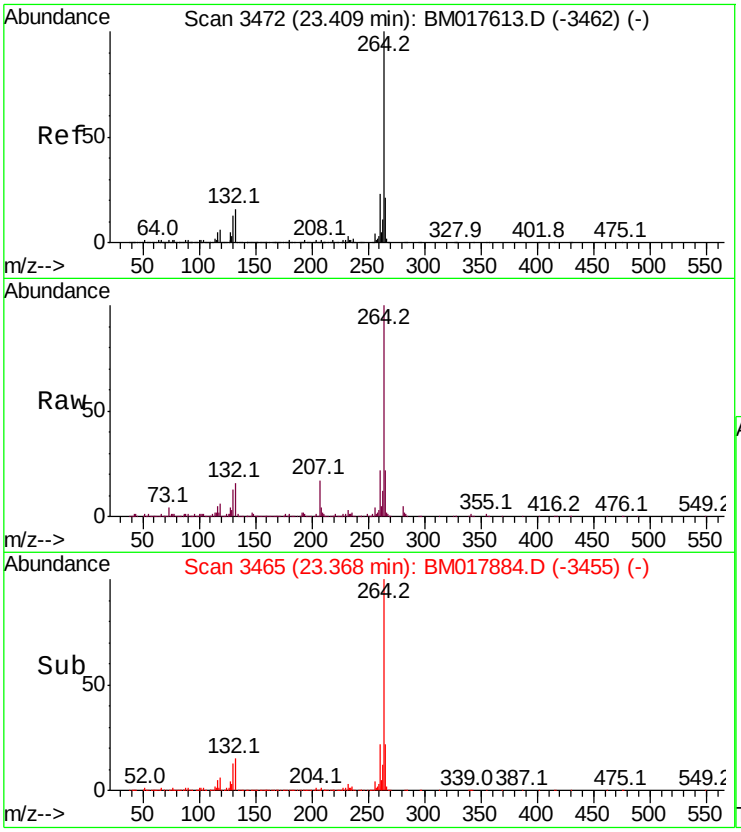


#79
Terphenyl-d14
Concen: 98.938 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Tgt Ion:244 Resp: 3984209

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.2	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.04 min
Lab File: BM017884.D
Acq: 03 Dec 2018 21:17

Instrument :
BNA_M
ClientSampleId :
ENGINE-WASH

Tgt Ion:264 Resp: 820257

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.2
265	22.2	17.5	26.3