Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015890.D
Acq On : 11 Jul 2018 15:53
Operator : SJ/JU
Sample : J3906-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB-7-8-6-ST-EW-3@2.5

Quant Time: Jul 11 19:03:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	74468	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	292907	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	150543	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	310804	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	293491	20.00	ng	-0.02
86) Perylene-d12	24.14	264	297285	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	673747	155.16	ng	-0.02
7) Phenol-d6	7.45	99	850902	143.14	ng	-0.02
23) Nitrobenzene-d5	9.48	82	583705	97.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	270326	137.43	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1102851	90.95	ng	-0.02
78) Terphenyl-d14	20.20	244	1498892	94.73	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.47	94	14305	2.395	ng	# 78
49) Dimethylphthalate	14.36	163	165156	12.439	ng	99

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

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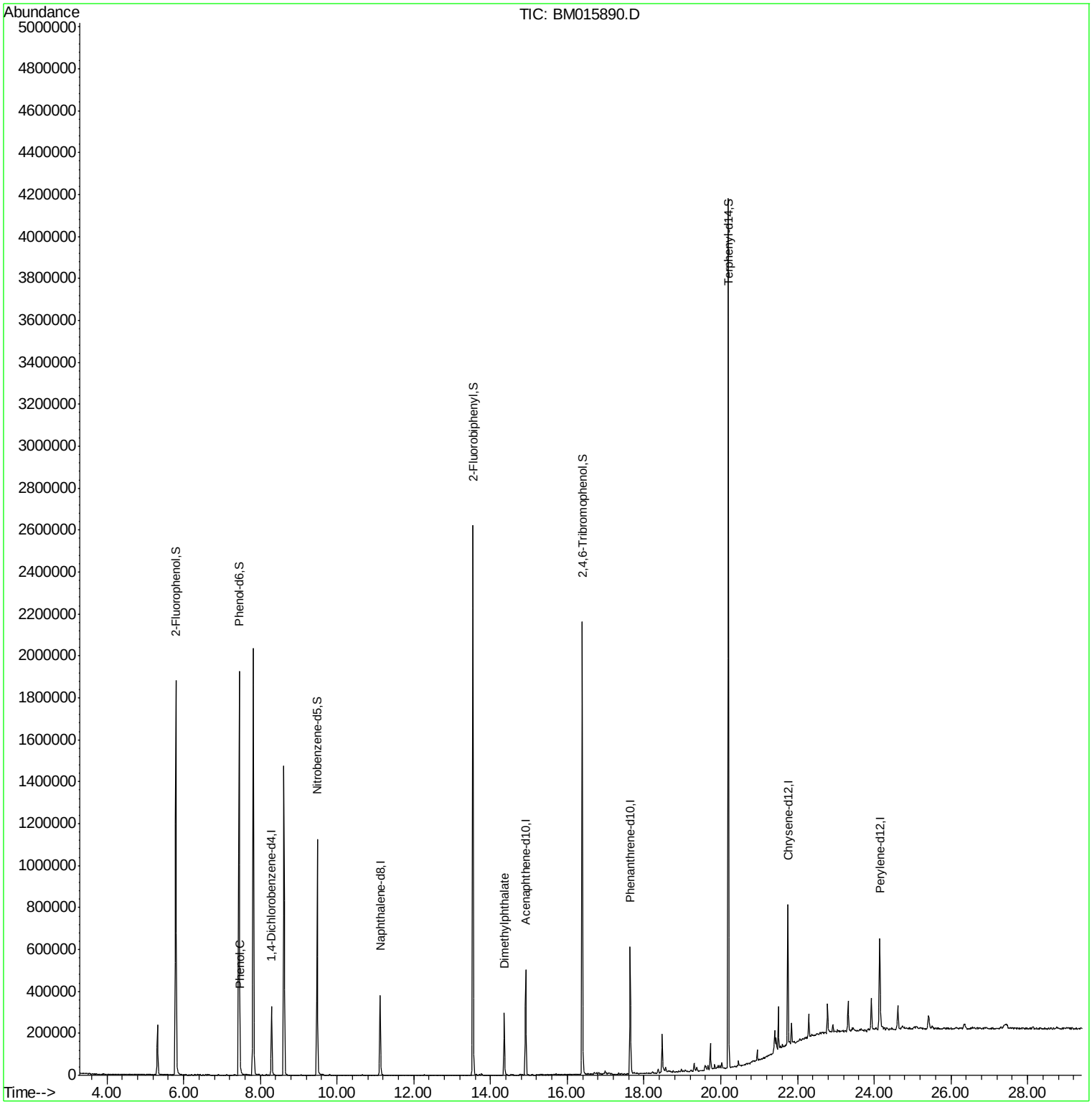
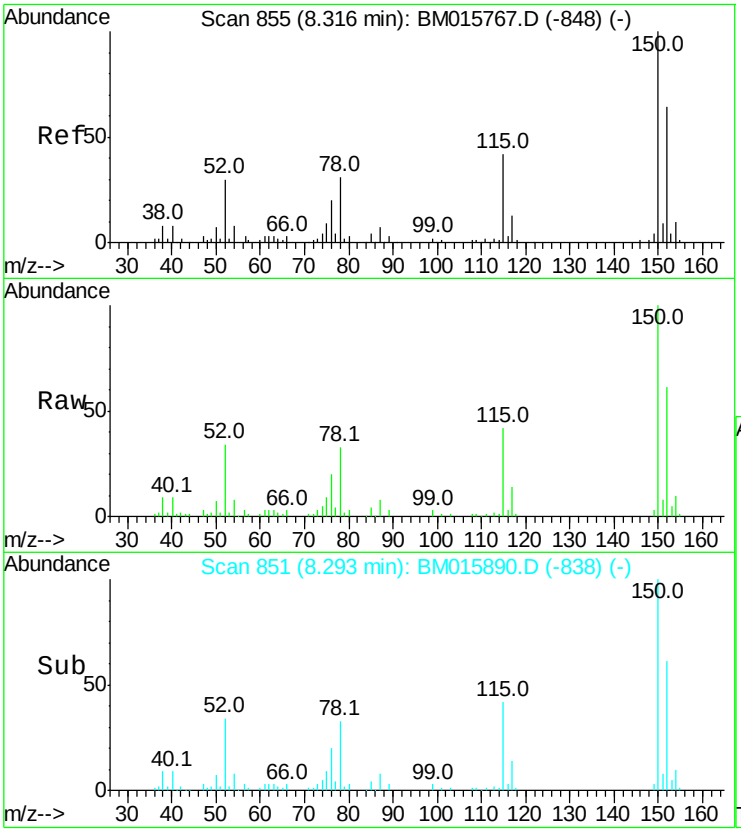


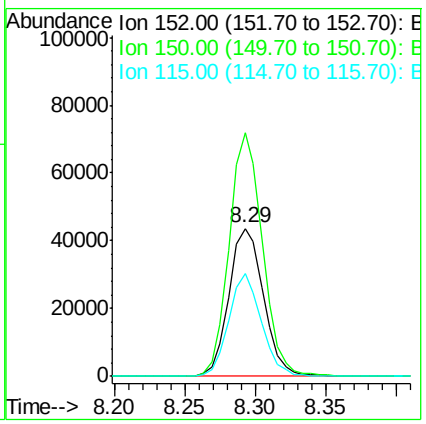


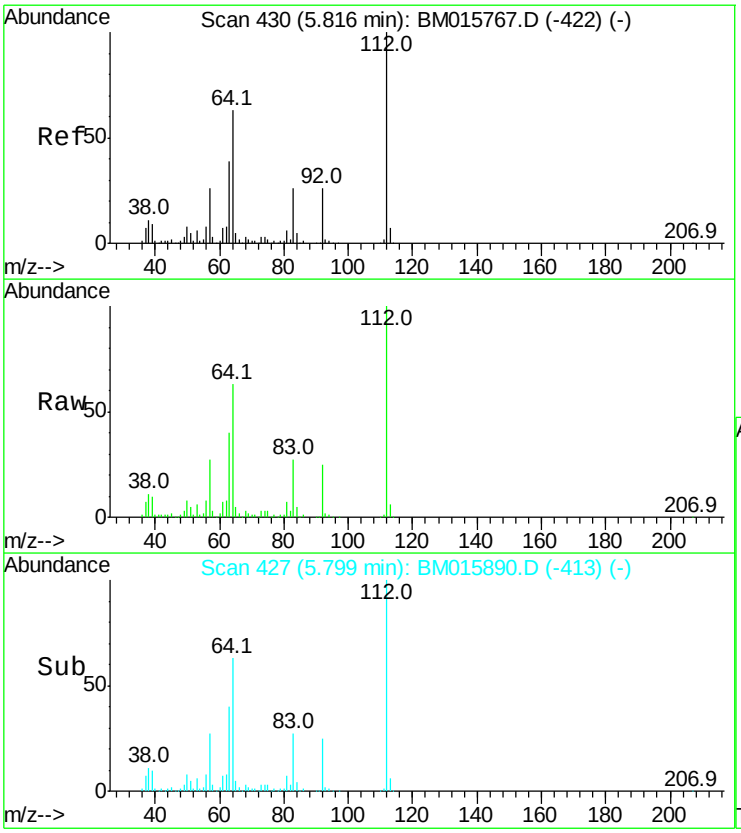
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Instrument :
BNA_M
ClientSampleId :
CB-7-8-6-ST-EW-3@2.5

Tgt Ion:152 Resp: 74468

Ion	Ratio	Lower	Upper
152	100		
150	164.9	119.5	179.3
115	69.5	43.0	64.4#

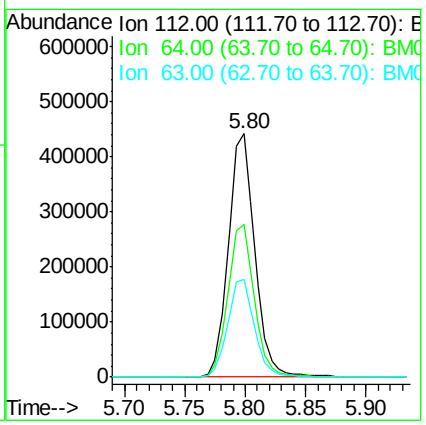


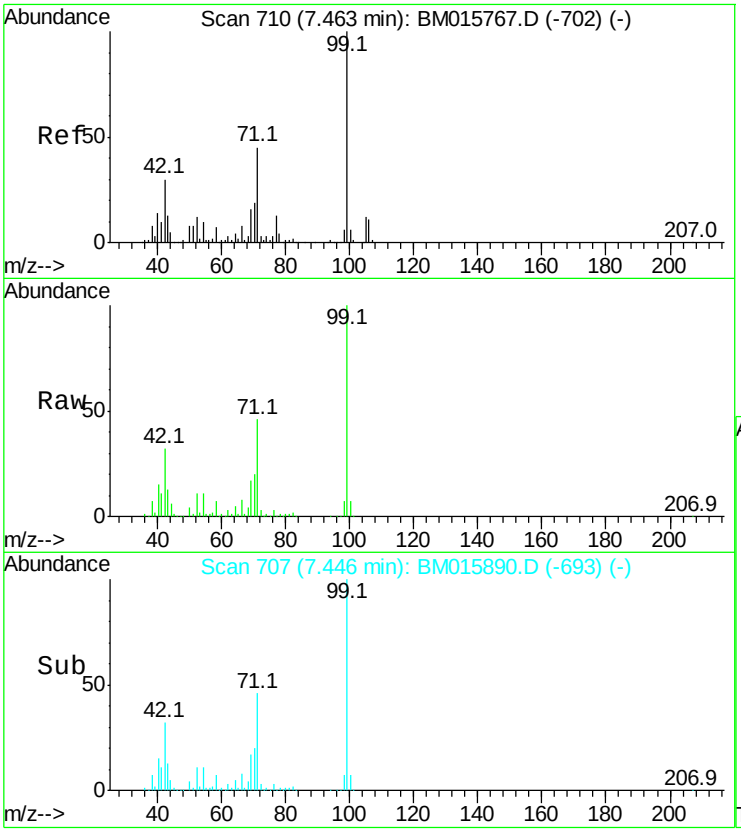


#5
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Tgt Ion:112 Resp: 673747

Ion	Ratio	Lower	Upper
112	100		
64	63.0	38.6	57.8#
63	40.1	19.3	28.9#



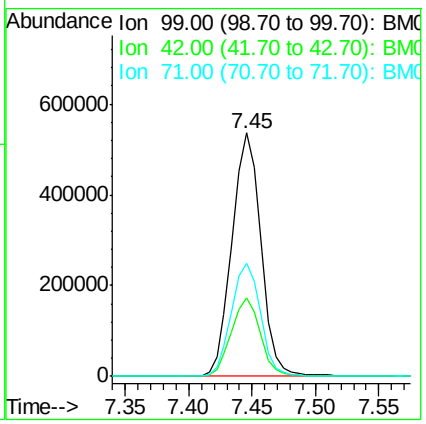


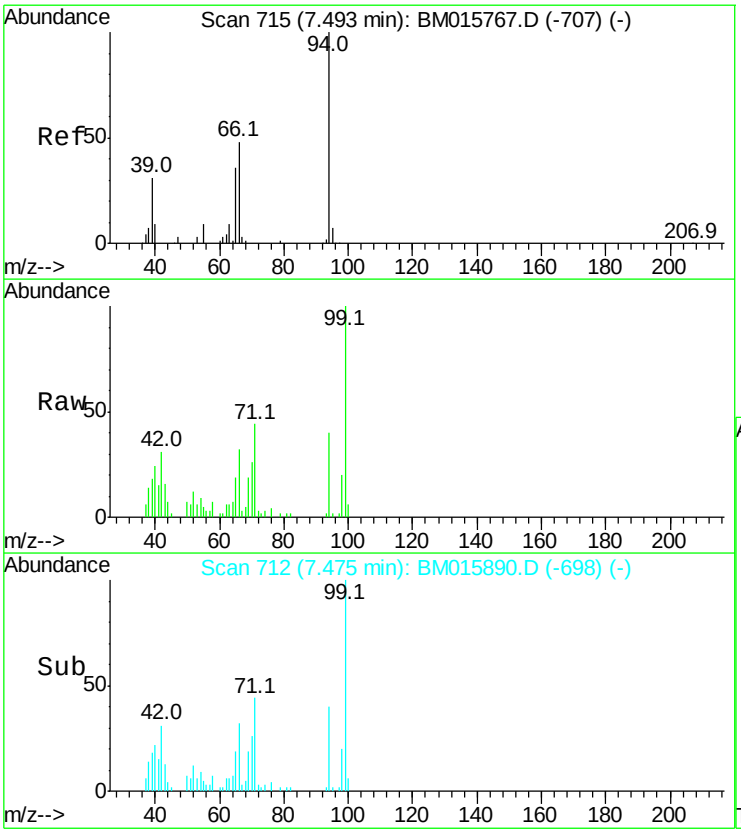
#7
Phenol-d6
Concen: N.D. ng
RT: 7.45 min Scan# 707
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Instrument :
BNA_M
ClientSampleId :
CB-7-8-6-ST-EW-3@2.5

Tgt Ion: 99 Resp: 850902

Ion	Ratio	Lower	Upper
99	100		
42	32.0	11.0	16.4#
71	46.4	23.4	35.2#

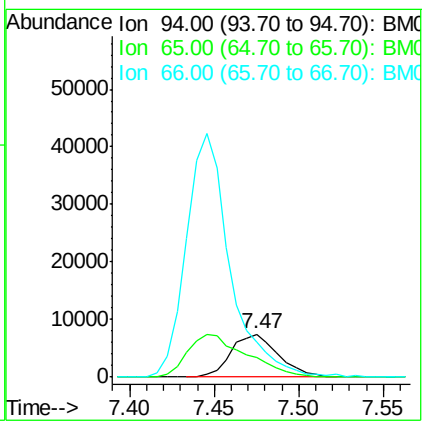


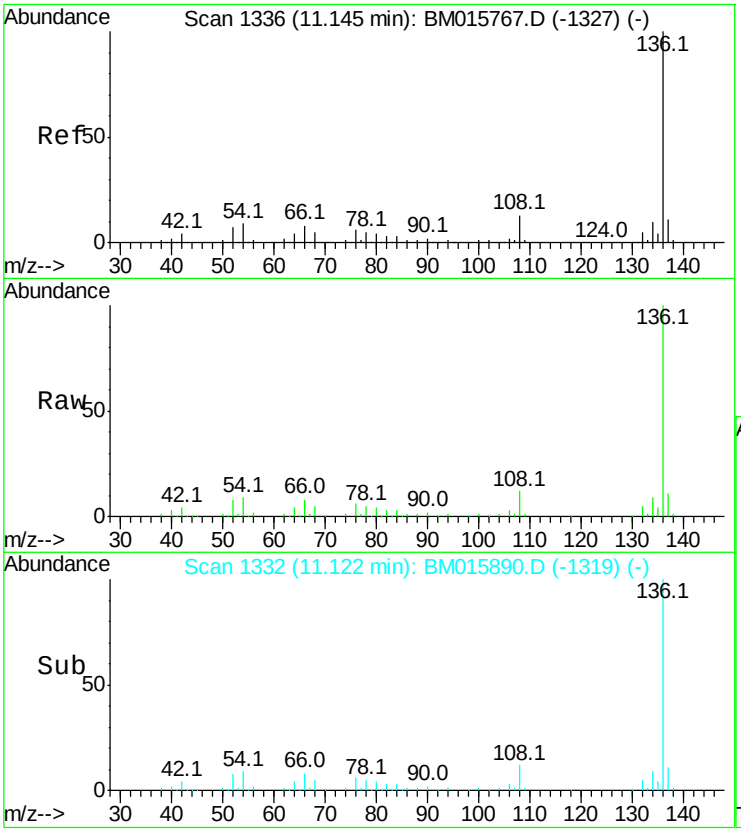


#10
Phenol
Concen: 2.395 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Tgt Ion: 94 Resp: 14305

Ion	Ratio	Lower	Upper
94	100		
65	47.0	18.8	58.8
66	80.5	39.9	79.9#



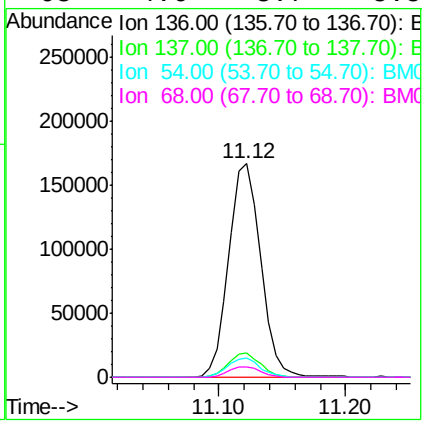


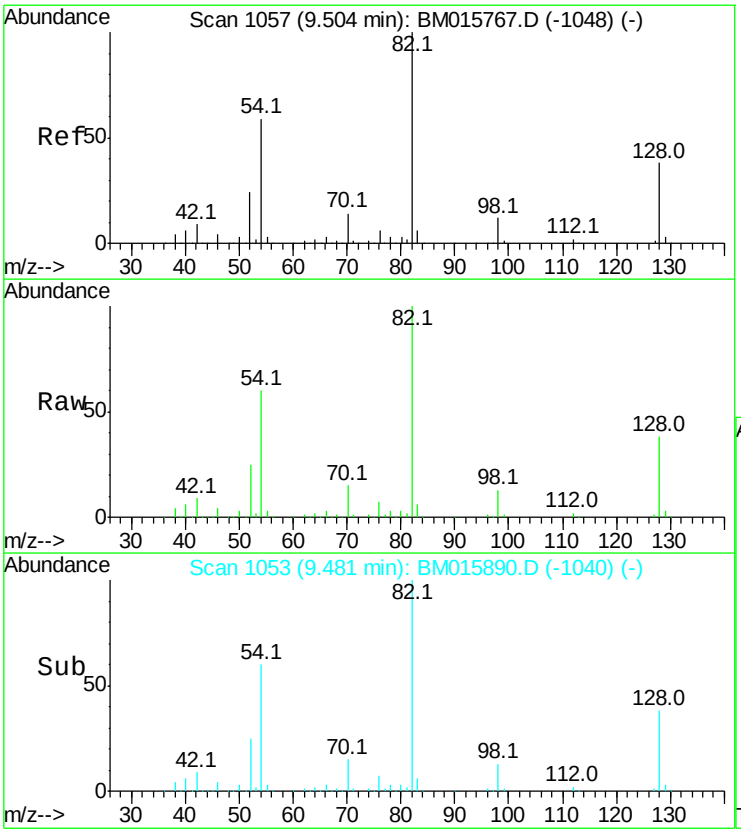
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Instrument :
BNA_M
ClientSampleId :
CB-7-8-6-ST-EW-3@2.5

Tgt Ion:136 Resp: 292907

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.1	4.6	6.8#
68	4.6	3.7	5.5

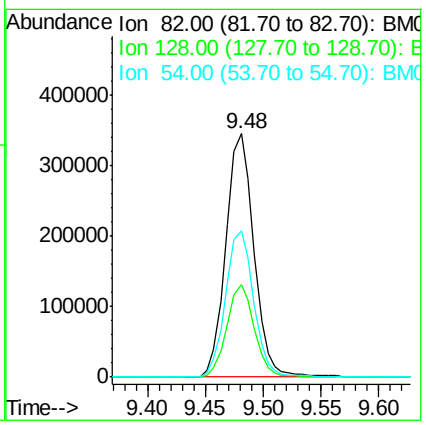


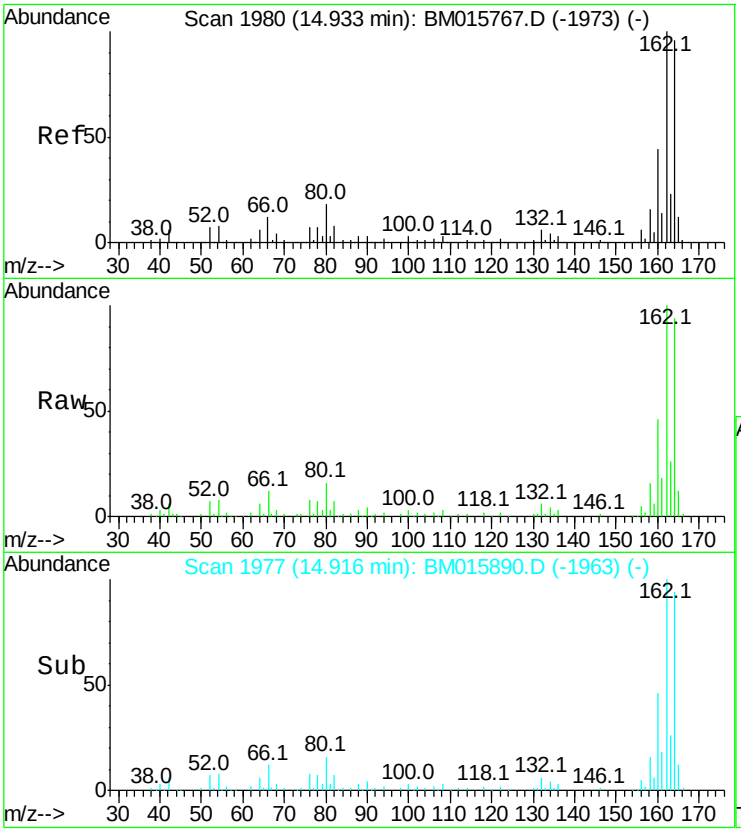


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Tgt Ion: 82 Resp: 583705

Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.8	49.2
54	60.3	40.6	60.8



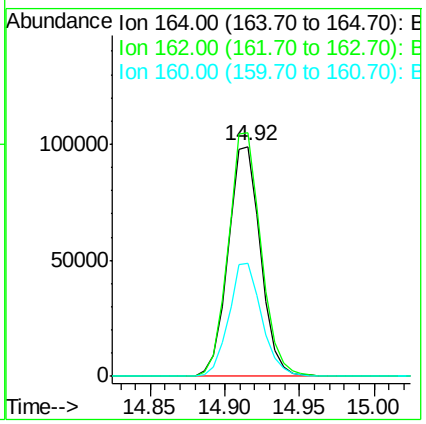


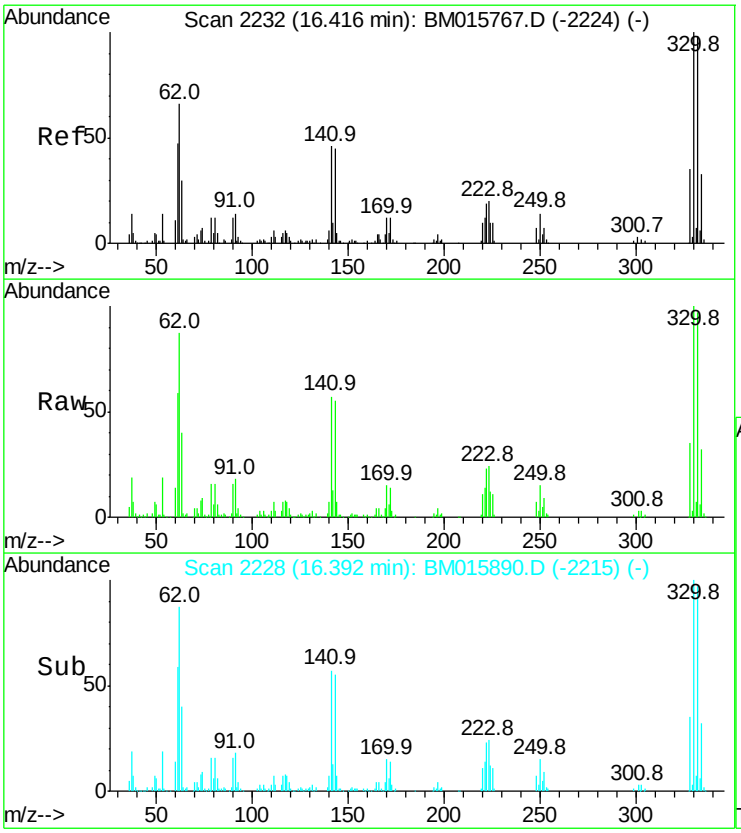
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Instrument :
BNA_M
ClientSampleId :
CB-7-8-6-ST-EW-3@2.5

Tgt Ion:164 Resp: 150543

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.4	123.6
160	49.3	35.8	53.6

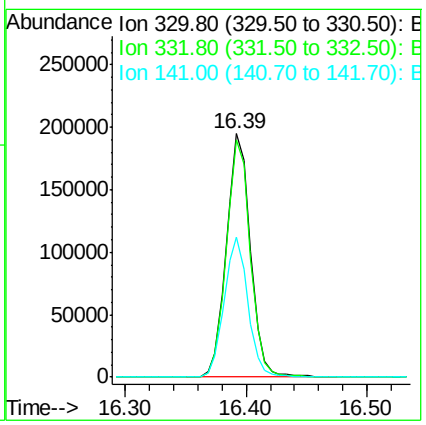


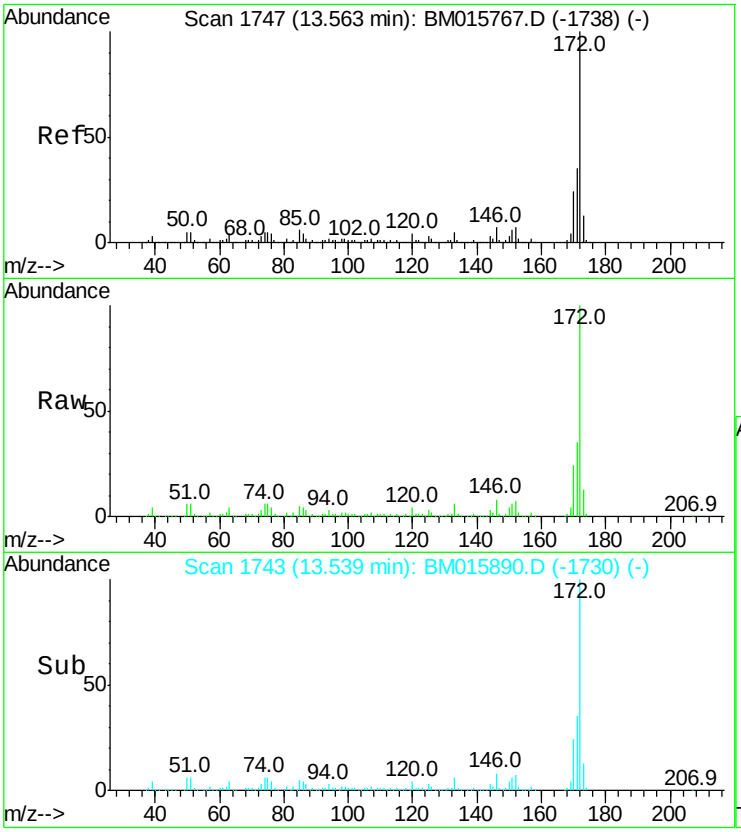


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.39 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Tgt Ion:330 Resp: 270326

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	56.7	0.0	0.0#



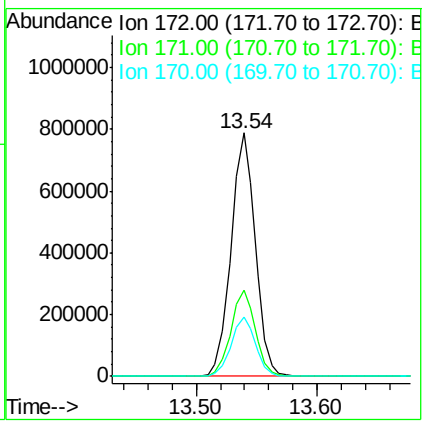


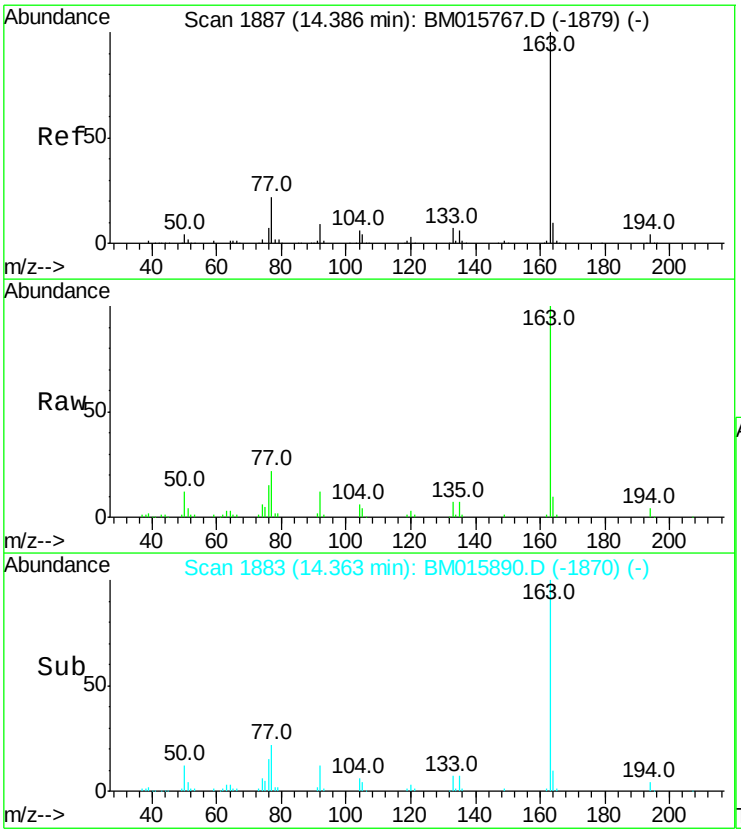
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Instrument :
BNA_M
ClientSampleId :
CB-7-8-6-ST-EW-3@2.5

Tgt Ion:172 Resp: 1102851

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.1	18.8	28.2

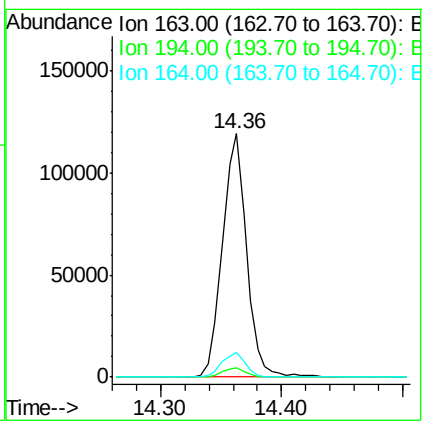


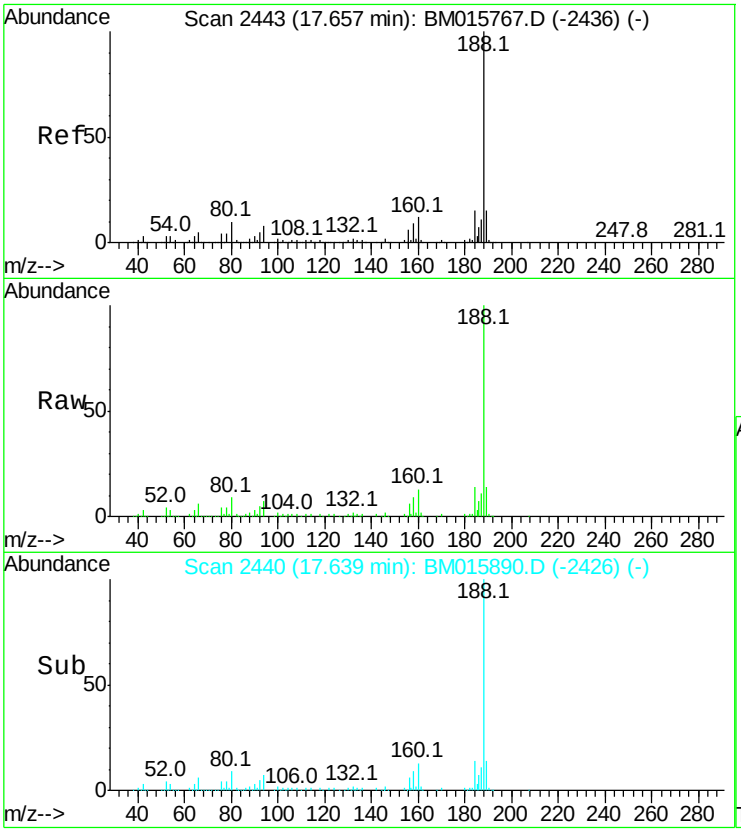


#49
Dimethylphthalate
Concen: 12.439 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Tgt Ion:163 Resp: 165156

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



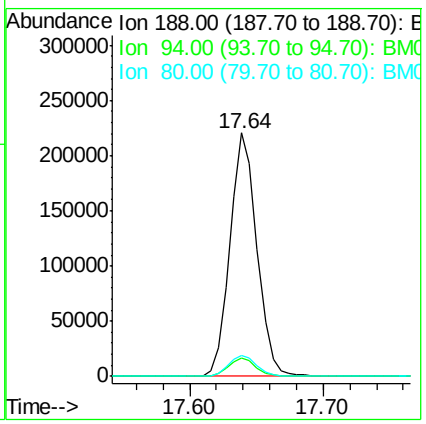


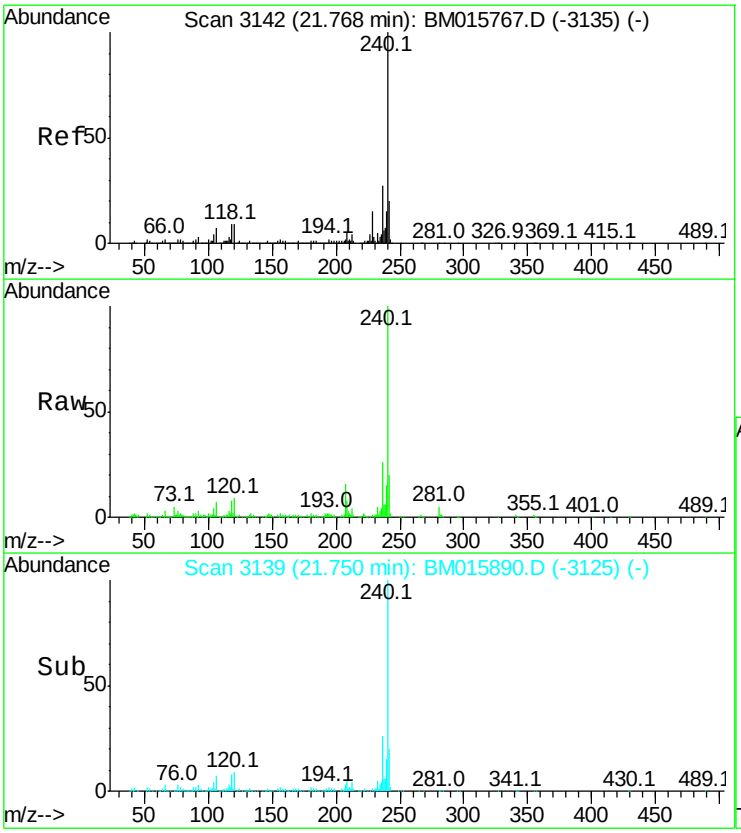
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Instrument :
BNA_M
ClientSampleId :
CB-7-8-6-ST-EW-3@2.5

Tgt Ion:188 Resp: 310804

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.8	9.3	13.9#

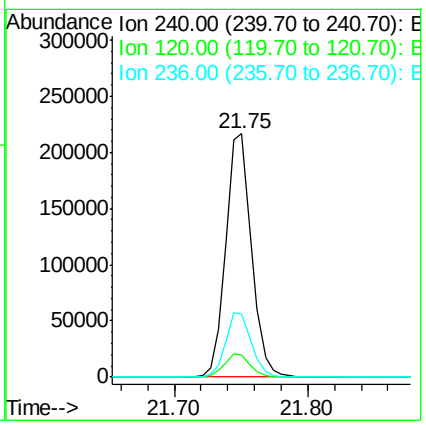


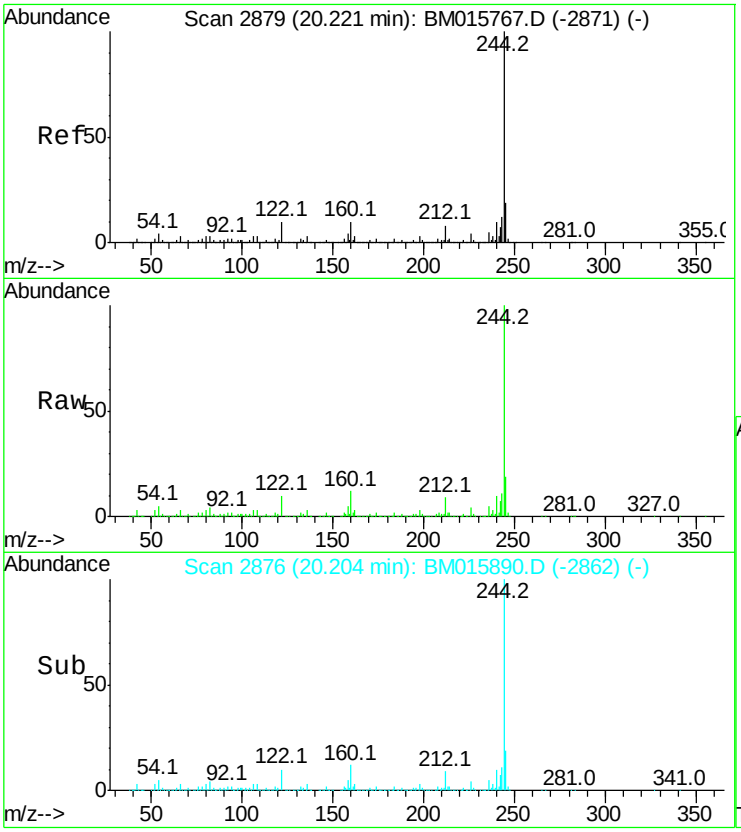


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Tgt Ion:240 Resp: 293491

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	25.7	20.0	30.0



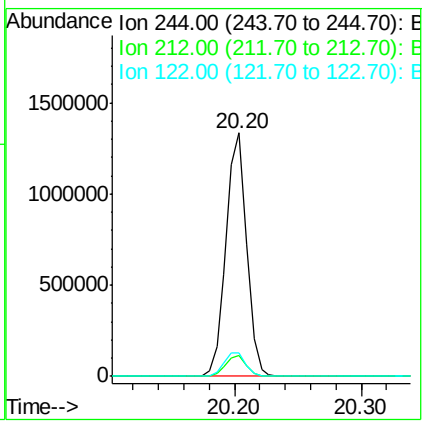


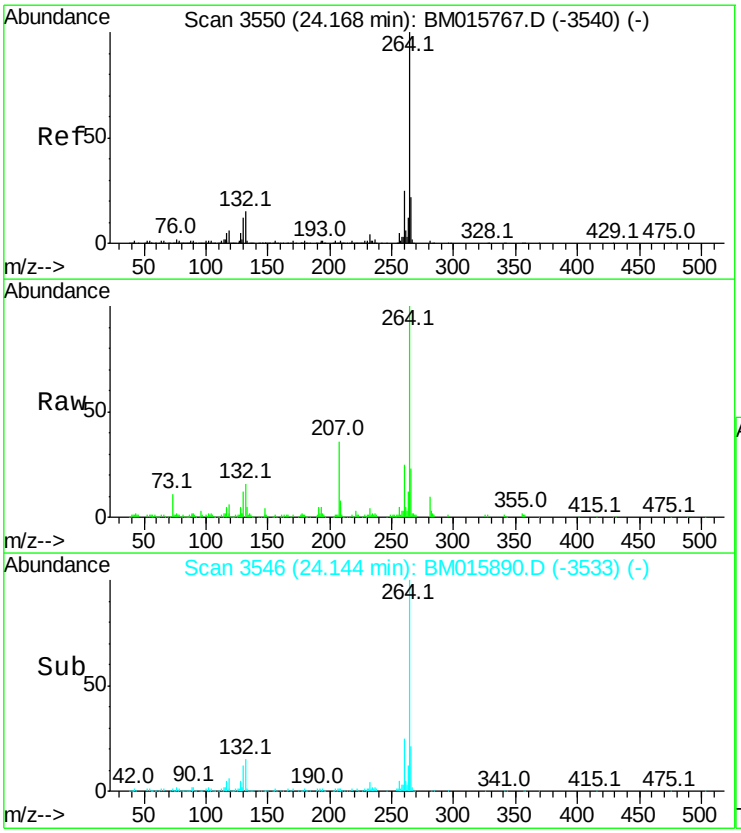
#78
Terphenyl-d14
Concen: Below ng
RT: 20.20 min Scan# 2876
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Instrument :
BNA_M
ClientSampleId :
CB-7-8-6-ST-EW-3@2.5

Tgt Ion:244 Resp: 1498892

Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	9.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BM015890.D
Acq: 11 Jul 2018 15:53

Tgt Ion:264 Resp: 297285

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	27.8
265	22.7	17.3	25.9