Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015888.D
Acq On : 11 Jul 2018 14:39
Operator : SJ/JU
Sample : J3925-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3

Quant Time: Jul 11 15:14:21 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	85517	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	335132	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	172088	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	357524	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	334470	20.00	ng	-0.02
86) Perylene-d12	24.14	264	337551	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	287137	57.58	ng	-0.02
7) Phenol-d6	7.45	99	219134	32.10	ng	-0.02
23) Nitrobenzene-d5	9.48	82	624425	90.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	284411	126.49	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1224344	88.33	ng	-0.02
78) Terphenyl-d14	20.20	244	1537953	85.29	ng	-0.02
Target Compounds						Qvalue
35) Caprolactam	12.06	113	7975	4.964	ng	# 80
49) Dimethylphthalate	14.36	163	126075	8.307	ng	# 97

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

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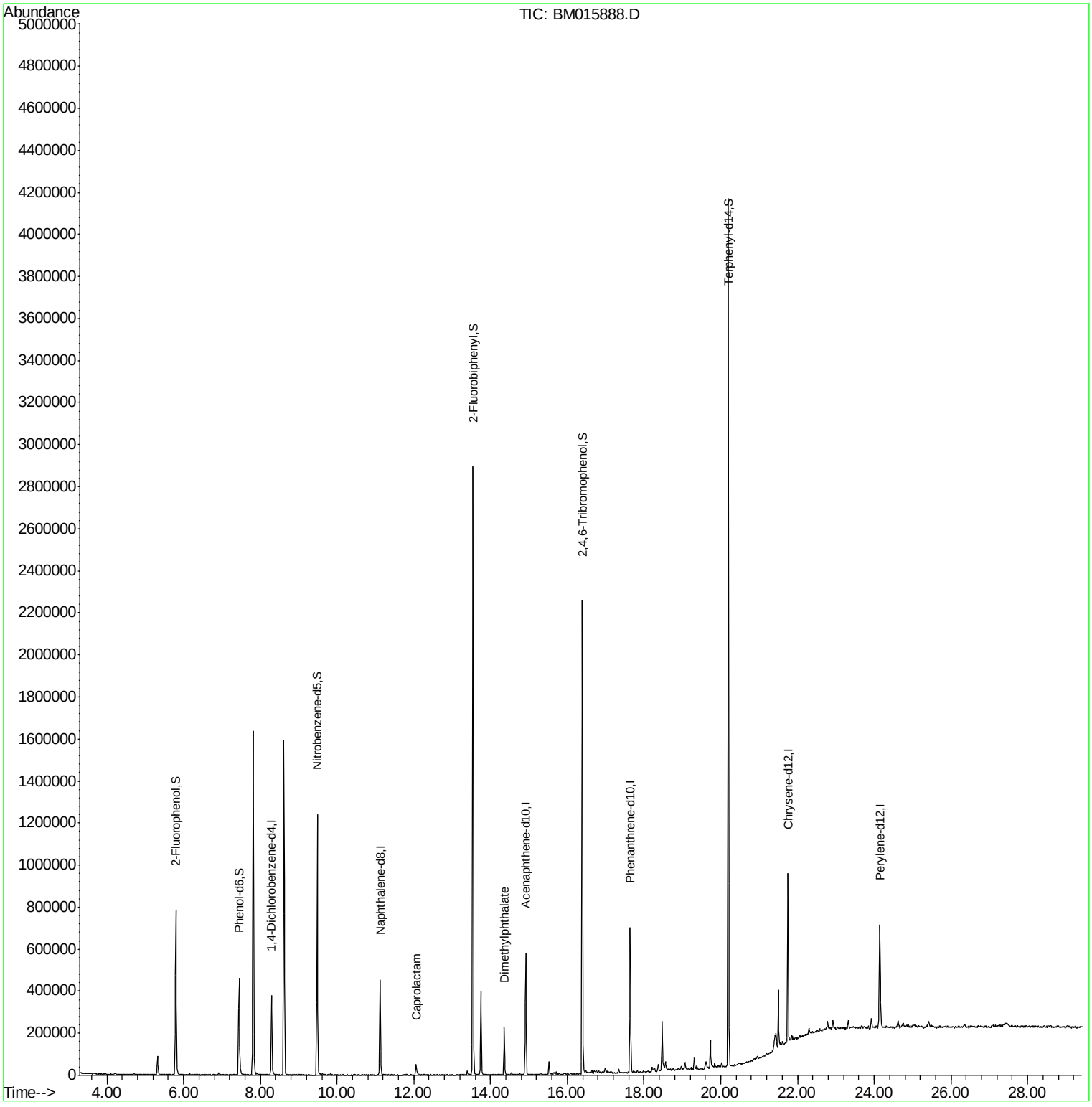
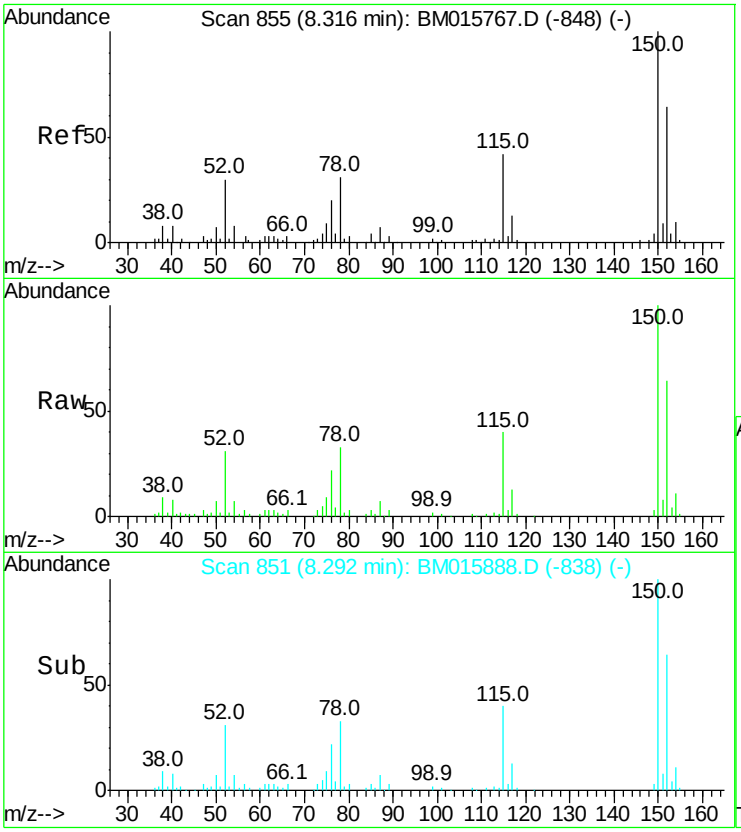


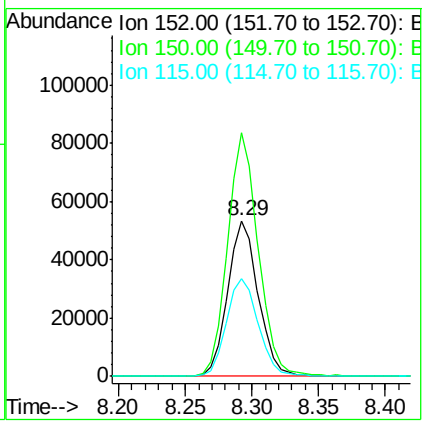


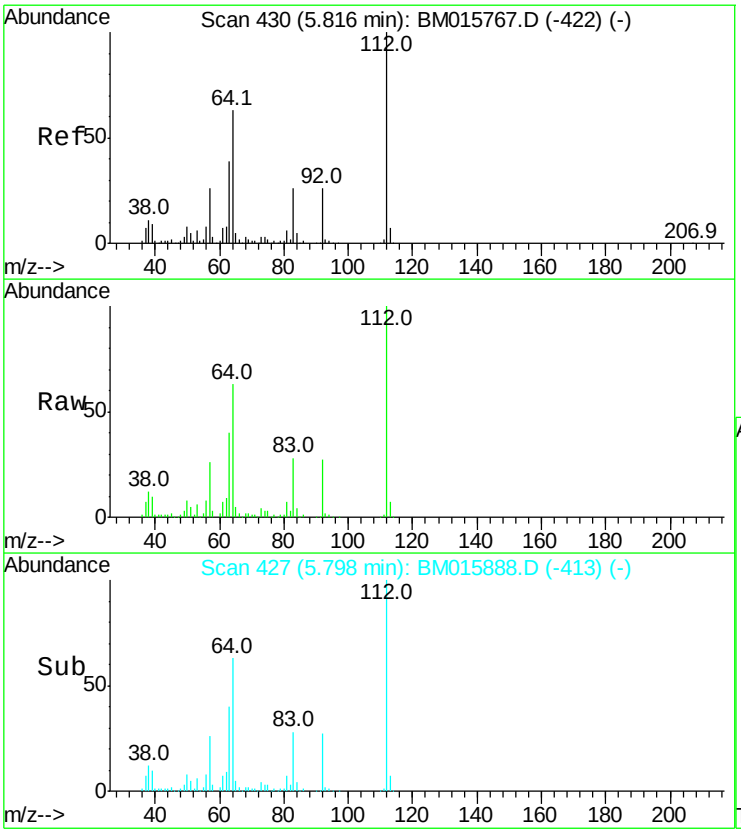
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 85517

Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	62.6	43.0	64.4

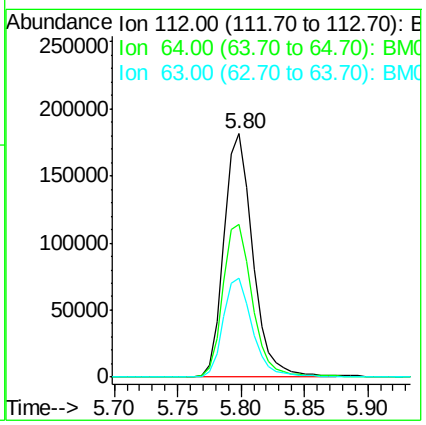


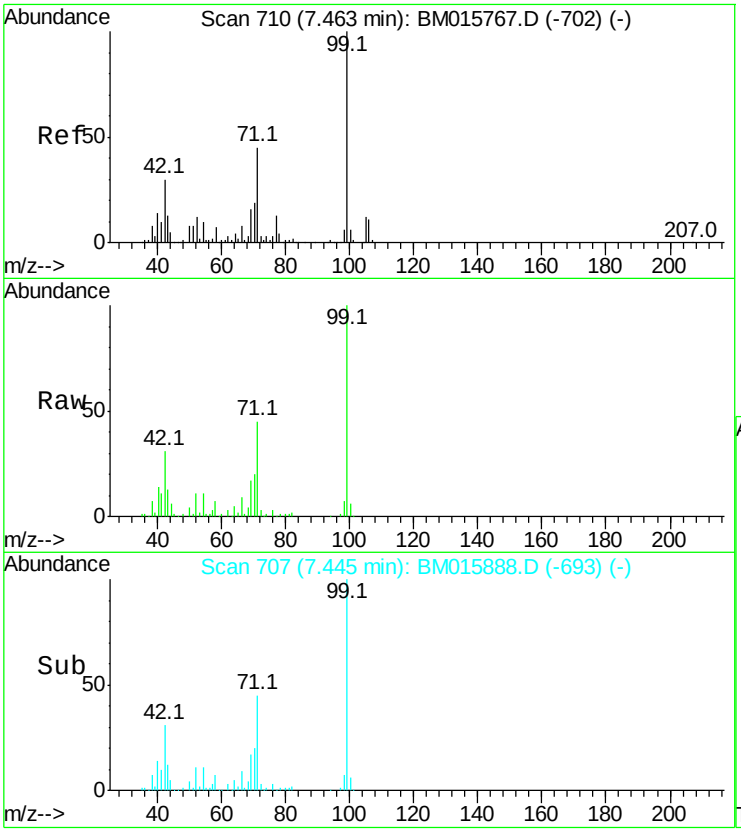


#5
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:112 Resp: 287137

Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	40.5	19.3	28.9#



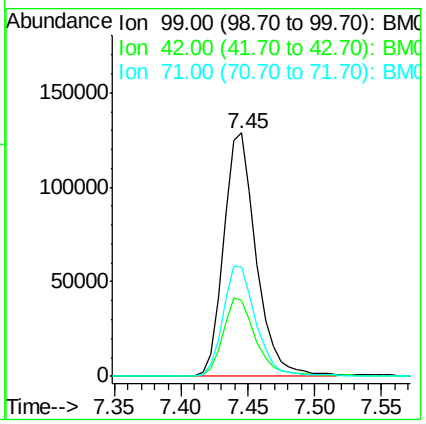


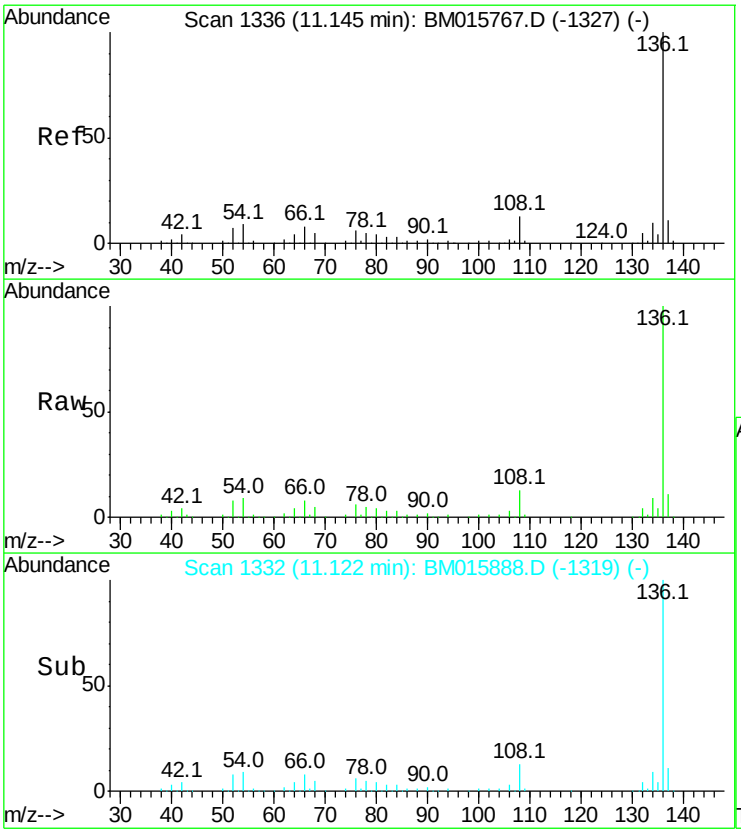
#7
Phenol-d6
Concen: N.D. ng
RT: 7.45 min Scan# 707
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 219134

Ion	Ratio	Lower	Upper
99	100		
42	31.0	11.0	16.4#
71	44.8	23.4	35.2#

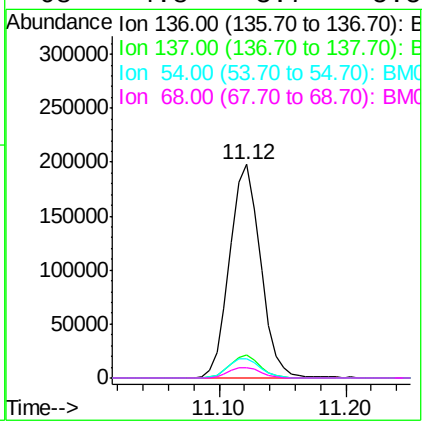


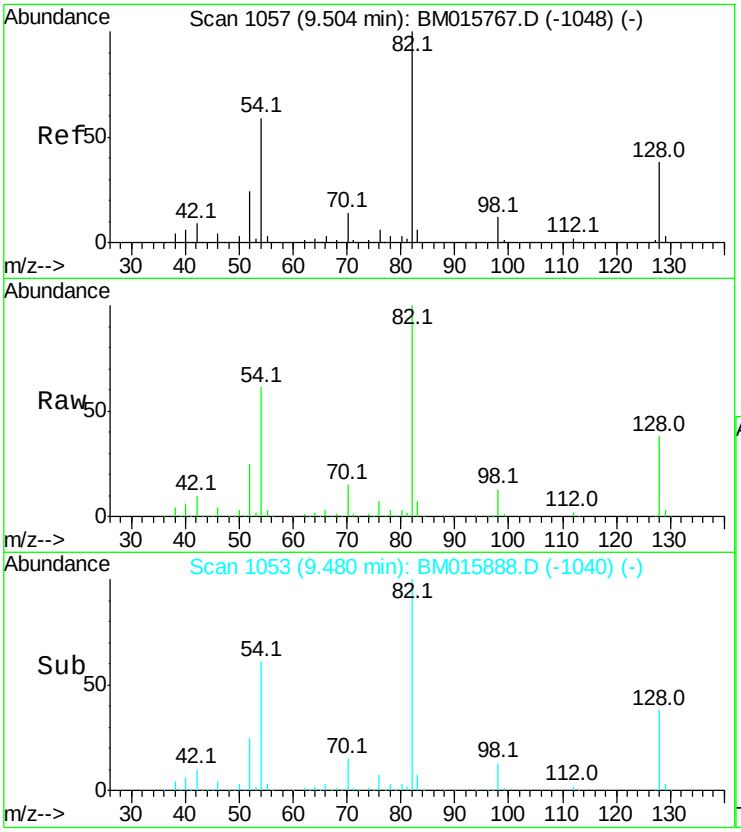


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:136 Resp: 335132

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.3	4.6	6.8#
68	4.8	3.7	5.5



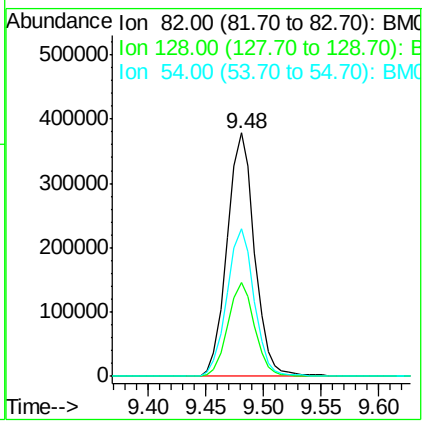


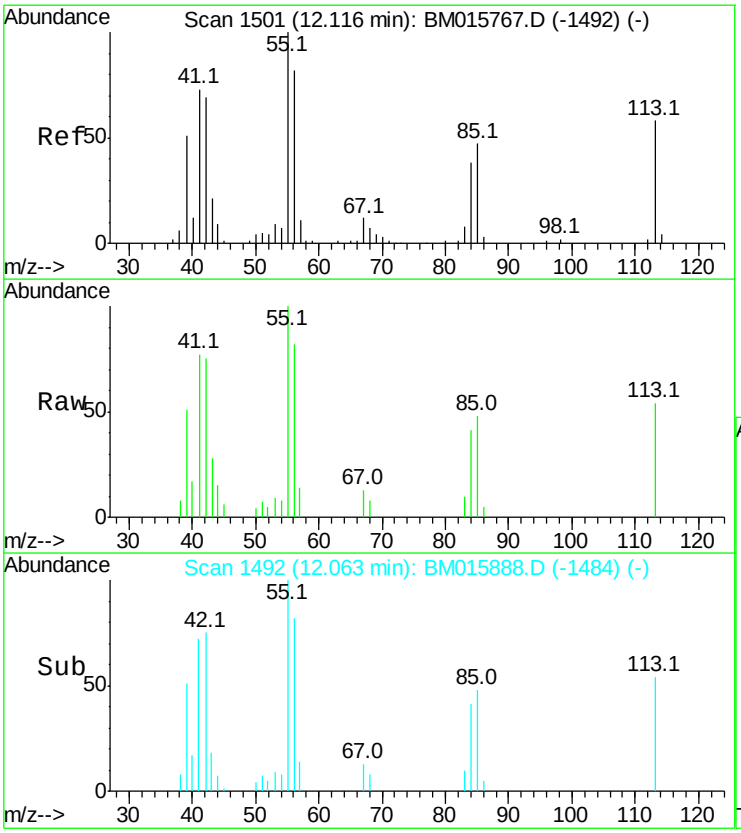
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 624425

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.8	49.2
54	60.8	40.6	60.8

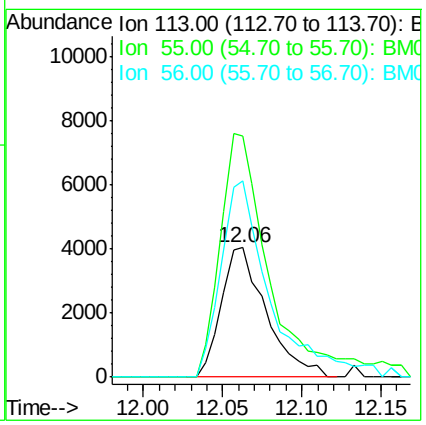


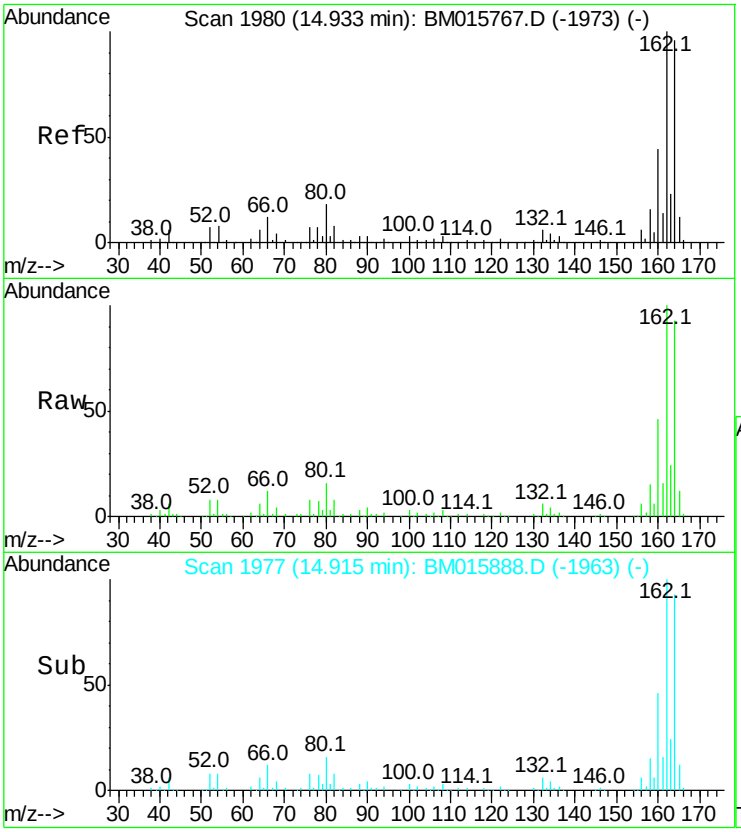


#35
Caprolactam
Concen: 4.964 ng
RT: 12.06 min Scan# 1492
Delta R.T. -0.05 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:113 Resp: 7975

Ion	Ratio	Lower	Upper
113	100		
55	186.1	145.9	185.9#
56	152.1	101.0	141.0#



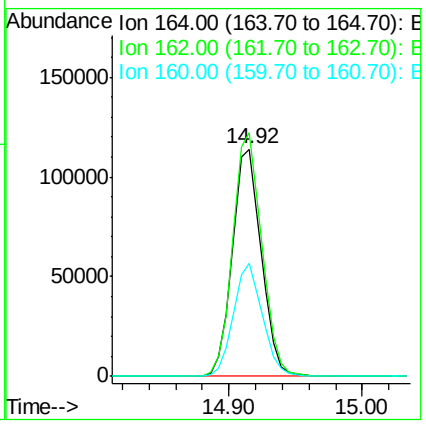


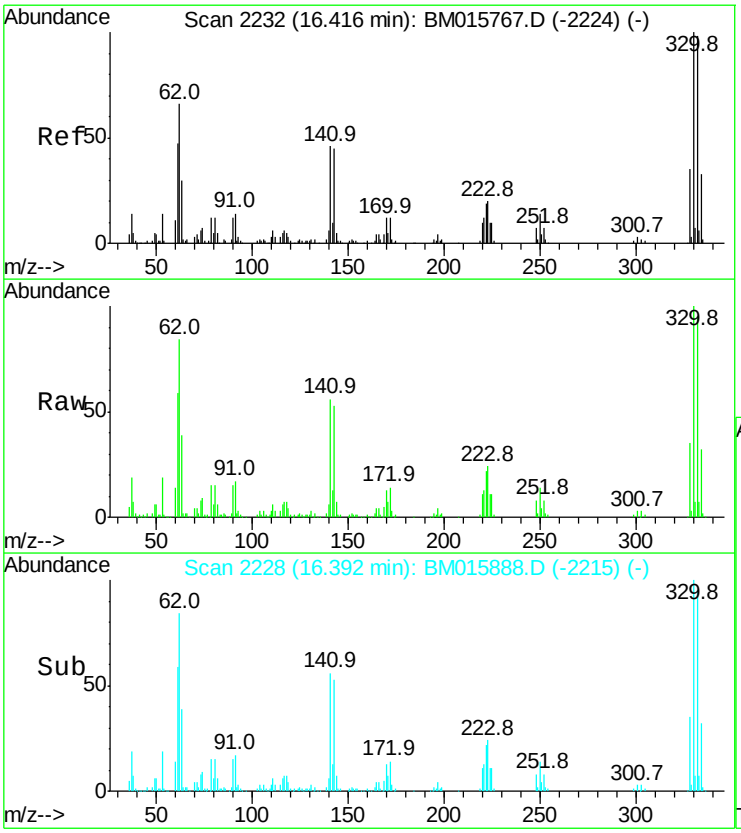
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument : BNA_M
ClientSampleId : MW-3

Tgt Ion:164 Resp: 172088

Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.4	123.6
160	49.6	35.8	53.6

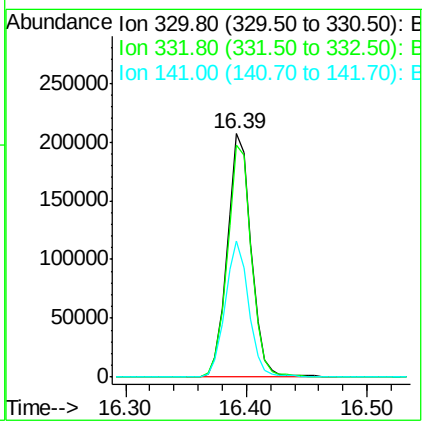


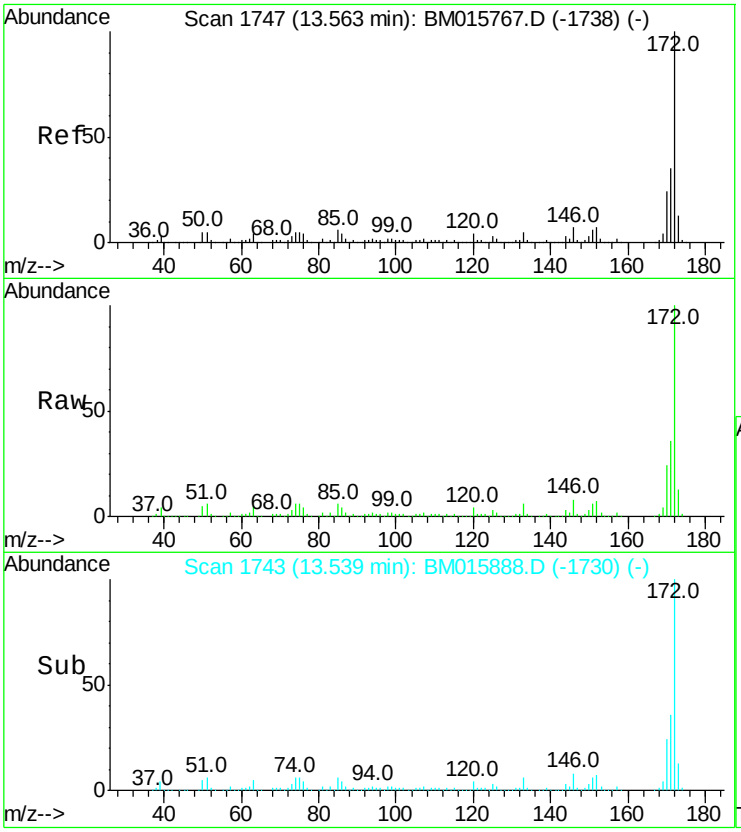


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.39 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:330 Resp: 284411

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	55.3	0.0	0.0#



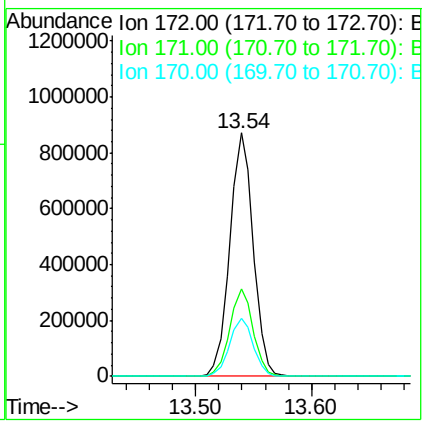


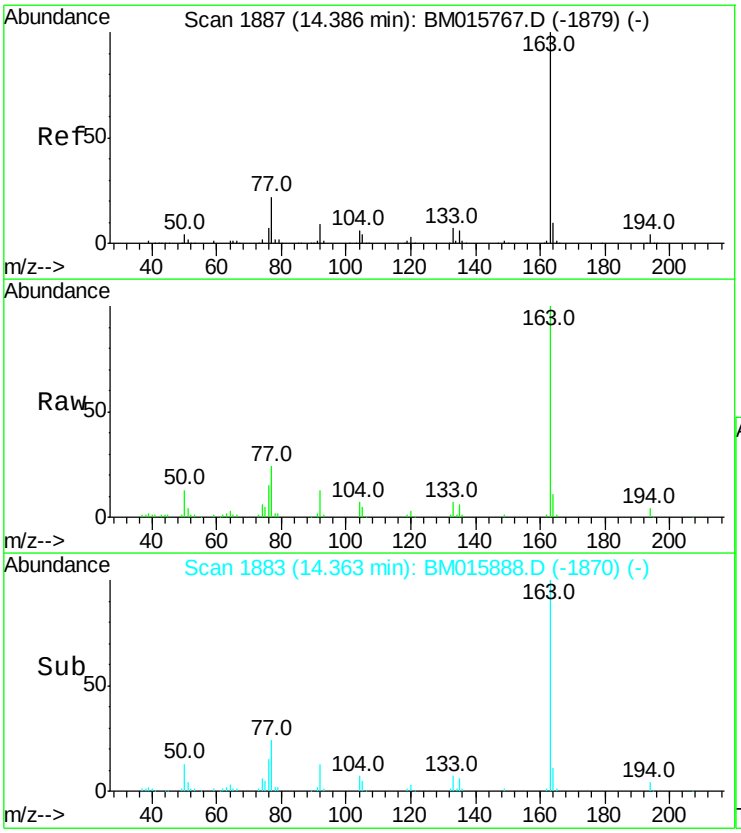
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:172 Resp: 1224344

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.9	18.8	28.2

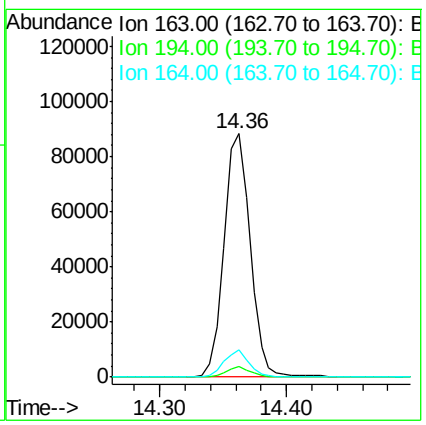


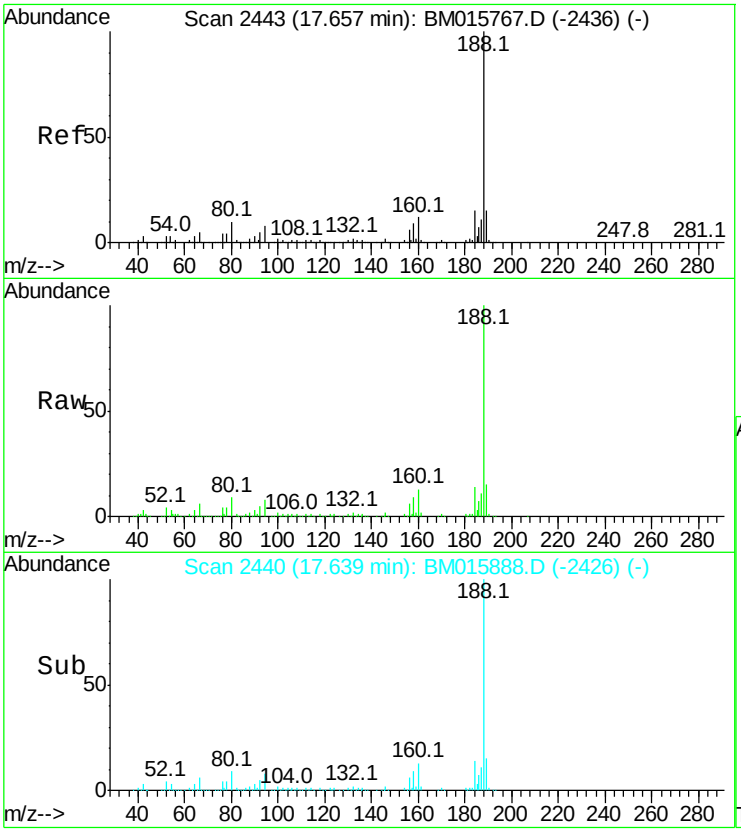


#49
Dimethylphthalate
Concen: 8.307 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:163 Resp: 126075

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.2	8.2	12.2



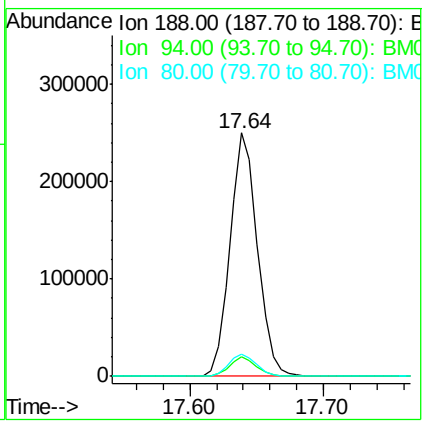


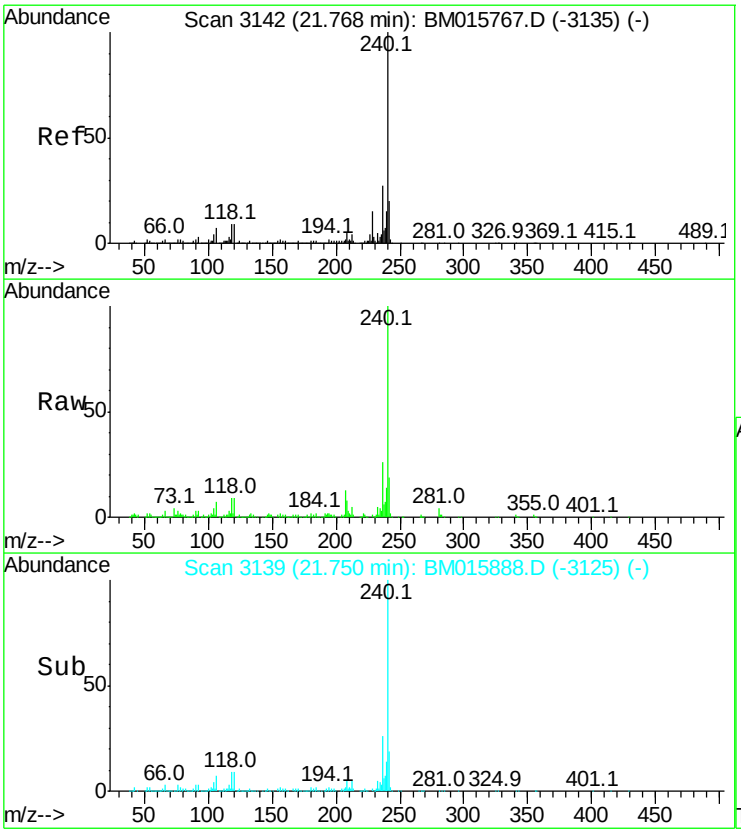
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 357524

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.7	13.1#
80	9.1	9.3	13.9#

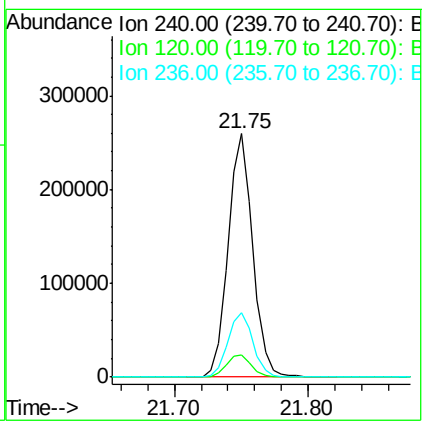


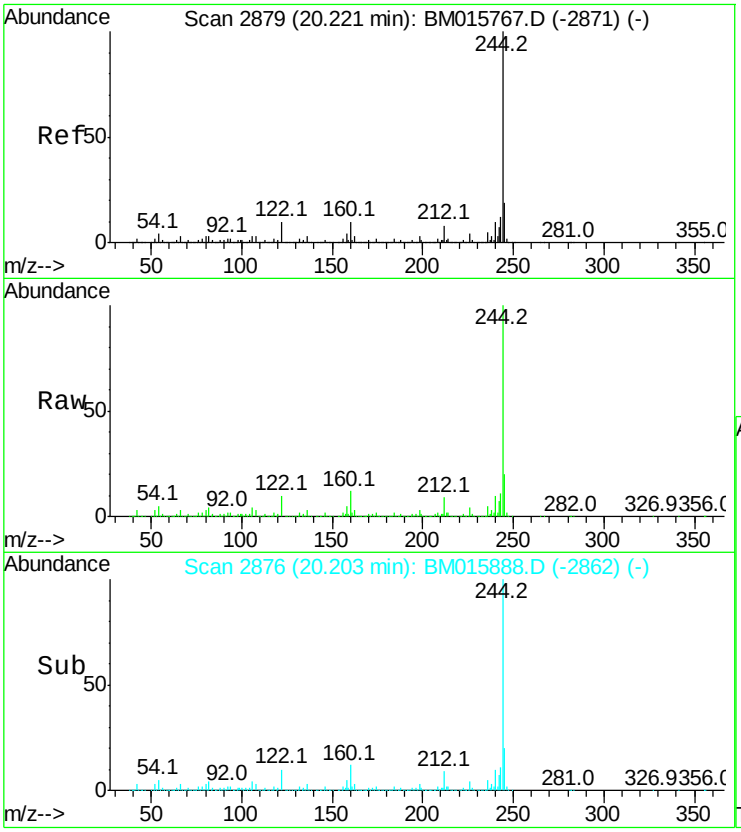


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:240 Resp: 334470

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	26.5	20.0	30.0



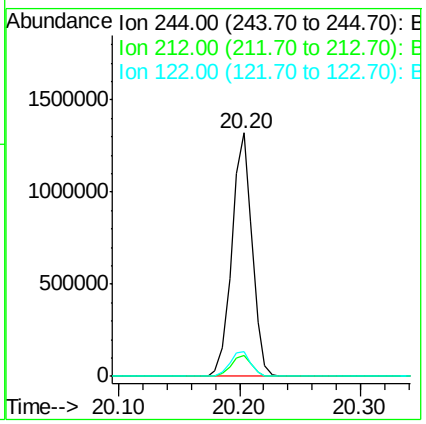


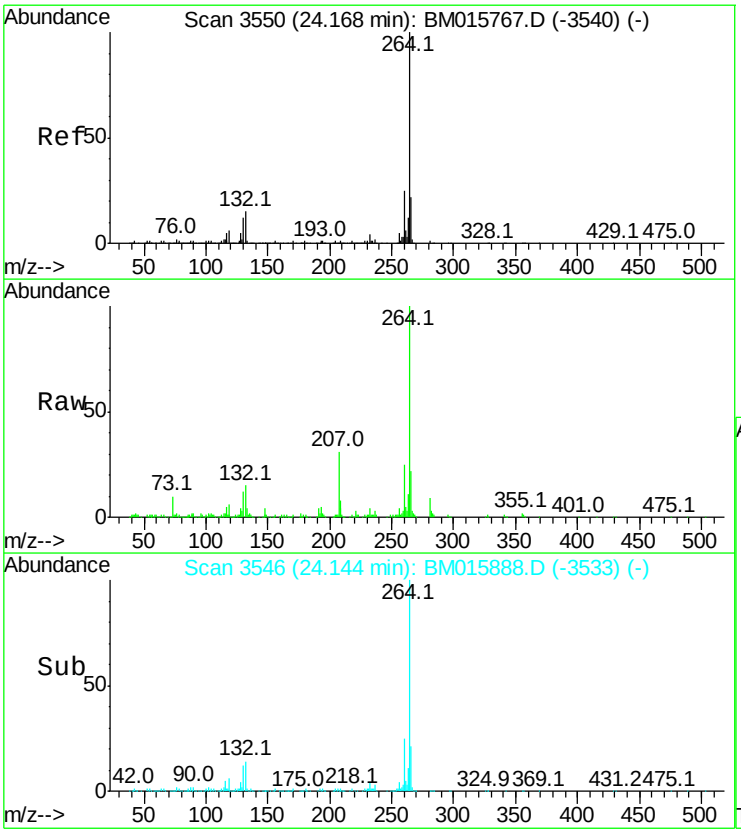
#78
Terphenyl-d14
Concen: Below ng
RT: 20.20 min Scan# 2876
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 1537953

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	10.0	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: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:264 Resp: 337551

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.3	17.3	25.9