Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010119.D
Acq On : 23 May 2017 01:11
Operator : SJ/MA
Sample : I3222-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-14

Quant Time: May 23 06:42:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	140440	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	477347	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	296246	20.00	ng		-0.02
63) Phenanthrene-d10	17.34	188	759248	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1154473	20.00	ng		-0.01
86) Perylene-d12	23.86	264	1329823	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	991918	127.55	ng		-0.01
7) Phenol-d6	7.15	99	1207669	120.68	ng		-0.02
23) Nitrobenzene-d5	9.15	82	772427	87.30	ng		-0.02
41) 2,4,6-Tribromophenol	16.09	330	553263	122.96	ng		-0.01
44) 2-Fluorobiphenyl	13.22	172	1883291	81.73	ng		-0.02
78) Terphenyl-d14	19.94	244	3264857	64.30	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.17	94	28413	2.69	ng		92
49) Dimethylphthalate	14.06	163	232010	8.78	ng	#	99

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

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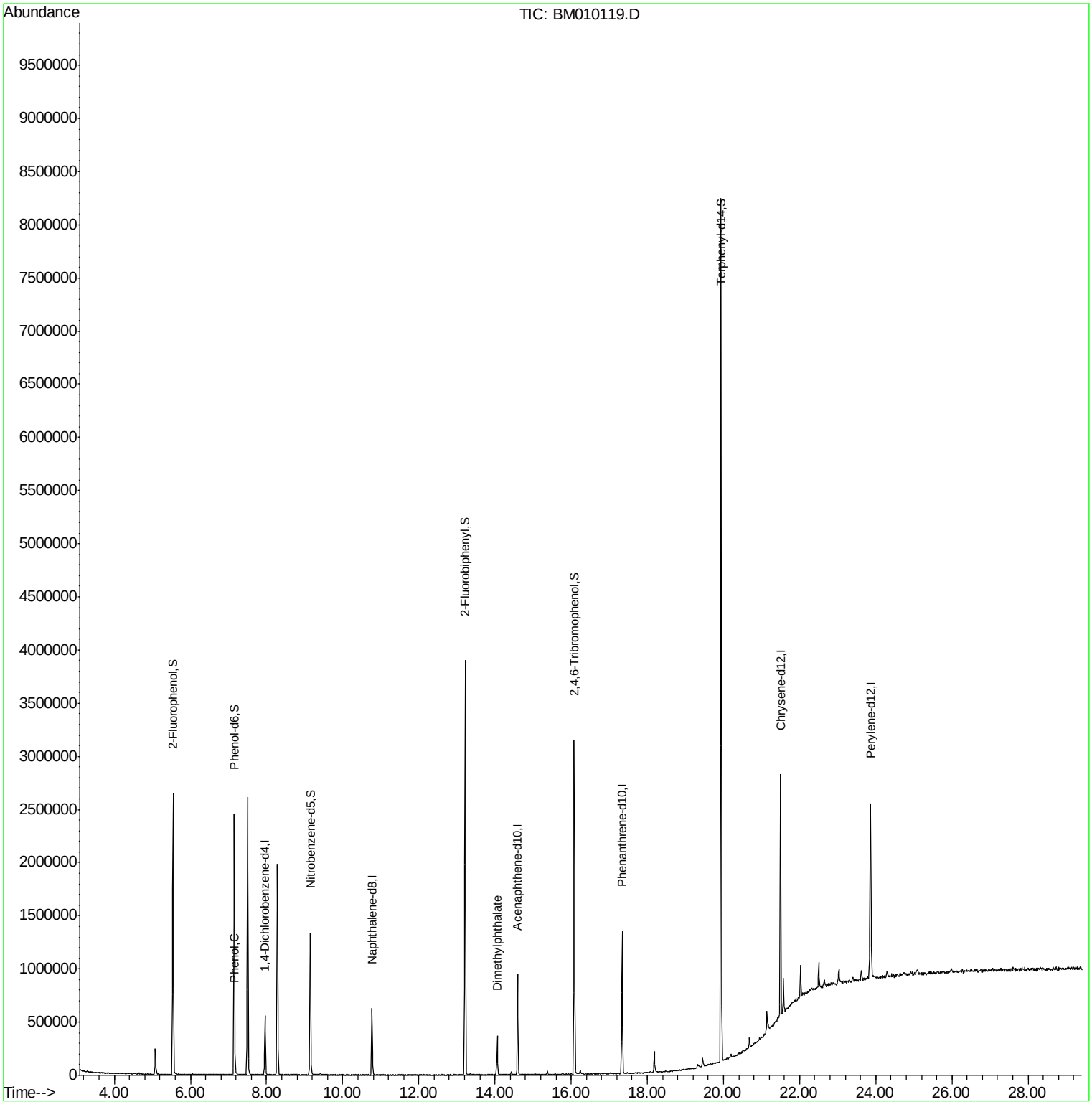
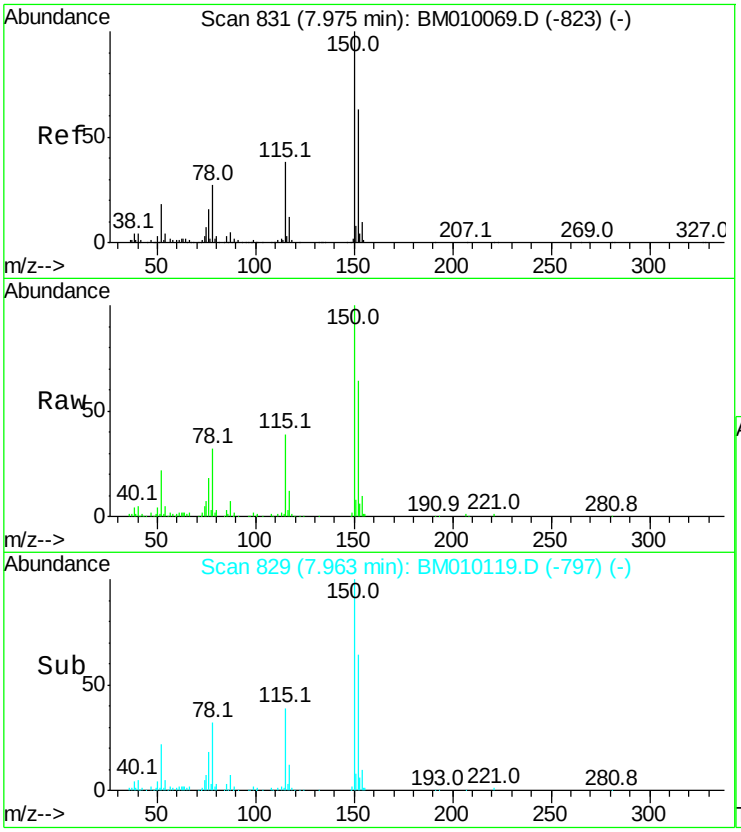


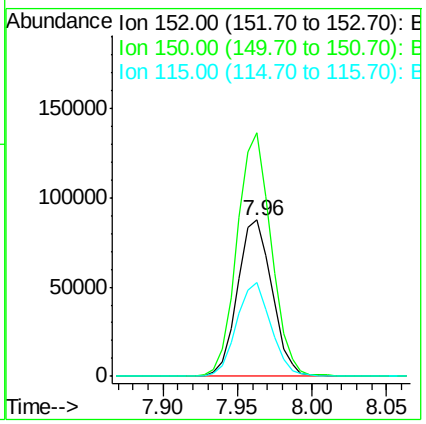


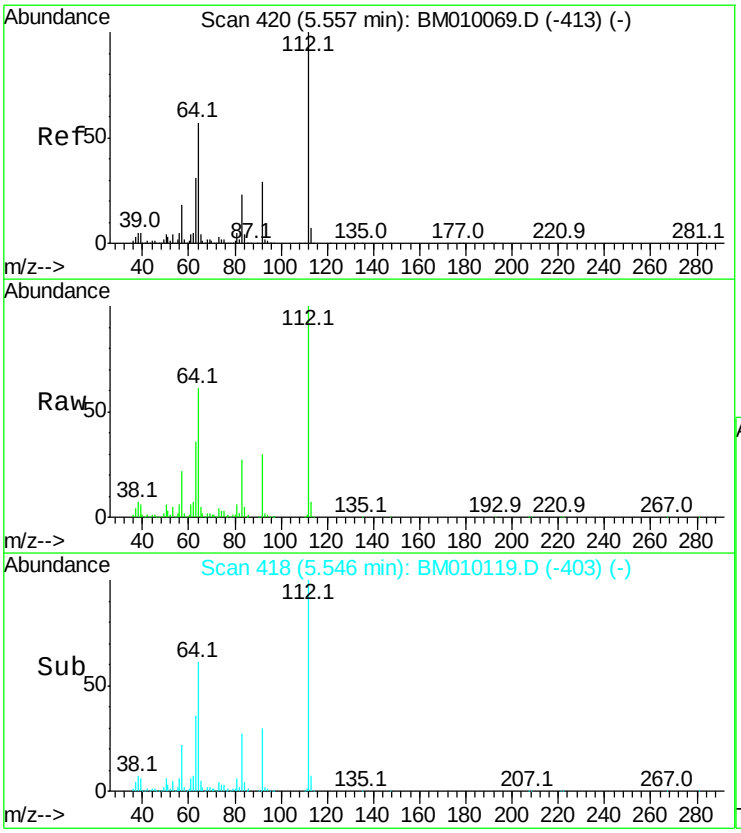
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Instrument :
BNA_M
ClientSampleId :
EX-14

Tgt Ion:152 Resp: 140440

Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	60.1	43.0	64.4

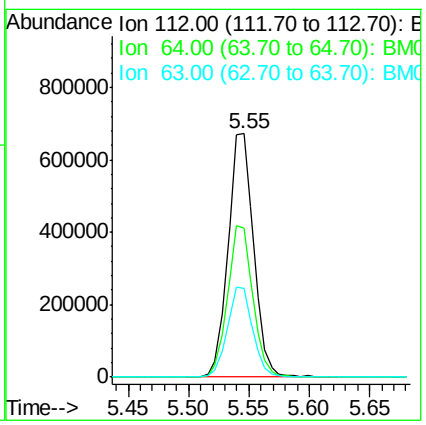


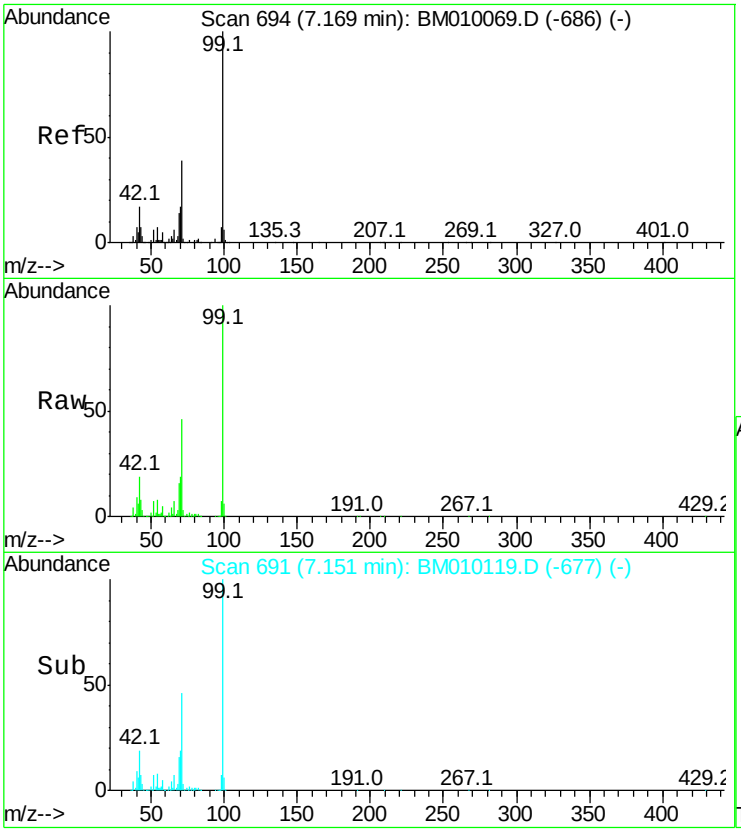


#5
2-Fluorophenol
Concen: 127.55 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Tgt Ion:112 Resp: 991918

Ion	Ratio	Lower	Upper
112	100		
64	61.0	38.6	57.8#
63	36.4	19.3	28.9#



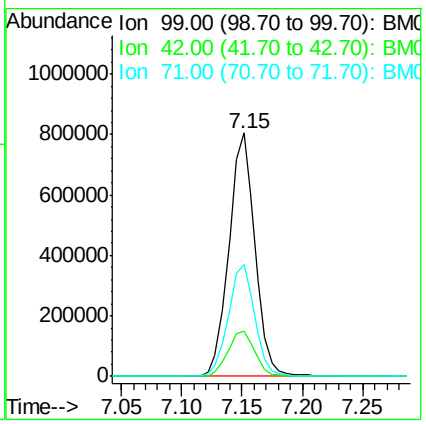


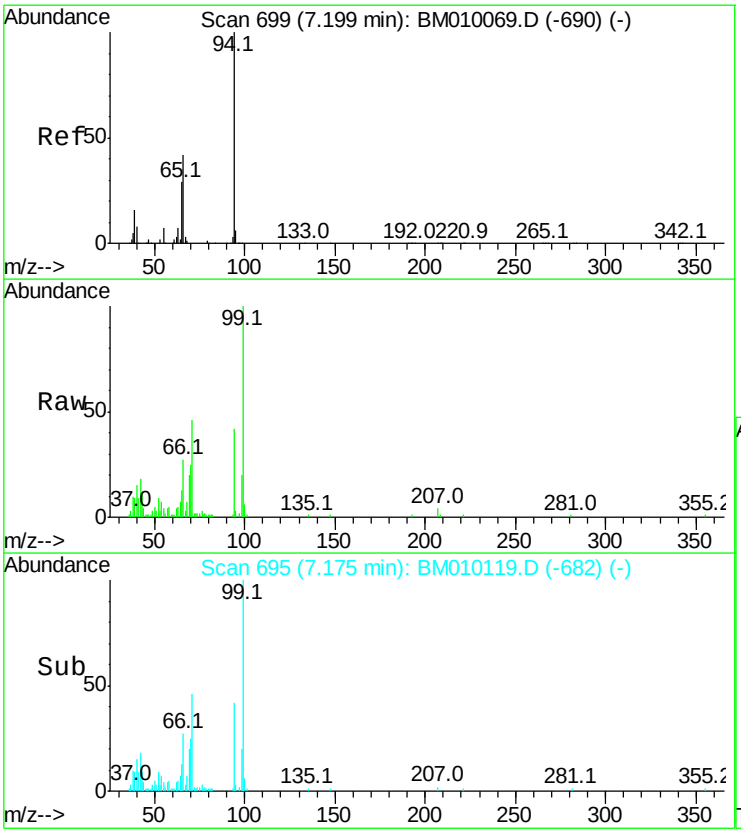
#7
Phenol-d6
Concen: 120.68 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Instrument :
BNA_M
ClientSampleId :
EX-14

Tgt Ion: 99 Resp: 1207669

Ion	Ratio	Lower	Upper
99	100		
42	18.8	11.0	16.4#
71	45.8	23.4	35.2#

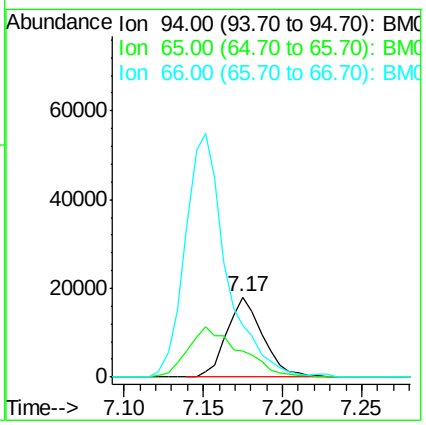


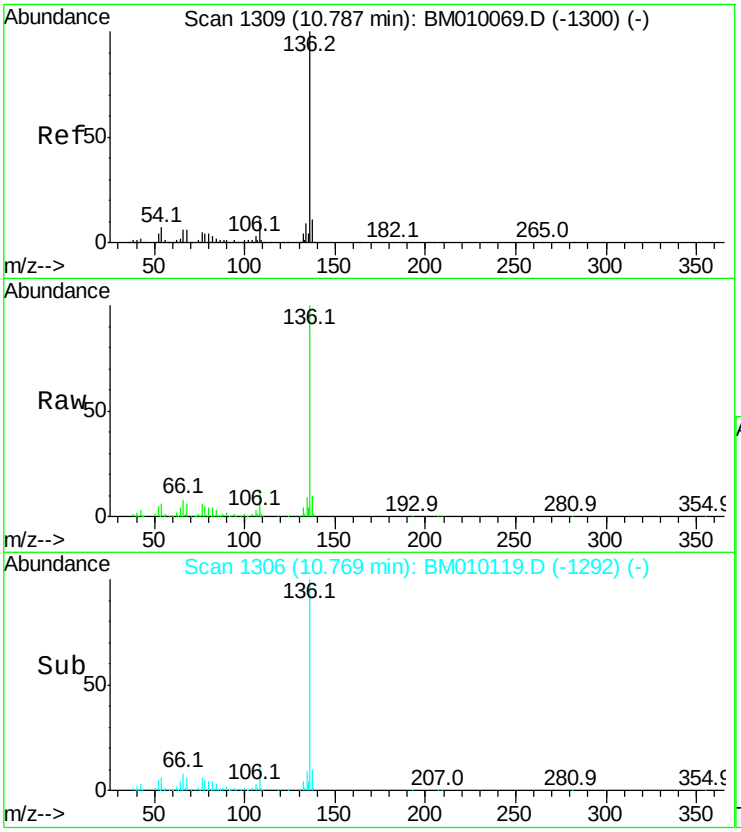


#10
Phenol
Concen: 2.69 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Tgt Ion: 94 Resp: 28413

Ion	Ratio	Lower	Upper
94	100		
65	31.8	18.8	58.8
66	63.9	39.9	79.9



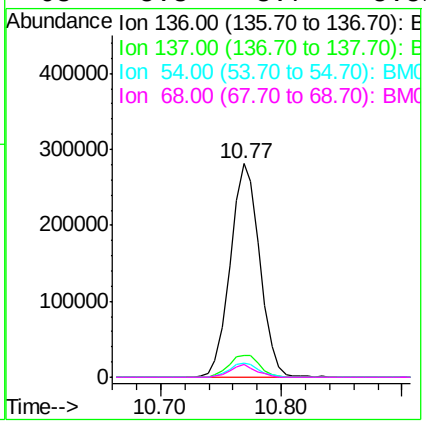


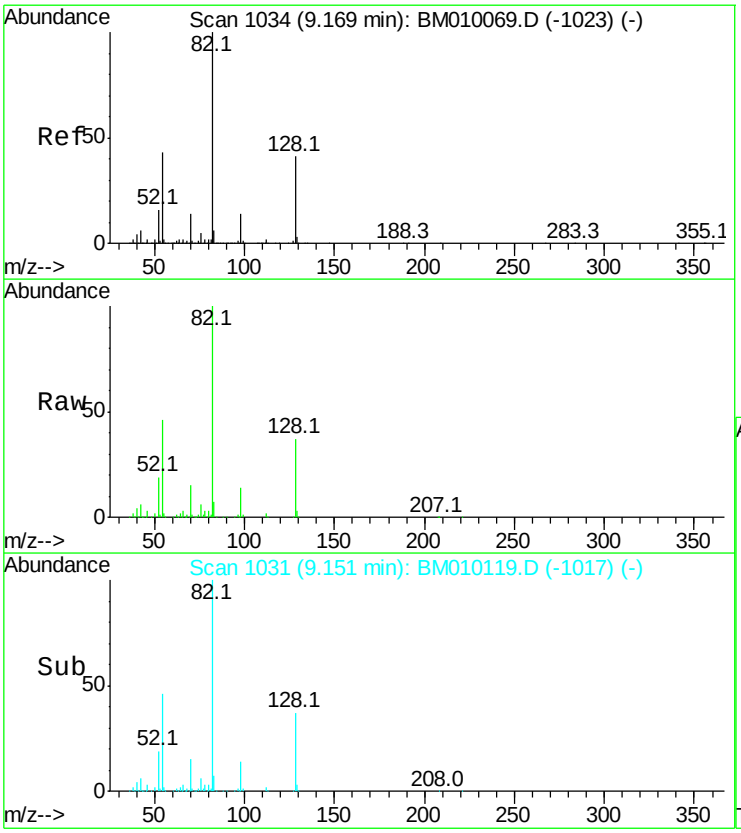
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Instrument :
BNA_M
ClientSampleId :
EX-14

Tgt Ion:136 Resp: 477347

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.5	4.6	6.8
68	5.8	3.7	5.5#

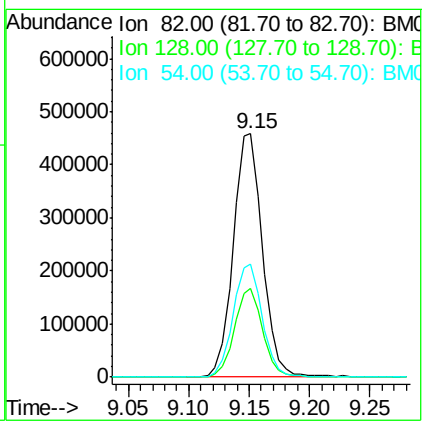


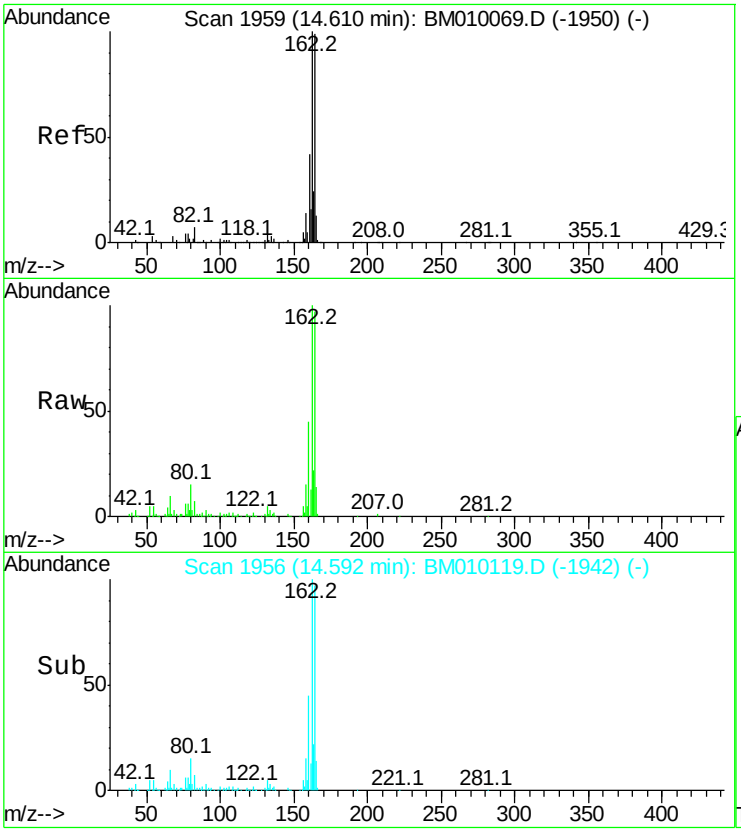


#23
Nitrobenzene-d5
Concen: 87.30 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Tgt Ion: 82 Resp: 772427

Ion	Ratio	Lower	Upper
82	100		
128	36.6	32.8	49.2
54	46.2	40.6	60.8



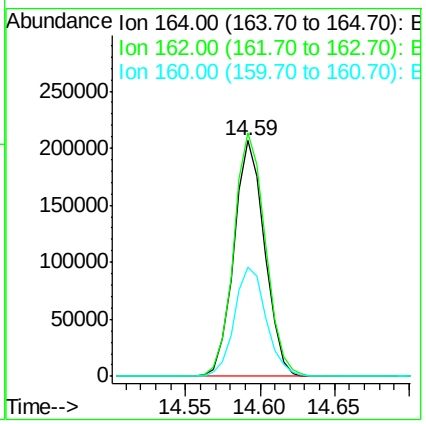


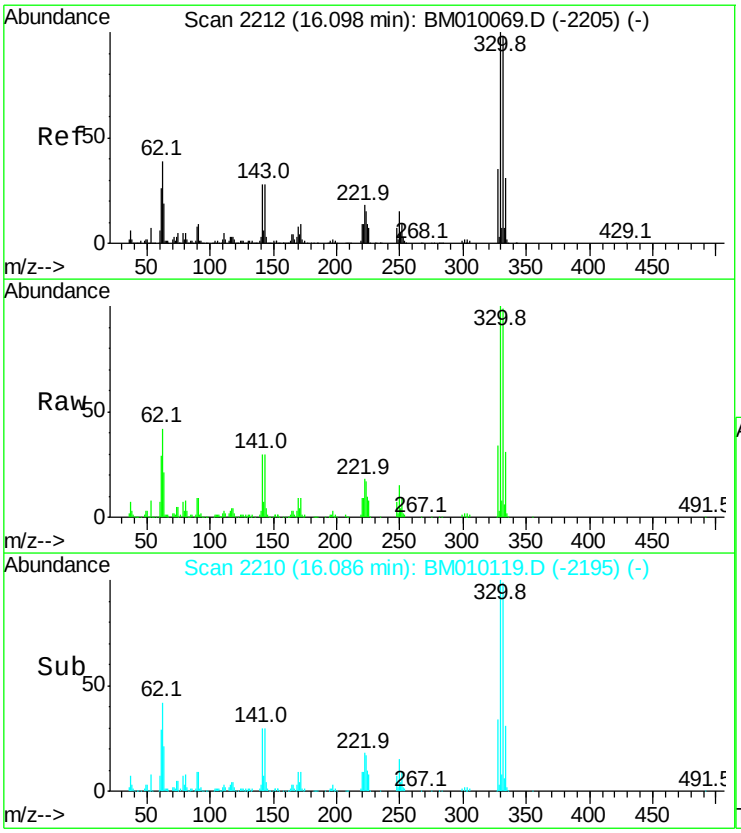
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Instrument :
BNA_M
ClientSampleId :
EX-14

Tgt Ion:164 Resp: 296246

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.4	123.6
160	46.2	35.8	53.6

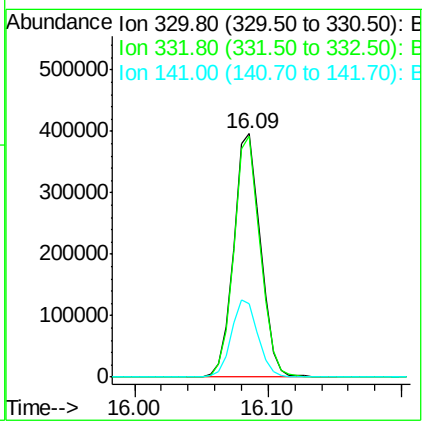


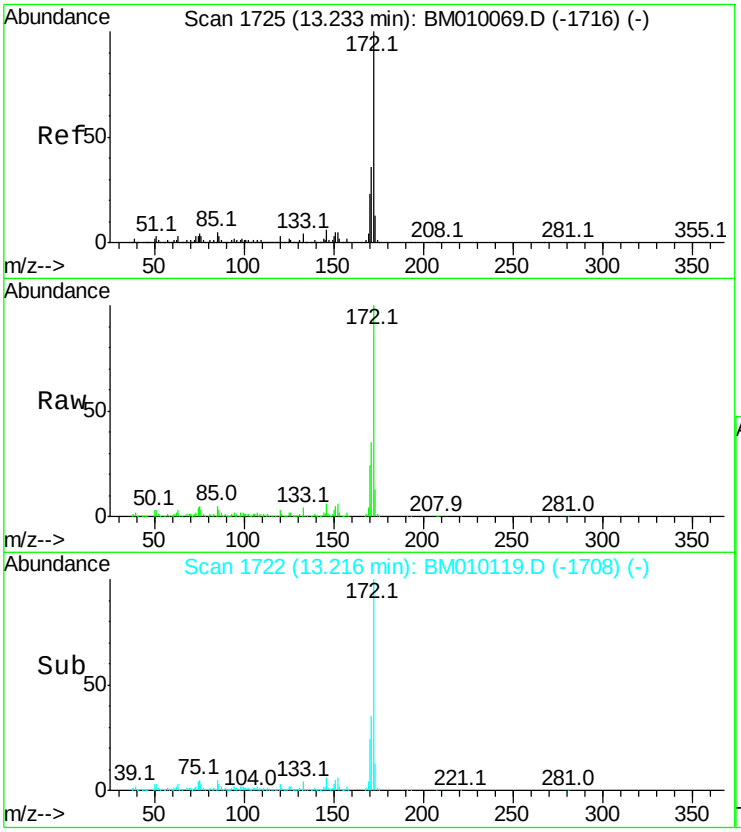


#41
2,4,6-Tribromophenol
Concen: 122.96 ng
RT: 16.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Tgt Ion:330 Resp: 553263

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	31.6	0.0	0.0#



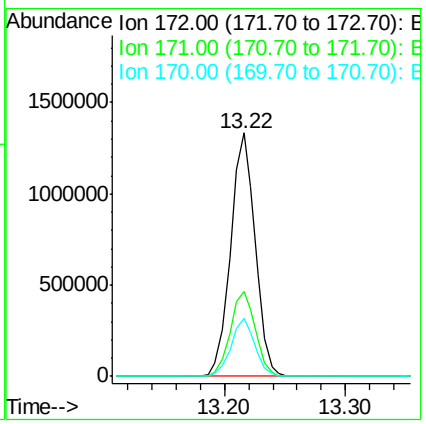


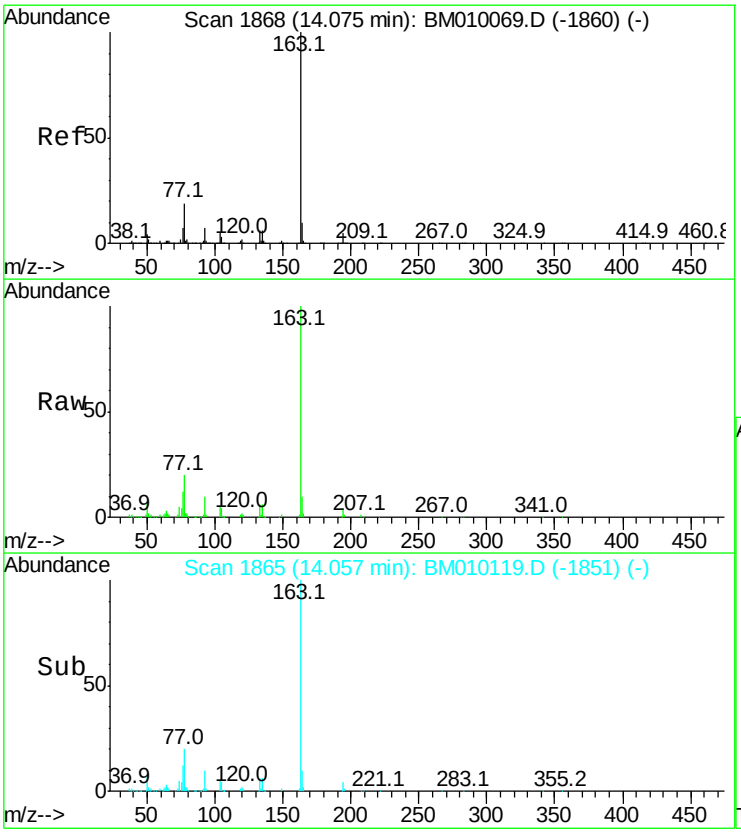
#44
2-Fluorobiphenyl
Concen: 81.73 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Instrument :
BNA_M
ClientSampleId :
EX-14

Tgt Ion:172 Resp: 1883291

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	18.8	28.2

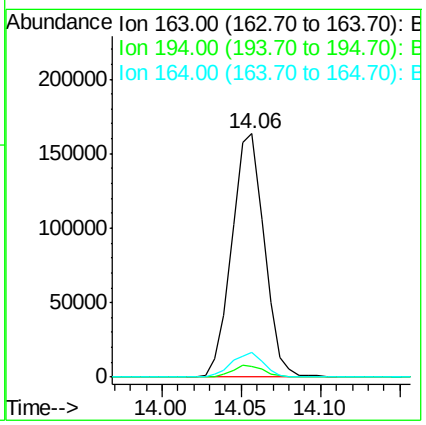


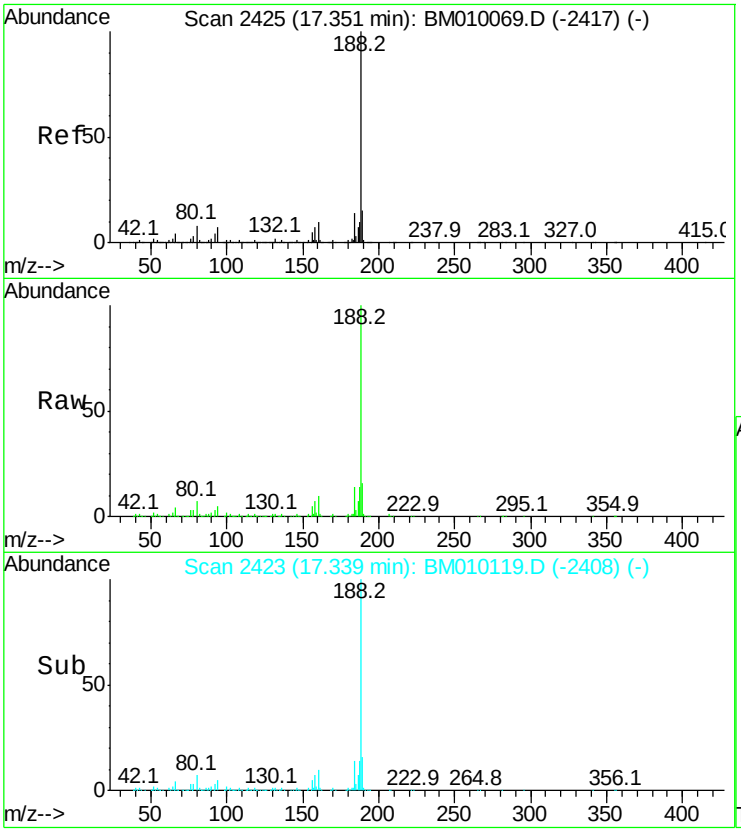


#49
Dimethylphthalate
Concen: 8.78 ng
RT: 14.06 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Tgt Ion:163 Resp: 232010

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.3	8.2	12.2



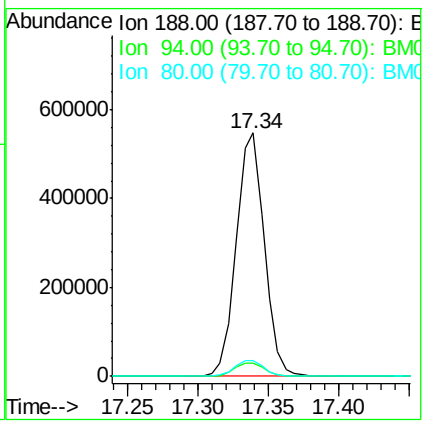


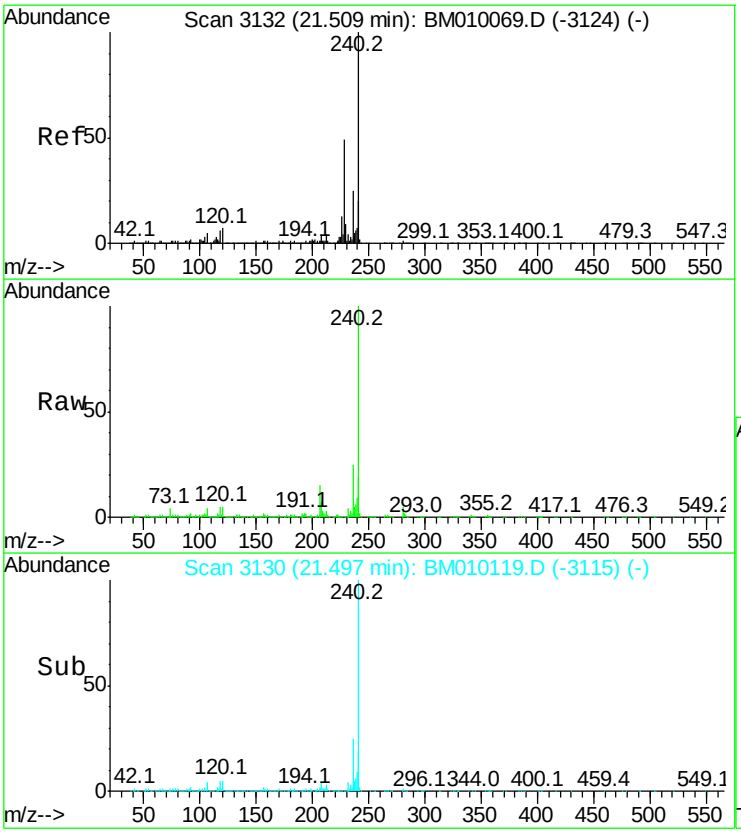
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Instrument :
BNA_M
ClientSampleId :
EX-14

Tgt Ion:188 Resp: 759248

Ion	Ratio	Lower	Upper
188	100		
94	5.2	8.7	13.1#
80	6.7	9.3	13.9#

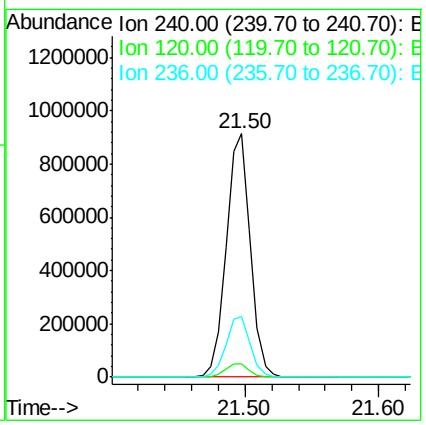


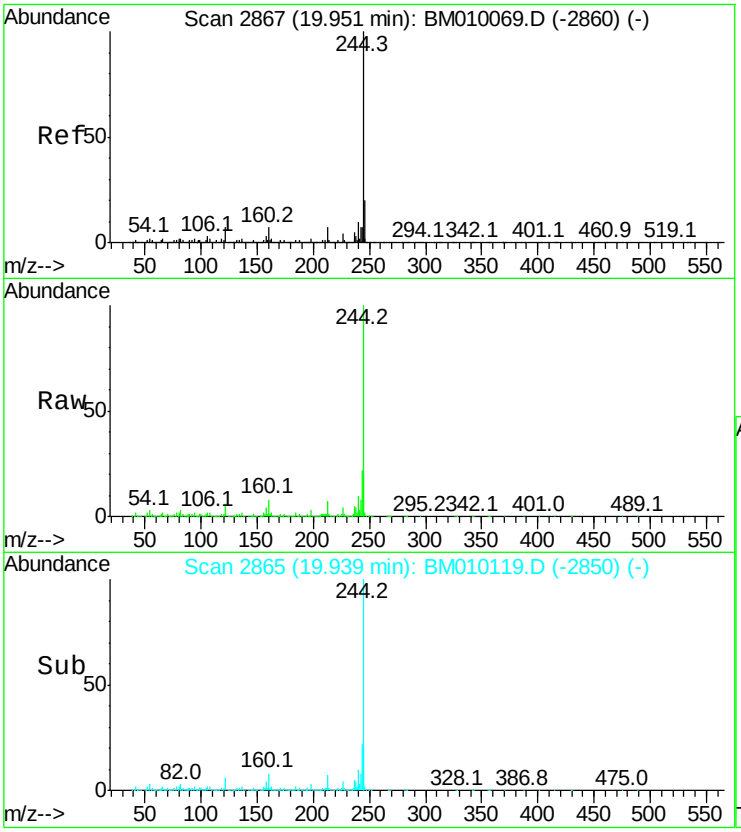


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Tgt Ion:240 Resp: 1154473

Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	24.9	20.0	30.0



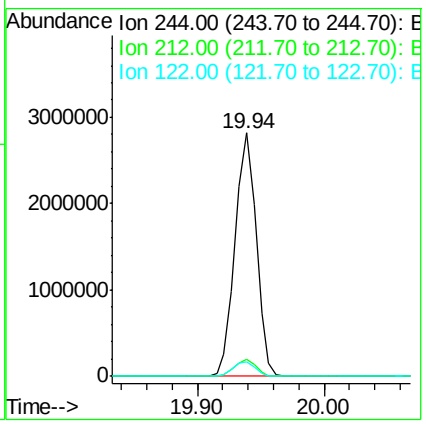


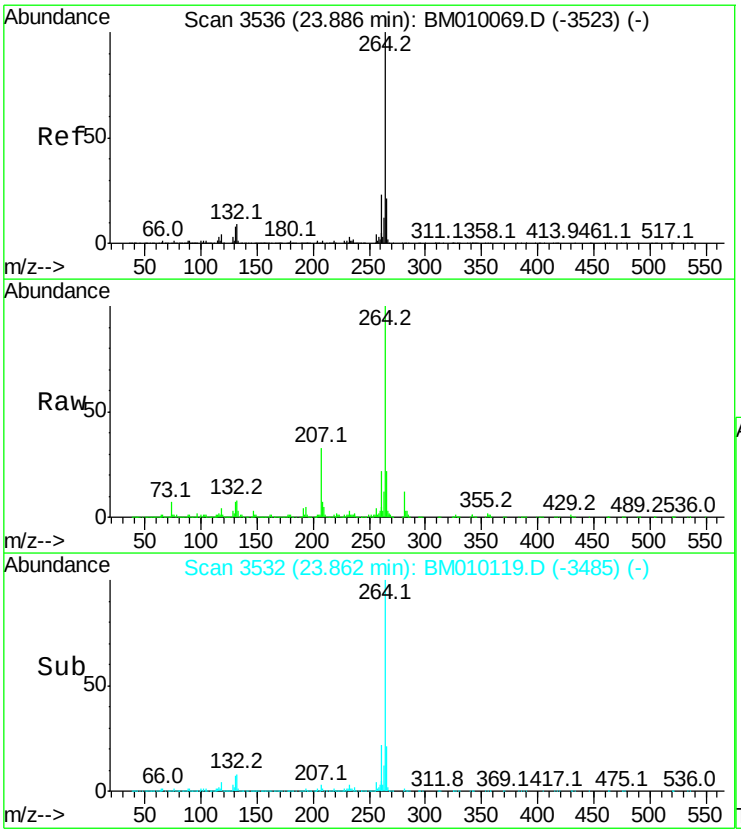
#78
Terphenyl-d14
Concen: 64.30 ng
RT: 19.94 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Instrument :
BNA_M
ClientSampleId :
EX-14

Tgt Ion:244 Resp: 3264857

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.1	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BM010119.D
Acq: 23 May 2017 01:11

Tgt Ion:264 Resp: 1329823

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	22.3	17.3	25.9