Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010166.D
Acq On : 24 May 2017 06:11
Operator : SJ/MA
Sample : I3222-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-20

Quant Time: May 24 08:00:53 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	7.95	152	124422	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	415645	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	265710	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	683437	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1050535	20.00	ng		-0.02
86) Perylene-d12	23.86	264	1193021	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	672078	97.54	ng		-0.02
7) Phenol-d6	7.14	99	905034	102.08	ng		-0.03
23) Nitrobenzene-d5	9.14	82	603522	78.34	ng		-0.03
41) 2,4,6-Tribromophenol	16.07	330	387548	96.03	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	1474379	71.33	ng		-0.03
78) Terphenyl-d14	19.93	244	2691136	58.25	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.17	94	21728	2.33	ng		96
49) Dimethylphthalate	14.05	163	160708	6.78	ng	#	95

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

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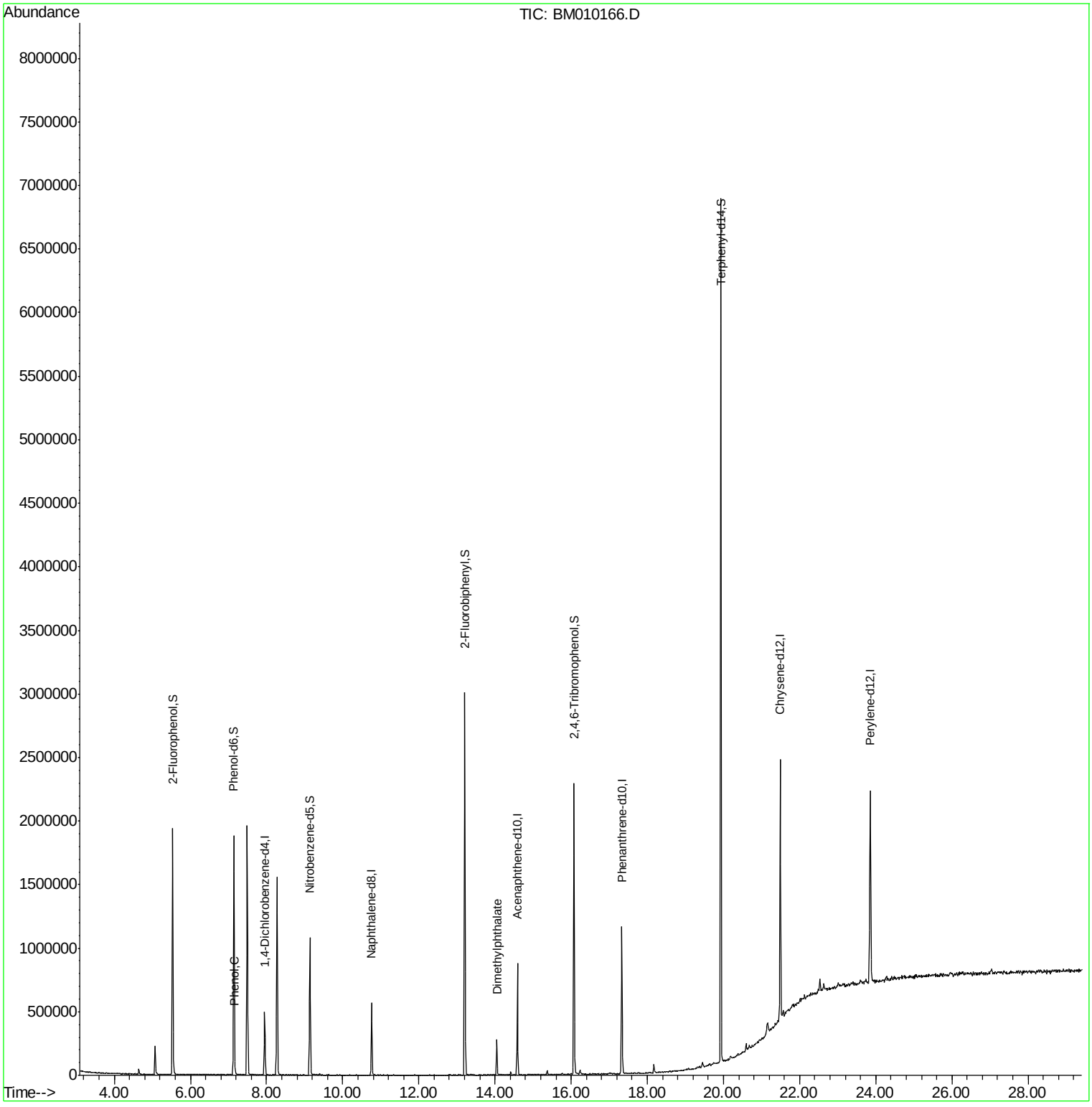
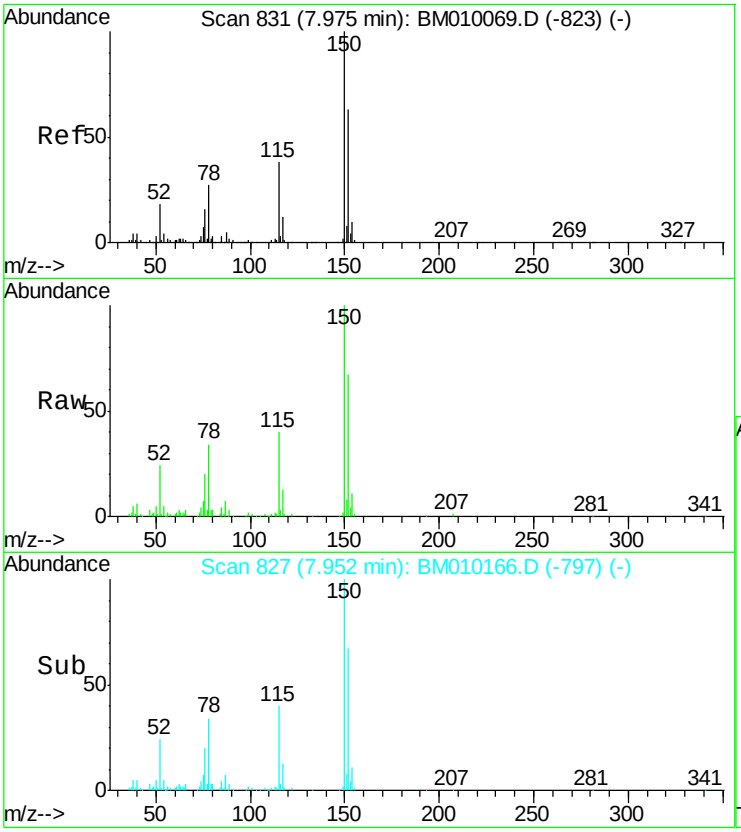


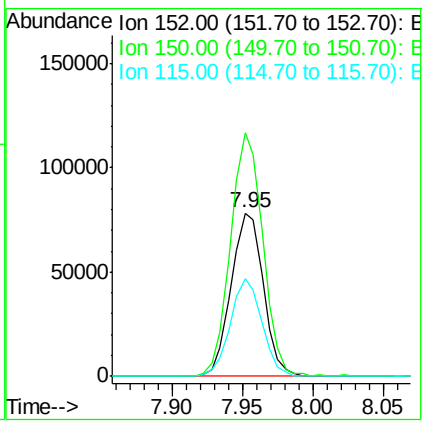


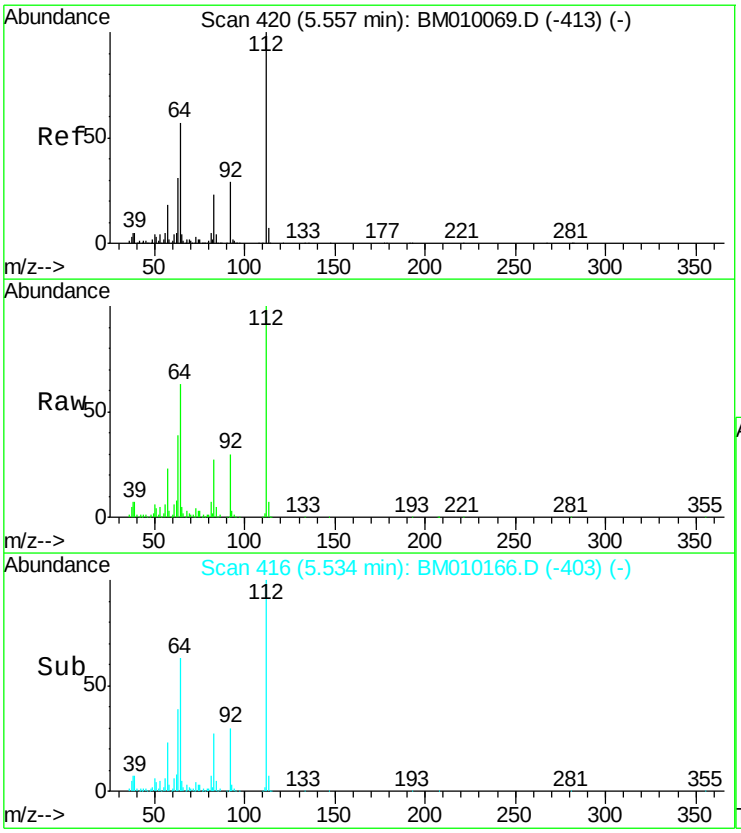
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Instrument :
BNA_M
ClientSampleId :
EX-20

Tgt Ion:152 Resp: 124422

Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	59.9	43.0	64.4

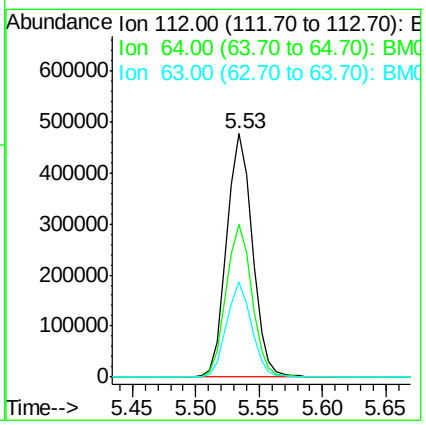


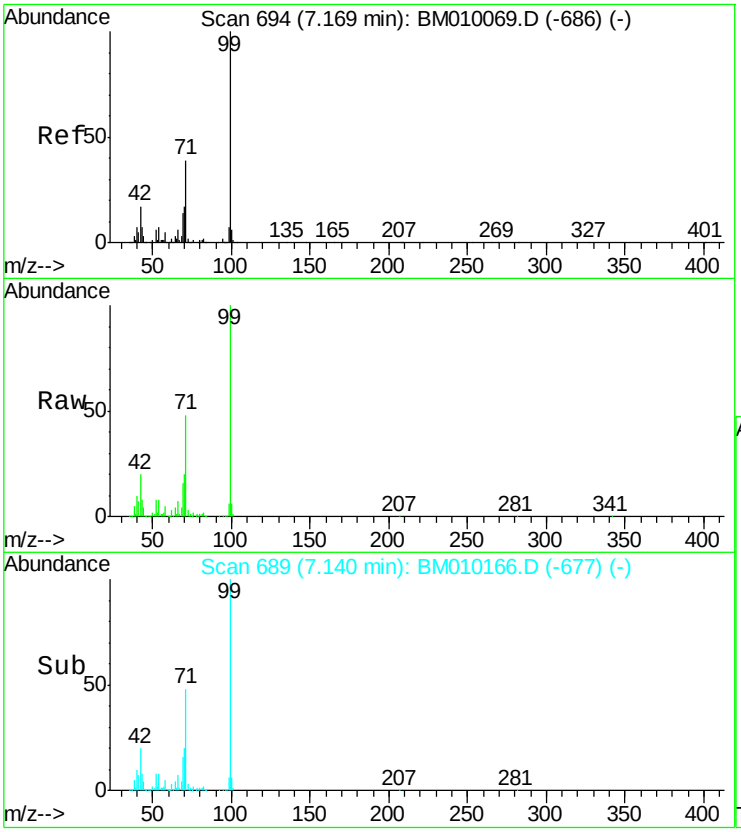


#5
2-Fluorophenol
Concen: 97.54 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Tgt Ion:112 Resp: 672078

Ion	Ratio	Lower	Upper
112	100		
64	62.9	38.6	57.8#
63	39.0	19.3	28.9#



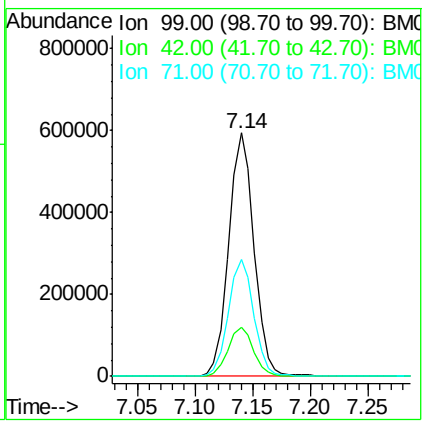


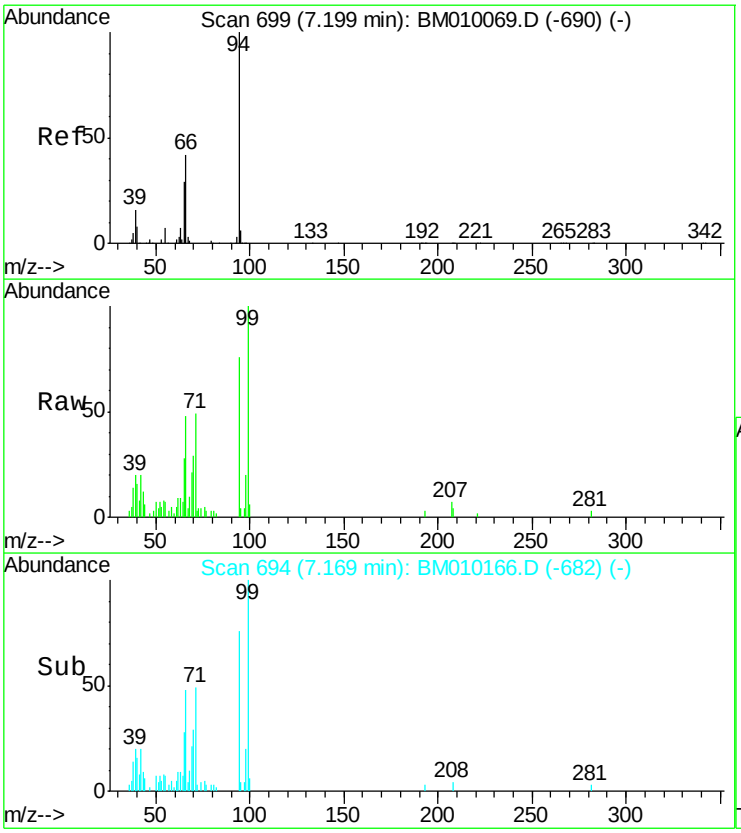
#7
Phenol-d6
Concen: 102.08 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.03 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Instrument :
BNA_M
ClientSampleId :
EX-20

Tgt Ion: 99 Resp: 905034

Ion	Ratio	Lower	Upper
99	100		
42	20.0	11.0	16.4#
71	48.0	23.4	35.2#

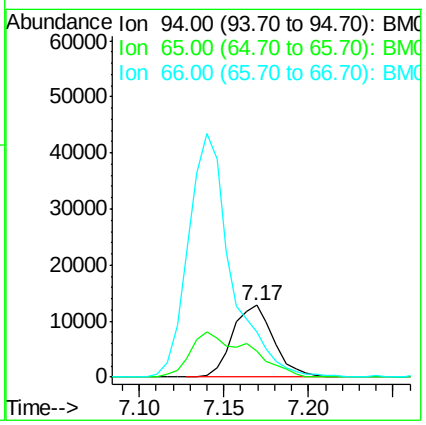


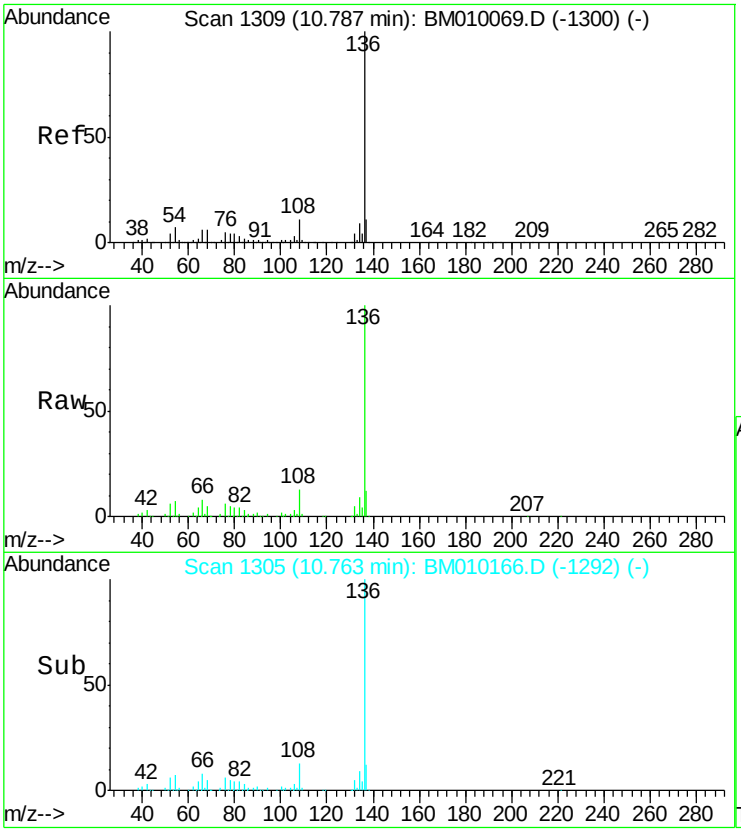


#10
Phenol
Concen: 2.33 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Tgt Ion: 94 Resp: 21728

Ion	Ratio	Lower	Upper
94	100		
65	36.8	18.8	58.8
66	63.5	39.9	79.9



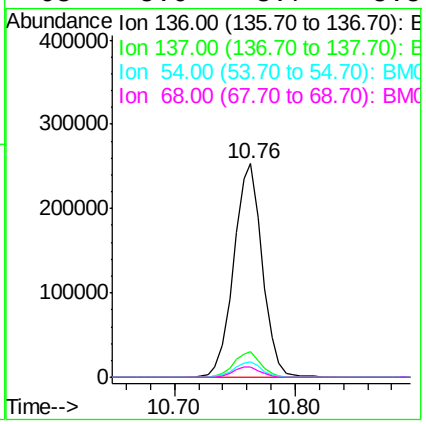


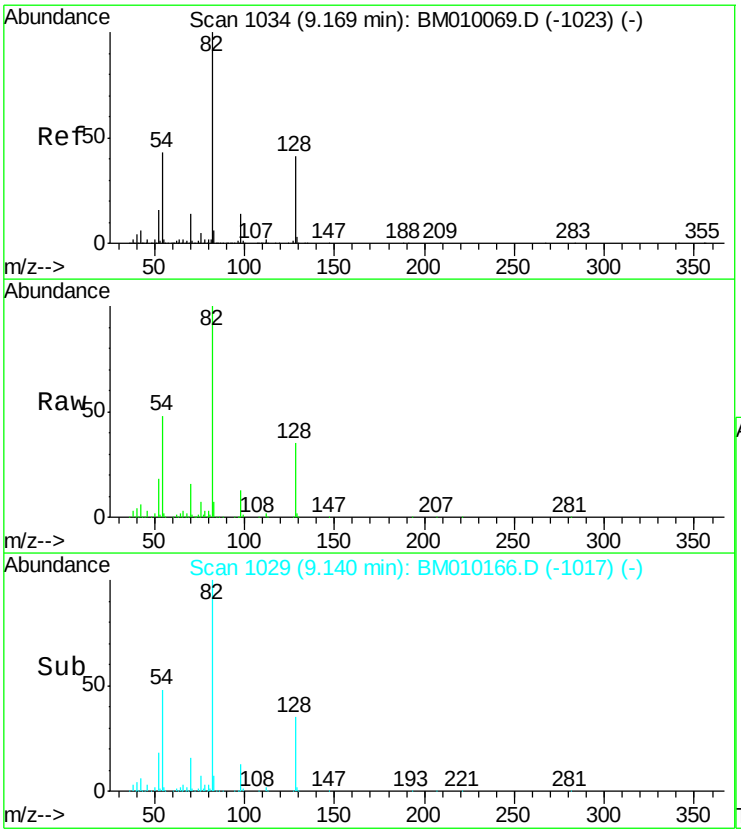
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Instrument :
BNA_M
ClientSampleId :
EX-20

Tgt Ion:136 Resp: 415645

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	7.0	4.6	6.8#
68	5.0	3.7	5.5

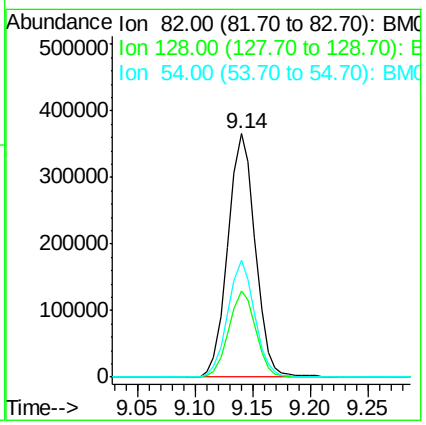


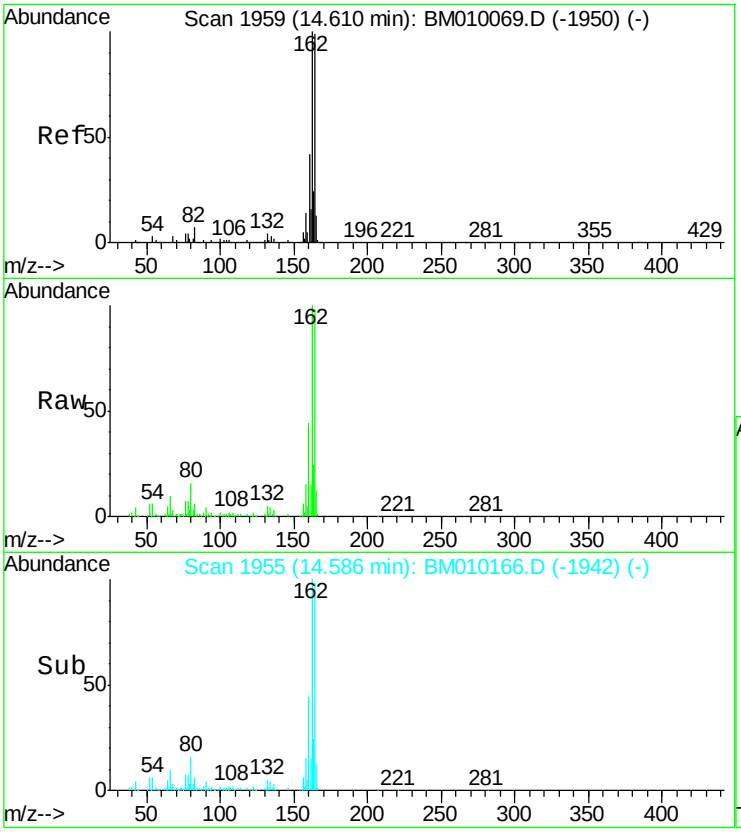


#23
Nitrobenzene-d5
Concen: 78.34 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Tgt Ion: 82 Resp: 603522

Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	48.2	40.6	60.8



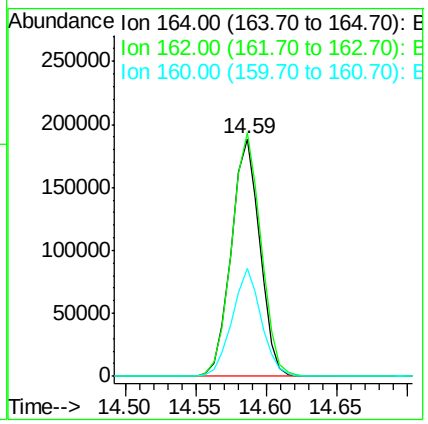


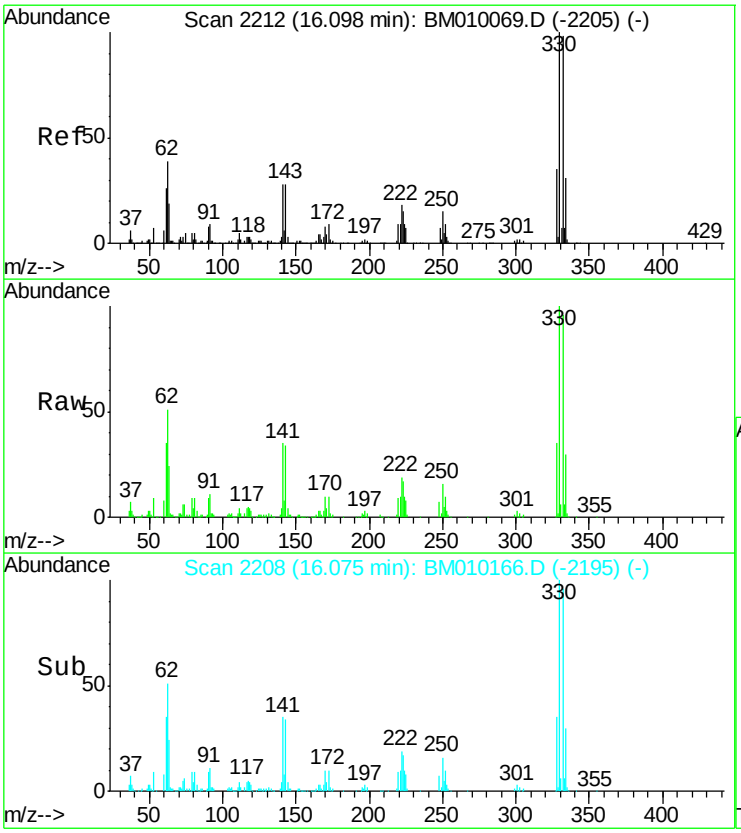
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Instrument :
BNA_M
ClientSampleId :
EX-20

Tgt Ion:164 Resp: 265710

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	45.4	35.8	53.6

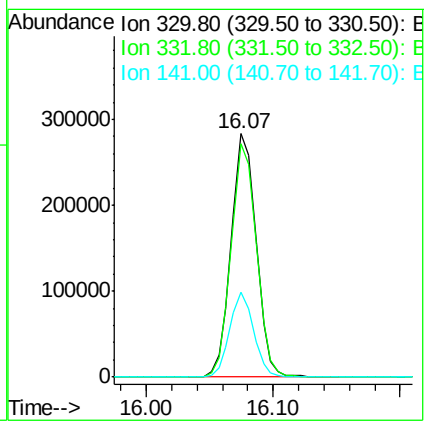


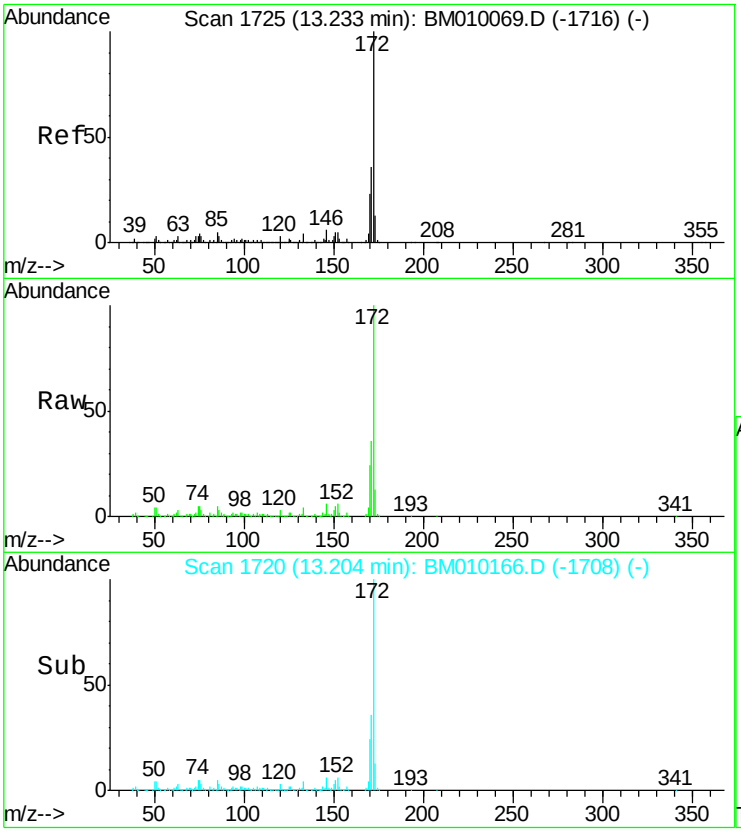


#41
2,4,6-Tribromophenol
Concen: 96.03 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Tgt Ion:330 Resp: 387548

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.2	0.0	0.0#



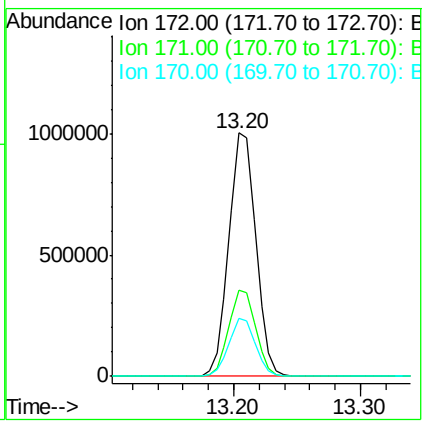


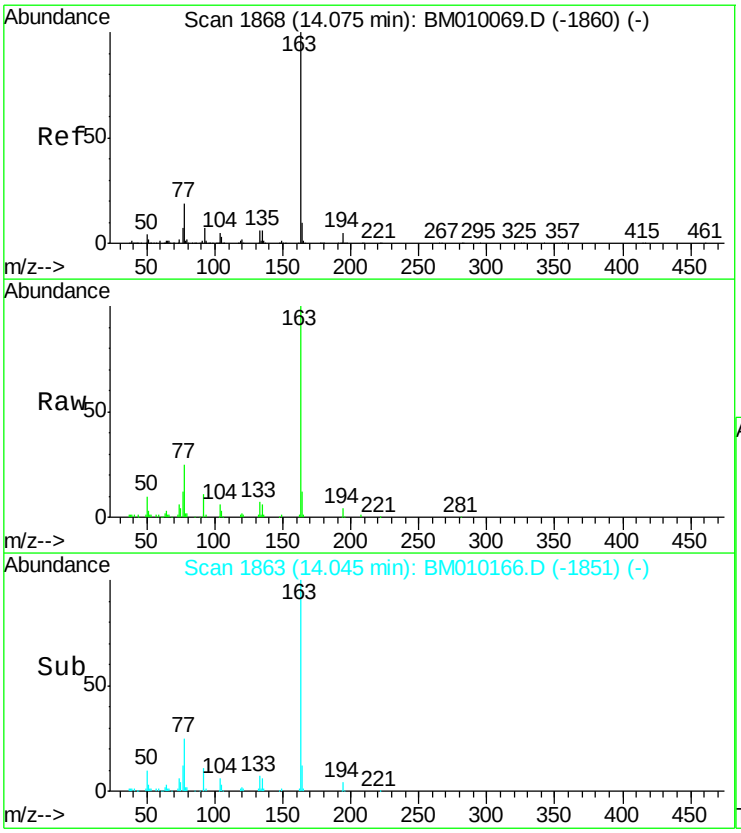
#44
2-Fluorobiphenyl
Concen: 71.33 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Instrument :
BNA_M
ClientSampleId :
EX-20

Tgt Ion:172 Resp: 1474379

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.6	18.8	28.2

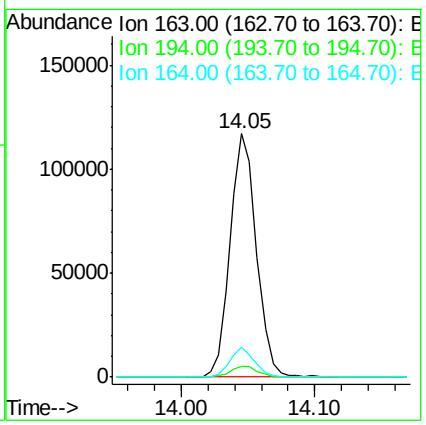


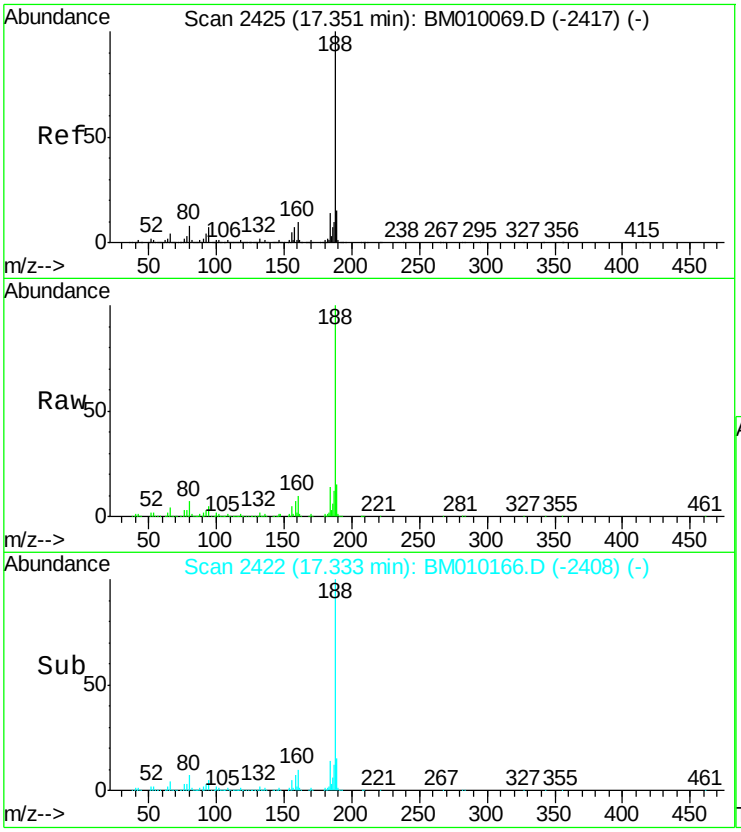


#49
Dimethylphthalate
Concen: 6.78 ng
RT: 14.05 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Tgt Ion:163 Resp: 160708

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	12.3	8.2	12.2#



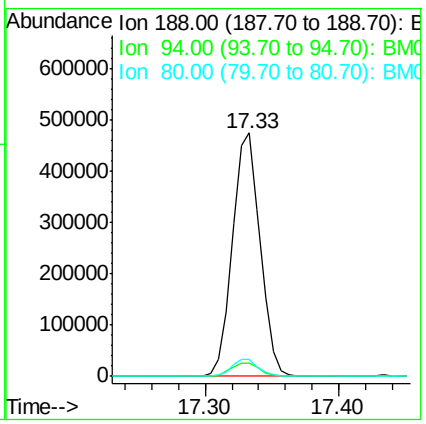


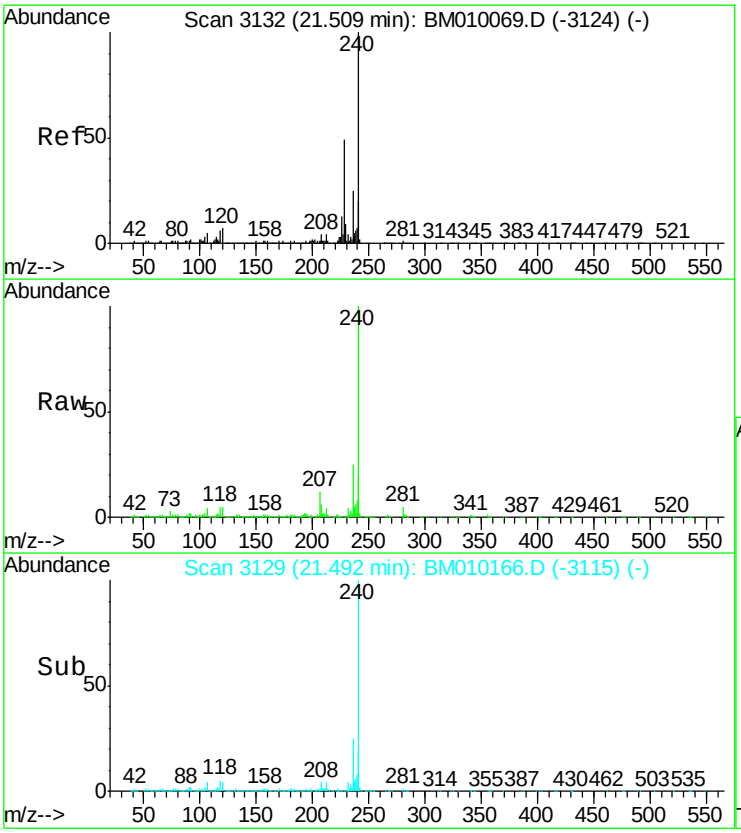
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Instrument :
BNA_M
ClientSampleId :
EX-20

Tgt Ion:188 Resp: 683437

Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.8	9.3	13.9#

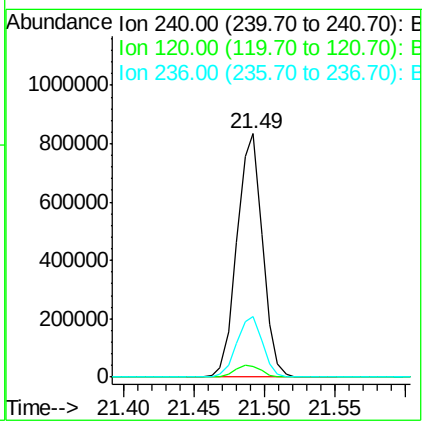


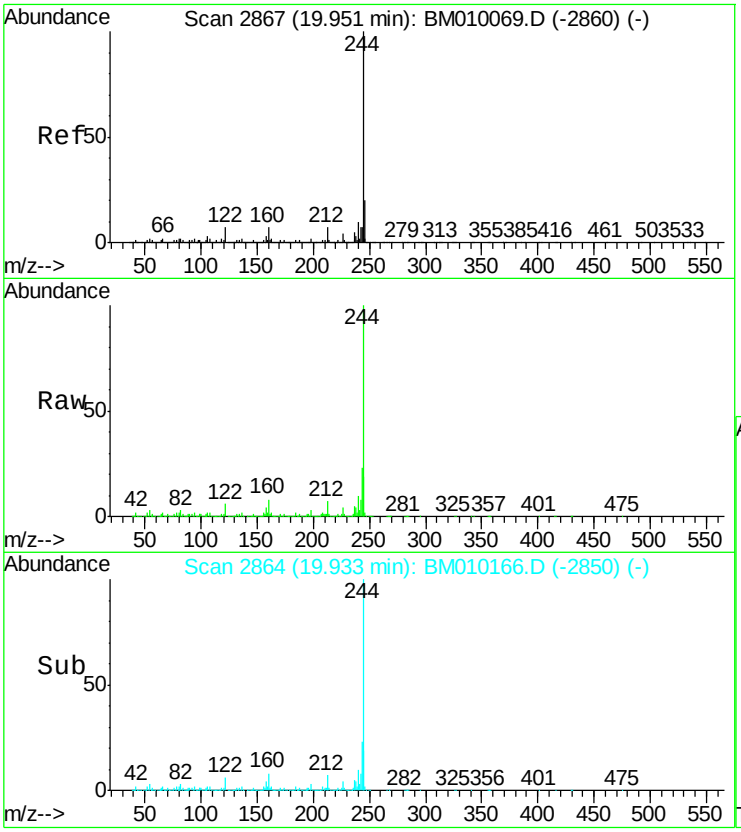


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Tgt Ion:240 Resp: 1050535

Ion	Ratio	Lower	Upper
240	100		
120	4.5	8.2	12.2#
236	24.7	20.0	30.0



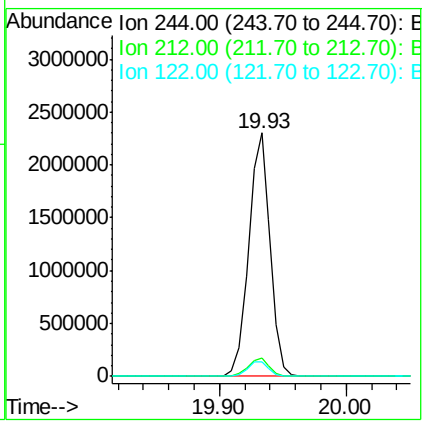


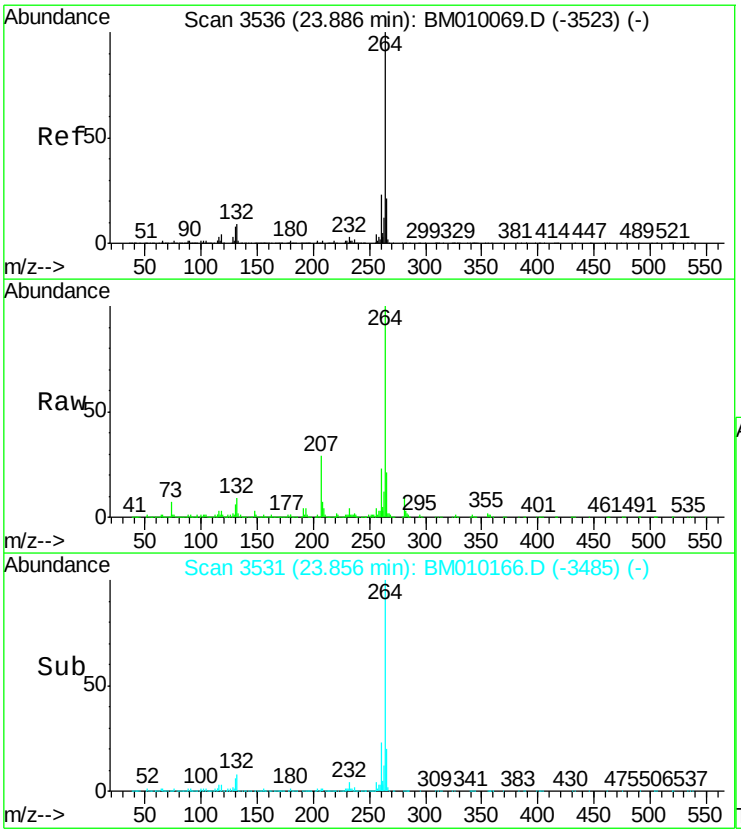
#78
Terphenyl-d14
Concen: 58.25 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Instrument :
BNA_M
ClientSampleId :
EX-20

Tgt Ion:244 Resp: 2691136

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BM010166.D
Acq: 24 May 2017 06:11

Tgt Ion:264 Resp: 1193021

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.4	17.3	25.9