Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010163.D
Acq On : 24 May 2017 04:23
Operator : SJ/MA
Sample : I3241-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP1-WC9(9.8-12)

Quant Time: May 24 06:47:13 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	127711	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	430267	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	265951	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	679873	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1063956	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1221850	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	843823	119.32	ng	-0.02
7) Phenol-d6	7.14	99	1056179	116.06	ng	-0.03
23) Nitrobenzene-d5	9.14	82	688495	86.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	504780	124.97	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1747470	84.47	ng	-0.02
78) Terphenyl-d14	19.93	244	3169890	67.74	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.16	94	23259	2.43	ng	# 76
49) Dimethylphthalate	14.05	163	209238	8.82	ng	# 99

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

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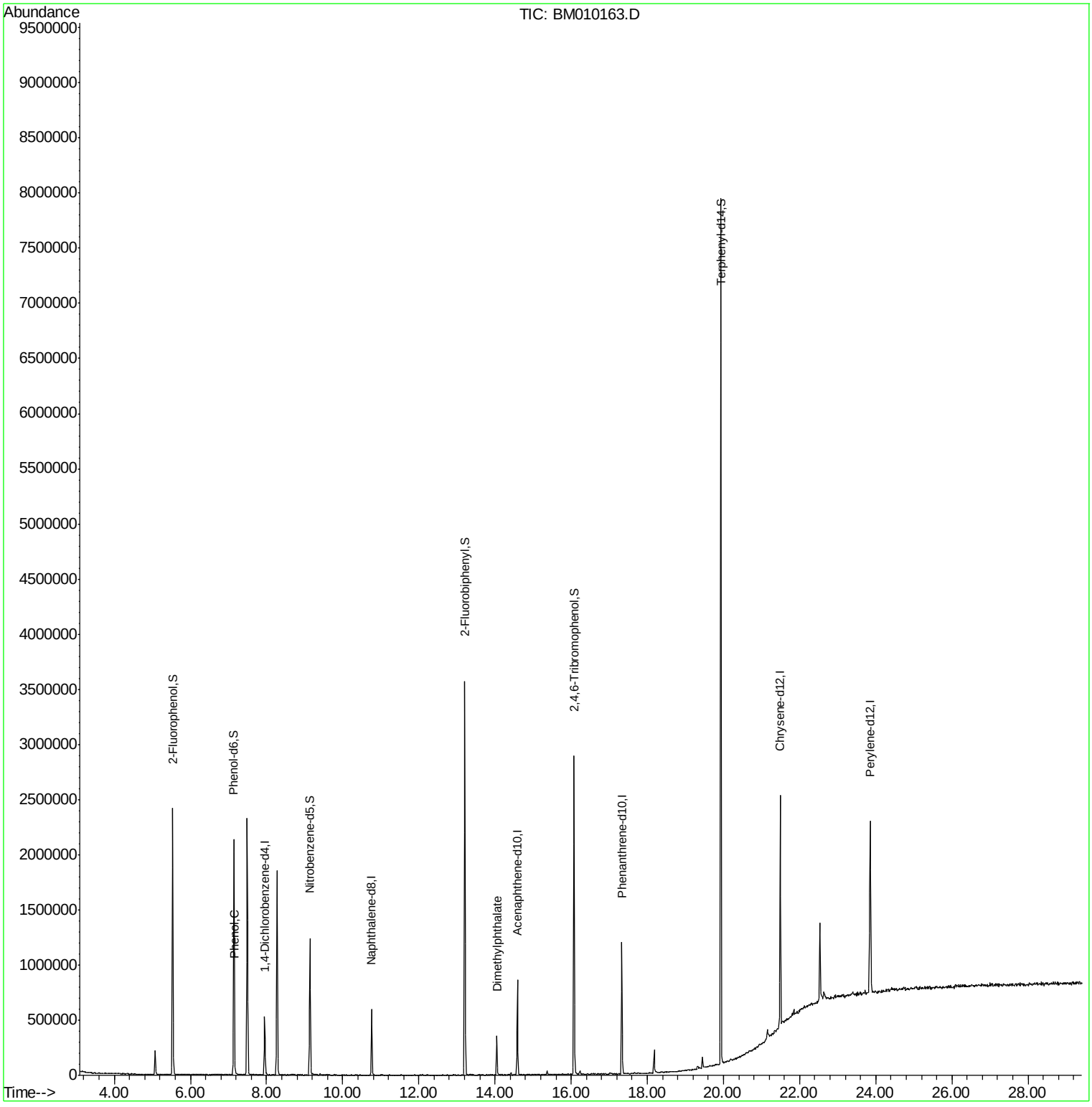
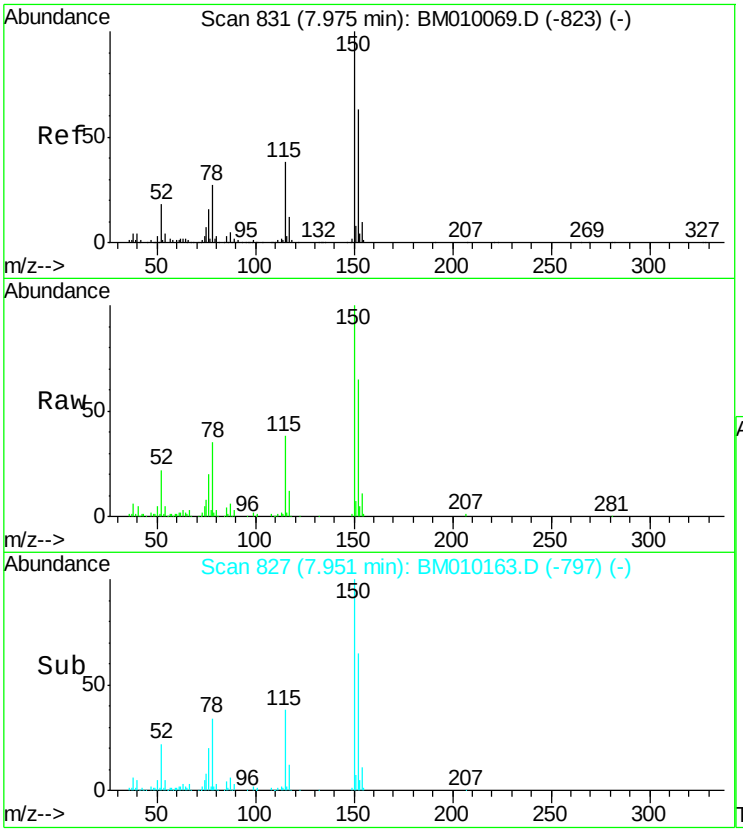


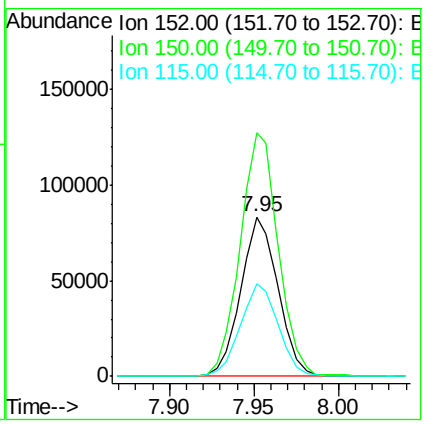


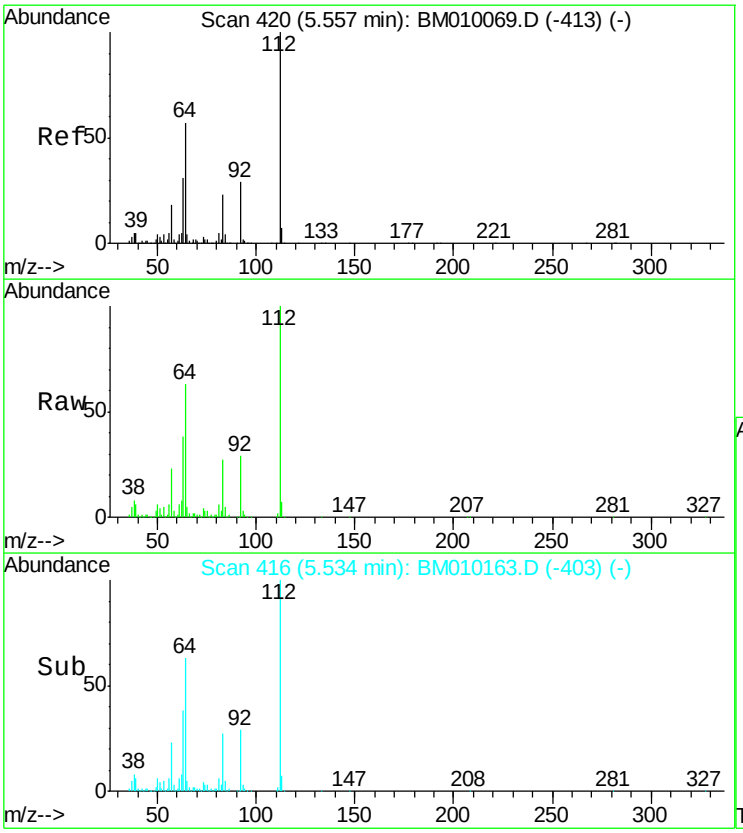
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion:152 Resp: 127711

Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	58.0	43.0	64.4

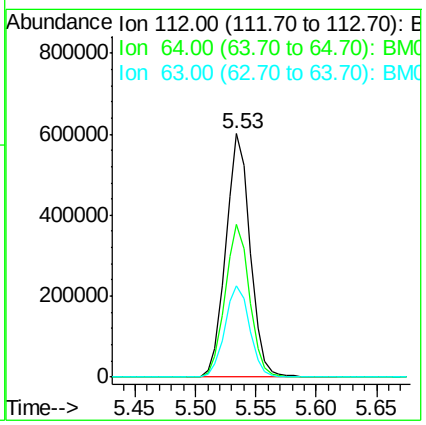


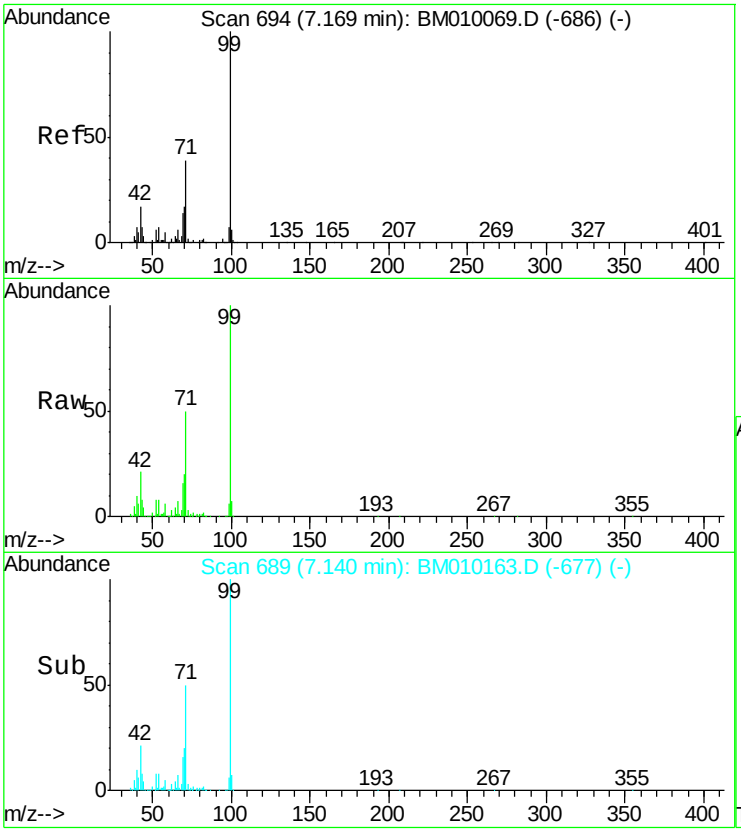


#5
2-Fluorophenol
Concen: 119.32 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:112 Resp: 843823

Ion	Ratio	Lower	Upper
112	100		
64	62.8	38.6	57.8#
63	37.7	19.3	28.9#



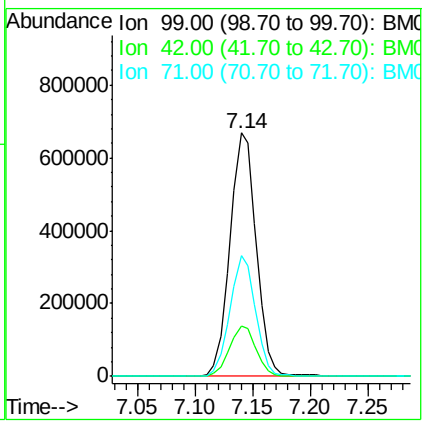


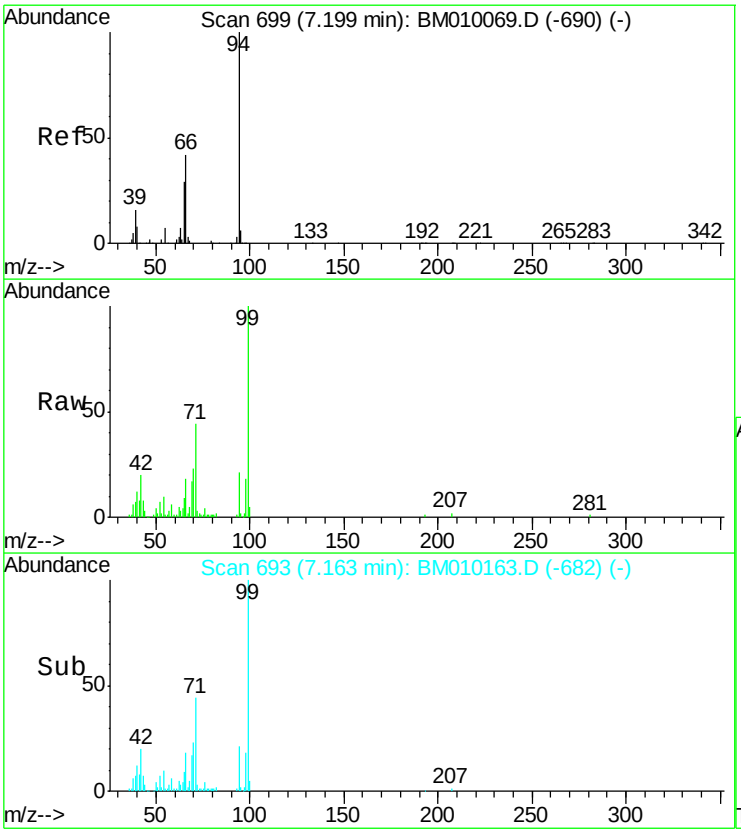
#7
Phenol-d6
Concen: 116.06 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.03 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion: 99 Resp: 1056179

Ion	Ratio	Lower	Upper
99	100		
42	20.6	11.0	16.4#
71	49.7	23.4	35.2#

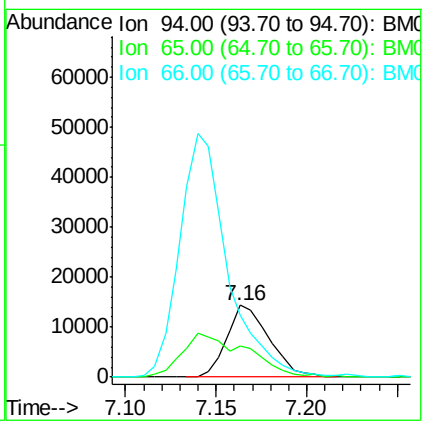


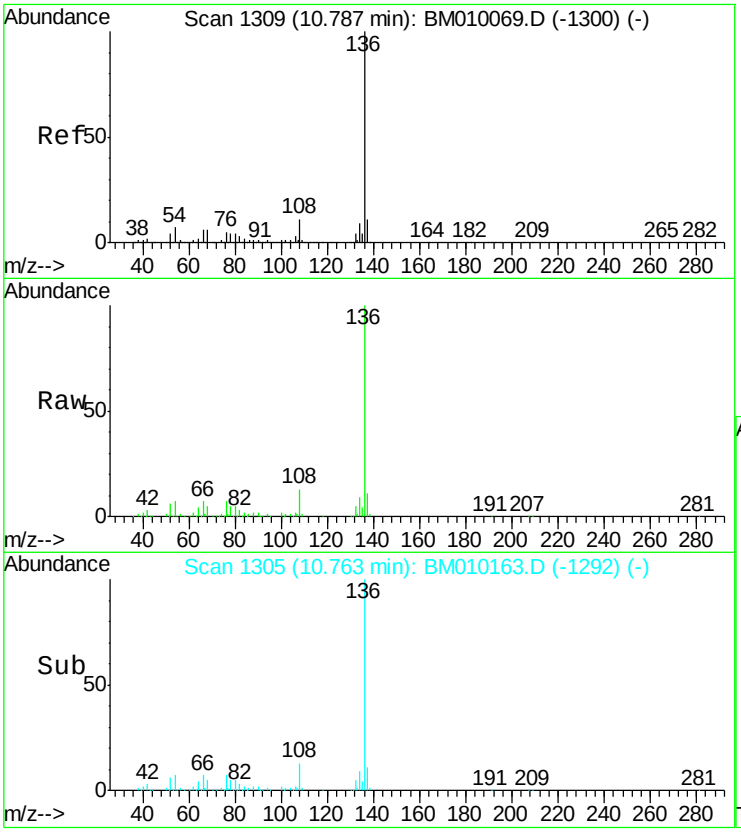


#10
Phenol
Concen: 2.43 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.04 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion: 94 Resp: 23259

Ion	Ratio	Lower	Upper
94	100		
65	42.7	18.8	58.8
66	86.4	39.9	79.9#



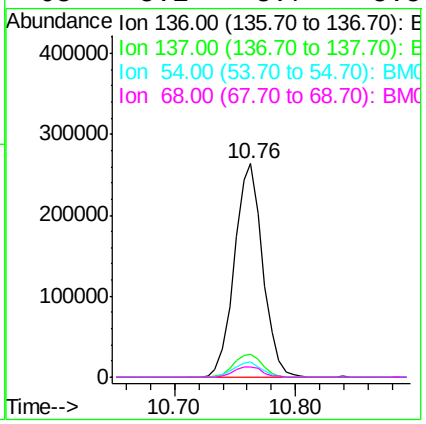


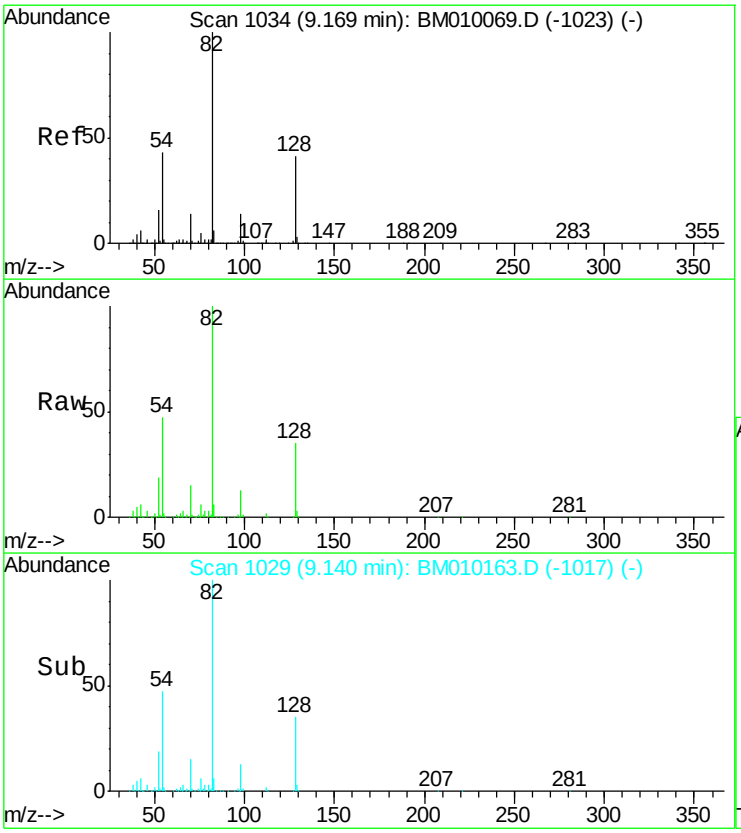
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion:136 Resp: 430267

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.0	4.6	6.8#
68	5.1	3.7	5.5

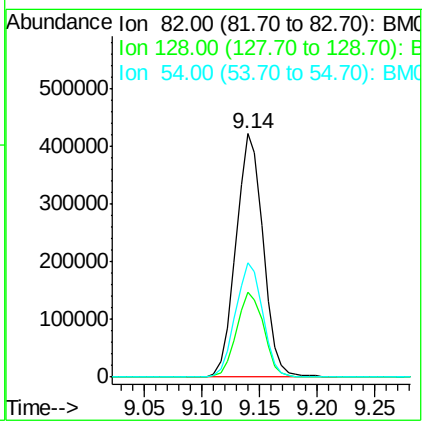


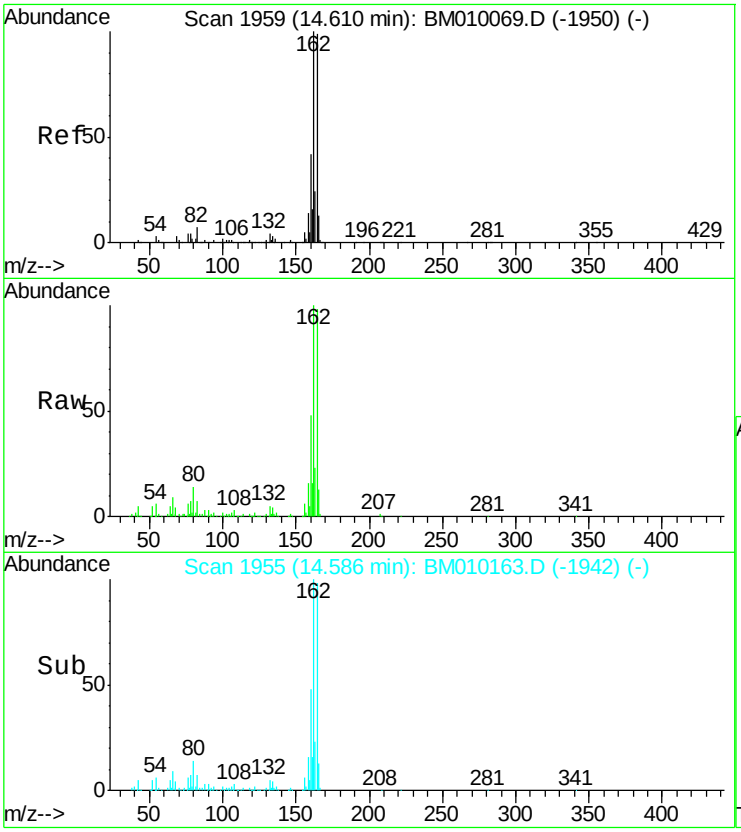


#23
Nitrobenzene-d5
Concen: 86.33 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion: 82 Resp: 688495

Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	47.1	40.6	60.8



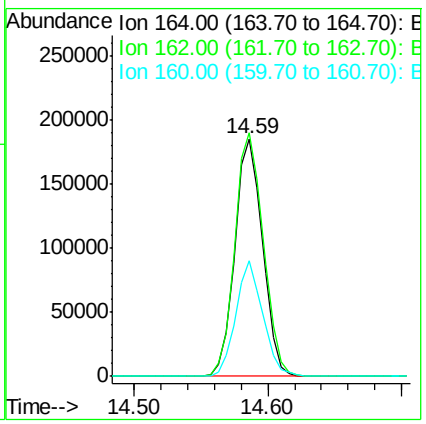


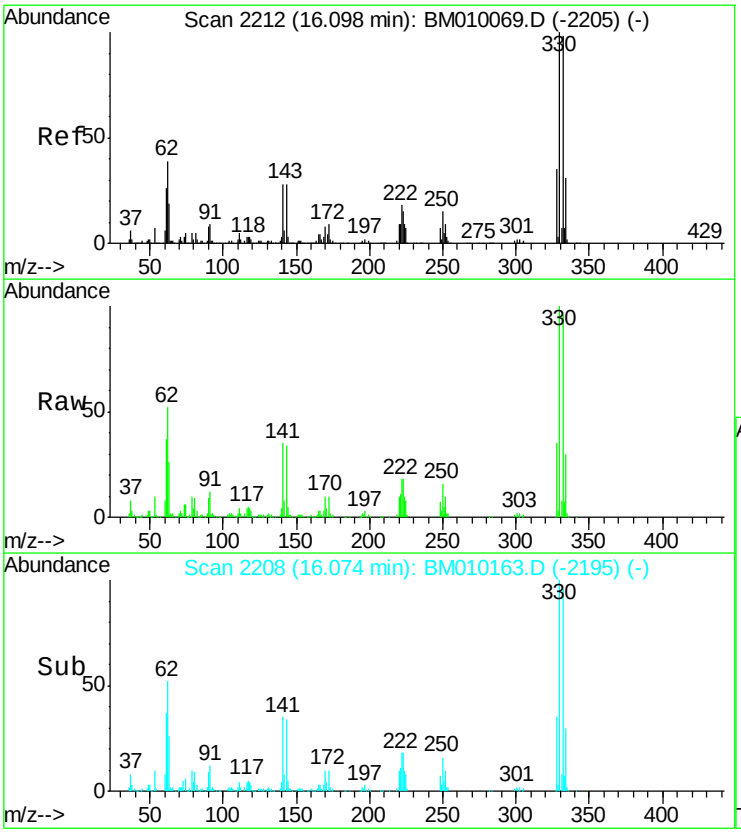
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion:164 Resp: 265951

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	48.7	35.8	53.6

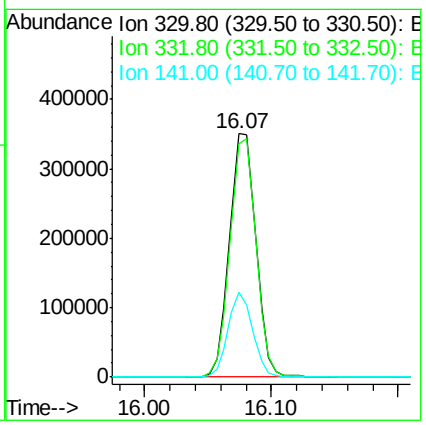


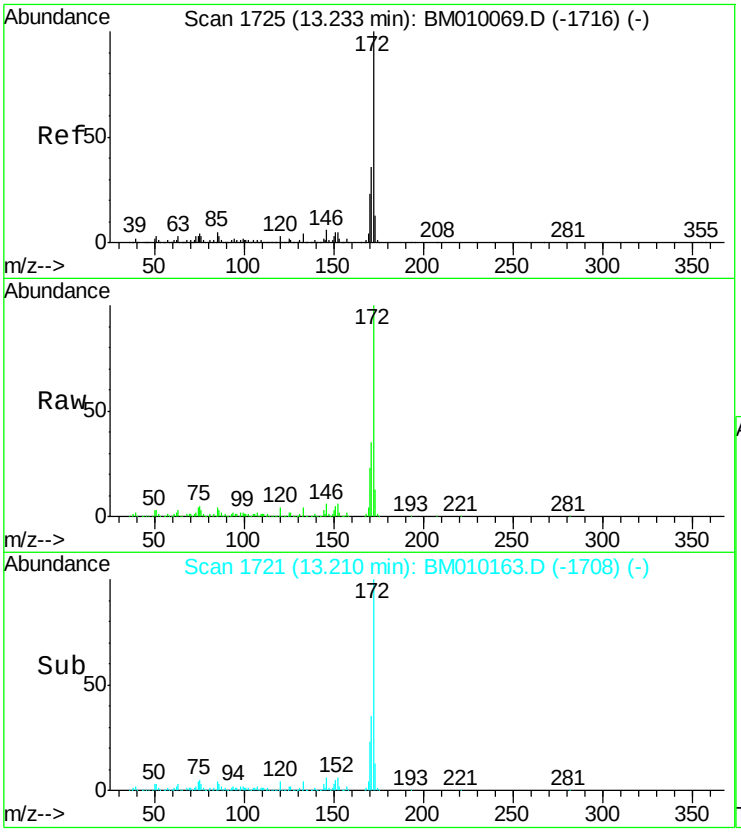


#41
2,4,6-Tribromophenol
Concen: 124.97 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:330 Resp: 504780

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	32.6	0.0	0.0#



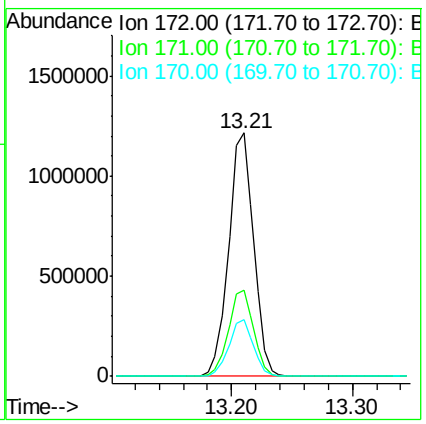


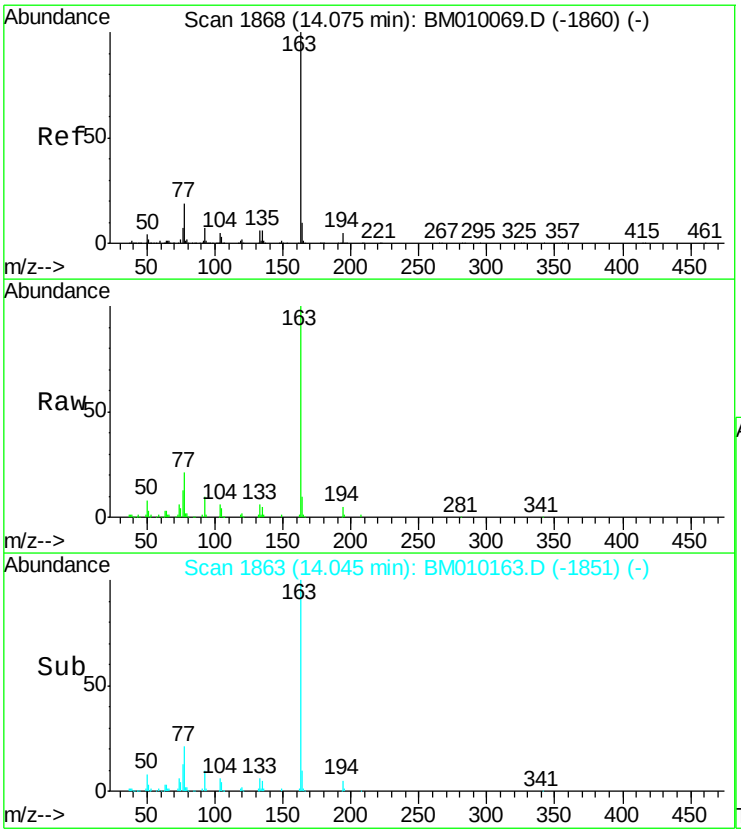
#44
2-Fluorobiphenyl
Concen: 84.47 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion:172 Resp: 1747470

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.3	18.8	28.2

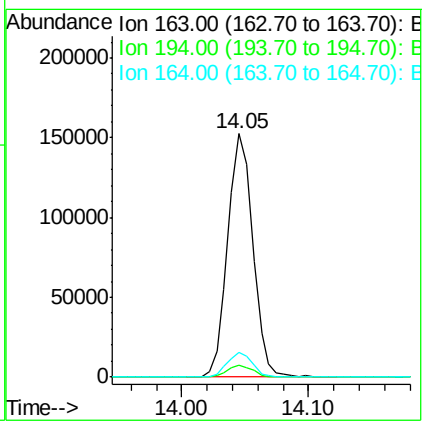


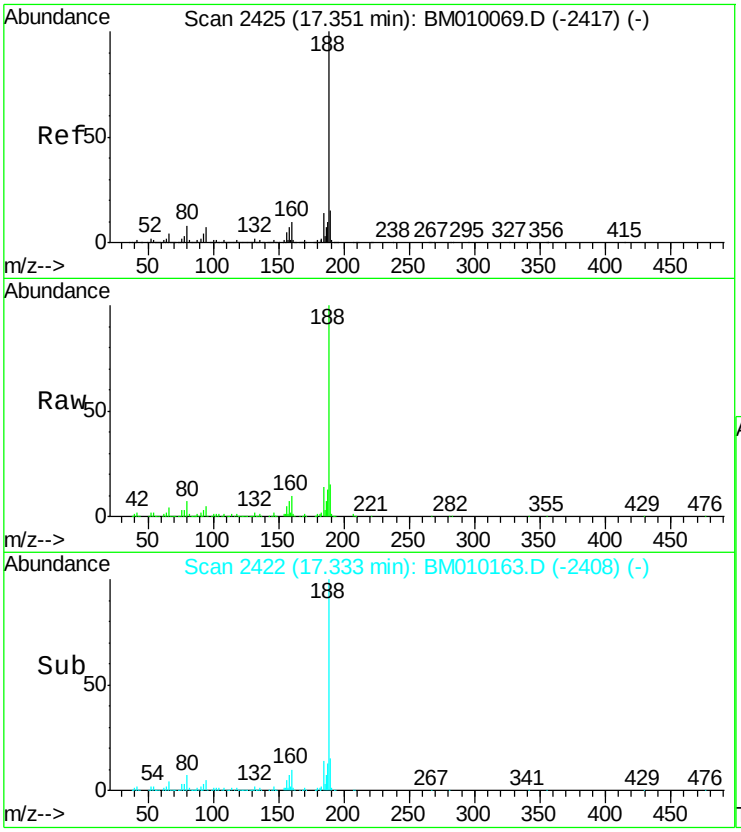


#49
Dimethylphthalate
Concen: 8.82 ng
RT: 14.05 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:163 Resp: 209238

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	10.2	8.2	12.2



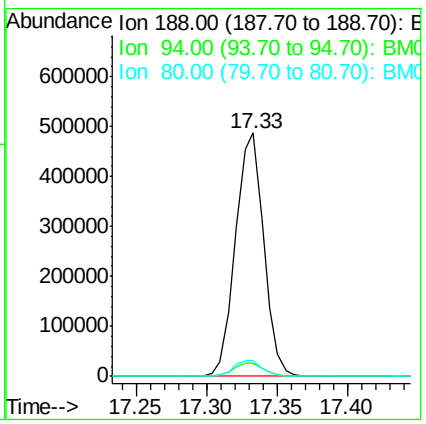


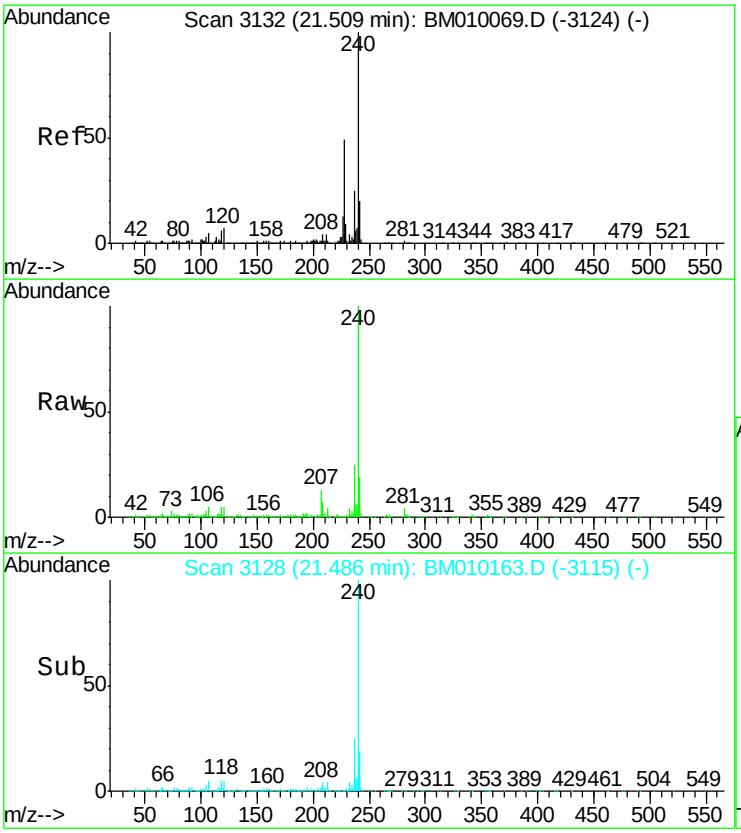
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion:188 Resp: 679873

Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	6.7	9.3	13.9#

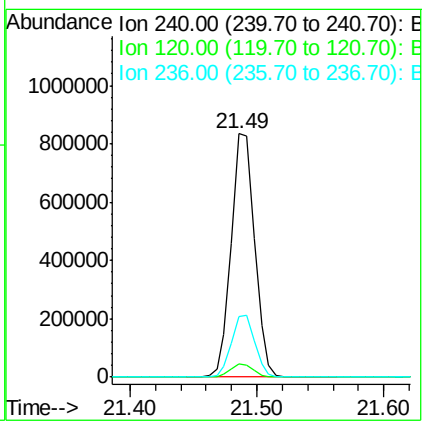


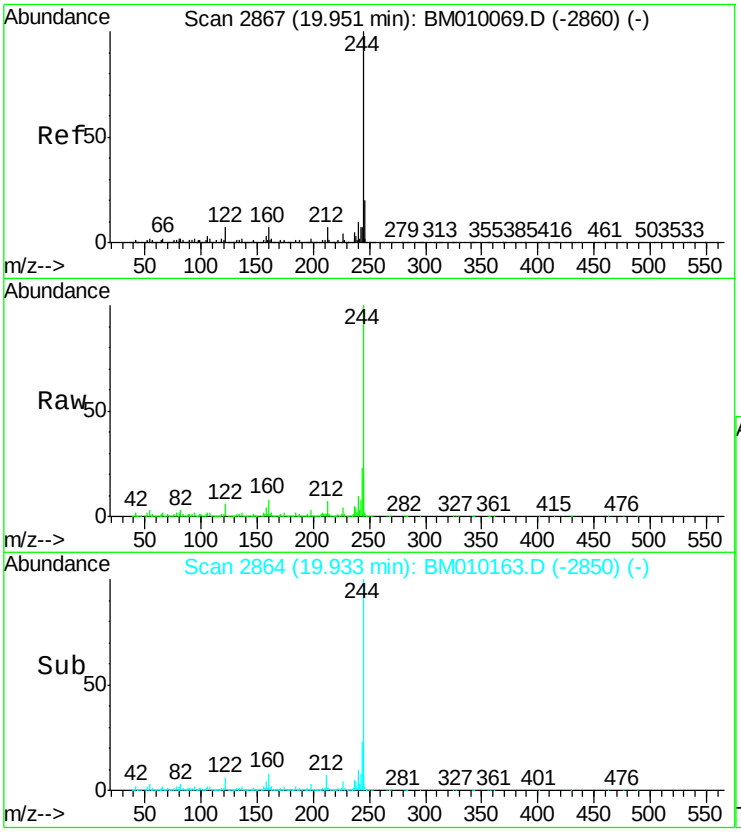


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:240 Resp: 1063956

Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	25.0	20.0	30.0



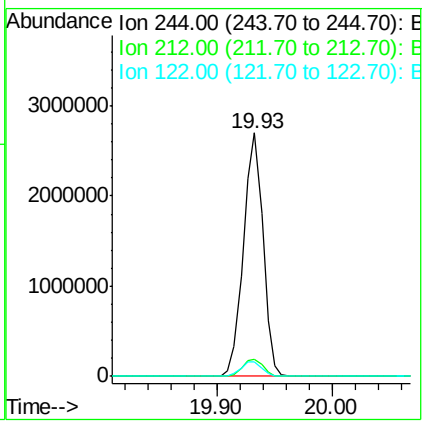


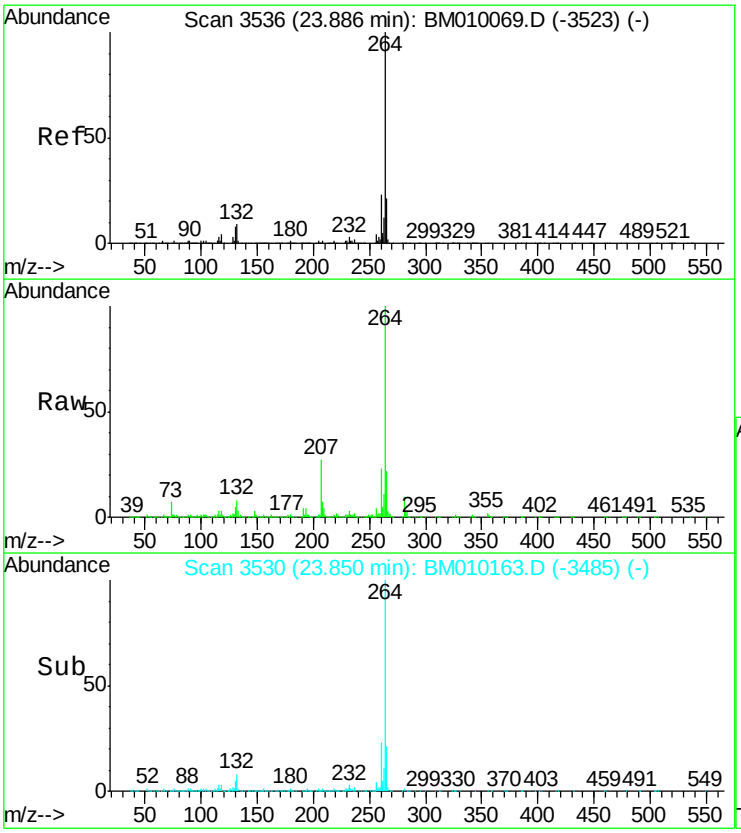
#78
Terphenyl-d14
Concen: 67.74 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Instrument :
BNA_M
ClientSampleId :
EP1-WC9(9.8-12)

Tgt Ion:244 Resp: 3169890

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: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010163.D
Acq: 24 May 2017 04:23

Tgt Ion:264 Resp: 1221850

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.4	17.3	25.9