Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010251.D
Acq On : 26 May 2017 11:35
Operator : SJ/MA
Sample : I3340-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-DRUM-2-COMP

Quant Time: May 27 00:11:33 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	7.94	152	117702	20.00	ng		-0.04
21) Naphthalene-d8	10.75	136	413998	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	290337	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	758756	20.00	ng		-0.03
75) Chrysene-d12	21.48	240	1092698	20.00	ng		-0.03
86) Perylene-d12	23.83	264	1150359	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	446609	68.52	ng		-0.03
7) Phenol-d6	7.13	99	372115	44.37	ng		-0.04
23) Nitrobenzene-d5	9.13	82	836786	109.05	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	631503	143.21	ng		-0.03
44) 2-Fluorobiphenyl	13.19	172	2190761	97.00	ng		-0.04
78) Terphenyl-d14	19.92	244	4297781	89.43	ng		-0.03
Target Compounds							Qvalue
3) Pyridine	3.85	79	149432	18.64	ng		89
10) Phenol	7.16	94	26367	2.98	ng		91
17) 2-Methylphenol	8.40	107	68658	10.92	ng	#	81
20) 3+4-Methylphenols	8.74	107	18894	2.22	ng	#	79
22) Acetophenone	8.77	105	232432	21.90	ng	#	96
49) Dimethylphthalate	14.03	163	111758	4.32	ng	#	98

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

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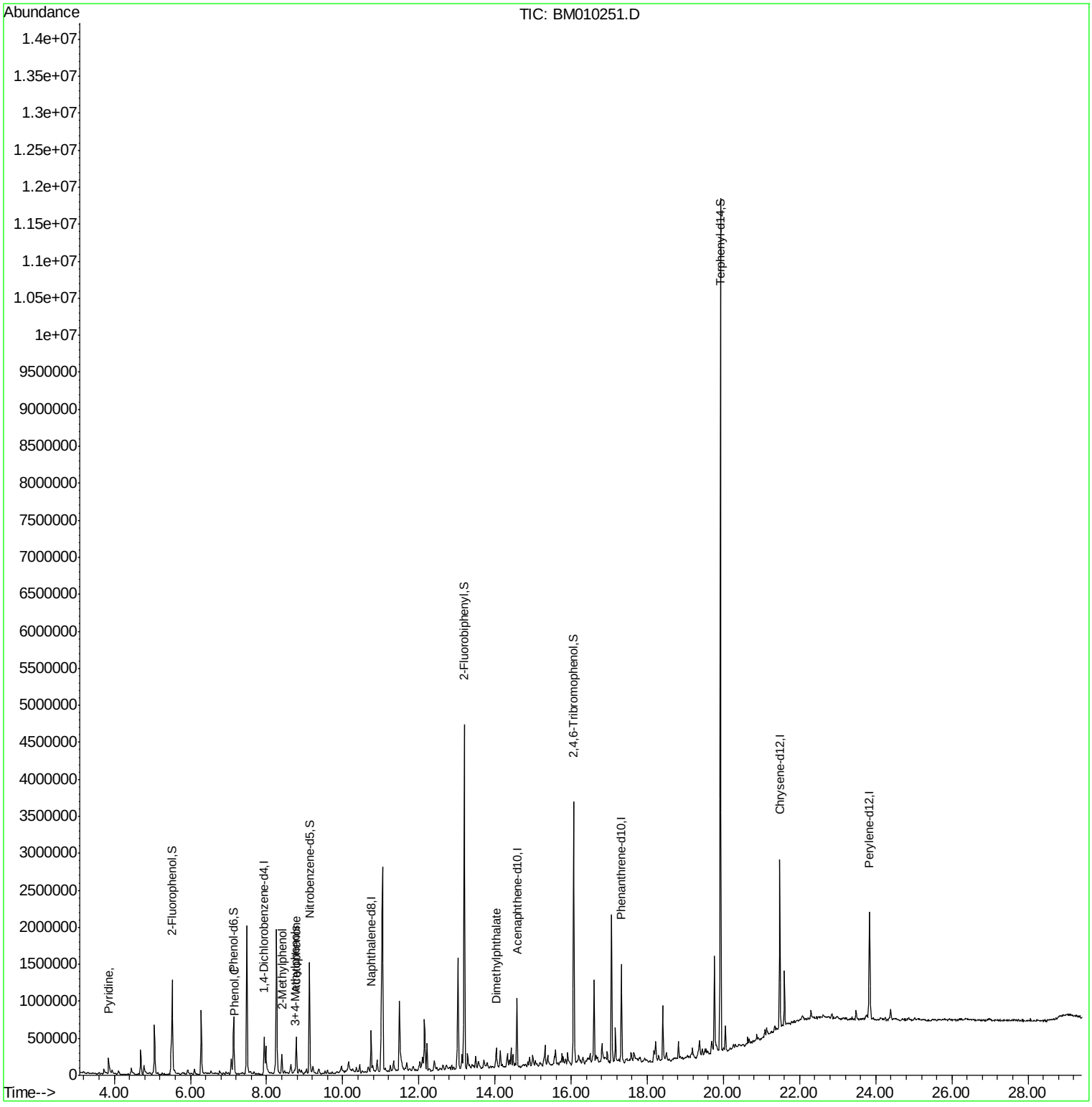
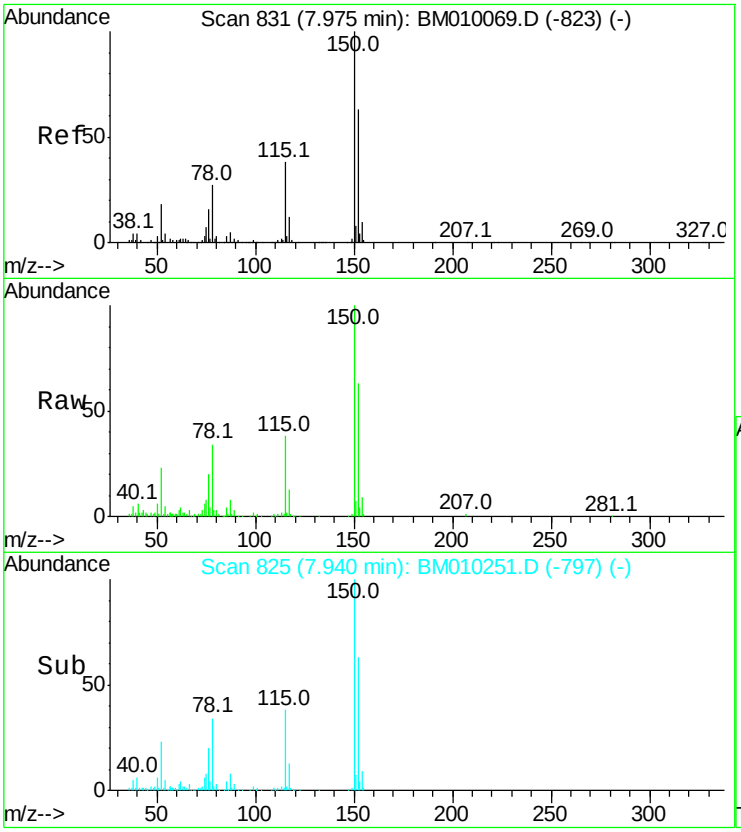


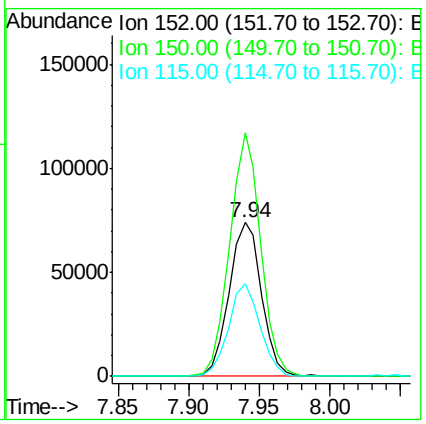


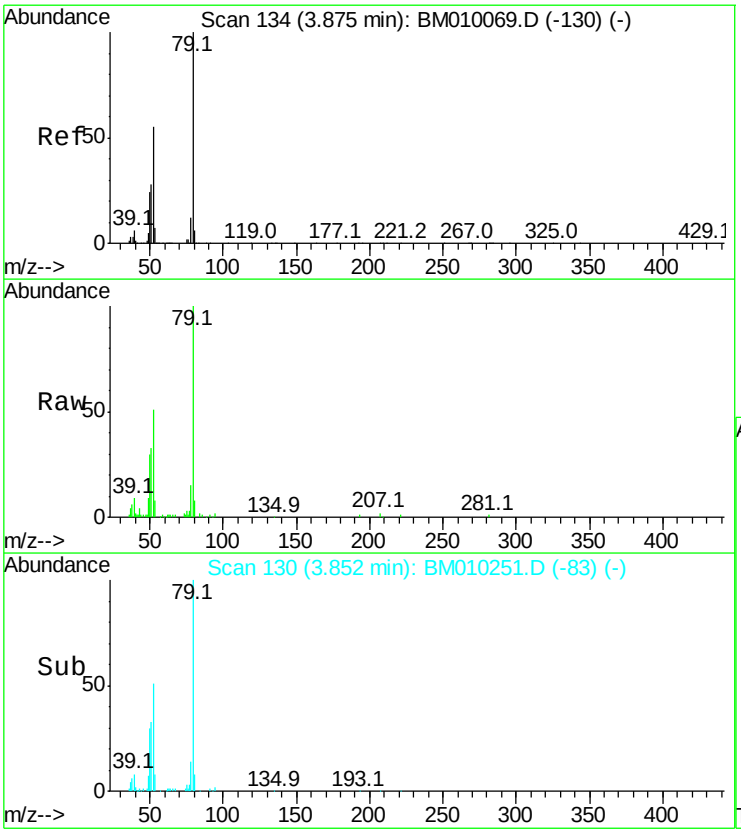
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:152 Resp: 117702

Ion	Ratio	Lower	Upper
152	100		
150	158.7	119.5	179.3
115	60.3	43.0	64.4

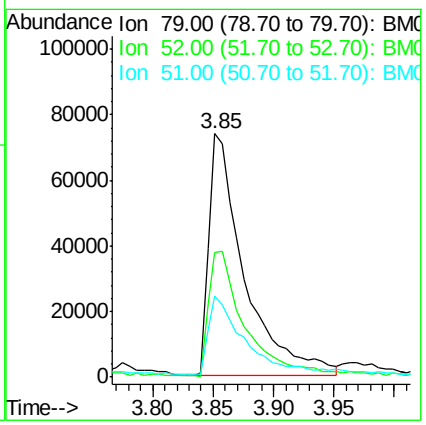


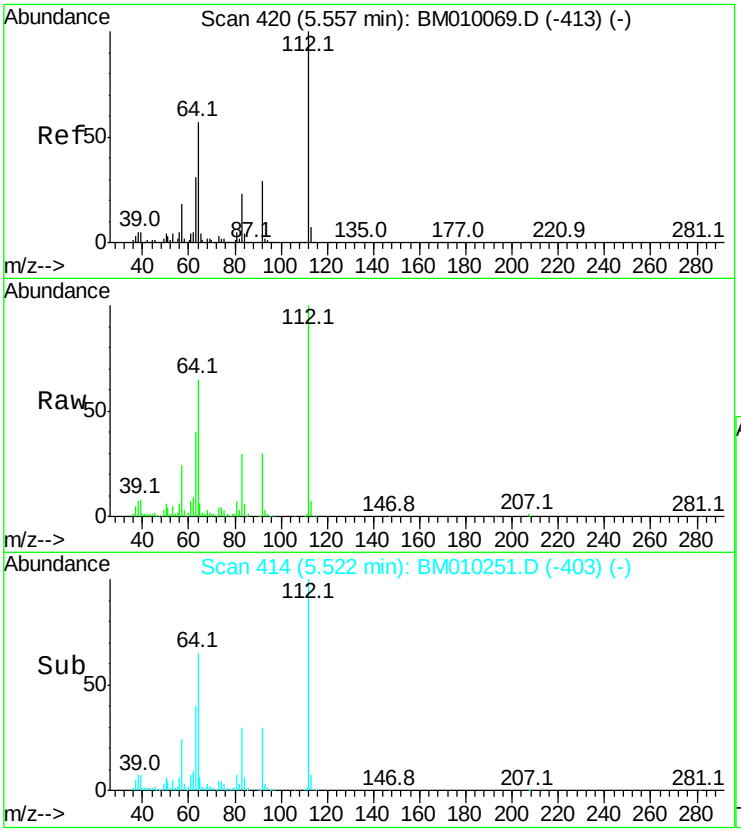


#3
Pyridine
Concen: 18.64 ng
RT: 3.85 min Scan# 130
Delta R.T. -0.02 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion: 79 Resp: 149432

Ion	Ratio	Lower	Upper
79	100		
52	51.1	51.1	76.7
51	33.3	26.1	39.1



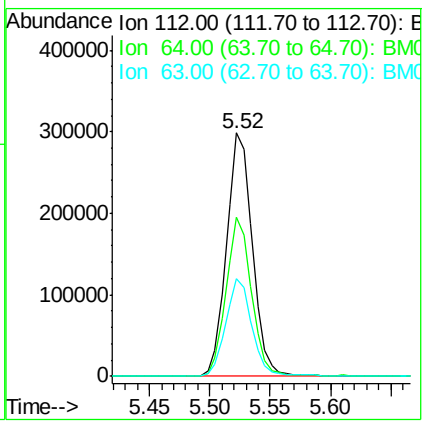


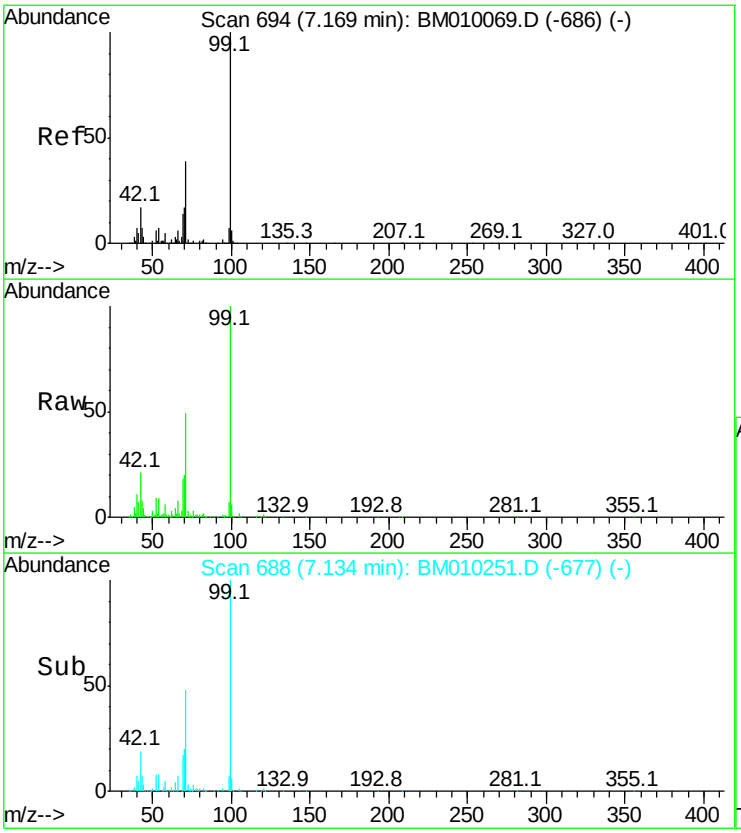
#5
2-Fluorophenol
Concen: 68.52 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.03 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:112 Resp: 446609

Ion	Ratio	Lower	Upper
112	100		
64	65.3	38.6	57.8#
63	40.1	19.3	28.9#

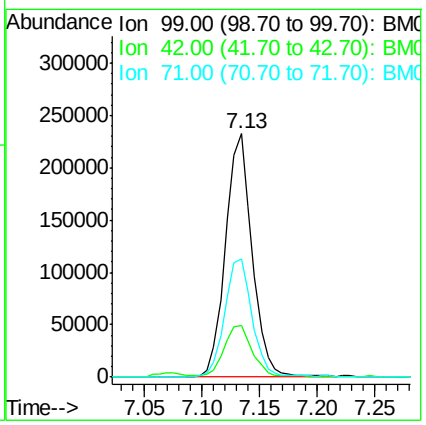


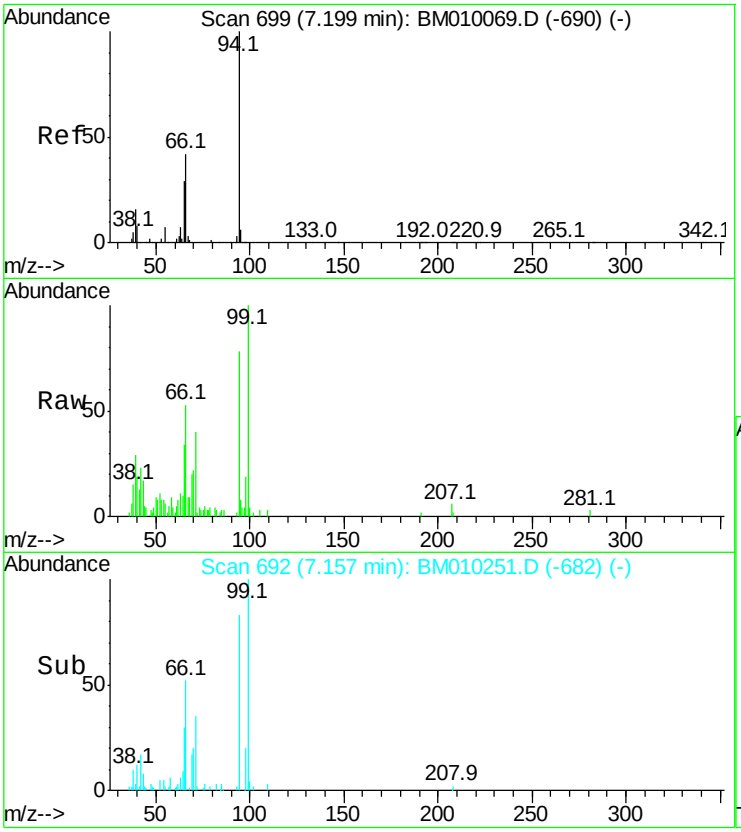


#7
Phenol-d6
Concen: 44.37 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion: 99 Resp: 372115

Ion	Ratio	Lower	Upper
99	100		
42	21.0	11.0	16.4#
71	48.5	23.4	35.2#



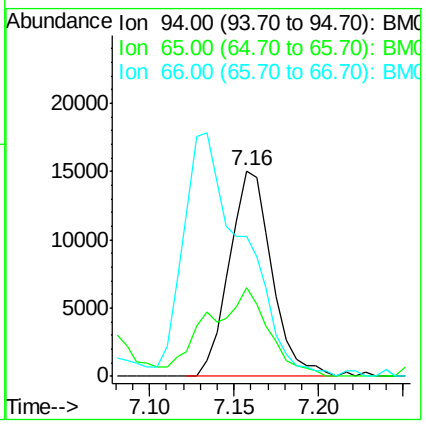


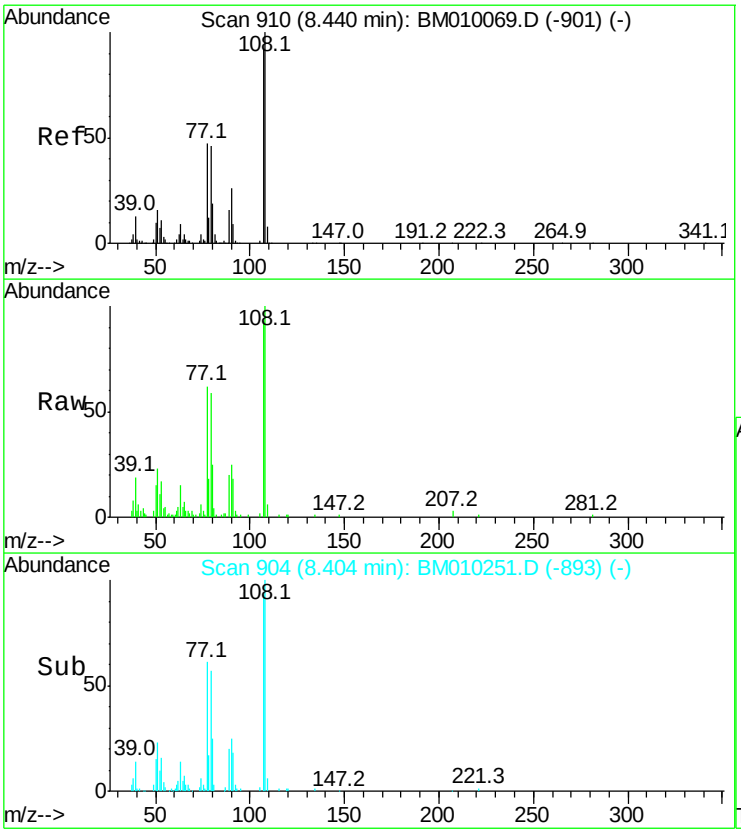
#10
Phenol
Concen: 2.98 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion: 94 Resp: 26367

Ion	Ratio	Lower	Upper
94	100		
65	43.2	18.8	58.8
66	67.9	39.9	79.9

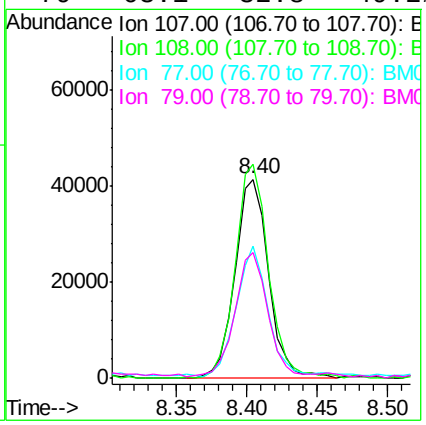


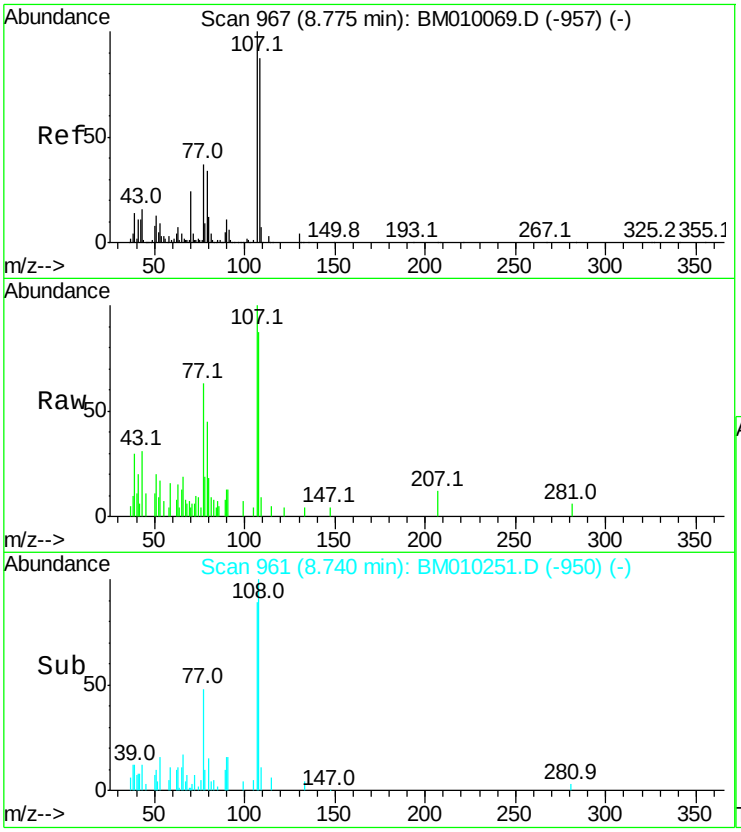


#17
2-Methylphenol
Concen: 10.92 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion:107 Resp: 68658

Ion	Ratio	Lower	Upper
107	100		
108	107.6	89.8	134.8
77	66.5	32.6	48.8#
79	63.1	32.8	49.2#



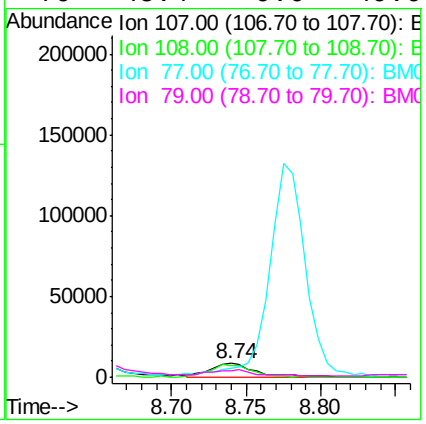


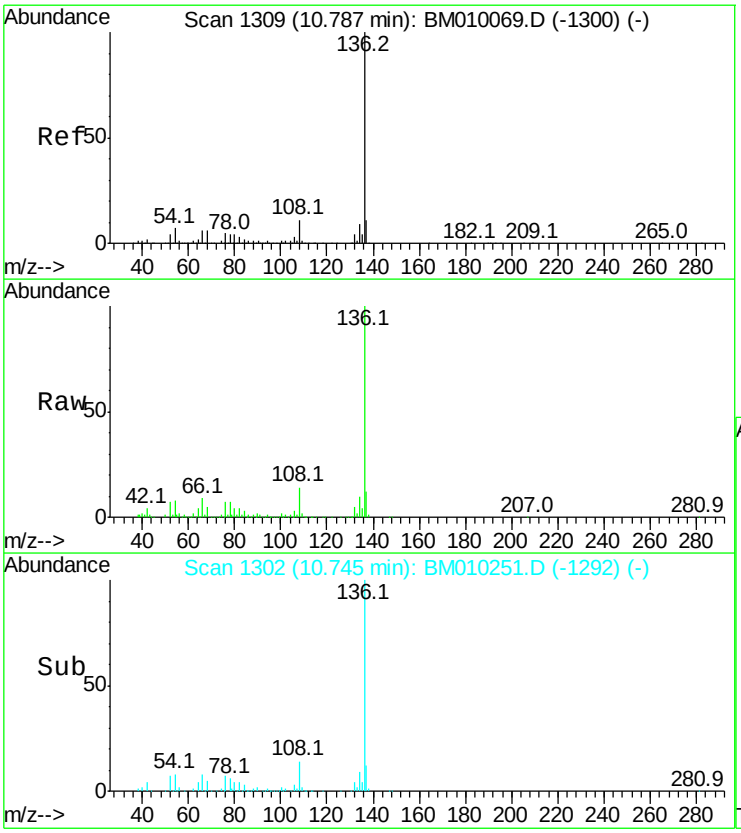
#20
3+4-Methylphenols
Concen: 2.22 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:107 Resp: 18894

Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.2	113.2
77	63.1	10.7	50.7#
79	45.4	9.6	49.6

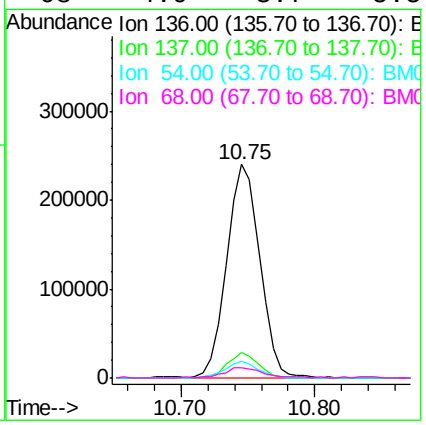


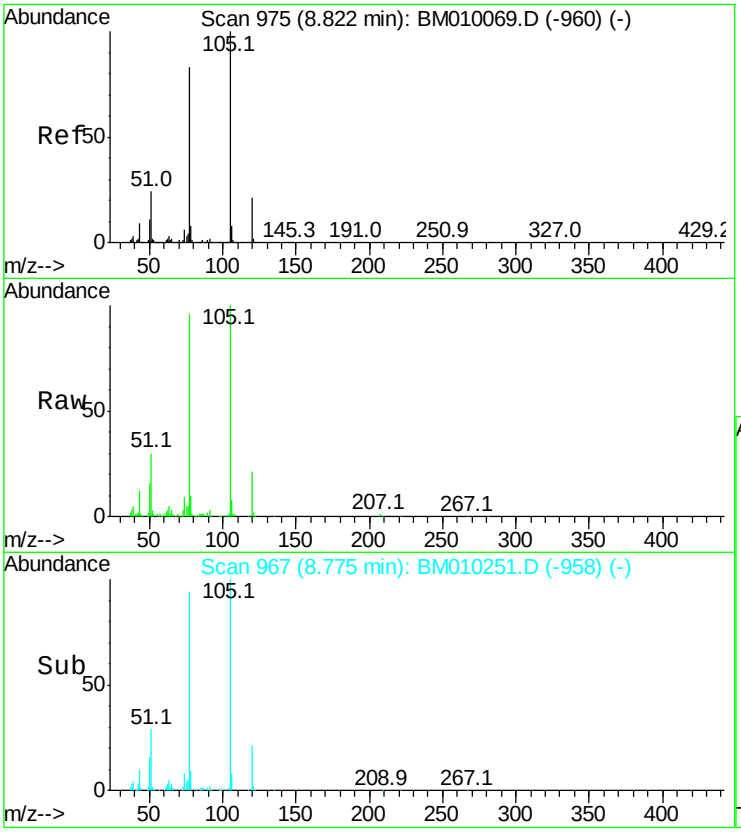


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion:136 Resp: 413998

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	7.7	4.6	6.8#
68	4.9	3.7	5.5



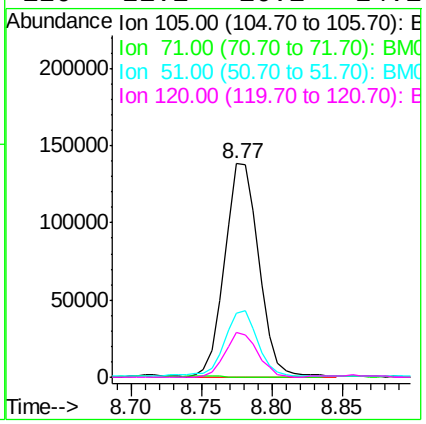


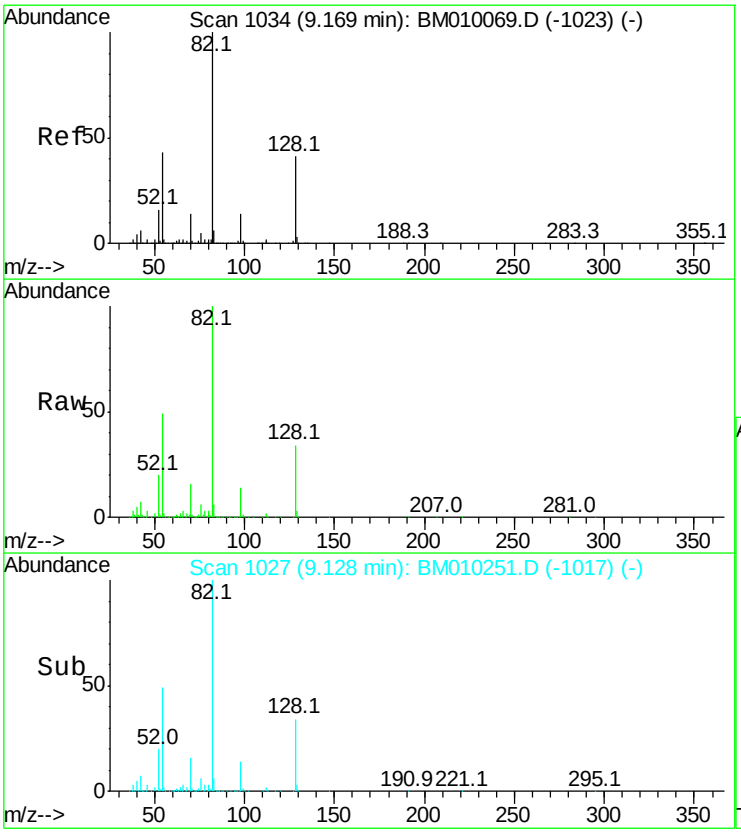
#22
Acetophenone
Concen: 21.90 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:105 Resp: 232432

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	29.9	21.6	32.4
120	21.1	16.1	24.1

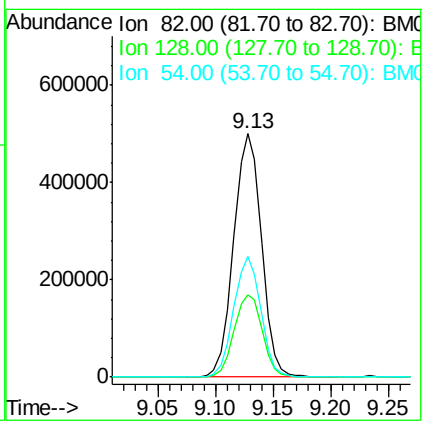


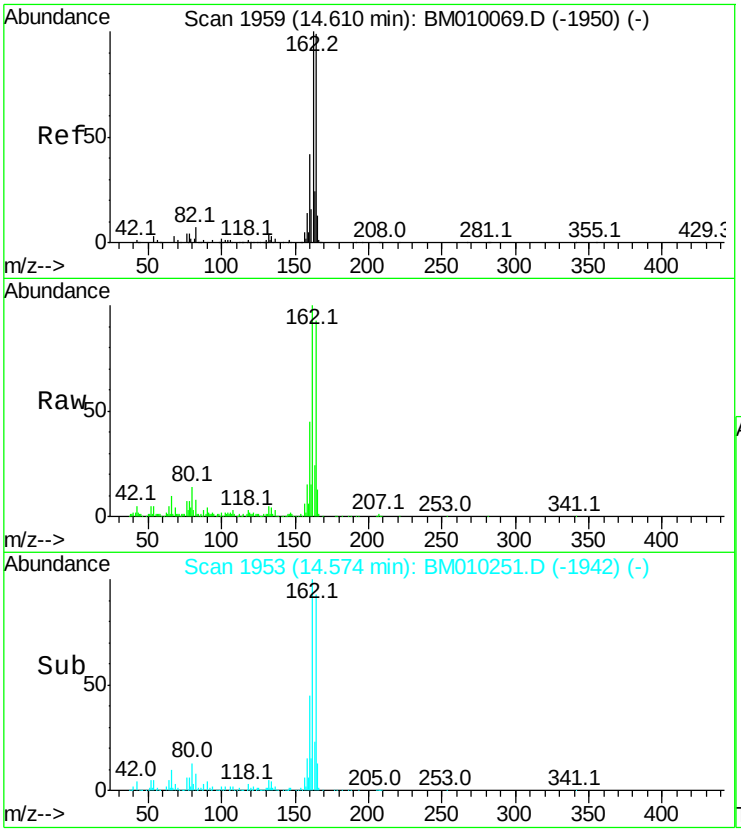


#23
Nitrobenzene-d5
Concen: 109.05 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion: 82 Resp: 836786

Ion	Ratio	Lower	Upper
82	100		
128	34.0	32.8	49.2
54	49.3	40.6	60.8



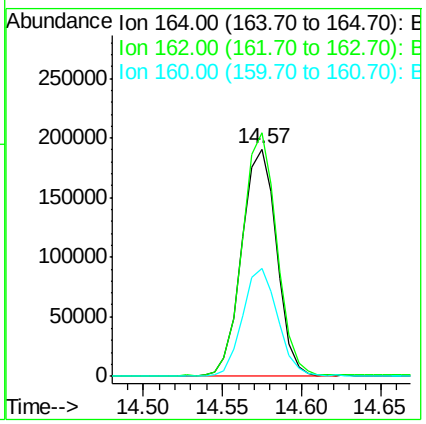


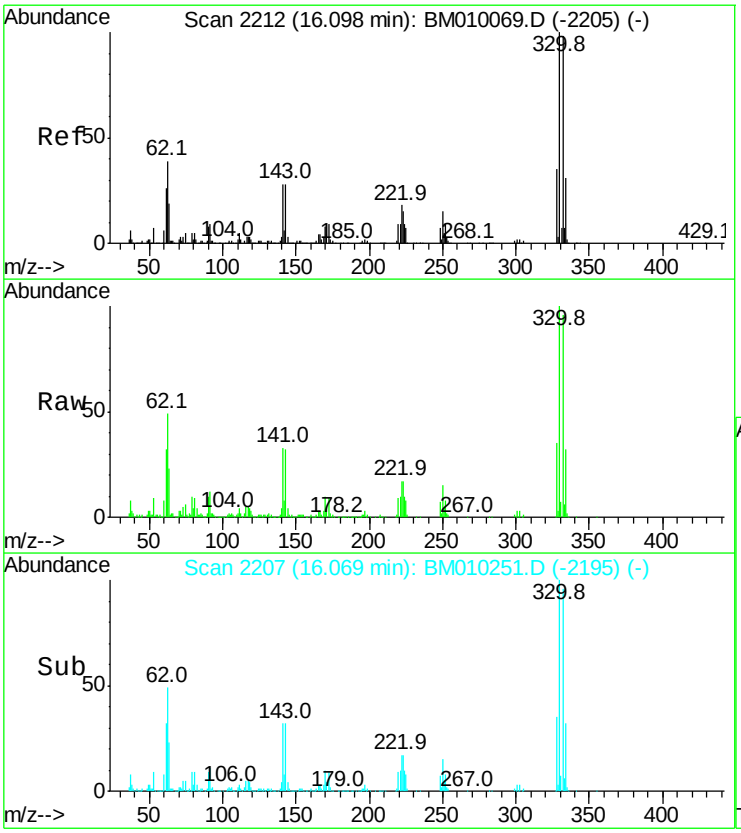
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:164 Resp: 290337

Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	47.7	35.8	53.6

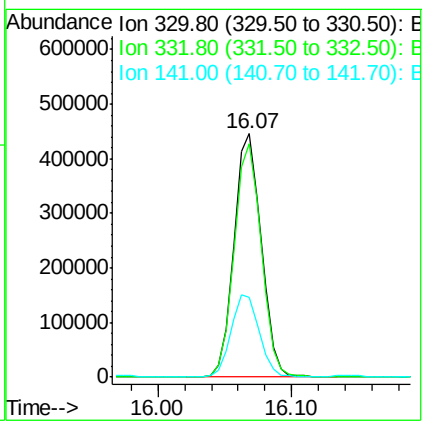


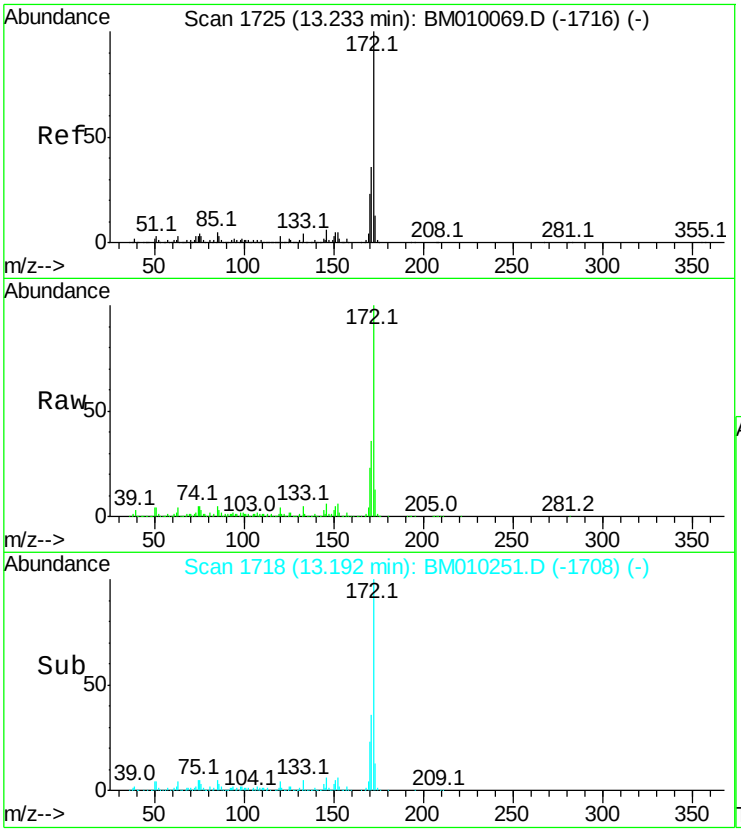


#41
2,4,6-Tribromophenol
Concen: 143.21 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion:330 Resp: 631503

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	35.0	0.0	0.0#



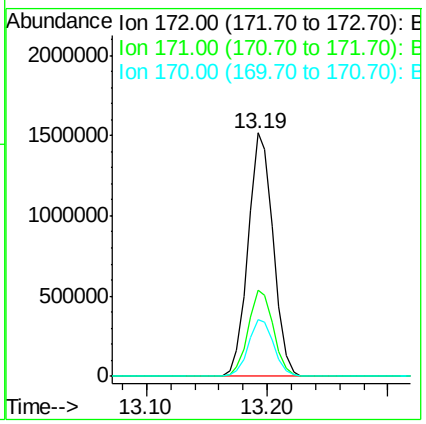


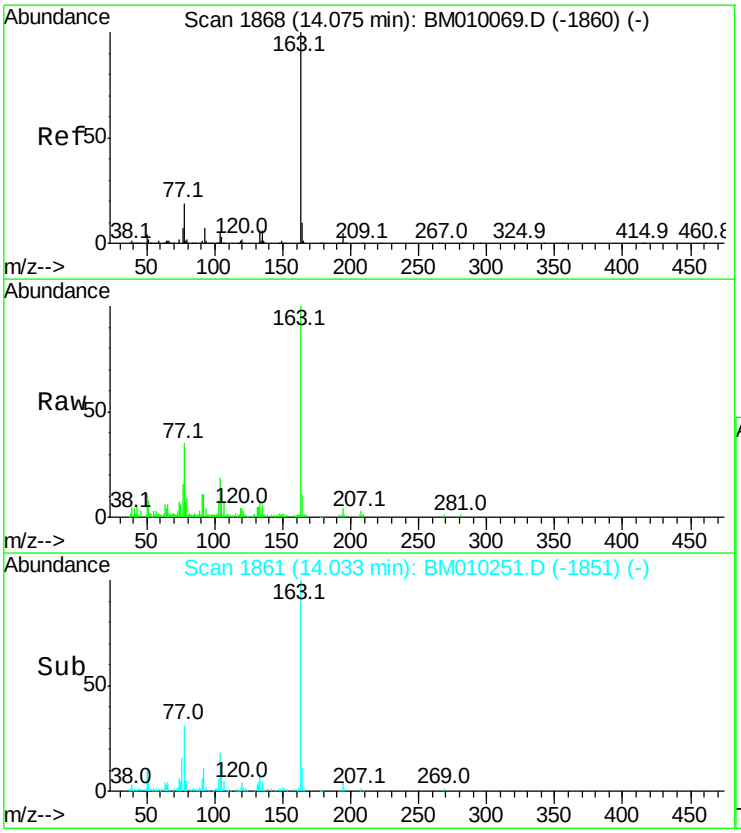
#44
2-Fluorobiphenyl
Concen: 97.00 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:172 Resp: 2190761

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.4	18.8	28.2

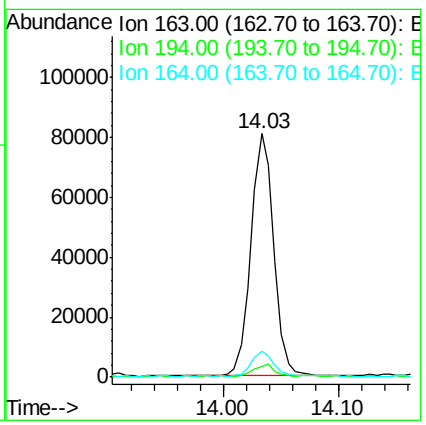


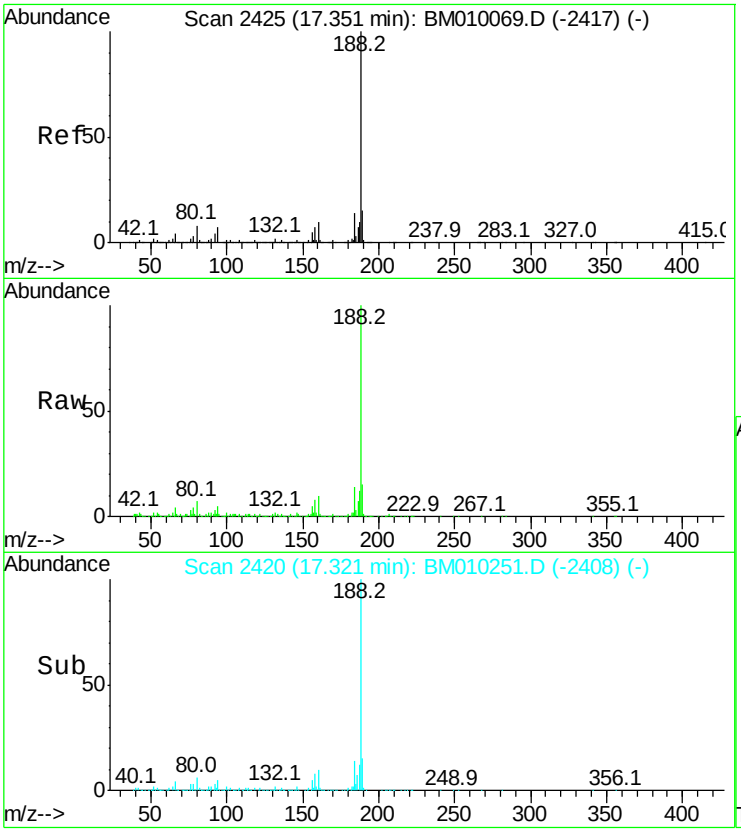


#49
Dimethylphthalate
Concen: 4.32 ng
RT: 14.03 min Scan# 1861
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion:163 Resp: 111758

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.8	8.2	12.2



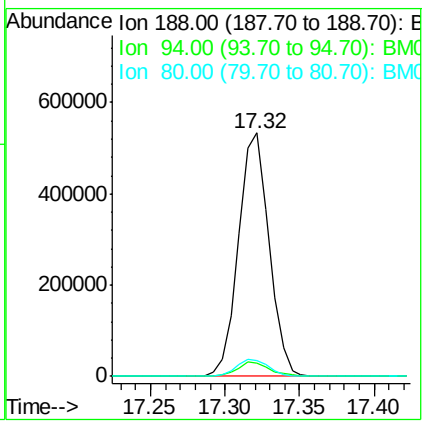


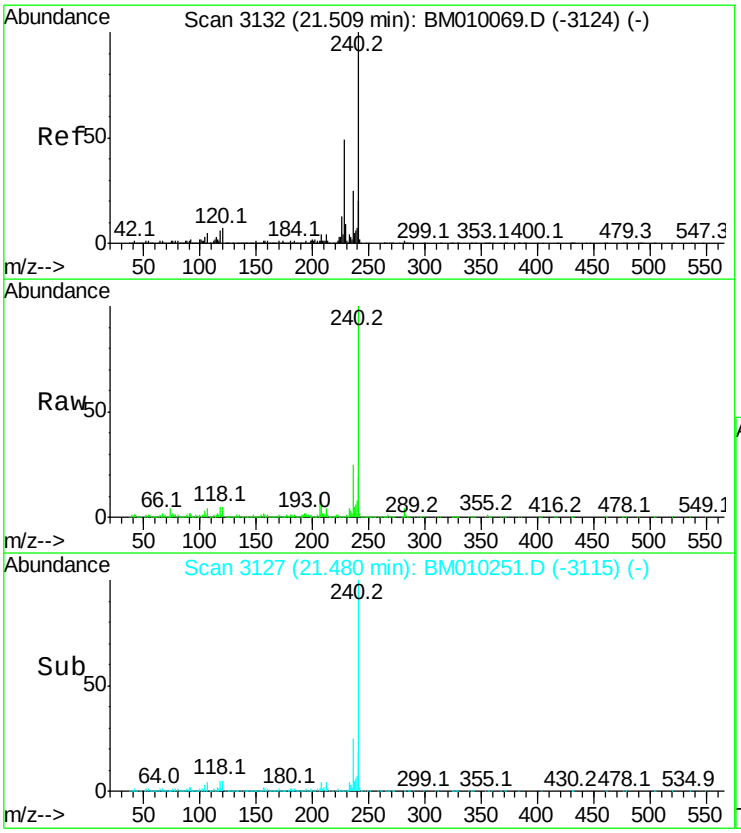
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:188 Resp: 758756

Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.7	9.3	13.9#

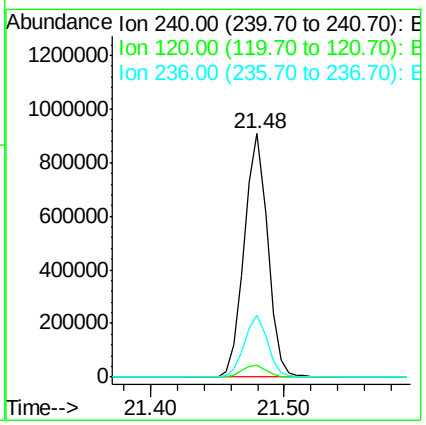


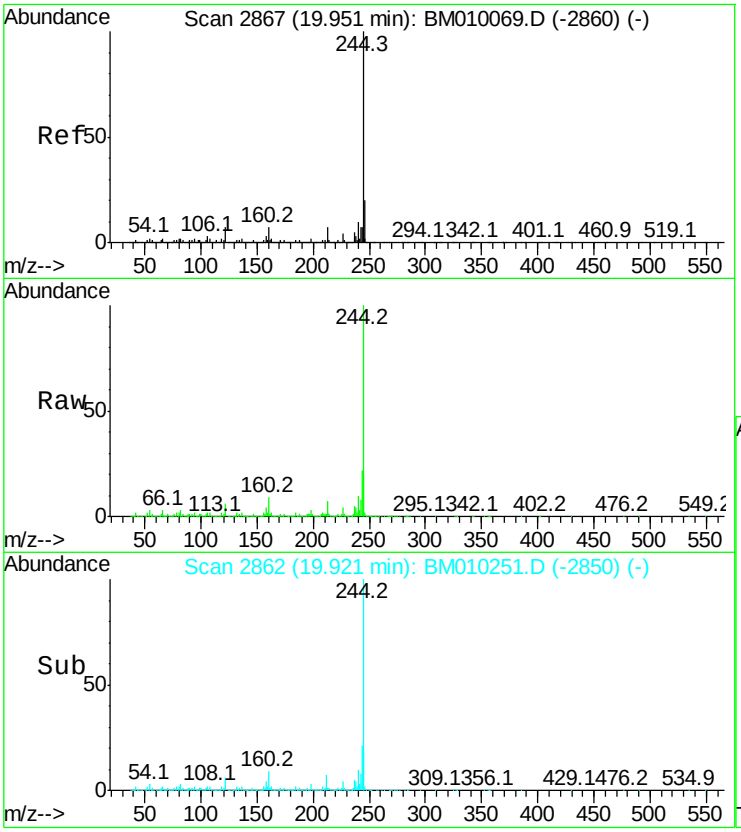


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion:240 Resp: 1092698

Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	25.4	20.0	30.0



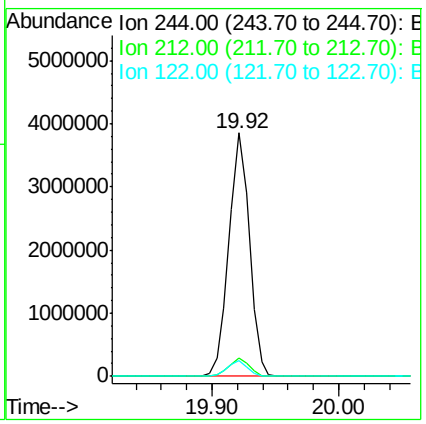


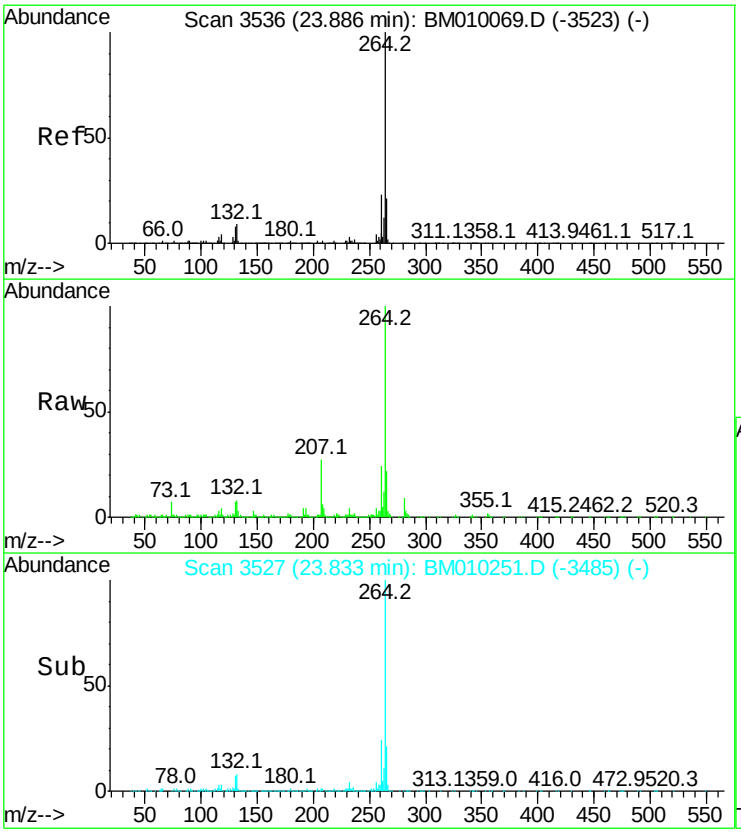
#78
Terphenyl-d14
Concen: 89.43 ng
RT: 19.92 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

Tgt Ion:244 Resp: 4297781

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.5	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion:264 Resp: 1150359

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.0	17.3	25.9