Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
Data File : BM010227.D
Acq On : 25 May 2017 21:08
Operator : SJ/MA
Sample : I3331-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 26 05:16:43 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	118805	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	383936	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	109629	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	414259	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	214414	20.00	ng	-0.03
86) Perylene-d12	23.84	264	7596	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	766157	116.46	ng	-0.03
7) Phenol-d6	7.13	99	548900	64.84	ng	-0.04
23) Nitrobenzene-d5	9.13	82	672557	94.51	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	455310	273.45	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1662645	194.97	ng	-0.04
78) Terphenyl-d14	19.93	244	1918681	203.47	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.27	79	15397	2.40	ng	# 37
31) Naphthalene	10.80	128	42186	2.05	ng	99
87) Benzo(b)fluoranthene	23.12	252	1294	2.91	ng	# 1
88) Benzo(k)fluoranthene	23.18	252	1259	2.89	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
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Acq On : 25 May 2017 21:08
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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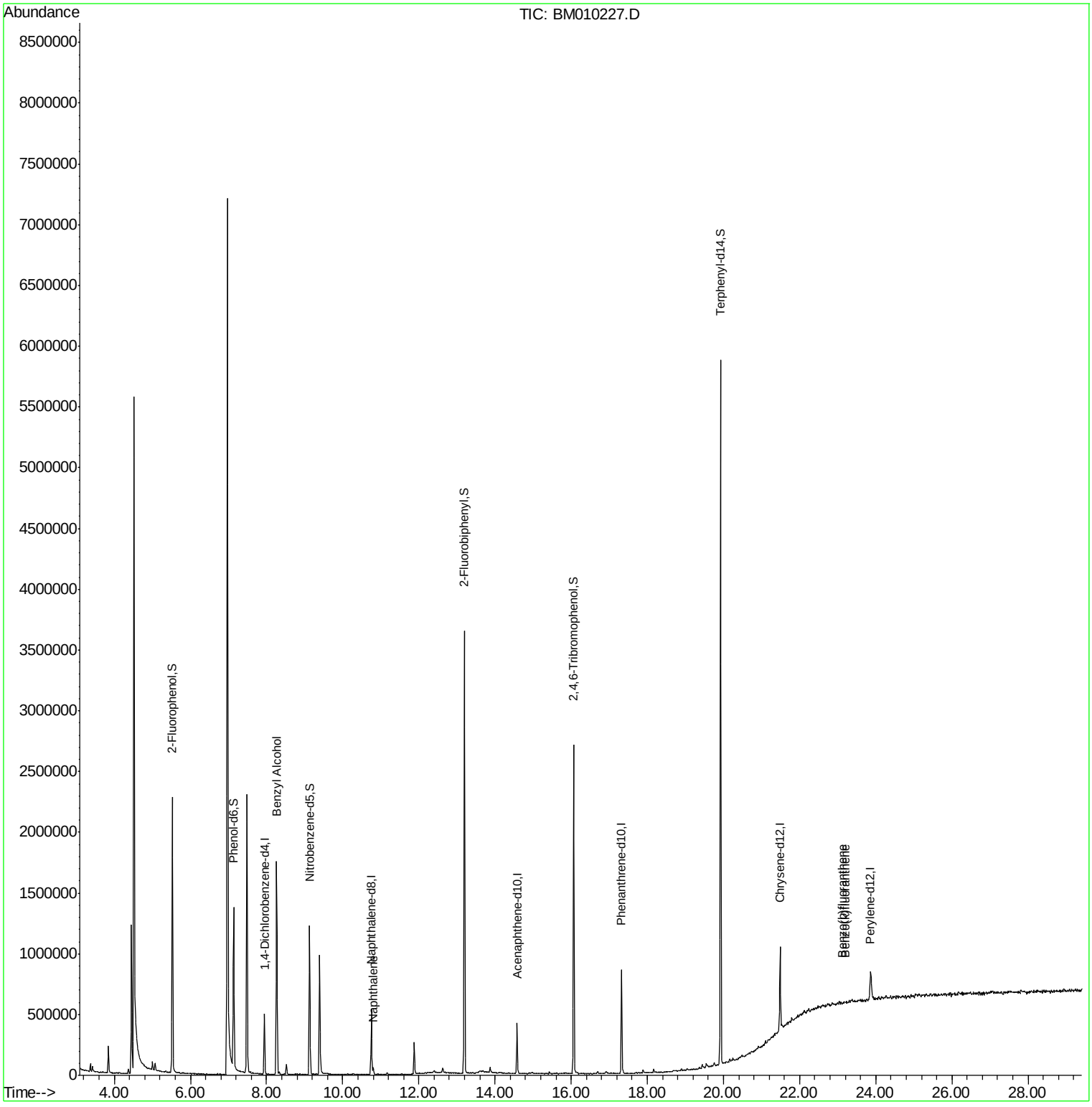
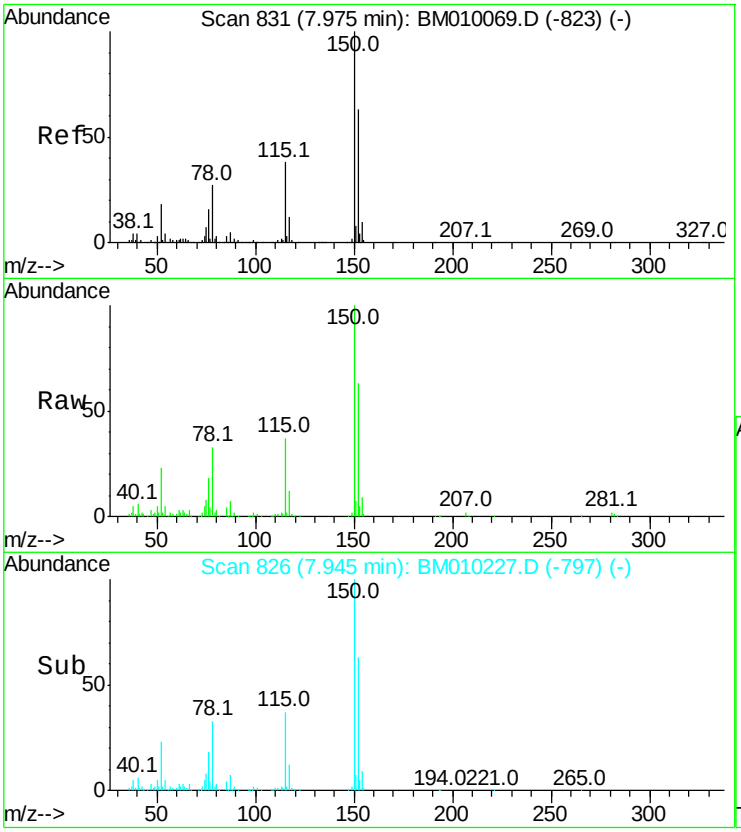


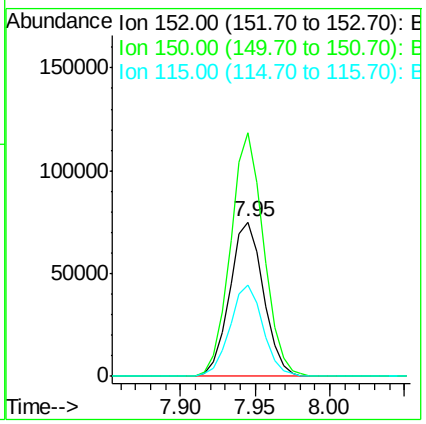


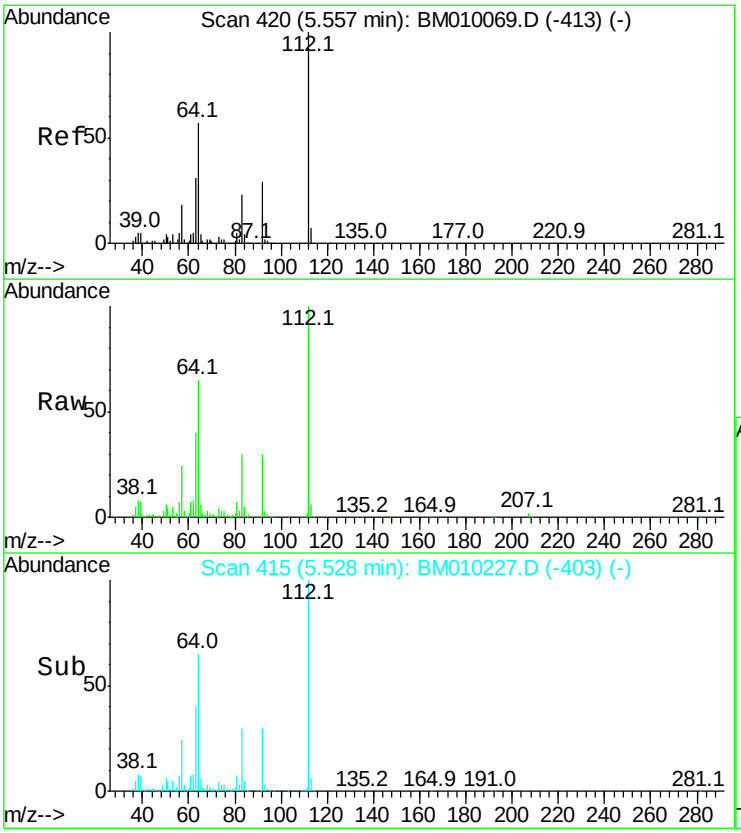
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 118805

Ion	Ratio	Lower	Upper
152	100		
150	158.0	119.5	179.3
115	59.1	43.0	64.4

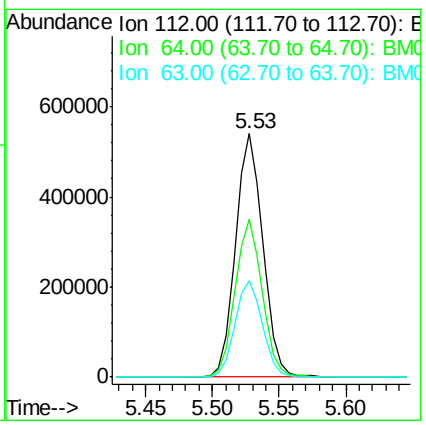


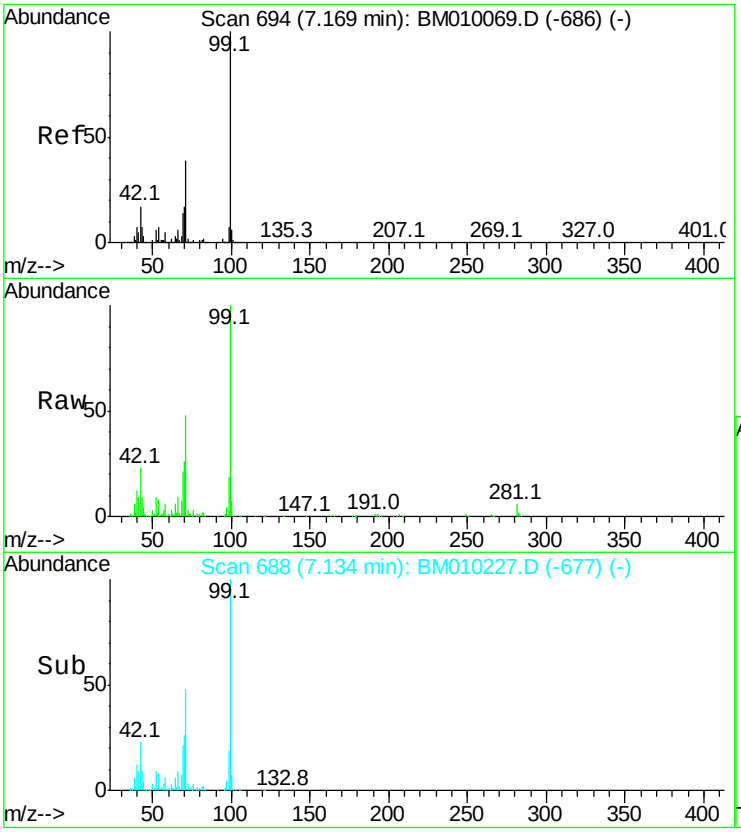


#5
2-Fluorophenol
Concen: 116.46 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion:112 Resp: 766157

Ion	Ratio	Lower	Upper
112	100		
64	65.0	38.6	57.8#
63	39.8	19.3	28.9#



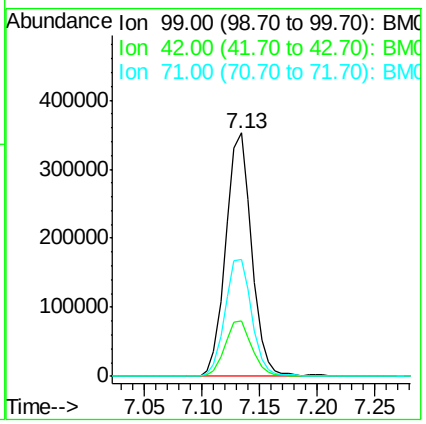


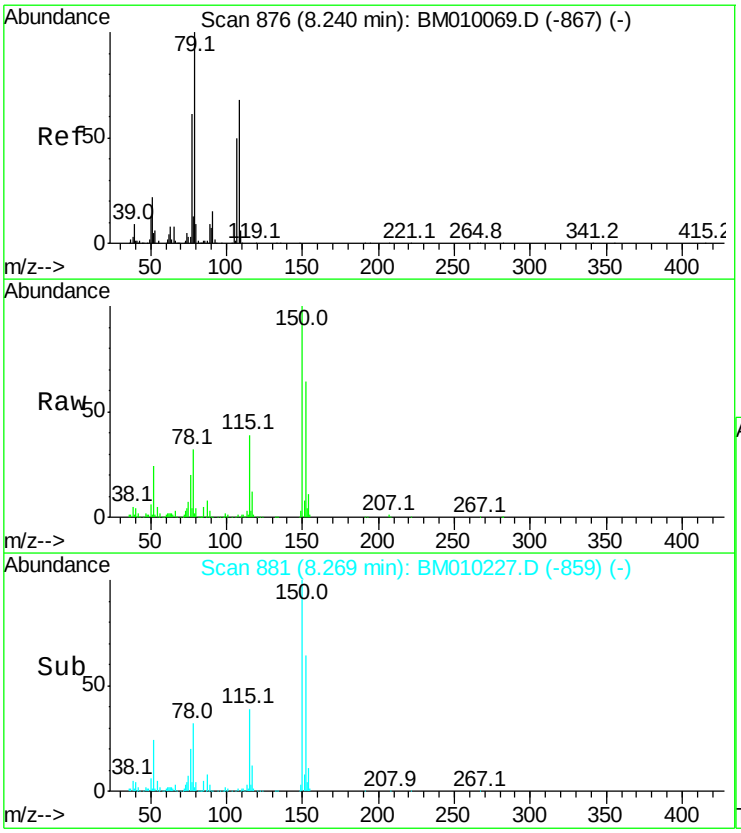
#7
Phenol-d6
Concen: 64.84 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 548900

Ion	Ratio	Lower	Upper
99	100		
42	22.7	11.0	16.4#
71	48.0	23.4	35.2#

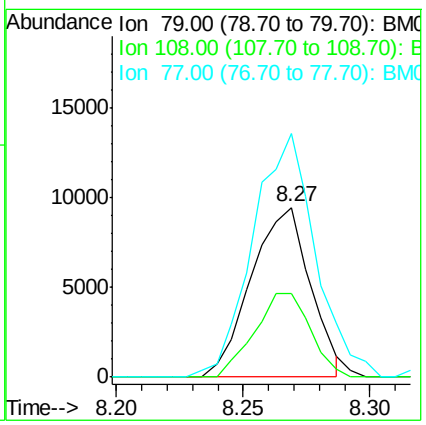


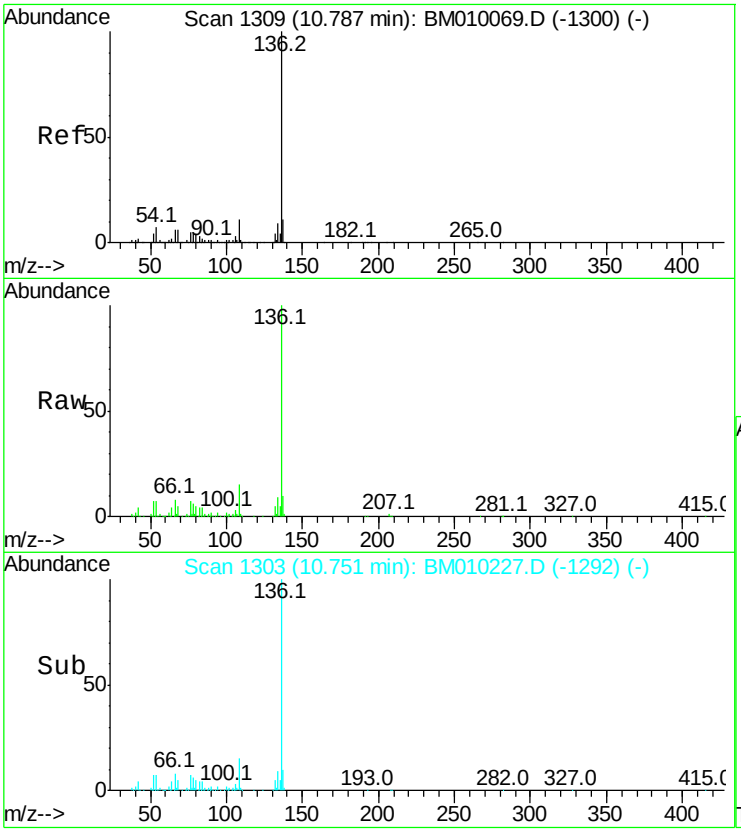


#15
Benzyl Alcohol
Concen: 2.40 ng
RT: 8.27 min Scan# 881
Delta R.T. 0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion: 79 Resp: 15397

Ion	Ratio	Lower	Upper
79	100		
108	49.5	65.0	97.4#
77	143.6	53.0	79.6#



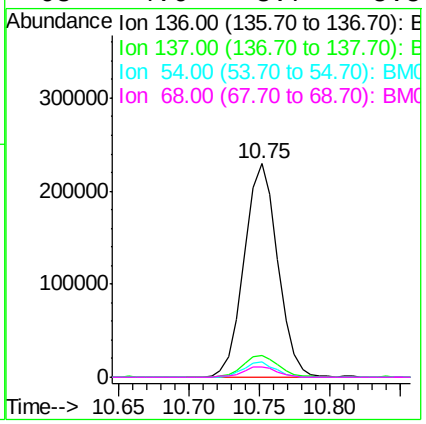


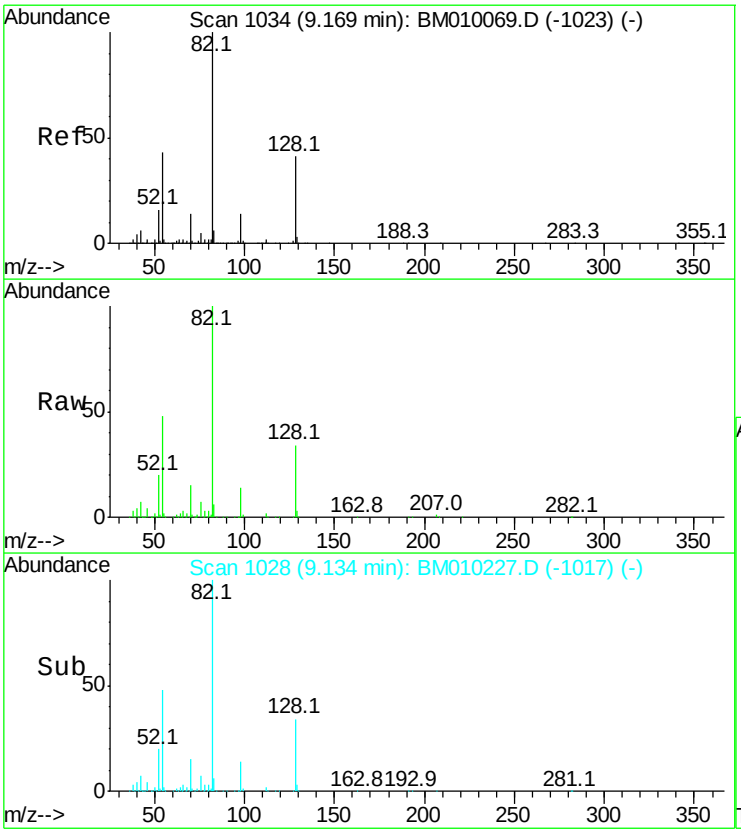
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 383936

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	7.4	4.6	6.8#
68	4.6	3.7	5.5

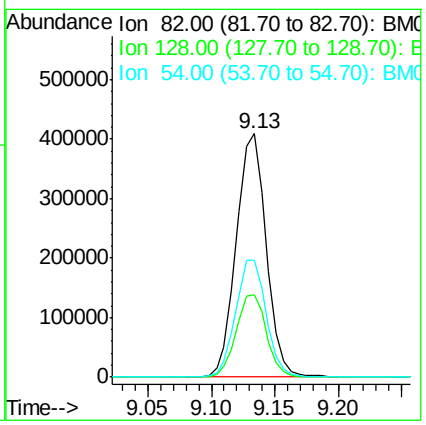


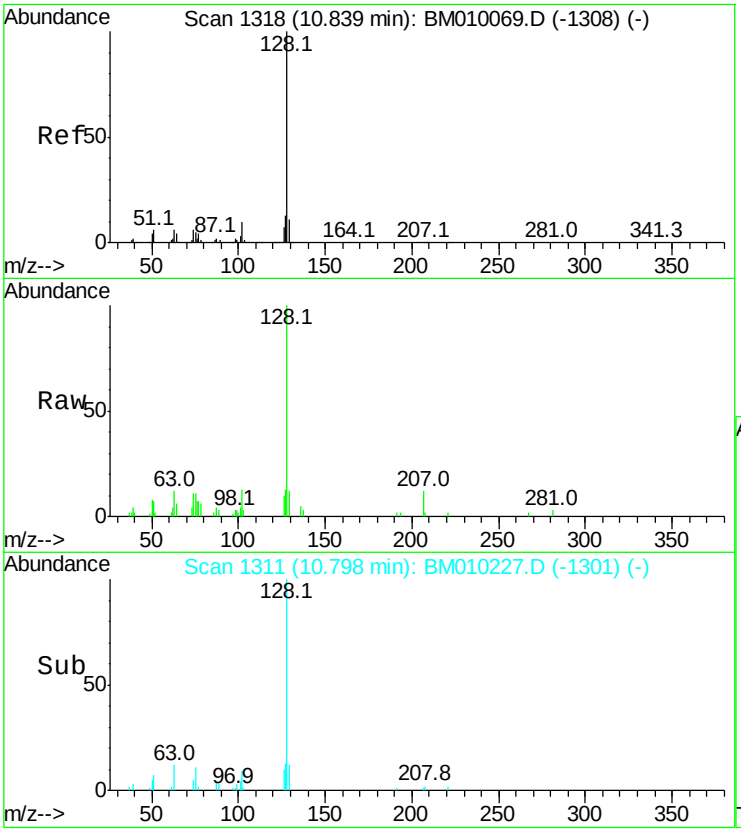


#23
Nitrobenzene-d5
Concen: 94.51 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion: 82 Resp: 672557

Ion	Ratio	Lower	Upper
82	100		
128	33.8	32.8	49.2
54	48.0	40.6	60.8



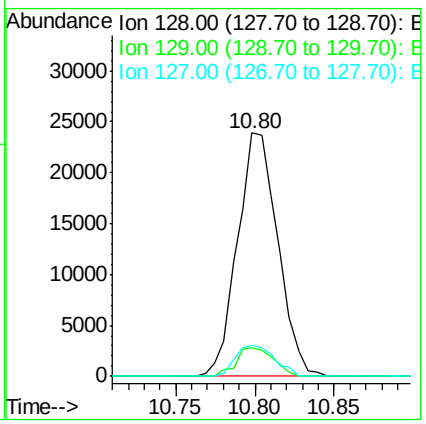


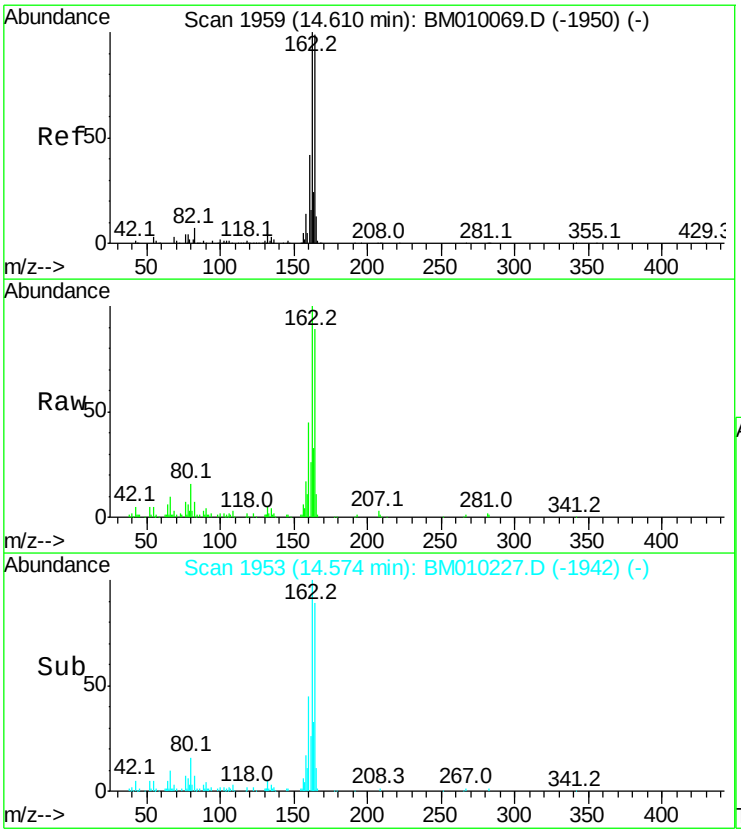
#31
Naphthalene
Concen: 2.05 ng
RT: 10.80 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 42186

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	12.8	10.4	15.6

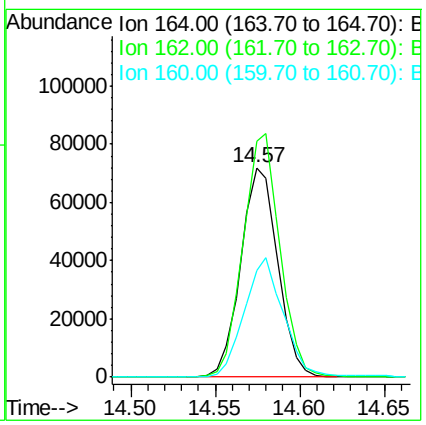


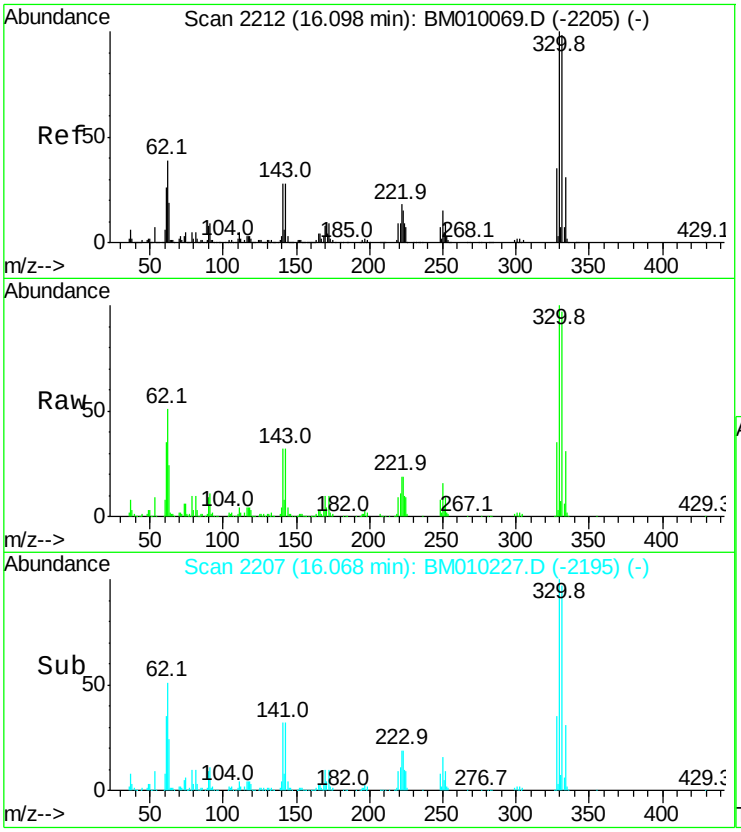


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion:164 Resp: 109629

Ion	Ratio	Lower	Upper
164	100		
162	112.8	82.4	123.6
160	50.8	35.8	53.6



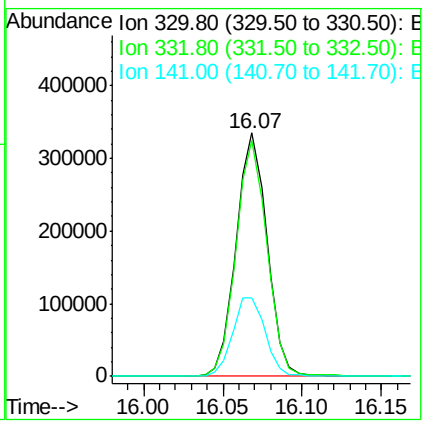


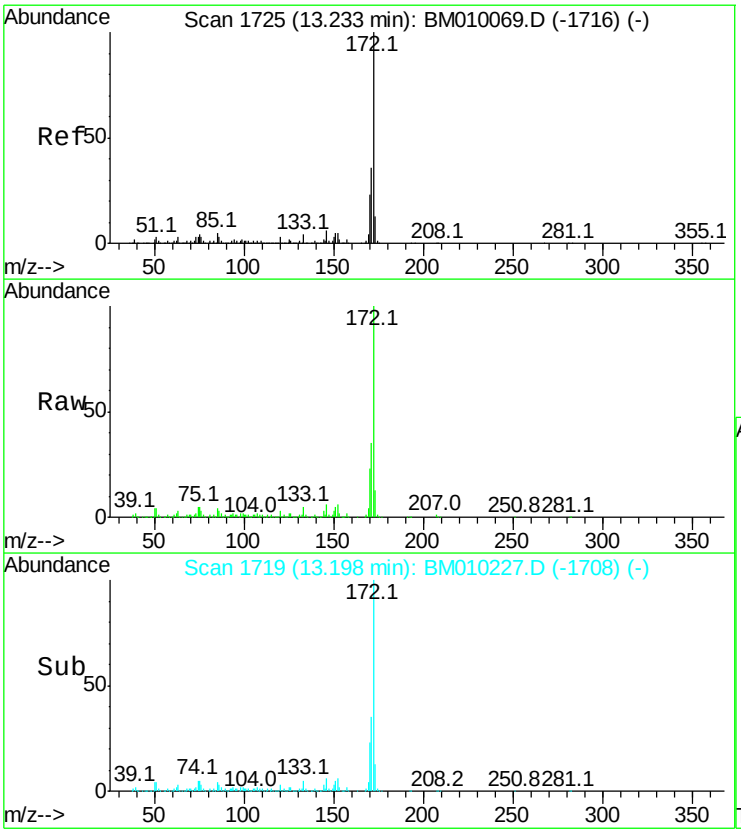
#41
2,4,6-Tribromophenol
Concen: 273.45 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 455310

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	34.2	0.0	0.0#

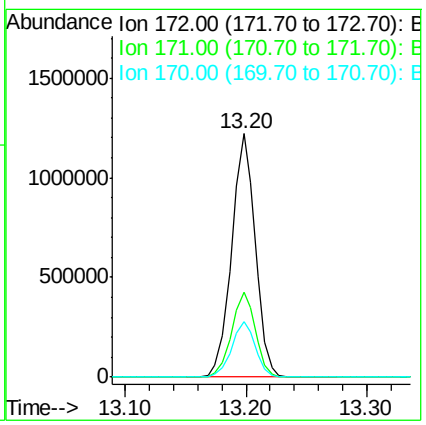


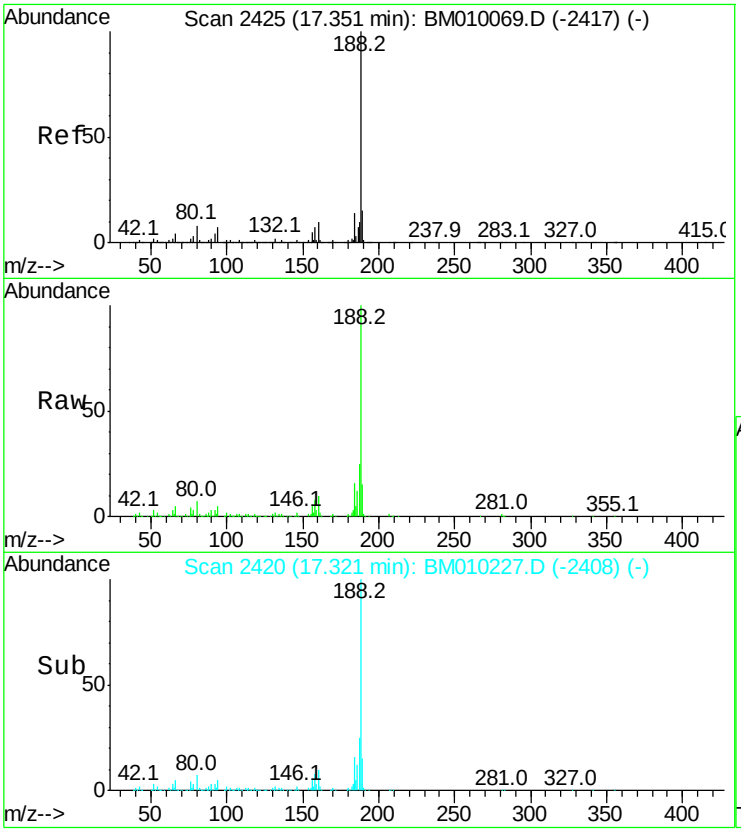


#44
2-Fluorobiphenyl
Concen: 194.97 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion:172 Resp: 1662645

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.0	18.8	28.2



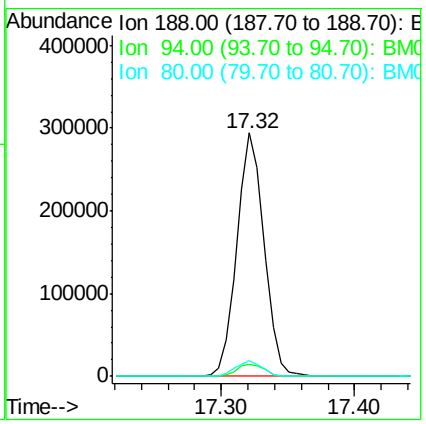


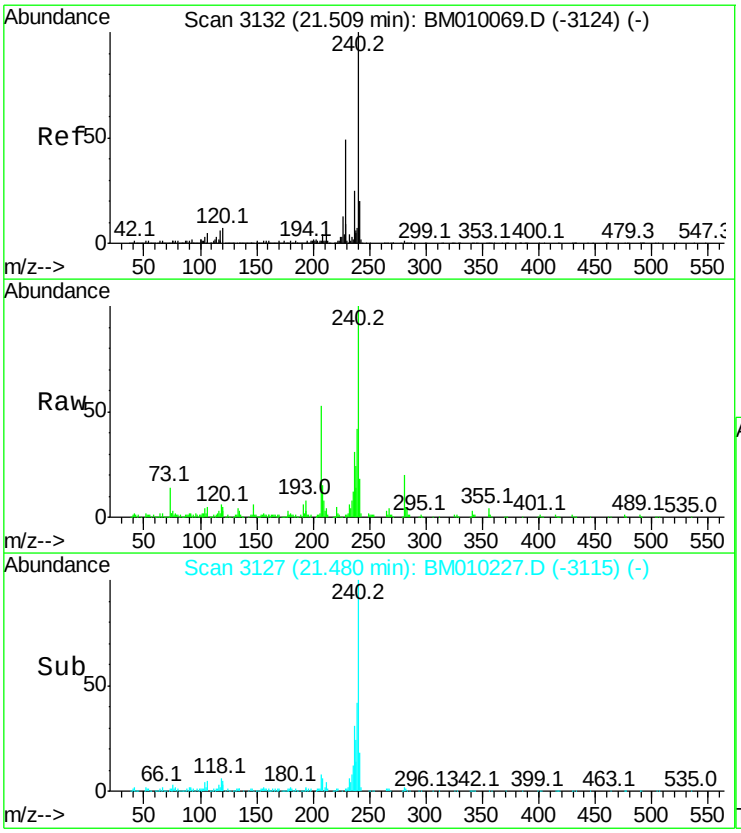
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 414259

Ion	Ratio	Lower	Upper
188	100		
94	5.1	8.7	13.1#
80	6.6	9.3	13.9#

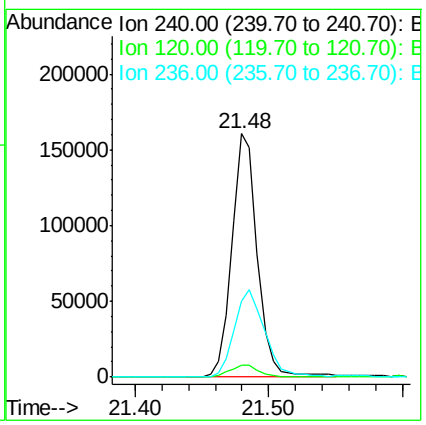


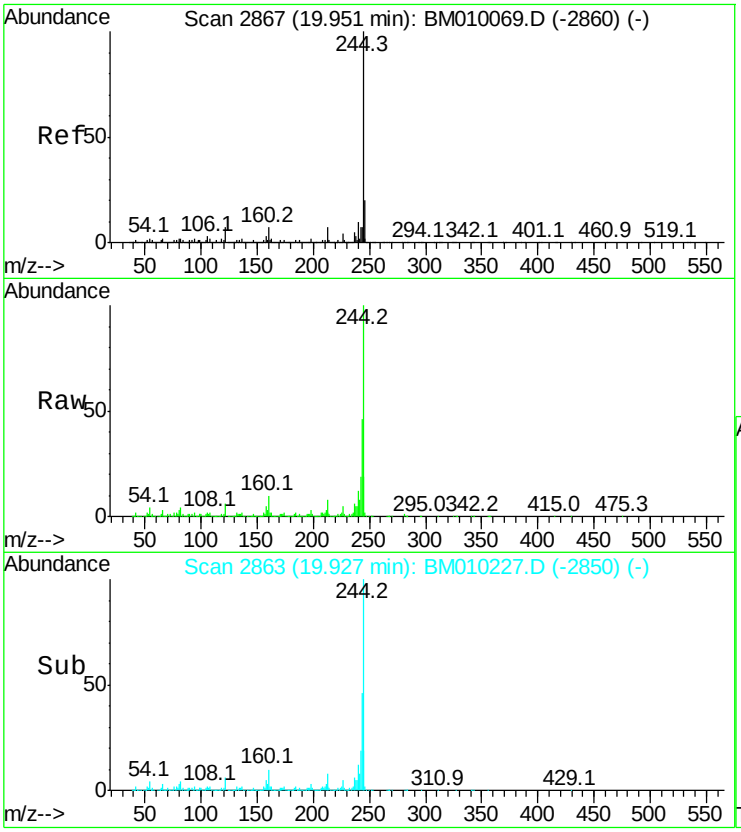


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion:240 Resp: 214414

Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	31.1	20.0	30.0#



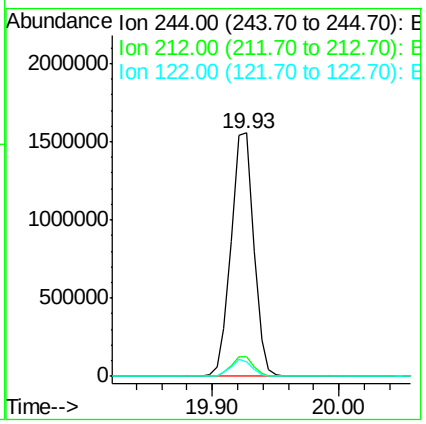


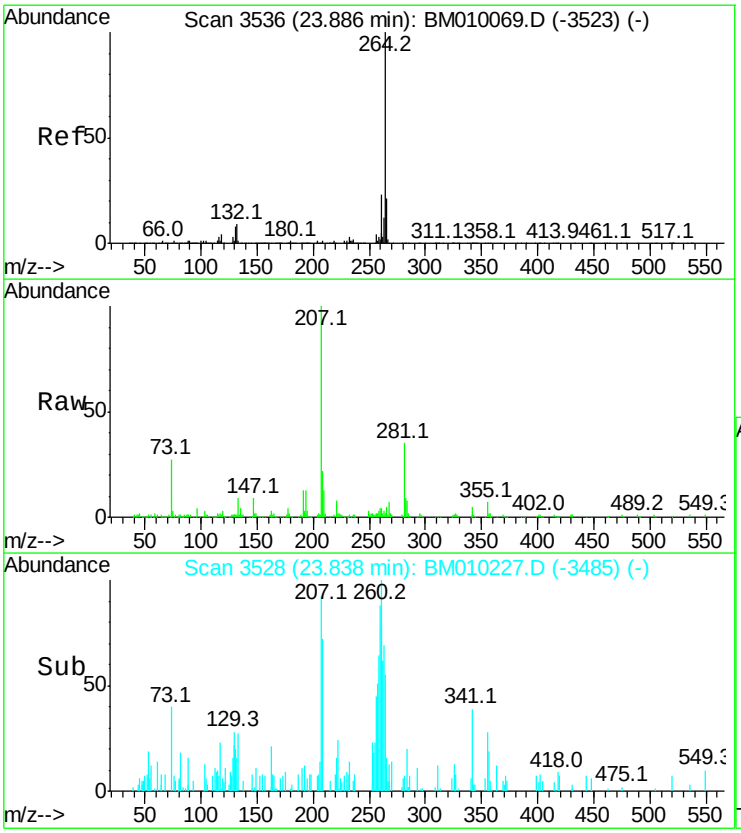
#78
Terphenyl-d14
Concen: 203.47 ng
RT: 19.93 min Scan# 2863
Delta R.T. -0.02 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1918681

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.1	6.2	9.4#

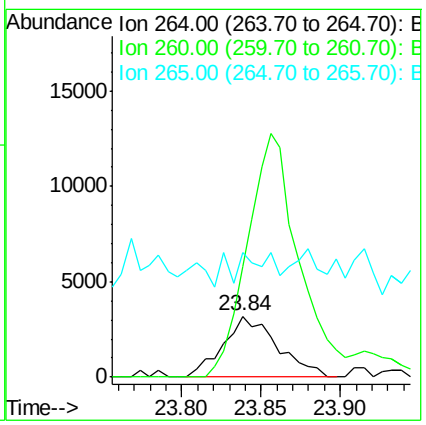


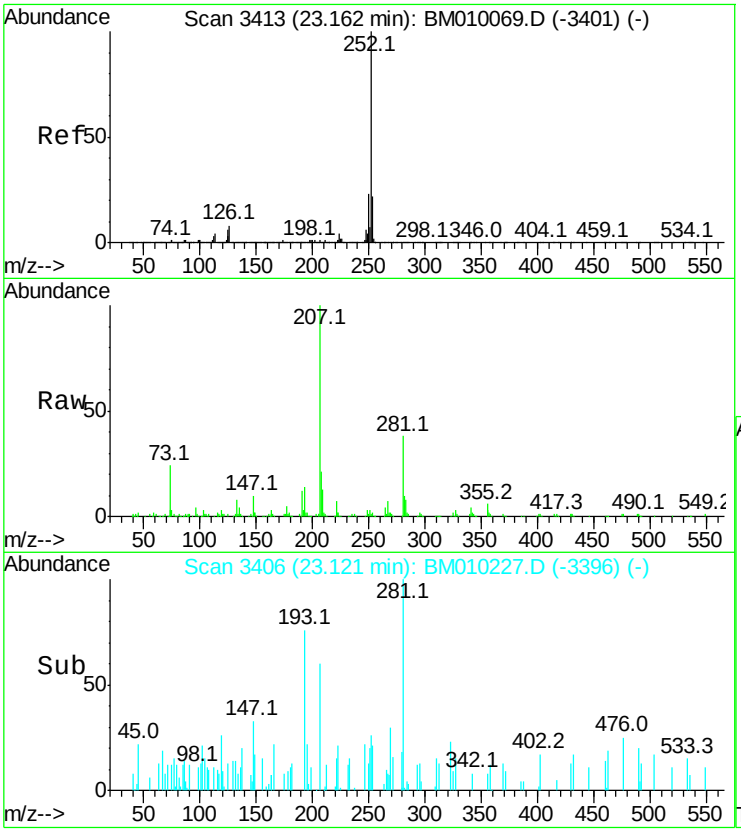


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3528
Delta R.T. -0.05 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion:264 Resp: 7596

Ion	Ratio	Lower	Upper
264	100		
260	180.6	18.6	27.8#
265	205.6	17.3	25.9#



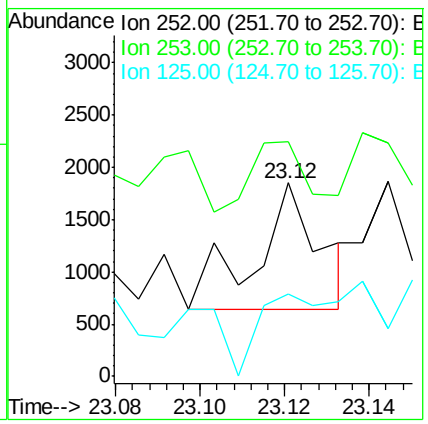


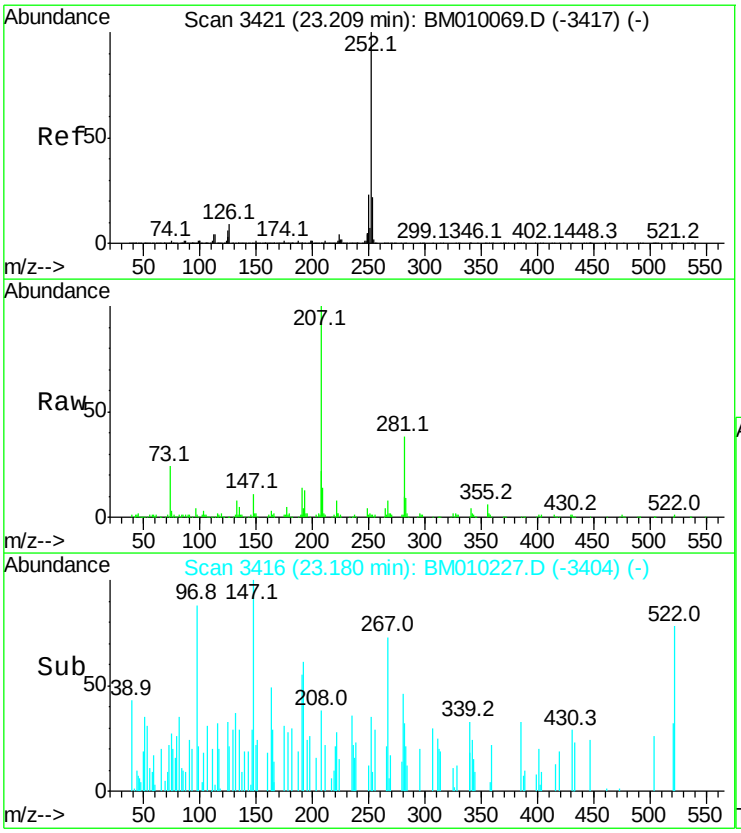
#87
Benzo(b)fluoranthene
Concen: 2.91 ng
RT: 23.12 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1294

Ion	Ratio	Lower	Upper
252	100		
253	121.4	18.0	27.0#
125	42.5	9.9	14.9#





#88
Benzo(k)fluoranthene
Concen: 2.89 ng
RT: 23.18 min Scan# 3416
Delta R.T. -0.03 min
Lab File: BM010227.D
Acq: 25 May 2017 21:08

Tgt Ion:252 Resp: 1259

Ion	Ratio	Lower	Upper
252	100		
253	127.1	17.2	25.8#
125	39.1	8.1	12.1#