Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011029.D
Acq On : 28 Jul 2017 02:11
Operator : SJ/JU
Sample : I4446-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 28 03:57:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	162297	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	618033	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	183960	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	753665	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	194563	20.00	ng	0.00
86) Perylene-d12	23.14	264	4385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1355426	141.18	ng	0.00
7) Phenol-d6	6.59	99	1109209	81.31	ng	0.00
23) Nitrobenzene-d5	8.53	82	1655126	100.51	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	881355	298.92	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2867993	195.52	ng	0.00
78) Terphenyl-d14	19.47	244	3337781	339.82	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.70	79	29169	2.23	ng	# 37
87) Benzo(b)fluoranthene	22.52	252	870	3.09	ng	# 1
88) Benzo(k)fluoranthene	22.55	252	1590	5.89	ng	# 85
89) Benzo(a)pyrene	23.05	252	986	3.87	ng	# 43
91) Benzo(g,h,i)perylene	25.84	276	884	3.81	ng	# 52

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

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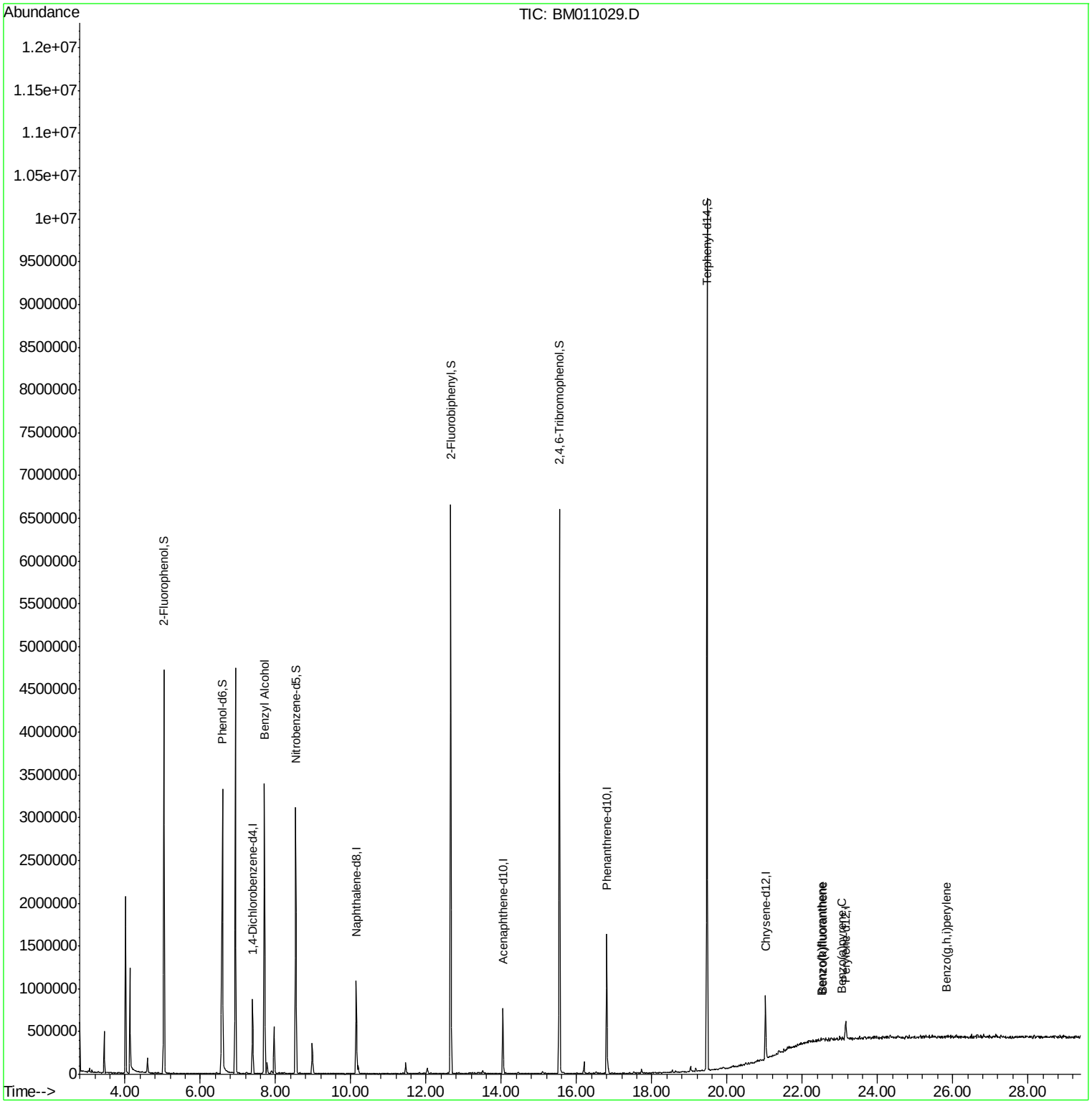
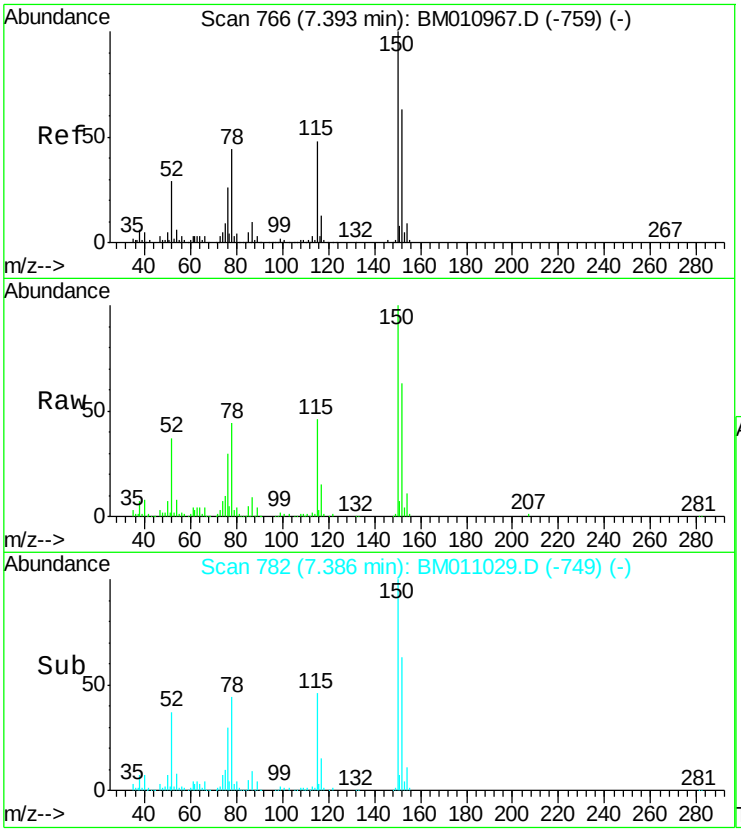


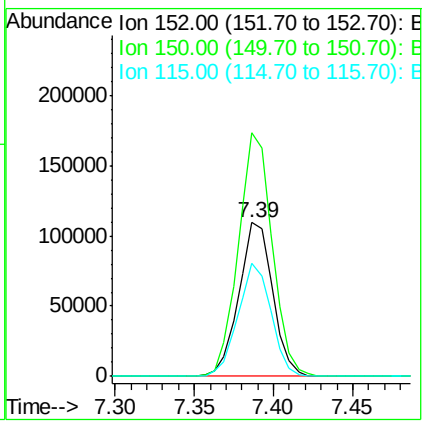


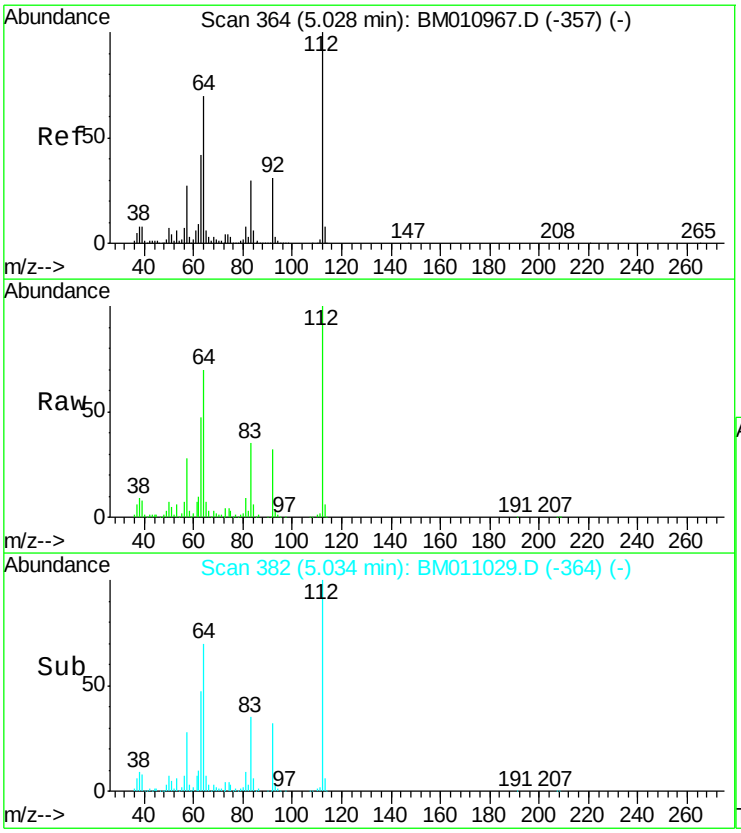
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 162297

Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.5	179.3
115	73.3	43.0	64.4#

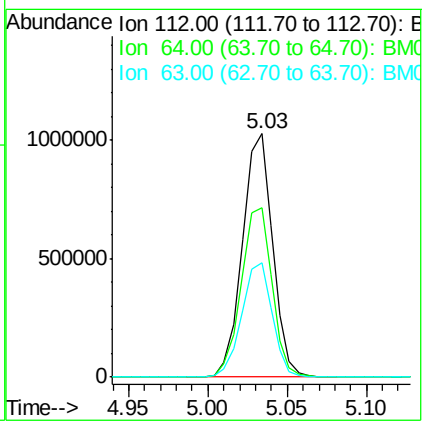


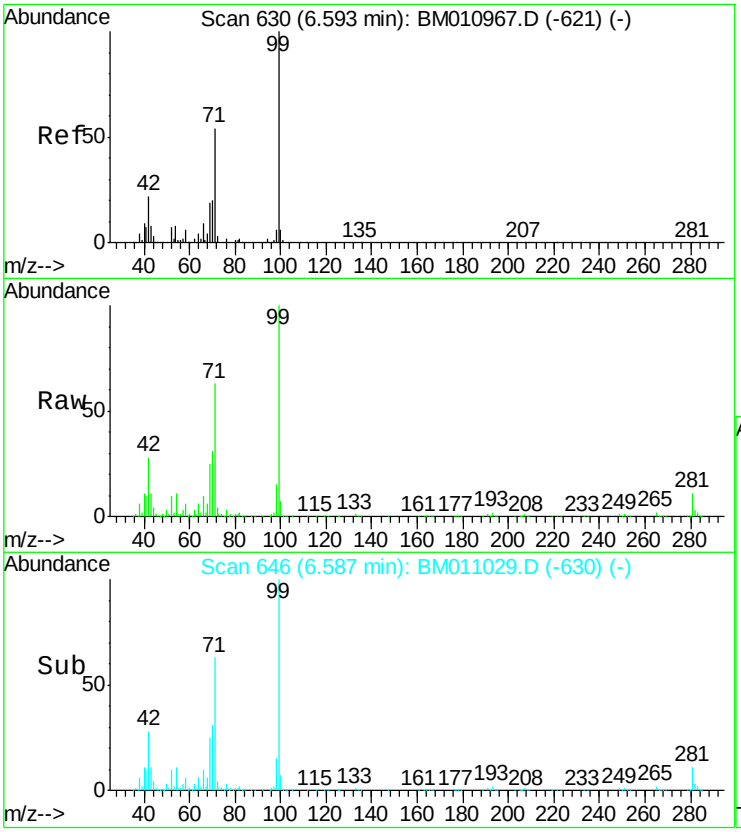


#5
2-Fluorophenol
Concen: 141.18 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion:112 Resp: 1355426

Ion	Ratio	Lower	Upper
112	100		
64	69.7	38.6	57.8#
63	46.8	19.3	28.9#



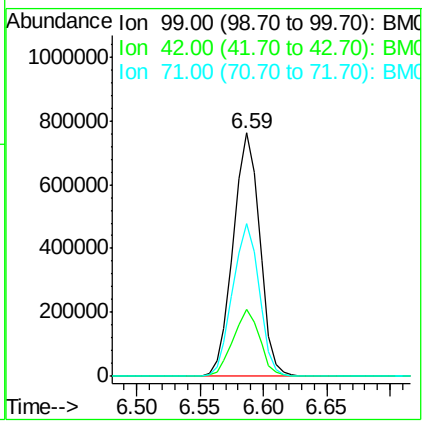


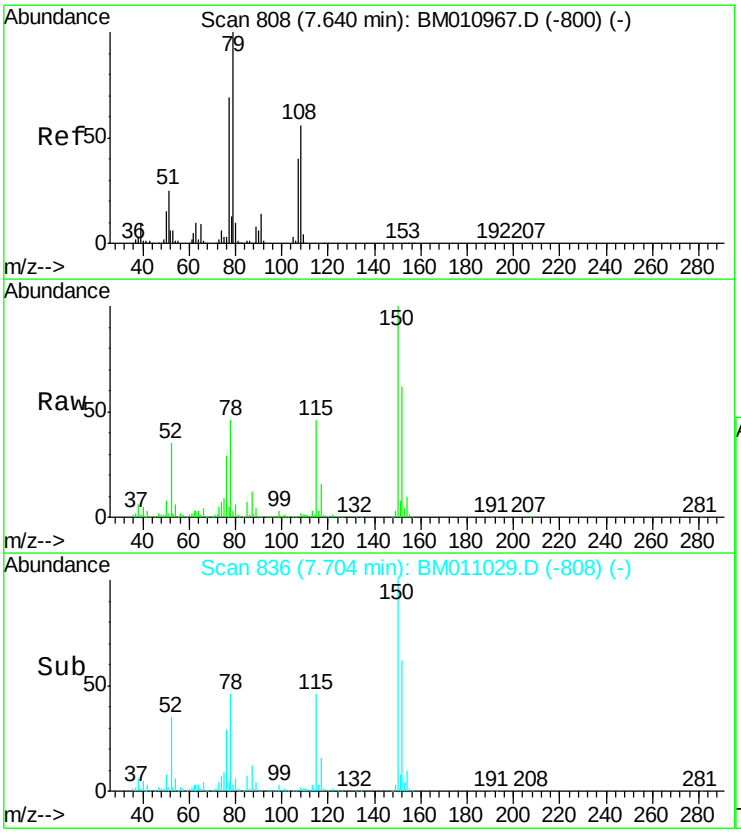
#7
Phenol-d6
Concen: 81.31 ng
RT: 6.59 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1109209

Ion	Ratio	Lower	Upper
99	100		
42	27.6	11.0	16.4#
71	62.7	23.4	35.2#

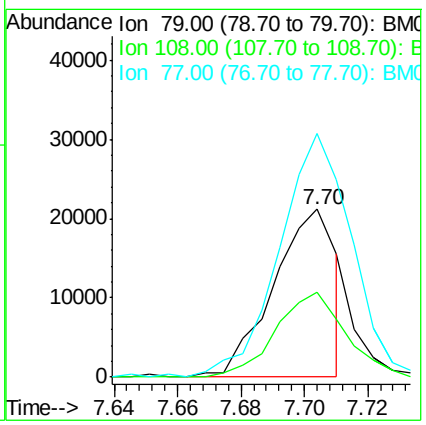


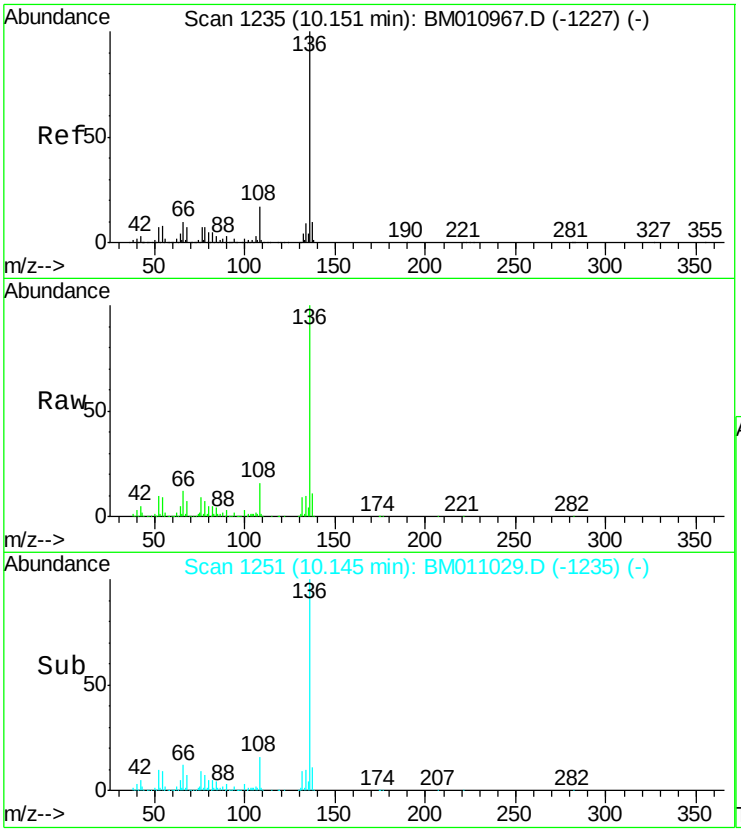


#15
Benzyl Alcohol
Concen: 2.23 ng
RT: 7.70 min Scan# 836
Delta R.T. 0.06 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion: 79 Resp: 29169

Ion	Ratio	Lower	Upper
79	100		
108	50.6	65.0	97.4#
77	144.9	53.0	79.6#



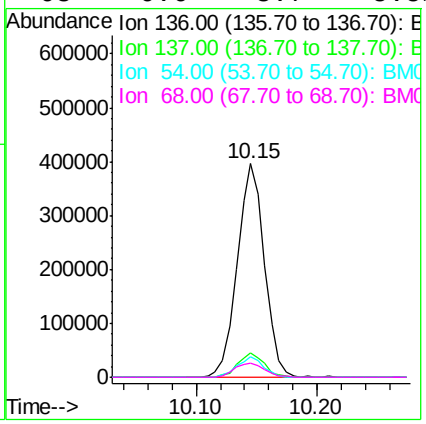


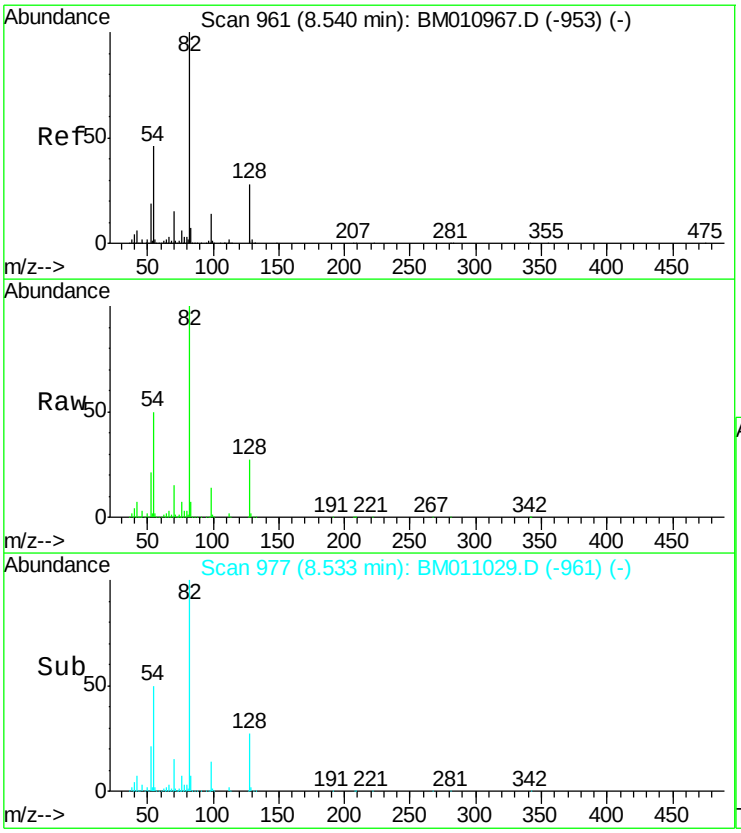
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 618033

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.4	4.6	6.8#
68	6.6	3.7	5.5#

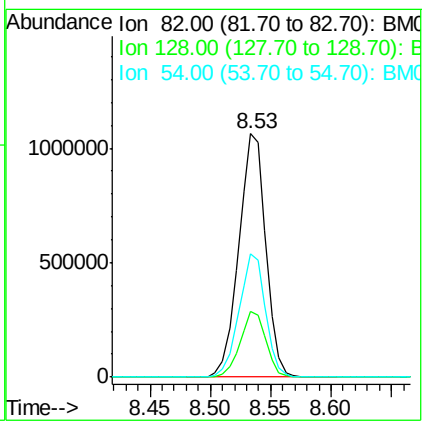


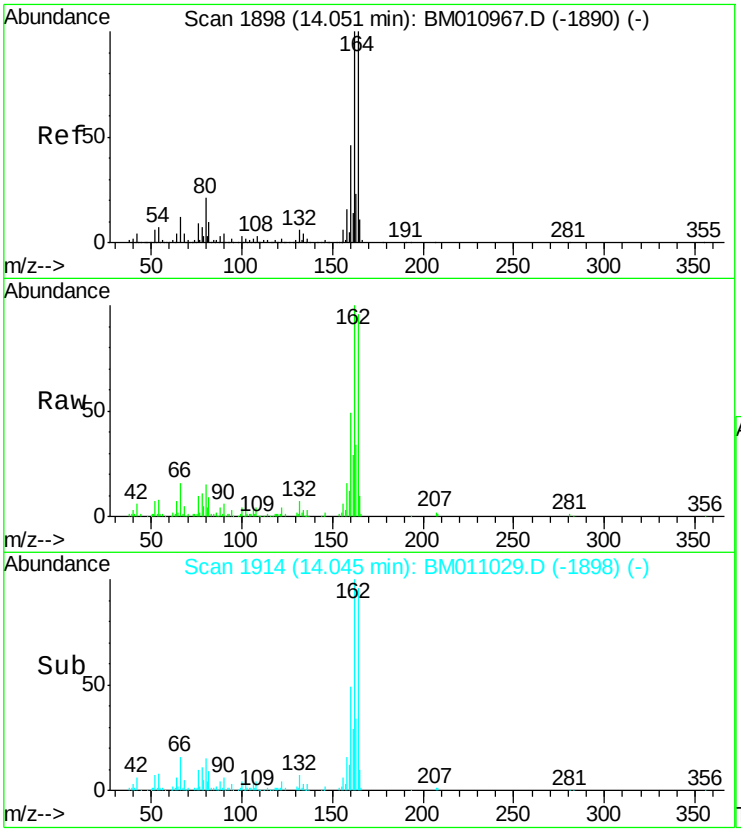


#23
Nitrobenzene-d5
Concen: 100.51 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion: 82 Resp: 1655126

Ion	Ratio	Lower	Upper
82	100		
128	27.2	32.8	49.2#
54	50.5	40.6	60.8



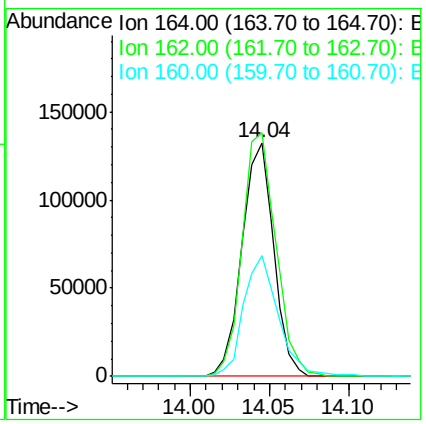


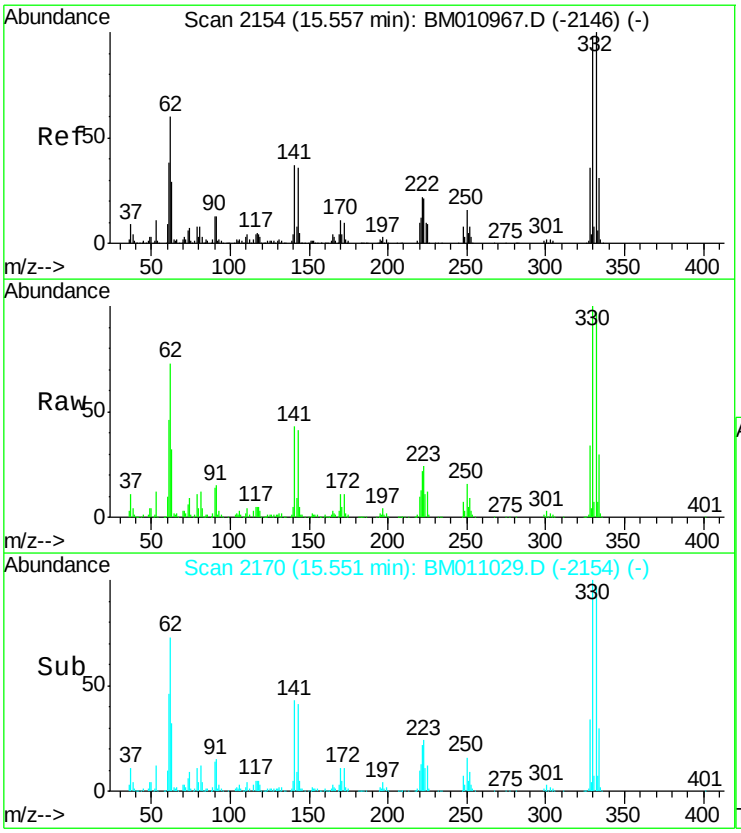
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.04 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 183960

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	51.5	35.8	53.6

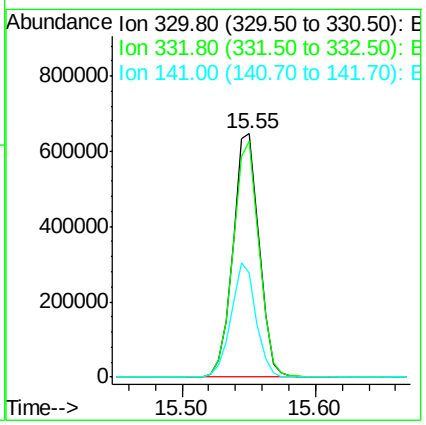


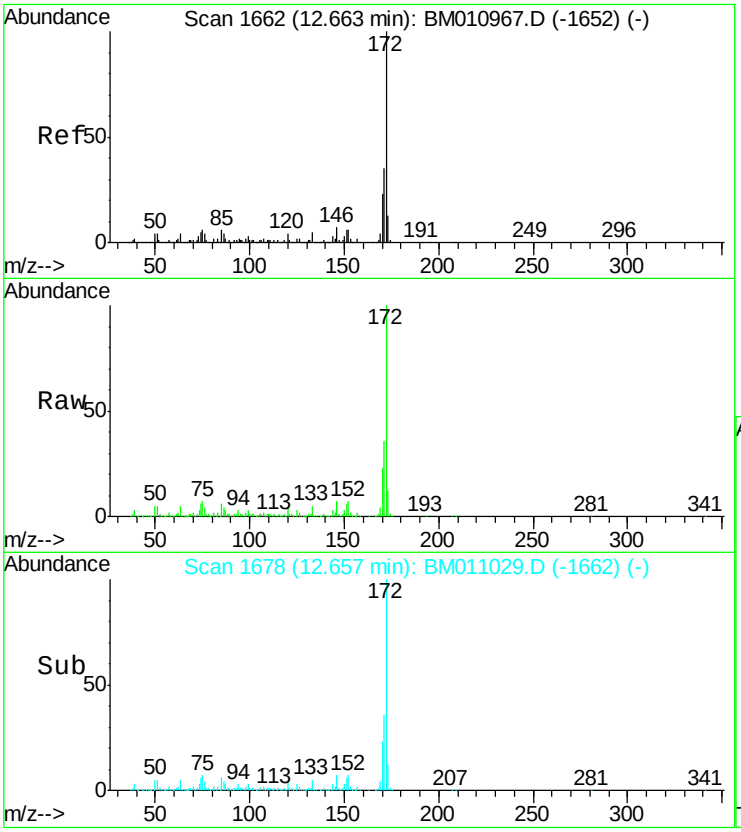


#41
2,4,6-Tribromophenol
Concen: 298.92 ng
RT: 15.55 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion:330 Resp: 881355

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	44.9	0.0	0.0#



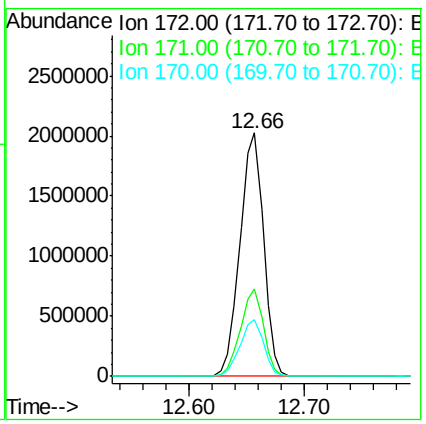


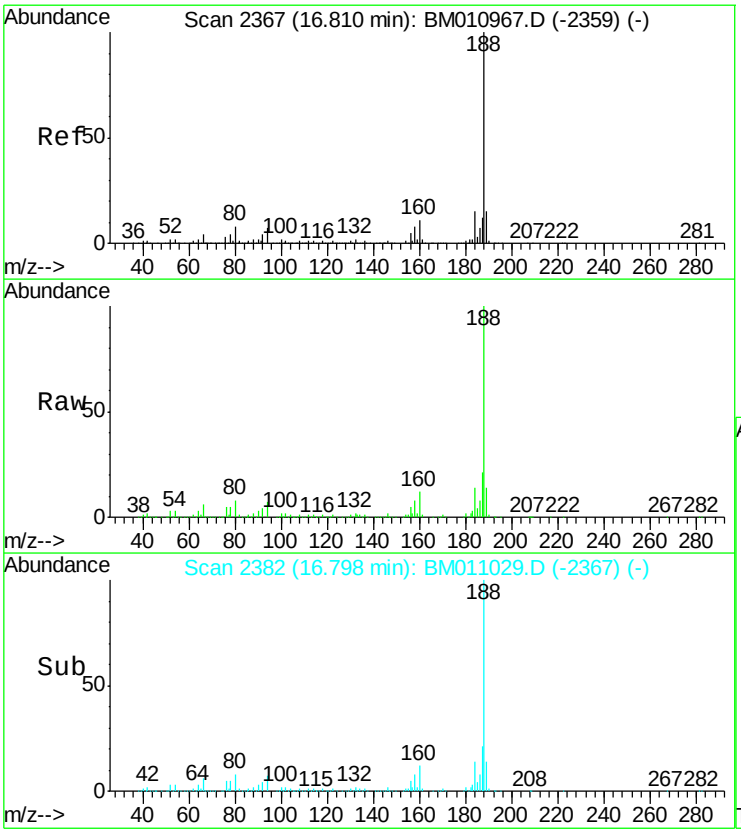
#44
2-Fluorobiphenyl
Concen: 195.52 ng
RT: 12.66 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 2867993

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.1	18.8	28.2

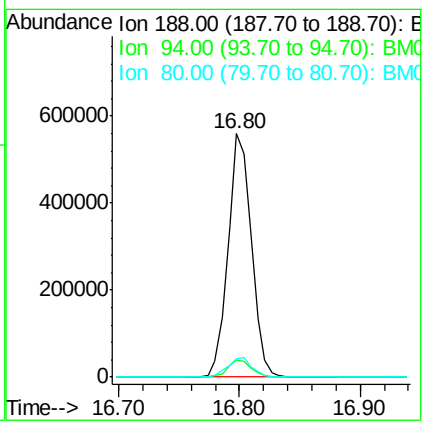


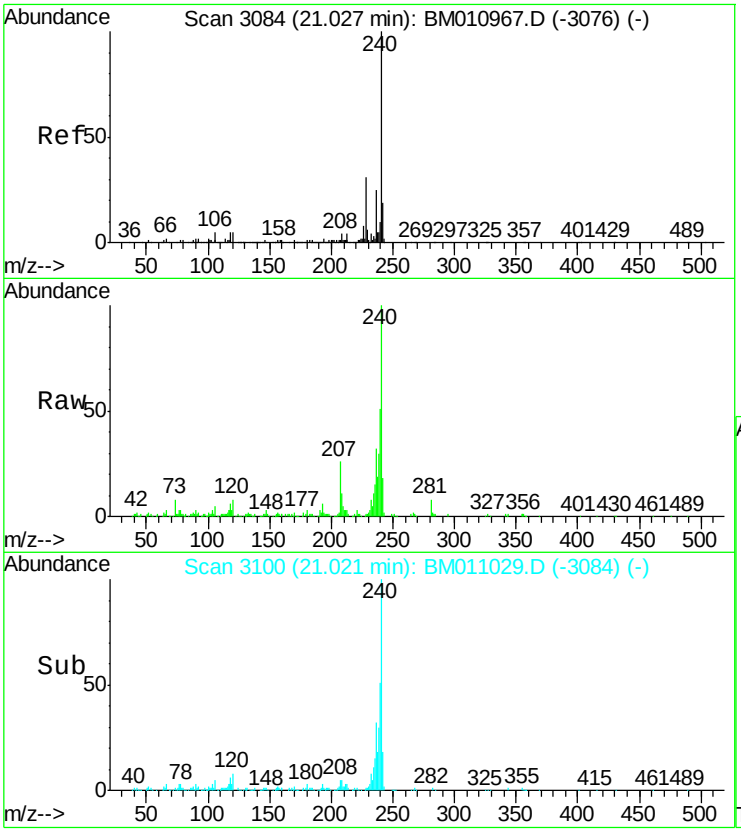


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion:188 Resp: 753665

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.7	13.1#
80	7.8	9.3	13.9#



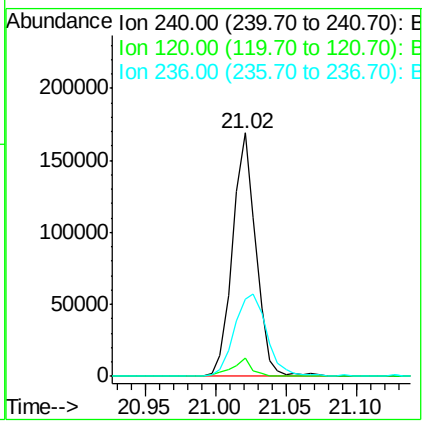


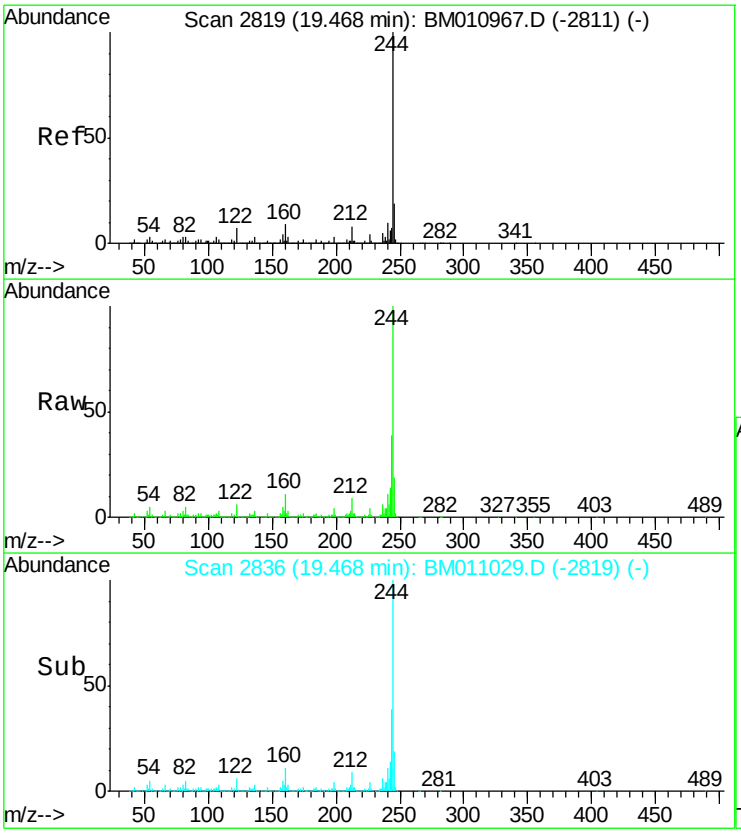
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 194563

Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.2	12.2#
236	31.8	20.0	30.0#

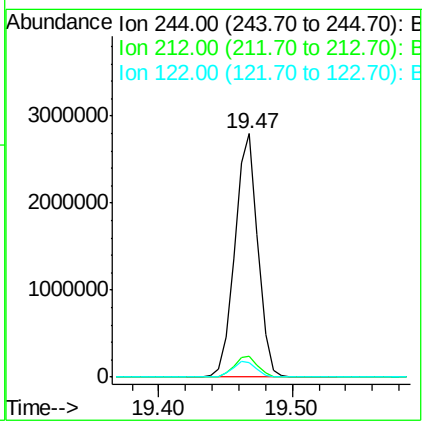


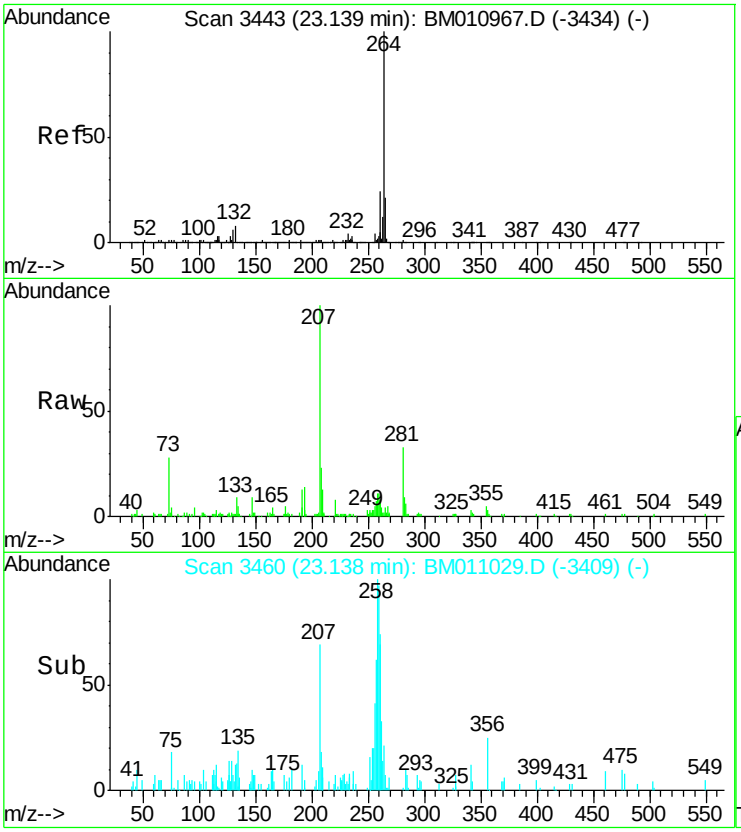


#78
Terphenyl-d14
Concen: 339.82 ng
RT: 19.47 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion:244 Resp: 3337781

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.0	6.2	9.4#



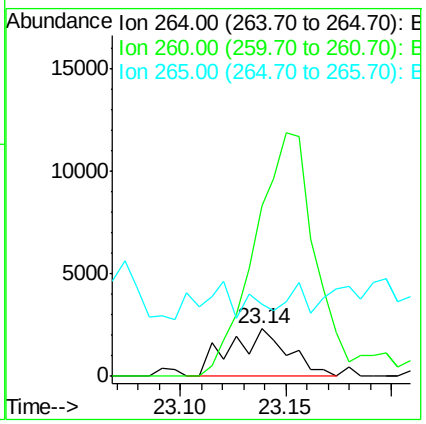


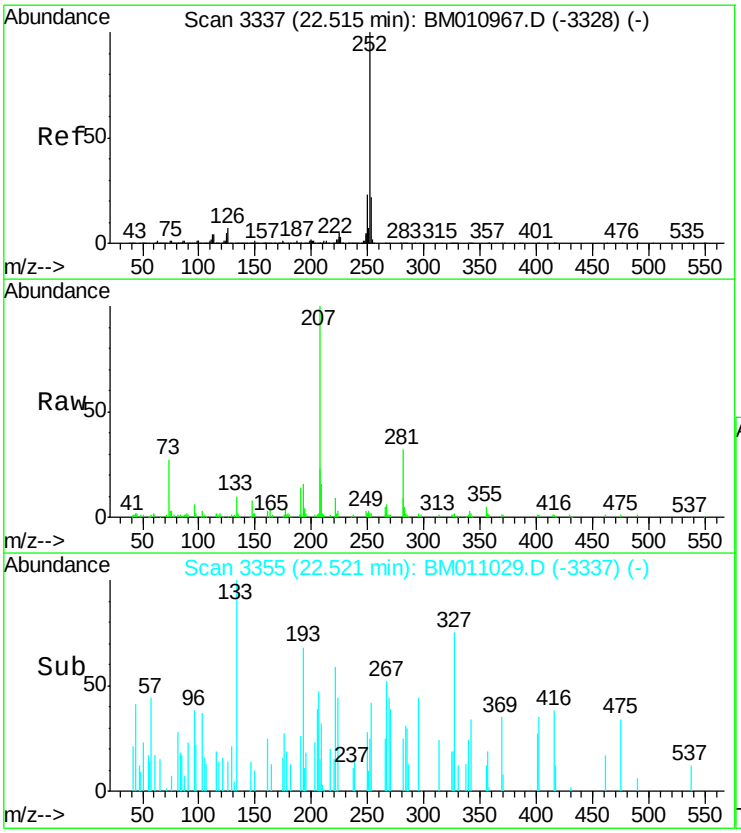
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.14 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 4385

Ion	Ratio	Lower	Upper
264	100		
260	358.2	18.6	27.8#
265	152.8	17.3	25.9#

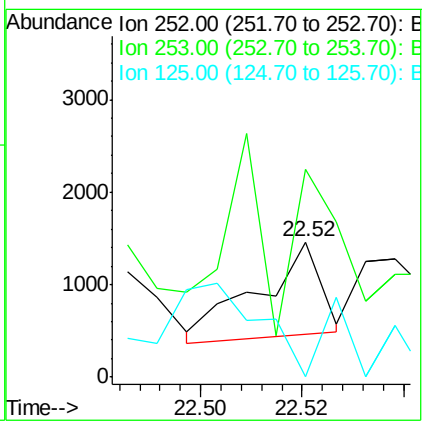


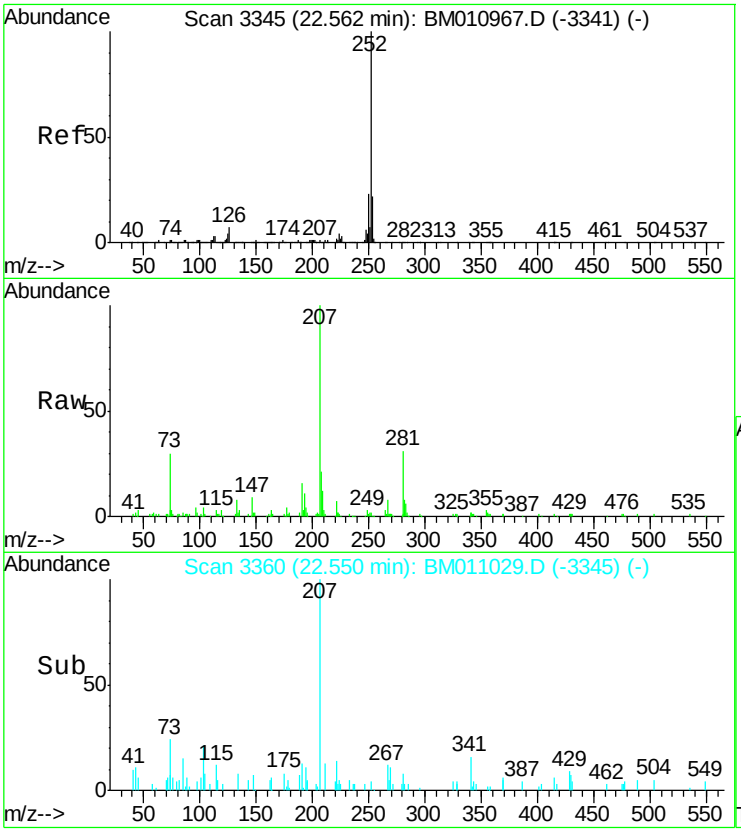


#87
Benzo(b)fluoranthene
Concen: 3.09 ng
RT: 22.52 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion:252 Resp: 870

Ion	Ratio	Lower	Upper
252	100		
253	153.8	18.0	27.0#
125	0.0	9.9	14.9#



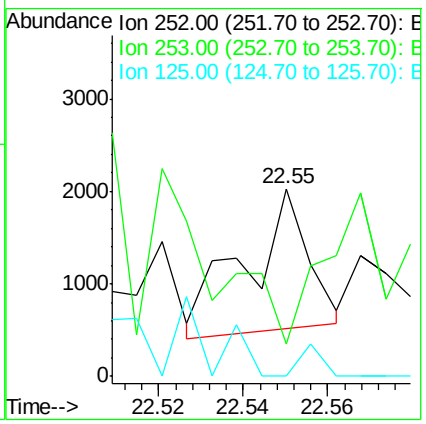


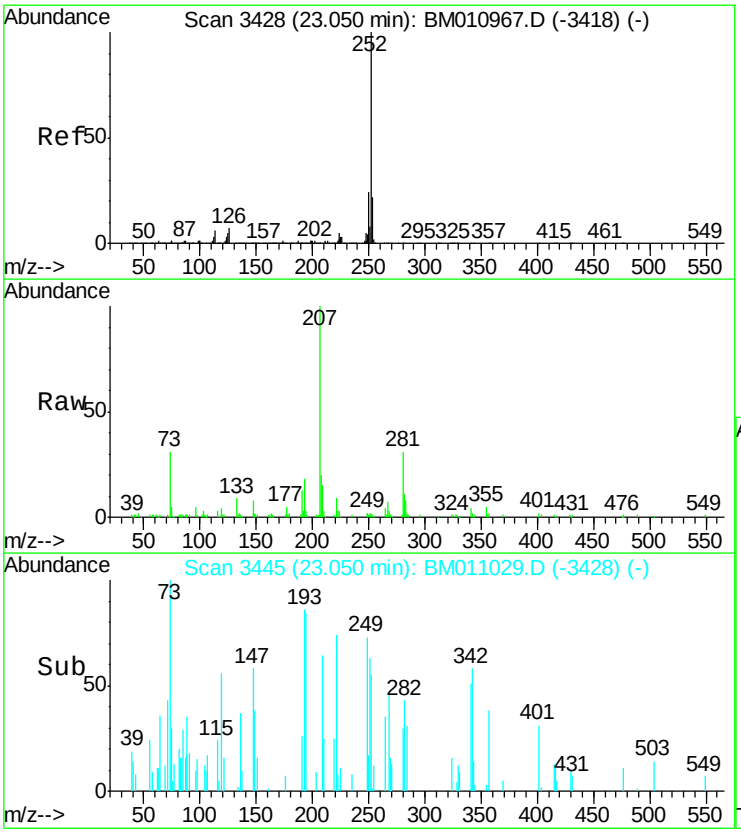
#88
Benzo(k)fluoranthene
Concen: 5.89 ng
RT: 22.55 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1590

Ion	Ratio	Lower	Upper
252	100		
253	17.0	17.2	25.8#
125	0.0	8.1	12.1#

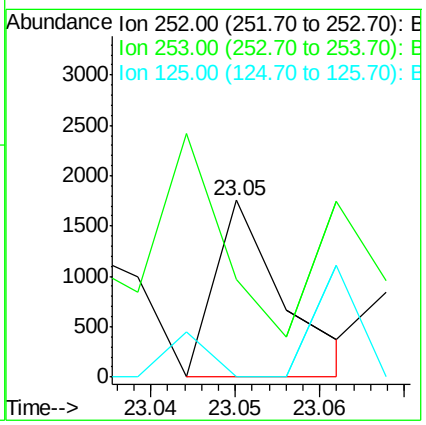


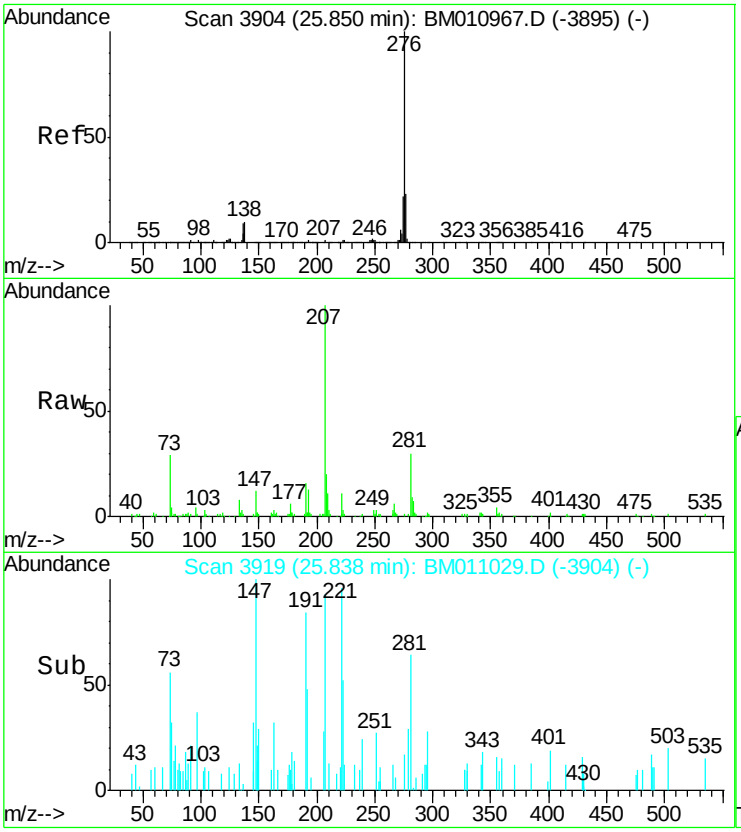


#89
Benzo(a)pyrene
Concen: 3.87 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Tgt Ion:252 Resp: 986

Ion	Ratio	Lower	Upper
252	100		
253	55.4	17.6	26.4#
125	0.0	7.4	11.2#





#91
Benzo(g,h,i)perylene
Concen: 3.81 ng
RT: 25.84 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM011029.D
Acq: 28 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 884

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.5	27.7#
138	0.0	19.0	28.6#