Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072417\
Data File : BM010961.D
Acq On : 24 Jul 2017 13:17
Operator : SJ/JU
Sample : I4363-03RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 24 16:25:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	250206	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	847964	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	136370	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	596296	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	27127	20.00	ng	-0.02
86) Perylene-d12	23.17	264	575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1822424	120.65	ng	-0.02
7) Phenol-d6	6.62	99	865356	41.56	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2239893	101.53	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1130469	542.45	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4179173	381.24	ng	-0.02
78) Terphenyl-d14	19.49	244	1997978	1424.52	ng	-0.02
Target Compounds						Qvalue
79) Butylbenzylphthalate	20.20	149	3452	6.270	ng	# 42
81) 3,3'-Dichlorobenzidine	20.97	252	2679	4.335	ng	# 89
82) Chrysene	21.07	228	6615	4.419	ng	# 11
87) Benzo(b)fluoranthene	22.55	252	1347	36.880	ng	# 1
88) Benzo(k)fluoranthene	22.58	252	1485	42.567	ng	# 4
89) Benzo(a)pyrene	23.08	252	868	26.109	ng	# 1
90) Dibenzo(a,h)anthracene	25.28	278	2588	80.205	ng	# 78
91) Benzo(g,h,i)perylene	25.91	276	3047	96.062	ng	# 75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072417\
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Acq On : 24 Jul 2017 13:17
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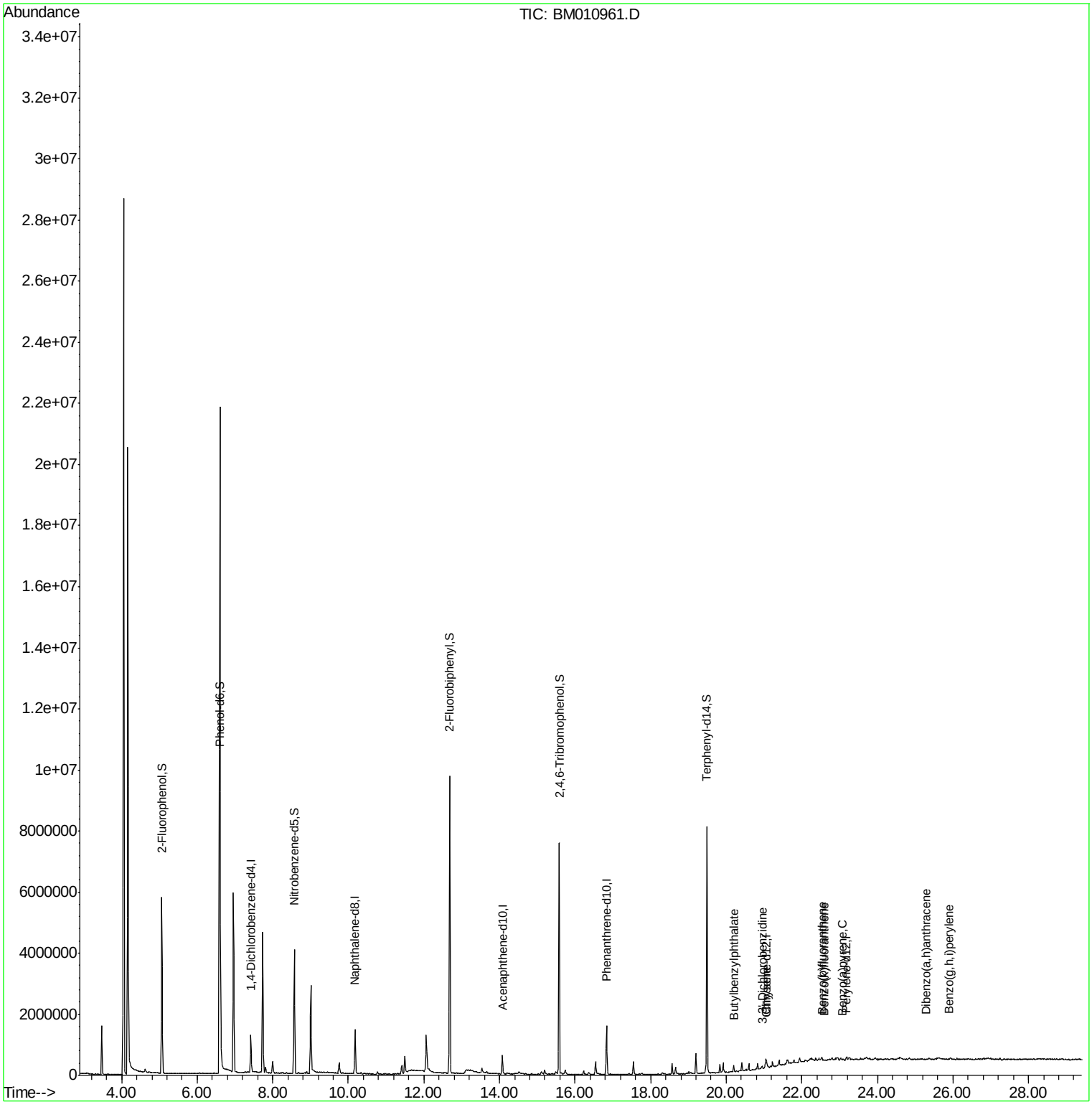
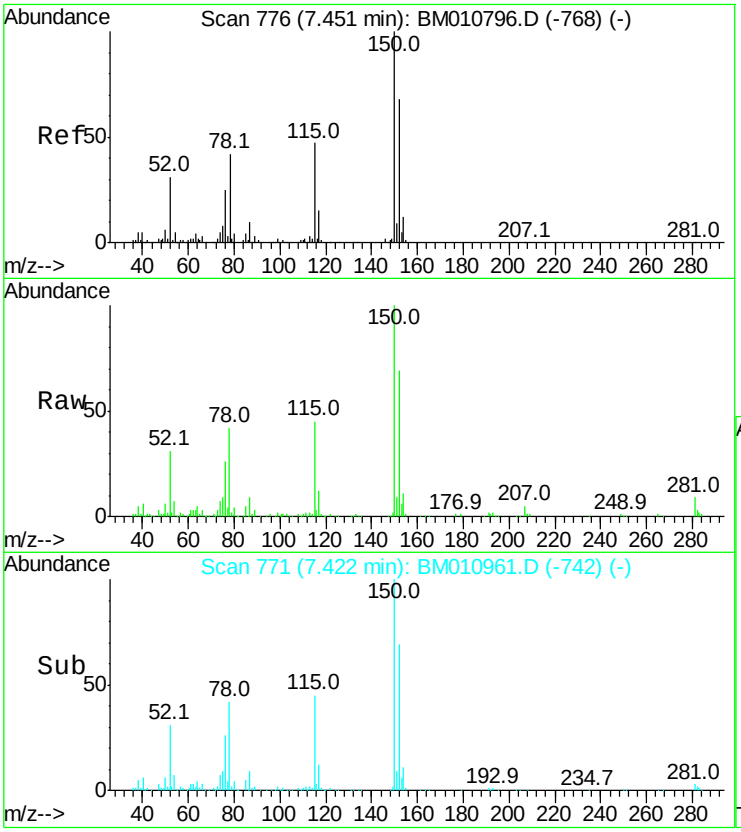
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 24 16:25:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration



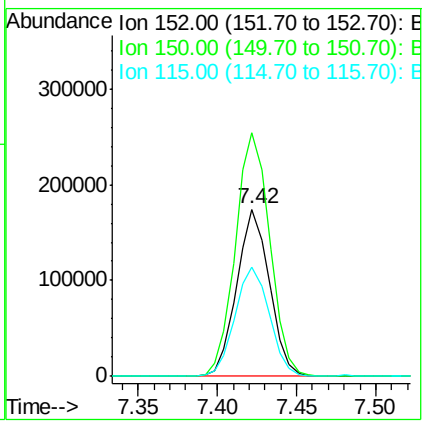


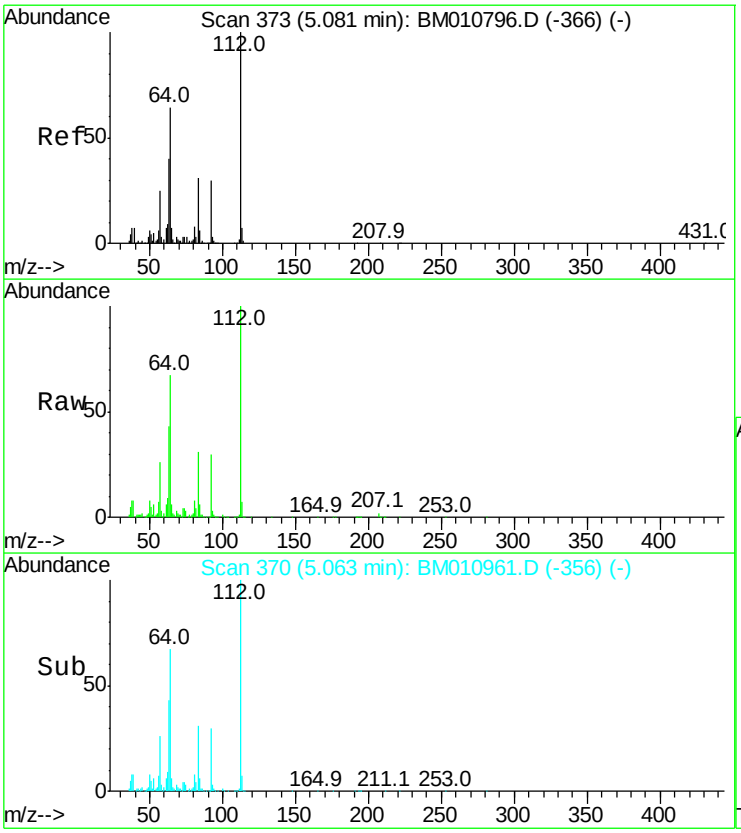
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 250206

Ion	Ratio	Lower	Upper
152	100		
150	145.7	119.5	179.3
115	65.5	43.0	64.4#

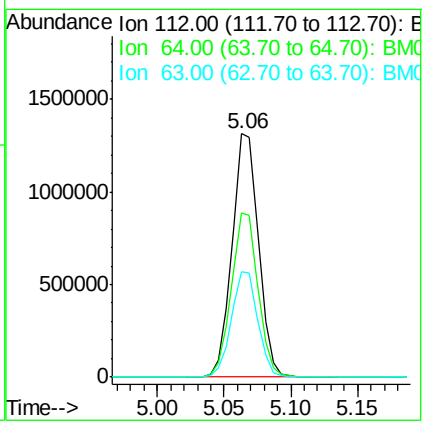


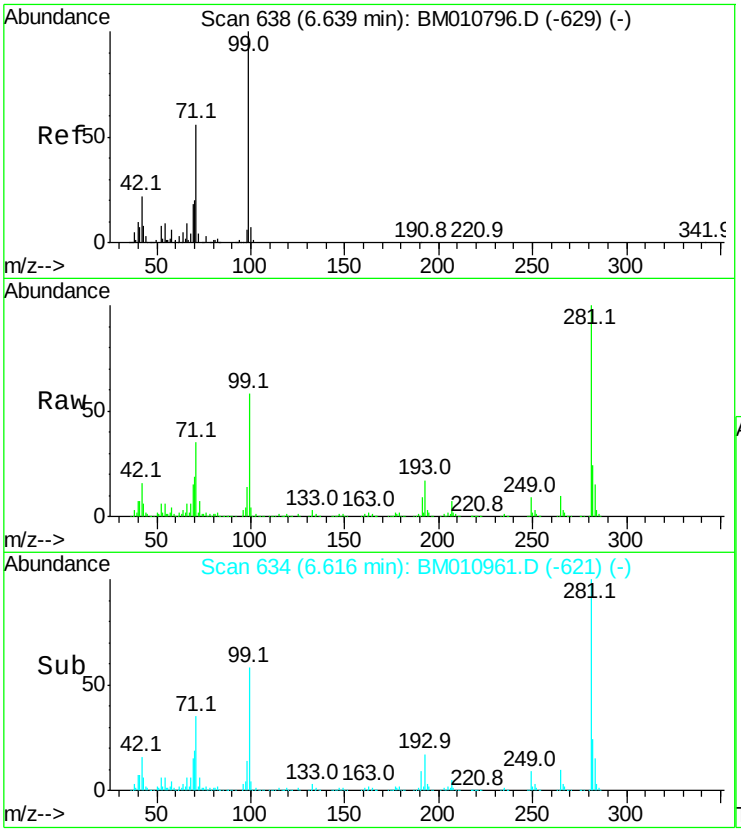


#5
2-Fluorophenol
Concen: 120.654 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:112 Resp: 1822424

Ion	Ratio	Lower	Upper
112	100		
64	67.3	38.6	57.8#
63	43.0	19.3	28.9#



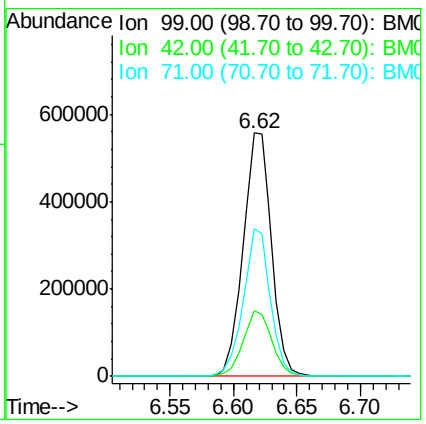


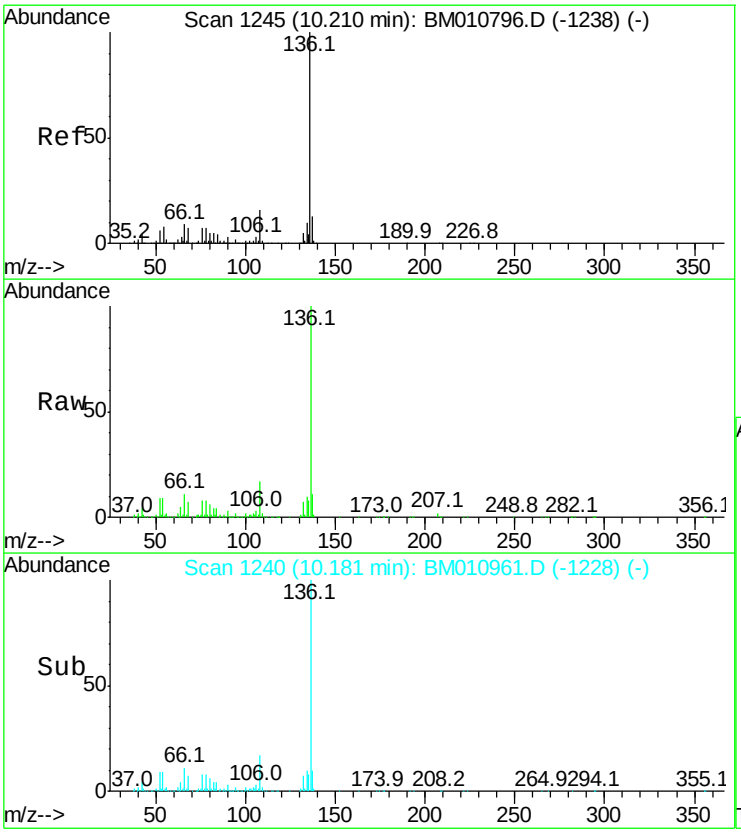
#7
Phenol-d6
Concen: 41.558 ng
RT: 6.62 min Scan# 634
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 865356

Ion	Ratio	Lower	Upper
99	100		
42	27.2	11.0	16.4#
71	60.8	23.4	35.2#

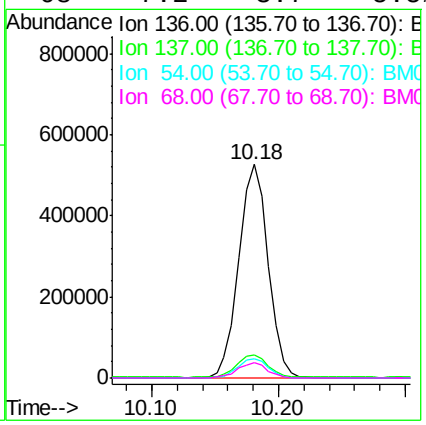


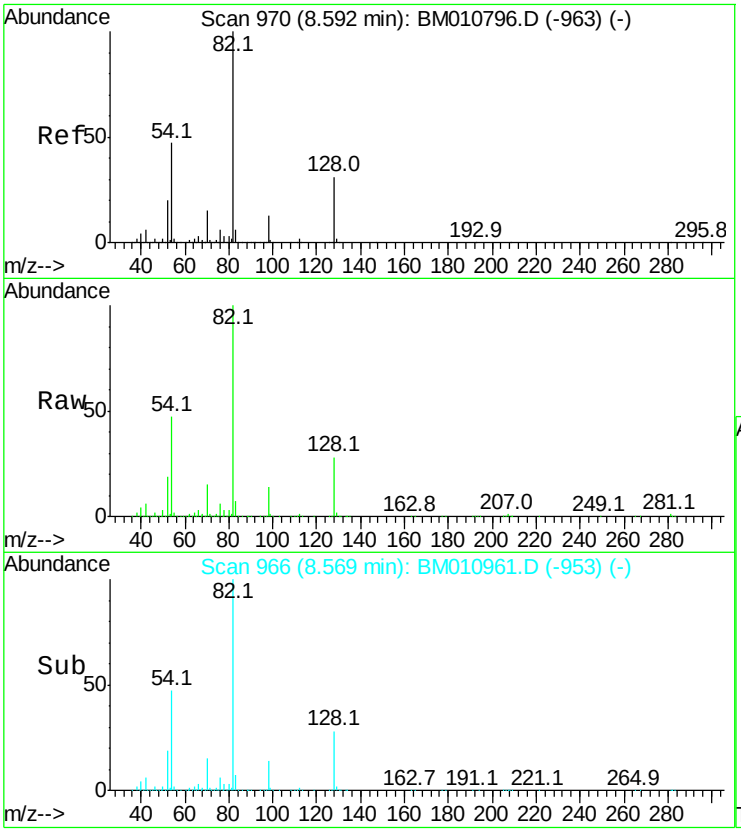


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.03 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:136 Resp: 847964

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.3	4.6	6.8#
68	7.2	3.7	5.5#



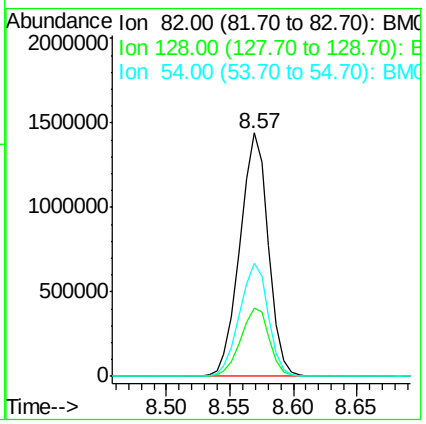


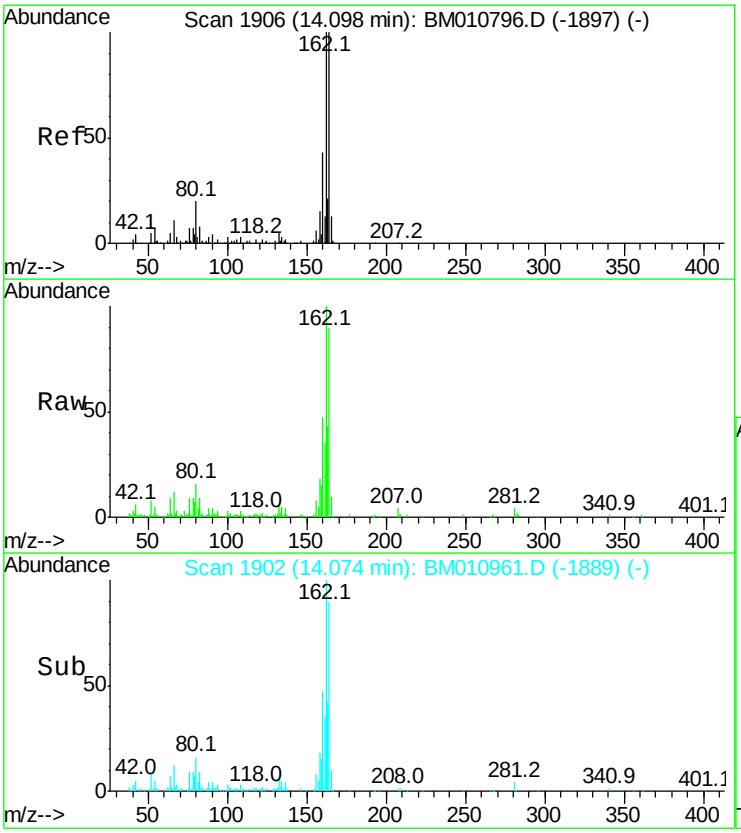
#23
Nitrobenzene-d5
Concen: 101.533 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 2239893

Ion	Ratio	Lower	Upper
82	100		
128	27.8	32.8	49.2#
54	46.6	40.6	60.8

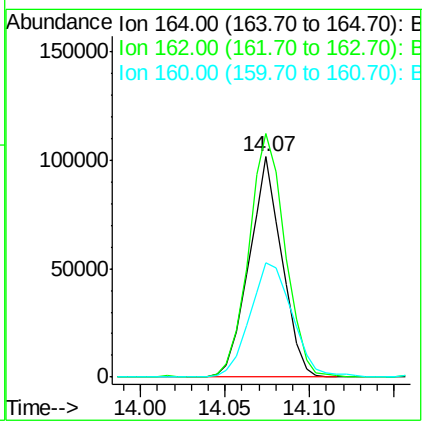


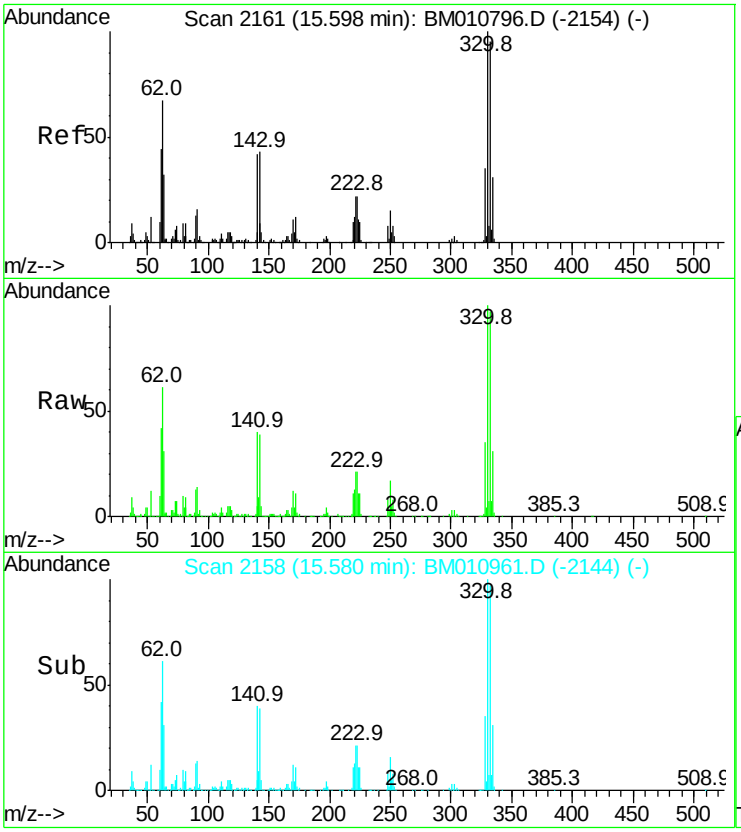


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:164 Resp: 136370

Ion	Ratio	Lower	Upper
164	100		
162	110.5	82.4	123.6
160	51.7	35.8	53.6



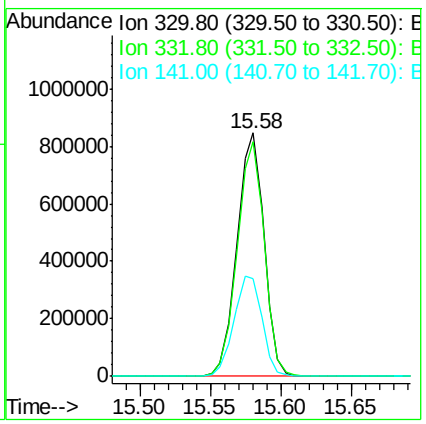


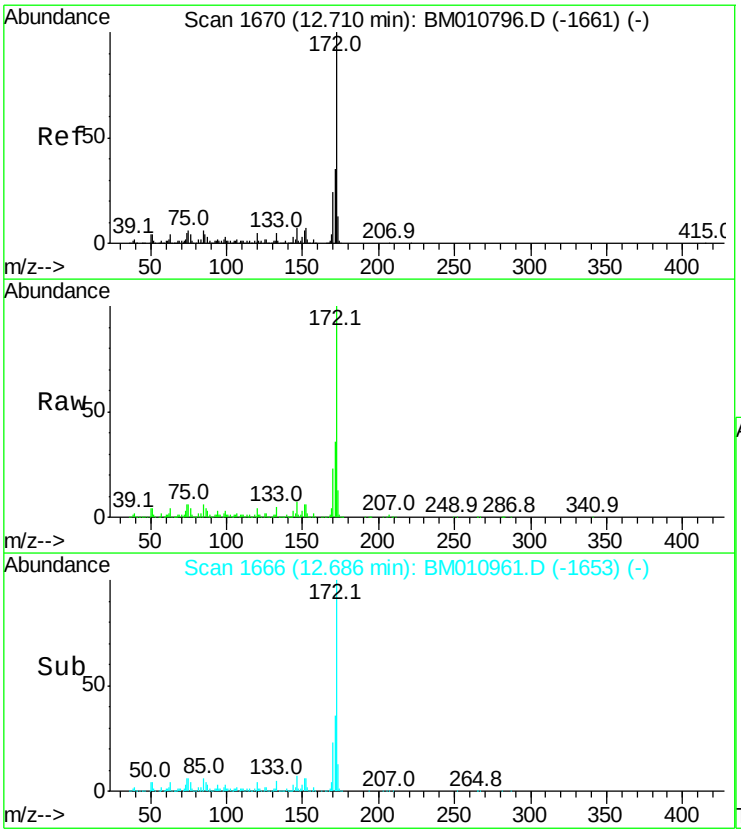
#41
2,4,6-Tribromophenol
Concen: 542.454 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 1130469

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	42.9	0.0	0.0#

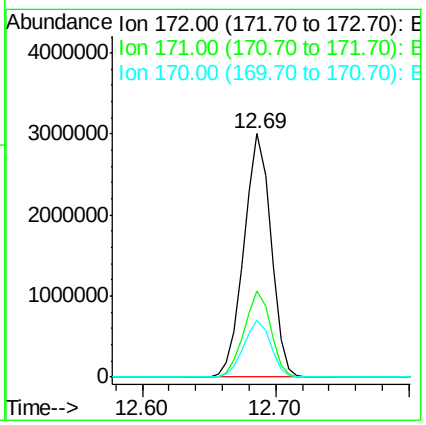


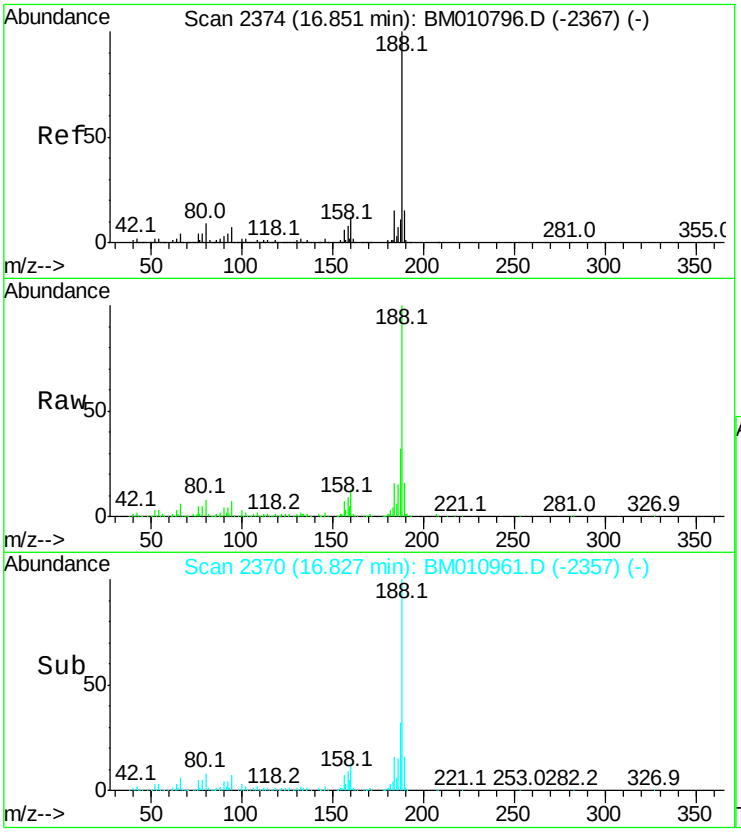


#44
2-Fluorobiphenyl
Concen: 381.242 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:172 Resp: 4179173

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.3	18.8	28.2



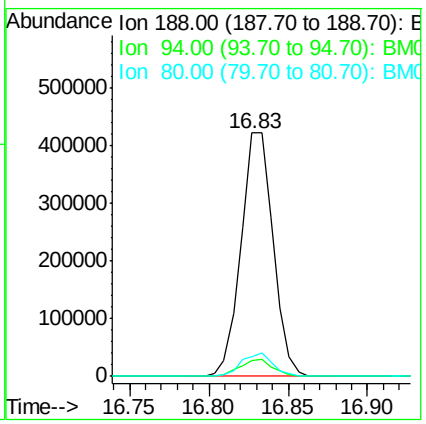


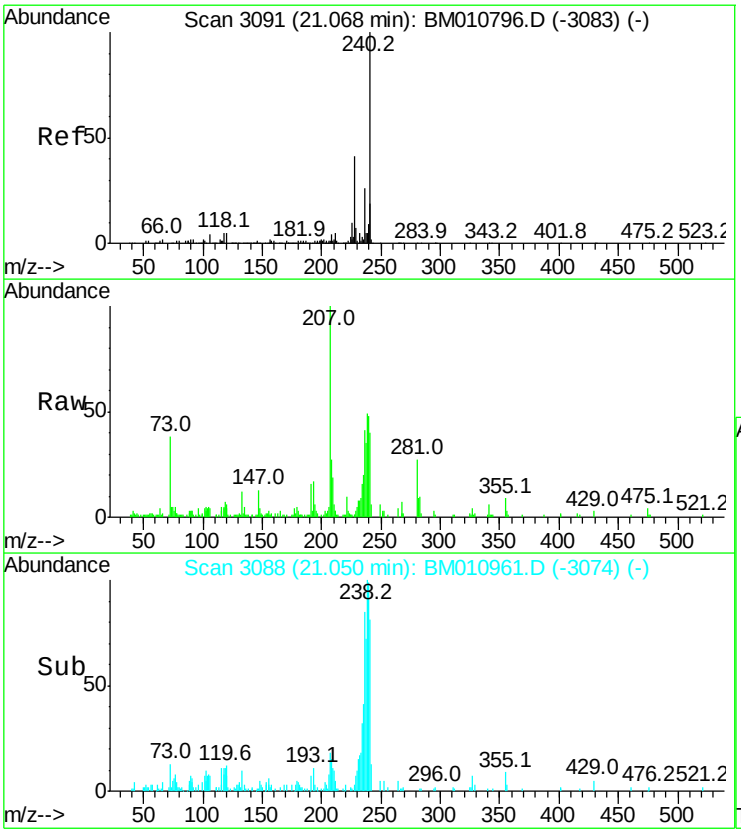
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 596296

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.3	9.3	13.9#

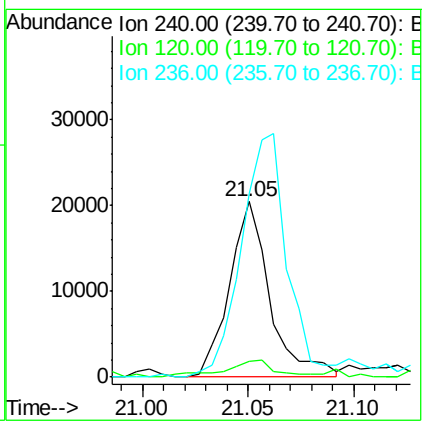


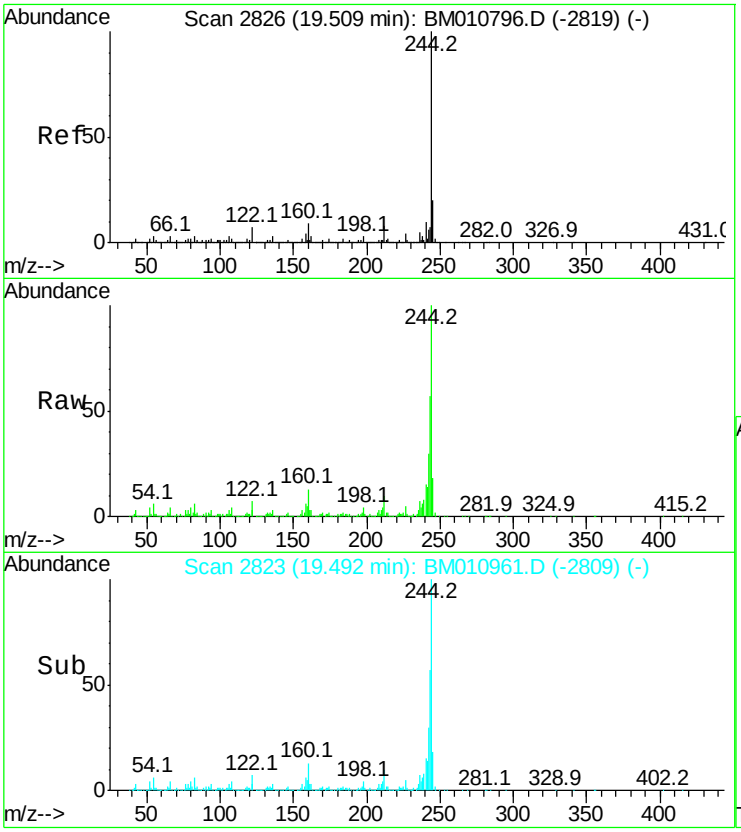


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:240 Resp: 27127

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	104.6	20.0	30.0#



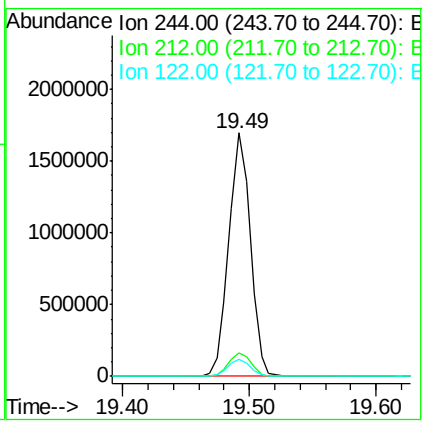


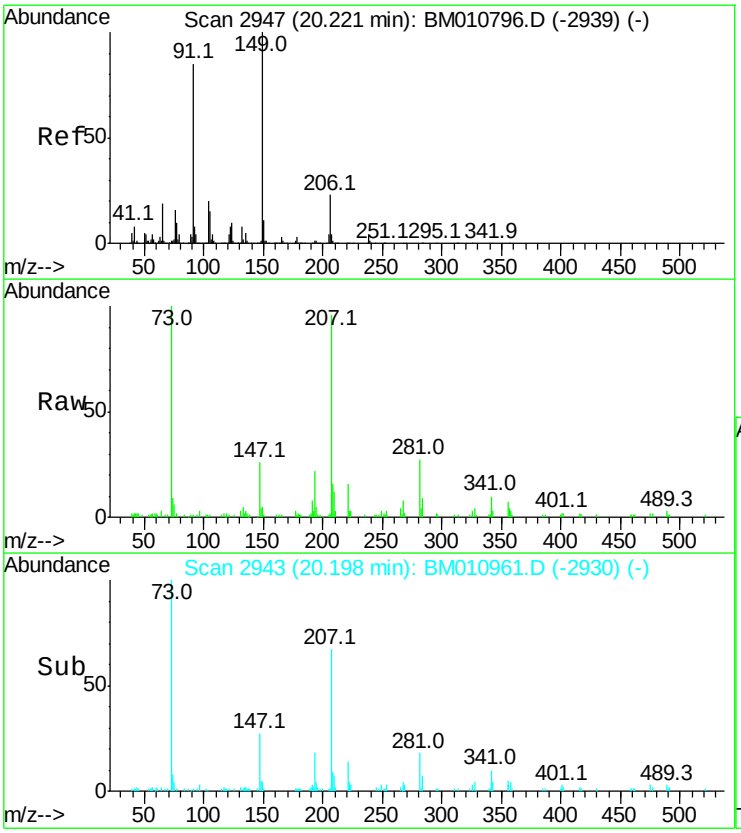
#78
Terphenyl-d14
Concen: 1424.520 ng
RT: 19.49 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1997978

Ion	Ratio	Lower	Upper
244	100		
212	9.7	4.9	7.3#
122	7.0	6.2	9.4

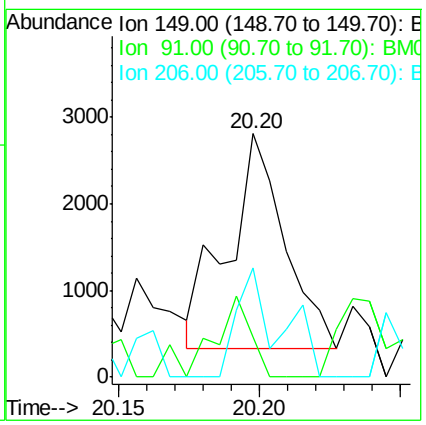


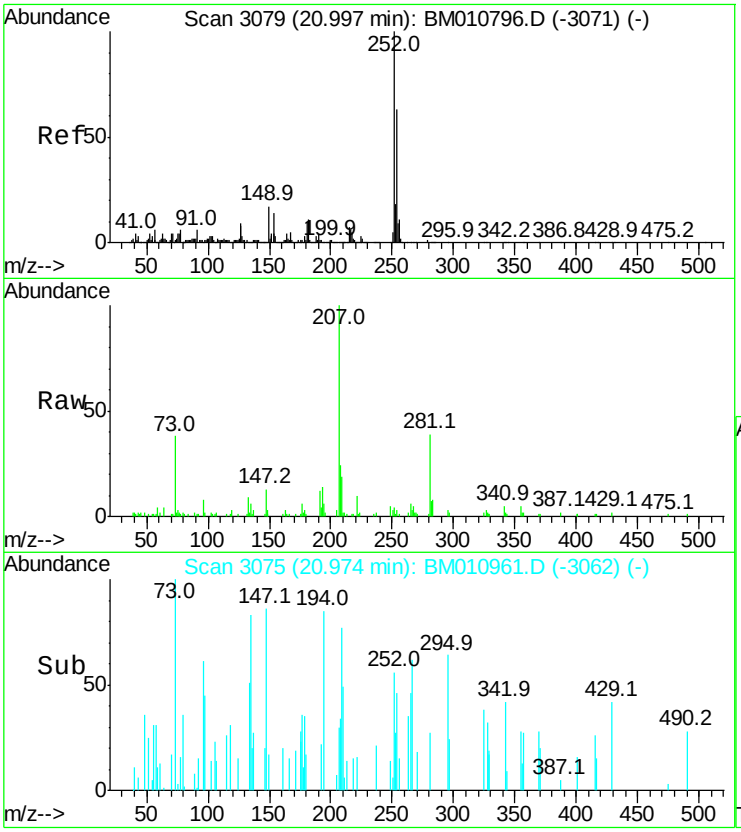


#79
Butylbenzylphthalate
Concen: 6.270 ng
RT: 20.20 min Scan# 2943
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:149 Resp: 3452

Ion	Ratio	Lower	Upper
149	100		
91	16.3	50.1	75.1#
206	44.6	16.2	24.2#



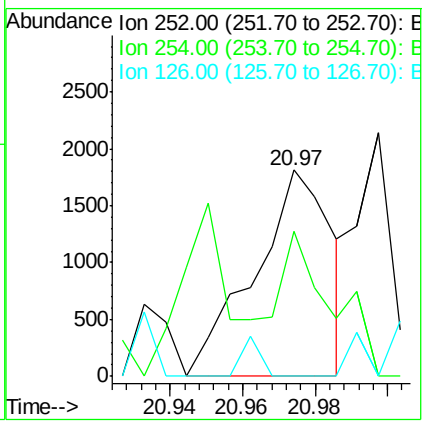


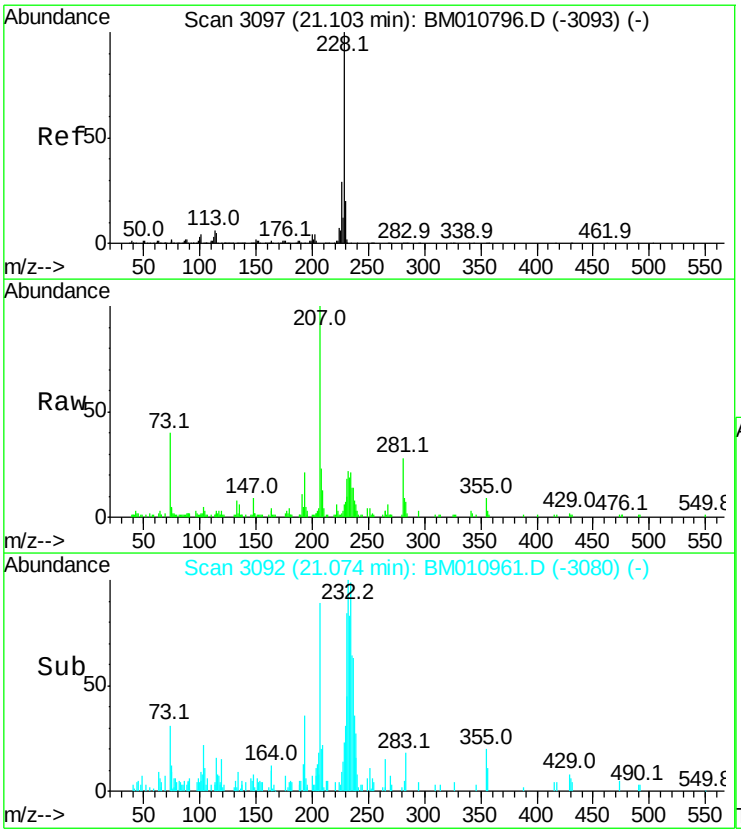
#81
3,3'-Dichlorobenzidine
Concen: 4.335 ng
RT: 20.97 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2679

Ion	Ratio	Lower	Upper
252	100		
254	70.0	51.9	77.9
126	0.0	9.8	14.8#

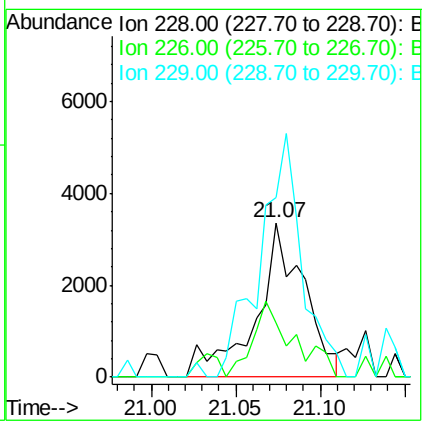


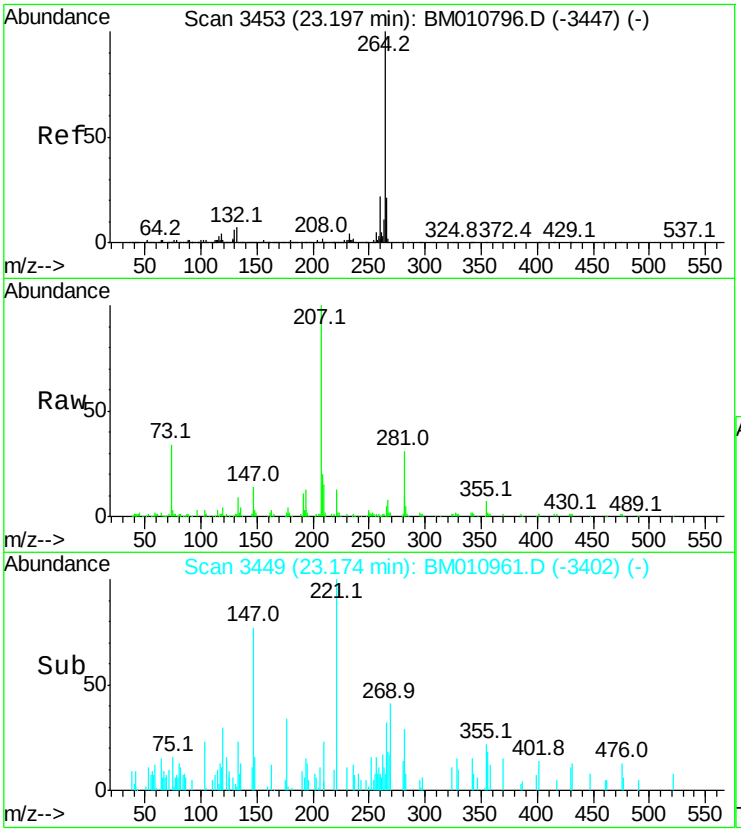


#82
Chrysene
Concen: 4.419 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.03 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:228 Resp: 6615

Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.1	36.1
229	116.4	15.5	23.3#



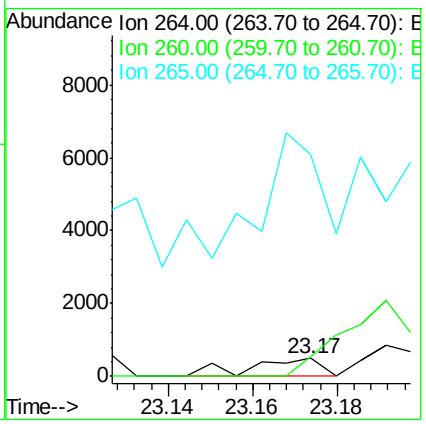


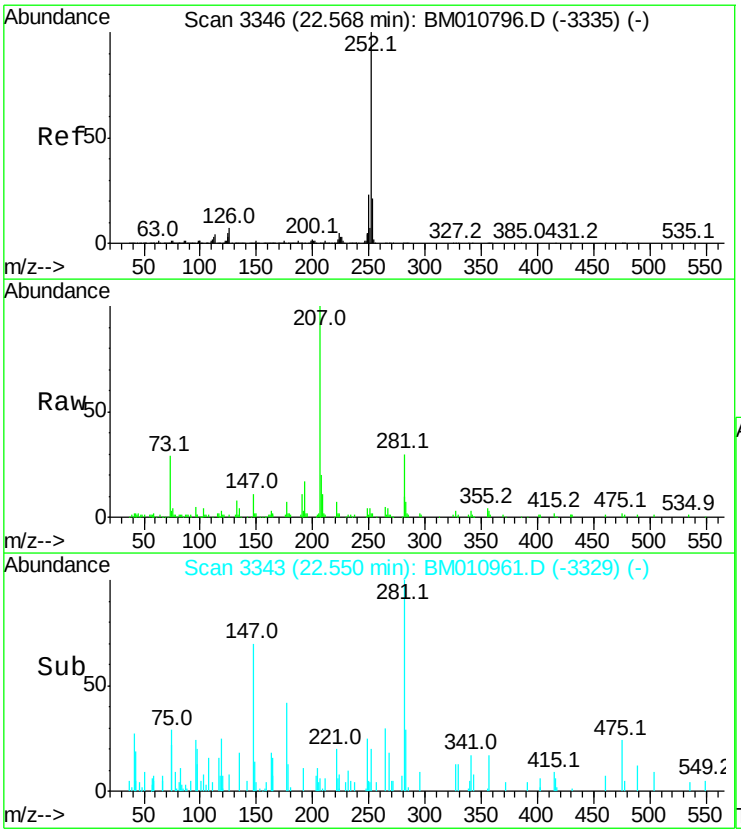
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3449
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 575

Ion	Ratio	Lower	Upper
264	100		
260	106.2	18.6	27.8#
265	1219.0	17.3	25.9#

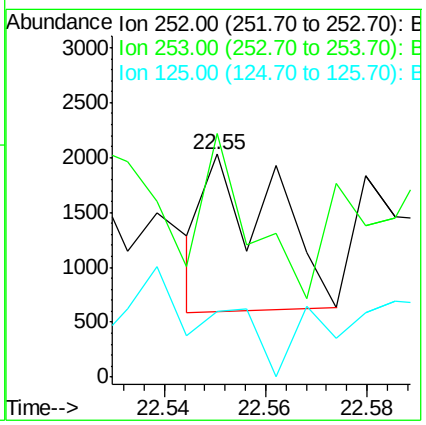


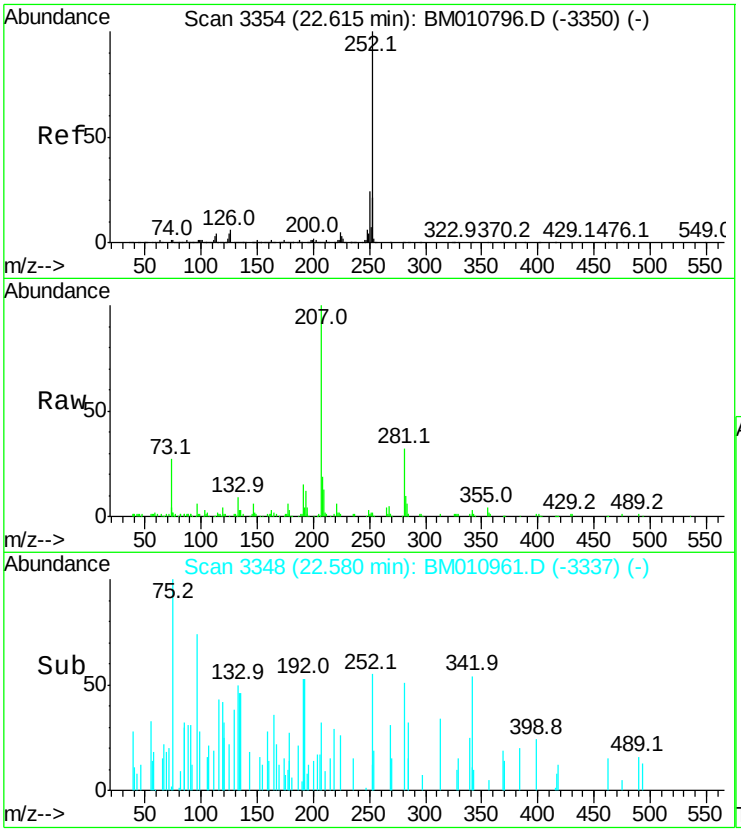


#87
Benzo(b)fluoranthene
Concen: 36.880 ng
RT: 22.55 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:252 Resp: 1347

Ion	Ratio	Lower	Upper
252	100		
253	109.4	18.0	27.0#
125	29.4	9.9	14.9#



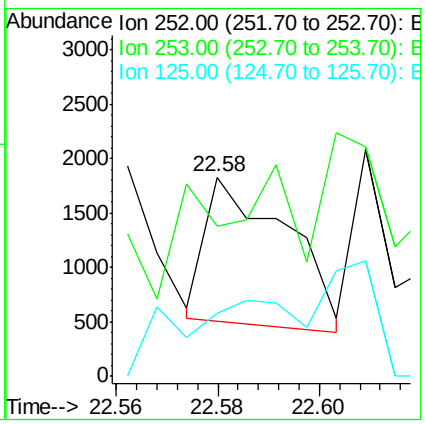


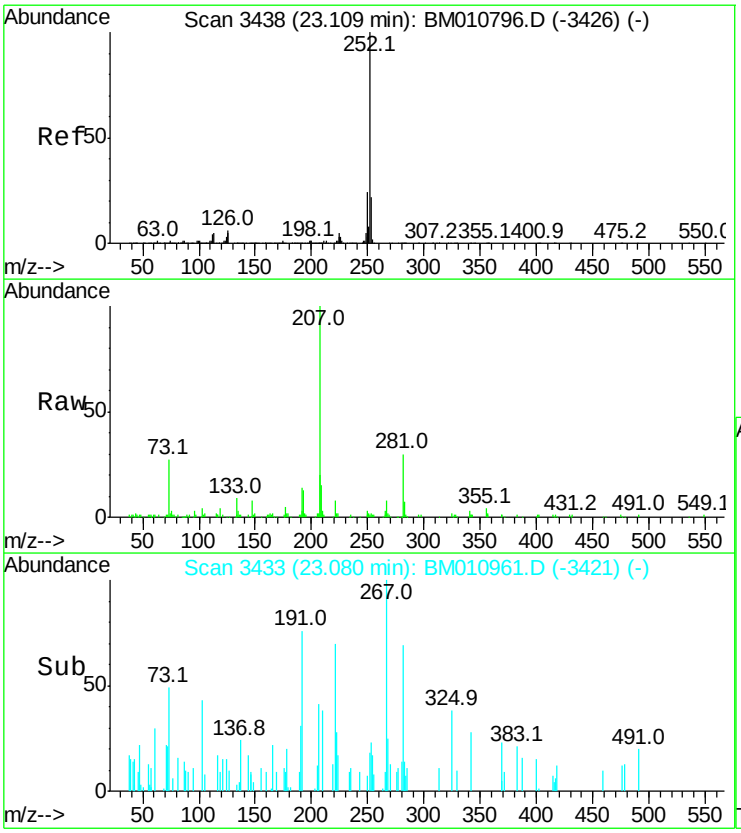
#88
Benzo(k)fluoranthene
Concen: 42.567 ng
RT: 22.58 min Scan# 3348
Delta R.T. -0.04 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1485

Ion	Ratio	Lower	Upper
252	100		
253	75.4	17.2	25.8#
125	31.8	8.1	12.1#

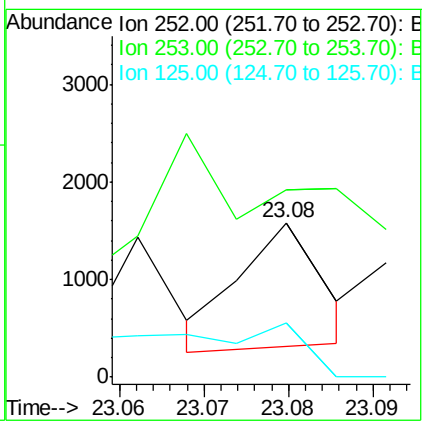


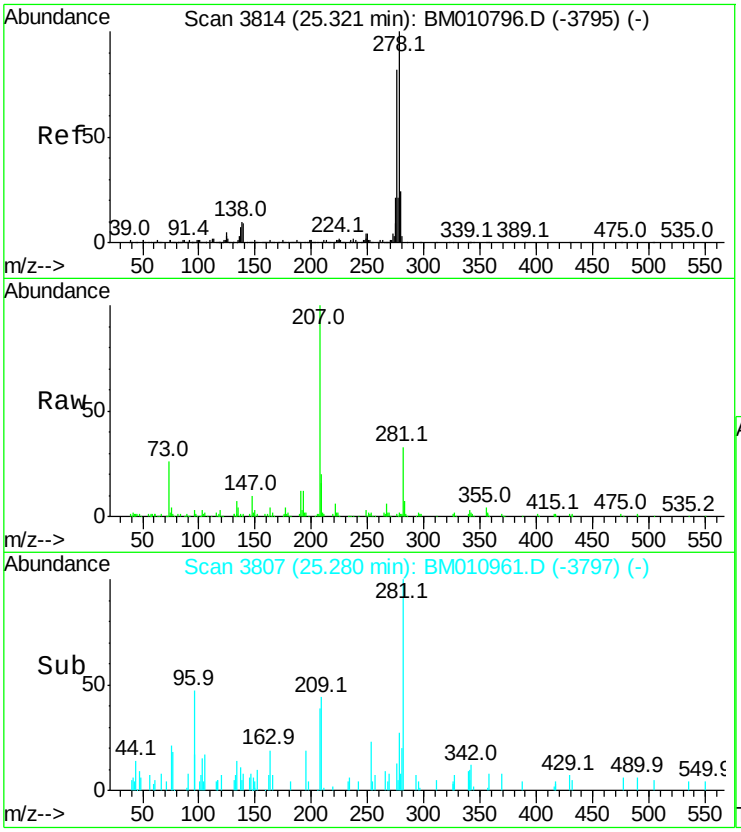


#89
Benzo(a)pyrene
Concen: 26.109 ng
RT: 23.08 min Scan# 3433
Delta R.T. -0.03 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:252 Resp: 868

Ion	Ratio	Lower	Upper
252	100		
253	120.8	17.6	26.4#
125	34.8	7.4	11.2#



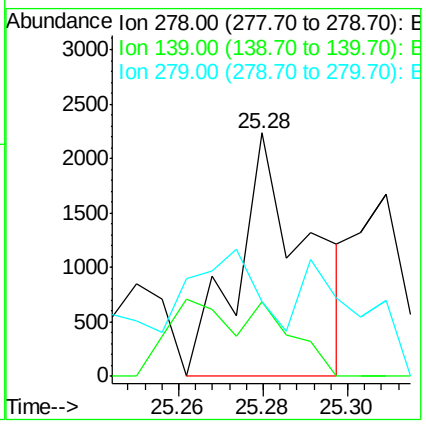


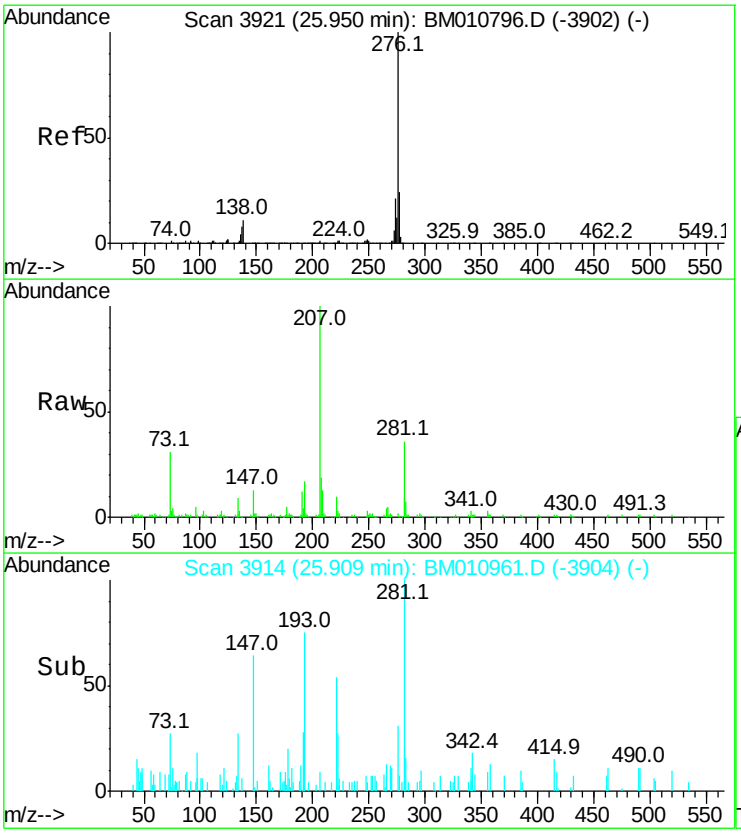
#90
Dibenzo(a,h)anthracene
Concen: 80.205 ng
RT: 25.28 min Scan# 3807
Delta R.T. -0.04 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2588

Ion	Ratio	Lower	Upper
278	100		
139	30.8	13.4	20.0#
279	30.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 96.062 ng
RT: 25.91 min Scan# 3914
Delta R.T. -0.04 min
Lab File: BM010961.D
Acq: 24 Jul 2017 13:17

Tgt Ion:276 Resp: 3047

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	0.0	19.0	28.6#