Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
Data File : BM010950.D
Acq On : 21 Jul 2017 23:48
Operator : SJ/JU
Sample : I4312-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-11978

Quant Time: Jul 22 02:30:23 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	317713	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1196240	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	790913	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1847445	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1507836	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1399295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	2020852	105.36	ng	-0.01
7) Phenol-d6	6.62	99	2492968	94.28	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2358296	75.78	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1436698	118.87	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4632035	72.86	ng	-0.02
78) Terphenyl-d14	19.49	244	6237217	80.00	ng	-0.02
Target Compounds						Qvalue

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

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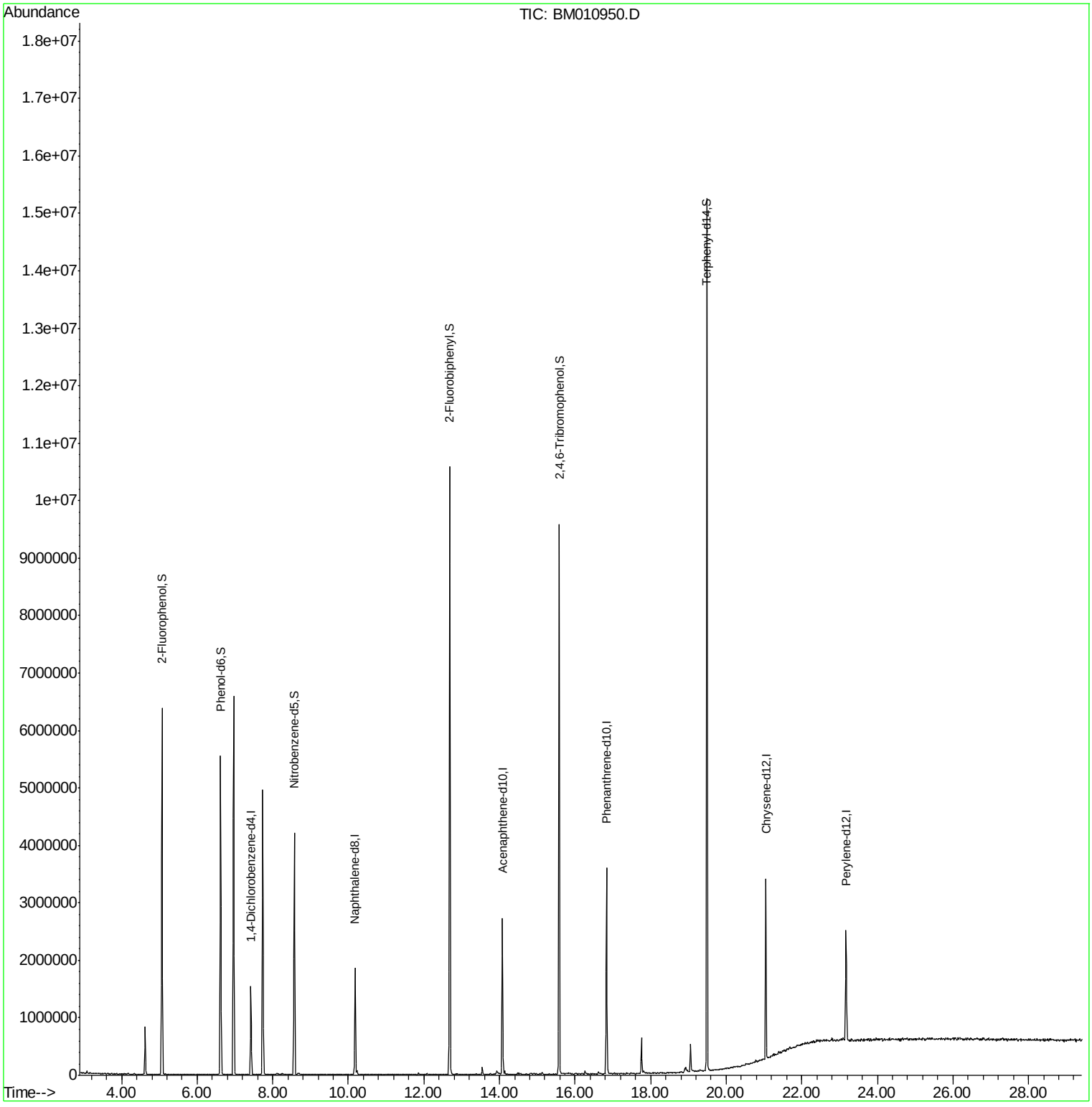
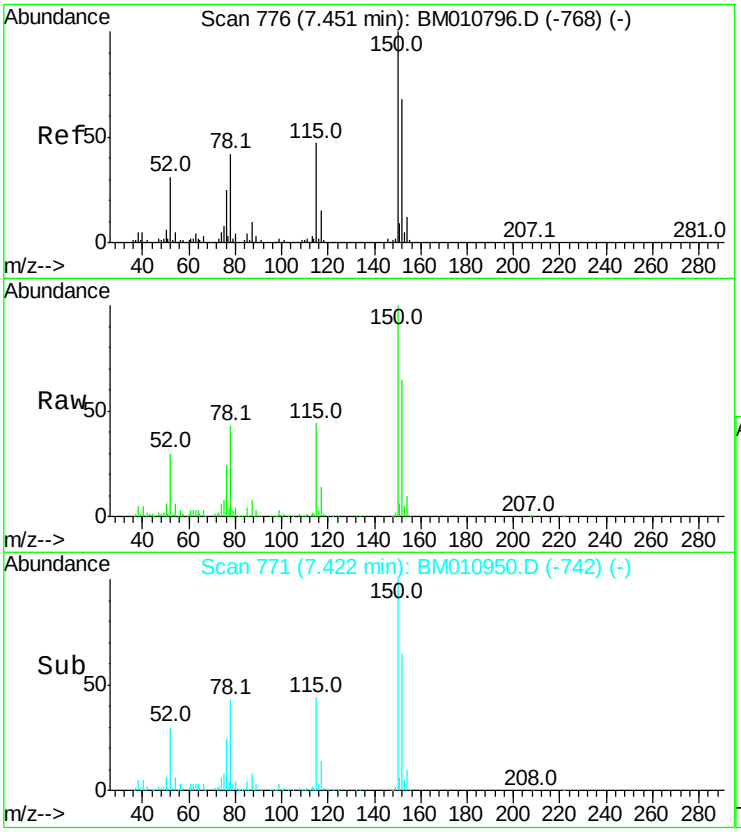


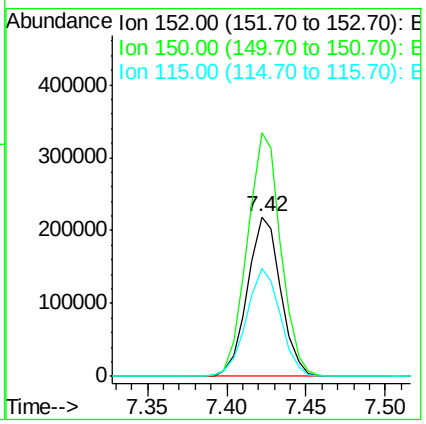


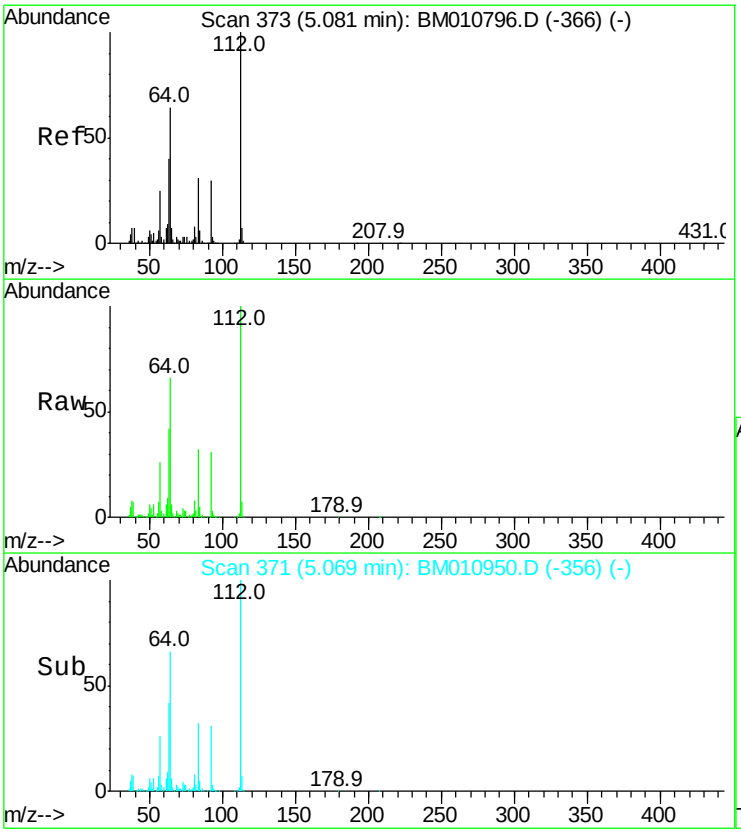
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
72-11978

Tgt Ion:152 Resp: 317713

Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.5	179.3
115	68.0	43.0	64.4#

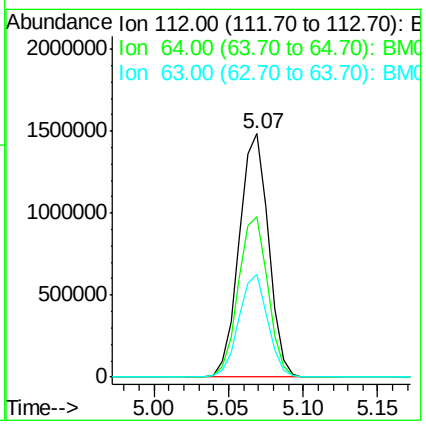


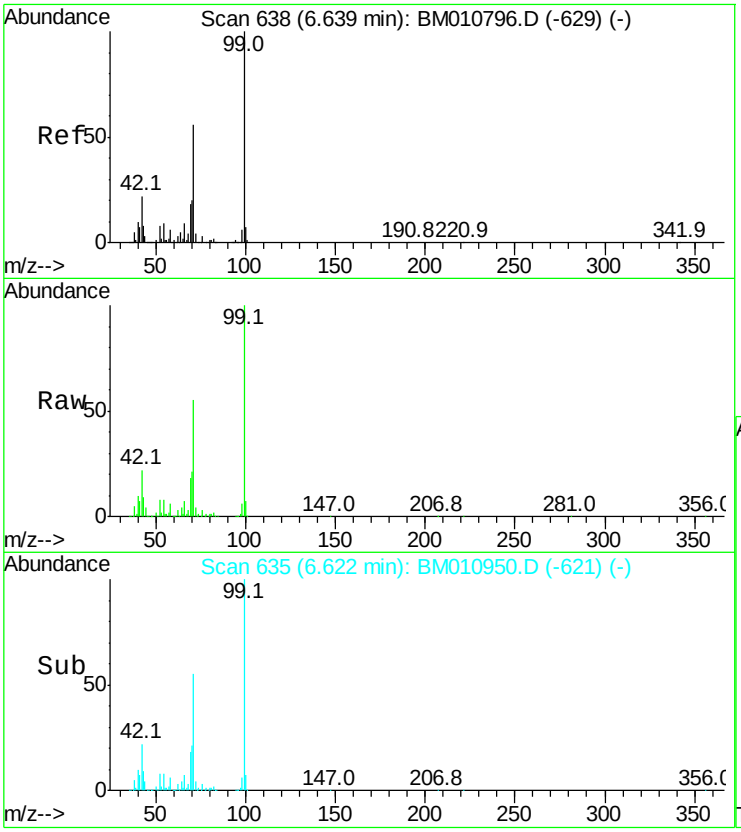


#5
2-Fluorophenol
Concen: 105.363 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:112 Resp: 2020852

Ion	Ratio	Lower	Upper
112	100		
64	66.1	38.6	57.8#
63	42.3	19.3	28.9#



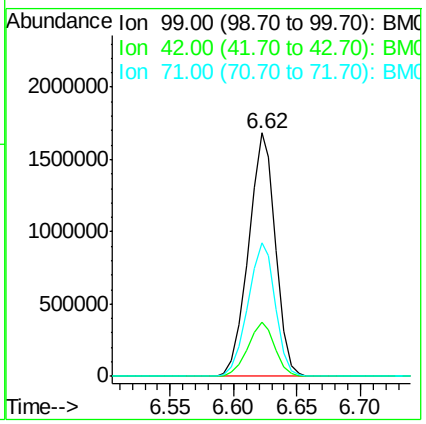


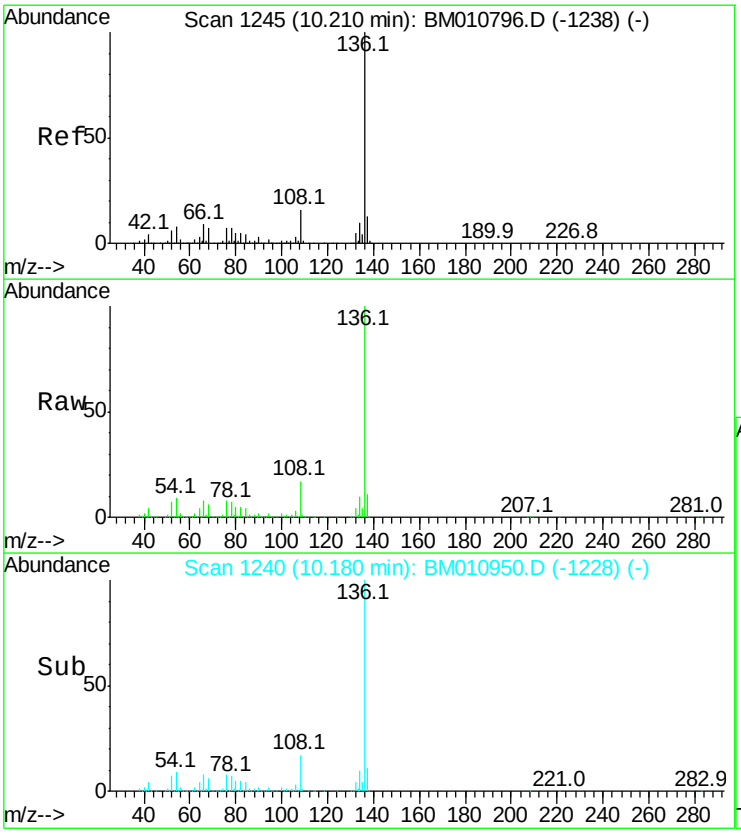
#7
Phenol-d6
Concen: 94.284 ng
RT: 6.62 min Scan# 635
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
72-11978

Tgt Ion: 99 Resp: 2492968

Ion	Ratio	Lower	Upper
99	100		
42	22.1	11.0	16.4#
71	54.7	23.4	35.2#

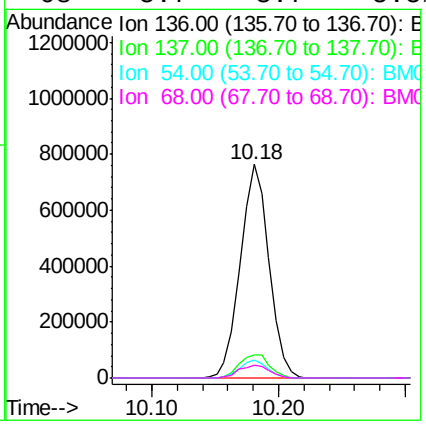


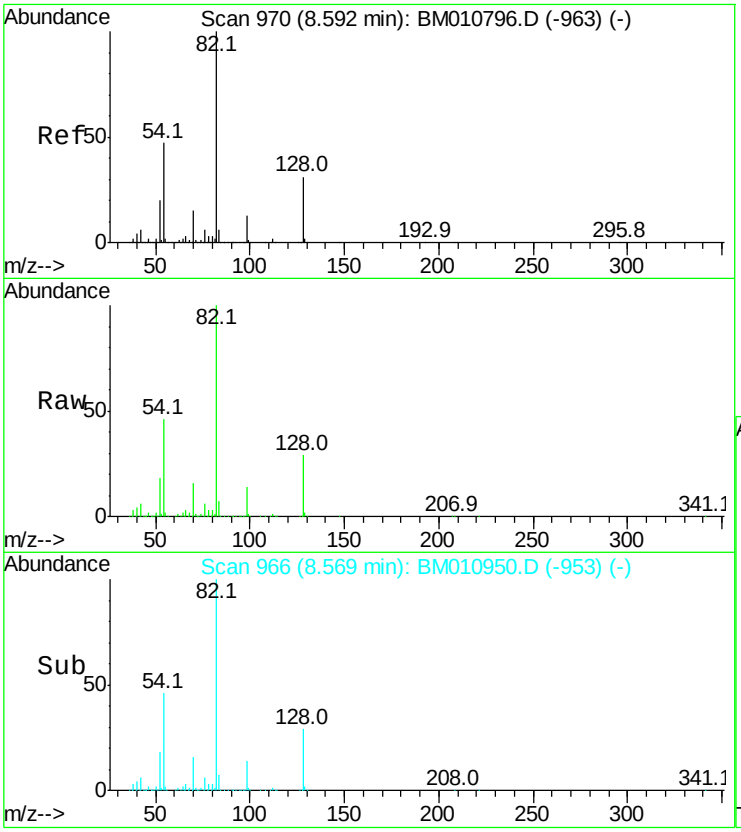


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.03 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:136 Resp: 1196240

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.6	4.6	6.8#
68	5.7	3.7	5.5#



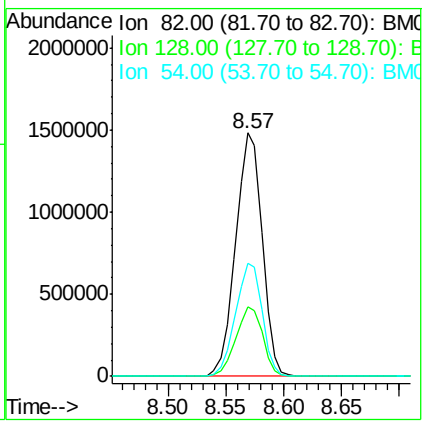


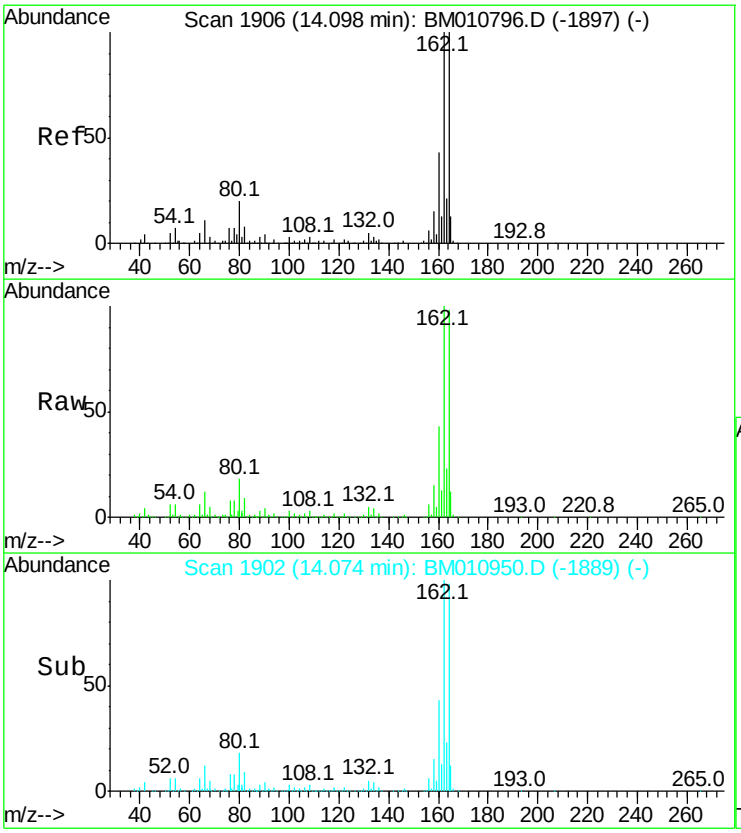
#23
Nitrobenzene-d5
Concen: 75.777 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
72-11978

Tgt Ion: 82 Resp: 2358296

Ion	Ratio	Lower	Upper
82	100		
128	28.7	32.8	49.2#
54	46.4	40.6	60.8

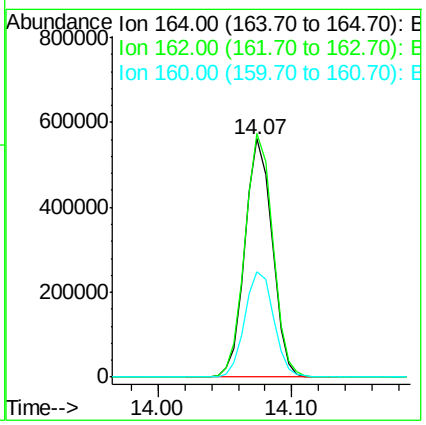


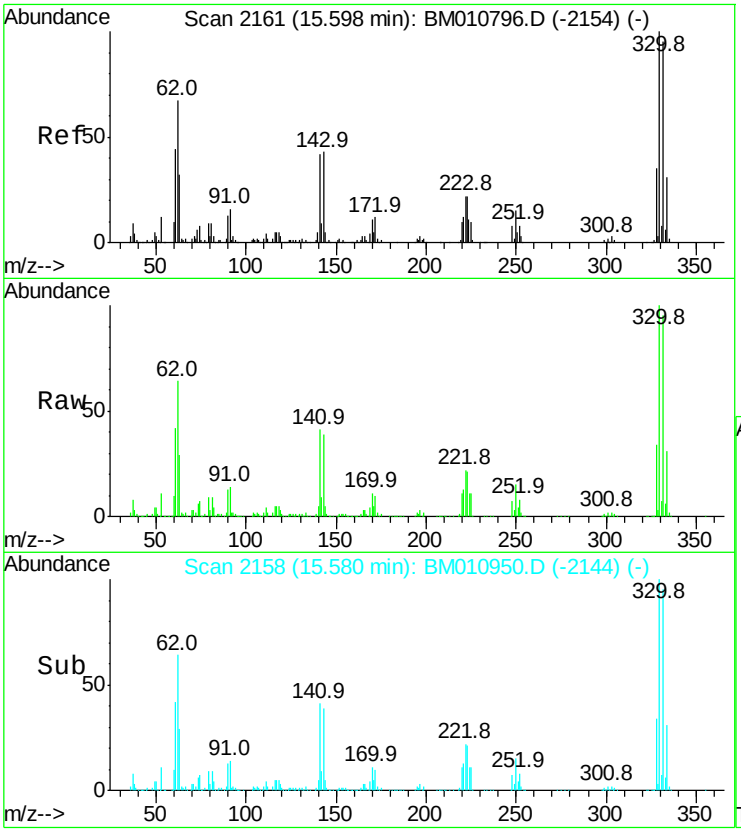


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:164 Resp: 790913

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	44.3	35.8	53.6



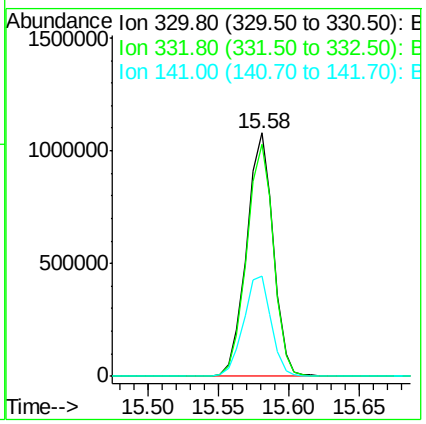


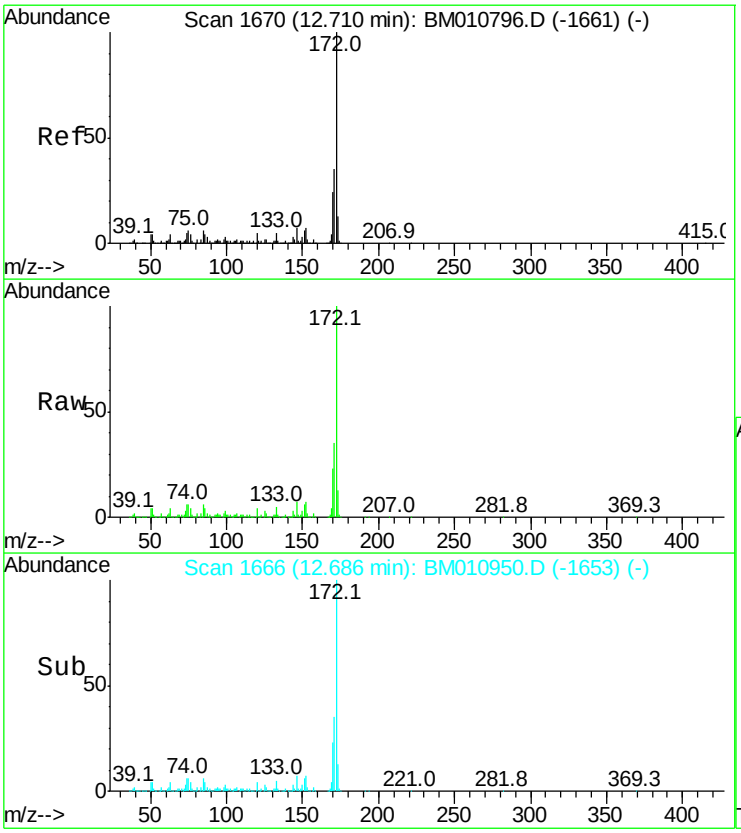
#41
2,4,6-Tribromophenol
Concen: 118.867 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
72-11978

Tgt Ion:330 Resp: 1436698

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	42.3	0.0	0.0#

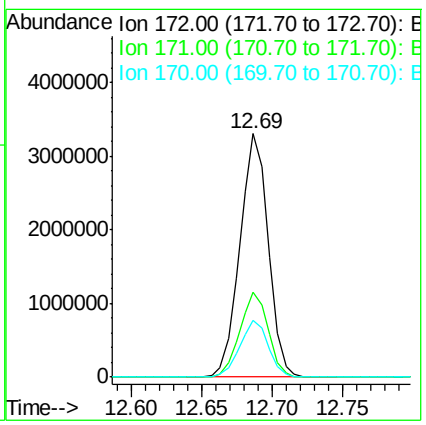


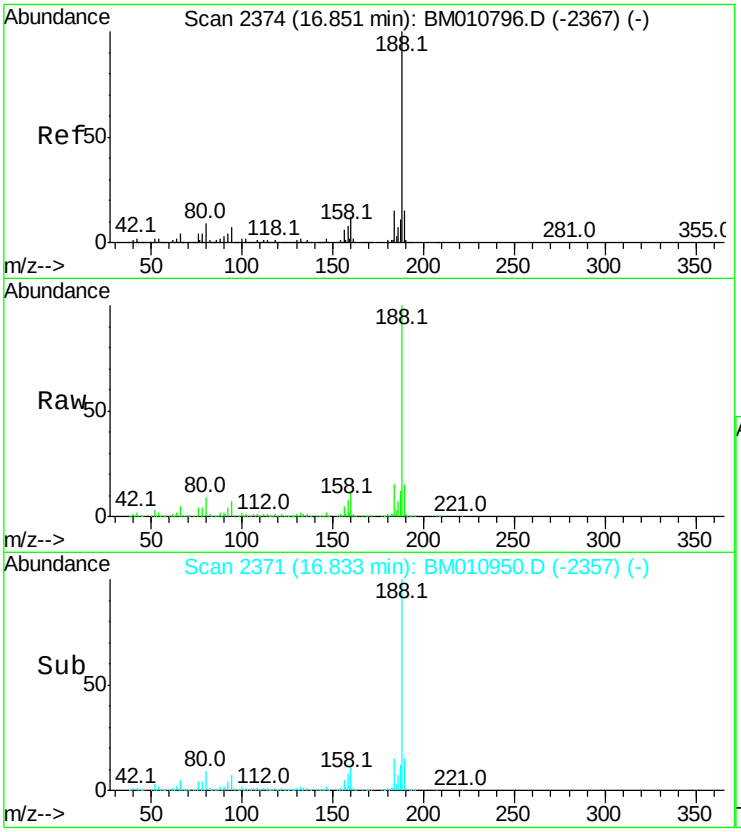


#44
2-Fluorobiphenyl
Concen: 72.857 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:172 Resp: 4632035

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.5	18.8	28.2



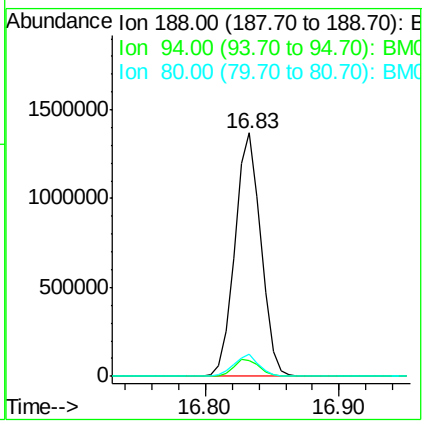


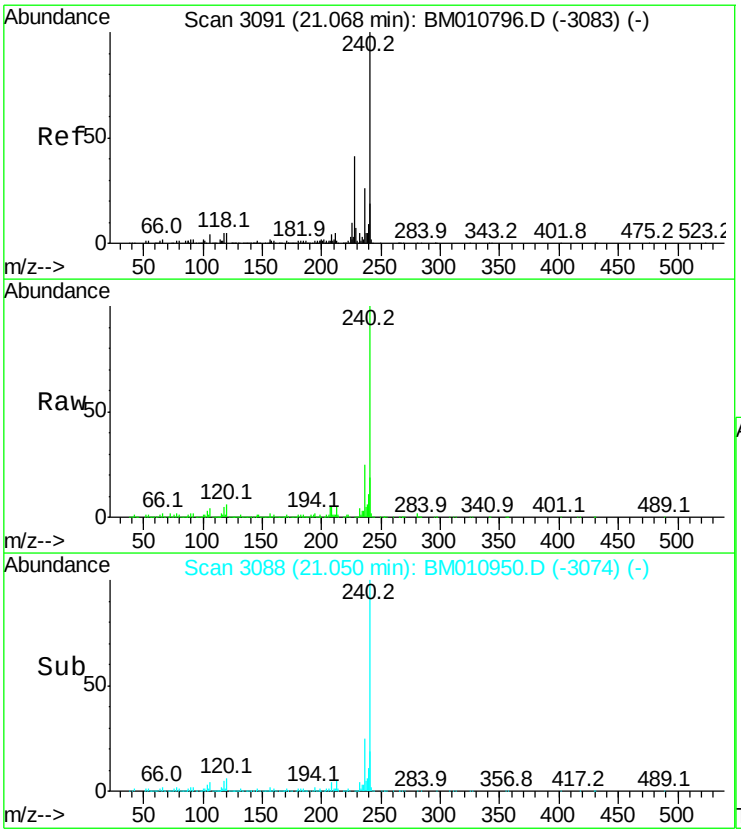
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
72-11978

Tgt Ion:188 Resp: 1847445

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	9.1	9.3	13.9#

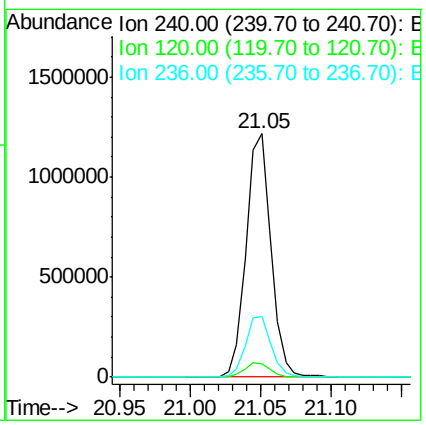


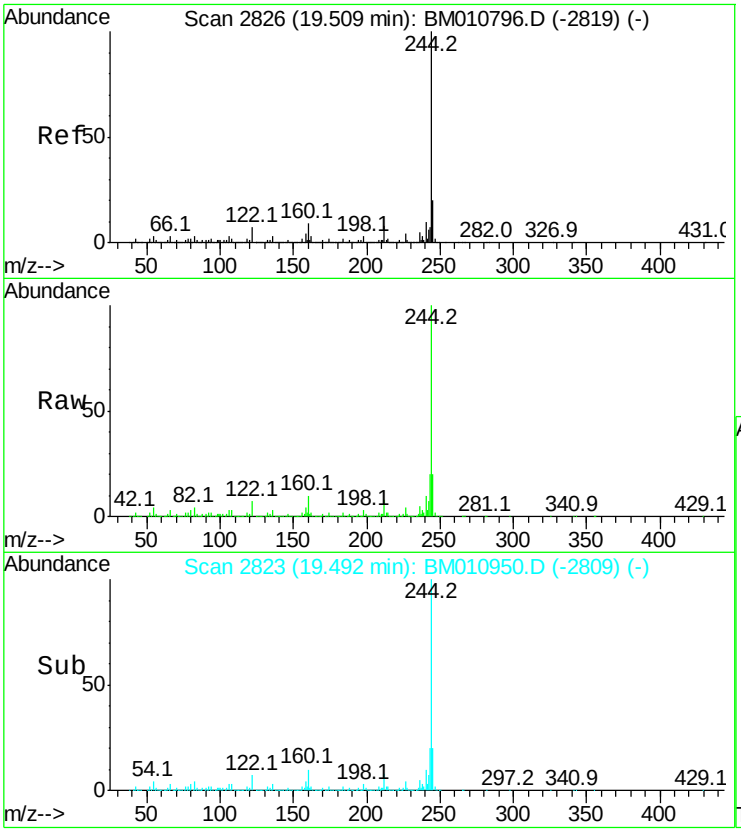


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:240 Resp: 1507836

Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	25.0	20.0	30.0



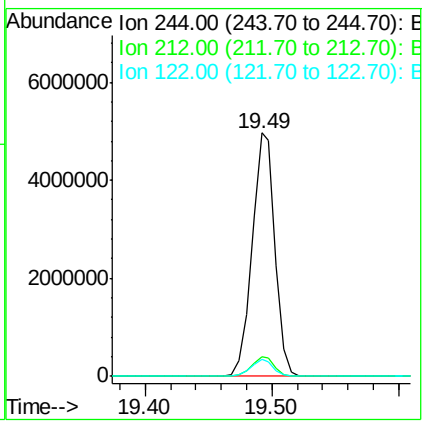


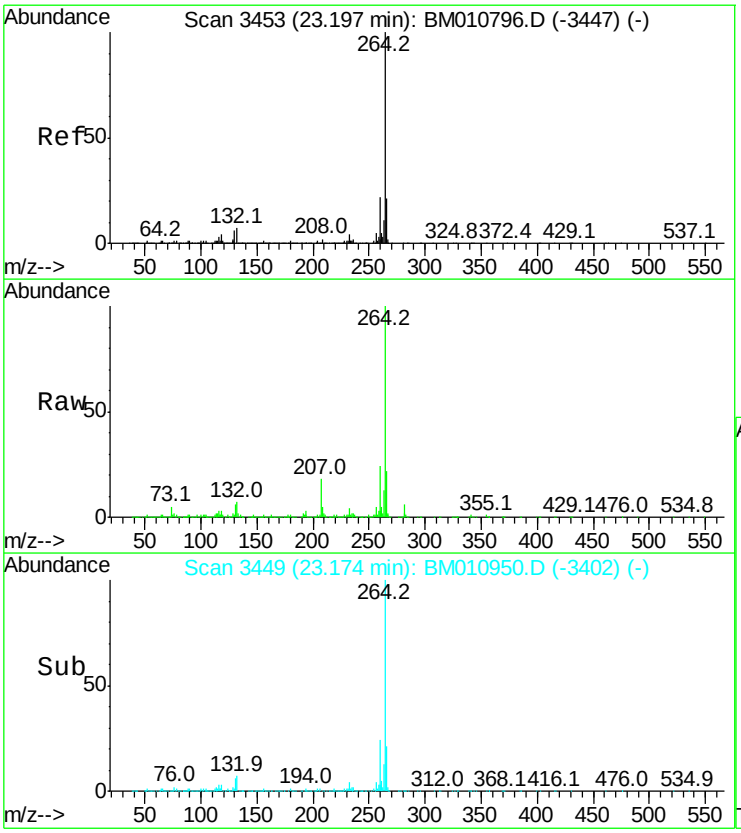
#78
Terphenyl-d14
Concen: 80.005 ng
RT: 19.49 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
72-11978

Tgt Ion:244 Resp: 6237217

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	7.0	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3449
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:264 Resp: 1399295

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.9	17.3	25.9