Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010872.D
Acq On : 18 Jul 2017 13:43
Operator : SJ/JU
Sample : I4203-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NB-SB02B

Quant Time: Jul 18 16:04:07 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	7.45	152	193572	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	680466	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	253774	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	825188	20.00	ng	0.00
75) Chrysene-d12	21.06	240	565449	20.00	ng	0.00
86) Perylene-d12	23.20	264	25717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1513419	129.51	ng	0.00
7) Phenol-d6	6.64	99	1482968	92.05	ng	0.00
23) Nitrobenzene-d5	8.59	82	1678814	94.83	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	823205	212.27	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3057181	149.87	ng	0.00
78) Terphenyl-d14	19.50	244	3748311	128.21	ng	0.00
Target Compounds						Qvalue

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

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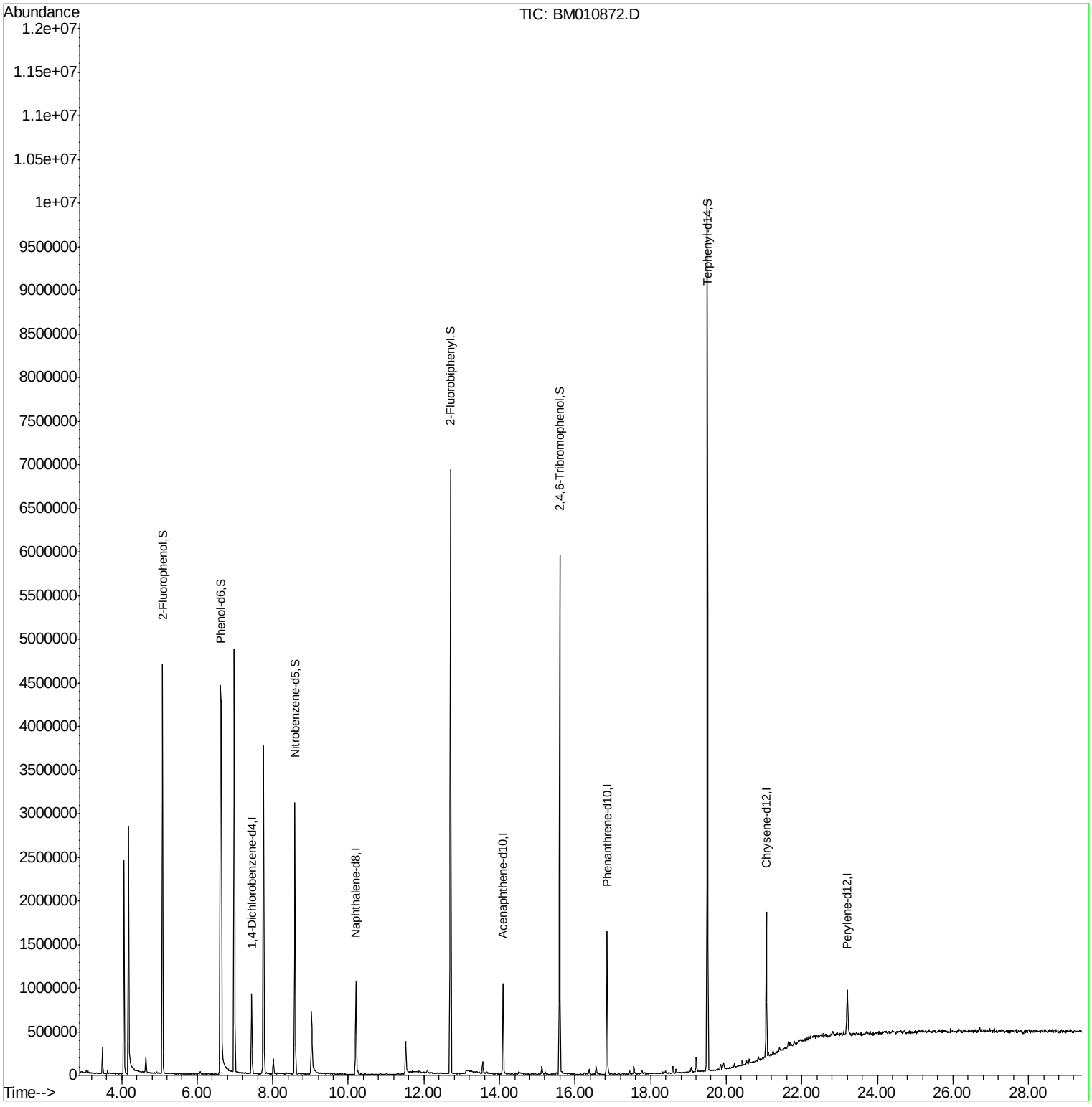
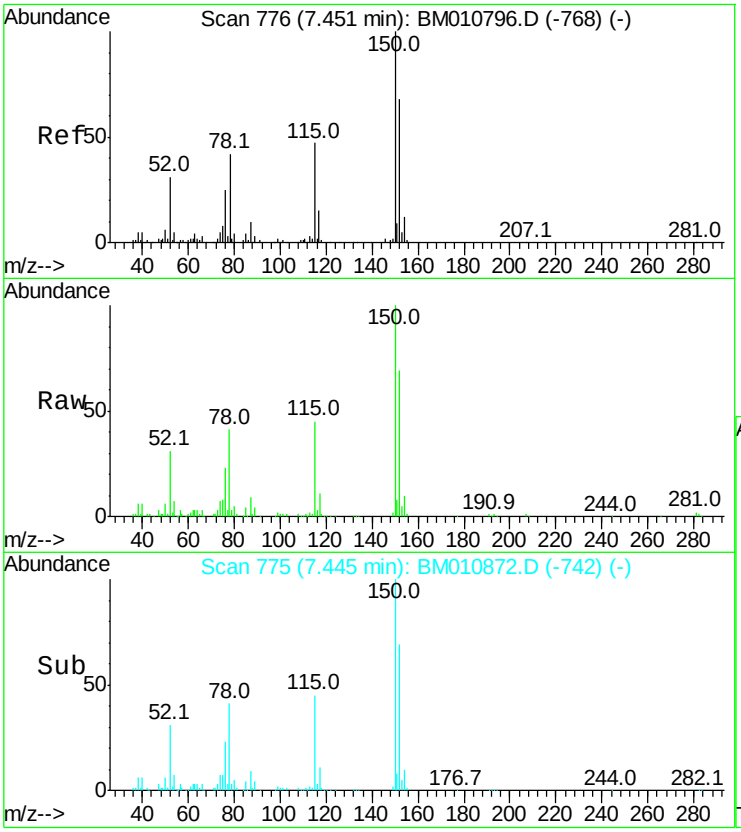


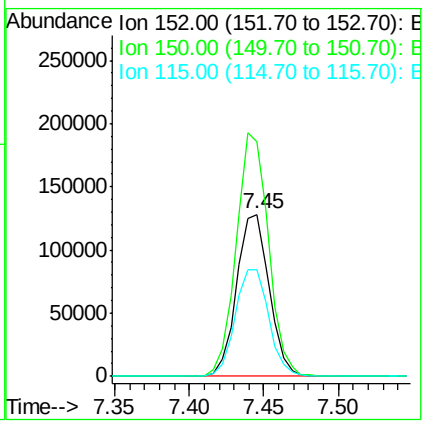


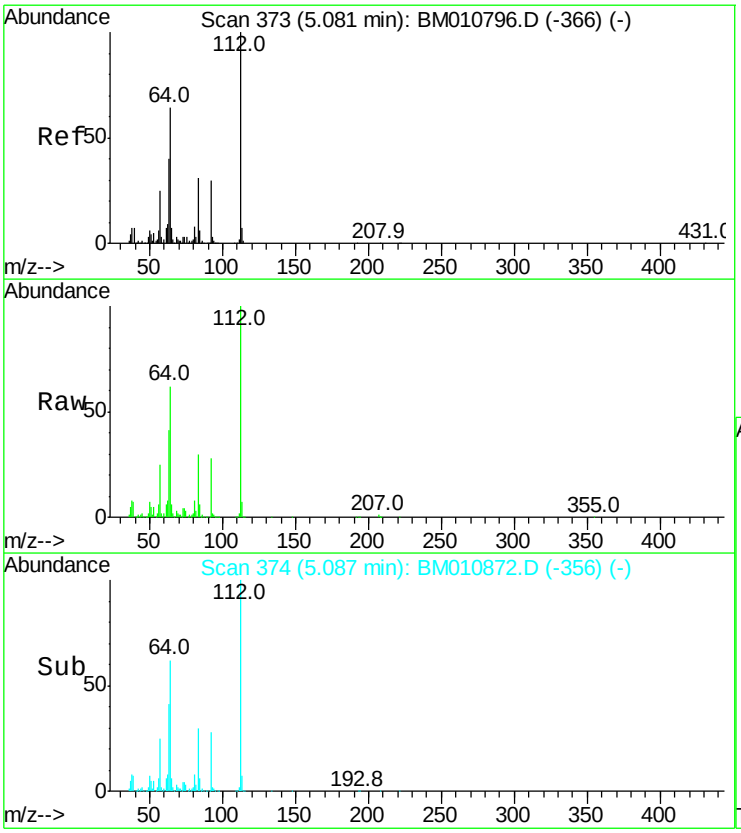
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampleId :
NB-SB02B

Tgt Ion:152 Resp: 193572

Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	66.0	43.0	64.4#

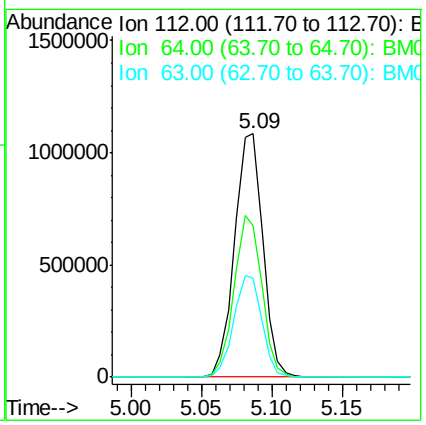


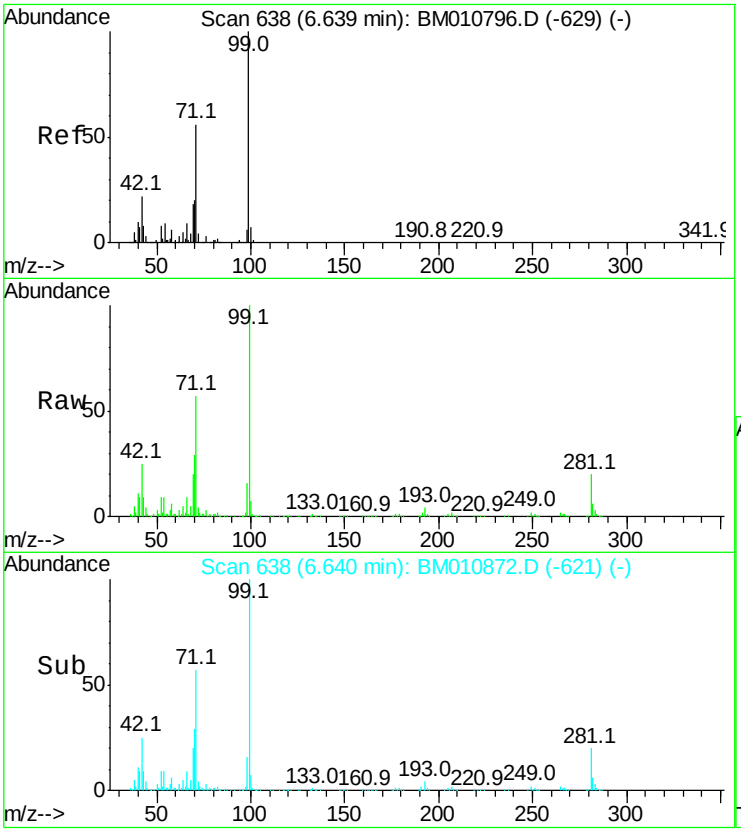


#5
2-Fluorophenol
Concen: 129.511 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion:112 Resp: 1513419

Ion	Ratio	Lower	Upper
112	100		
64	62.1	38.6	57.8#
63	40.9	19.3	28.9#



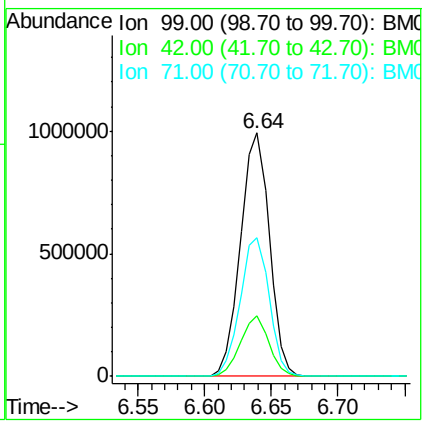


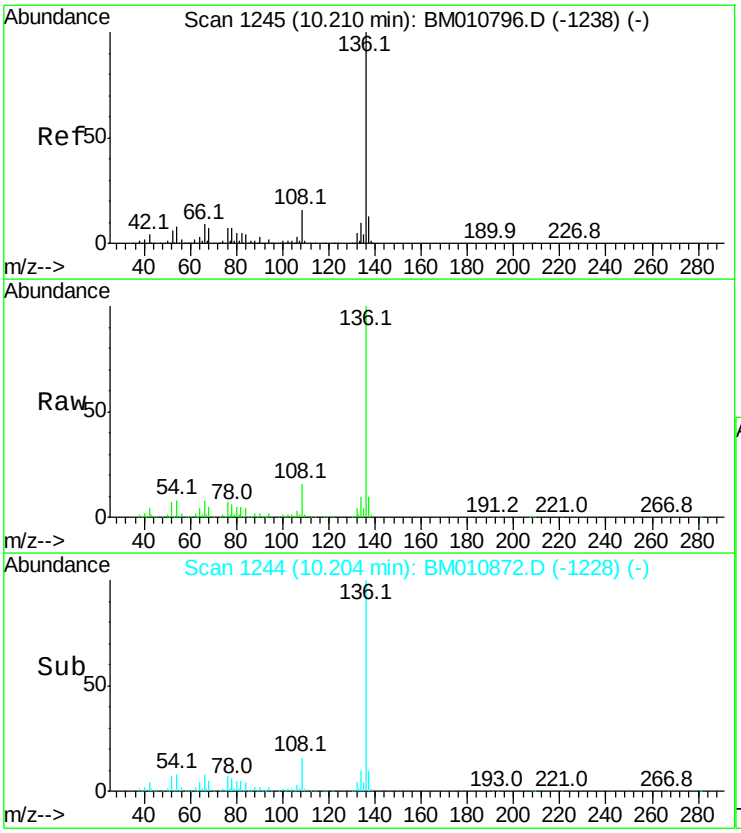
#7
Phenol-d6
Concen: 92.054 ng
RT: 6.64 min Scan# 638
Delta R.T. 0.00 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampleId :
NB-SB02B

Tgt Ion: 99 Resp: 1482968

Ion	Ratio	Lower	Upper
99	100		
42	25.0	11.0	16.4#
71	56.9	23.4	35.2#

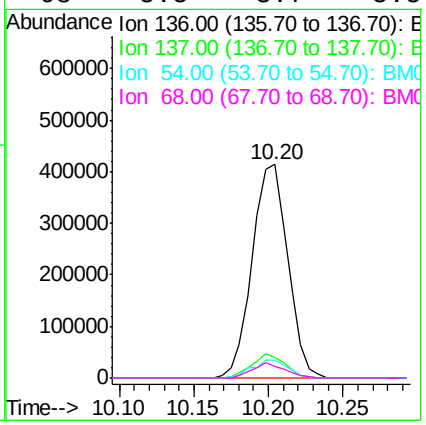


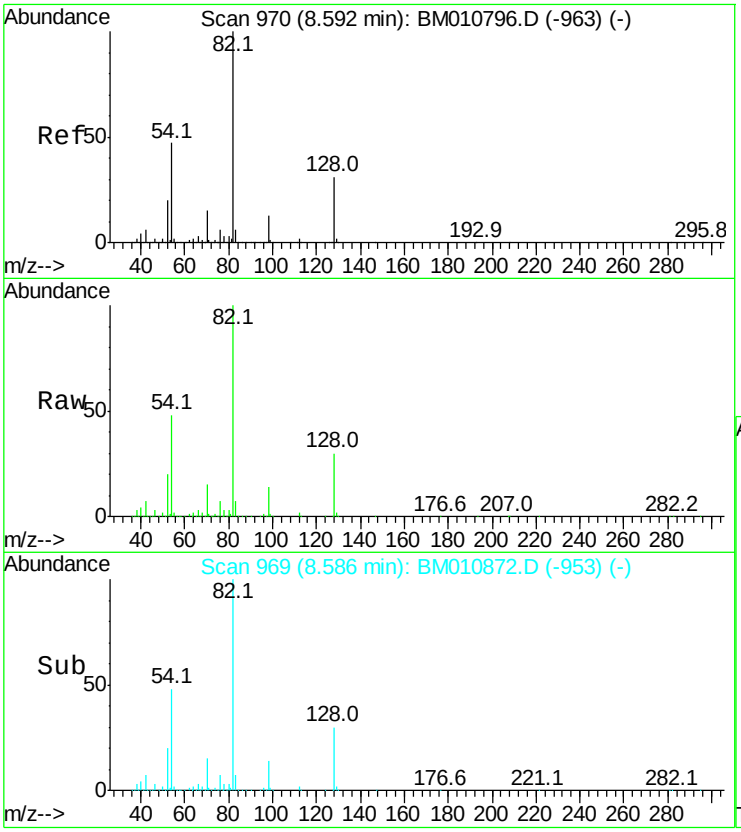


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion:136 Resp: 680466

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	8.3	4.6	6.8#
68	5.5	3.7	5.5



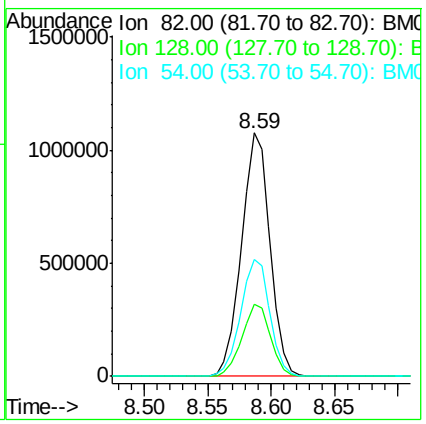


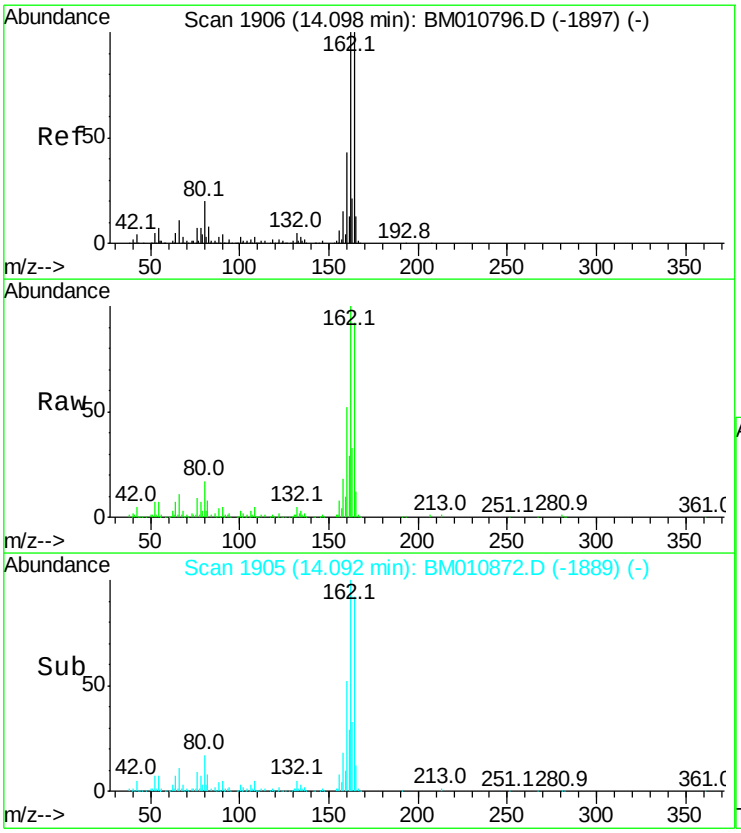
#23
Nitrobenzene-d5
Concen: 94.831 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampleId :
NB-SB02B

Tgt Ion: 82 Resp: 1678814

Ion	Ratio	Lower	Upper
82	100		
128	29.6	32.8	49.2#
54	47.9	40.6	60.8

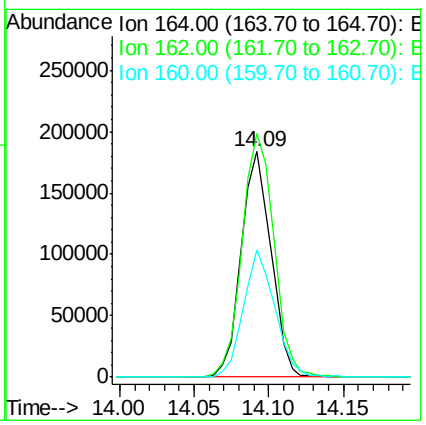


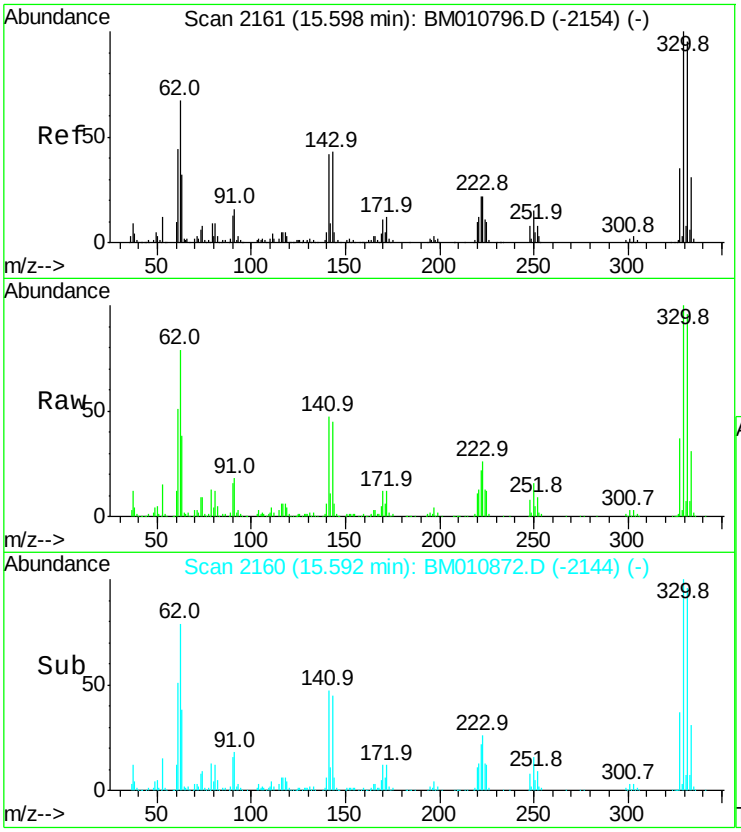


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion:164 Resp: 253774

Ion	Ratio	Lower	Upper
164	100		
162	108.1	82.4	123.6
160	56.7	35.8	53.6#



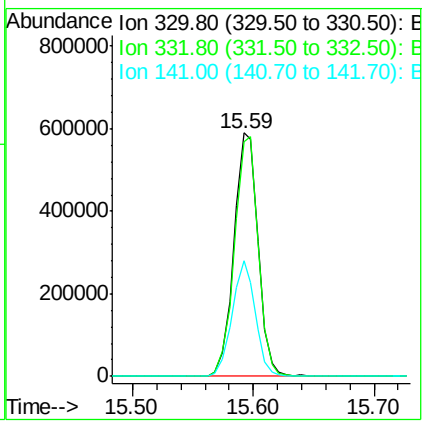


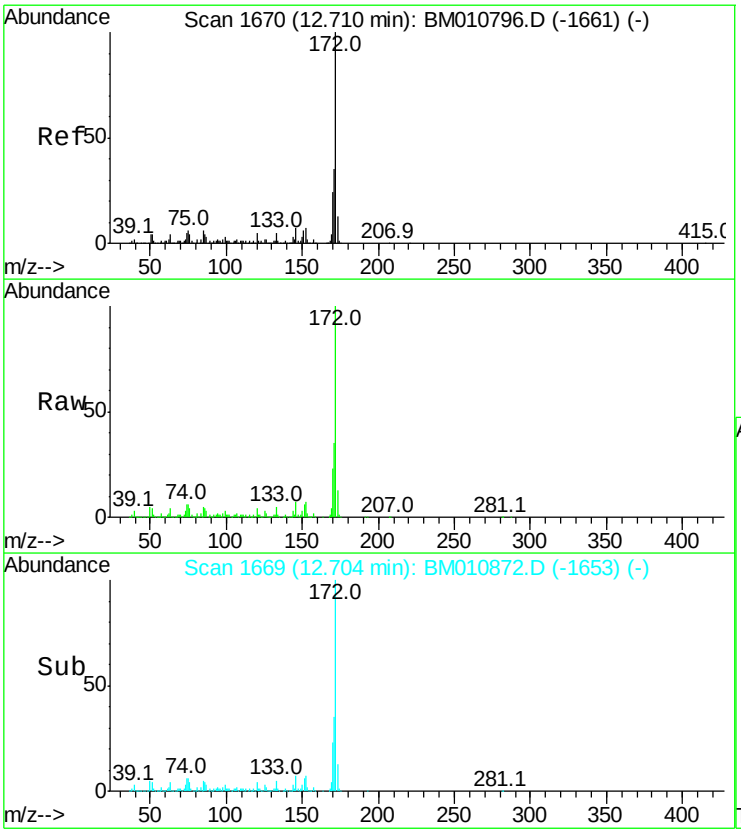
#41
2,4,6-Tribromophenol
Concen: 212.268 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampleId :
NB-SB02B

Tgt Ion:330 Resp: 823205

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	45.4	0.0	0.0#

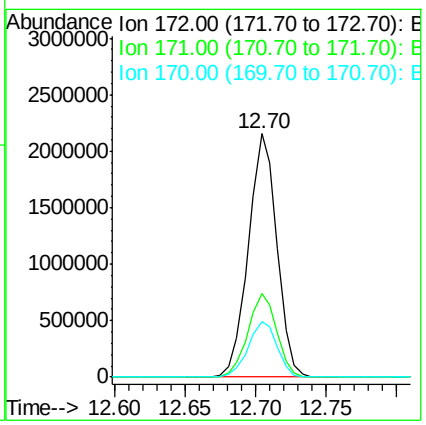


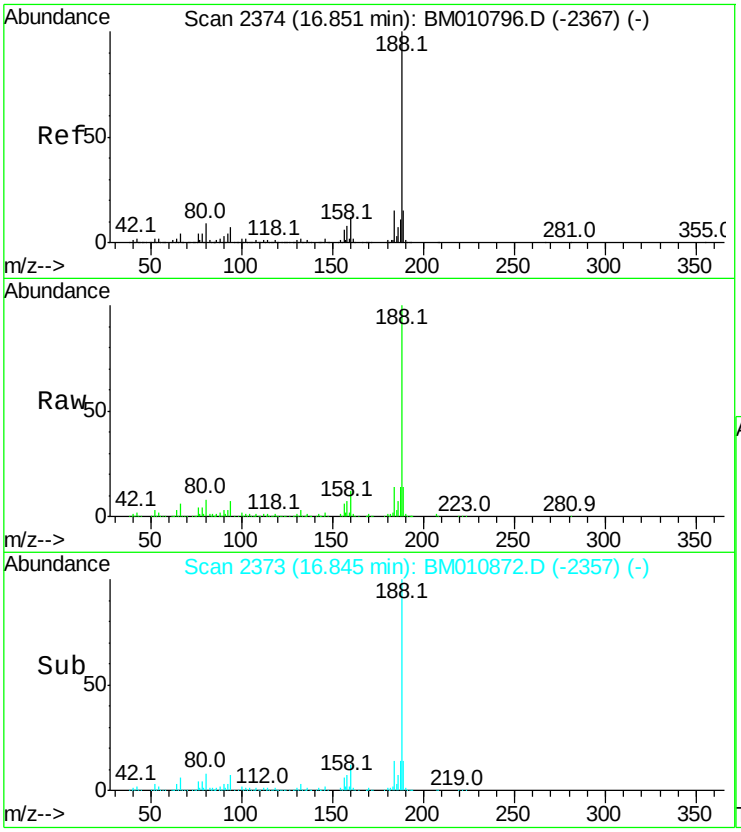


#44
2-Fluorobiphenyl
Concen: 149.866 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion:172 Resp: 3057181

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.9	18.8	28.2



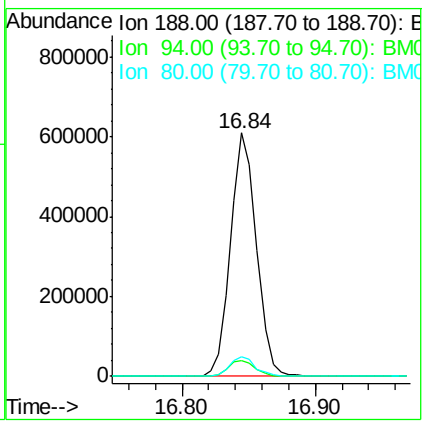


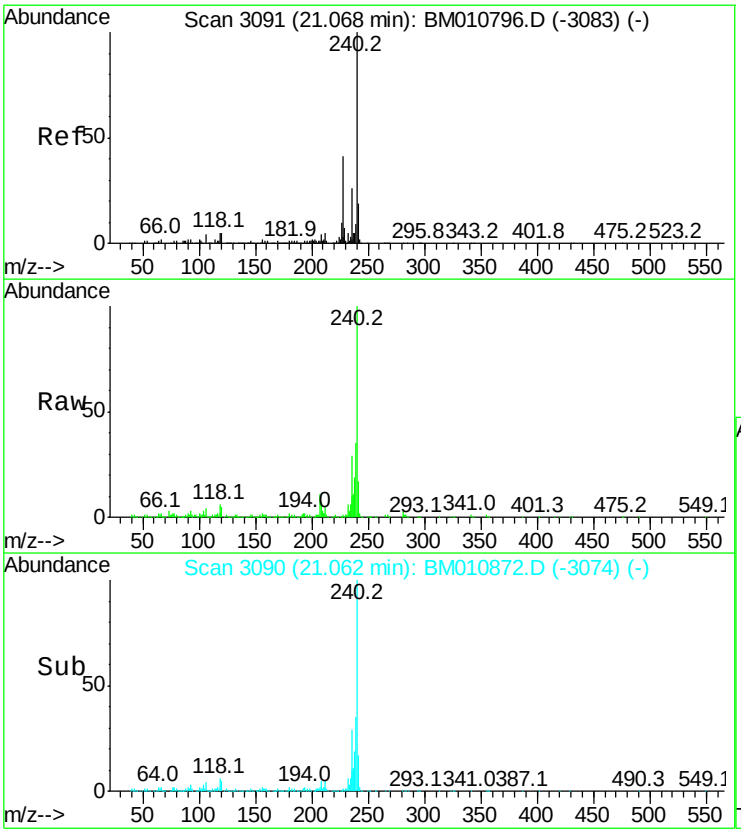
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampleId :
NB-SB02B

Tgt Ion:188 Resp: 825188

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.0	9.3	13.9#

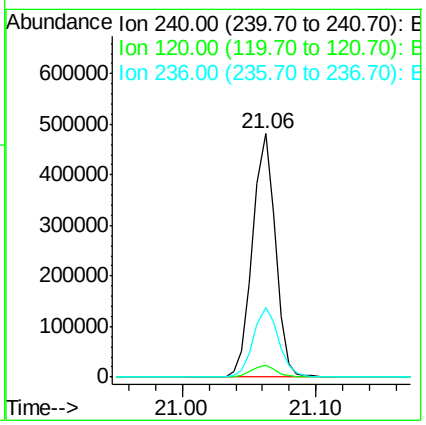


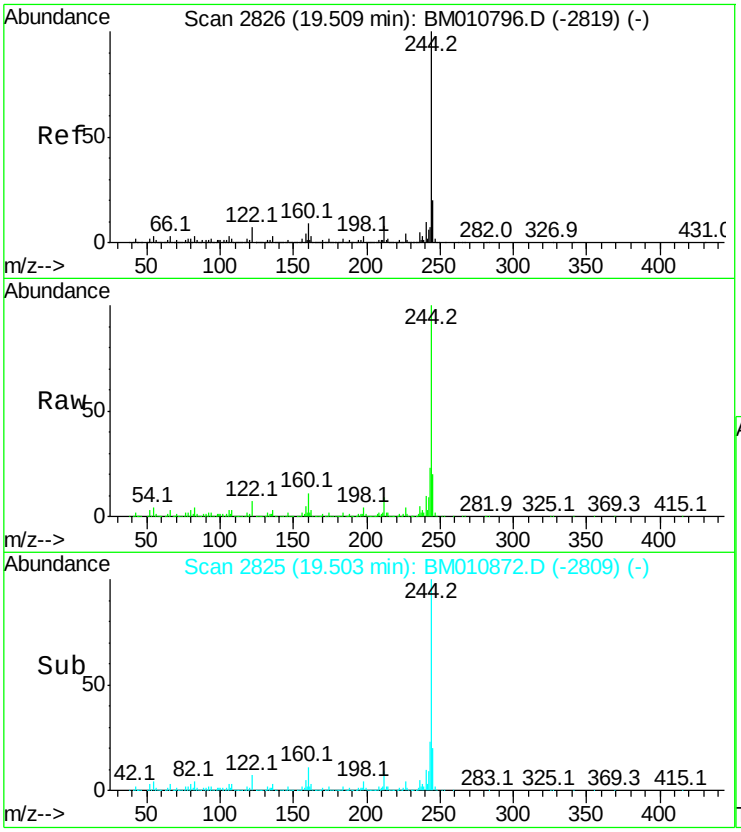


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion:240 Resp: 565449

Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	28.6	20.0	30.0



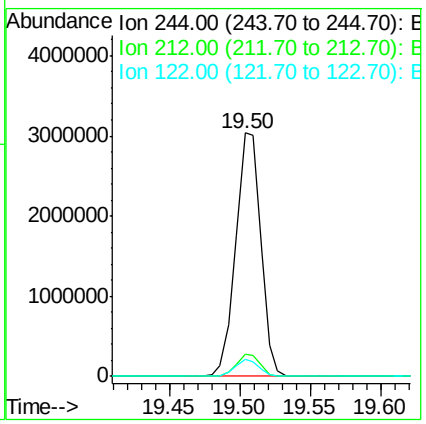


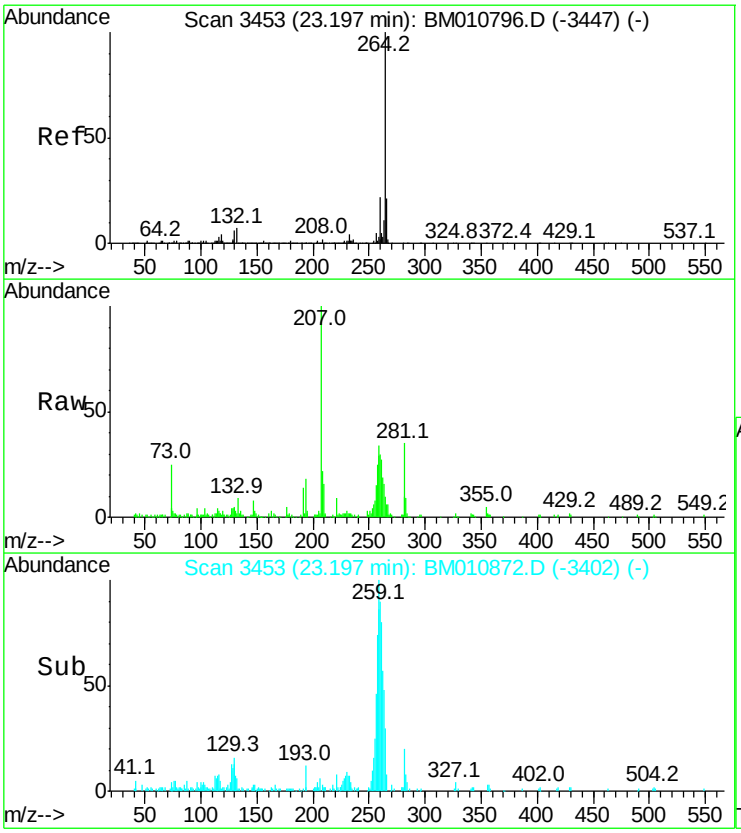
#78
Terphenyl-d14
Concen: 128.210 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Instrument :
BNA_M
ClientSampleId :
NB-SB02B

Tgt Ion:244 Resp: 3748311

Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	7.1	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM010872.D
Acq: 18 Jul 2017 13:43

Tgt Ion:264 Resp: 25717

Ion	Ratio	Lower	Upper
264	100		
260	300.9	18.6	27.8#
265	54.5	17.3	25.9#