Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
Data File : BM014223.D
Acq On : 13 Feb 2018 16:21
Operator : SJ/JU
Sample : J1518-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PMW-2

Quant Time: Feb 14 04:44:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	91907	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	387246	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	258029	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	623353	20.00	ng	0.00
75) Chrysene-d12	21.16	240	697230	20.00	ng	-0.01
86) Perylene-d12	23.33	264	582843	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	341469	64.76	ng	0.00
7) Phenol-d6	6.73	99	271968	36.42	ng	0.00
23) Nitrobenzene-d5	8.70	82	916949	105.77	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	521750	142.50	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2037755	98.58	ng	0.00
78) Terphenyl-d14	19.60	244	3958815	110.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.76	94	22431	3.043	ng	87

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

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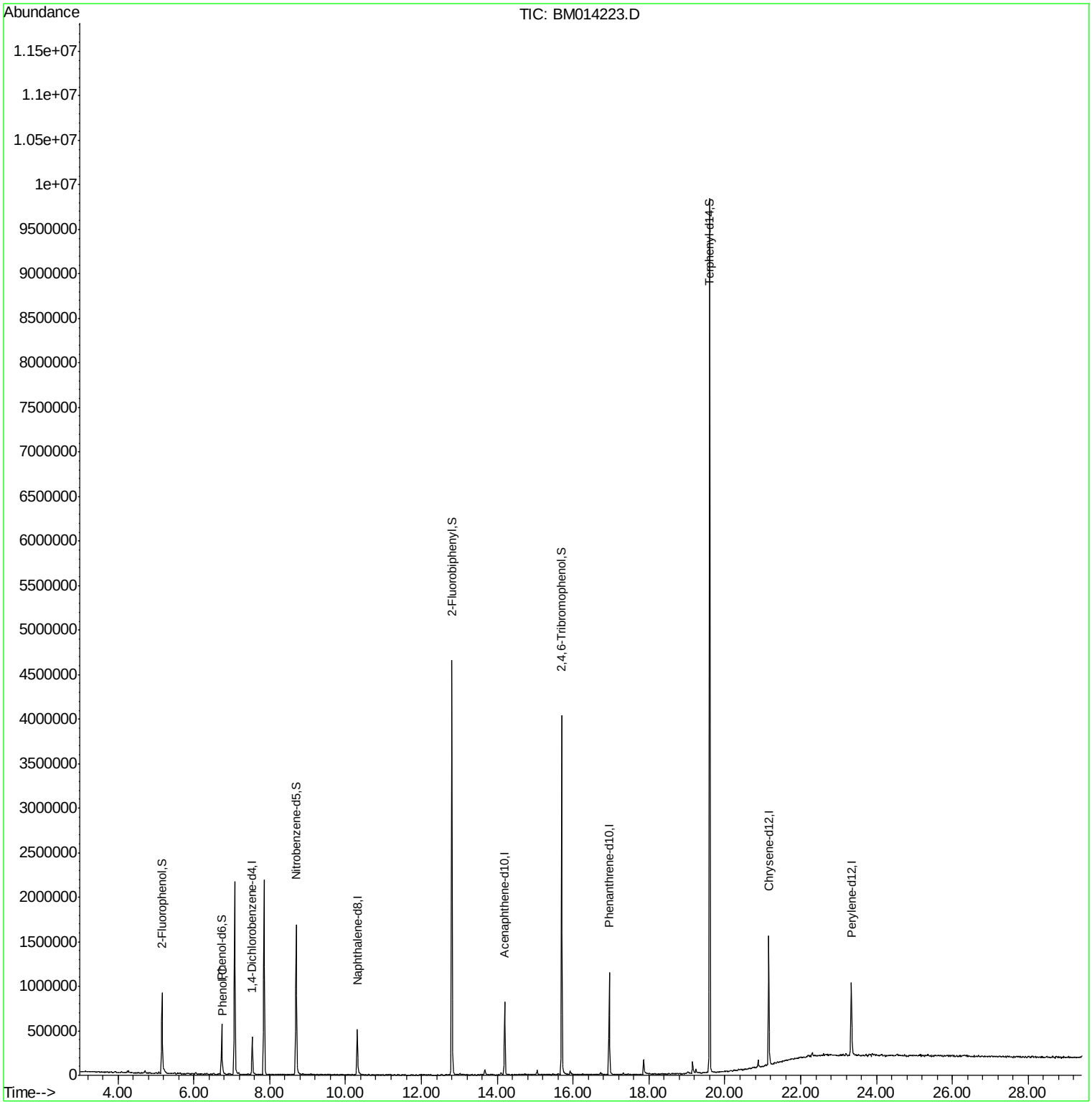
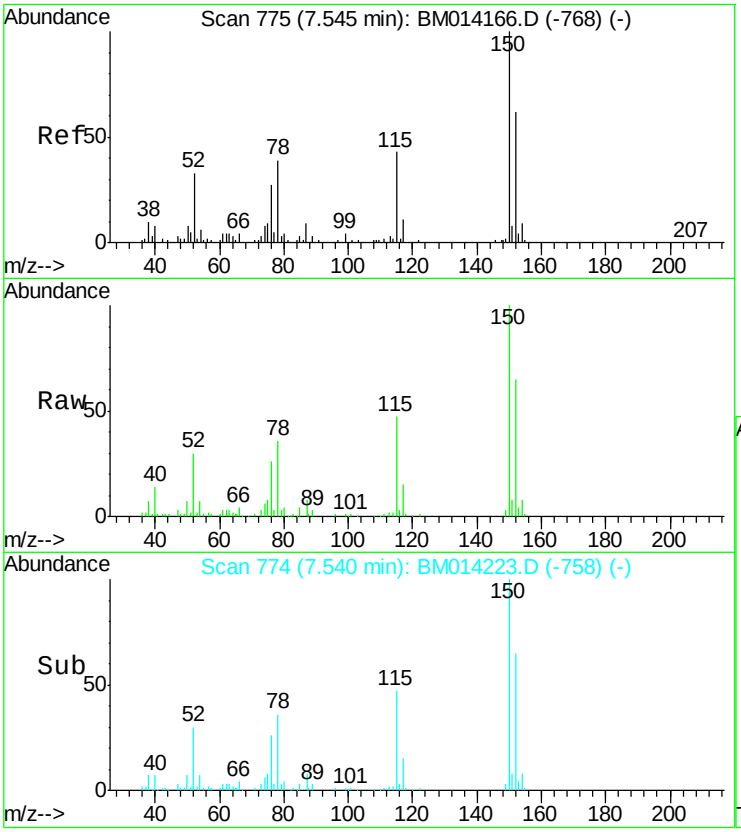


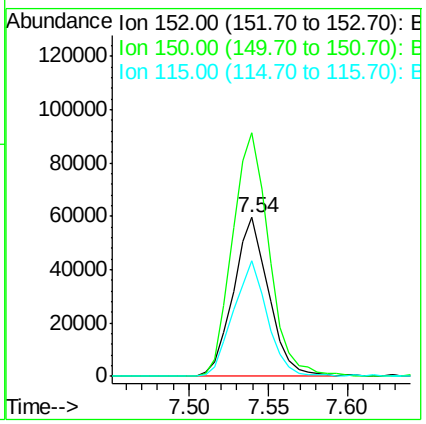


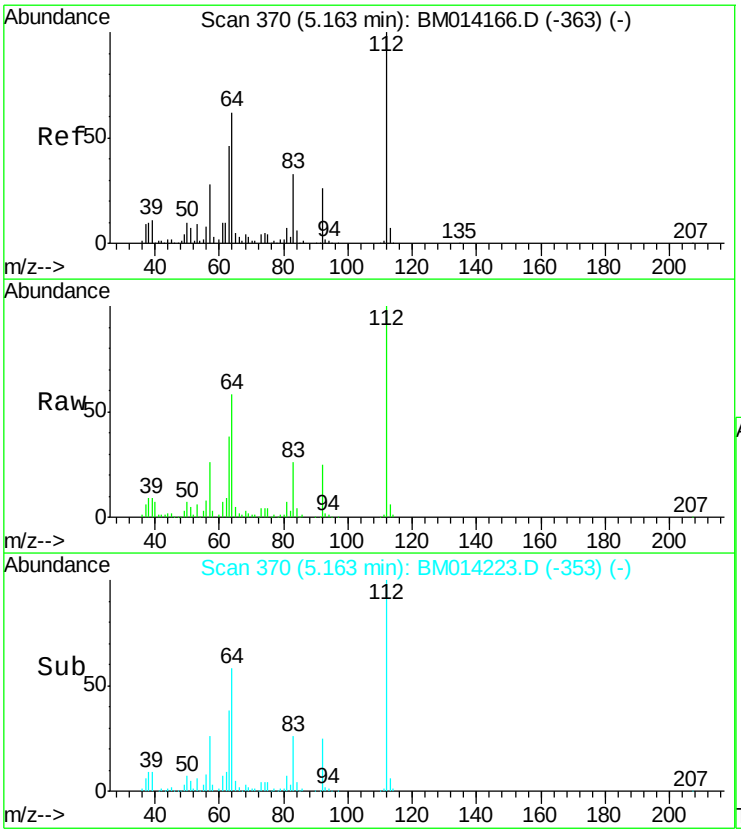
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Instrument :
BNA_M
ClientSampleId :
PMW-2

Tgt Ion:152 Resp: 91907

Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	72.6	43.0	64.4#

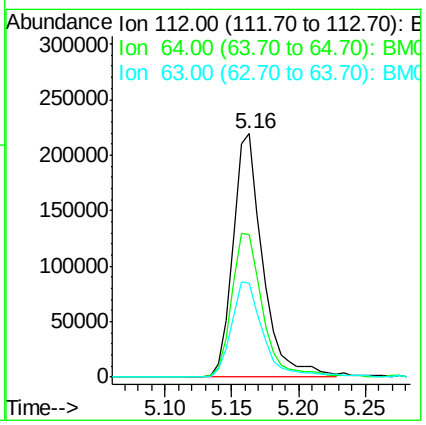


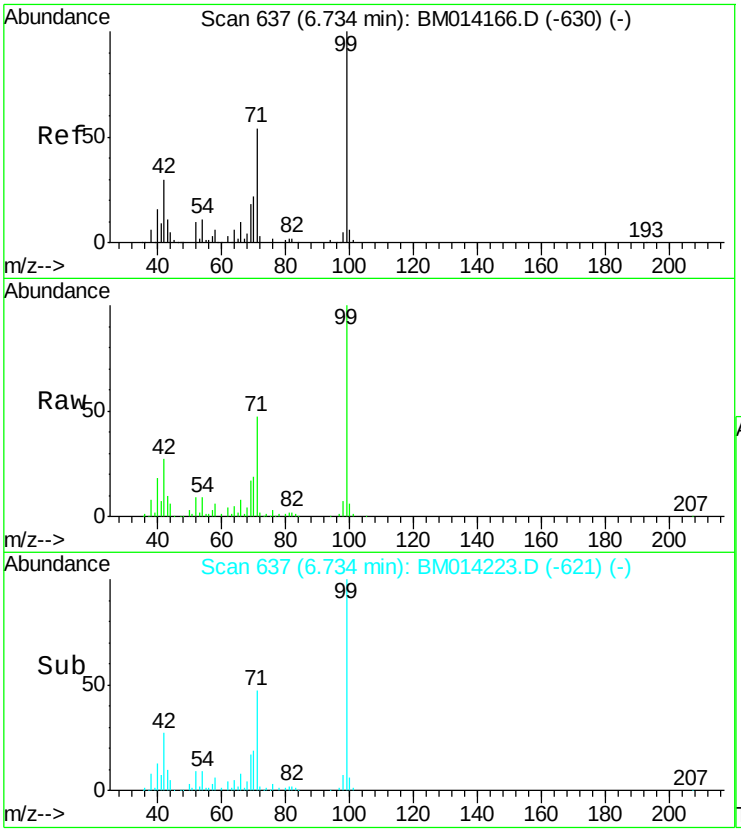


#5
2-Fluorophenol
Concen: 64.758 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Tgt Ion:112 Resp: 341469

Ion	Ratio	Lower	Upper
112	100		
64	58.3	38.6	57.8#
63	38.5	19.3	28.9#



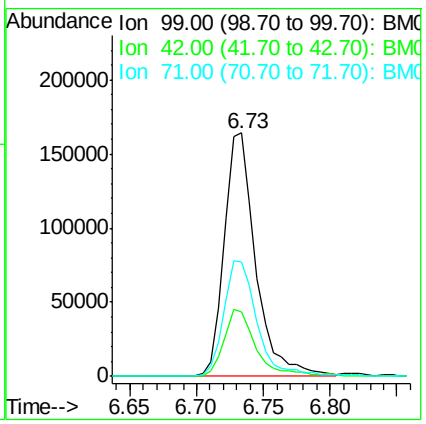


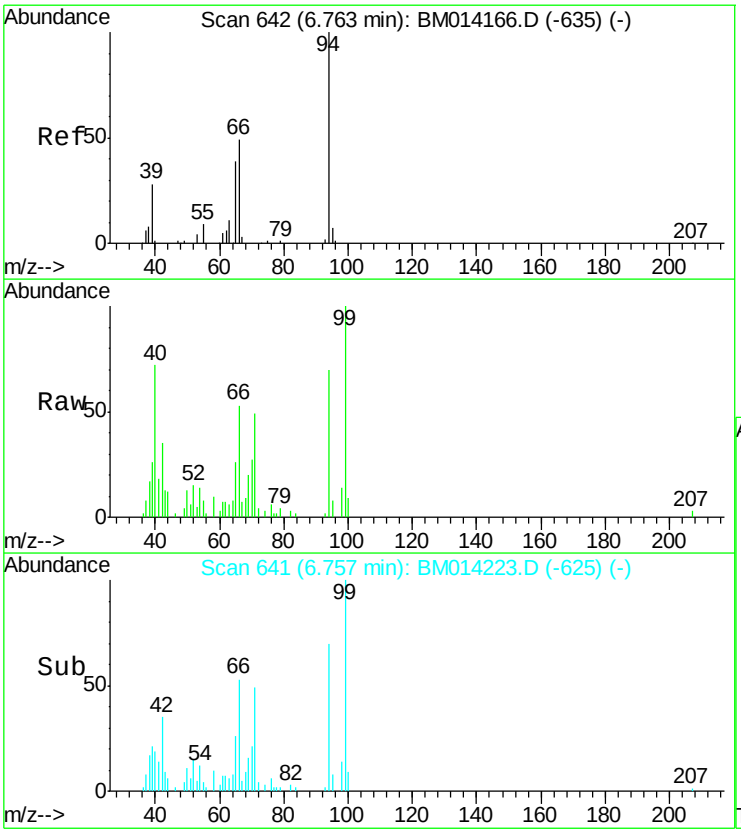
#7
Phenol-d6
Concen: 36.418 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Instrument :
BNA_M
ClientSampleId :
PMW-2

Tgt Ion: 99 Resp: 271968

Ion	Ratio	Lower	Upper
99	100		
42	26.6	11.0	16.4#
71	47.0	23.4	35.2#

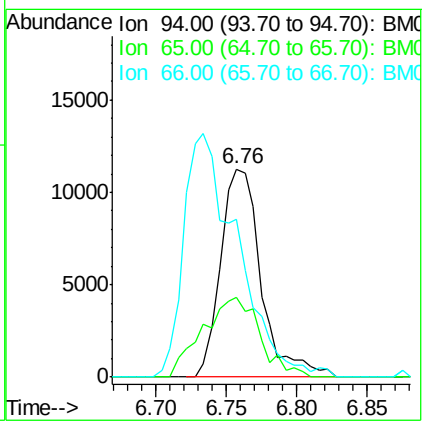


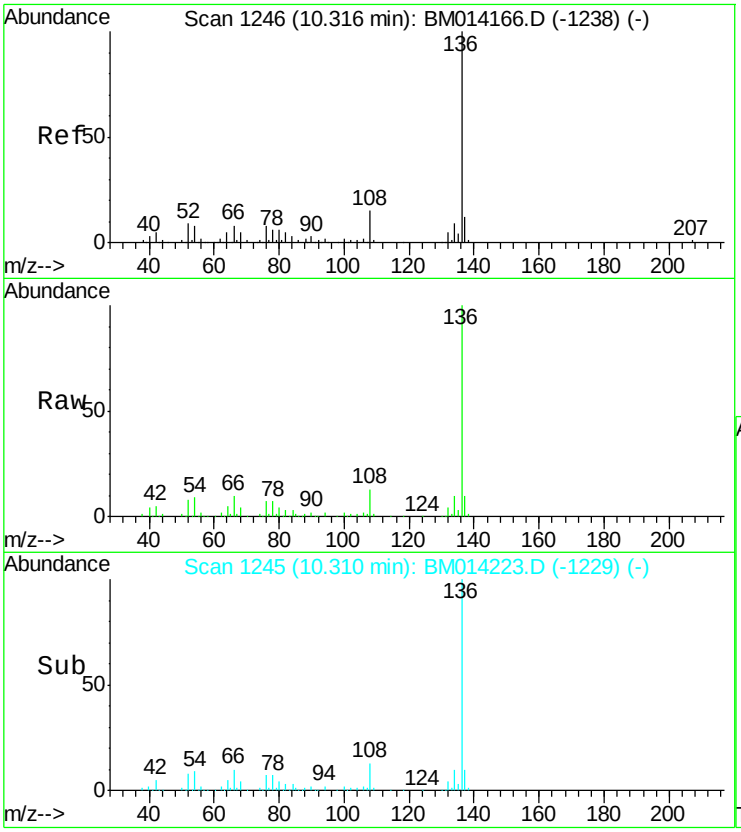


#10
Phenol
Concen: 3.043 ng
RT: 6.76 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Tgt Ion: 94 Resp: 22431

Ion	Ratio	Lower	Upper
94	100		
65	38.0	18.8	58.8
66	75.7	39.9	79.9



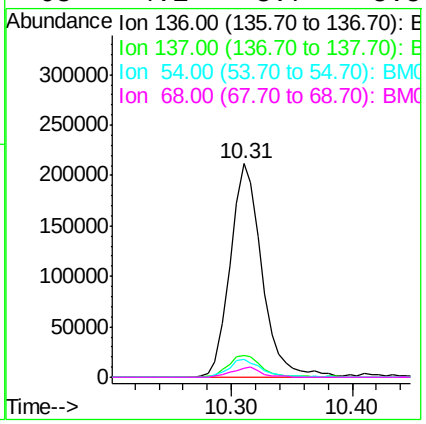


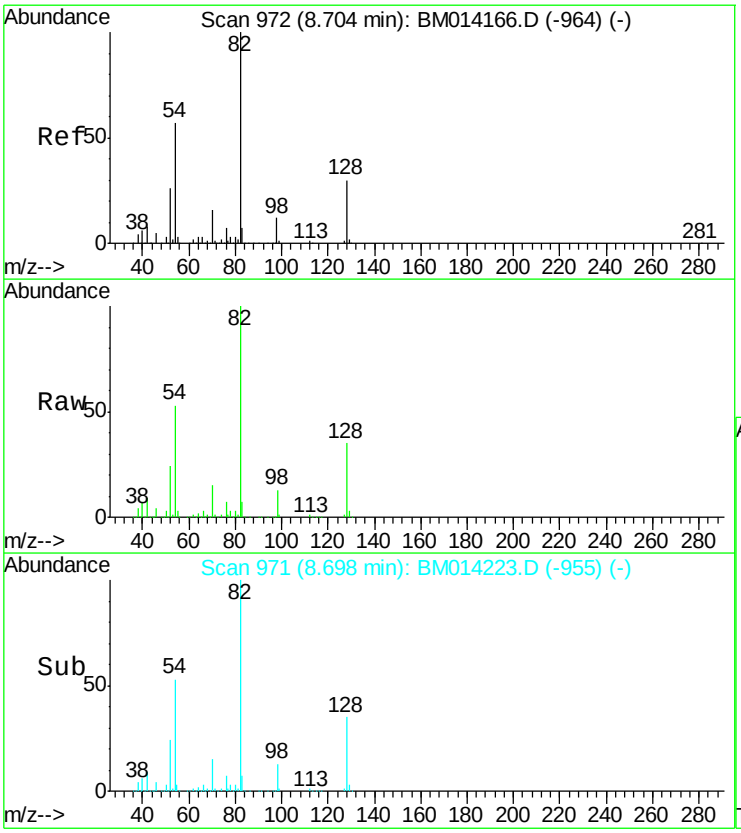
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Instrument :
BNA_M
ClientSampleId :
PMW-2

Tgt Ion:136 Resp: 387246

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	8.6	4.6	6.8#
68	4.1	3.7	5.5

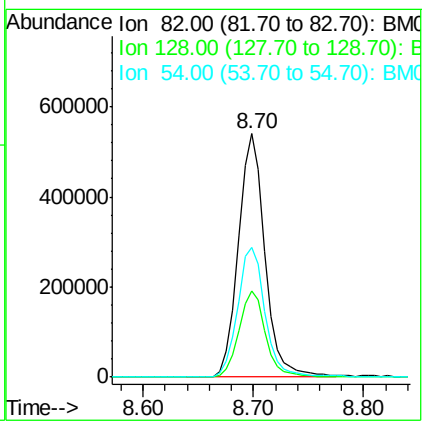


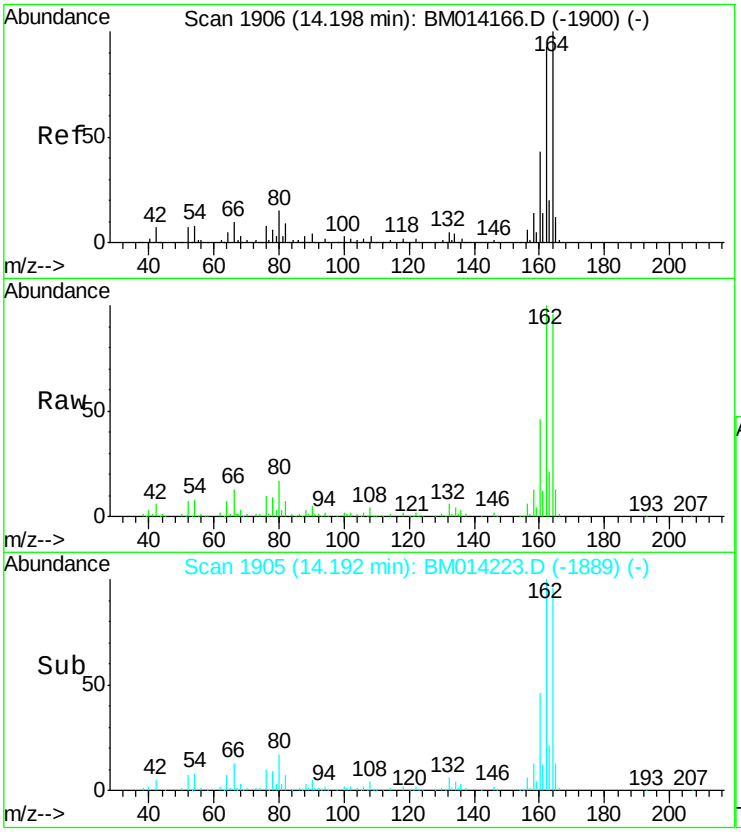


#23
Nitrobenzene-d5
Concen: 105.767 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Tgt Ion: 82 Resp: 916949

Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	53.5	40.6	60.8



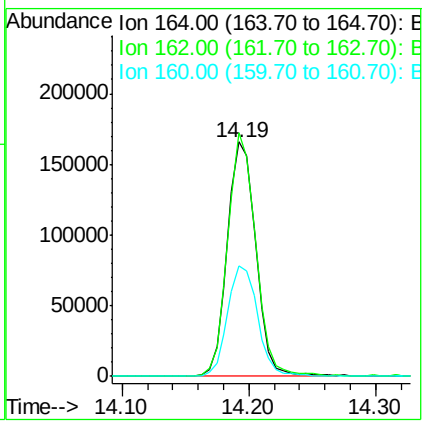


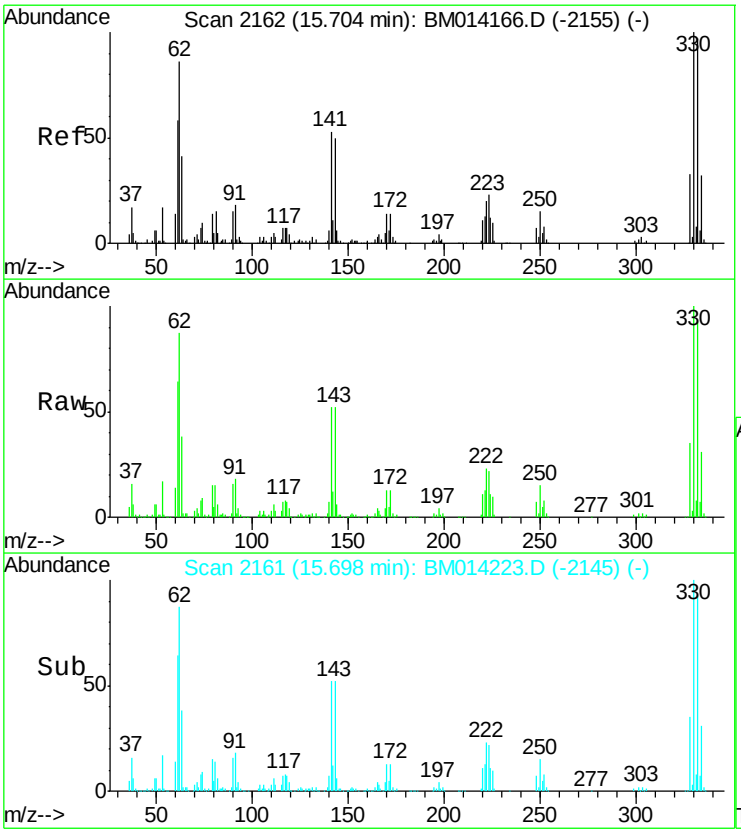
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Instrument :
BNA_M
ClientSampleId :
PMW-2

Tgt Ion:164 Resp: 258029

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	47.3	35.8	53.6

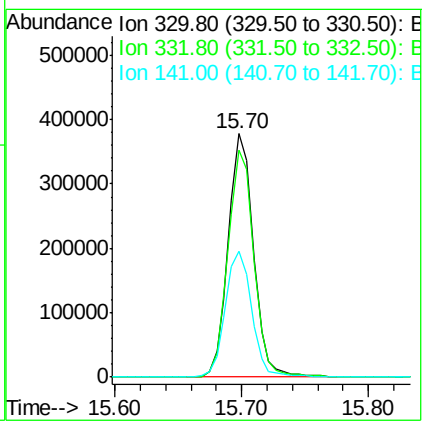


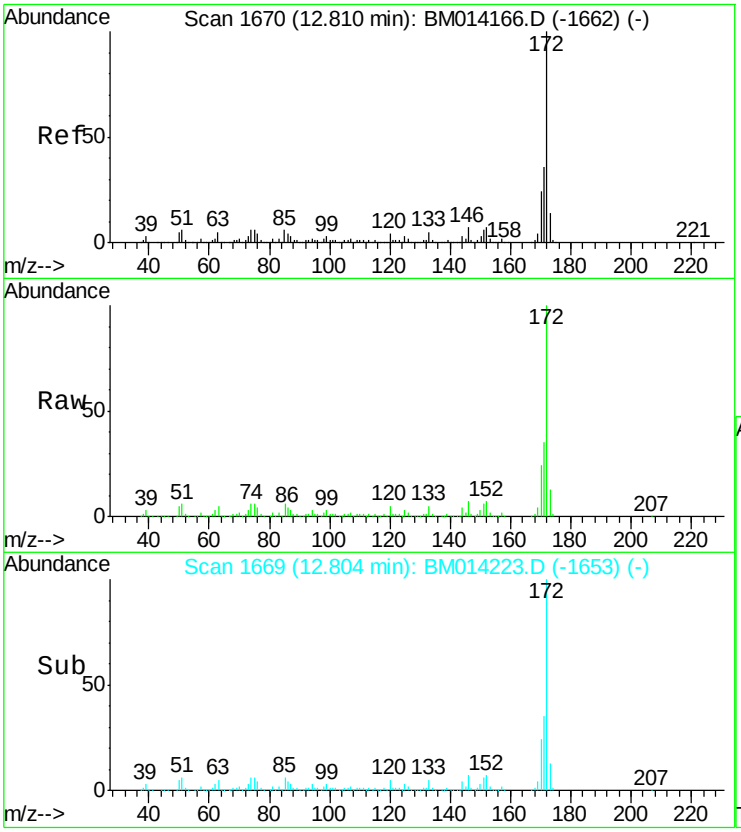


#41
2,4,6-Tribromophenol
Concen: 142.502 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Tgt Ion:330 Resp: 521750

Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	53.9	0.0	0.0#



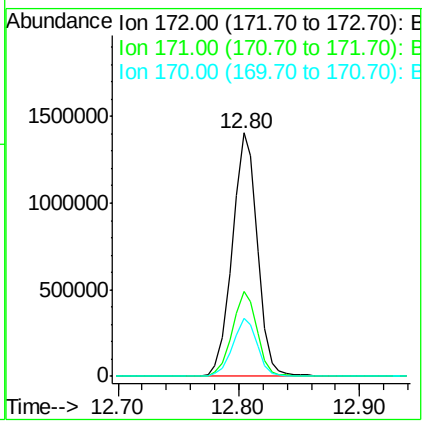


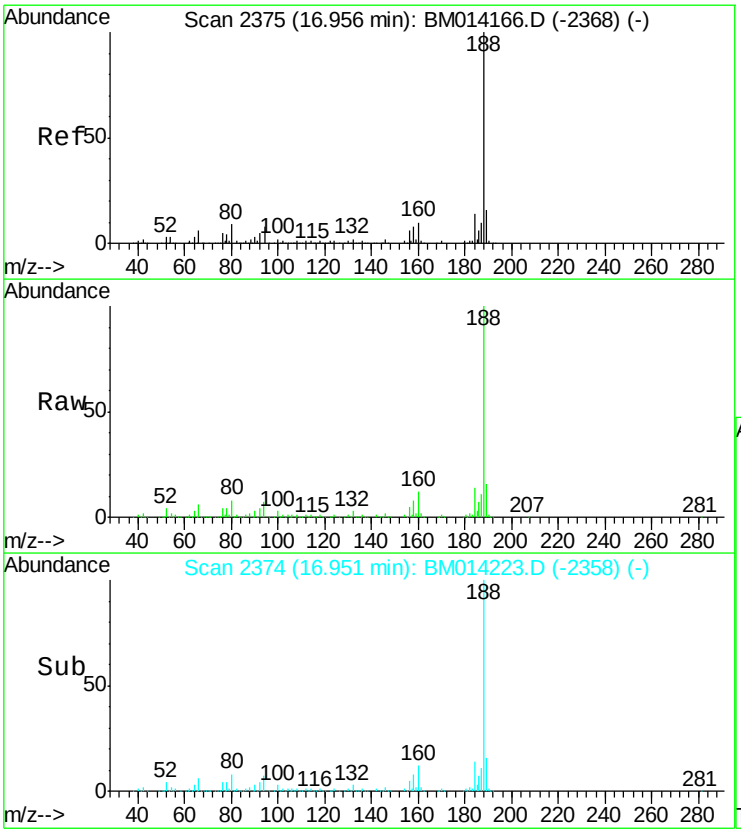
#44
2-Fluorobiphenyl
Concen: 98.584 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Instrument :
BNA_M
ClientSampleId :
PMW-2

Tgt Ion:172 Resp: 2037755

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.7	18.8	28.2

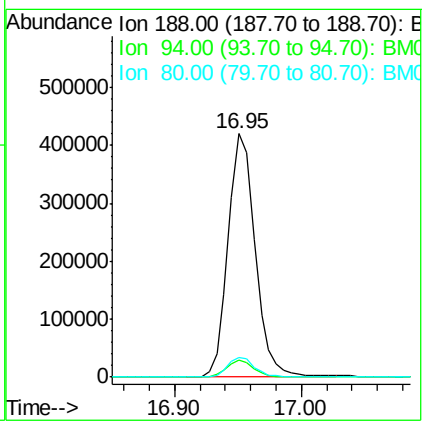


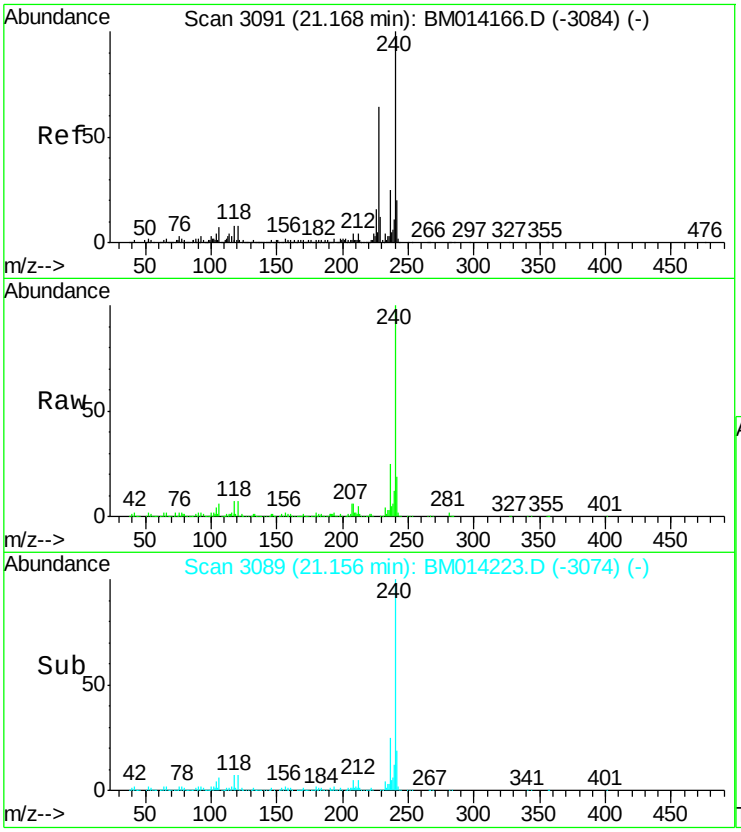


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Tgt Ion:188 Resp: 623353

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.7	13.1#
80	8.3	9.3	13.9#



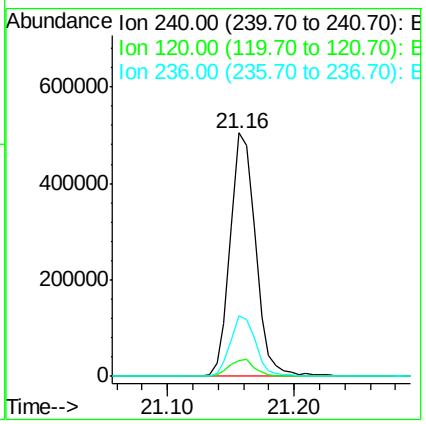


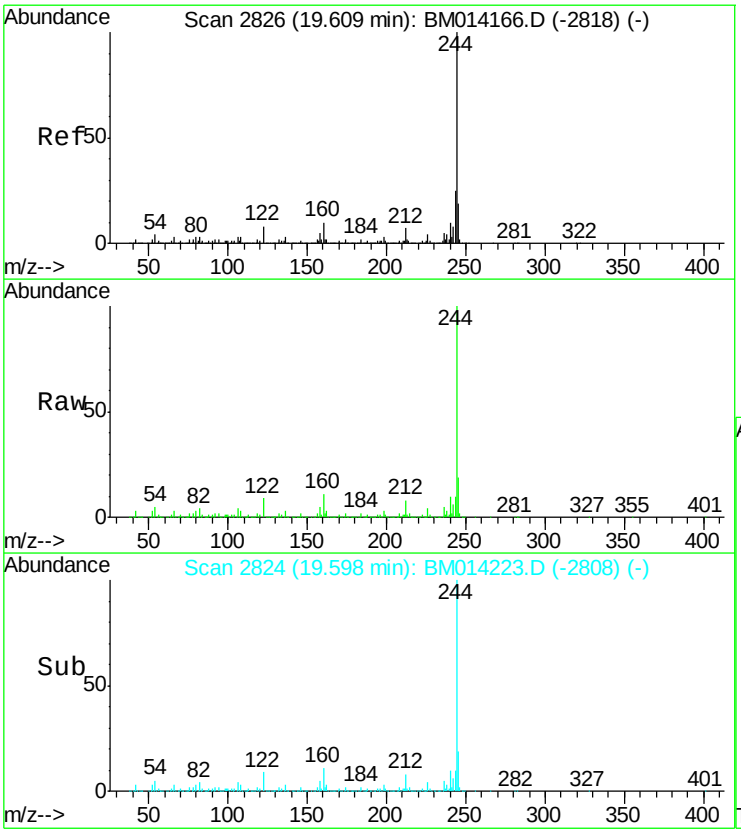
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Instrument :
BNA_M
ClientSampleId :
PMW-2

Tgt Ion:240 Resp: 697230

Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.2	12.2#
236	25.0	20.0	30.0

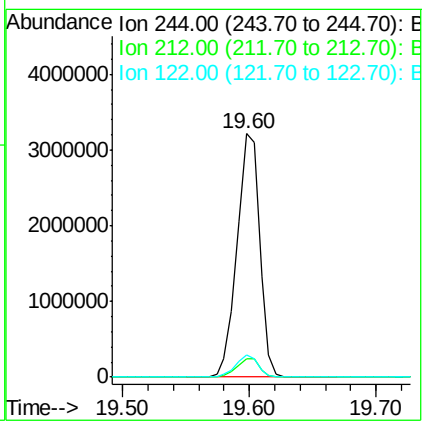


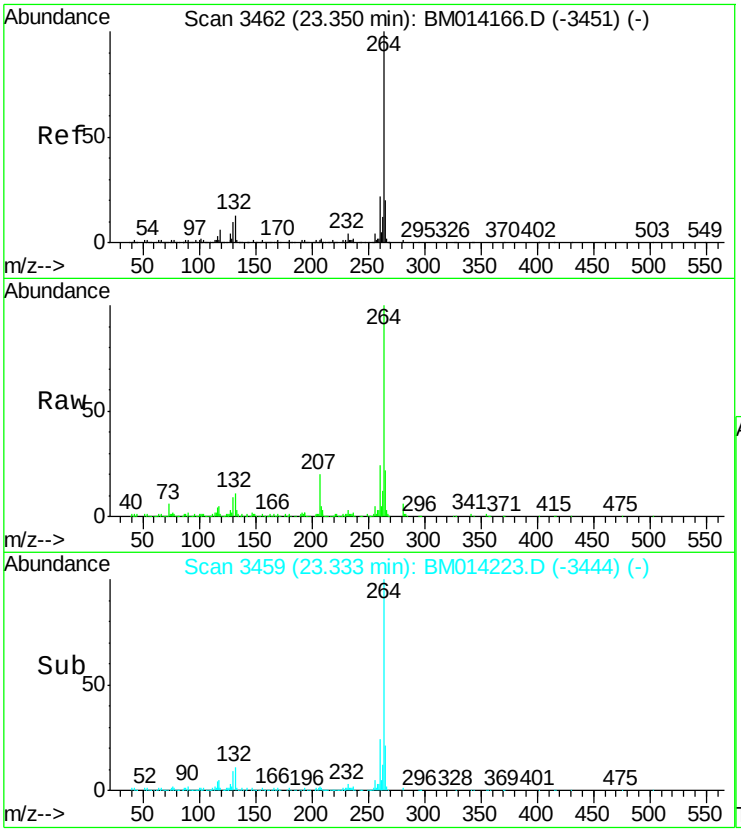


#78
Terphenyl-d14
Concen: 110.943 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Tgt Ion:244 Resp: 3958815

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	9.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014223.D
Acq: 13 Feb 2018 16:21

Instrument :
BNA_M
ClientSampleId :
PMW-2

Tgt Ion:264 Resp: 582843

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.7	17.3	25.9