Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010929.D
Acq On : 21 Jul 2017 03:29
Operator : SJ/JU
Sample : I4258-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-071817-A

Quant Time: Jul 21 04:38:07 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	7.43	152	183885	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	671336	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	417123	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	986554	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	951633	20.00	ng	-0.01
86) Perylene-d12	23.19	264	964355	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1571050	141.52	ng	0.00
7) Phenol-d6	6.63	99	1897063	123.96	ng	0.00
23) Nitrobenzene-d5	8.58	82	1806726	103.44	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	921541	144.57	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	3506919	104.59	ng	-0.01
78) Terphenyl-d14	19.50	244	4501865	91.50	ng	0.00
Target Compounds						Qvalue
76) Benzidine	19.12	184	261373	10.264	ng	98

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

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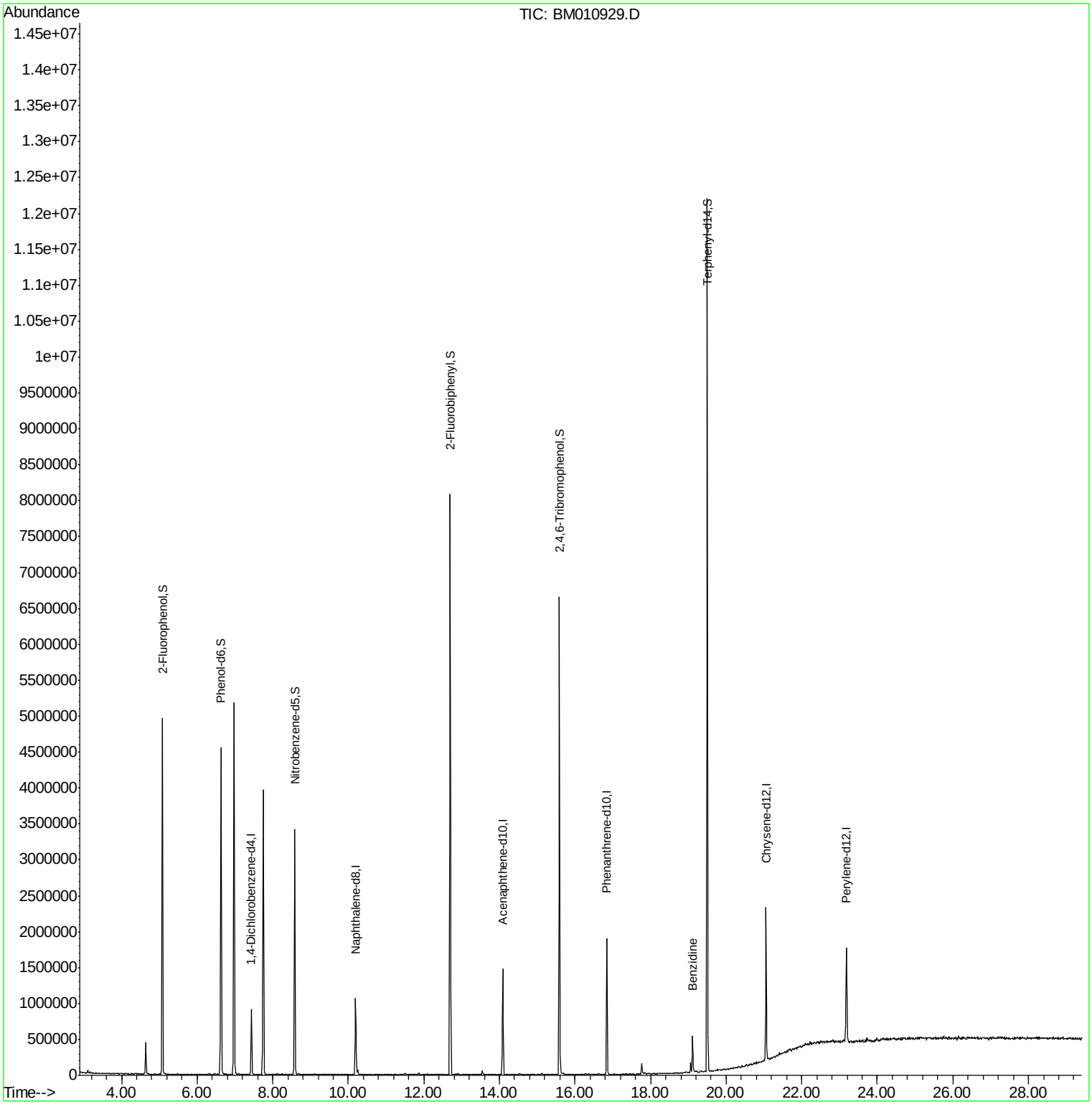
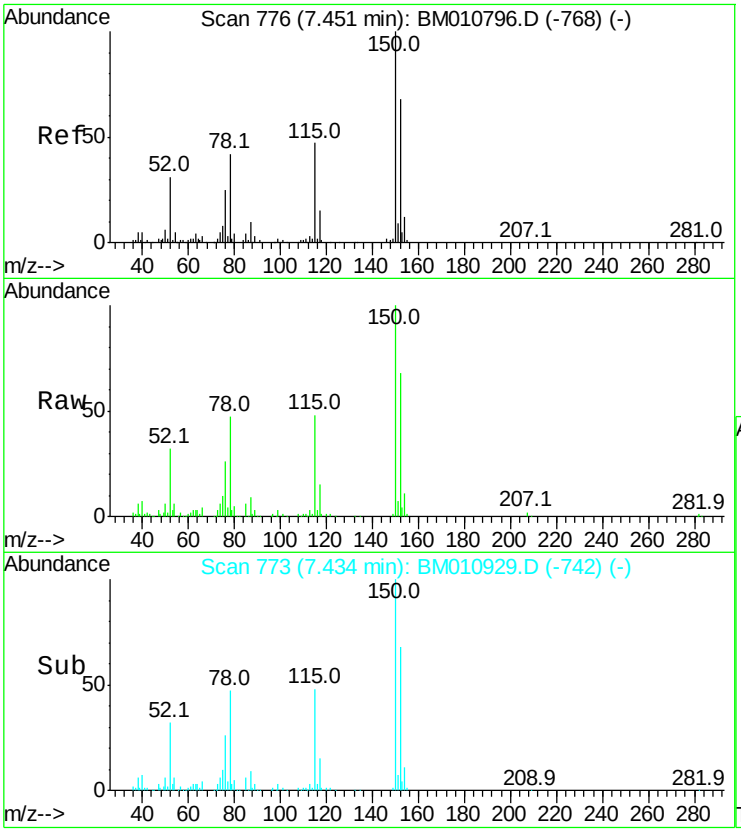


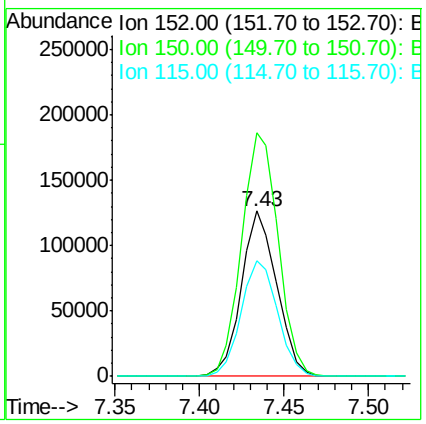


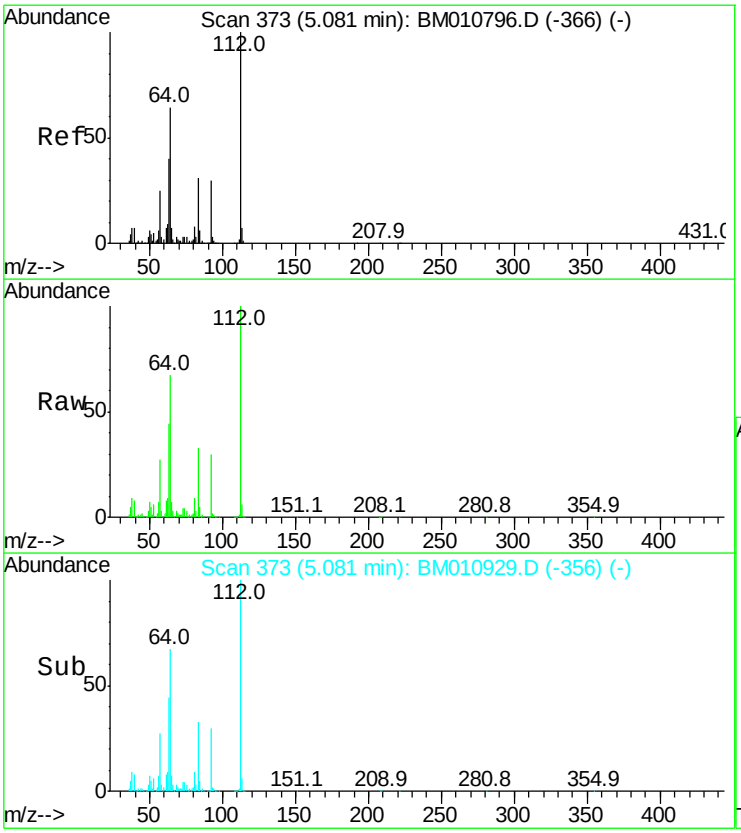
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Tgt Ion:152 Resp: 183885

Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	70.0	43.0	64.4#

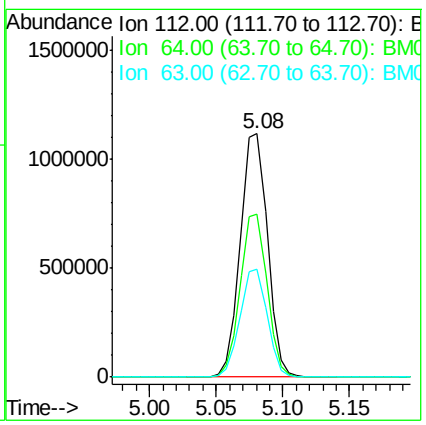


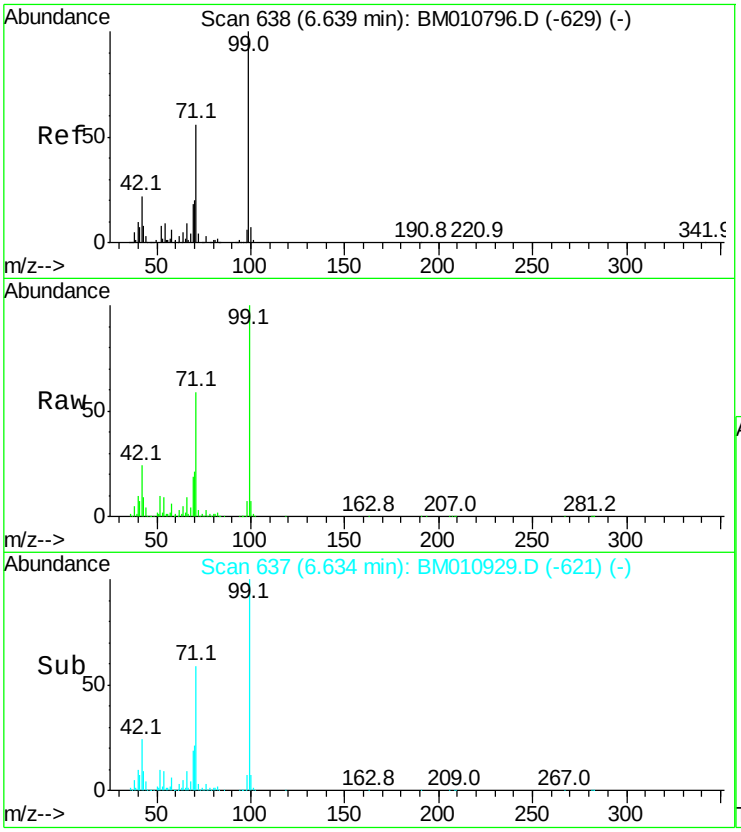


#5
2-Fluorophenol
Concen: 141.525 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Tgt Ion:112 Resp: 1571050

Ion	Ratio	Lower	Upper
112	100		
64	67.1	38.6	57.8#
63	44.4	19.3	28.9#



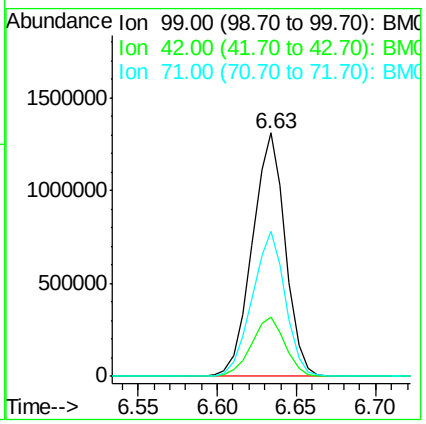


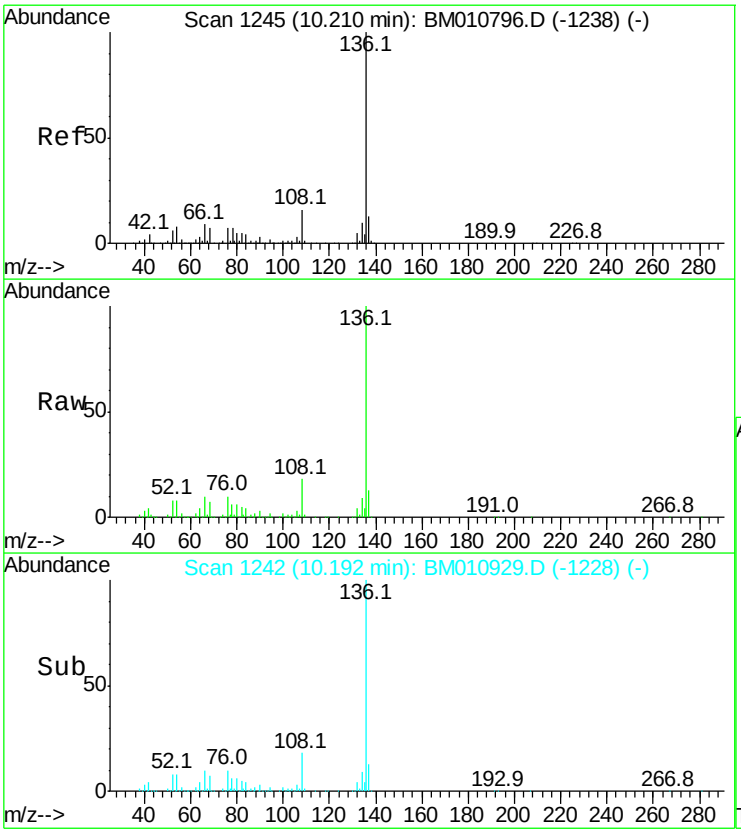
#7
Phenol-d6
Concen: 123.962 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Tgt Ion: 99 Resp: 1897063

Ion	Ratio	Lower	Upper
99	100		
42	24.1	11.0	16.4#
71	59.3	23.4	35.2#

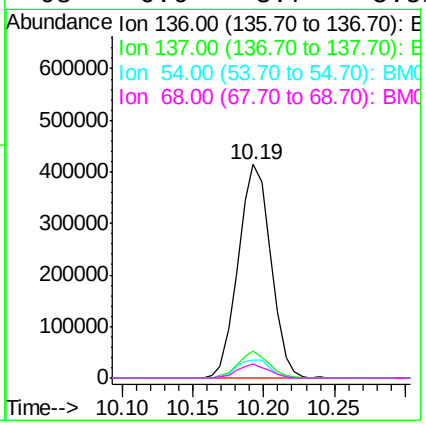


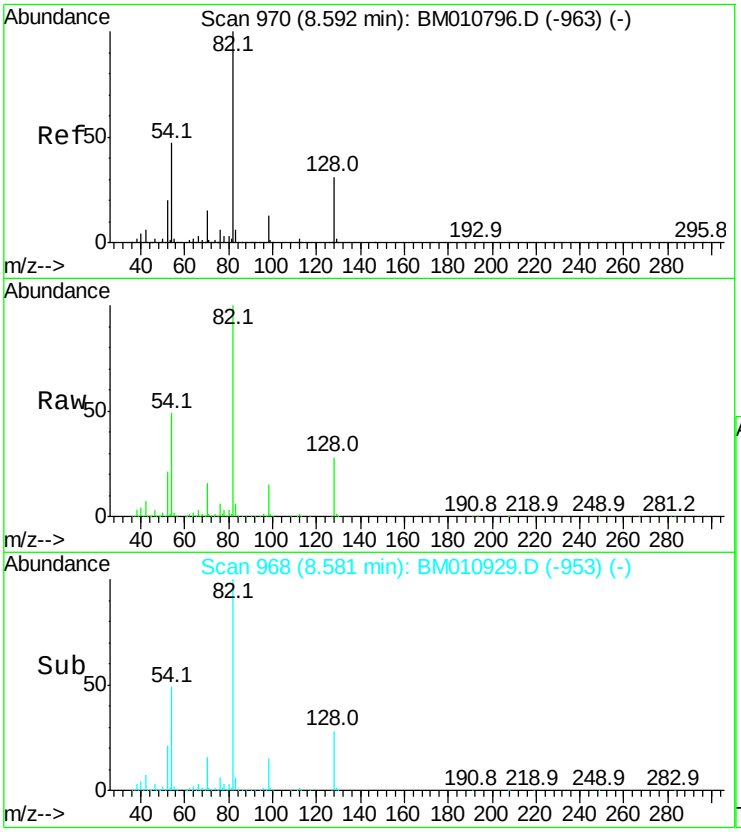


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Tgt Ion:136 Resp: 671336

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.7	13.1
54	8.1	4.6	6.8#
68	6.6	3.7	5.5#



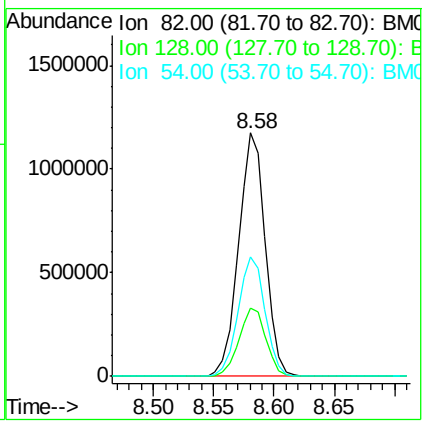


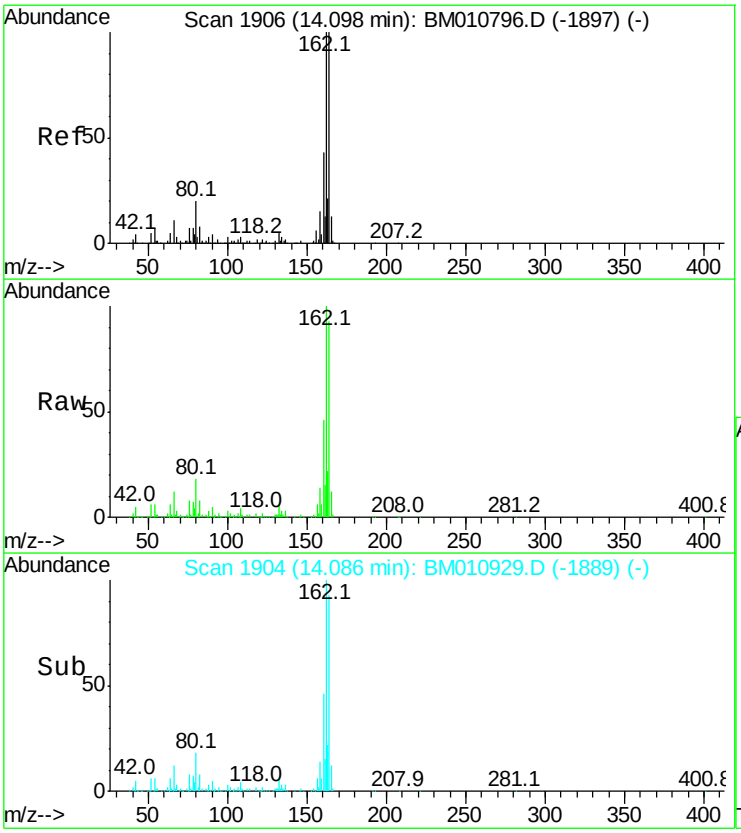
#23
Nitrobenzene-d5
Concen: 103.445 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Tgt Ion: 82 Resp: 1806726

Ion	Ratio	Lower	Upper
82	100		
128	27.8	32.8	49.2#
54	49.3	40.6	60.8

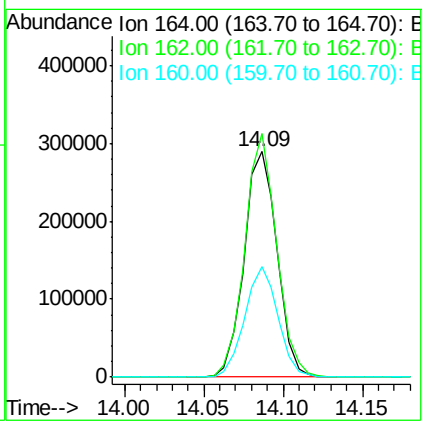


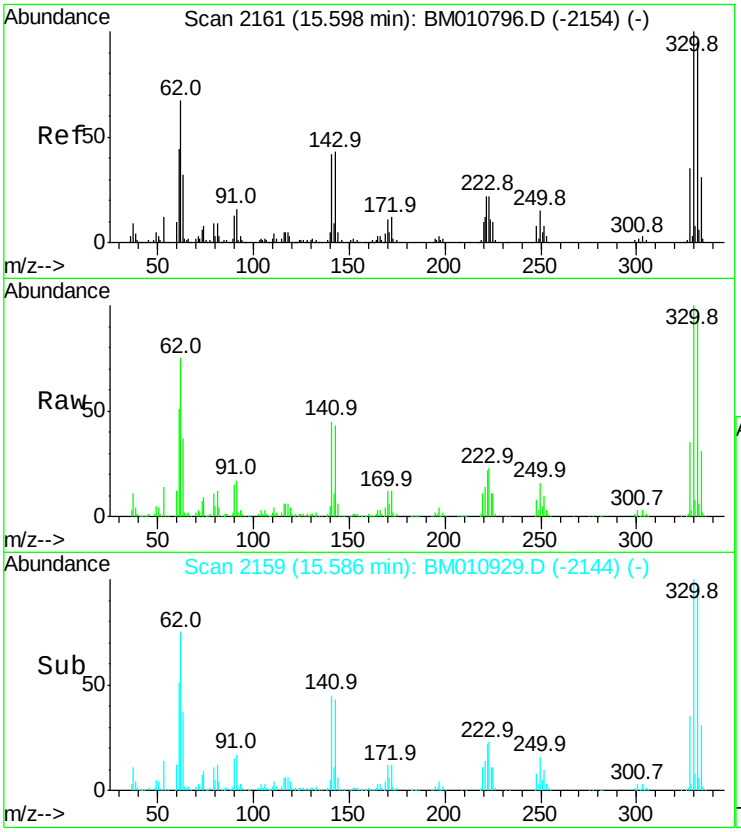


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Tgt Ion:164 Resp: 417123

Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.4	123.6
160	49.2	35.8	53.6



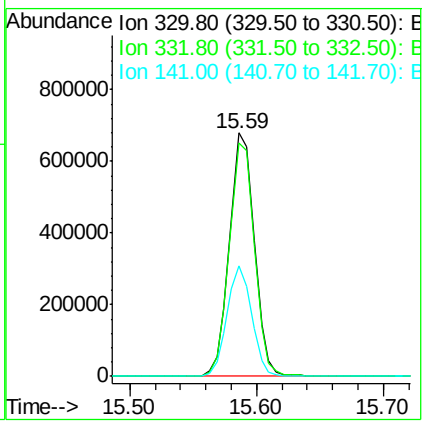


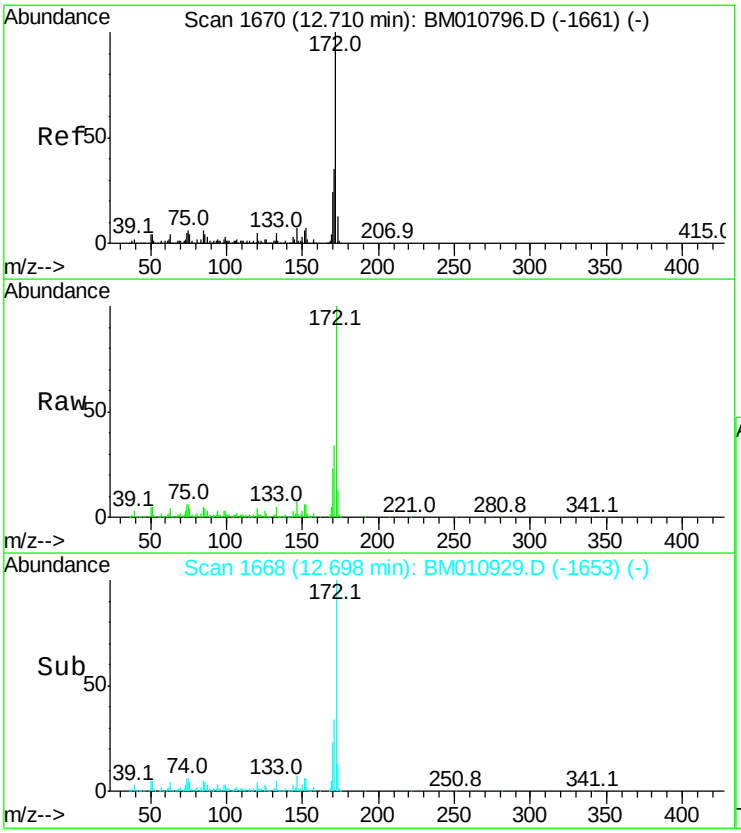
#41
2,4,6-Tribromophenol
Concen: 144.568 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Tgt Ion:330 Resp: 921541

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	44.7	0.0	0.0#

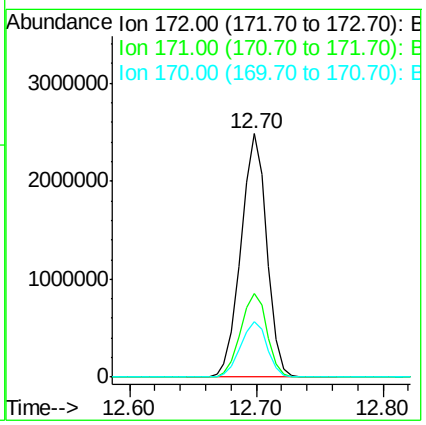


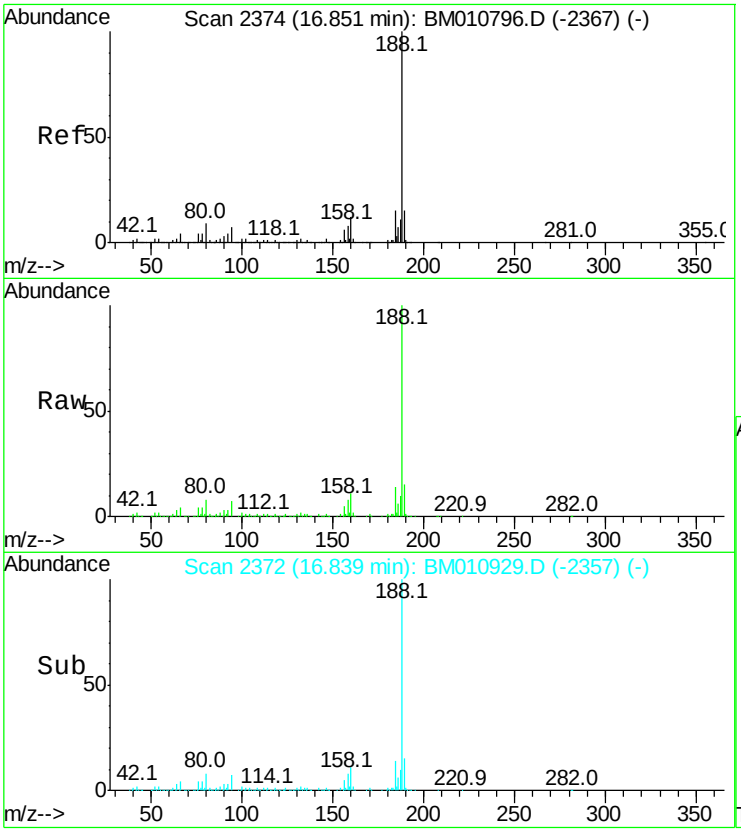


#44
2-Fluorobiphenyl
Concen: 104.590 ng
RT: 12.70 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Tgt Ion:172 Resp: 3506919

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.0	18.8	28.2



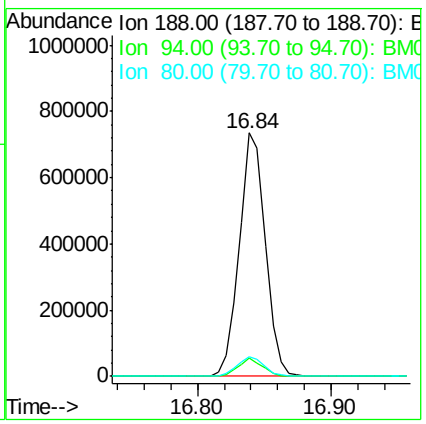


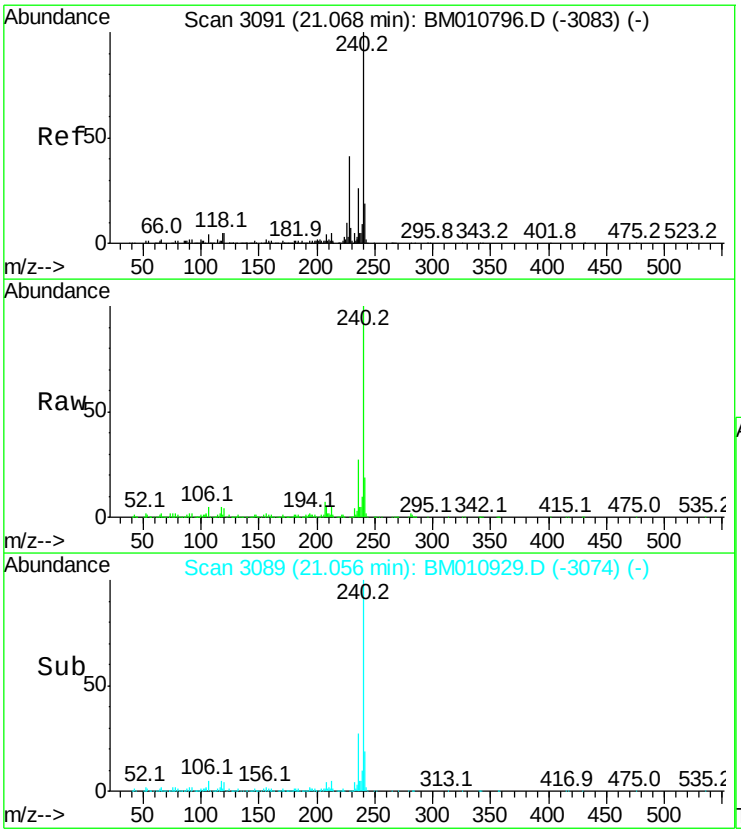
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Tgt Ion:188 Resp: 986554

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.1	9.3	13.9#

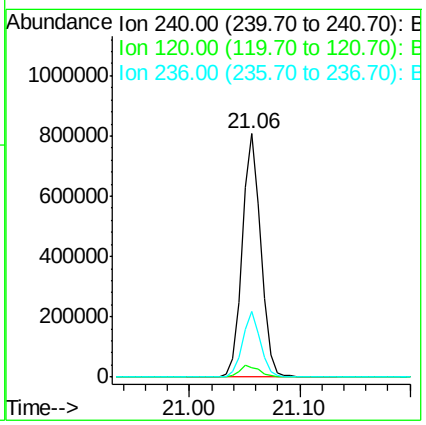


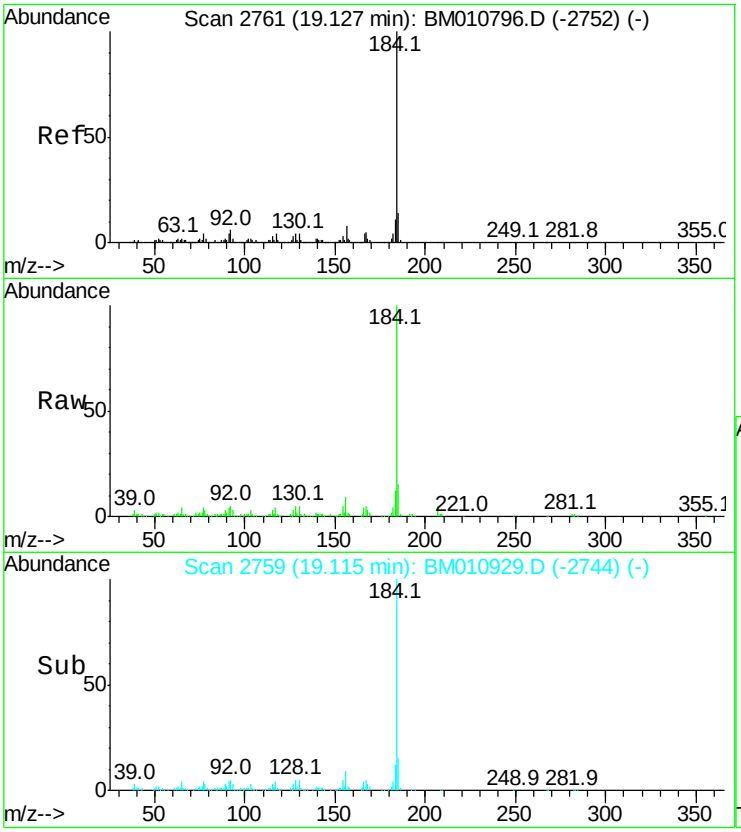


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Tgt Ion:240 Resp: 951633

Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	26.8	20.0	30.0



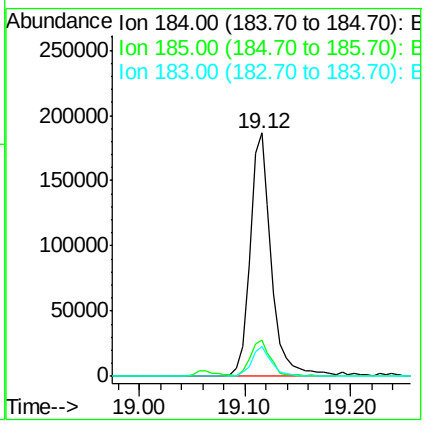


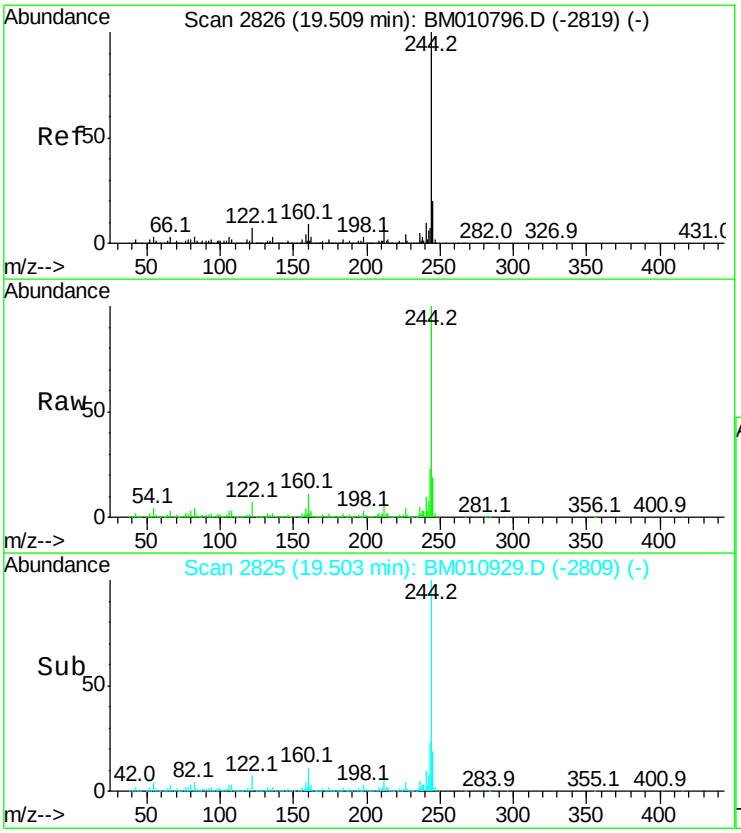
#76
Benzidine
Concen: 10.264 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Tgt Ion:184 Resp: 261373

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.3	16.9
183	12.1	8.9	13.3

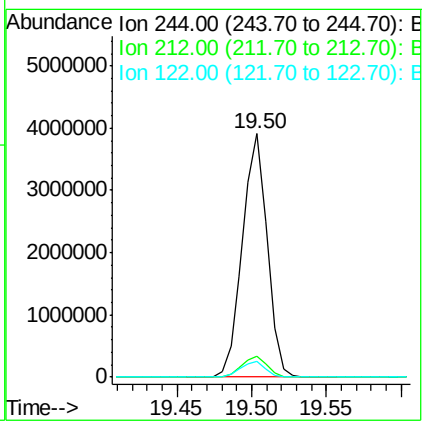


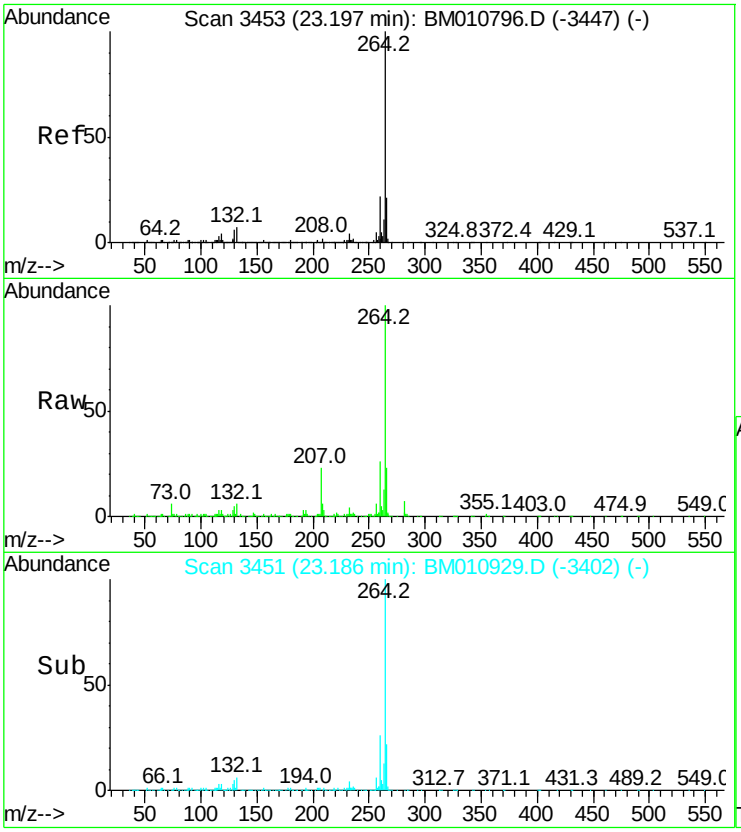


#78
Terphenyl-d14
Concen: 91.496 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Tgt Ion:244 Resp: 4501865

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	6.5	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010929.D
Acq: 21 Jul 2017 03:29

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-A

Tgt Ion:264 Resp: 964355

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	27.8
265	22.6	17.3	25.9