Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010103.D
Acq On : 22 May 2017 15:35
Operator : SJ/MA
Sample : PB99141BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99141BL

Quant Time: May 23 06:03:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	159145	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	508758	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	305668	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	727617	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1089702	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1260317	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1123604	127.50	ng	-0.01
7) Phenol-d6	7.16	99	1327602	117.07	ng	-0.01
23) Nitrobenzene-d5	9.15	82	855572	90.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	558404	120.28	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2132981	89.71	ng	-0.01
78) Terphenyl-d14	19.94	244	3521459	73.48	ng	-0.01

Target Compounds	Qvalue

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

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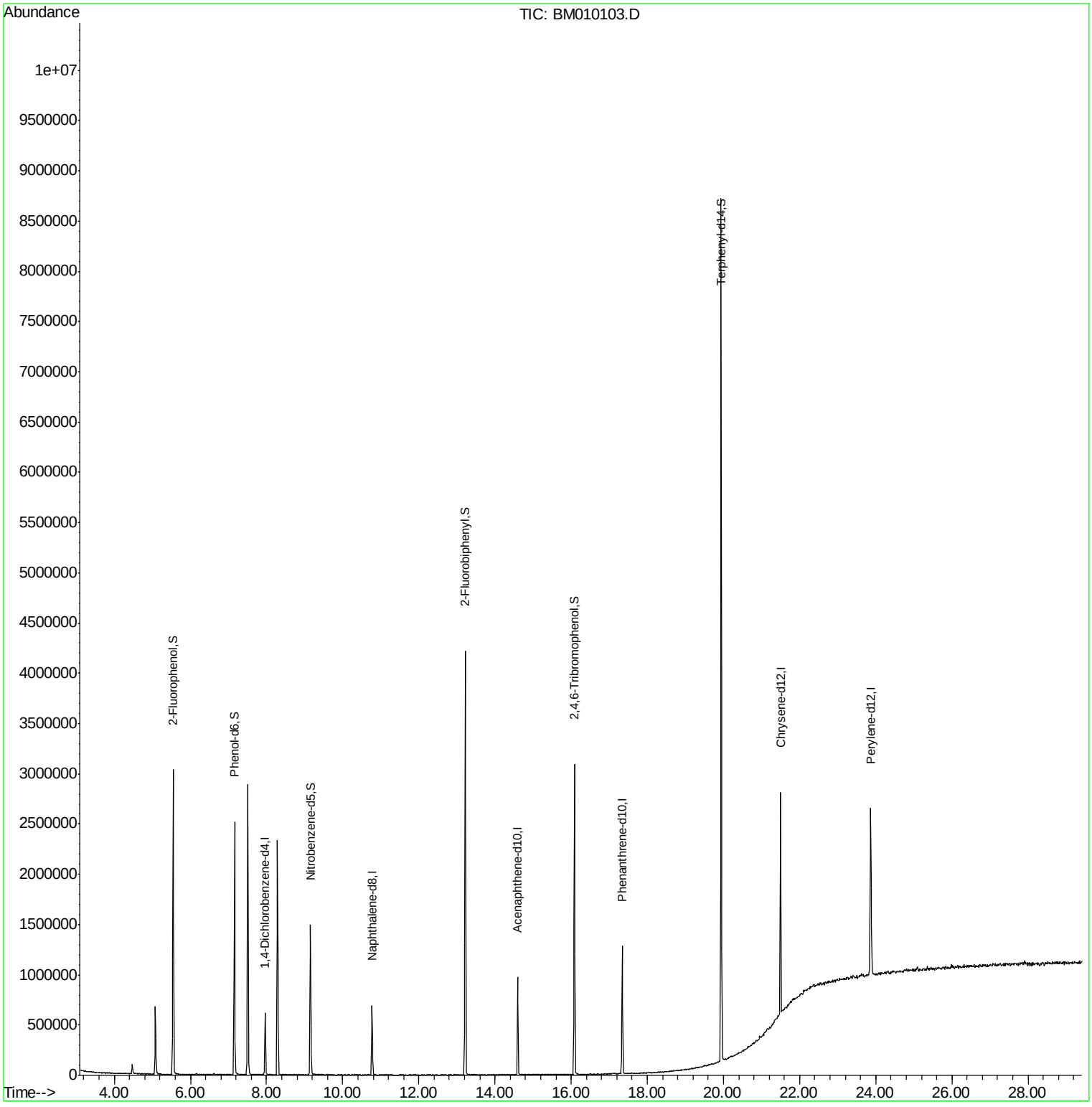
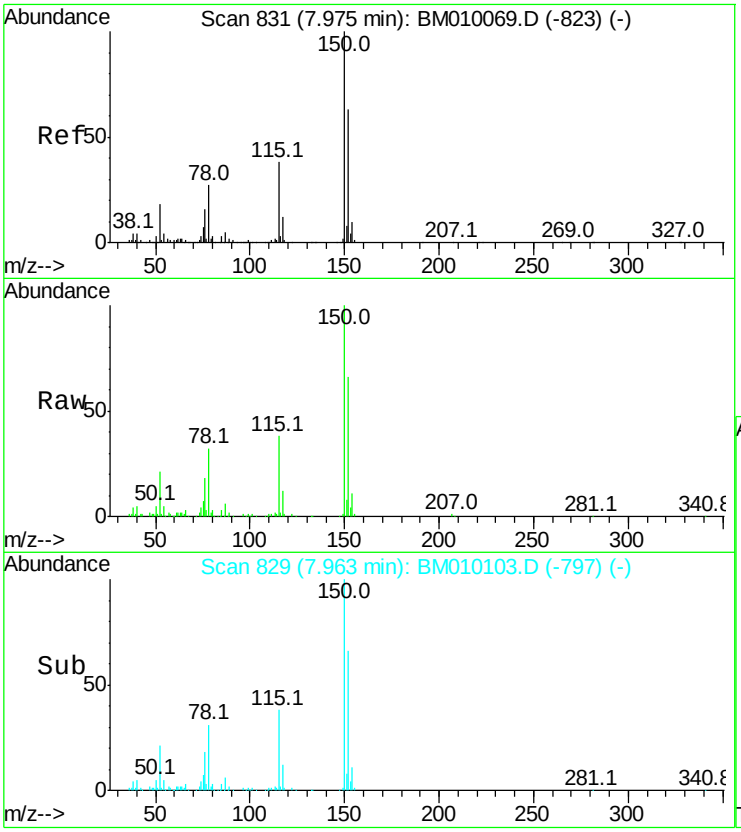


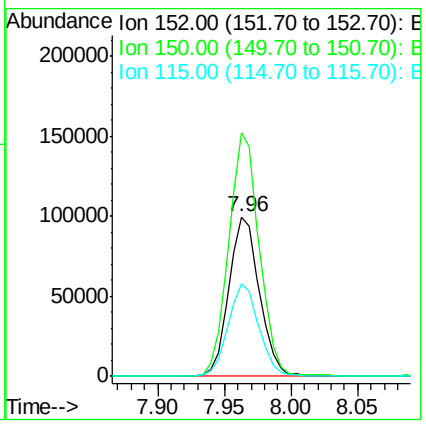


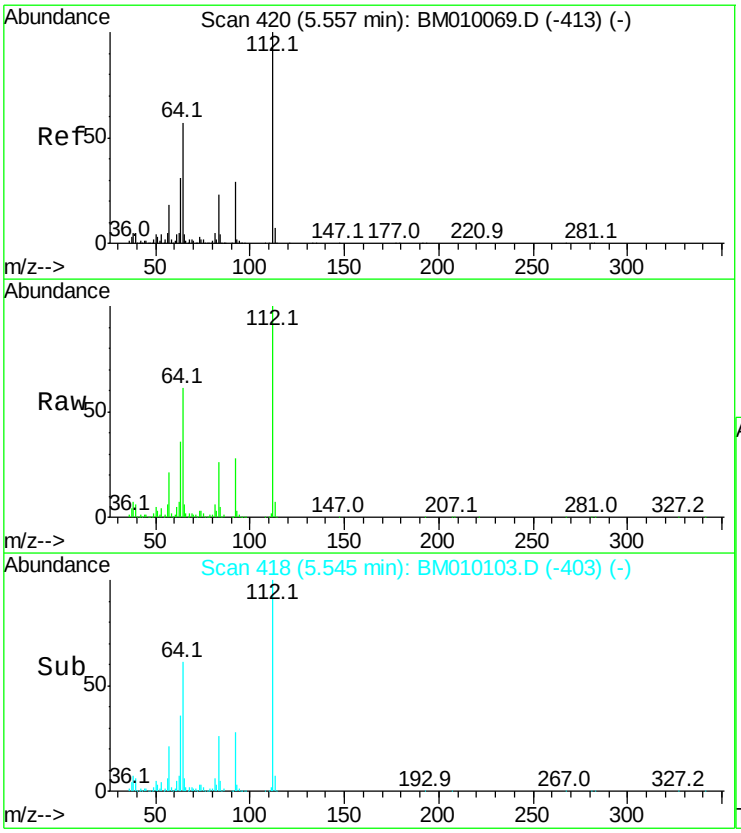
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Instrument :
BNA_M
ClientSampleId :
PB99141BL

Tgt Ion:152 Resp: 159145

Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	57.9	43.0	64.4

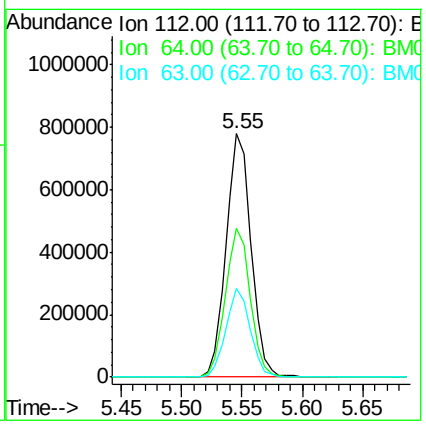


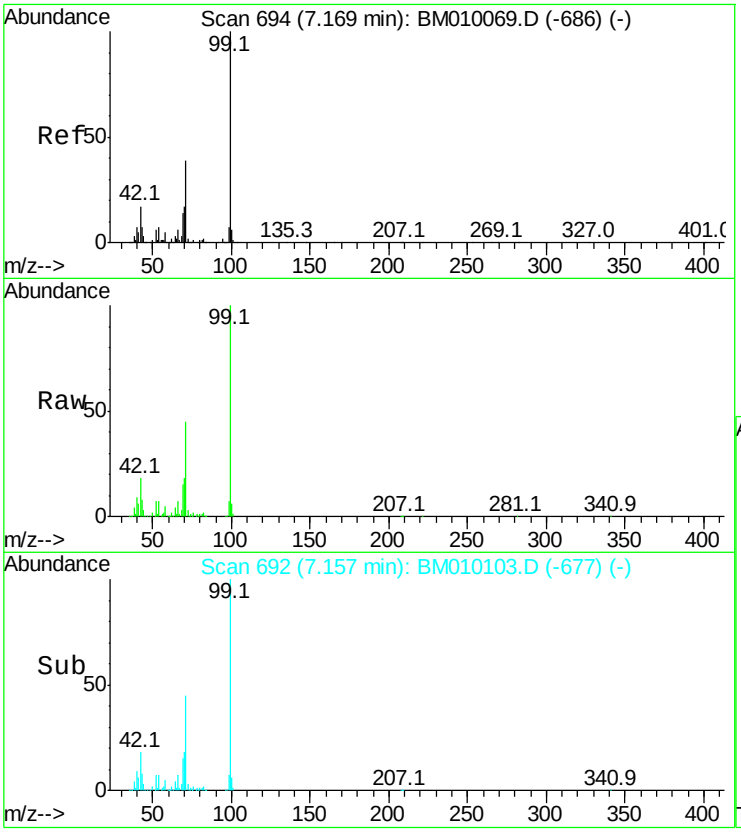


#5
2-Fluorophenol
Concen: 127.50 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Tgt Ion:112 Resp: 1123604

Ion	Ratio	Lower	Upper
112	100		
64	61.2	38.6	57.8#
63	36.4	19.3	28.9#



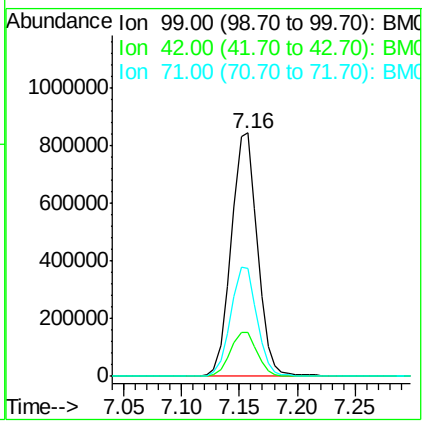


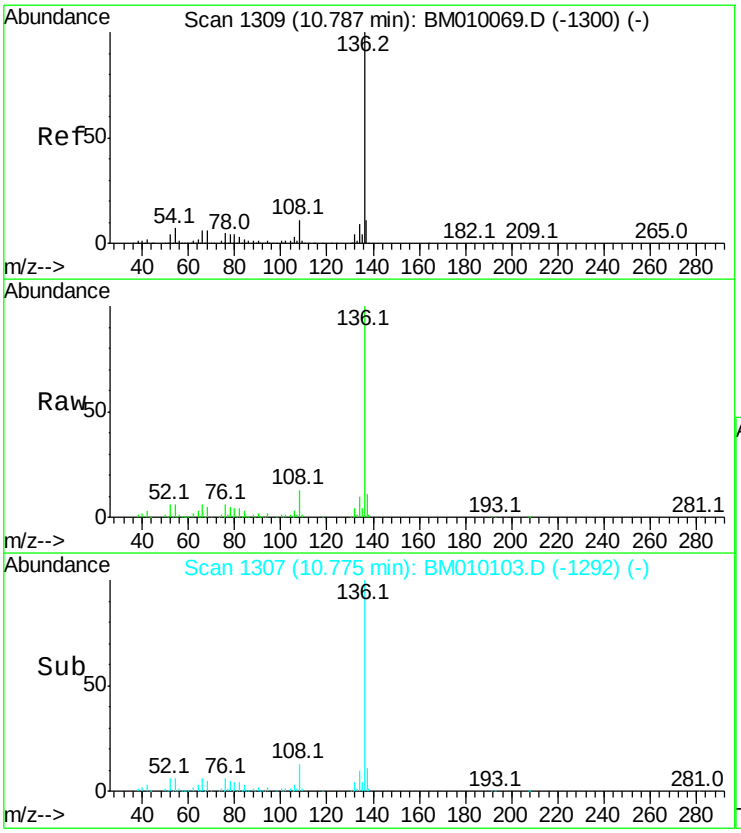
#7
Phenol-d6
Concen: 117.07 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Instrument :
BNA_M
ClientSampleId :
PB99141BL

Tgt Ion: 99 Resp: 1327602

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.0	16.4#
71	44.6	23.4	35.2#

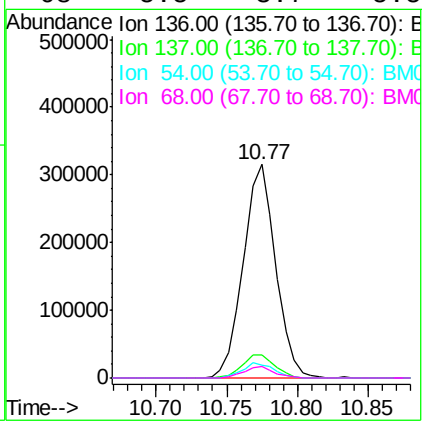


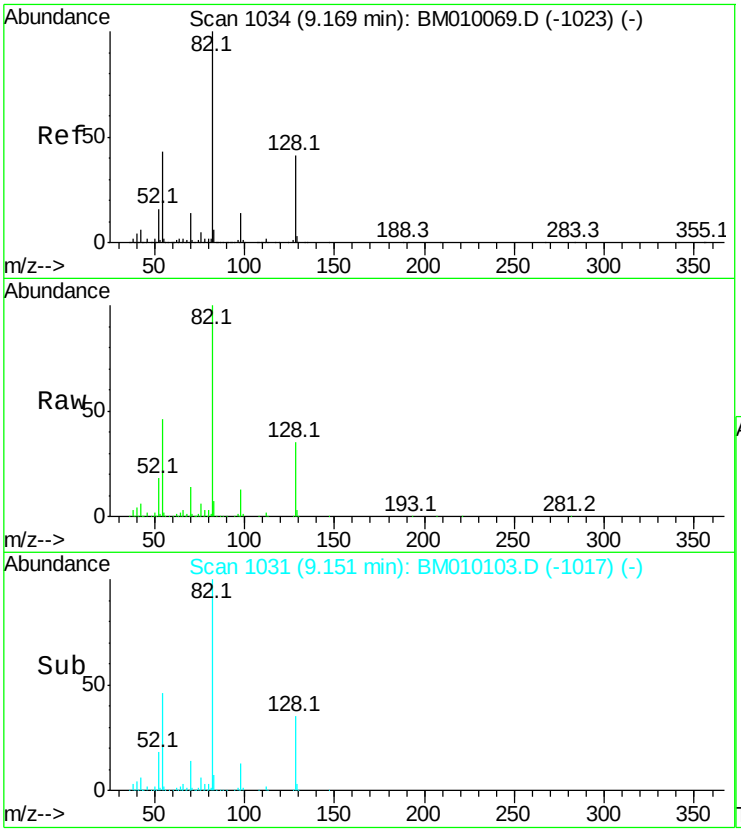


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Tgt Ion:136 Resp: 508758

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.9	4.6	6.8
68	5.5	3.7	5.5



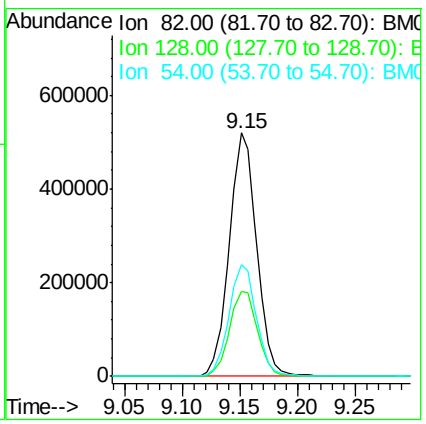


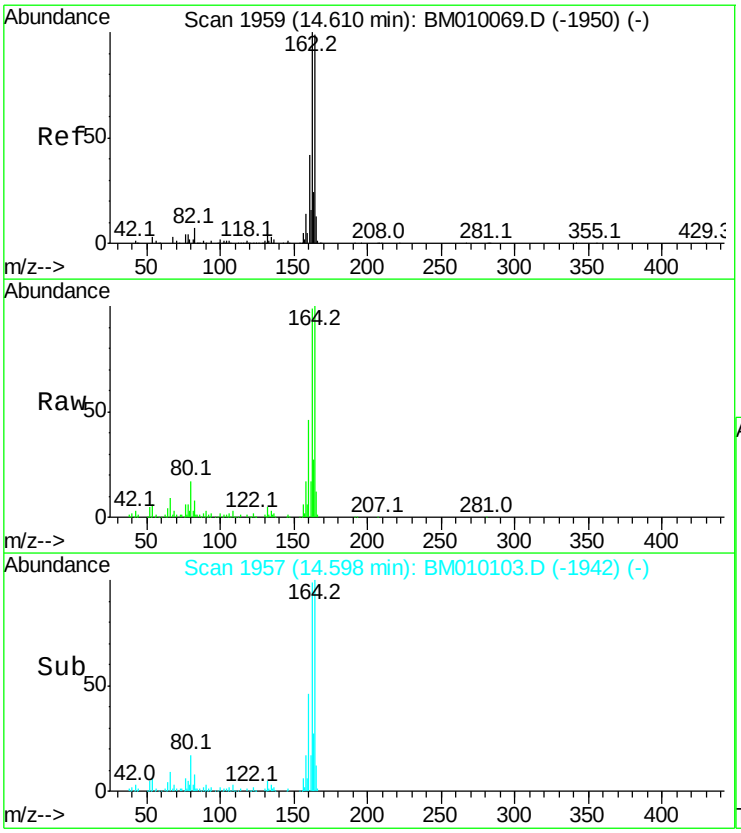
#23
Nitrobenzene-d5
Concen: 90.73 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Instrument :
BNA_M
ClientSampleId :
PB99141BL

Tgt Ion: 82 Resp: 855572

Ion	Ratio	Lower	Upper
82	100		
128	34.9	32.8	49.2
54	45.9	40.6	60.8

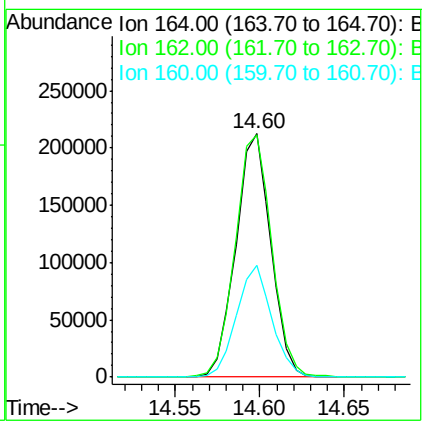


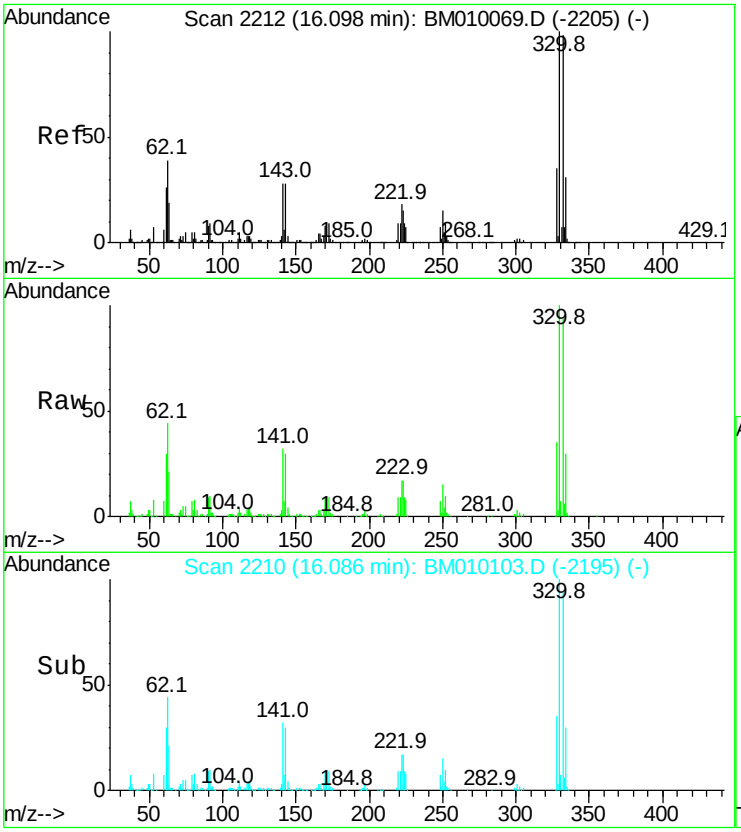


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Tgt Ion:164 Resp: 305668

Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.4	123.6
160	45.7	35.8	53.6



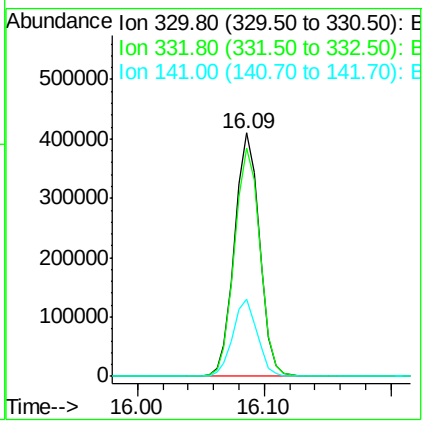


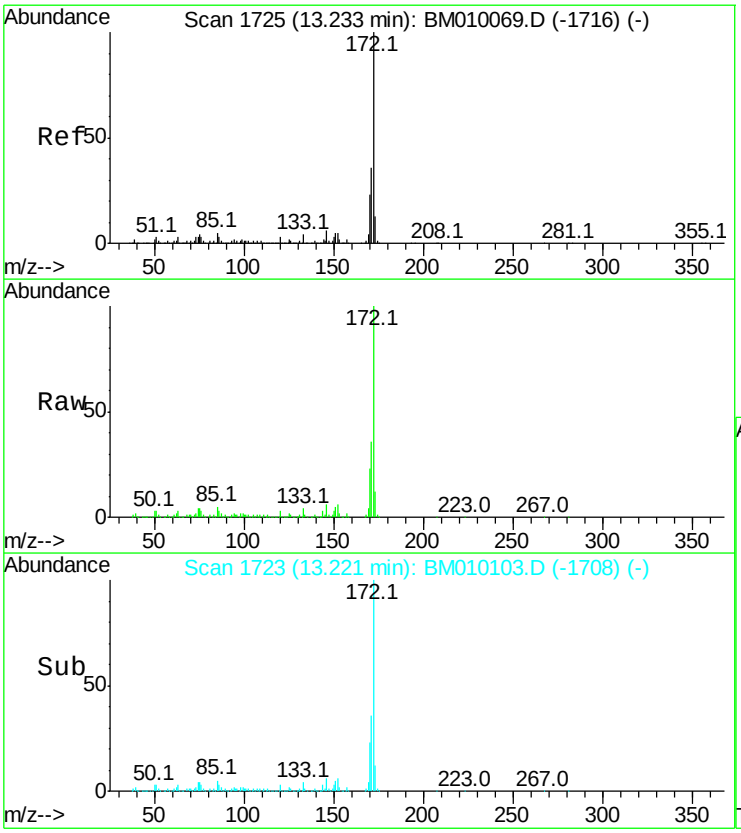
#41
2,4,6-Tribromophenol
Concen: 120.28 ng
RT: 16.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Instrument :
BNA_M
ClientSampleId :
PB99141BL

Tgt Ion:330 Resp: 558404

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	30.9	0.0	0.0#

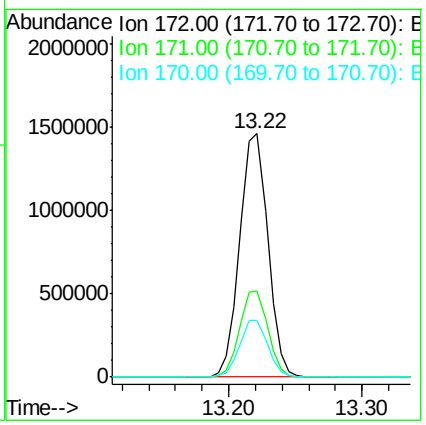


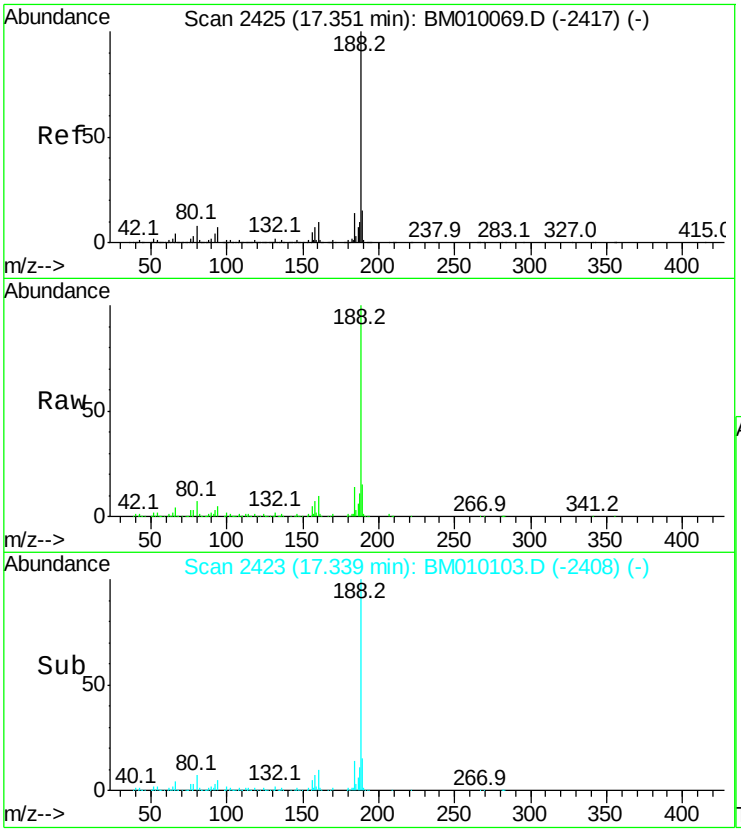


#44
2-Fluorobiphenyl
Concen: 89.71 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Tgt Ion:172 Resp: 2132981

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



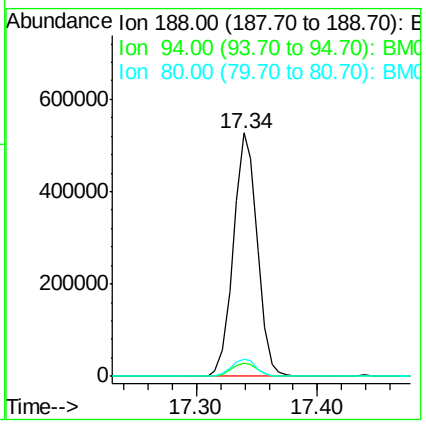


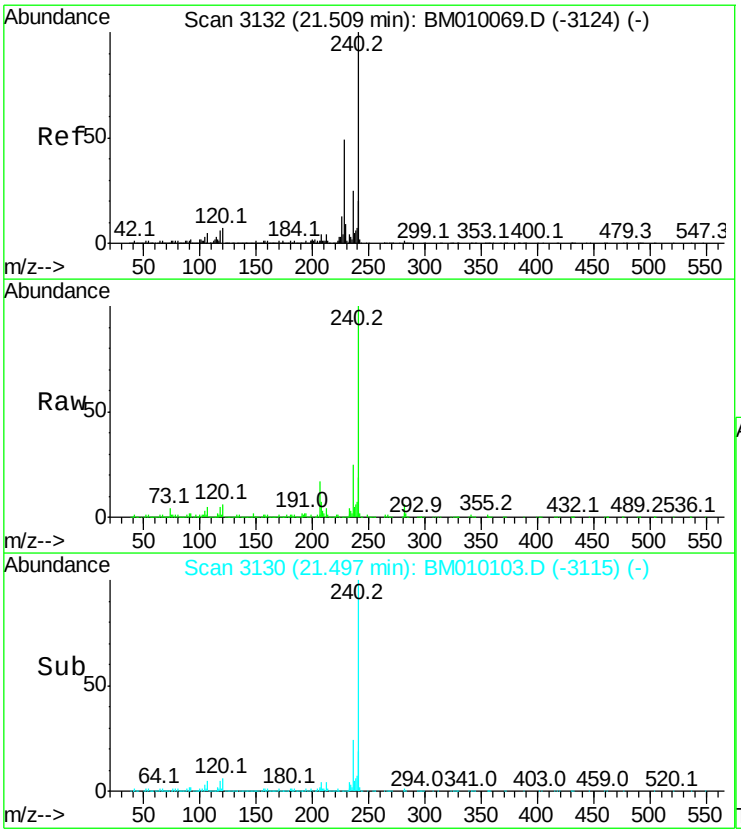
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Instrument :
BNA_M
ClientSampleId :
PB99141BL

Tgt Ion:188 Resp: 727617

Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	7.2	9.3	13.9#

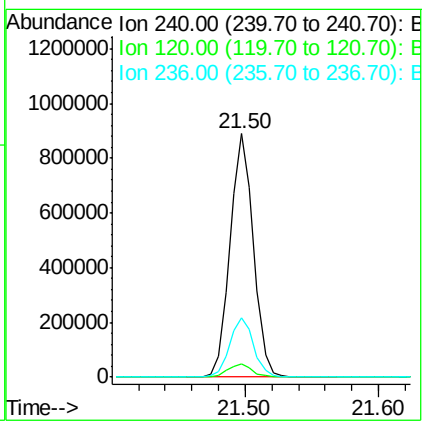


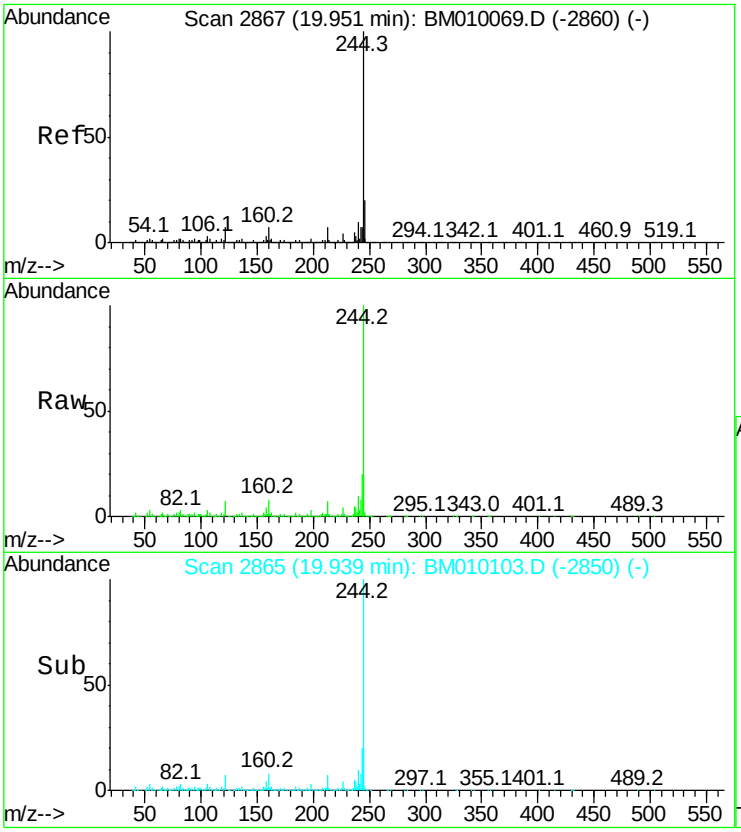


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Tgt Ion:240 Resp: 1089702

Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	24.5	20.0	30.0



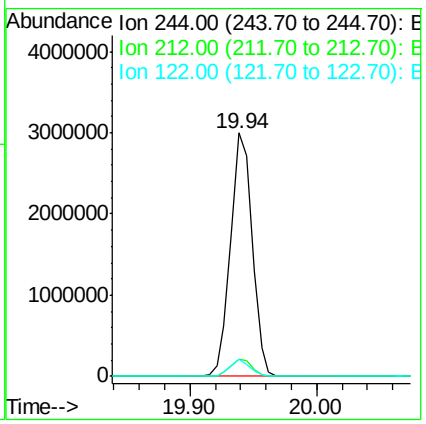


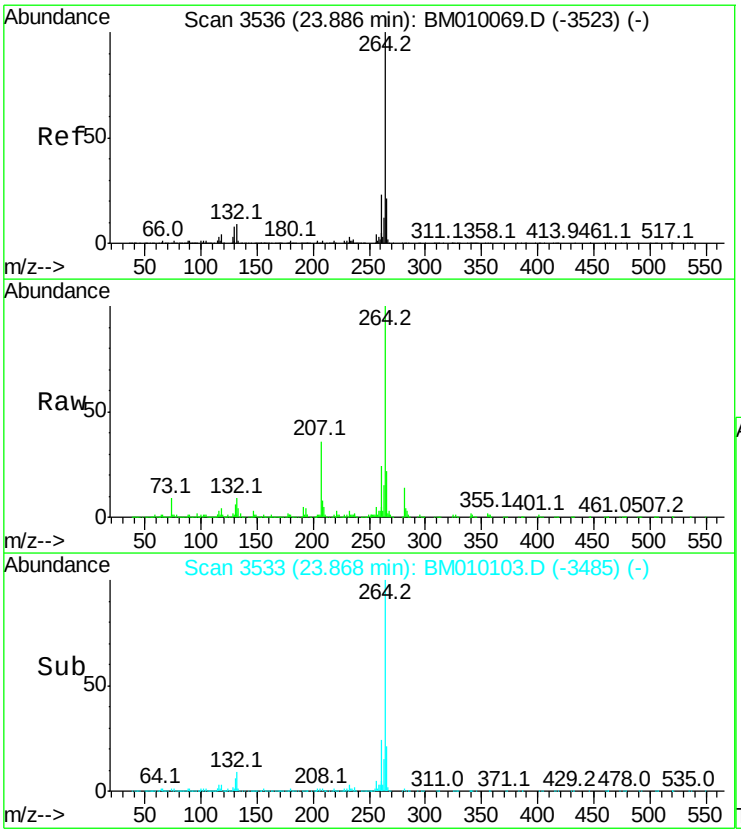
#78
Terphenyl-d14
Concen: 73.48 ng
RT: 19.94 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Instrument :
BNA_M
ClientSampleId :
PB99141BL

Tgt Ion:244 Resp: 3521459

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	6.9	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010103.D
Acq: 22 May 2017 15:35

Tgt Ion:264 Resp: 1260317

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