Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010151.D
Acq On : 23 May 2017 20:41
Operator : SJ/MA
Sample : I3282-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PZ-01

Quant Time: May 24 05:48:35 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	7.95	152	132094	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	446220	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	284721	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	740508	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1140290	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1293916	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	474389	64.85	ng	-0.02
7) Phenol-d6	7.14	99	357446	37.98	ng	-0.03
23) Nitrobenzene-d5	9.15	82	884921	106.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	692689	160.18	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2312965	104.43	ng	-0.02
78) Terphenyl-d14	19.93	244	4441628	88.57	ng	-0.02
Target Compounds						Qvalue

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

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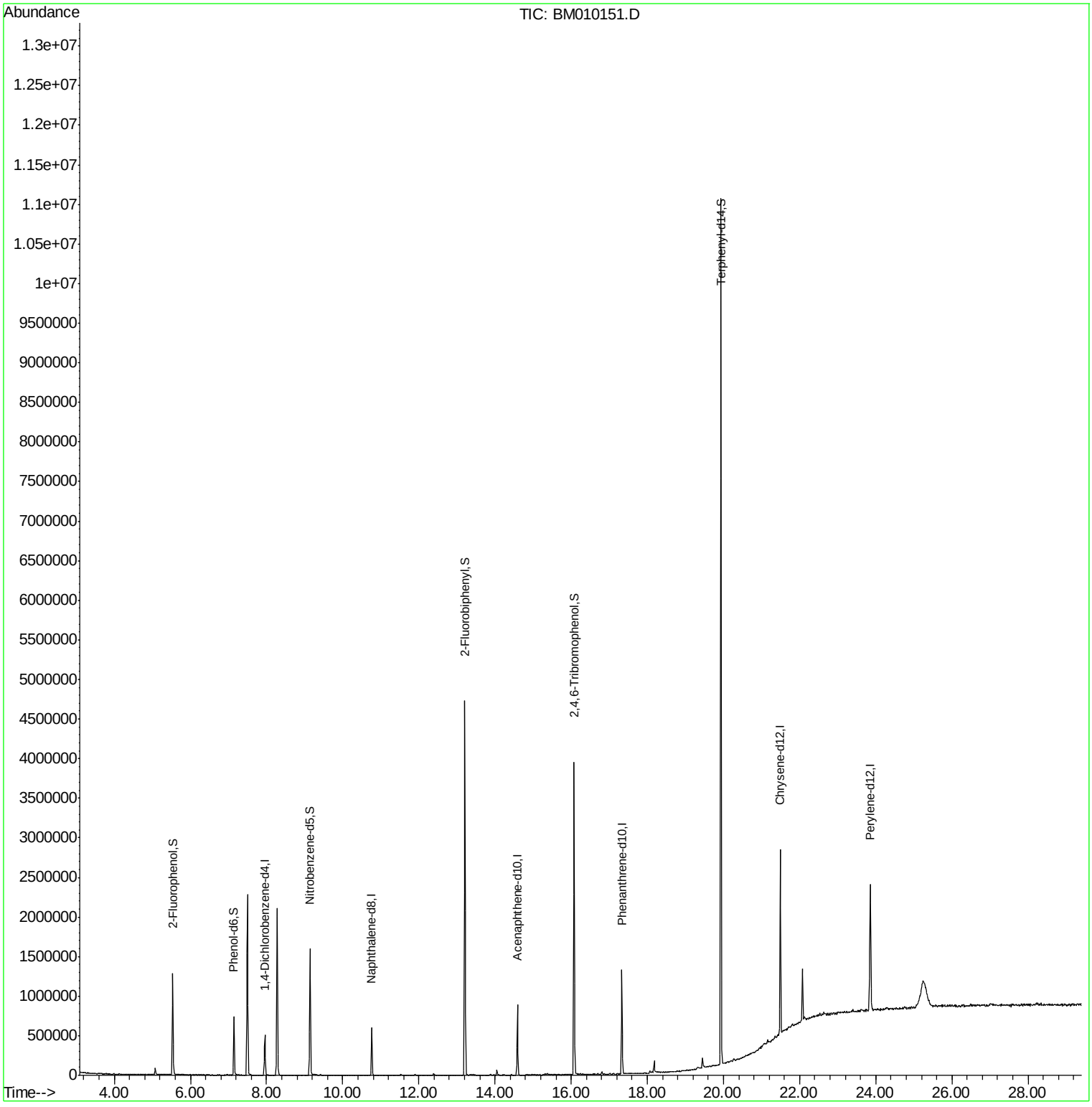
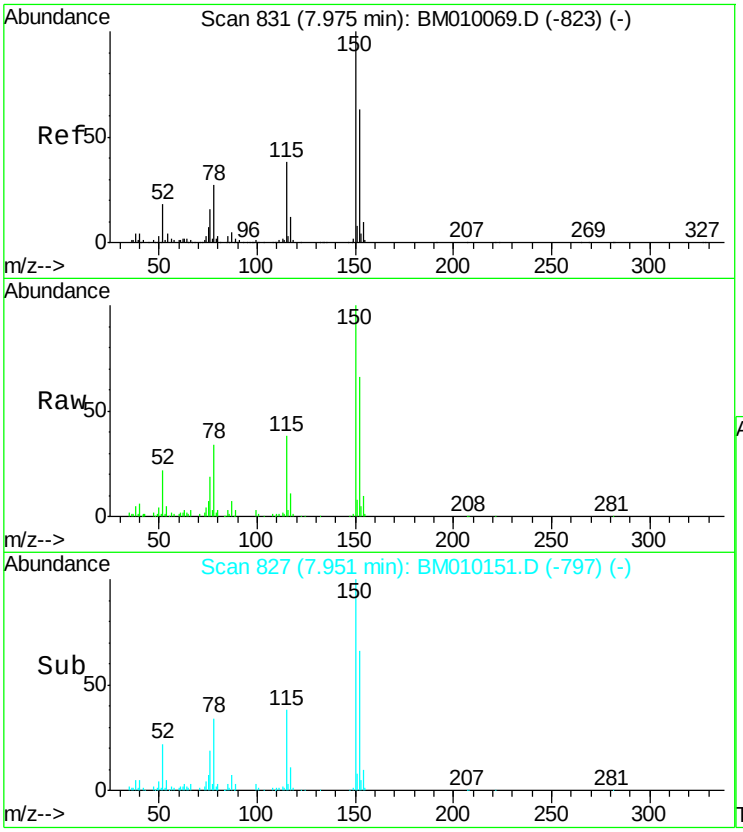


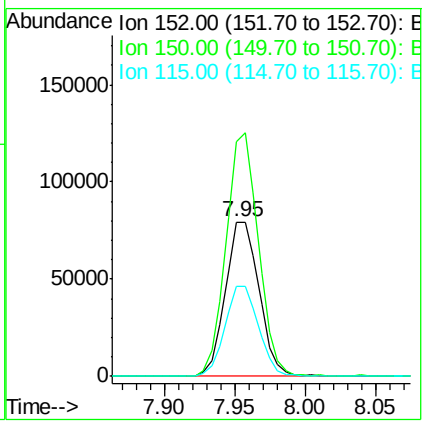


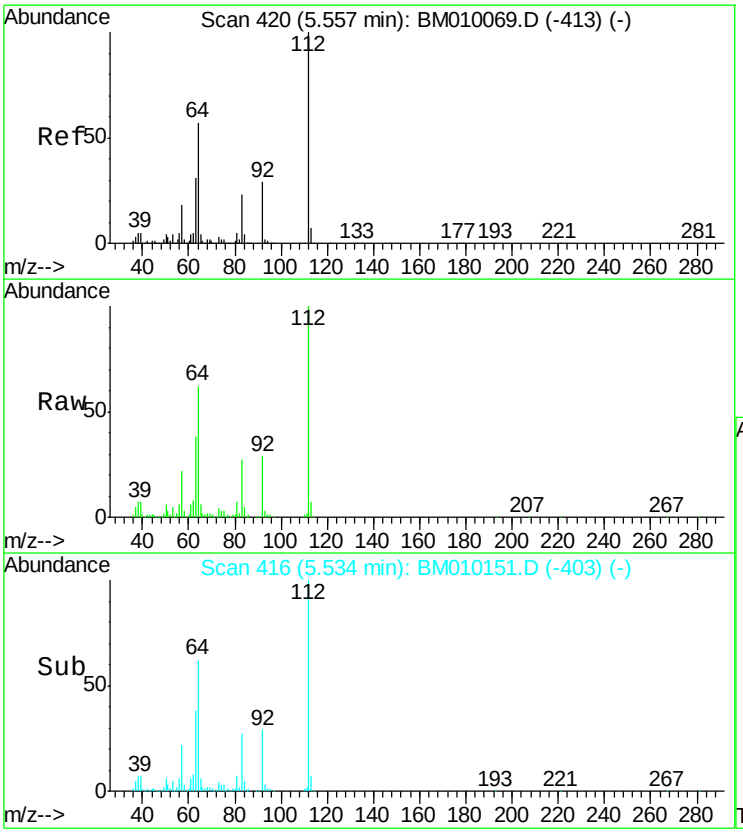
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Instrument :
BNA_M
ClientSampleId :
PZ-01

Tgt Ion:152 Resp: 132094

Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	58.2	43.0	64.4

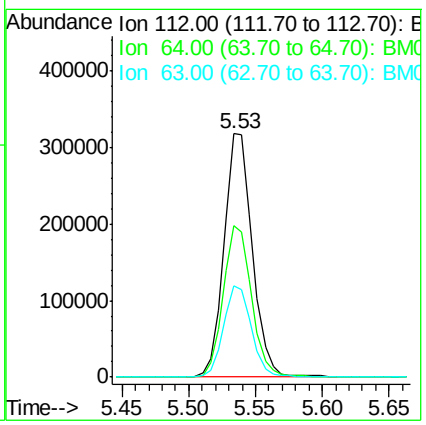


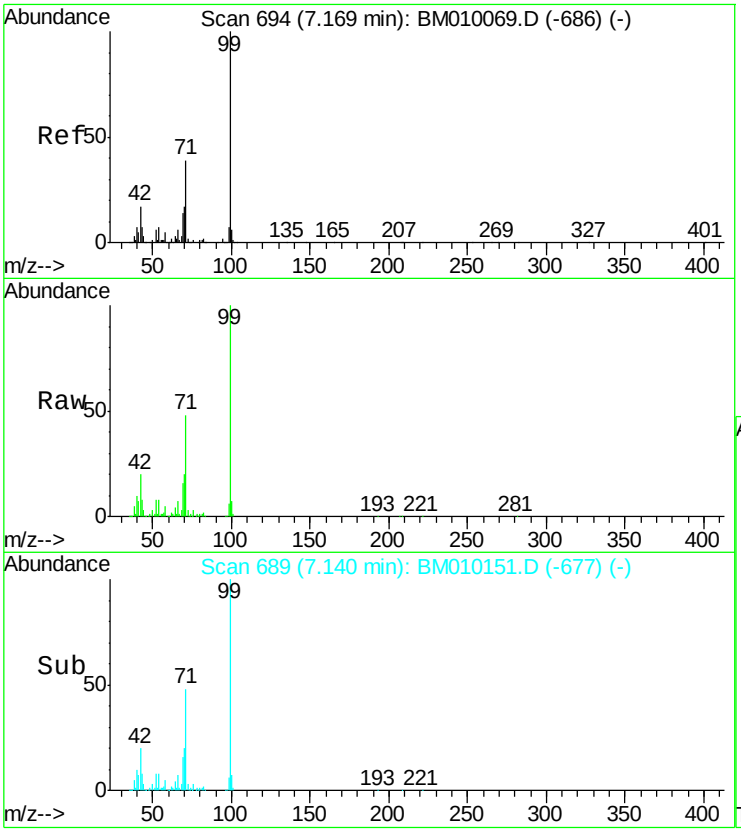


#5
2-Fluorophenol
Concen: 64.85 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Tgt Ion:112 Resp: 474389

Ion	Ratio	Lower	Upper
112	100		
64	62.4	38.6	57.8#
63	37.6	19.3	28.9#



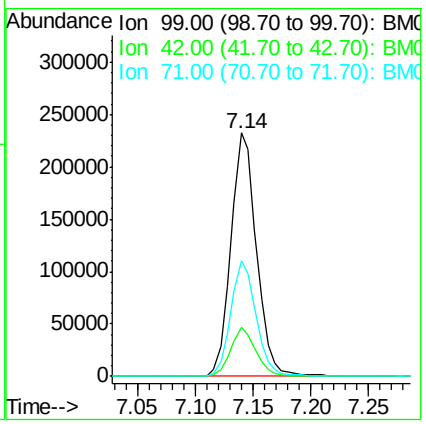


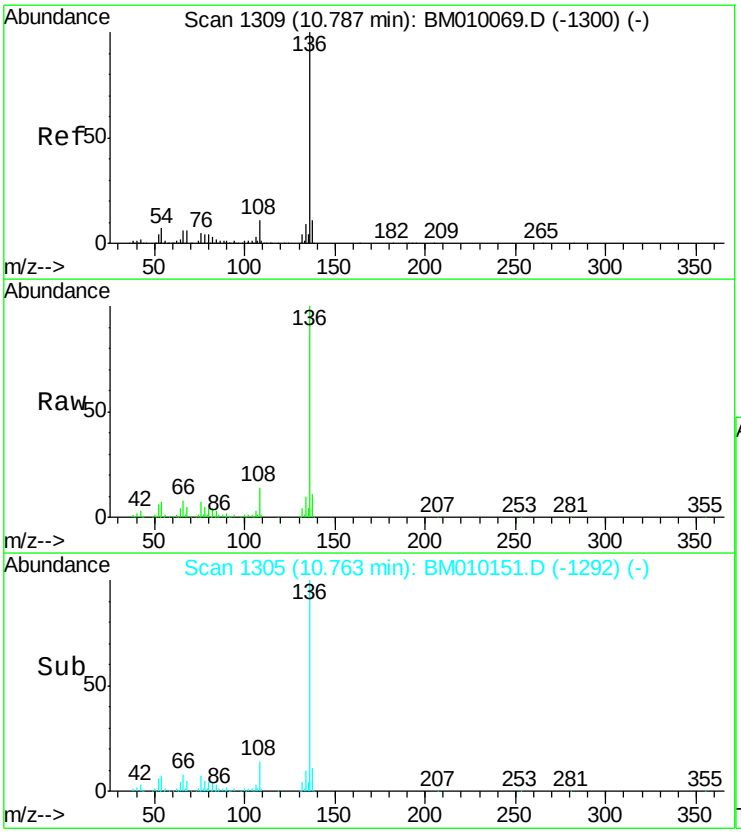
#7
Phenol-d6
Concen: 37.98 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.03 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Instrument :
BNA_M
ClientSampleId :
PZ-01

Tgt Ion: 99 Resp: 357446

Ion	Ratio	Lower	Upper
99	100		
42	20.2	11.0	16.4#
71	47.7	23.4	35.2#

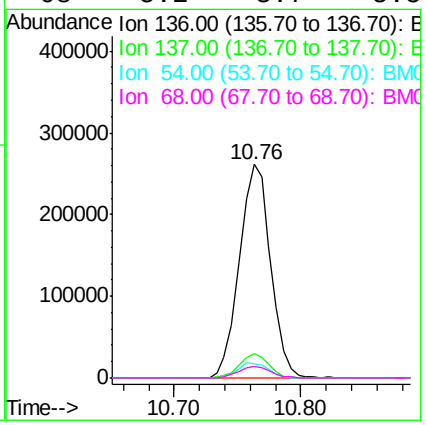


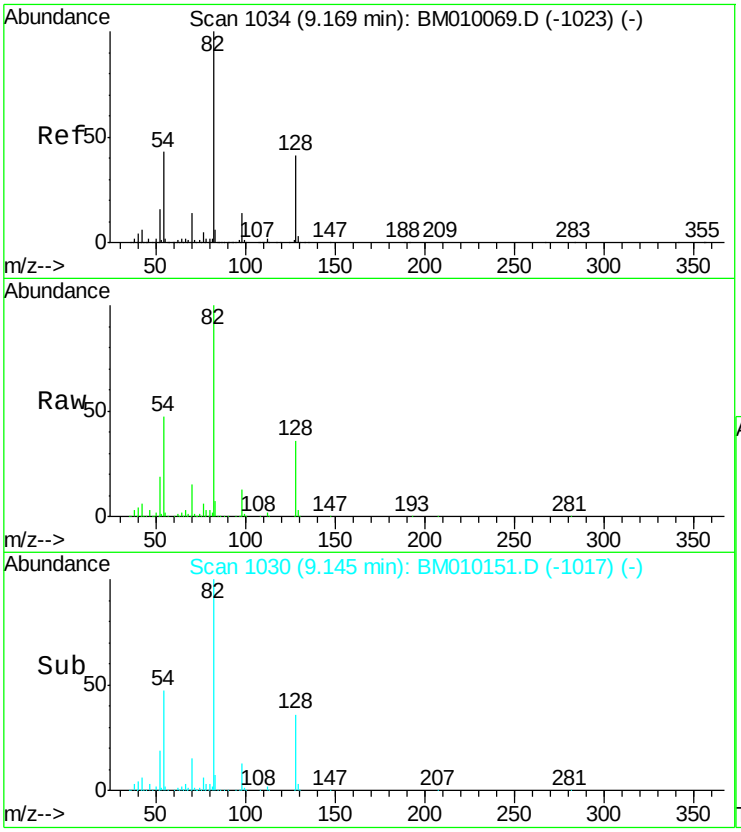


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Tgt Ion:136 Resp: 446220

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.8	4.6	6.8
68	5.2	3.7	5.5



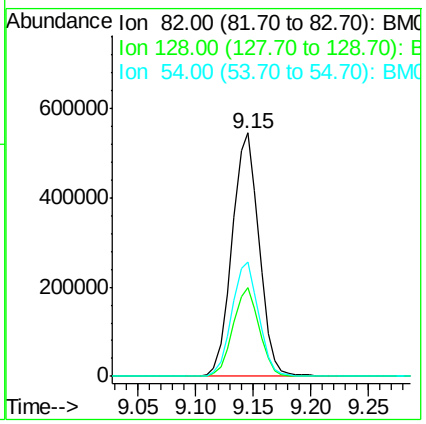


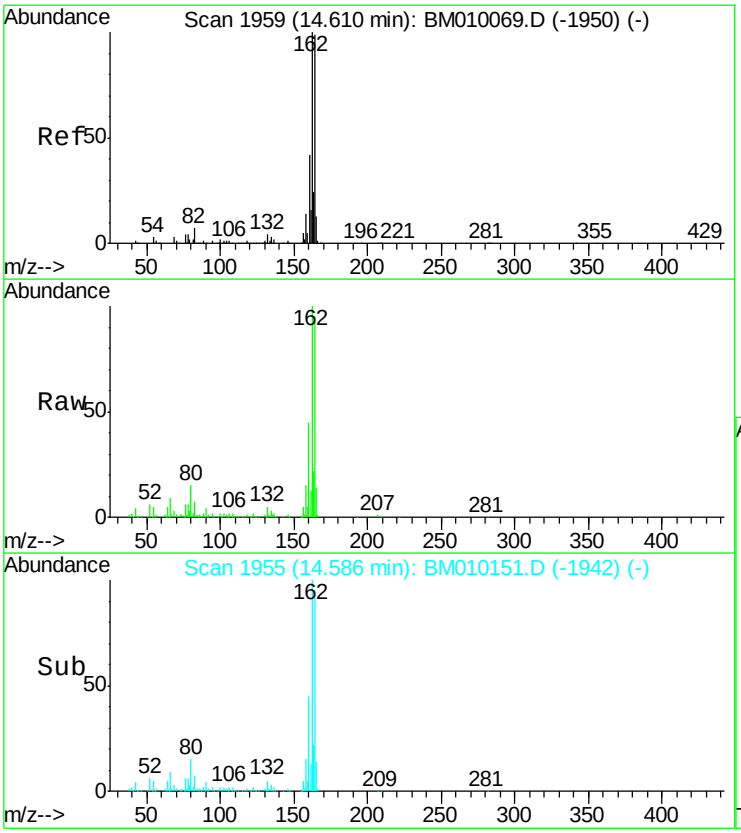
#23
Nitrobenzene-d5
Concen: 106.99 ng
RT: 9.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Instrument :
BNA_M
ClientSampleId :
PZ-01

Tgt Ion: 82 Resp: 884921

Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.8	49.2
54	47.0	40.6	60.8

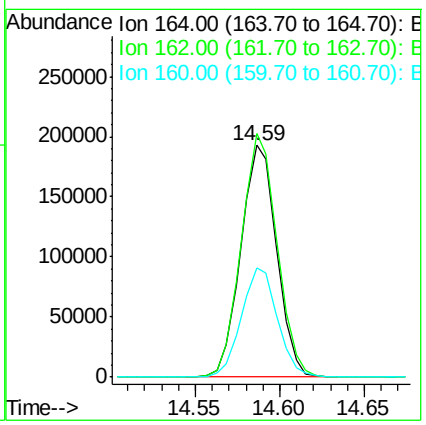


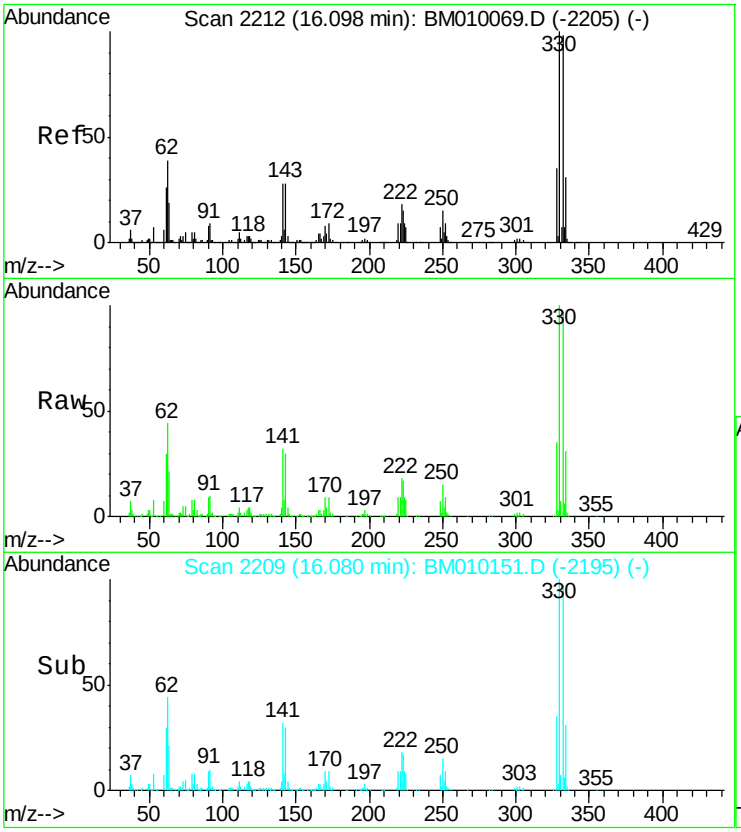


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Tgt Ion:164 Resp: 284721

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	47.2	35.8	53.6



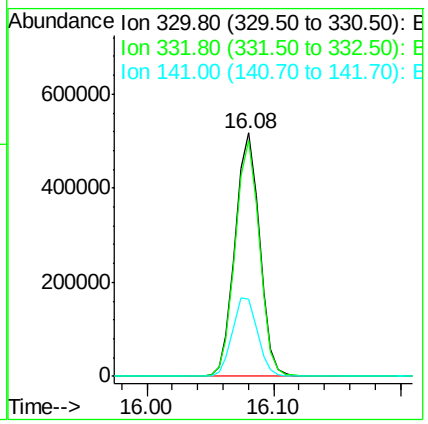


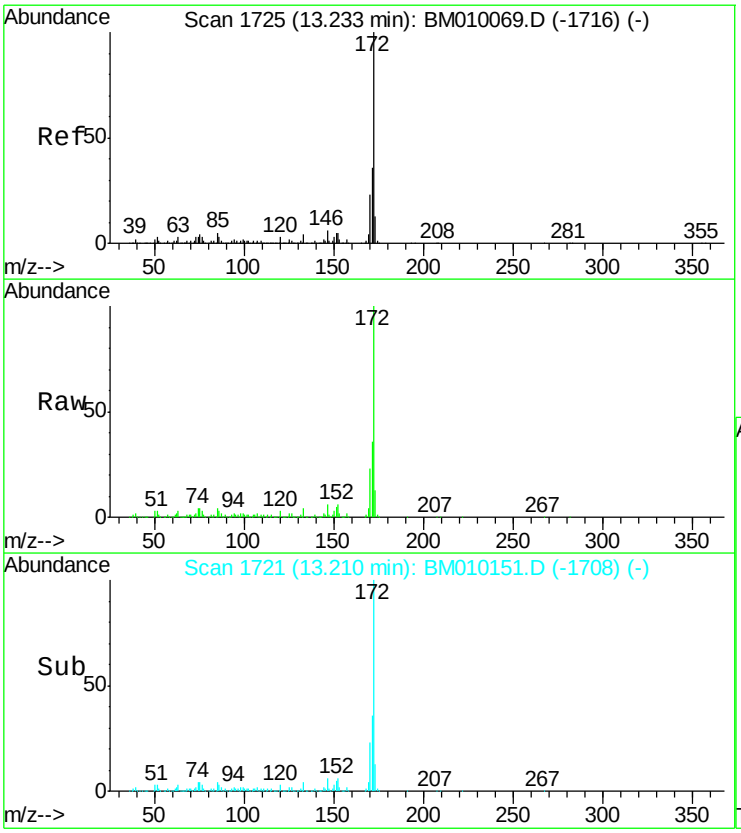
#41
2,4,6-Tribromophenol
Concen: 160.18 ng
RT: 16.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Instrument :
BNA_M
ClientSampleId :
PZ-01

Tgt Ion:330 Resp: 692689

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	33.2	0.0	0.0#

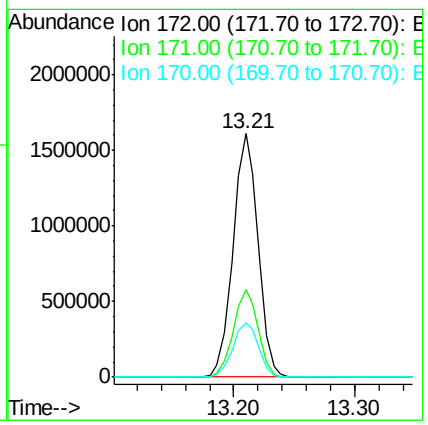


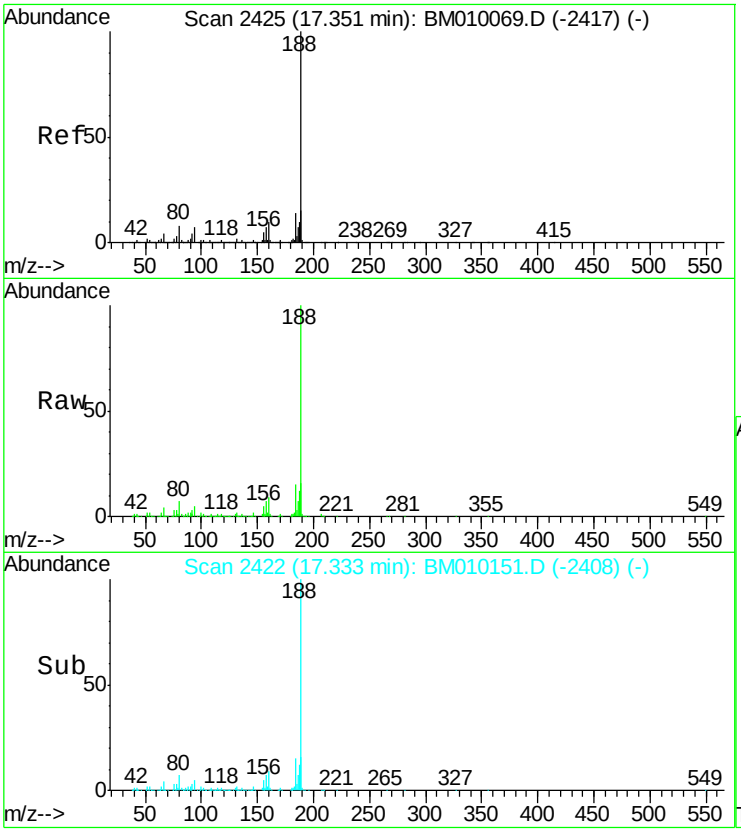


#44
2-Fluorobiphenyl
Concen: 104.43 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Tgt Ion:172 Resp: 2312965

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	22.5	18.8	28.2



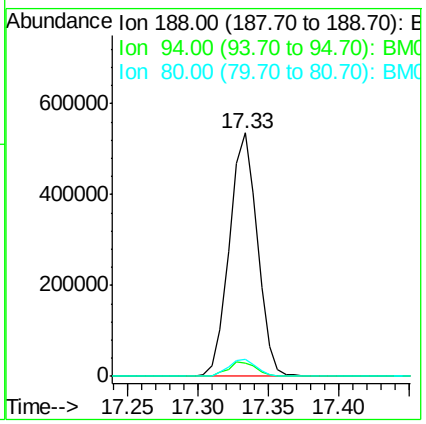


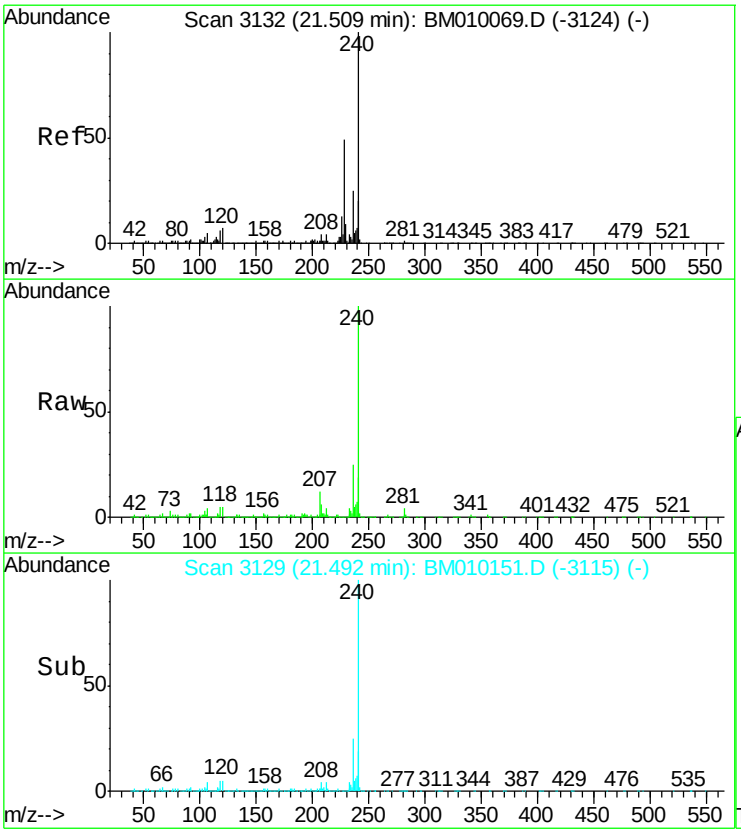
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Instrument :
BNA_M
ClientSampleId :
PZ-01

Tgt Ion:188 Resp: 740508

Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.9	9.3	13.9#

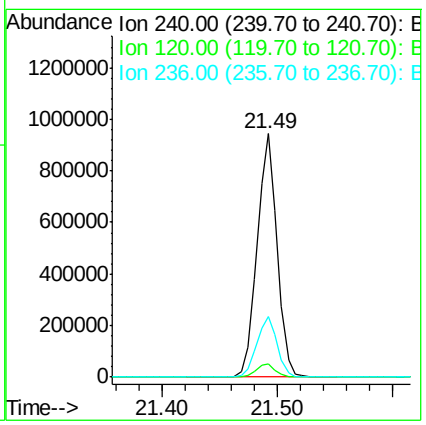


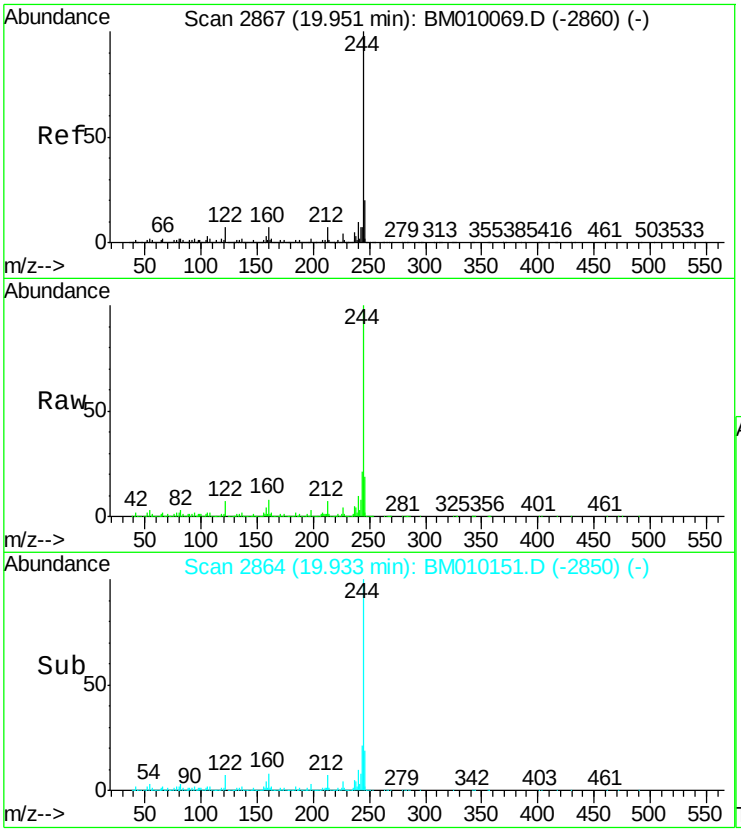


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Tgt Ion:240 Resp: 1140290

Ion	Ratio	Lower	Upper
240	100		
120	5.4	8.2	12.2#
236	24.9	20.0	30.0



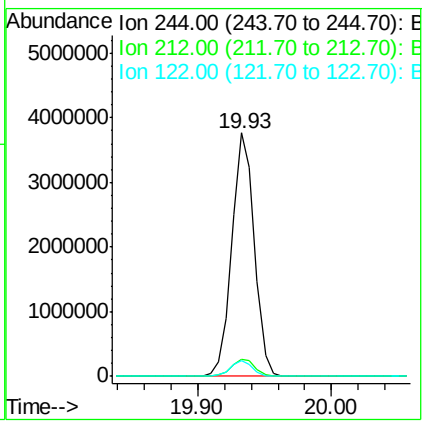


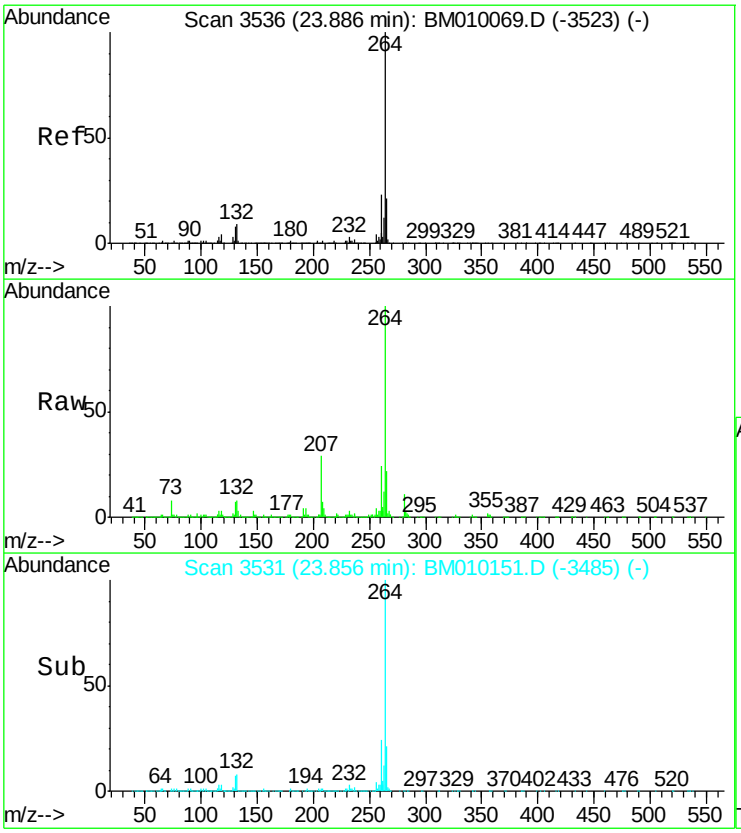
#78
Terphenyl-d14
Concen: 88.57 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Instrument :
BNA_M
ClientSampleId :
PZ-01

Tgt Ion:244 Resp: 4441628

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.7	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BM010151.D
Acq: 23 May 2017 20:41

Tgt Ion:264 Resp: 1293916

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.3	17.3	25.9