Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010169.D
Acq On : 24 May 2017 07:58
Operator : SJ/MA
Sample : I3248-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-10-9.5-10.0

Quant Time: May 24 08:32:10 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	130097	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	449942	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	290401	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	738676	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1101663	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1234533	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1194188	165.76	ng	-0.02
7) Phenol-d6	7.15	99	1493751	161.14	ng	-0.02
23) Nitrobenzene-d5	9.14	82	919703	110.28	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	711091	161.22	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2210803	97.87	ng	-0.02
78) Terphenyl-d14	19.93	244	3954950	81.63	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.05	163	342340	13.22	ng	# 98

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

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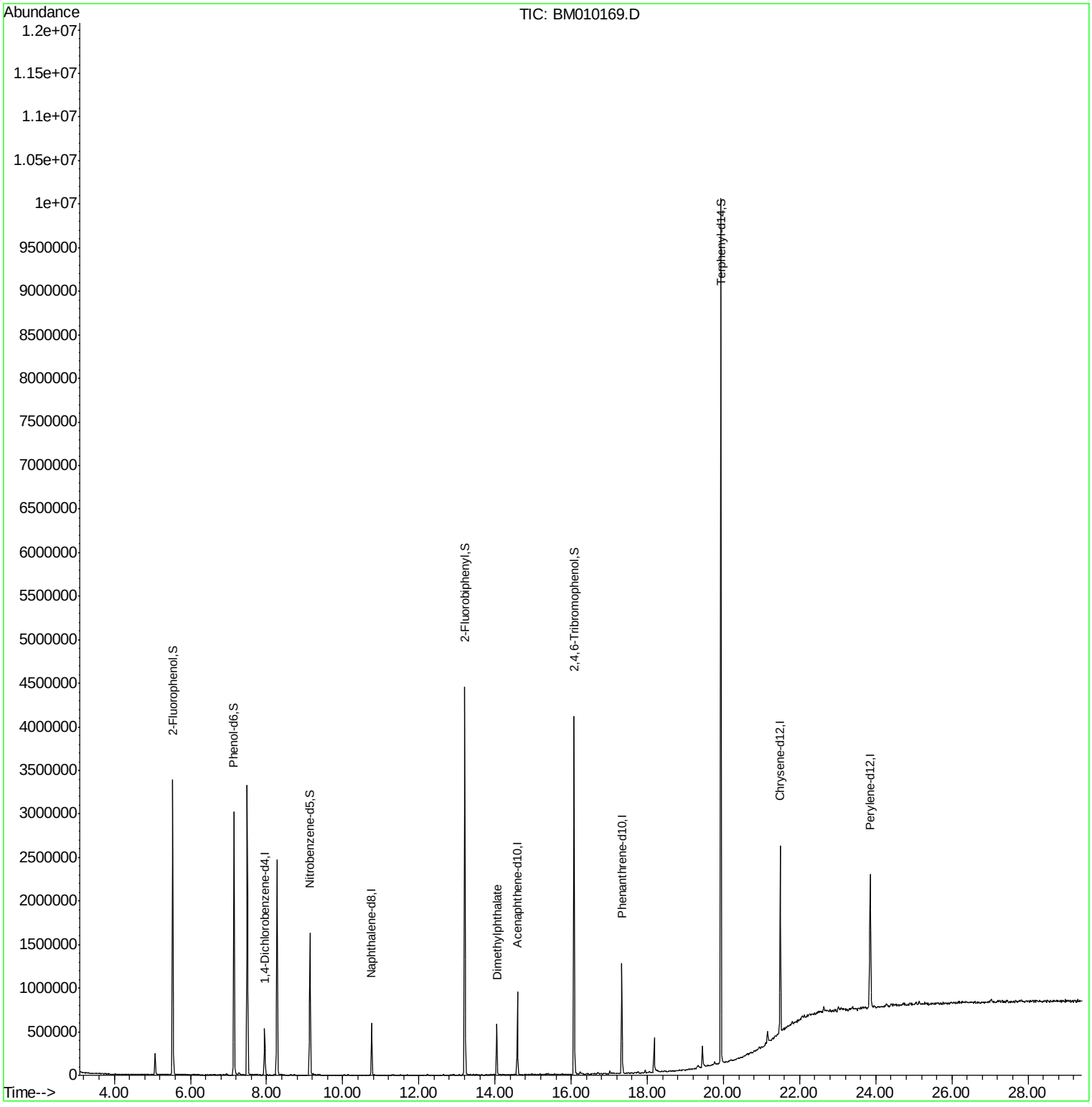
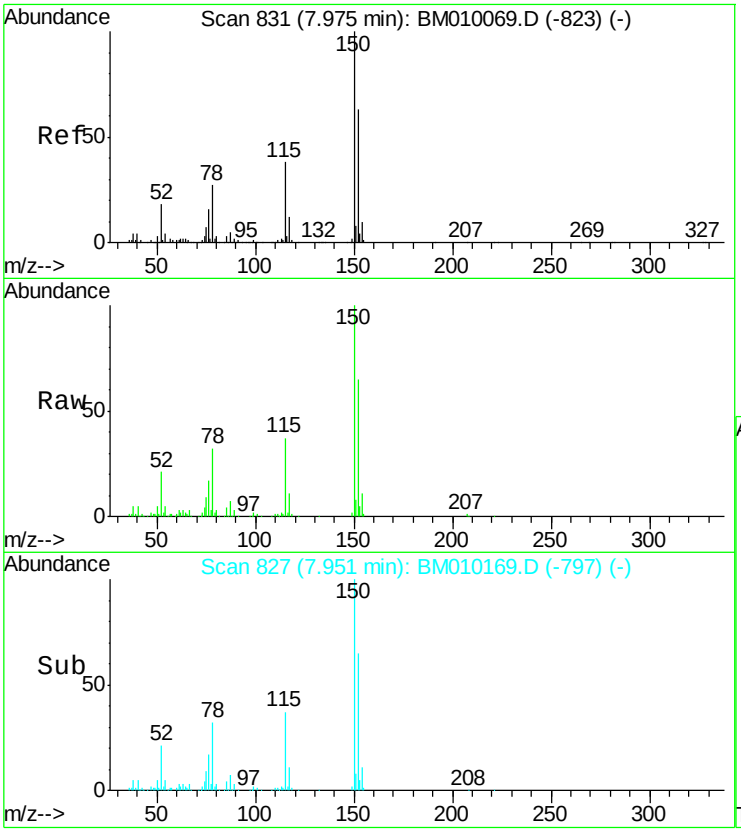


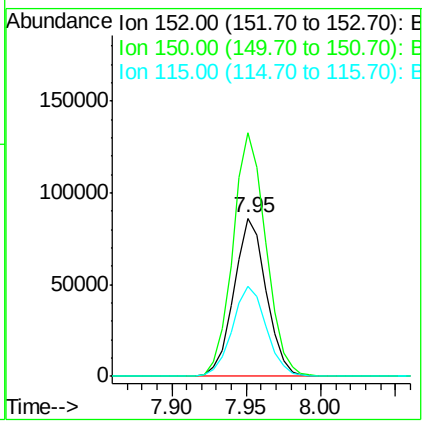


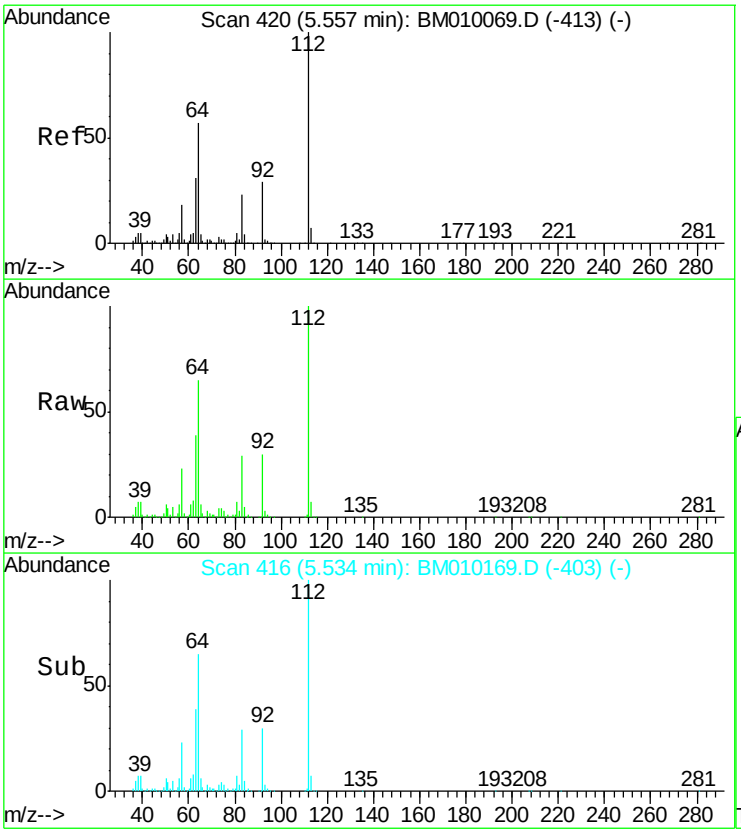
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Instrument :
BNA_M
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:152 Resp: 130097

Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	56.8	43.0	64.4

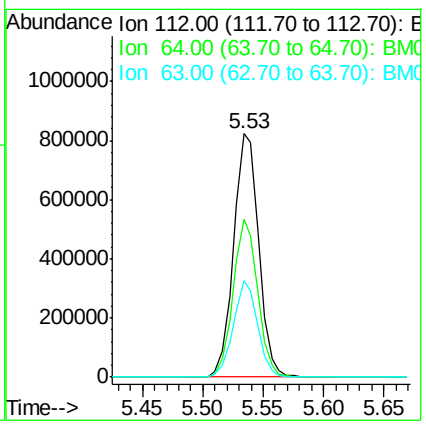


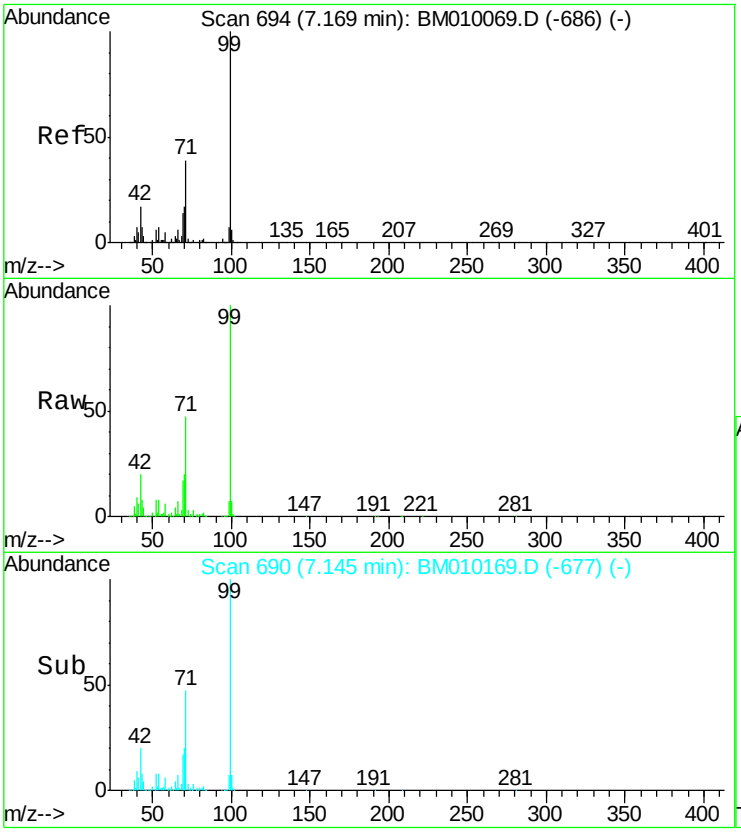


#5
2-Fluorophenol
Concen: 165.76 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Tgt Ion:112 Resp: 1194188

Ion	Ratio	Lower	Upper
112	100		
64	65.1	38.6	57.8#
63	39.4	19.3	28.9#



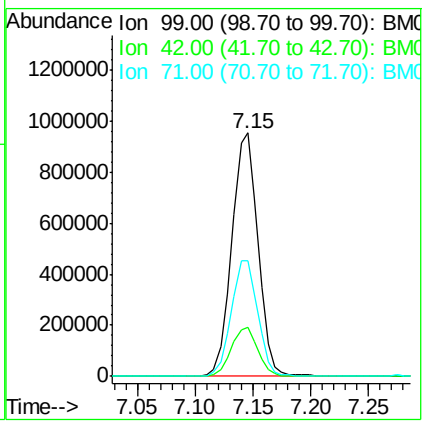


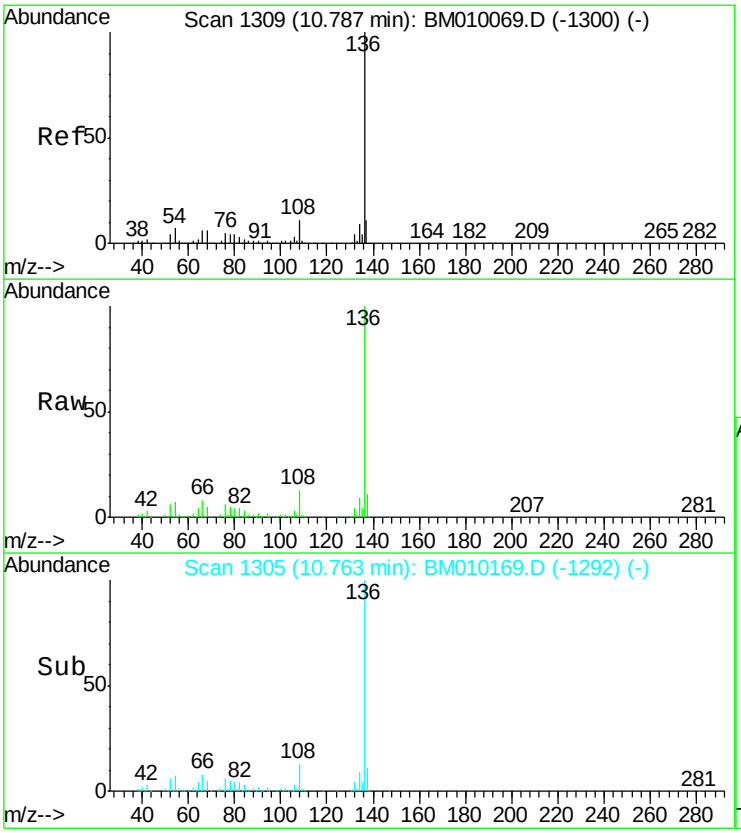
#7
Phenol-d6
Concen: 161.14 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Instrument :
BNA_M
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion: 99 Resp: 1493751

Ion	Ratio	Lower	Upper
99	100		
42	20.1	11.0	16.4#
71	47.2	23.4	35.2#

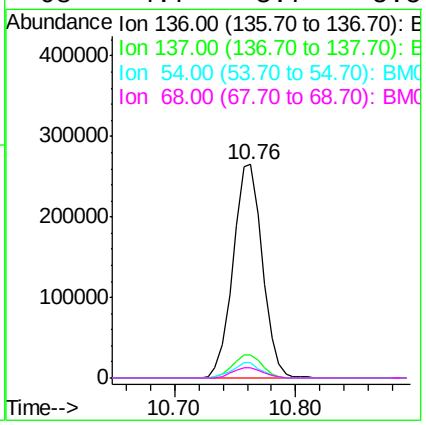


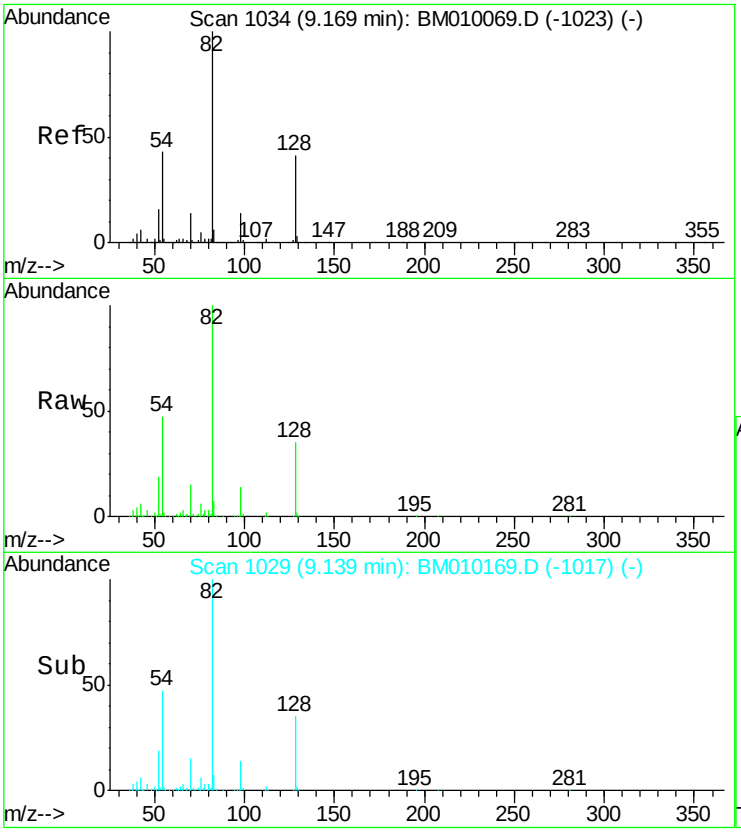


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Tgt Ion:136 Resp: 449942

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.3	4.6	6.8#
68	4.7	3.7	5.5



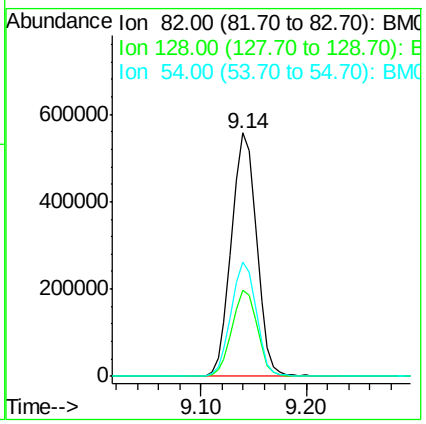


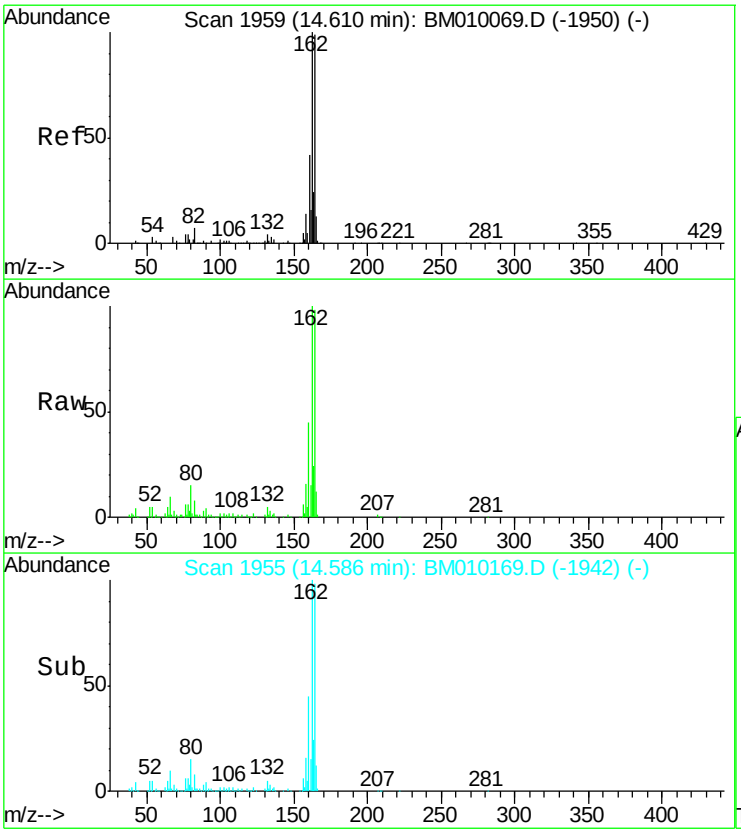
#23
Nitrobenzene-d5
Concen: 110.28 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Instrument :
BNA_M
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion: 82 Resp: 919703

Ion	Ratio	Lower	Upper
82	100		
128	35.3	32.8	49.2
54	47.2	40.6	60.8

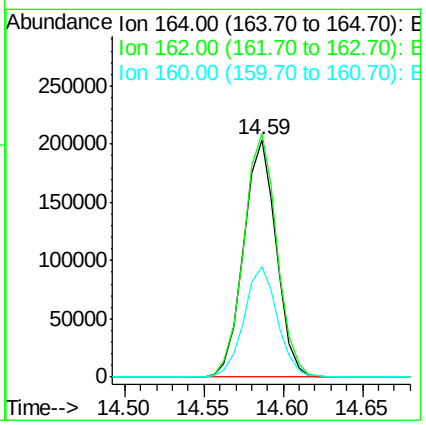


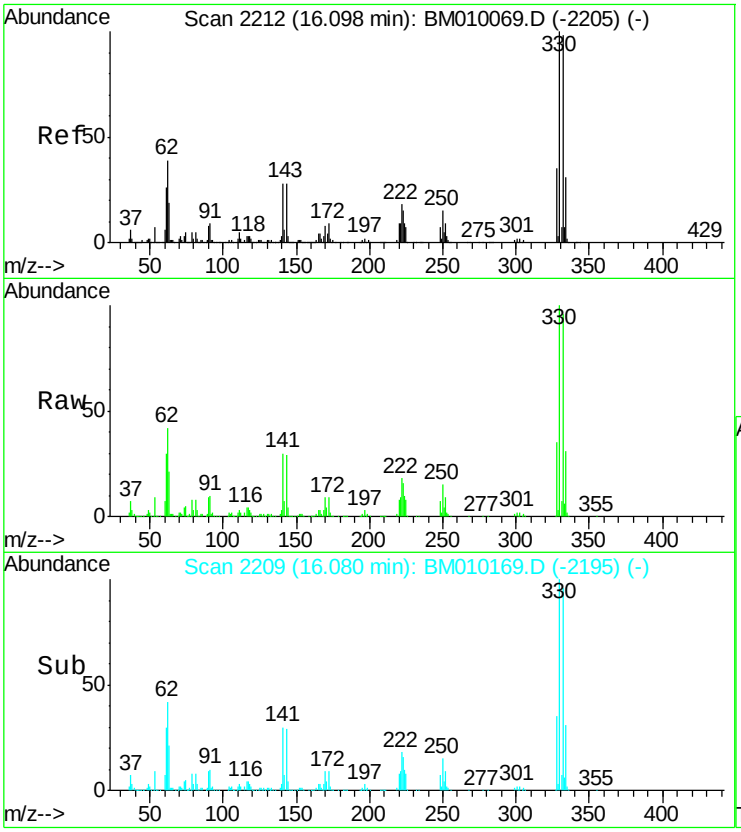


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Tgt Ion:164 Resp: 290401

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	46.6	35.8	53.6



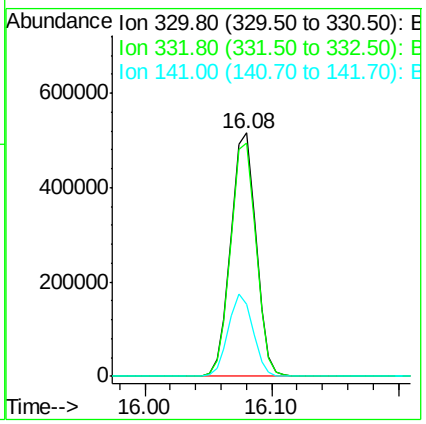


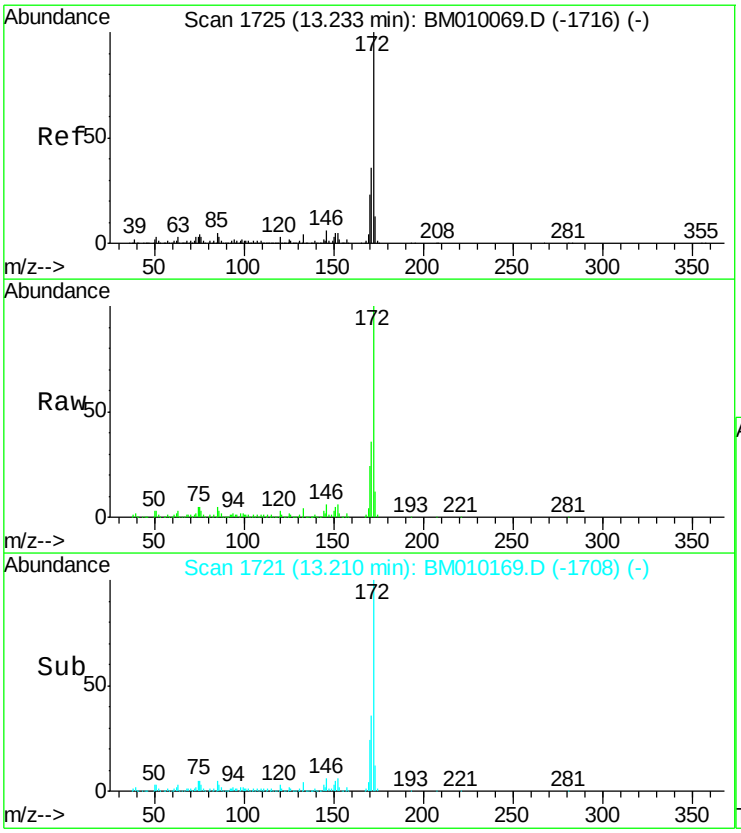
#41
2,4,6-Tribromophenol
Concen: 161.22 ng
RT: 16.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Instrument :
BNA_M
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:330 Resp: 711091

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	33.1	0.0	0.0#

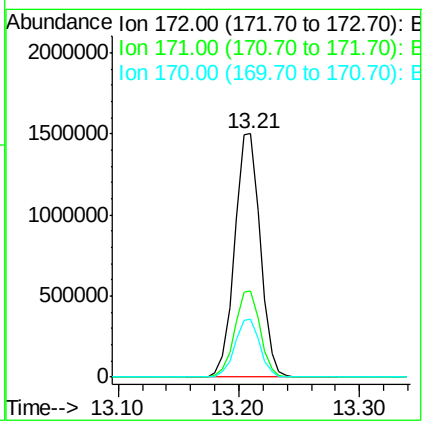


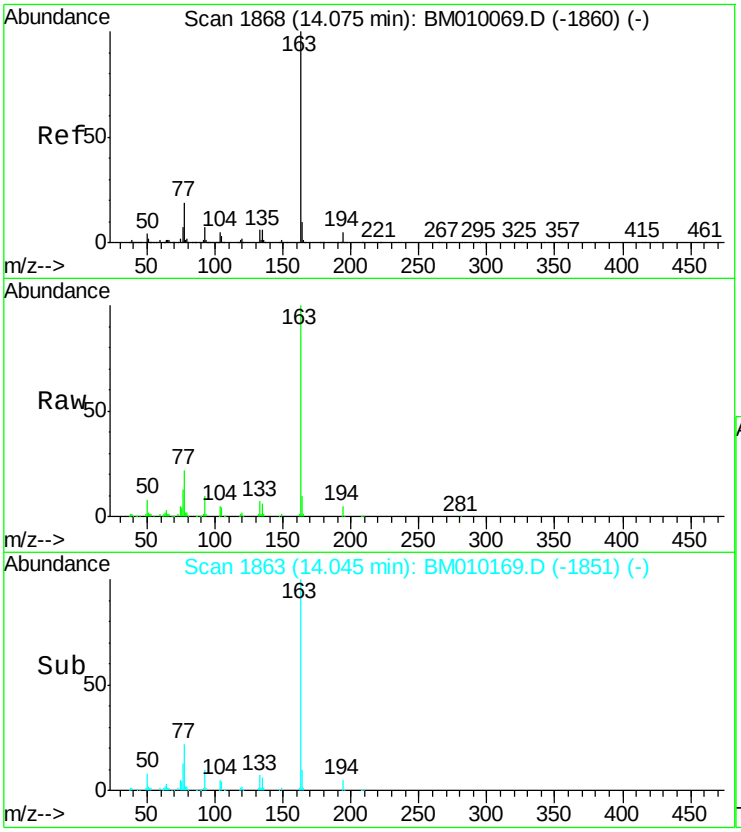


#44
2-Fluorobiphenyl
Concen: 97.87 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Tgt Ion:172 Resp: 2210803

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.8	18.8	28.2



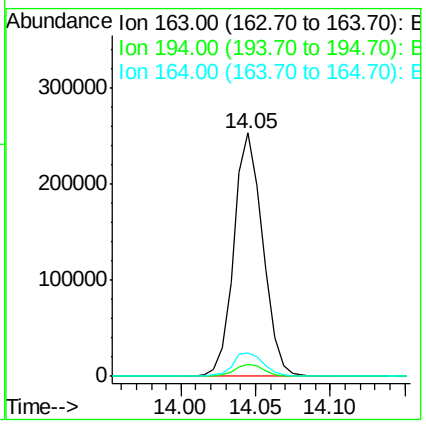


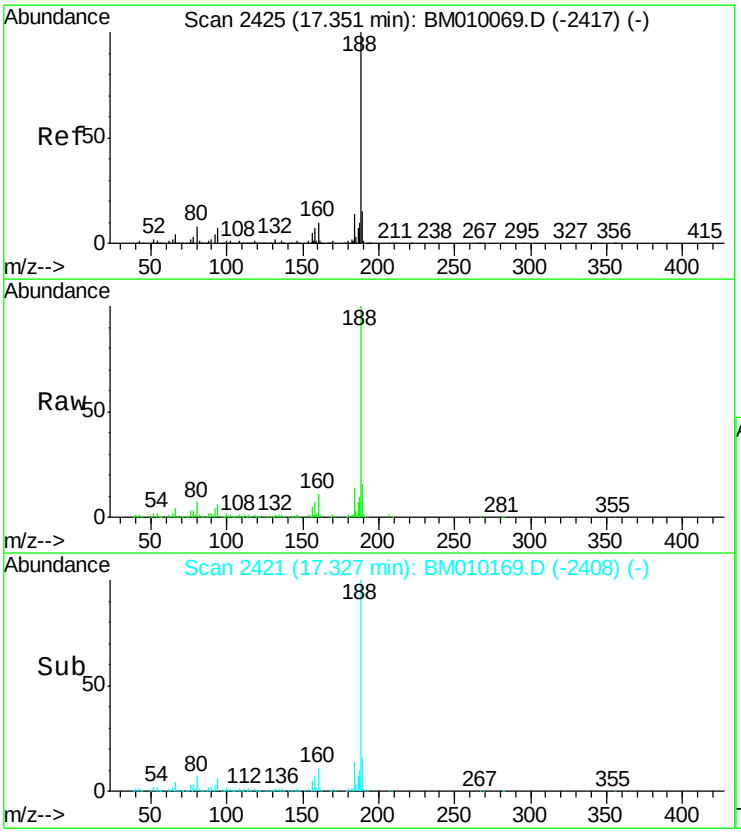
#49
Dimethylphthalate
Concen: 13.22 ng
RT: 14.05 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Instrument :
BNA_M
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:163 Resp: 342340

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	9.9	8.2	12.2

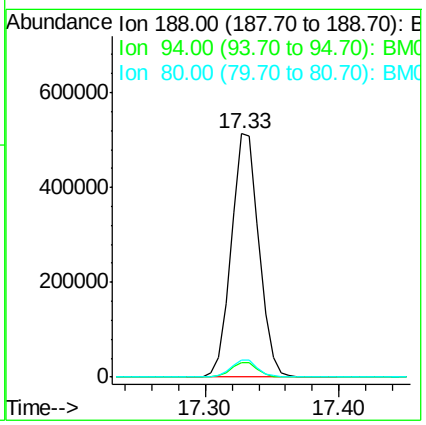


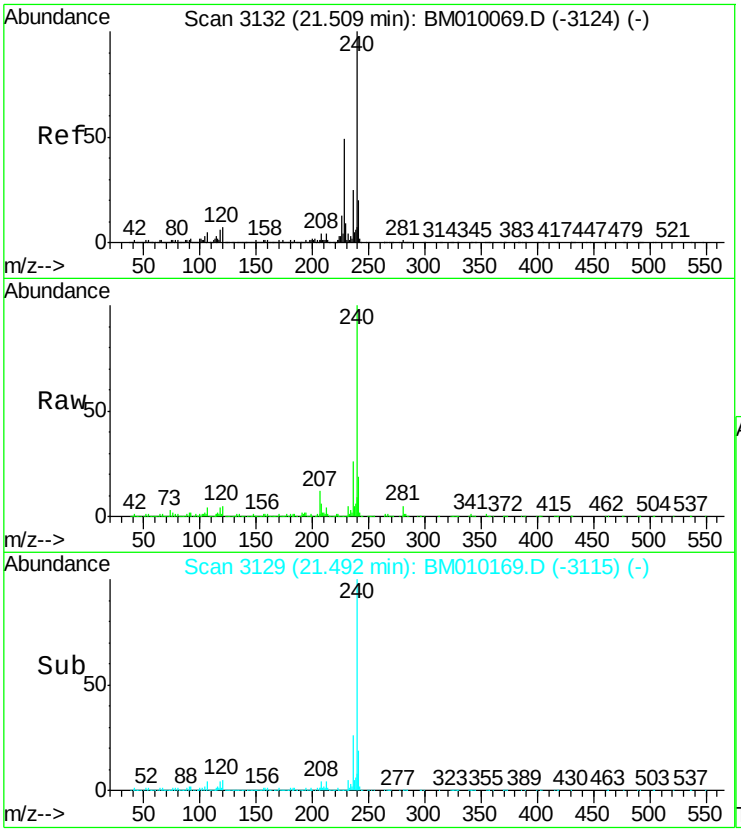


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Tgt Ion:188 Resp: 738676

Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	7.2	9.3	13.9#



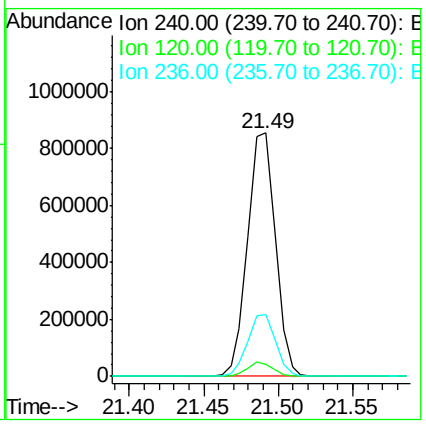


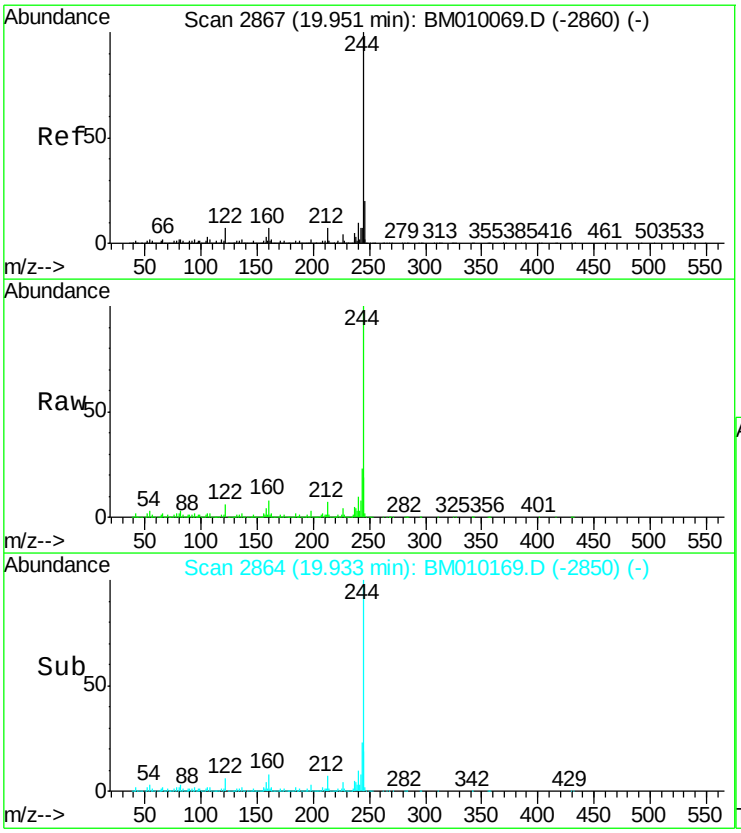
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Instrument :
BNA_M
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:240 Resp: 1101663

Ion	Ratio	Lower	Upper
240	100		
120	4.7	8.2	12.2#
236	25.7	20.0	30.0

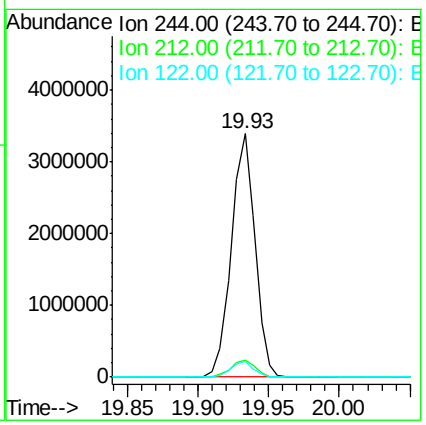


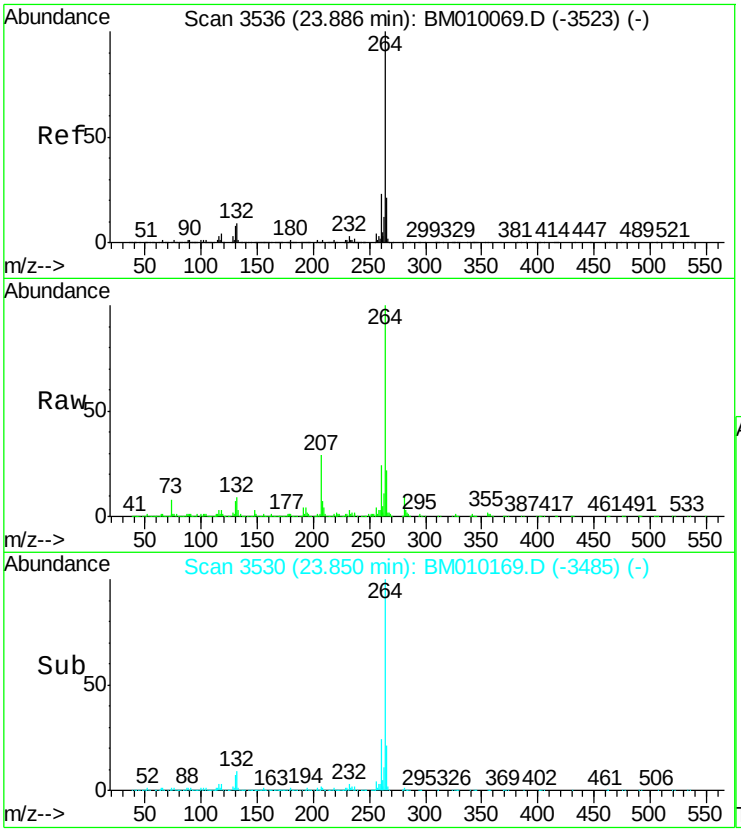


#78
Terphenyl-d14
Concen: 81.63 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Tgt Ion:244 Resp: 3954950

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.4	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010169.D
Acq: 24 May 2017 07:58

Instrument :
BNA_M
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:264 Resp: 1234533

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.5	17.3	25.9