Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018749.D
Acq On : 07 Feb 2019 22:05
Operator : JU/SJ
Sample : K1390-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-06(13-14)

Quant Time: Feb 08 10:08:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	298437	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1118574	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	576687	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1173596	20.00	ng		0.00
76) Chrysene-d12	21.30	240	1108430	20.00	ng		-0.01
87) Perylene-d12	23.56	264	1176374	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2311020	142.99	ng		0.00
7) Phenol-d6	6.89	99	2953843	143.89	ng		0.00
23) Nitrobenzene-d5	8.88	82	1720098	89.15	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	970484	132.17	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	3552743	80.39	ng		0.00
79) Terphenyl-d14	19.75	244	4010386	76.27	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.92	94	43705	2.10	ng		87
32) Benzoic acid	9.85	122	322	6.53	ng	#	1
35) Caprolactam	11.50	113	117362	21.07	ng	#	55
50) Dimethylphthalate	13.83	163	215487	4.55	ng	#	94
54) 2,4-Dinitrophenol	14.48	184	144	7.23	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.54	198	1746	5.60	ng	#	1
66) n-Nitrosodiphenylamine	15.61	169	73743	2.03	ng	#	55

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

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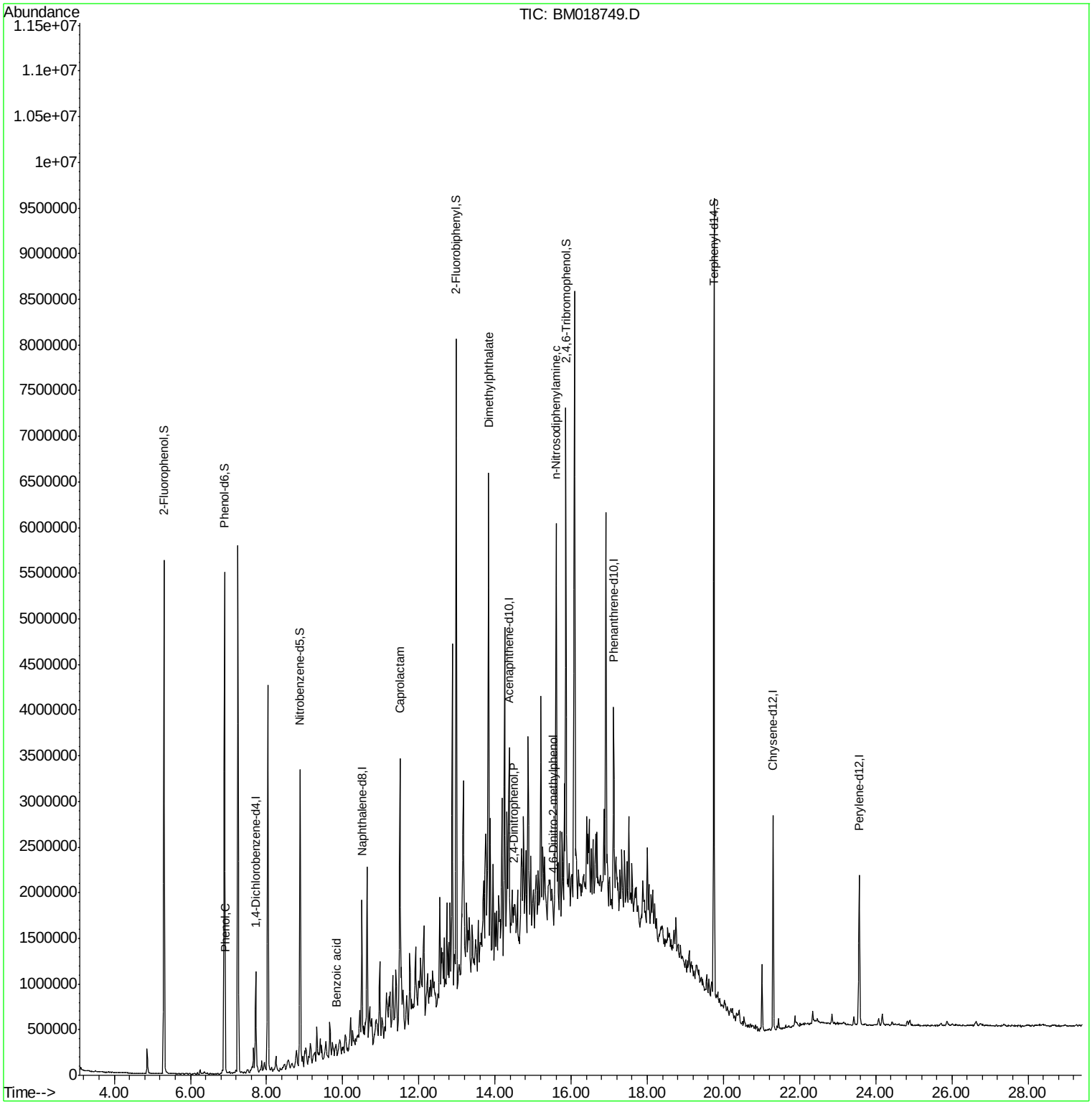
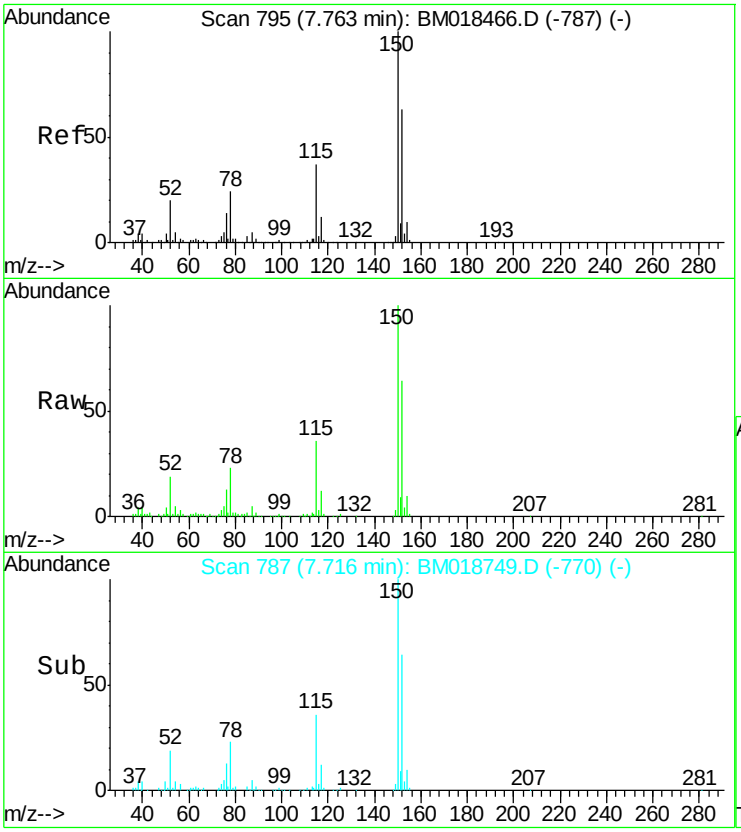


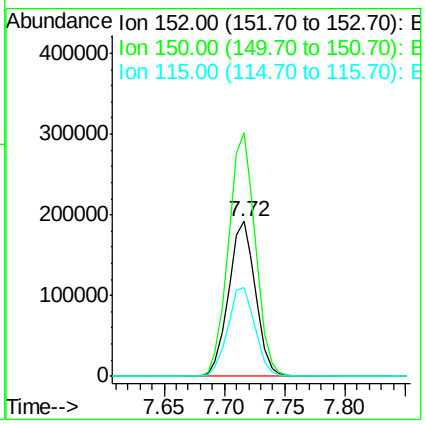


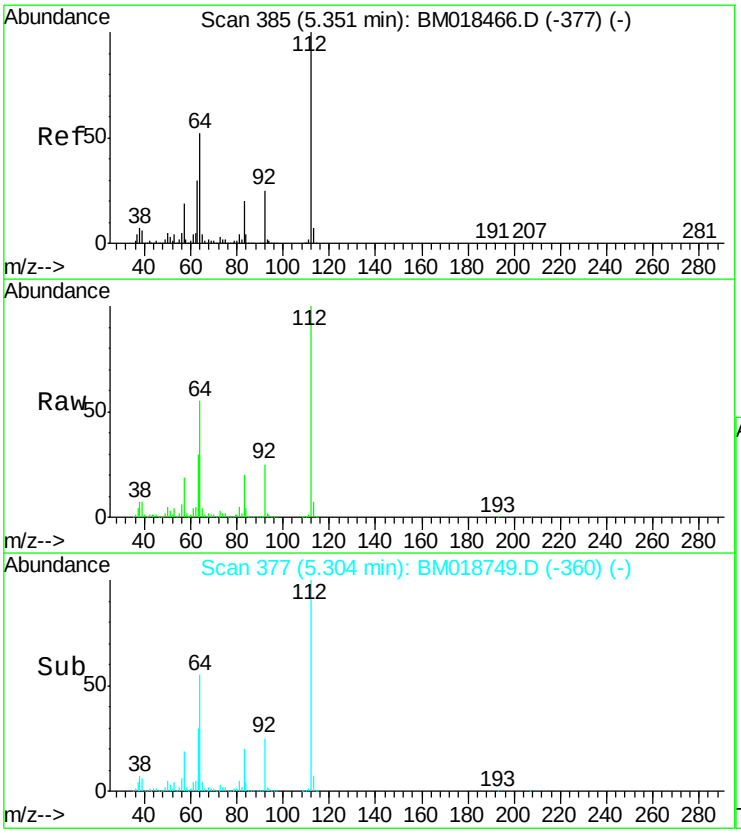
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:152 Resp: 298437

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	57.3	45.5	68.3

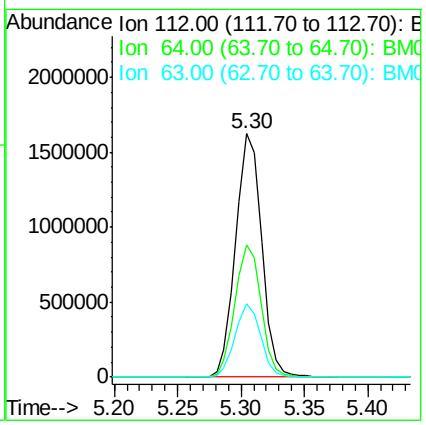


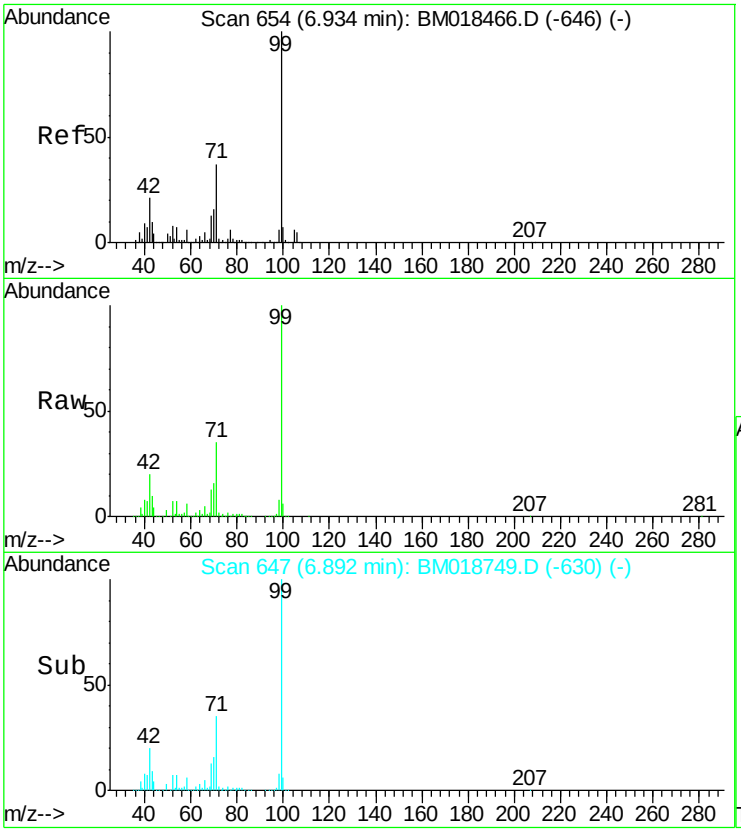


#5
2-Fluorophenol
Concen: 142.99 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion:112 Resp: 2311020

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.5	69.7
63	30.2	25.2	37.8



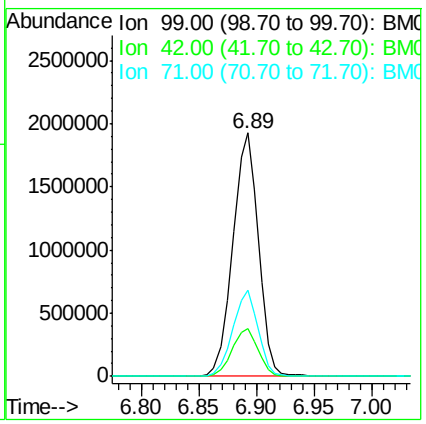


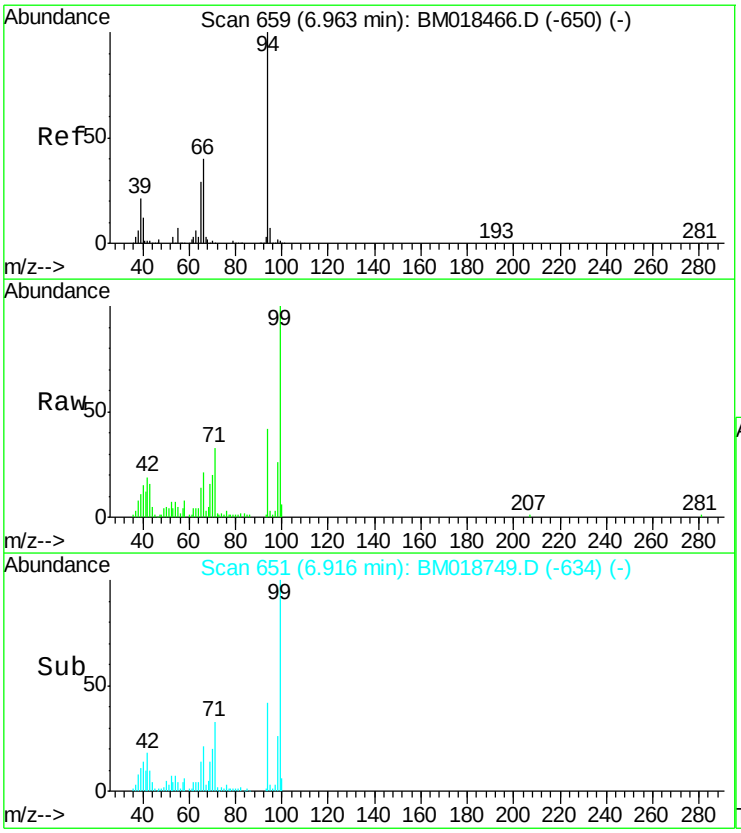
#7
Phenol-d6
Concen: 143.89 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion: 99 Resp: 2953843

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	35.2	28.0	42.0

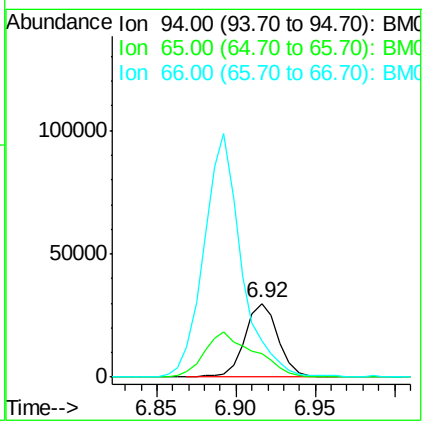


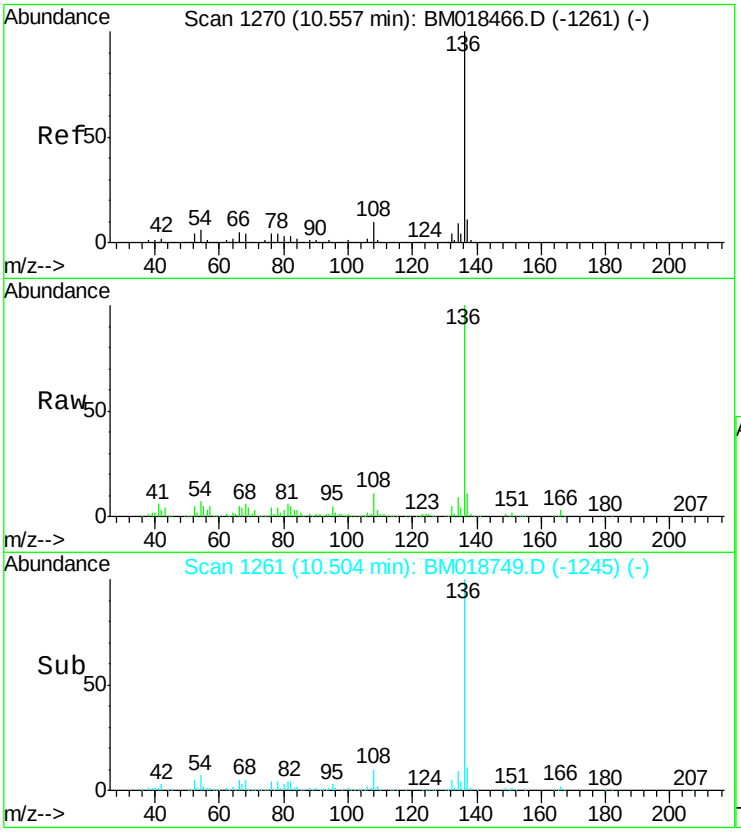


#10
Phenol
Concen: 2.10 ng
RT: 6.92 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion: 94 Resp: 43705

Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.4	49.4
66	50.2	19.1	59.1



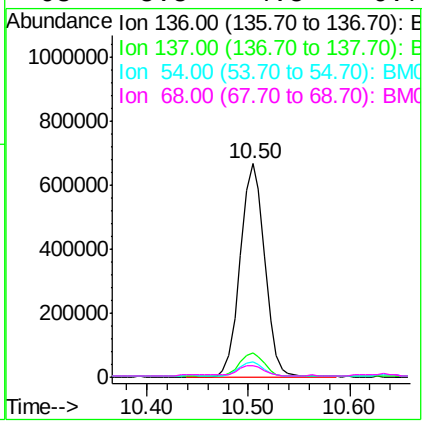


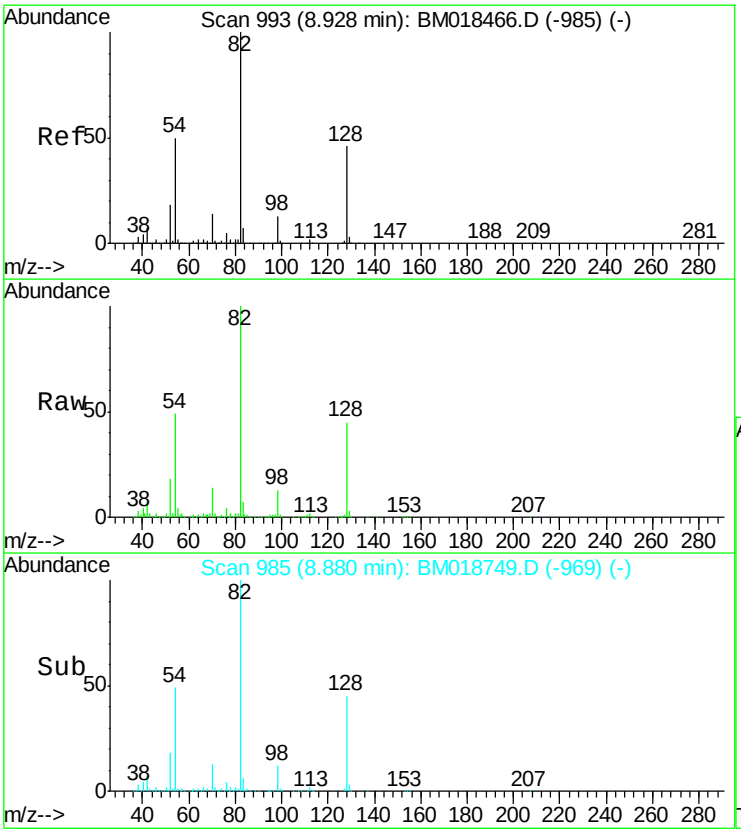
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:136 Resp: 1118574

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	7.4	6.0	9.0
68	5.5	4.5	6.7

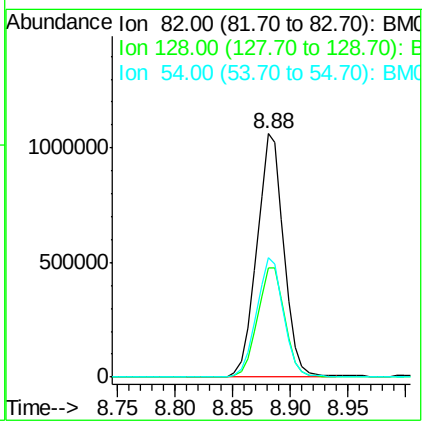


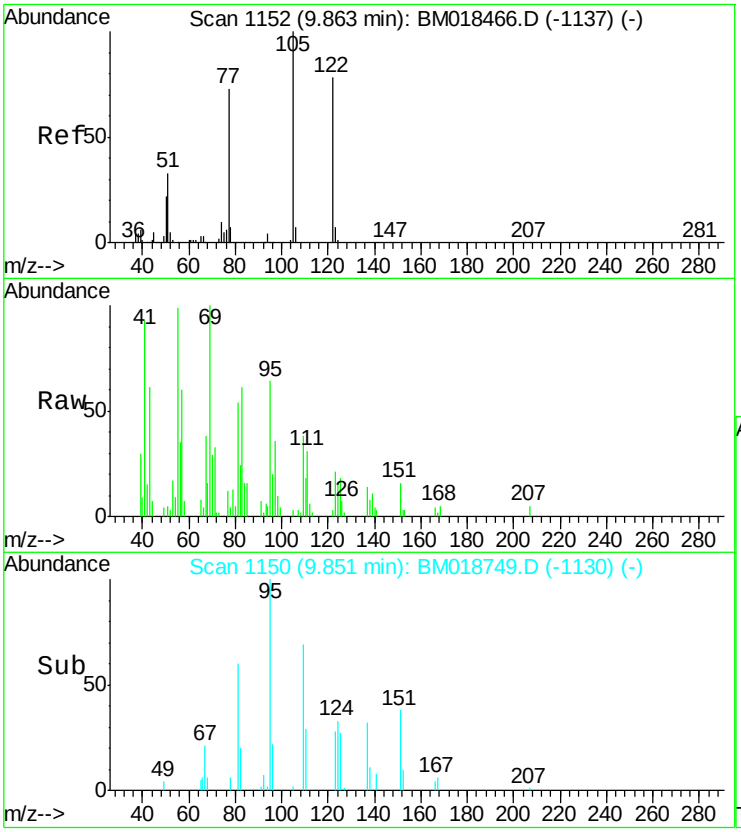


#23
Nitrobenzene-d5
Concen: 89.15 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion: 82 Resp: 1720098

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	49.3	41.7	62.5



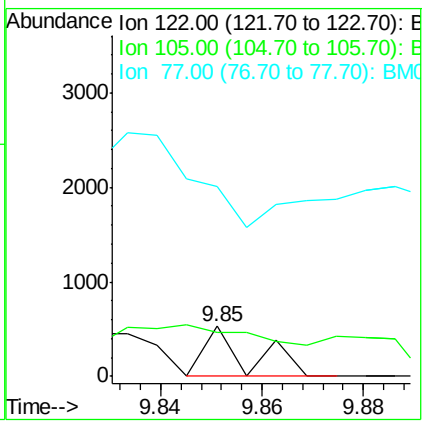


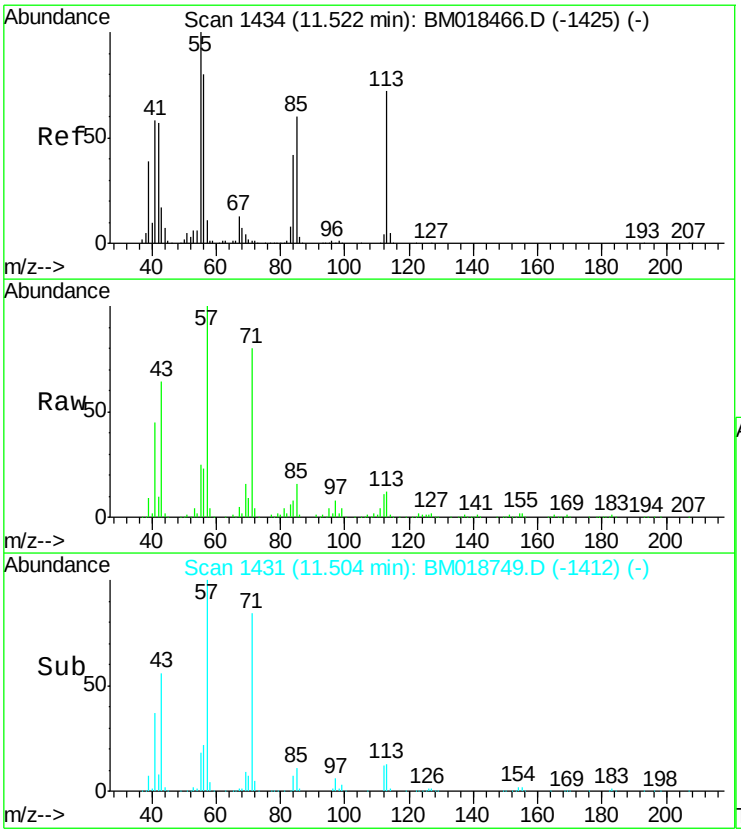
#32
Benzoic acid
Concen: 6.53 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:122 Resp: 322

Ion	Ratio	Lower	Upper
122	100		
105	87.2	100.4	140.4#
77	378.6	71.7	111.7#

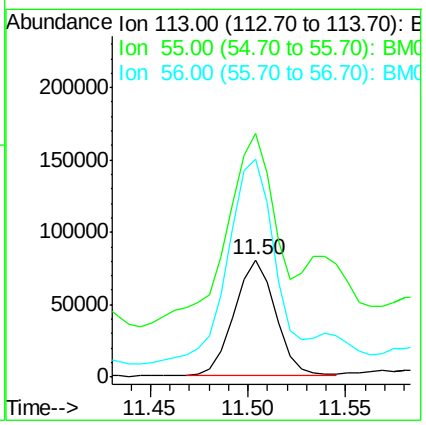


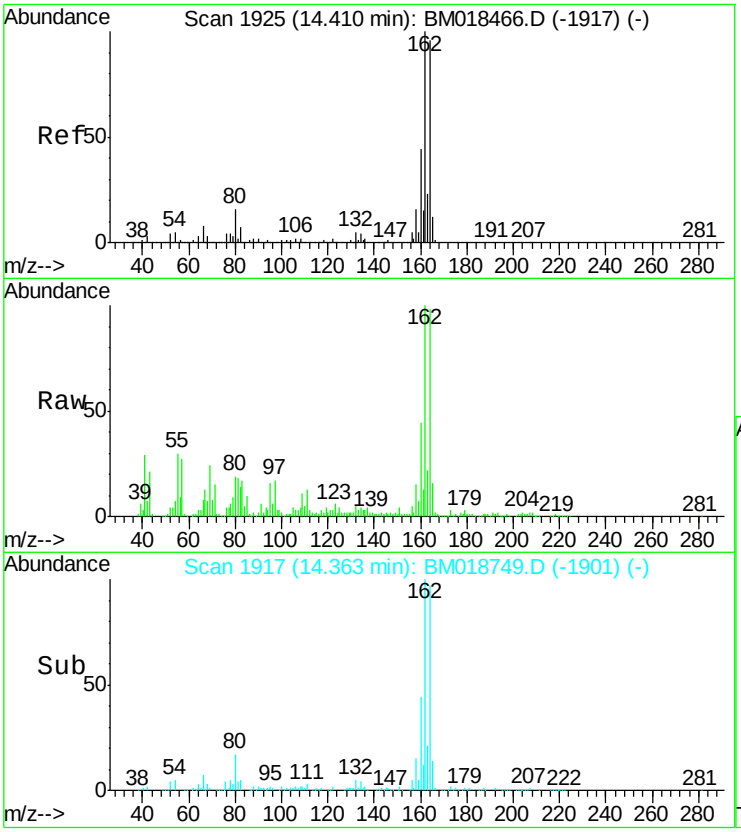


#35
Caprolactam
Concen: 21.07 ng
RT: 11.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion:113 Resp: 117362

Ion	Ratio	Lower	Upper
113	100		
55	207.2	139.3	179.3#
56	185.1	101.4	141.4#



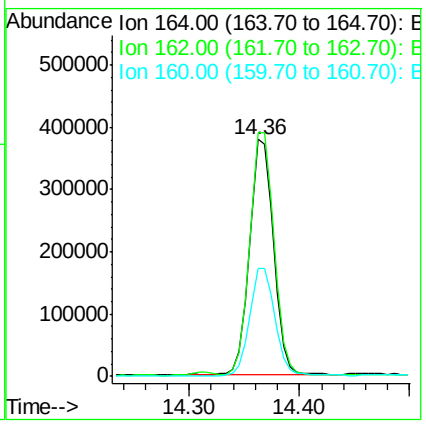


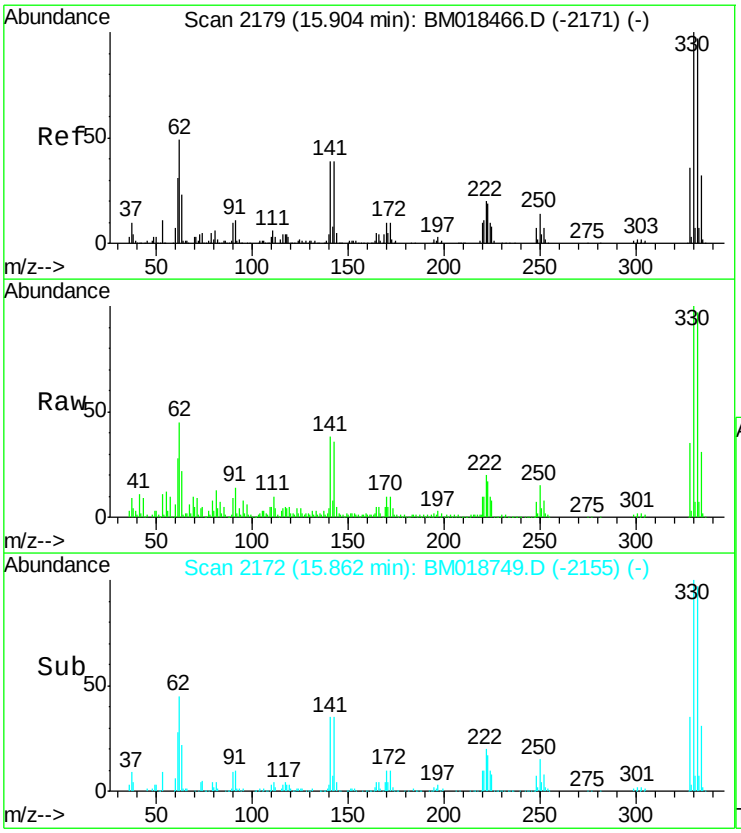
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:164 Resp: 576687

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	45.5	37.1	55.7

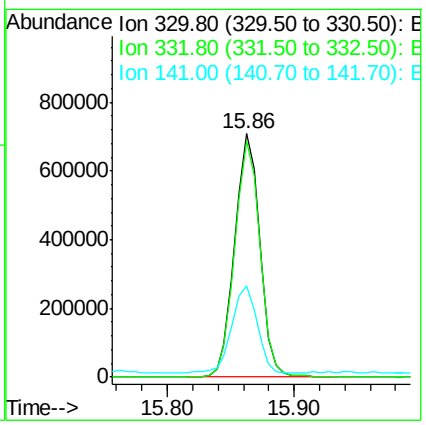


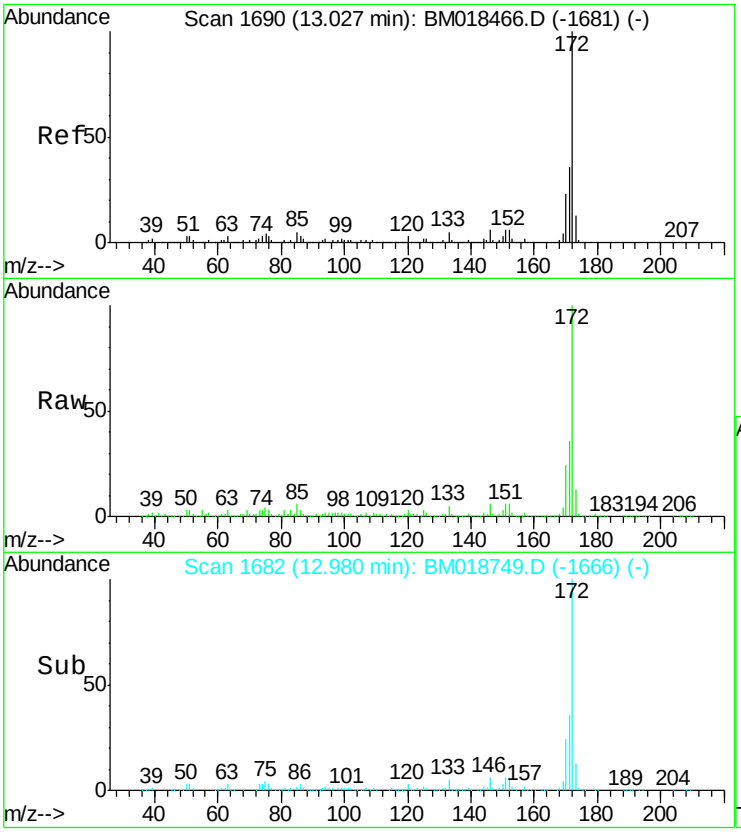


#42
2,4,6-Tribromophenol
Concen: 132.17 ng
RT: 15.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion:330 Resp: 970484

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	36.7	31.7	47.5



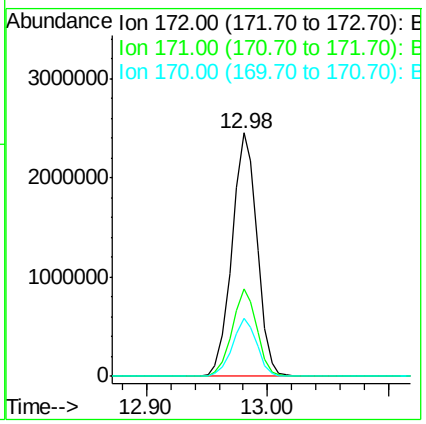


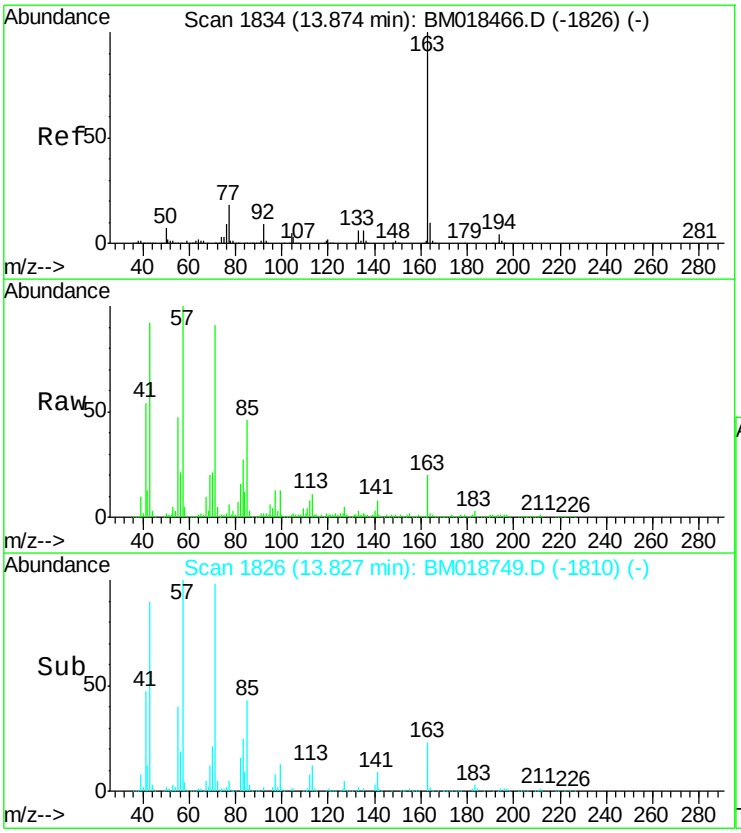
#45
2-Fluorobiphenyl
Concen: 80.39 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:172 Resp: 3552743

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.6	18.9	28.3

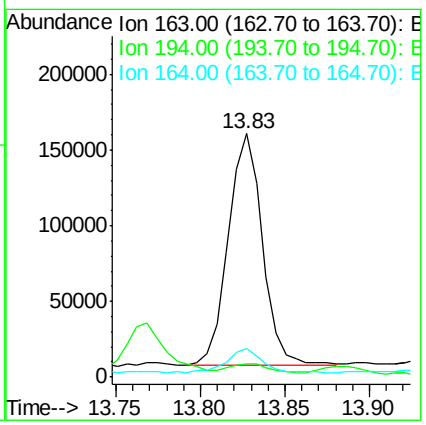


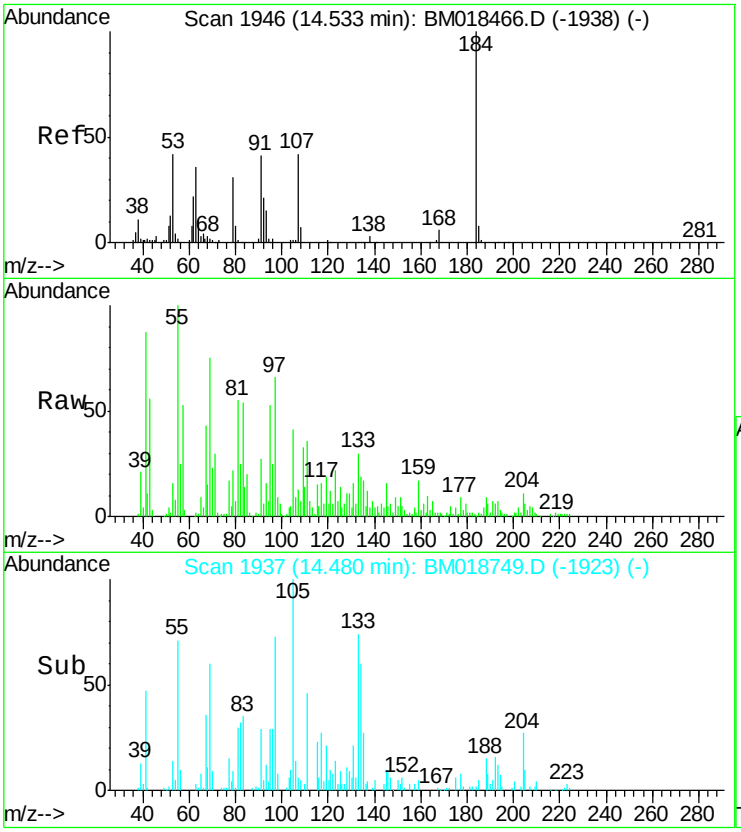


#50
Dimethylphthalate
Concen: 4.55 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion:163 Resp: 215487

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.0	4.6#
164	12.0	7.8	11.8#



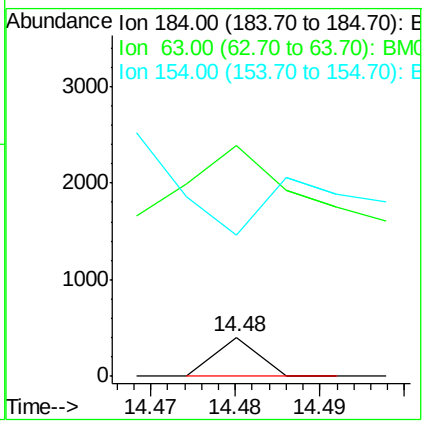


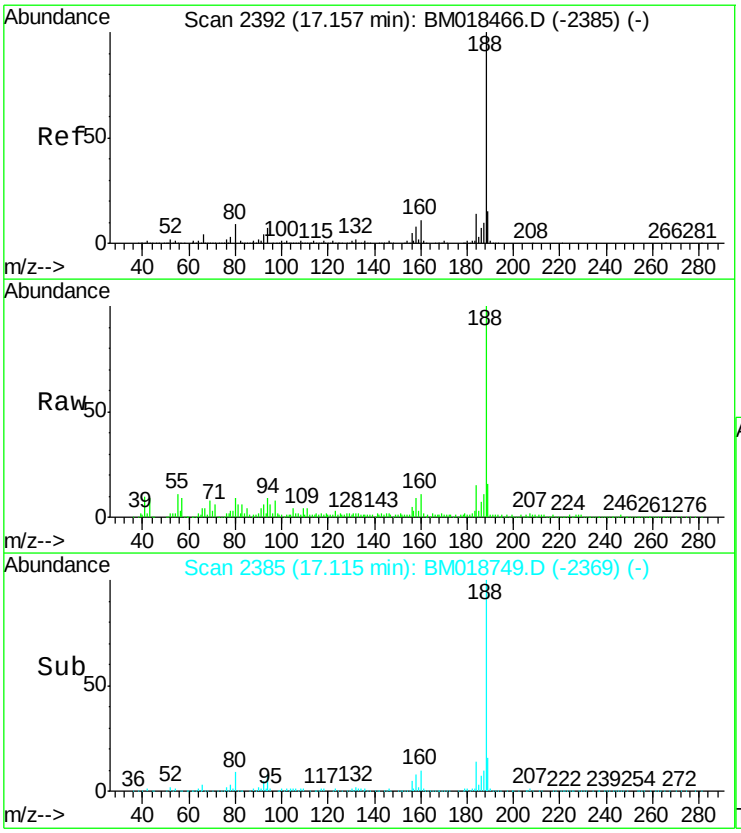
#54
2,4-Dinitrophenol
Concen: 7.23 ng
RT: 14.48 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:184 Resp: 144

Ion	Ratio	Lower	Upper
184	100		
63	584.1	55.9	83.9#
154	358.6	54.2	81.4#

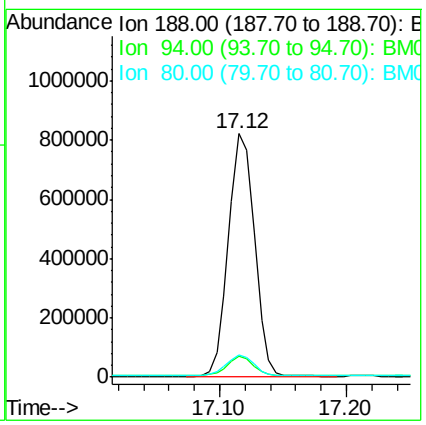


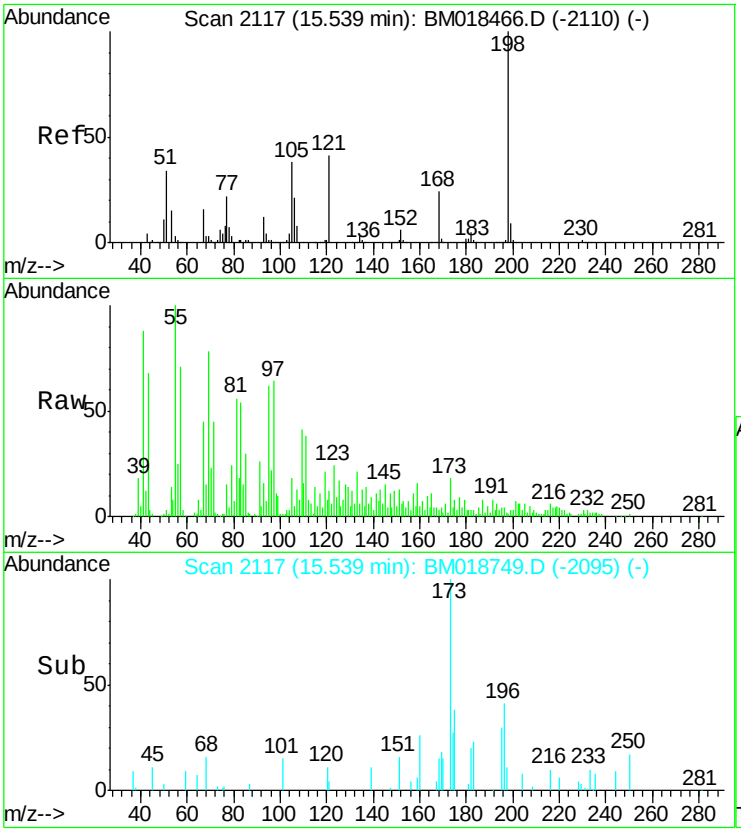


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion:188 Resp: 1173596

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.3	7.6	11.4



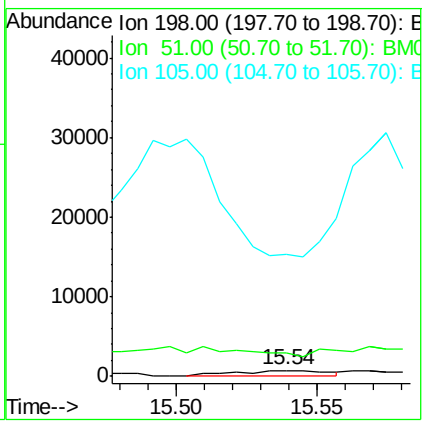


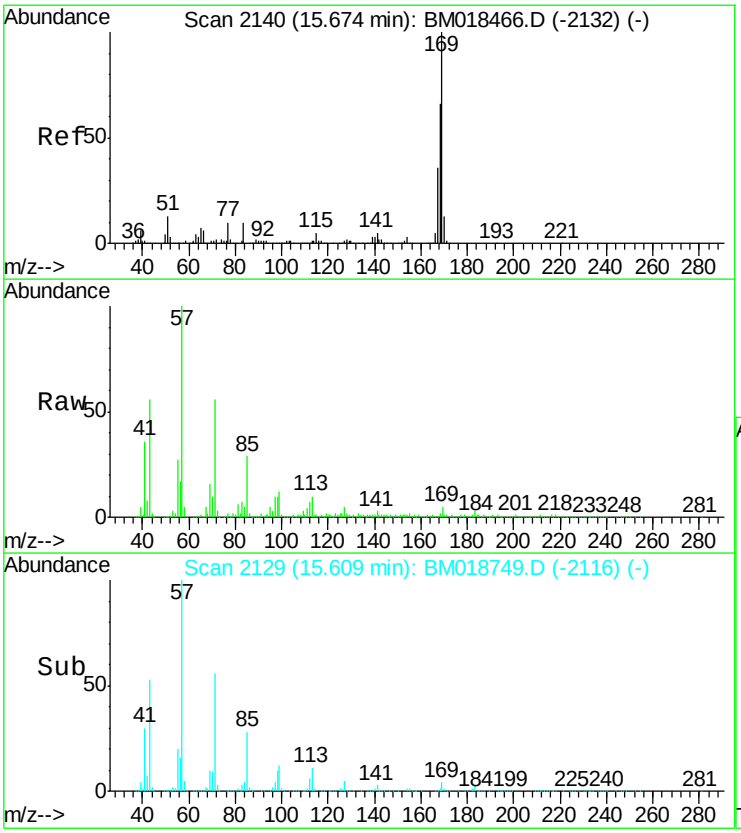
#65
4,6-Dinitro-2-methylphenol
Concen: 5.60 ng
RT: 15.54 min Scan# 2117
Delta R.T. 0.03 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:198 Resp: 1746

Ion	Ratio	Lower	Upper
198	100		
51	383.0	29.6	69.6#
105	2035.0	25.5	65.5#

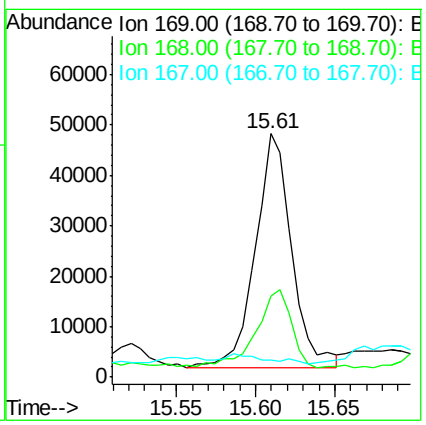


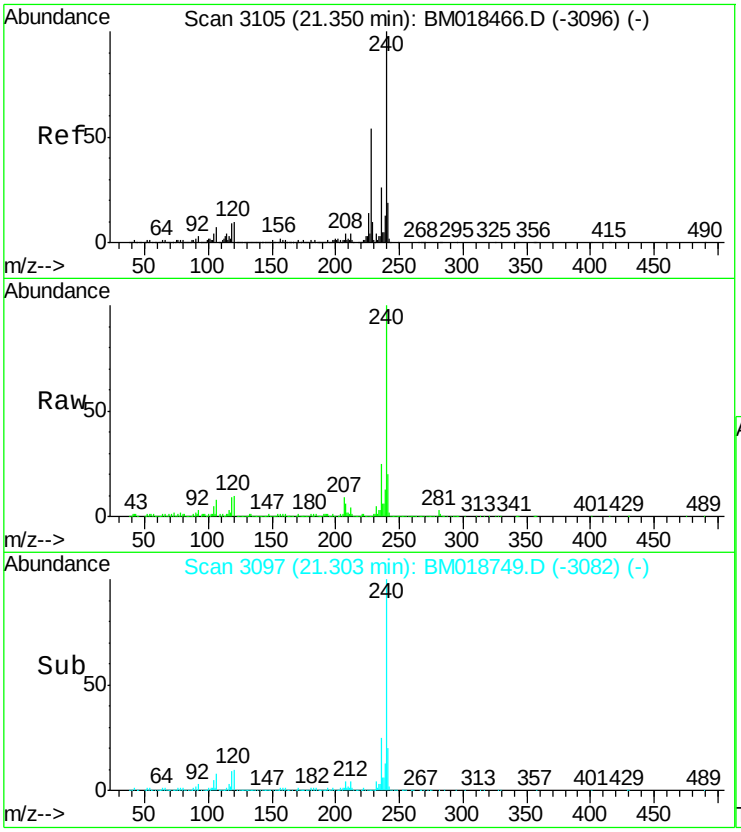


#66
n-Nitrosodiphenylamine
Concen: 2.03 ng
RT: 15.61 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion:169 Resp: 73743

Ion	Ratio	Lower	Upper
169	100		
168	33.5	54.1	81.1#
167	7.1	28.6	42.8#



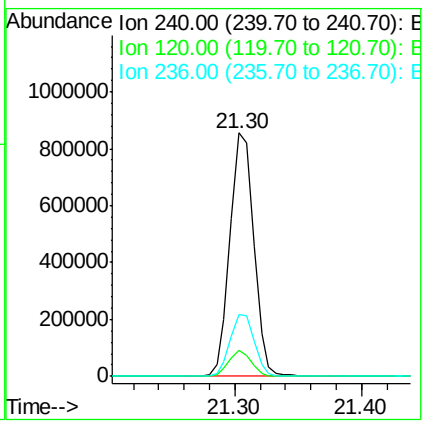


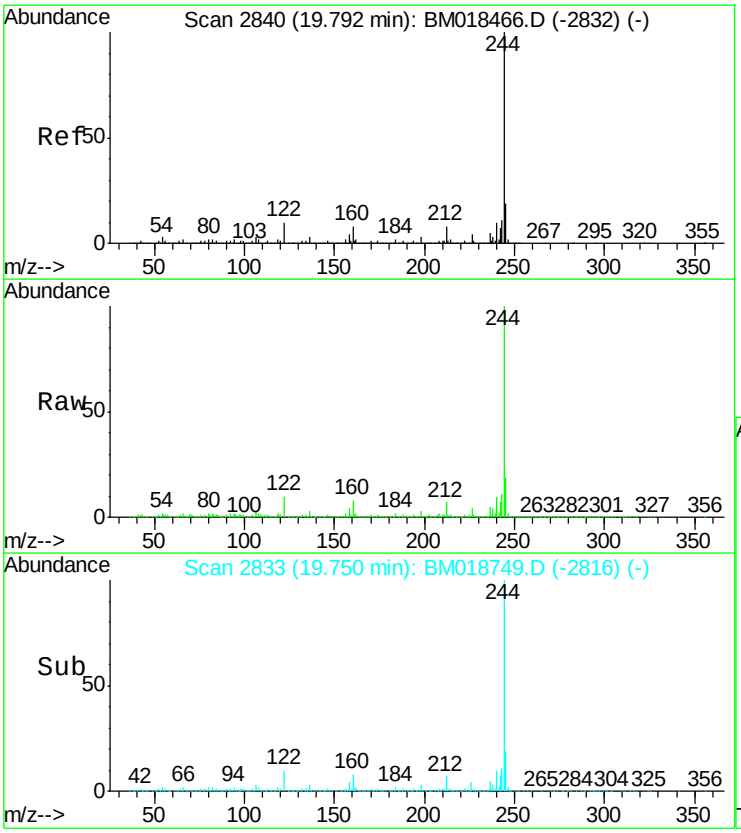
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:240 Resp: 1108430

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.4	20.7	31.1

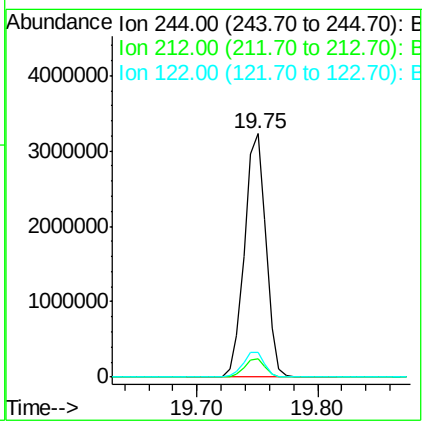


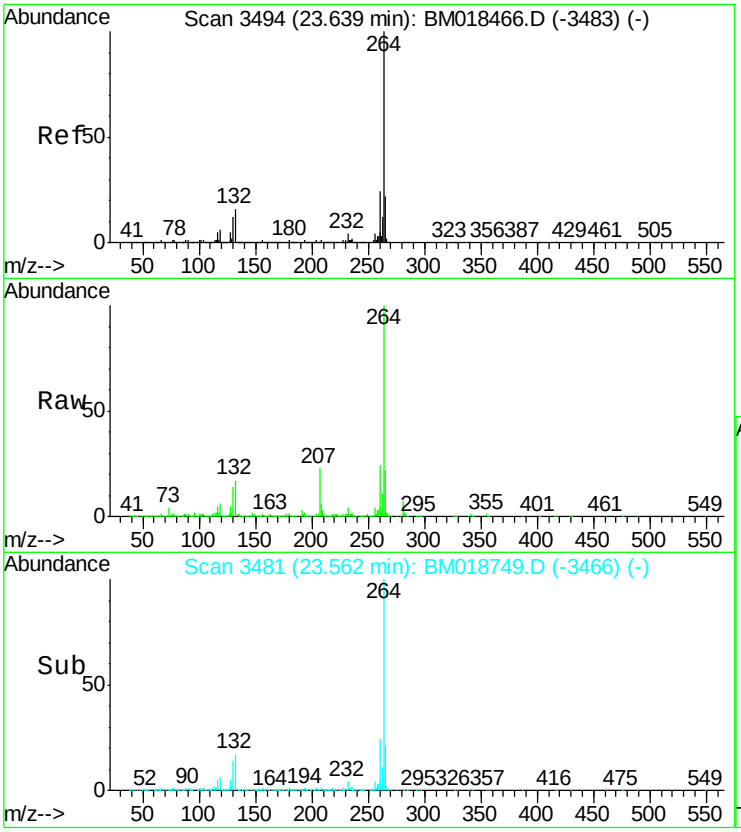


#79
Terphenyl-d14
Concen: 76.27 ng
RT: 19.75 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Tgt Ion:244 Resp: 4010386

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.0	9.0	13.4





#87
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018749.D
Acq: 07 Feb 2019 22:05

Instrument :
BNA_M
ClientSampleId :
SB-06(13-14)

Tgt Ion:264 Resp: 1176374

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.0	16.8	25.2