Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
Data File : BM018572.D
Acq On : 15 Jan 2019 21:53
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-1

Quant Time: Jan 16 03:14:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	185981	20.00	ng		-0.01
21) Naphthalene-d8	10.55	136	772313	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	490544	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	1164653	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1461345	20.00	ng		-0.01
87) Perylene-d12	23.62	264	1653427	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	494855	49.13	ng		0.00
7) Phenol-d6	6.94	99	465800	36.41	ng		0.00
23) Nitrobenzene-d5	8.92	82	740682	55.60	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	610534	97.75	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	1862890	49.55	ng		0.00
79) Terphenyl-d14	19.78	244	3254098	46.94	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.96	94	303904	23.378	ng		97
15) Benzyl Alcohol	8.01	79	316638	34.269	ng		98
17) 2-Methylphenol	8.20	107	102336	11.597	ng		98
20) 3+4-Methylphenols	8.53	107	834939	68.542	ng		97
27) 2,4-Dimethylphenol	9.73	122	373399	39.303	ng		99
31) Naphthalene	10.59	128	305185	8.205	ng		99
37) 2-Methylnaphthalene	12.21	142	74762	2.845	ng	#	95
50) Dimethylphthalate	13.87	163	265818	6.598	ng	#	95

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

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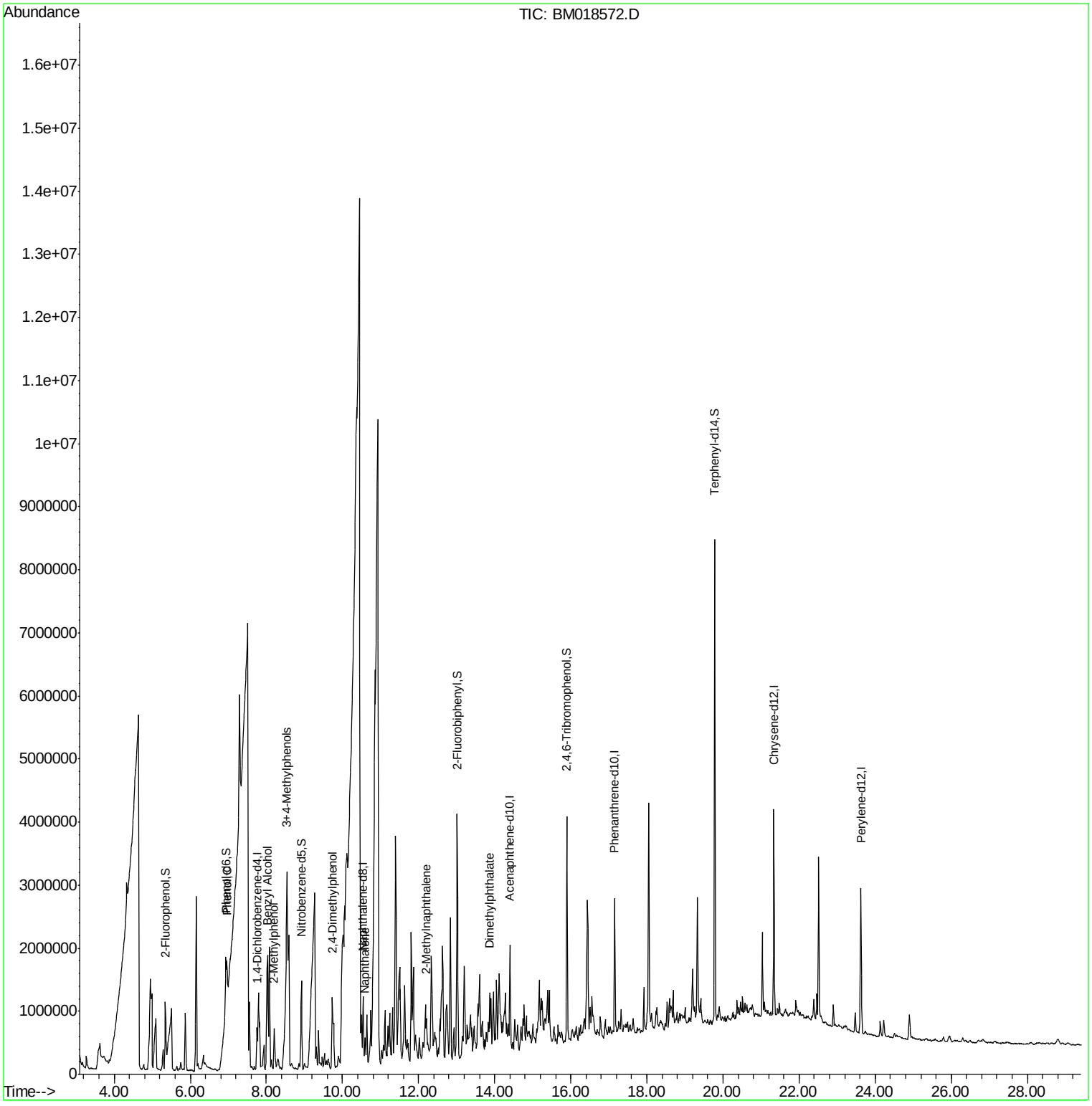
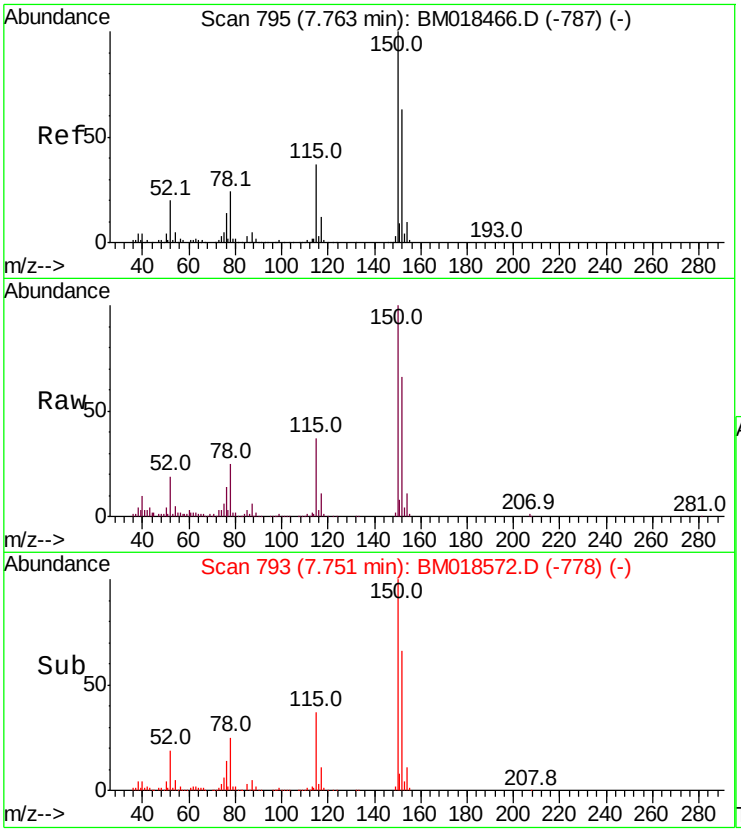


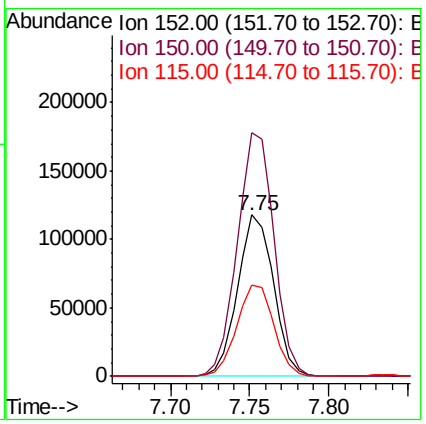


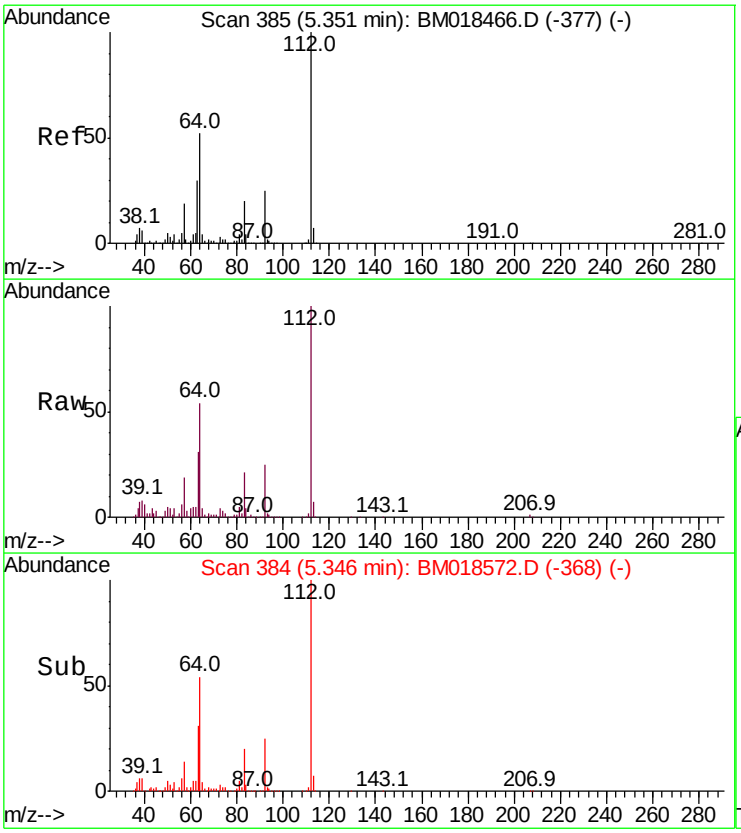
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 185981

Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.9	190.3
115	56.5	45.5	68.3

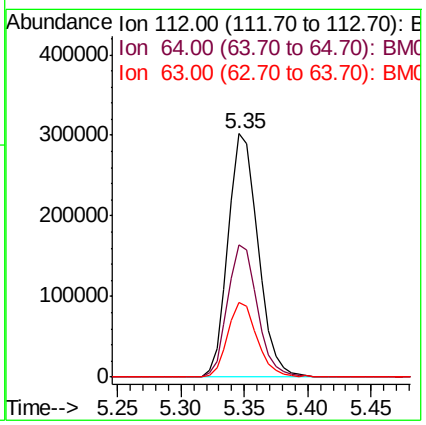


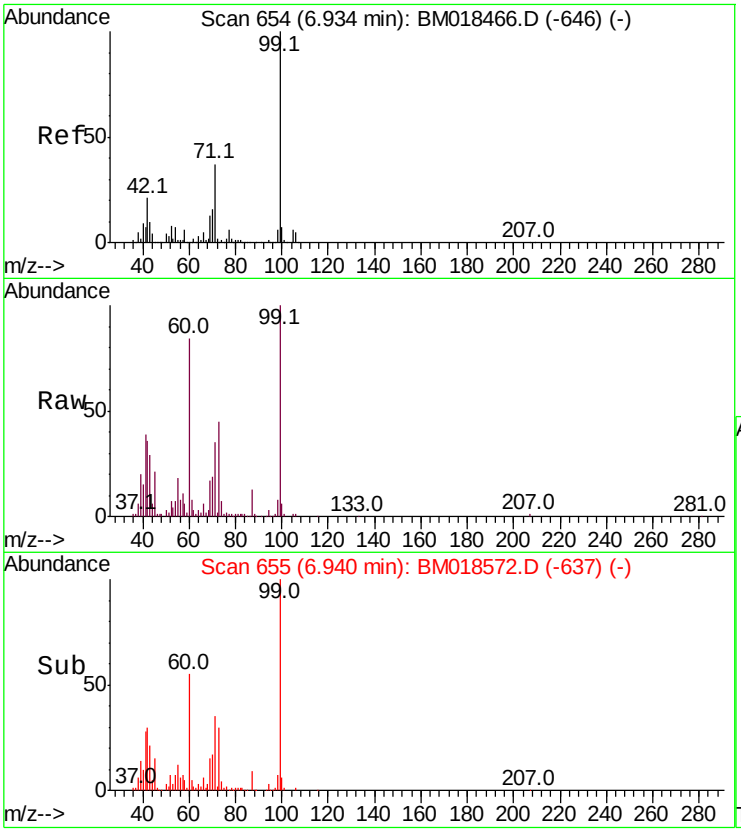


#5
2-Fluorophenol
Concen: 49.131 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:112 Resp: 494855

Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.5	69.7
63	30.5	25.2	37.8



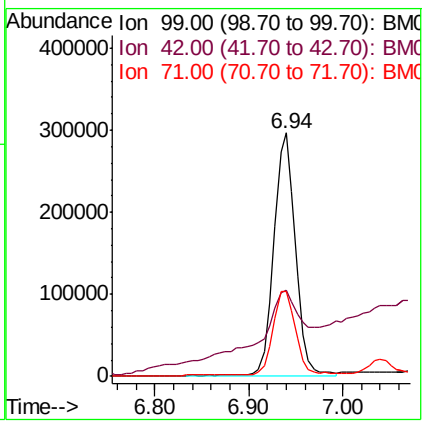


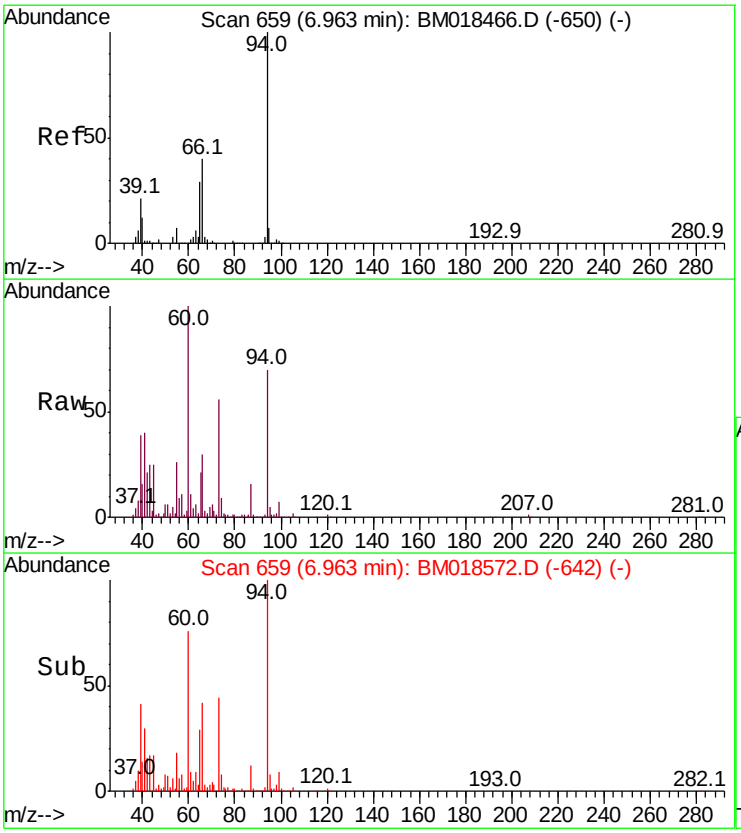
#7
Phenol-d6
Concen: 36.411 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 465800

Ion	Ratio	Lower	Upper
99	100		
42	35.5	17.3	25.9#
71	35.0	28.0	42.0

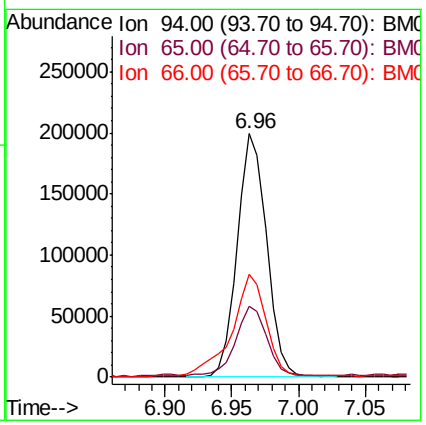


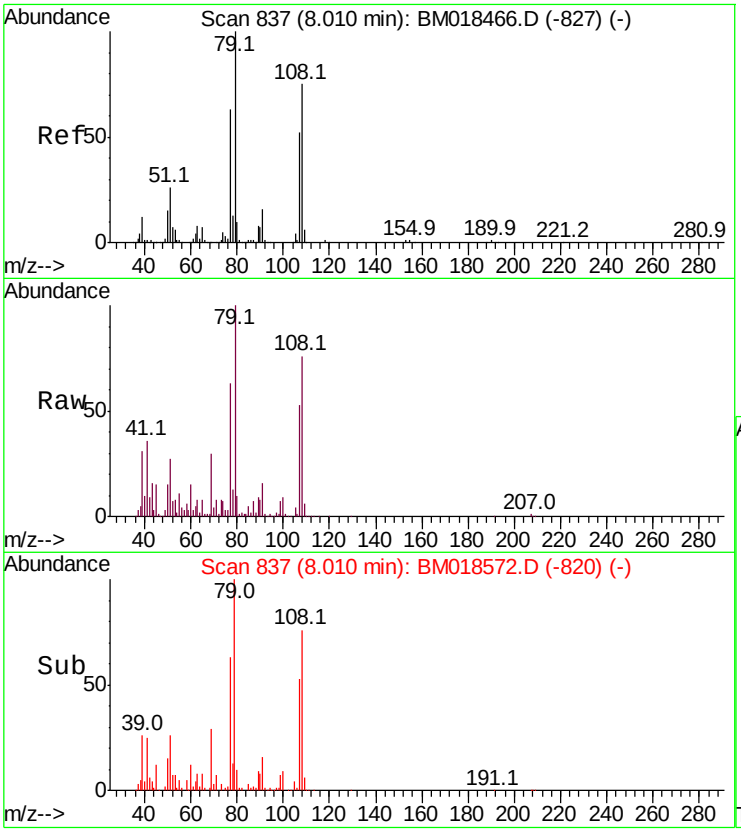


#10
Phenol
Concen: 23.378 ng
RT: 6.96 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion: 94 Resp: 303904

Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.4	49.4
66	42.1	19.1	59.1



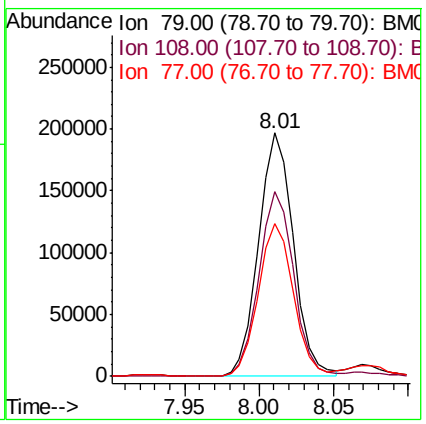


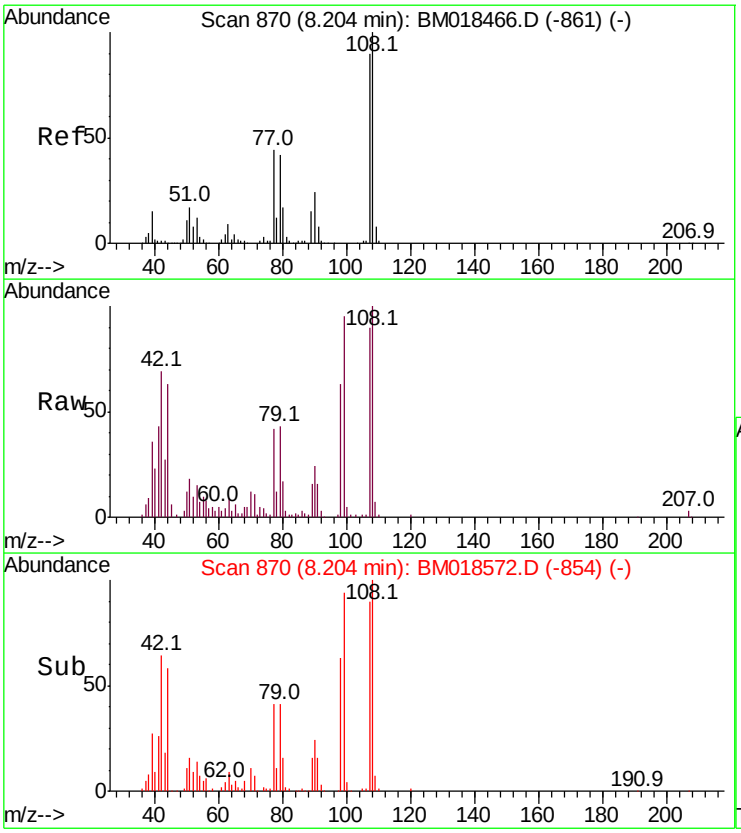
#15
Benzyl Alcohol
Concen: 34.269 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 79 Resp: 316638

Ion	Ratio	Lower	Upper
79	100		
108	75.7	60.4	90.6
77	63.0	53.4	80.2

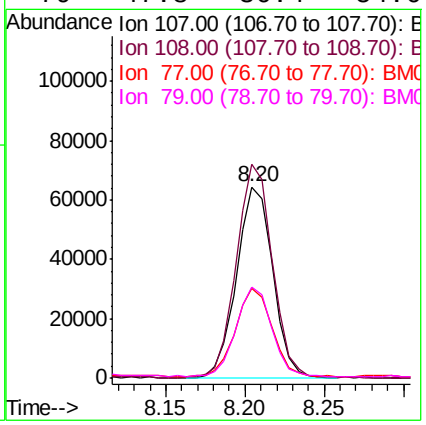


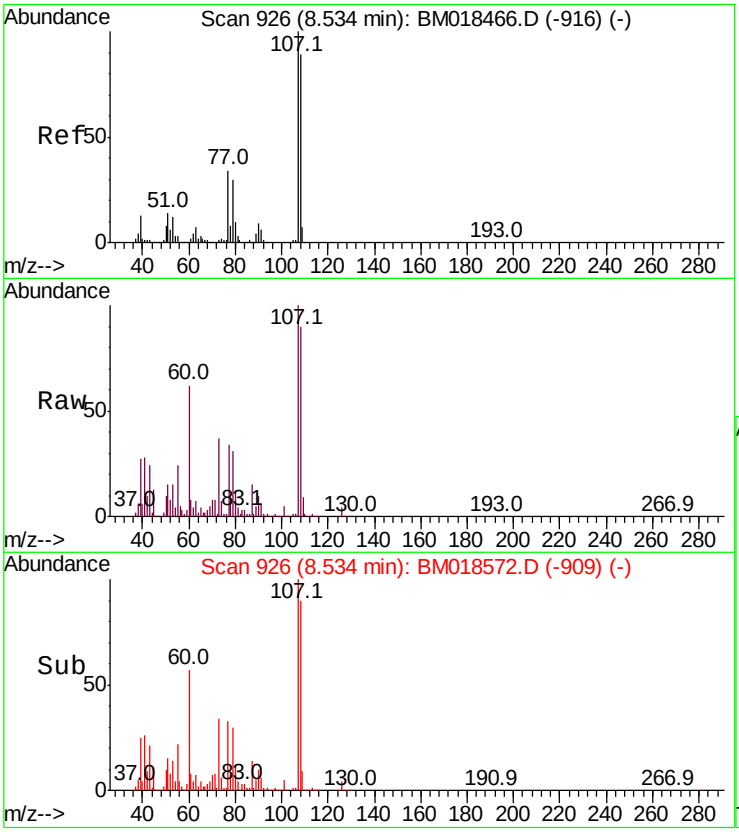


#17
2-Methylphenol
Concen: 11.597 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:107 Resp: 102336

Ion	Ratio	Lower	Upper
107	100		
108	111.6	87.5	131.3
77	47.2	37.3	55.9
79	47.8	36.4	54.6



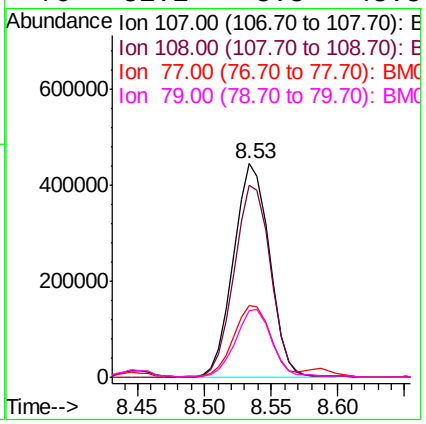


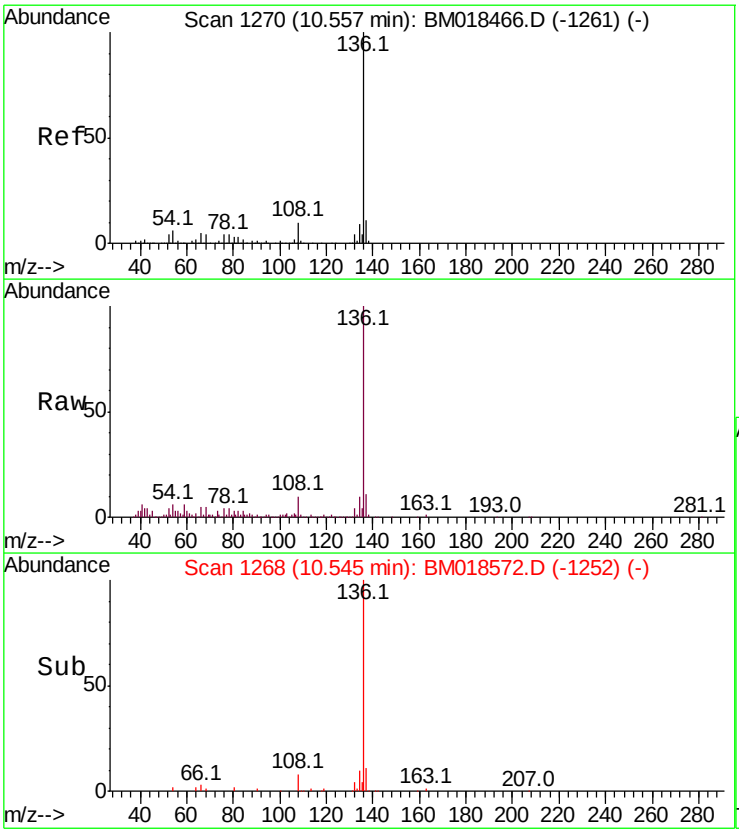
#20
3+4-Methylphenols
Concen: 68.542 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:107 Resp: 834939

Ion	Ratio	Lower	Upper
107	100		
108	89.6	66.8	106.8
77	33.5	13.3	53.3
79	31.1	8.8	48.8

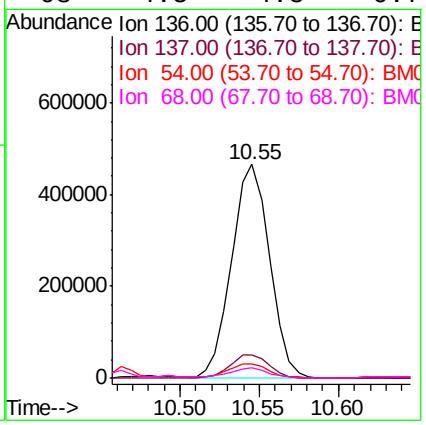


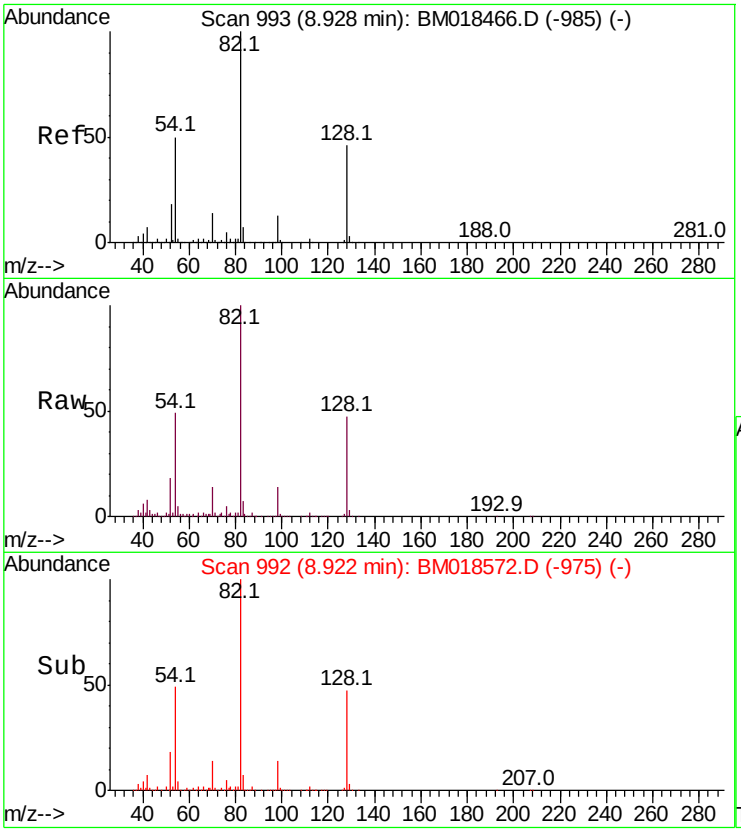


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:136 Resp: 772313

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.4	6.0	9.0
68	4.5	4.5	6.7



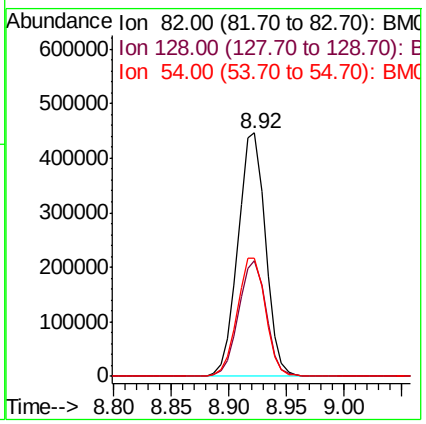


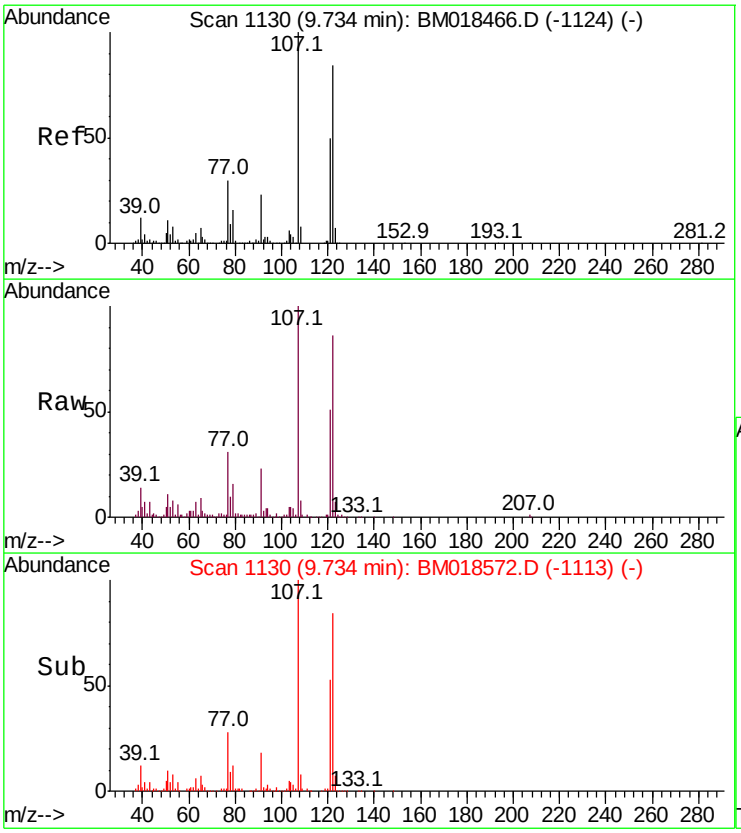
#23
Nitrobenzene-d5
Concen: 55.597 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 740682

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.3	54.5
54	48.8	41.7	62.5

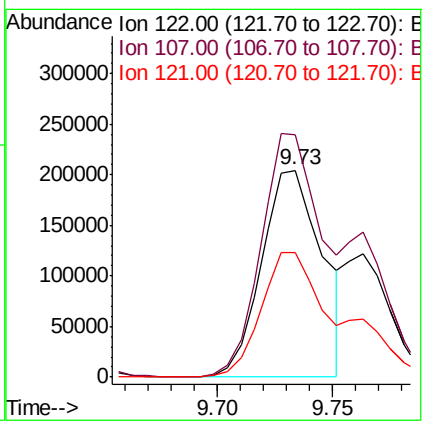


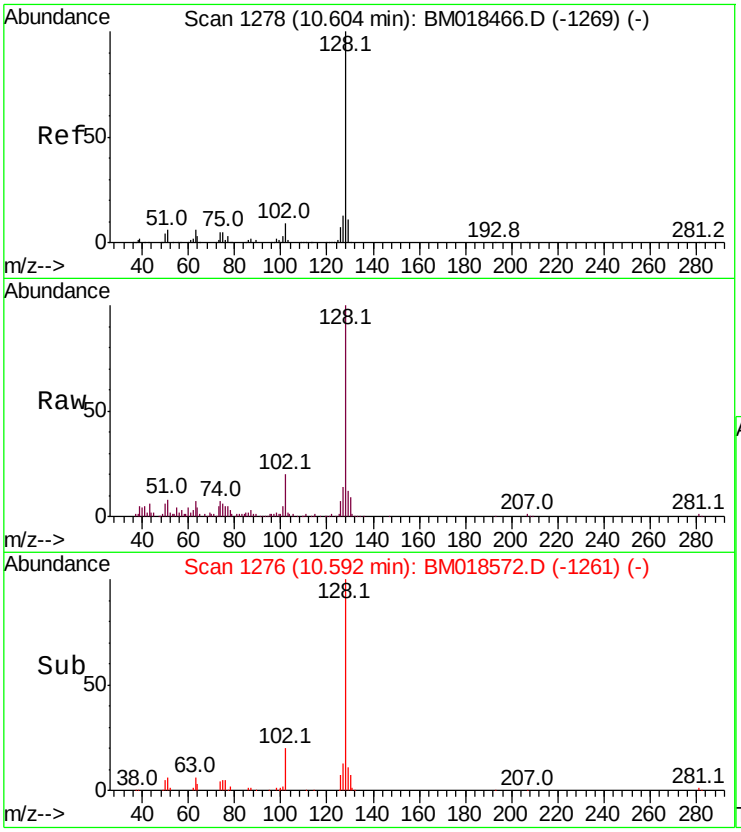


#27
2,4-Dimethylphenol
Concen: 39.303 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:122 Resp: 373399

Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.9	137.9
121	59.9	47.5	71.3



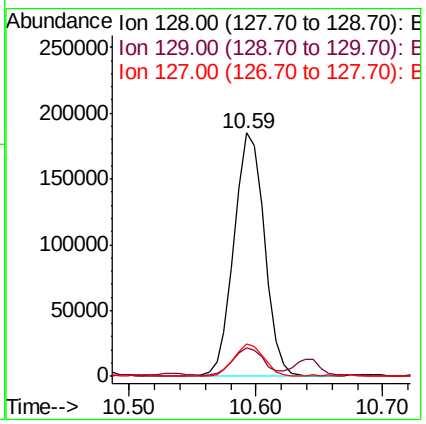


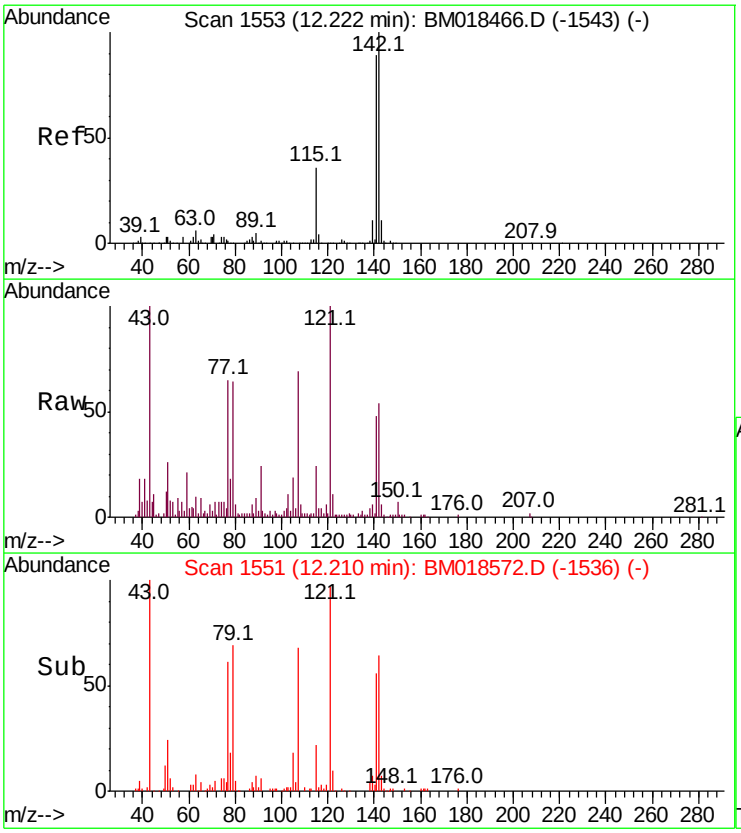
#31
Naphthalene
Concen: 8.205 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:128 Resp: 305185

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	13.5	10.8	16.2

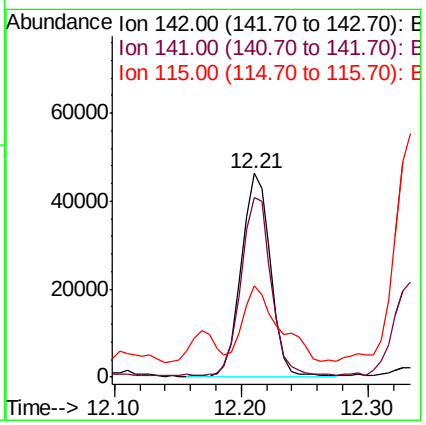


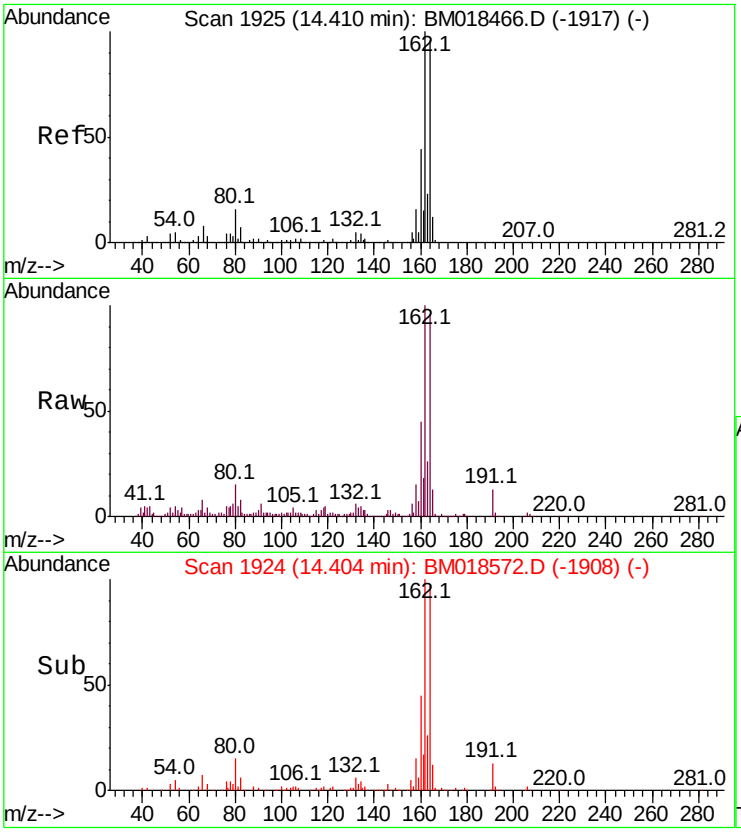


#37
2-Methylnaphthalene
Concen: 2.845 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:142 Resp: 74762

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	44.6	28.0	42.0#



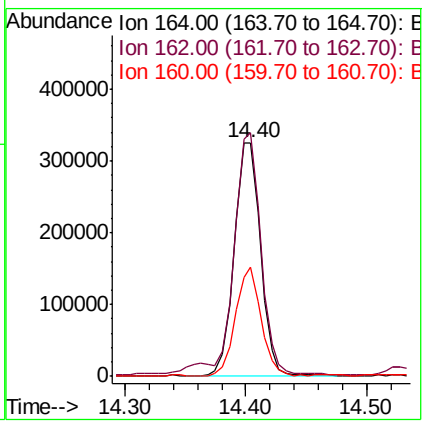


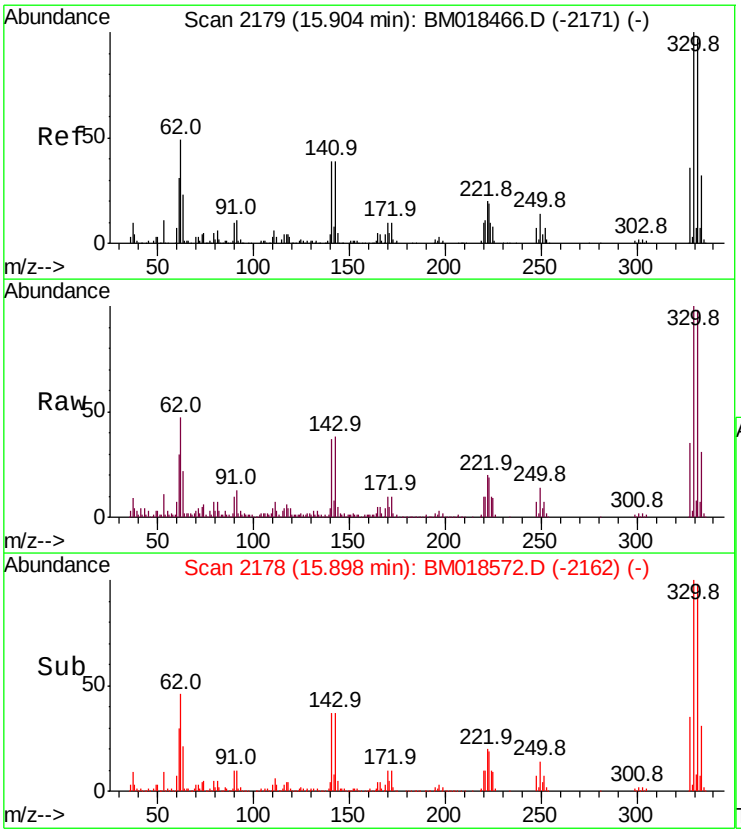
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:164 Resp: 490544

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	46.7	37.1	55.7

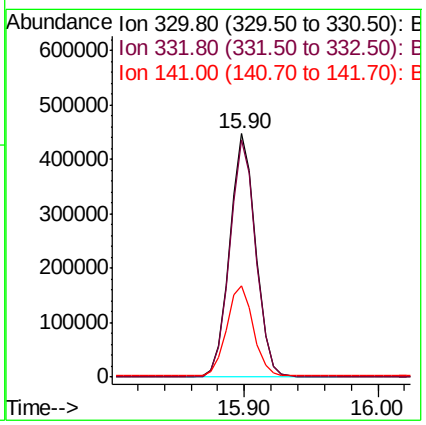


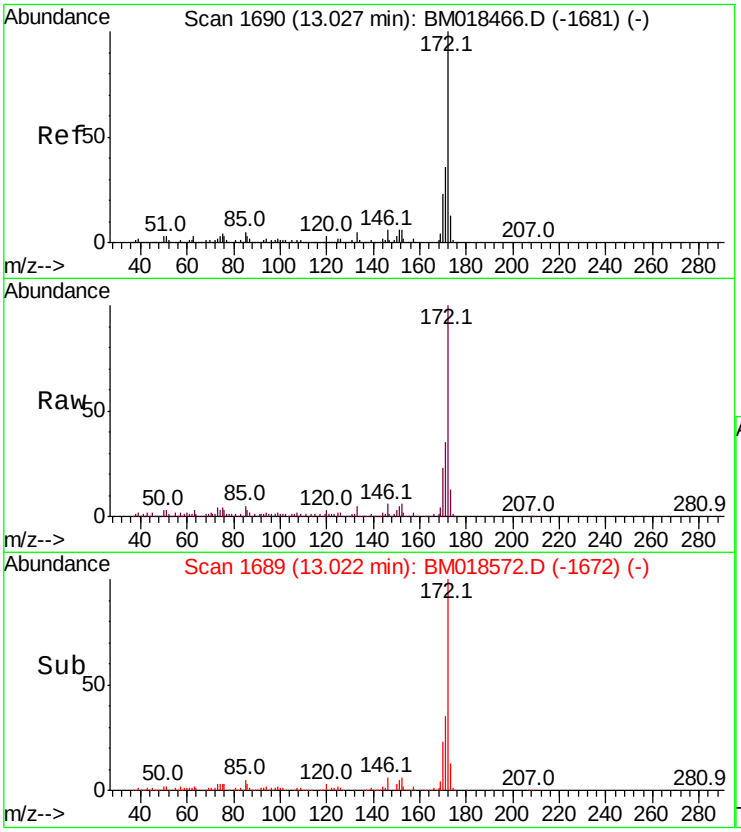


#42
2,4,6-Tribromophenol
Concen: 97.748 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:330 Resp: 610534

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	37.8	31.7	47.5



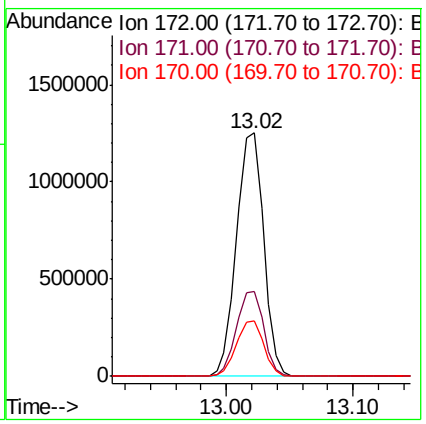


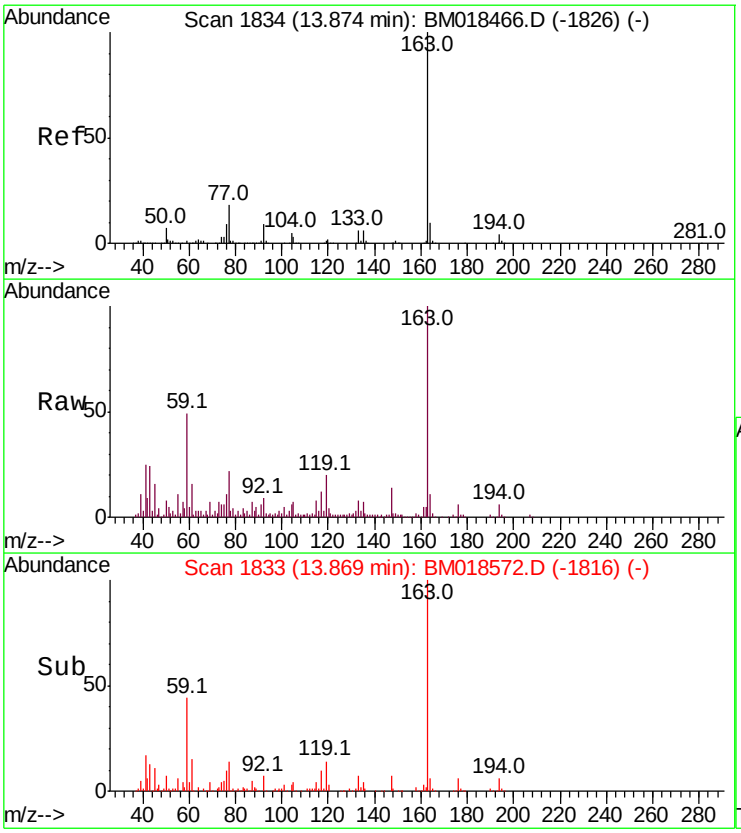
#45
2-Fluorobiphenyl
Concen: 49.553 ng
RT: 13.02 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:172 Resp: 1862890

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	22.9	18.9	28.3

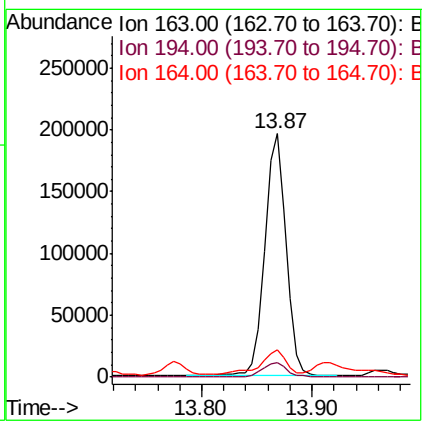


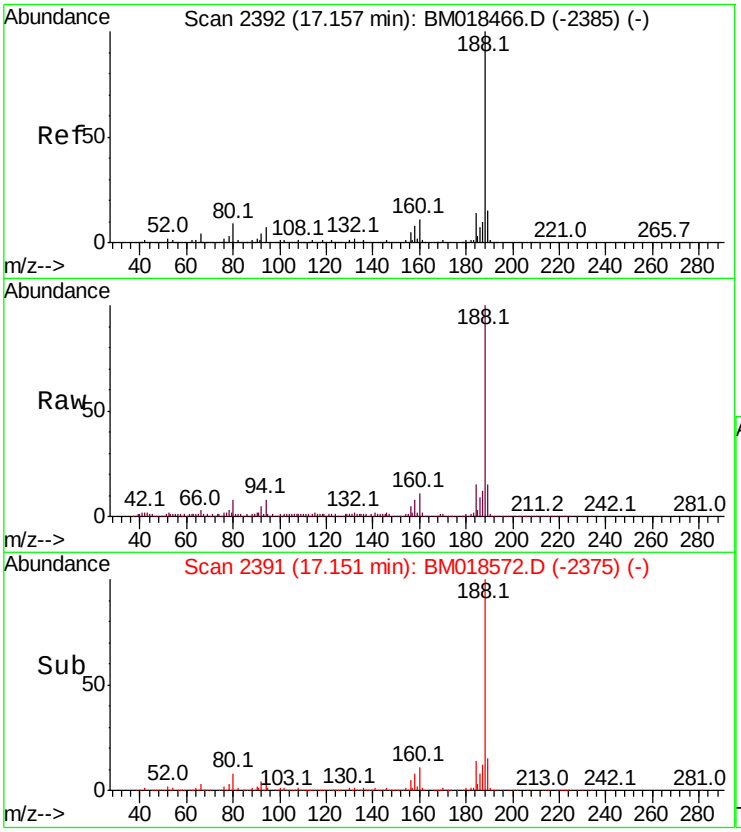


#50
Dimethylphthalate
Concen: 6.598 ng
RT: 13.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:163 Resp: 265818

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.0	4.6#
164	11.1	7.8	11.8



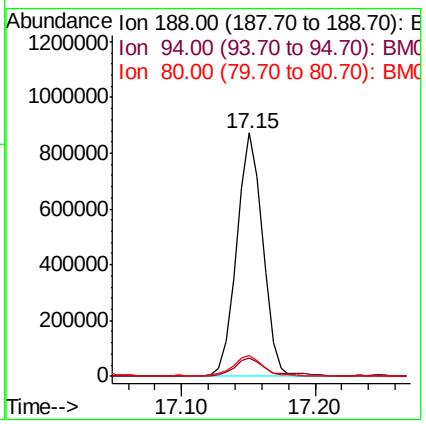


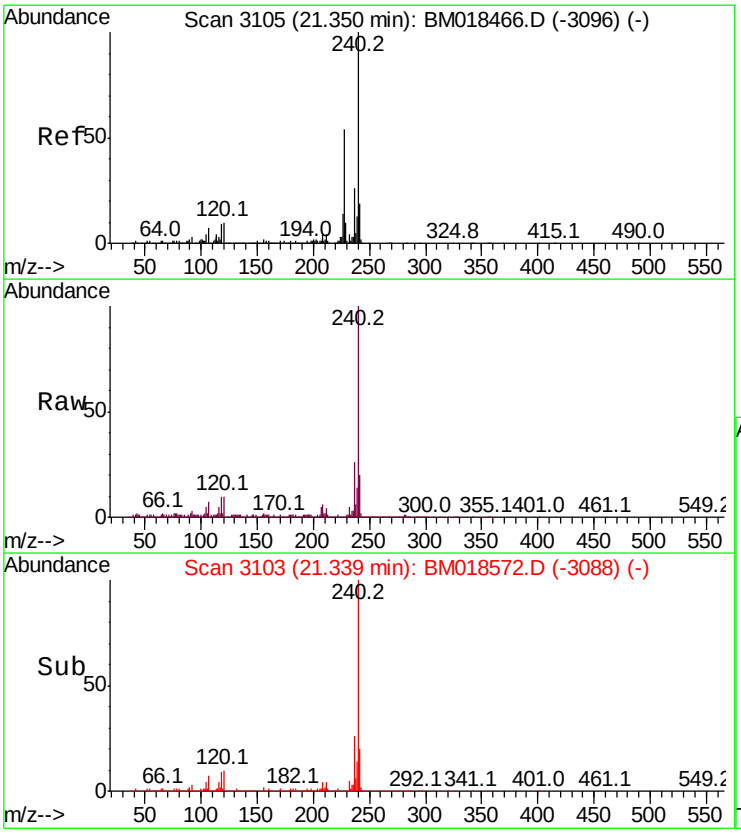
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 1164653

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	8.4	7.6	11.4

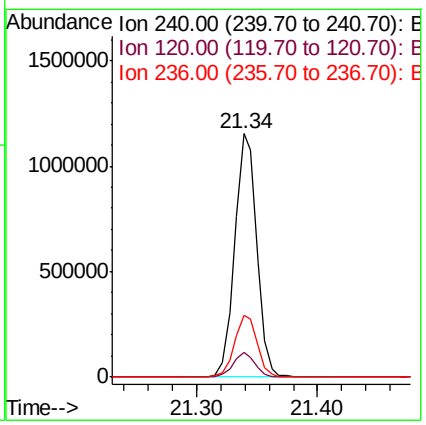


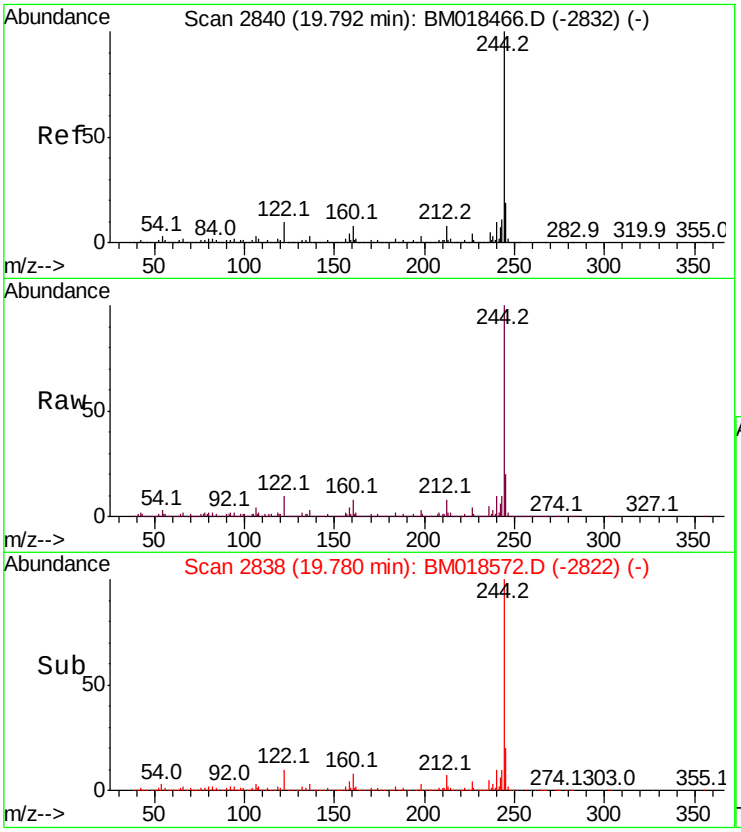


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:240 Resp: 1461345

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	25.6	20.7	31.1



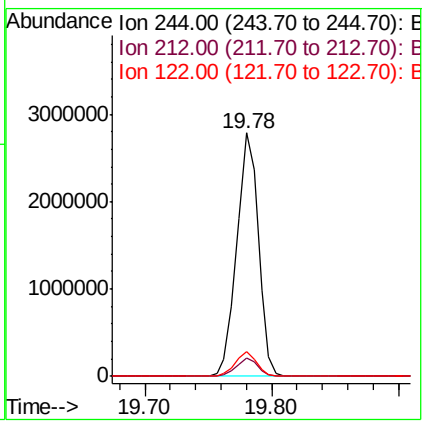


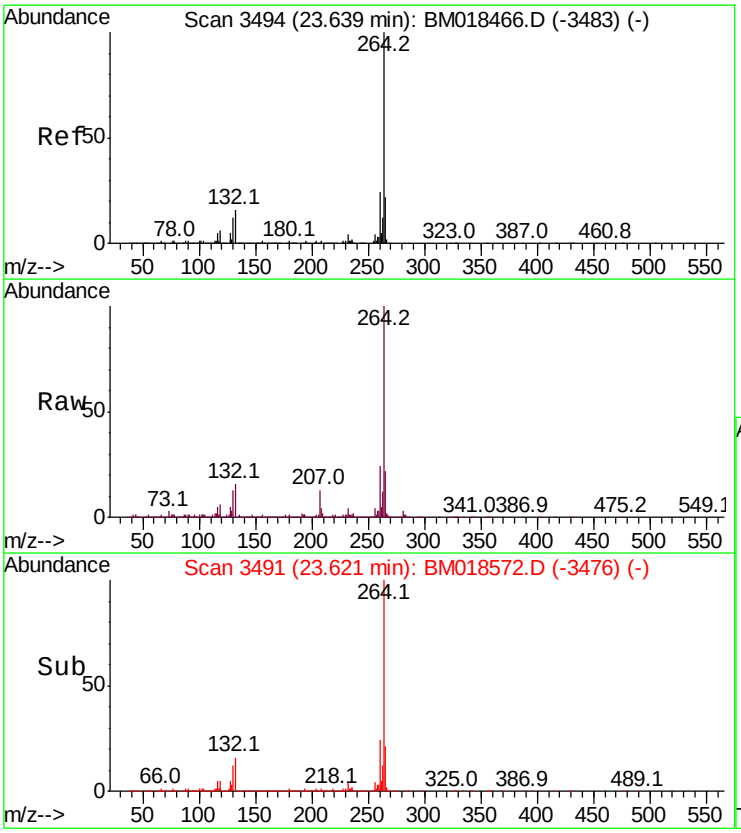
#79
Terphenyl-d14
Concen: 46.941 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 3254098

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM018572.D
Acq: 15 Jan 2019 21:53

Tgt Ion:264 Resp: 1653427

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.6	16.8	25.2