Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
Data File : BM018342.D
Acq On : 20 Dec 2018 22:23
Operator : JU/SJ
Sample : J6386-03RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS016-0006-02

Quant Time: Dec 21 01:27:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	131918	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	467626	20.00	ng		-0.02
39) Acenaphthene-d10	14.15	164	226229	20.00	ng		-0.02
64) Phenanthrene-d10	16.92	188	444000	20.00	ng		0.00
76) Chrysene-d12	21.14	240	493418	20.00	ng		0.00
87) Perylene-d12	23.30	264	559260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1137493	144.04	ng		0.00
7) Phenol-d6	6.70	99	1454733	132.54	ng		0.00
23) Nitrobenzene-d5	8.65	82	944388	103.59	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	379097	114.17	ng		0.00
45) 2-Fluorobiphenyl	12.75	172	1408491	80.64	ng		-0.02
79) Terphenyl-d14	19.57	244	1339883	61.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	31188	9.970	ng	#	1
10) Phenol	6.73	94	78063	6.715	ng		96
32) Benzoic acid	9.59	122	12393	2.033	ng	#	71
50) Dimethylphthalate	13.62	163	127798	6.795	ng	#	98

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

Quantitation Report (Not Reviewed)

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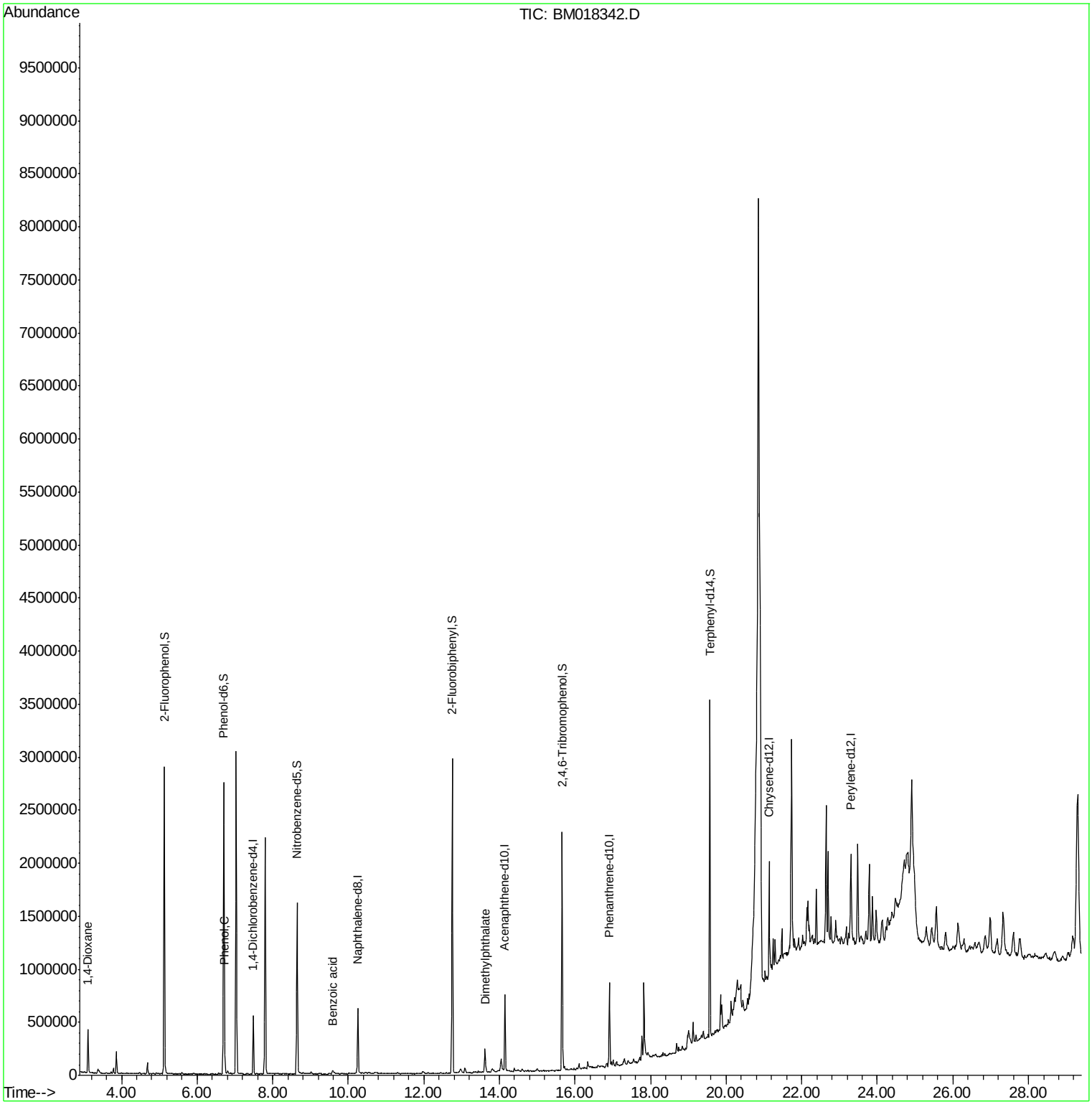
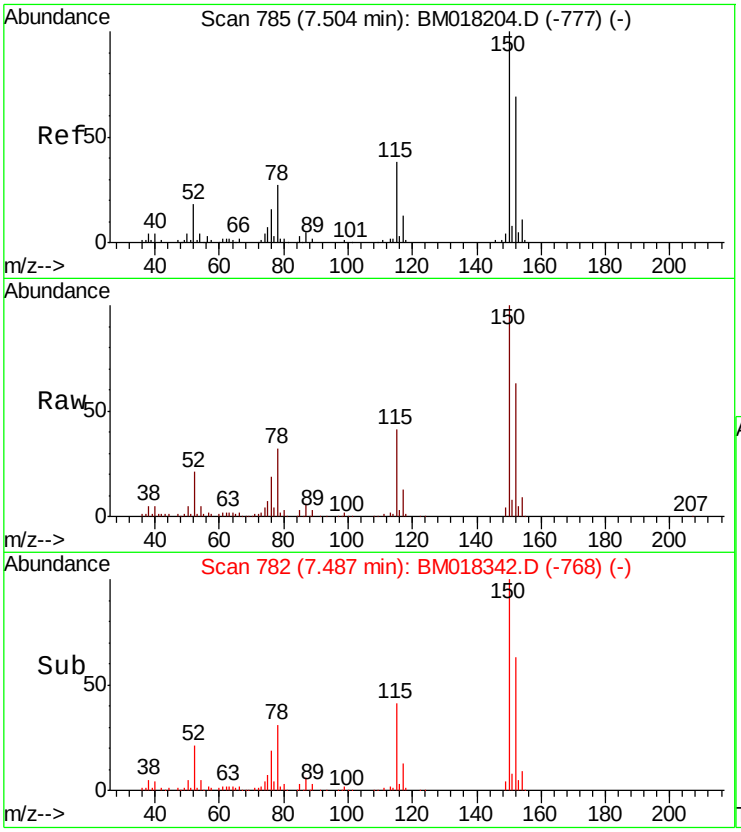


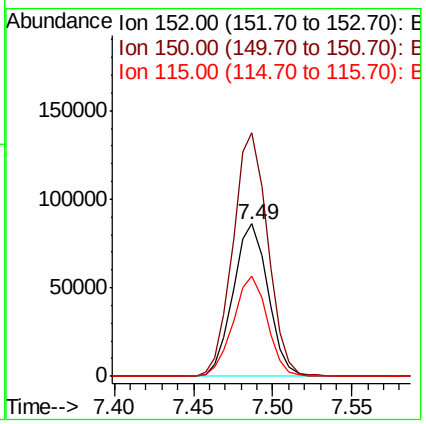


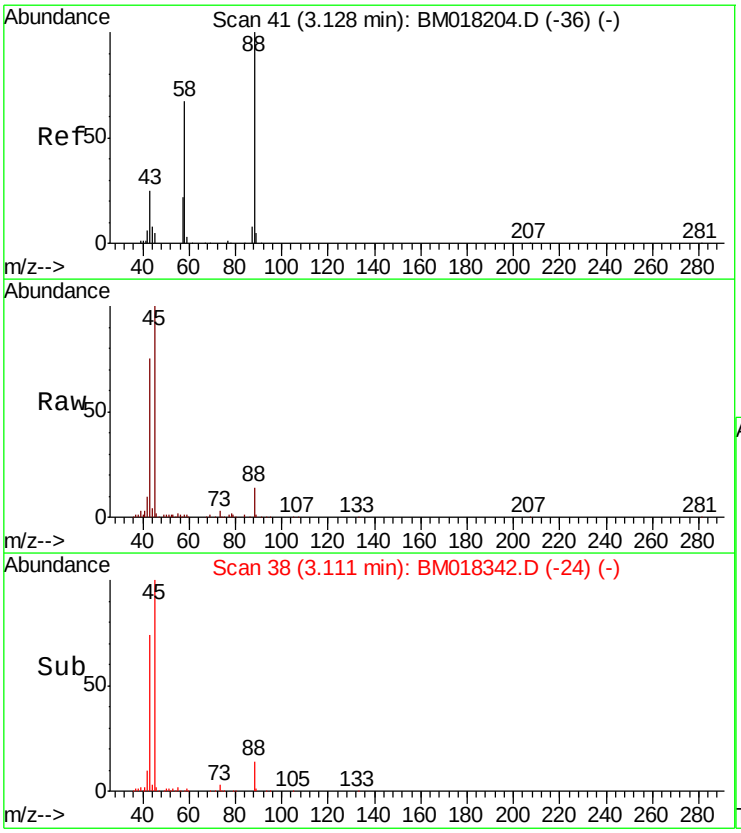
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion:152 Resp: 131918

Ion	Ratio	Lower	Upper
152	100		
150	159.6	116.1	174.1
115	66.0	44.6	67.0

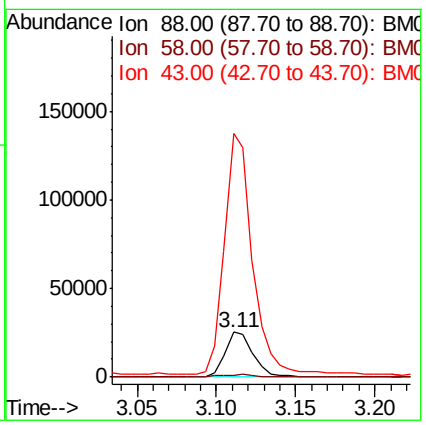


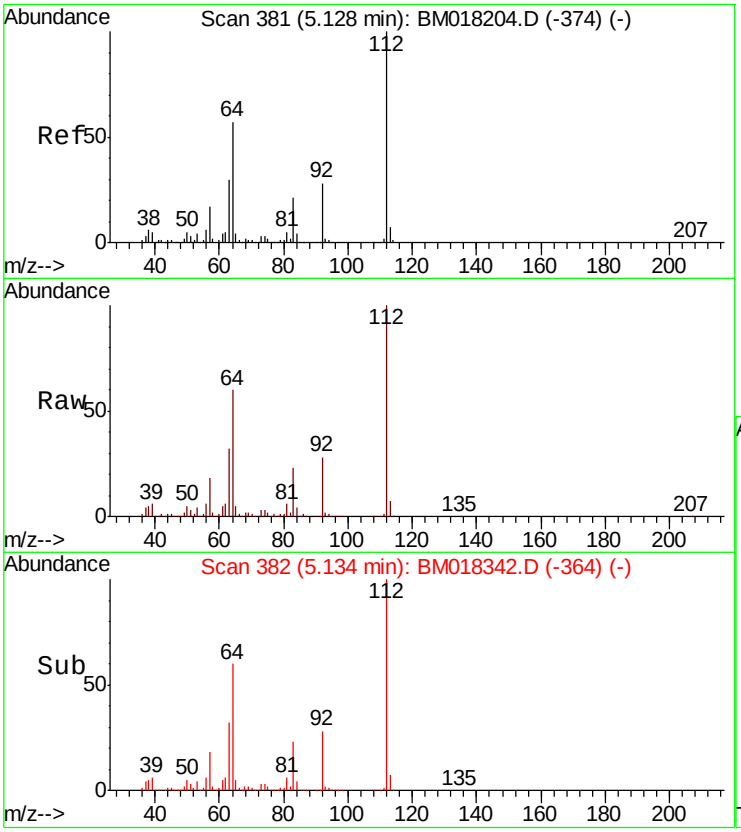


#2
1,4-Dioxane
Concen: 9.970 ng
RT: 3.11 min Scan# 38
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion: 88 Resp: 31188

Ion	Ratio	Lower	Upper
88	100		
58	9.6	49.8	74.6#
43	530.5	19.1	28.7#



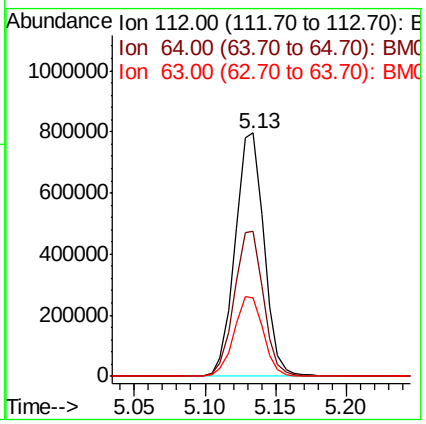


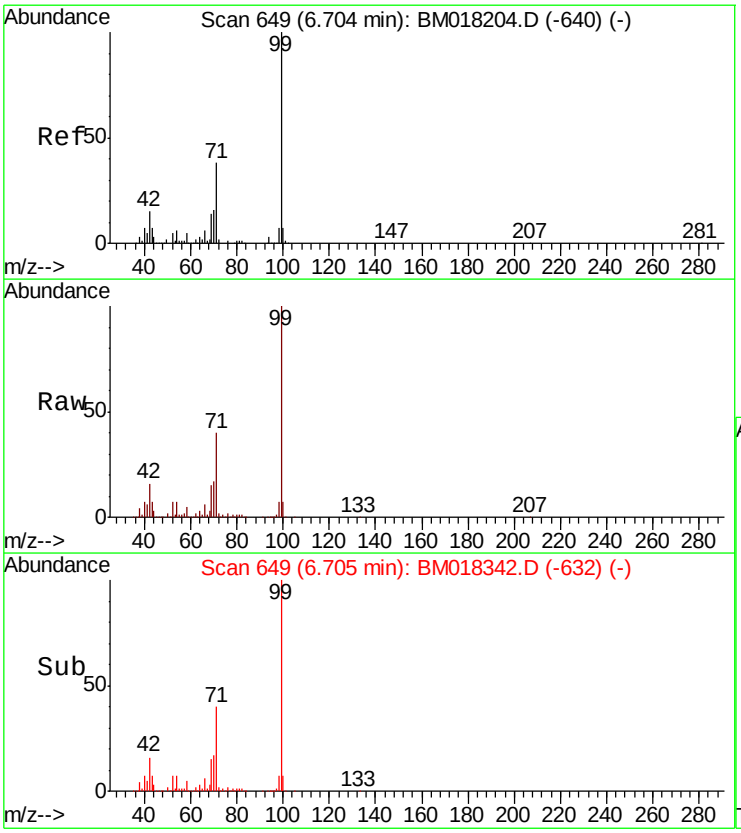
#5
2-Fluorophenol
Concen: 144.041 ng
RT: 5.13 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion:112 Resp: 1137493

Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.4	68.2
63	32.4	24.0	36.0

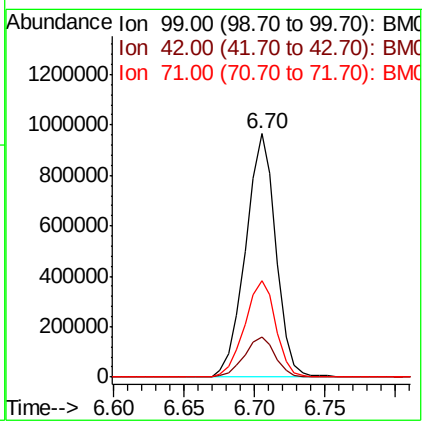


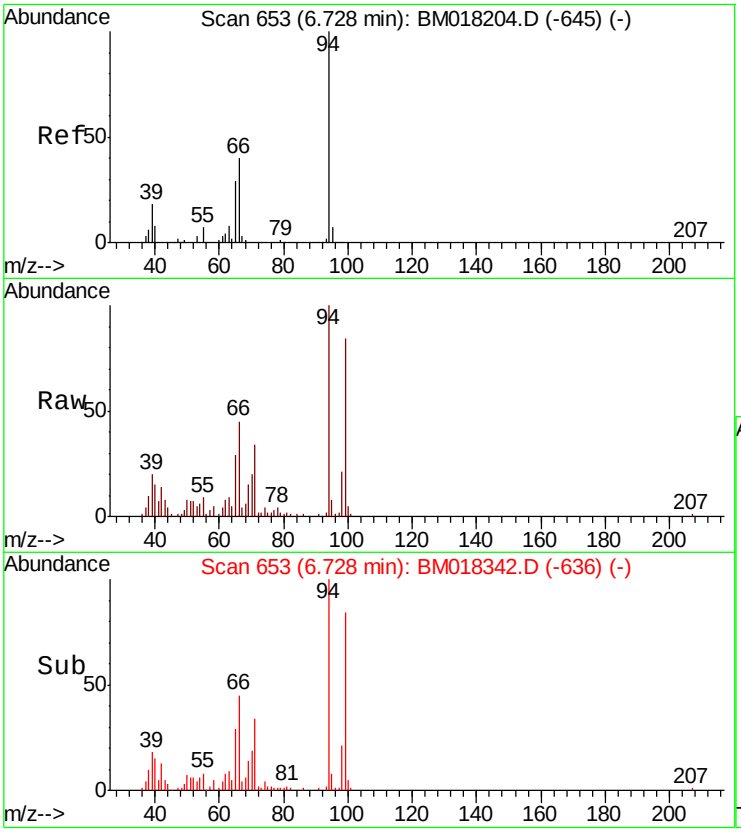


#7
Phenol-d6
Concen: 132.535 ng
RT: 6.70 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion: 99 Resp: 1454733

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.3	18.5
71	39.8	30.2	45.2



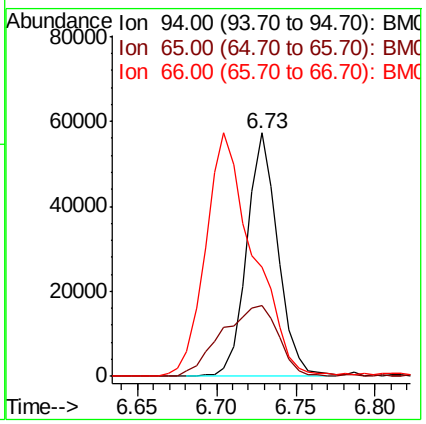


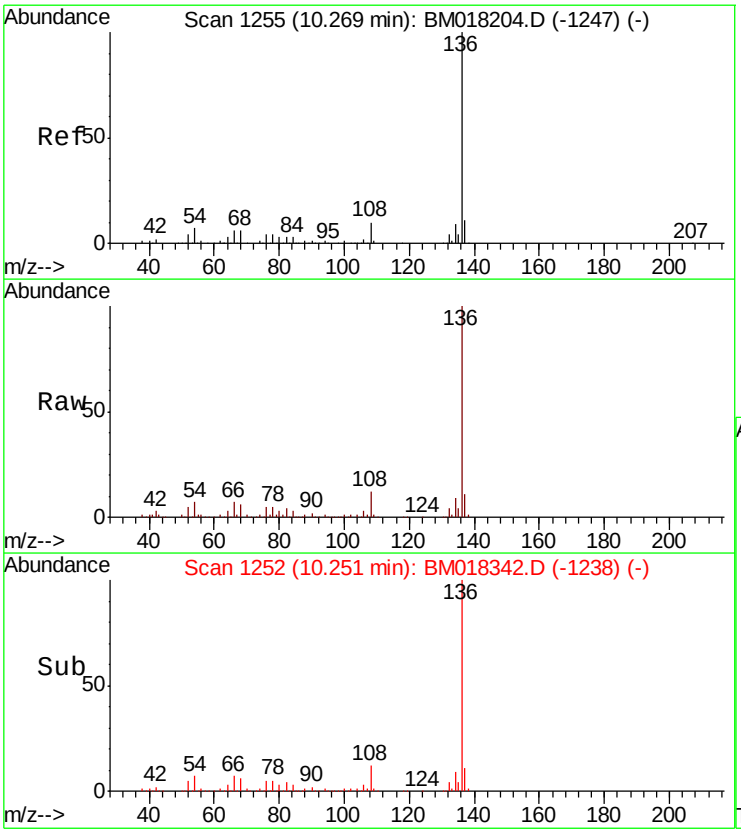
#10
Phenol
Concen: 6.715 ng
RT: 6.73 min Scan# 653
Delta R.T. 0.00 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion: 94 Resp: 78063

Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.5	49.5
66	44.9	21.3	61.3

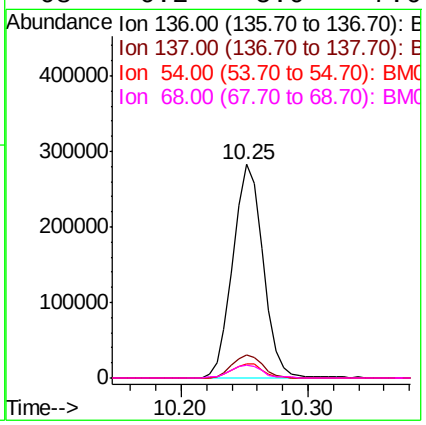


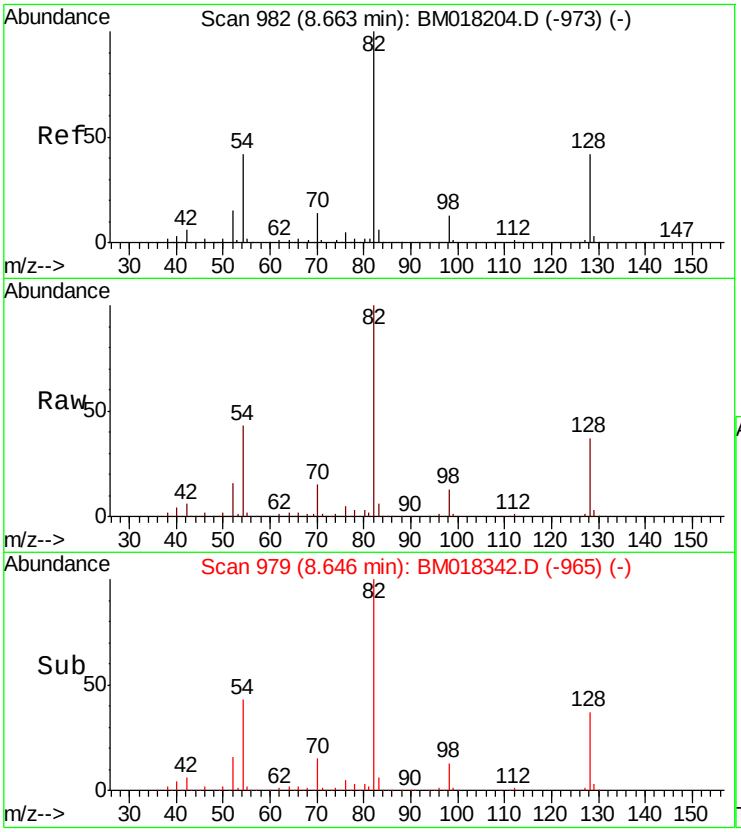


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion:136 Resp: 467626

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.9	5.2	7.8
68	6.2	5.0	7.6



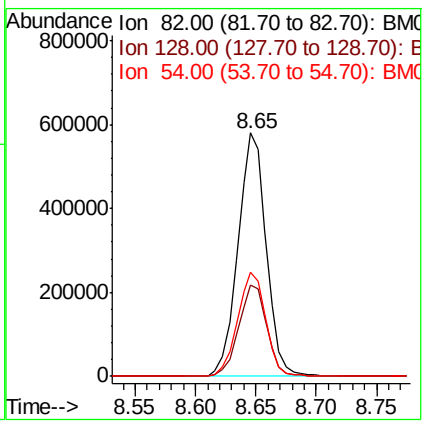


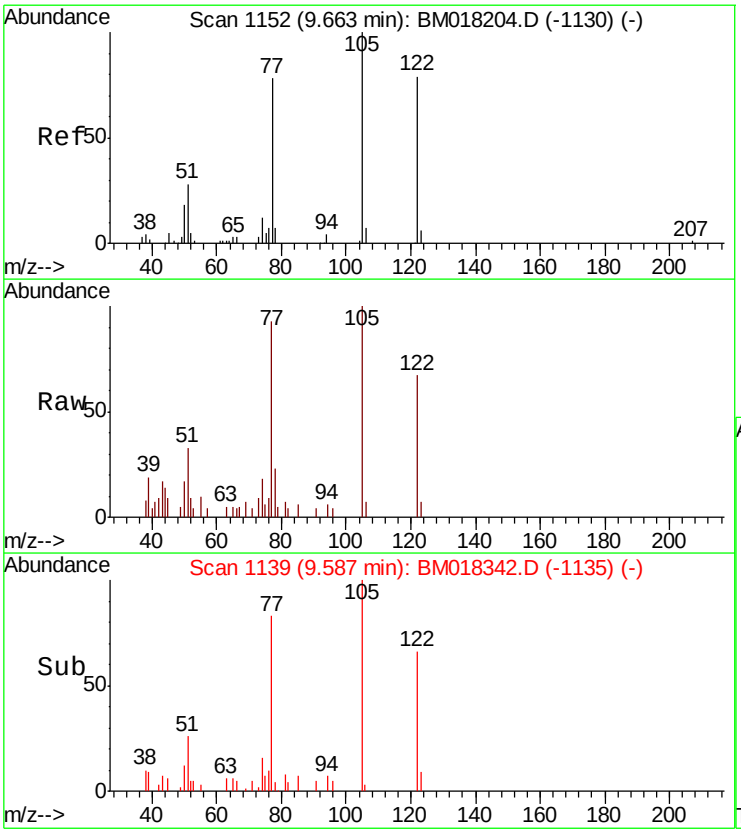
#23
Nitrobenzene-d5
Concen: 103.589 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion: 82 Resp: 944388

Ion	Ratio	Lower	Upper
82	100		
128	37.3	33.4	50.2
54	42.7	33.4	50.2

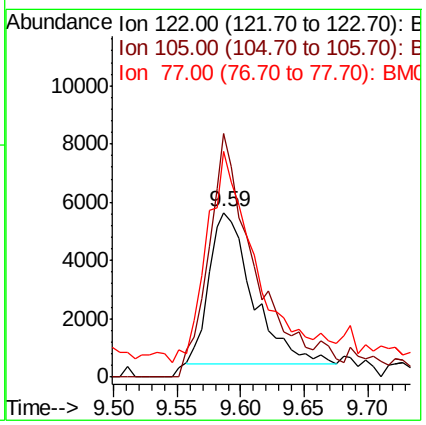


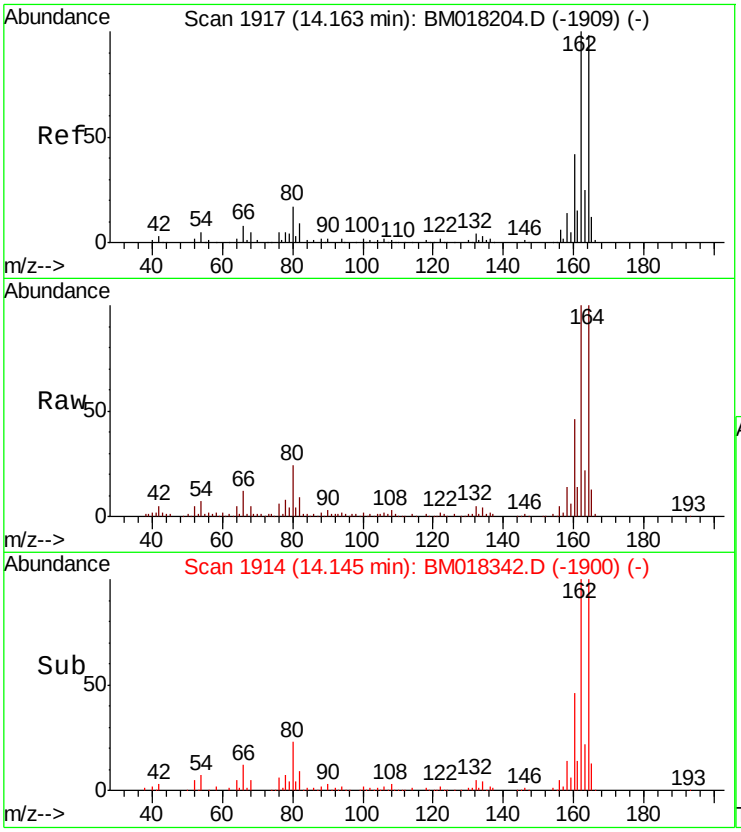


#32
Benzoic acid
Concen: 2.033 ng
RT: 9.59 min Scan# 1139
Delta R.T. -0.08 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion:122 Resp: 12393

Ion	Ratio	Lower	Upper
122	100		
105	148.3	104.8	144.8#
77	137.7	77.7	117.7#



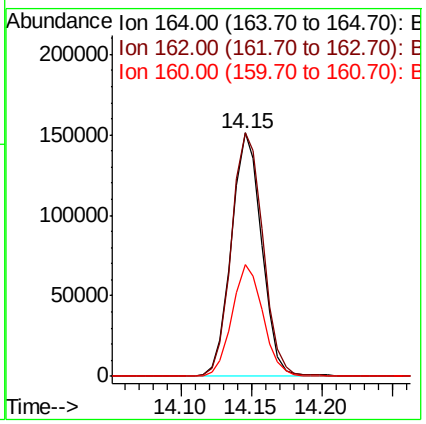


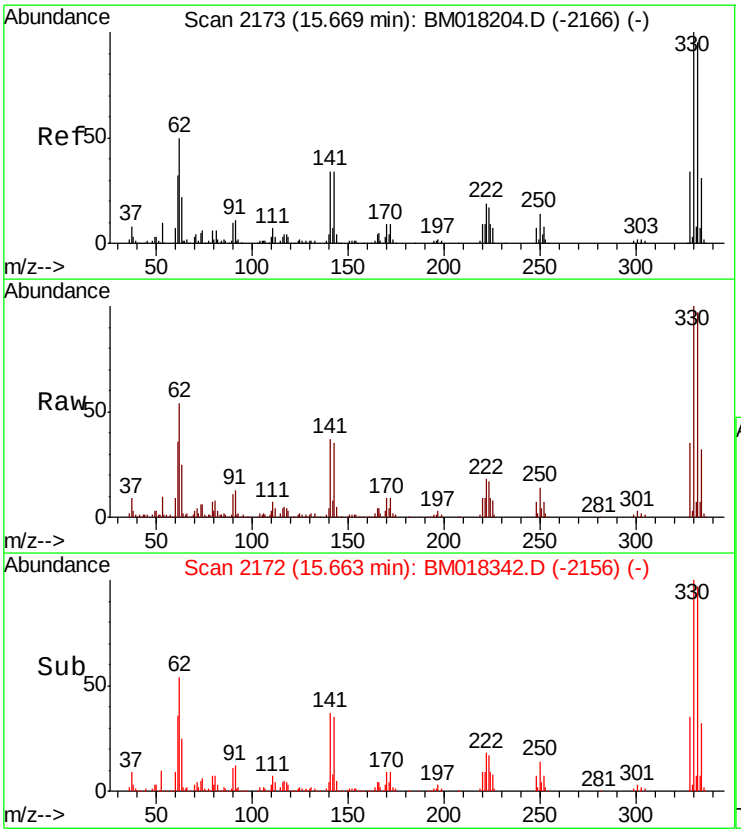
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion:164 Resp: 226229

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.8	122.6
160	45.7	34.6	51.8

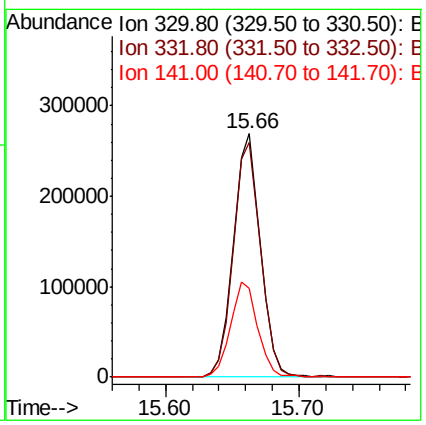


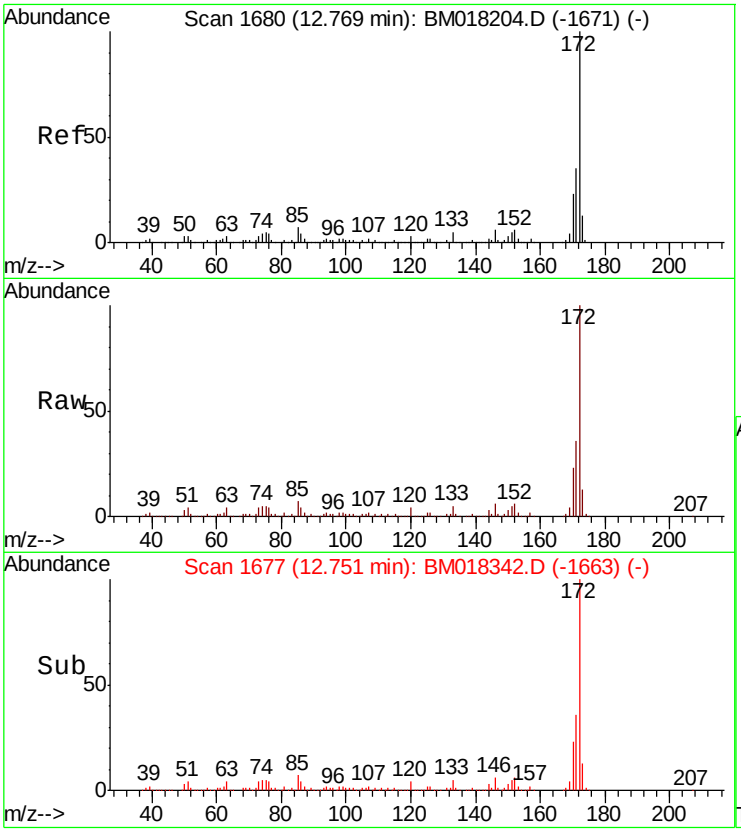


#42
2,4,6-Tribromophenol
Concen: 114.172 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion:330 Resp: 379097

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.6	118.0
141	39.6	27.1	40.7



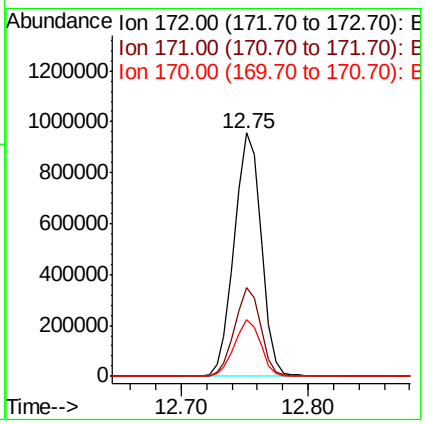


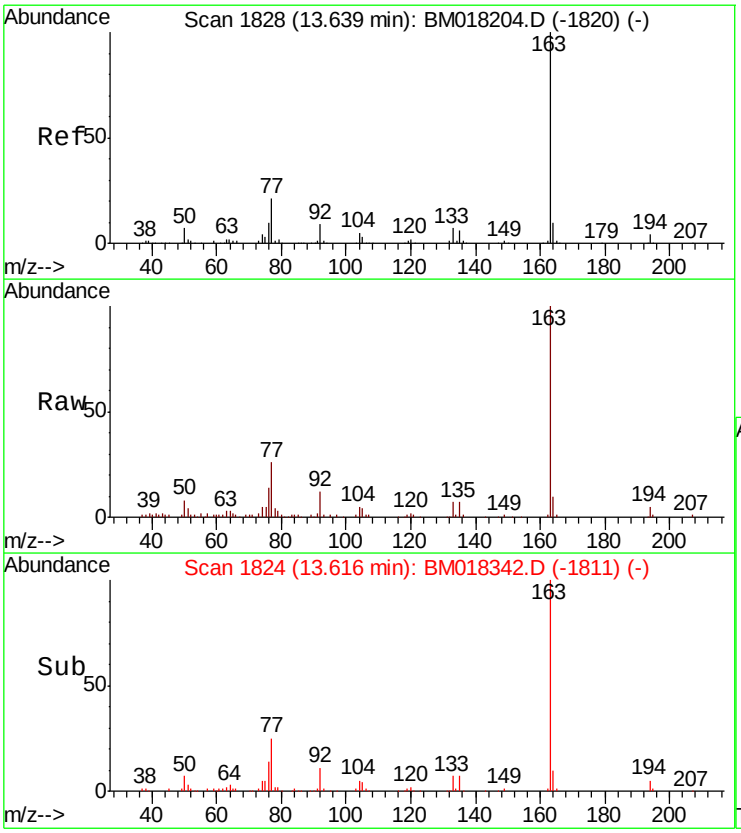
#45
2-Fluorobiphenyl
Concen: 80.641 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion:172 Resp: 1408491

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	23.1	18.1	27.1

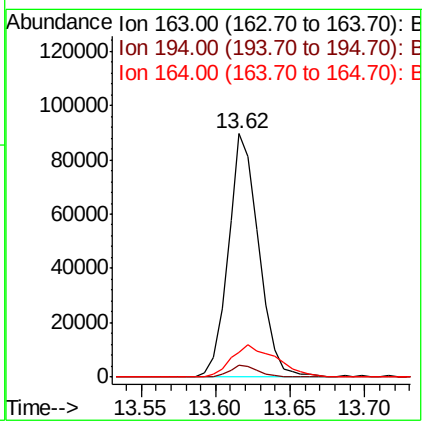


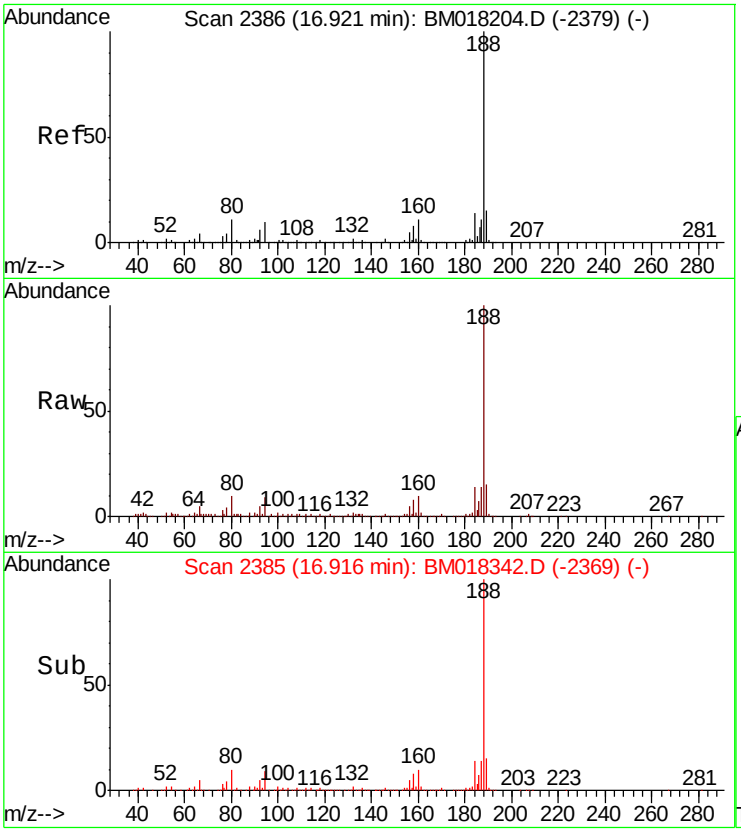


#50
Dimethylphthalate
Concen: 6.795 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion:163 Resp: 127798

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.1	4.7#
164	10.4	7.9	11.9



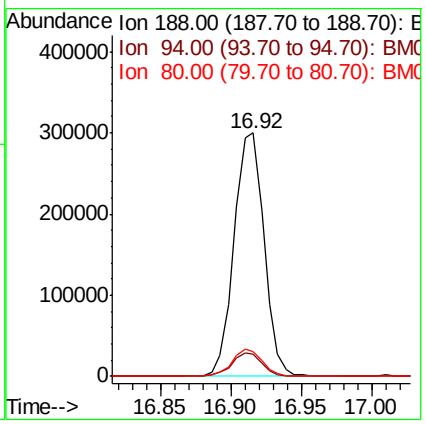


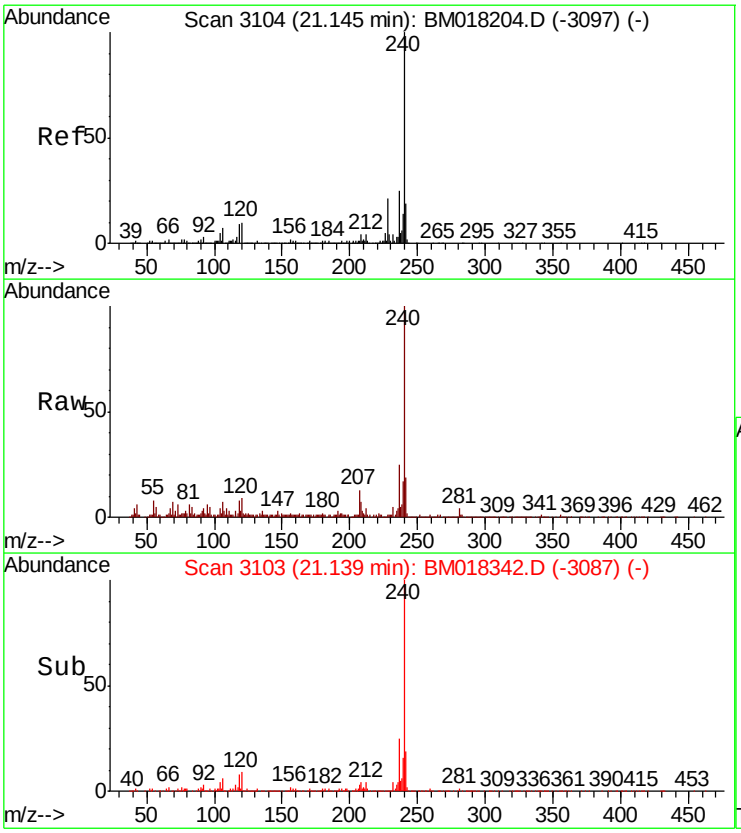
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion:188 Resp: 444000

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	10.4	9.0	13.6

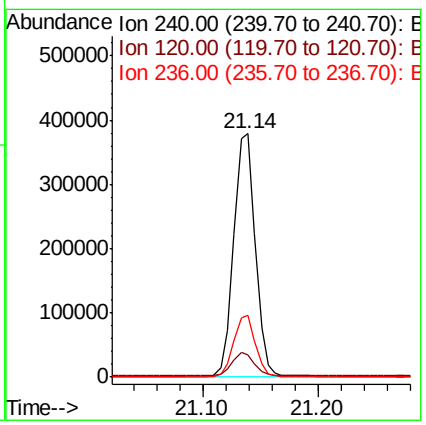


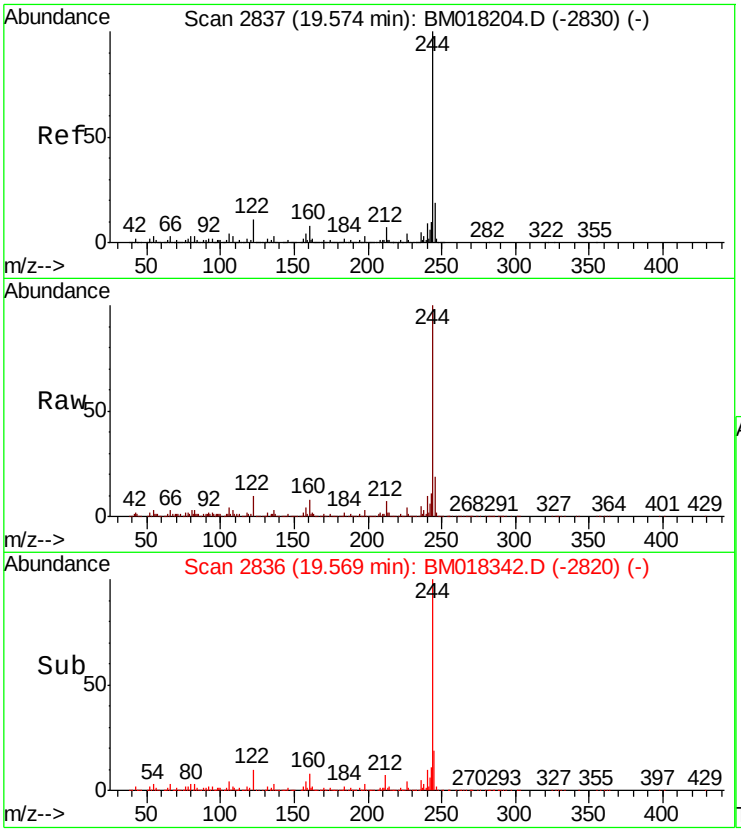


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion:240 Resp: 493418

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	25.4	20.3	30.5



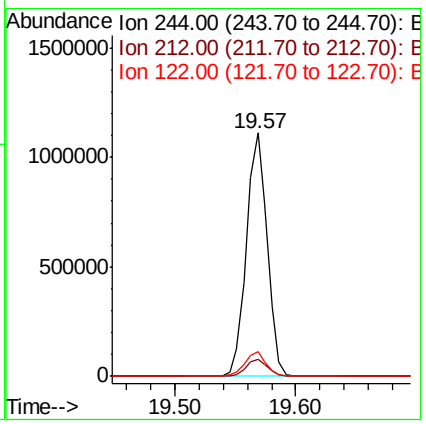


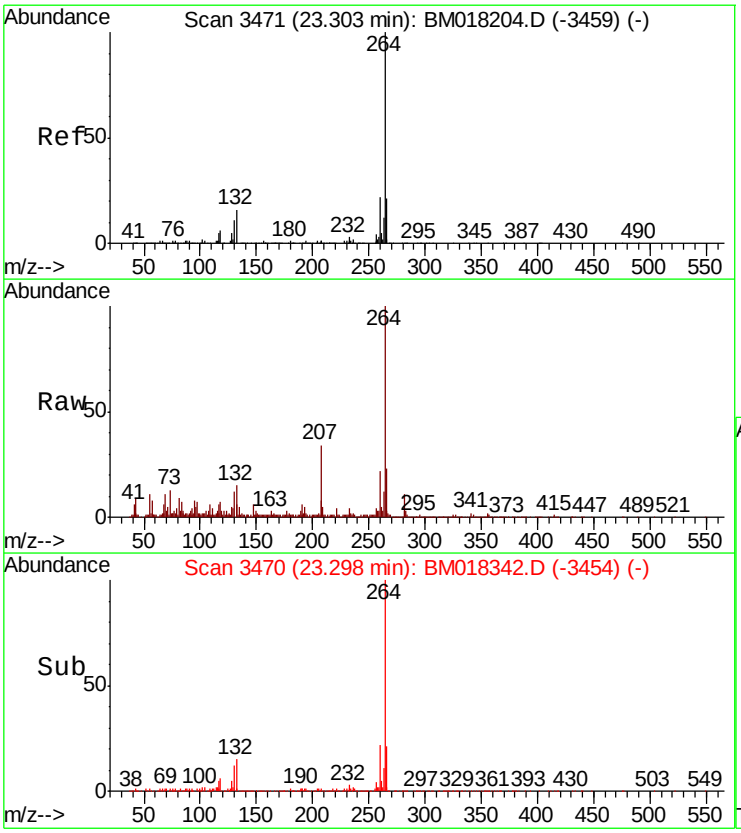
#79
Terphenyl-d14
Concen: 61.415 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Instrument :
BNA_M
ClientSampleId :
P001-SS016-0006-02

Tgt Ion:244 Resp: 1339883

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.0	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018342.D
Acq: 20 Dec 2018 22:23

Tgt Ion:264 Resp: 559260

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.5	26.3
265	22.8	17.3	25.9