Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018587.D
Acq On : 16 Jan 2019 17:26
Operator : JU/SJ
Sample : K1149-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW001-190114-01

Quant Time: Jan 17 01:20:43 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	111876	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	464227	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	275696	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	672337	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1004758	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1266354	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	411057	67.84	ng	-0.02
7) Phenol-d6	6.92	99	339713	44.14	ng	-0.01
23) Nitrobenzene-d5	8.91	82	653726	81.63	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	531329	151.36	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	1708590	80.87	ng	-0.01
79) Terphenyl-d14	19.77	244	3413752	71.62	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.95	94	51757	6.619	ng	96
17) 2-Methylphenol	8.19	107	21934	4.132	ng	96
20) 3+4-Methylphenols	8.52	107	43197	5.895	ng	88
31) Naphthalene	10.59	128	340798	15.243	ng	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018587.D
Acq On : 16 Jan 2019 17:26
Operator : JU/SJ
Sample : K1149-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Quant Time: Jan 17 01:20:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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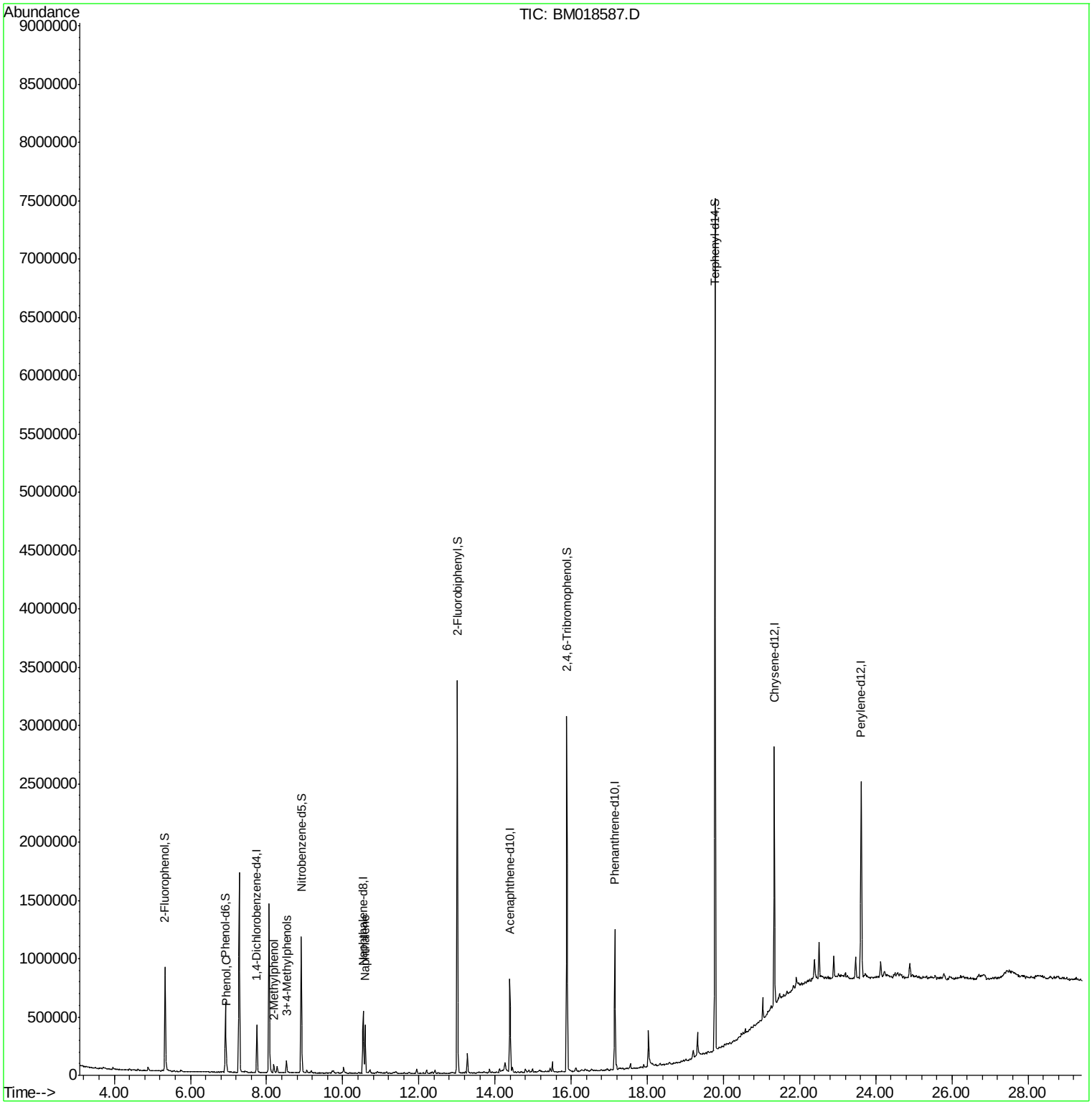
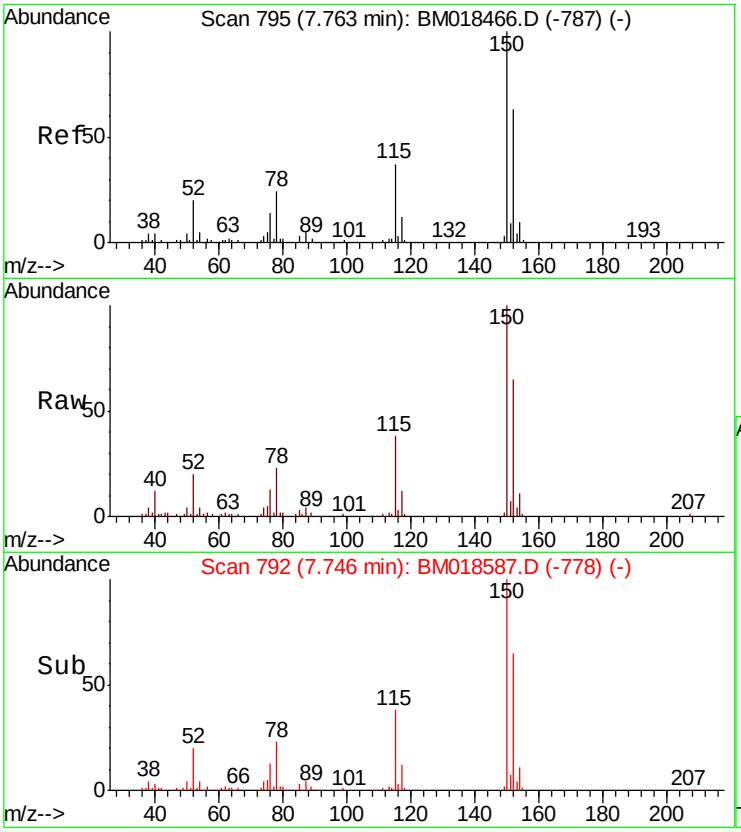


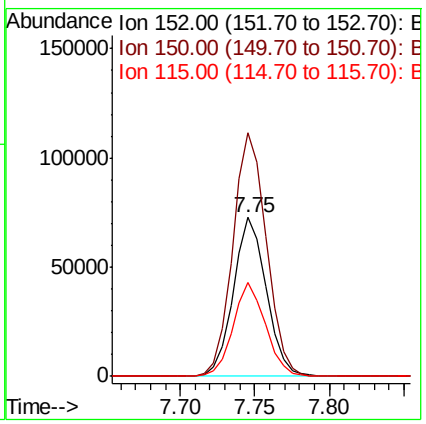


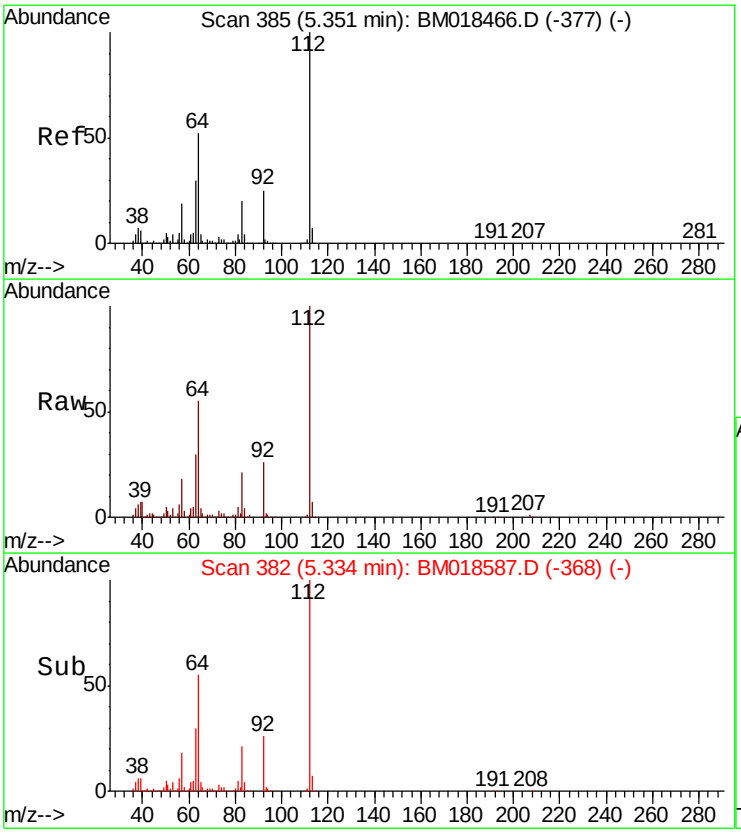
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion:152 Resp: 111876

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.9	190.3
115	58.8	45.5	68.3

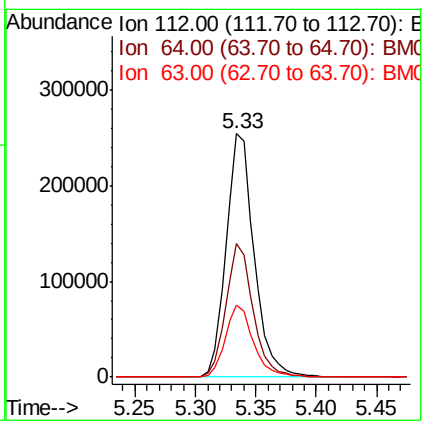


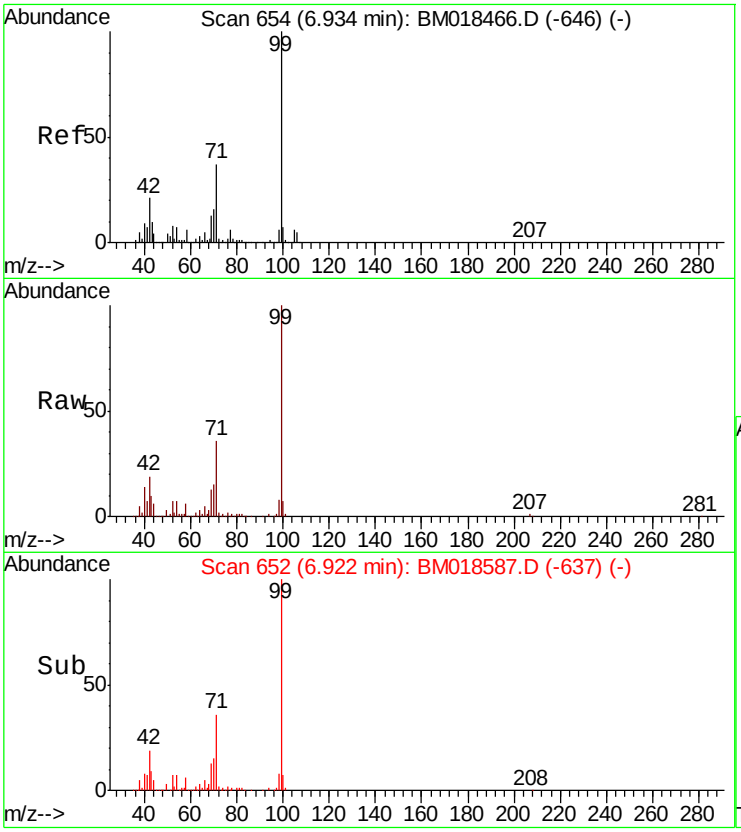


#5
2-Fluorophenol
Concen: 67.844 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion:112 Resp: 411057

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	29.8	25.2	37.8



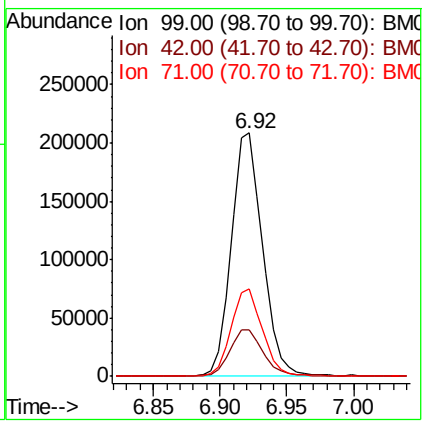


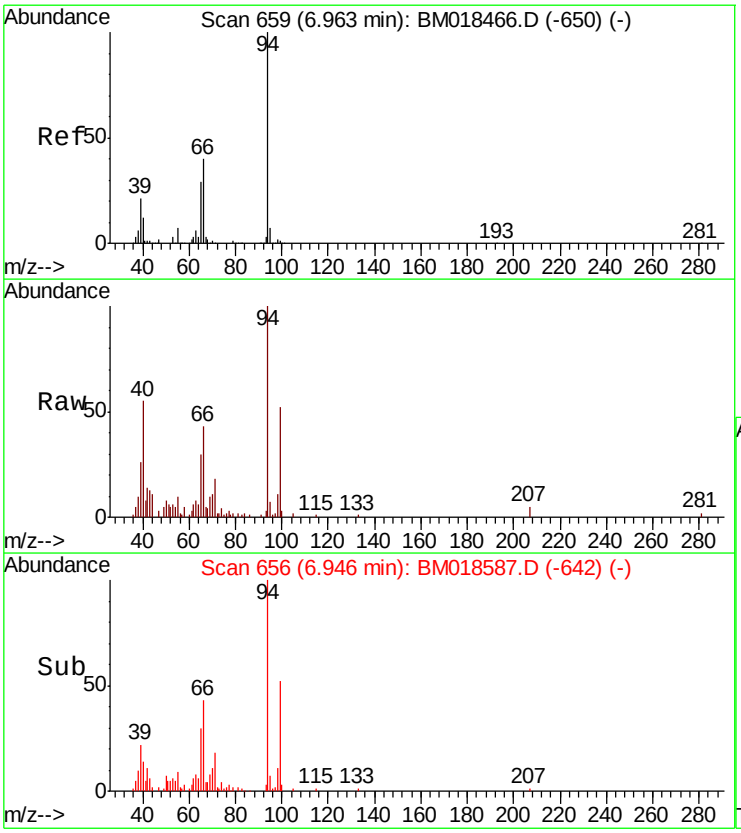
#7
Phenol-d6
Concen: 44.145 ng
RT: 6.92 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion: 99 Resp: 339713

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.3	25.9
71	35.9	28.0	42.0

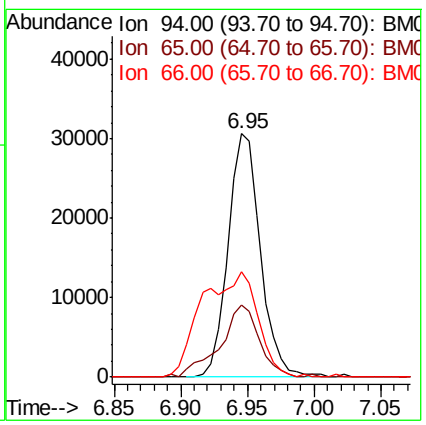


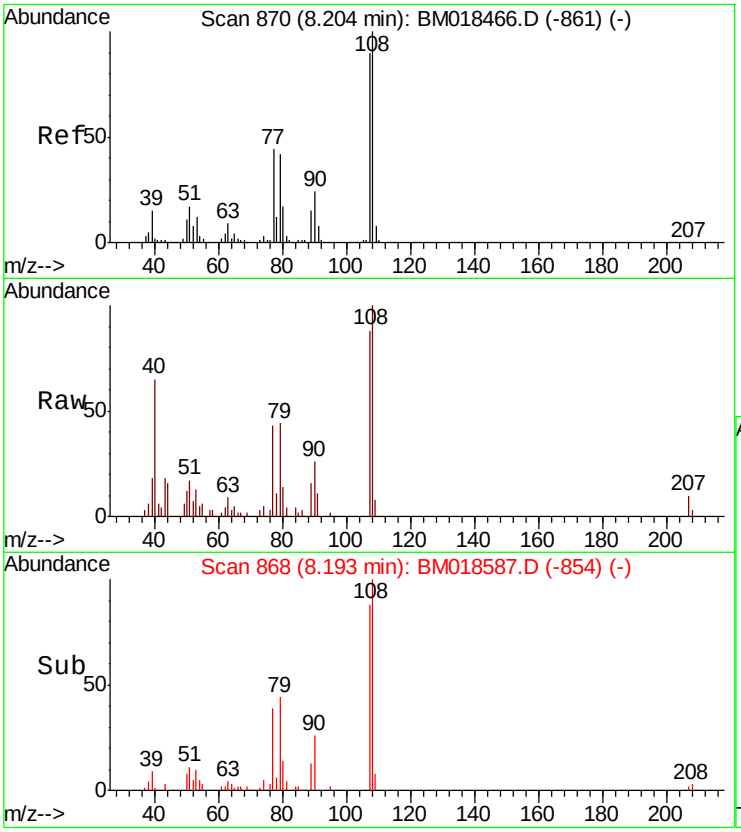


#10
Phenol
Concen: 6.619 ng
RT: 6.95 min Scan# 656
Delta R.T. -0.02 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion: 94 Resp: 51757

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.4	49.4
66	43.5	19.1	59.1



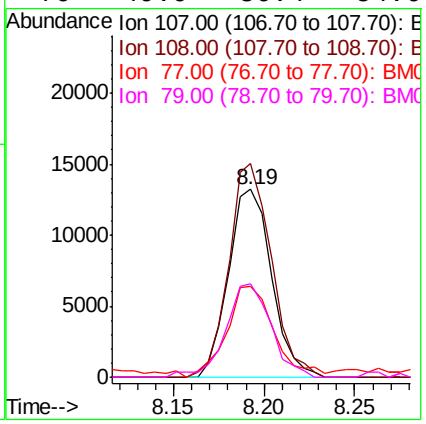


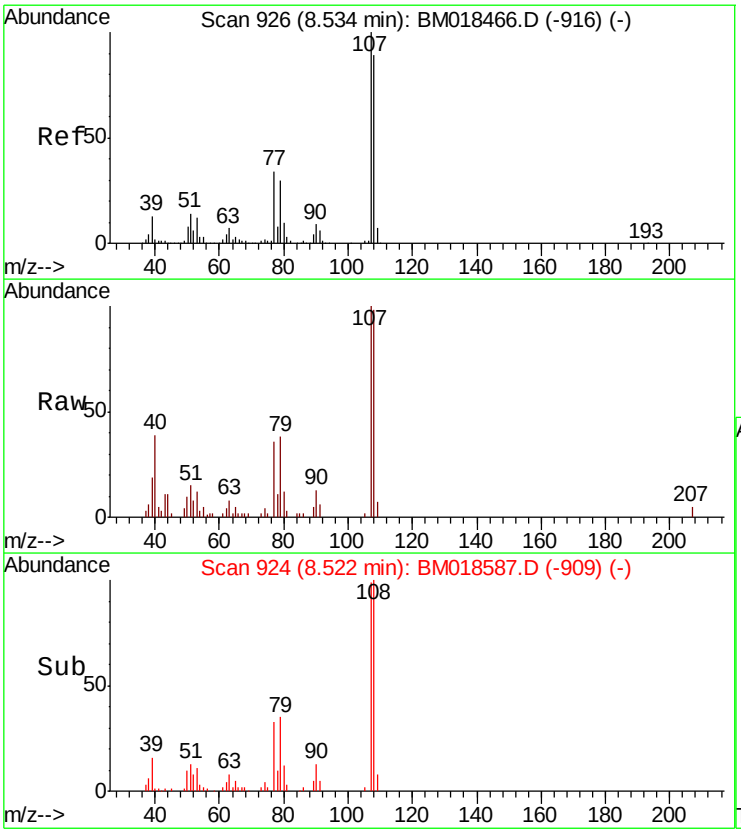
#17
2-Methylphenol
Concen: 4.132 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion:107 Resp: 21934

Ion	Ratio	Lower	Upper
107	100		
108	113.8	87.5	131.3
77	48.7	37.3	55.9
79	49.9	36.4	54.6

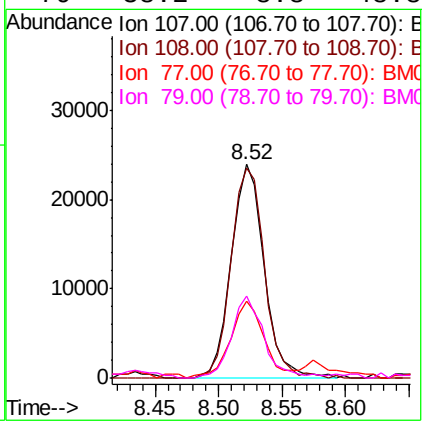


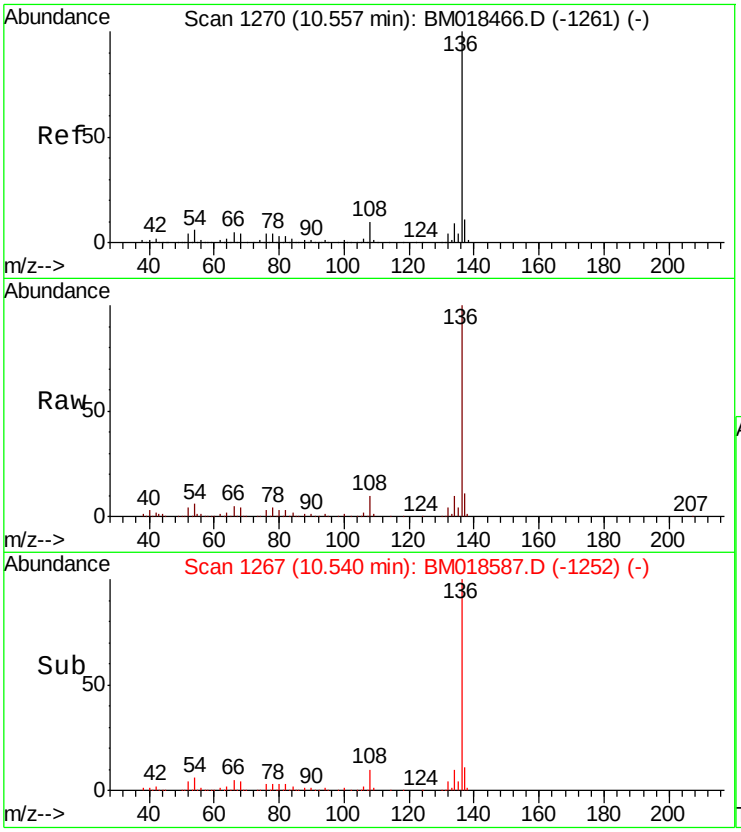


#20
3+4-Methylphenols
Concen: 5.895 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion:107 Resp: 43197

Ion	Ratio	Lower	Upper
107	100		
108	98.5	66.8	106.8
77	35.9	13.3	53.3
79	38.2	8.8	48.8



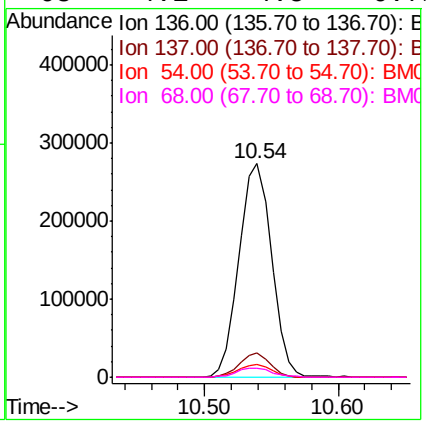


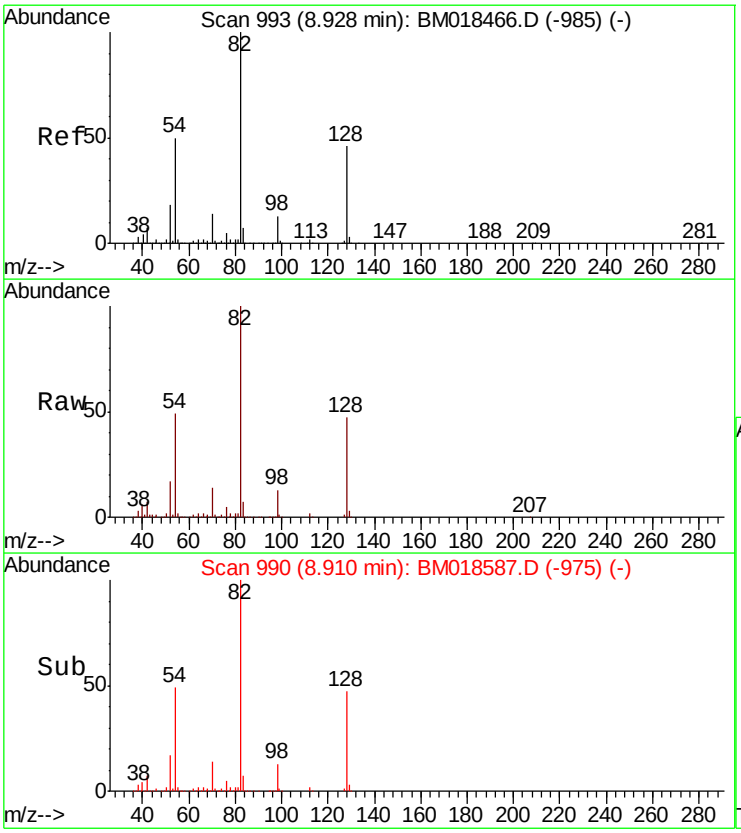
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion:136 Resp: 464227

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.0	6.0	9.0
68	4.1	4.5	6.7#

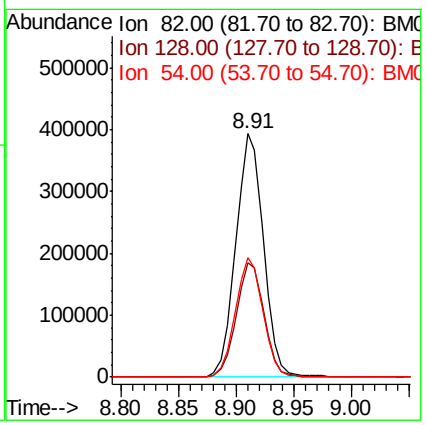


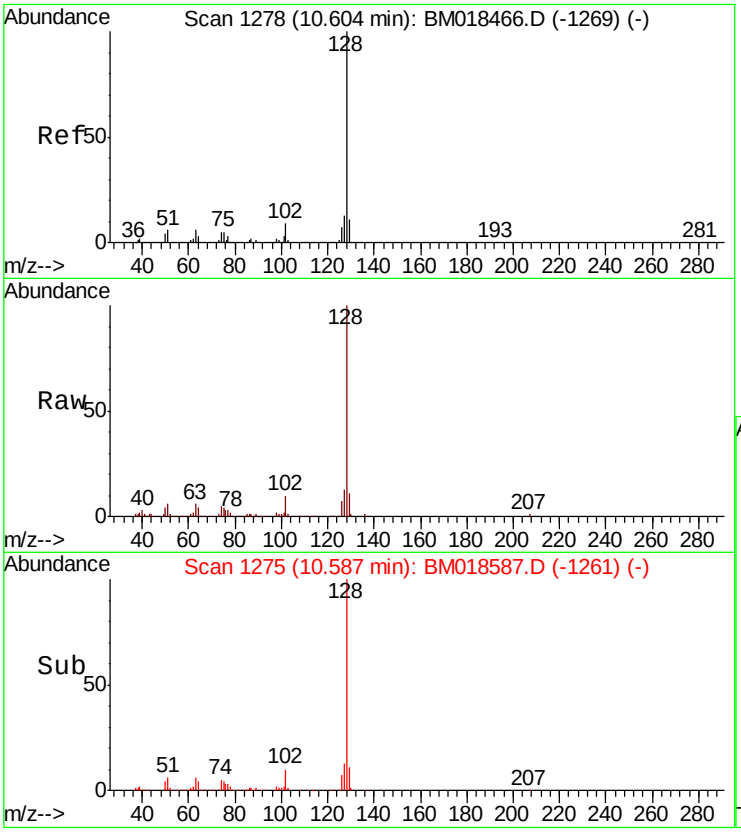


#23
Nitrobenzene-d5
Concen: 81.635 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion: 82 Resp: 653726

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	49.1	41.7	62.5



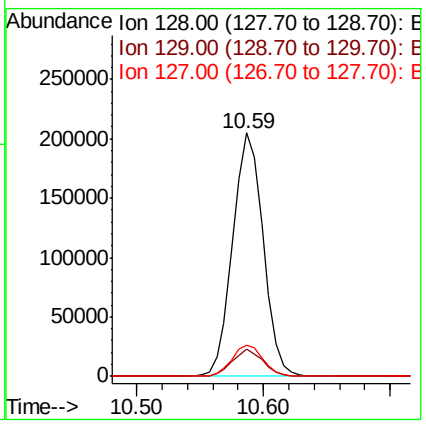


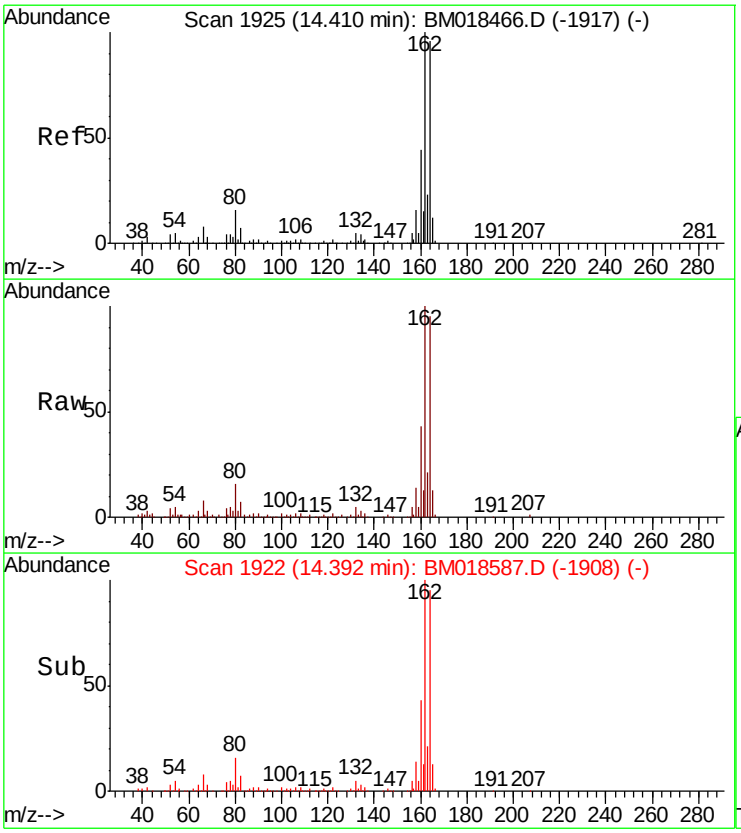
#31
Naphthalene
Concen: 15.243 ng
RT: 10.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion:128 Resp: 340798

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	12.8	10.8	16.2

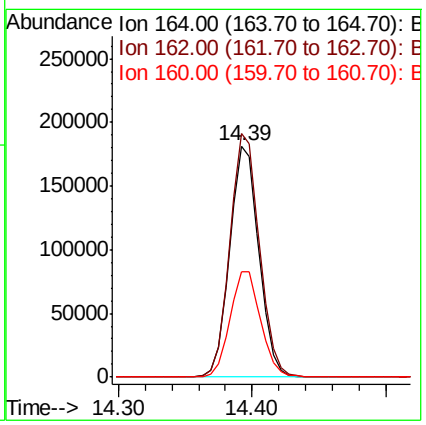


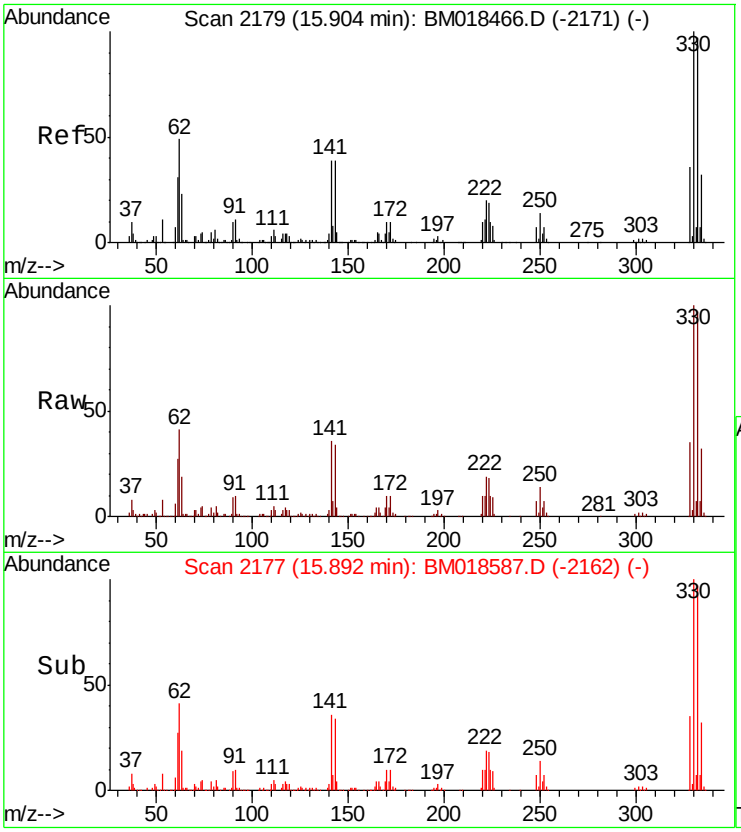


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion:164 Resp: 275696

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.4
160	45.6	37.1	55.7



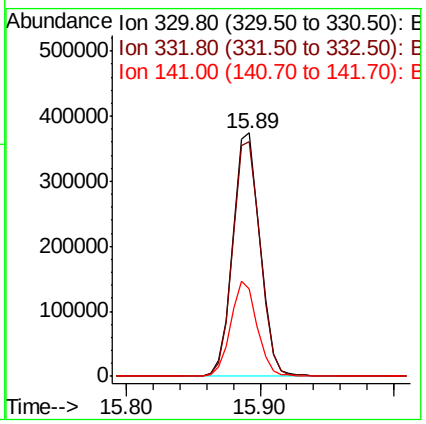


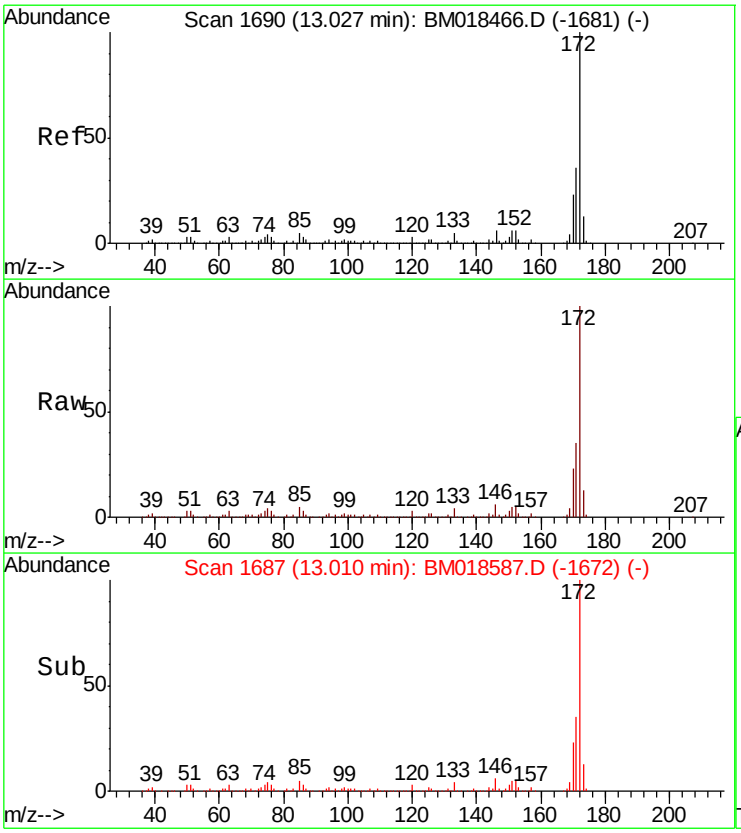
#42
2,4,6-Tribromophenol
Concen: 151.359 ng
RT: 15.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion:330 Resp: 531329

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	38.3	31.7	47.5

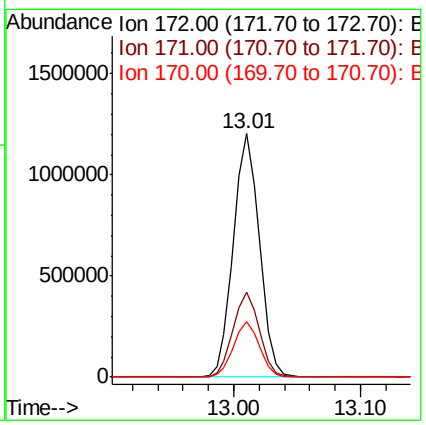


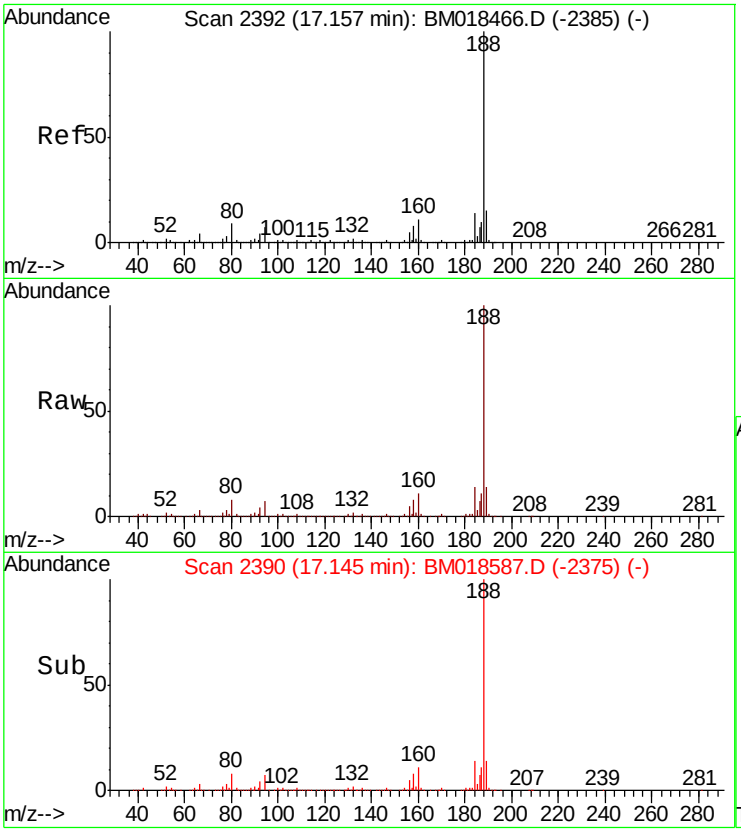


#45
2-Fluorobiphenyl
Concen: 80.867 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion:172 Resp: 1708590

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	22.7	18.9	28.3



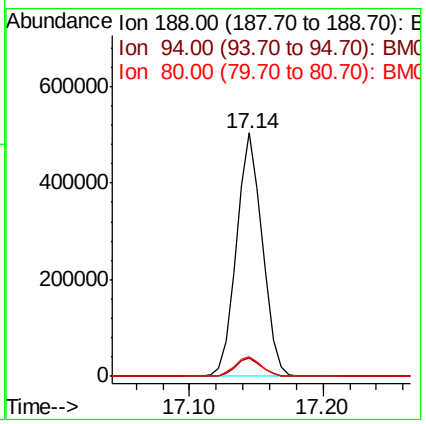


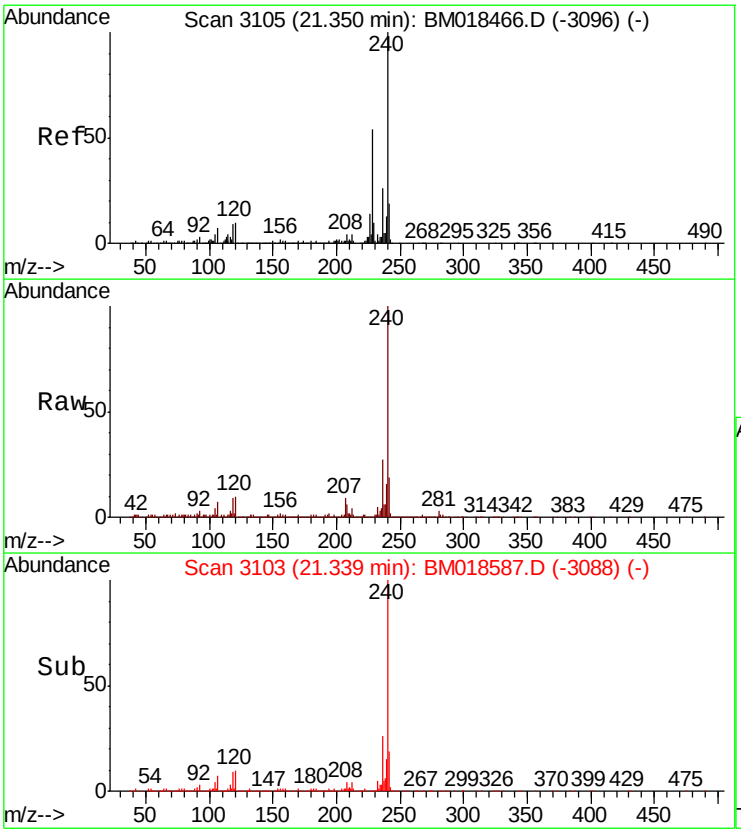
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion:188 Resp: 672337

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.2	7.6	11.4

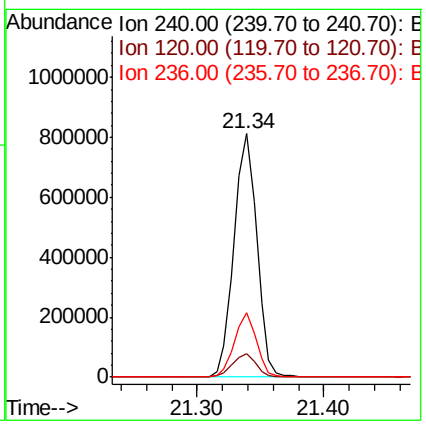


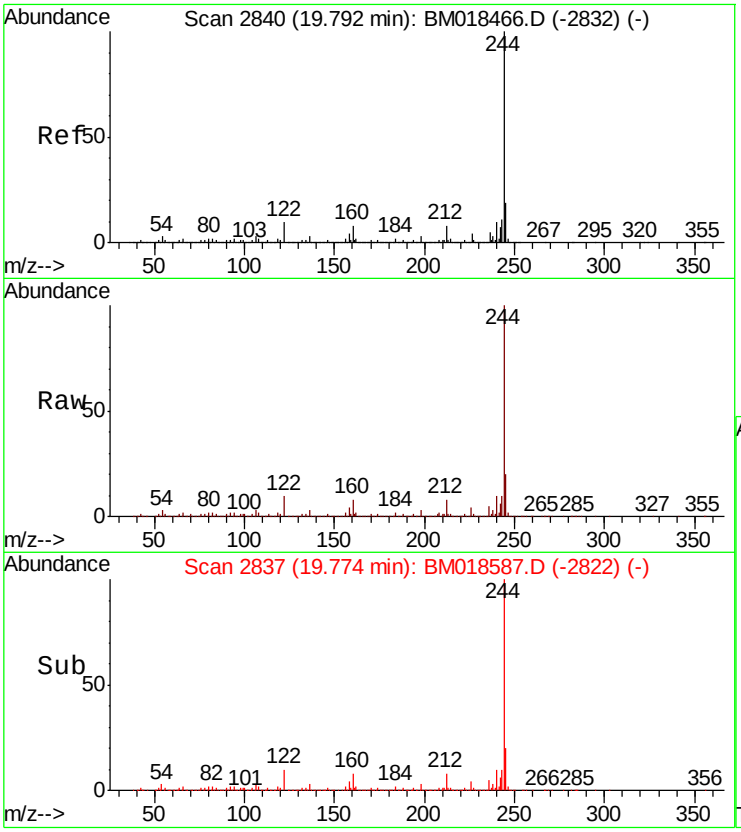


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion:240 Resp: 1004758

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.5	20.7	31.1



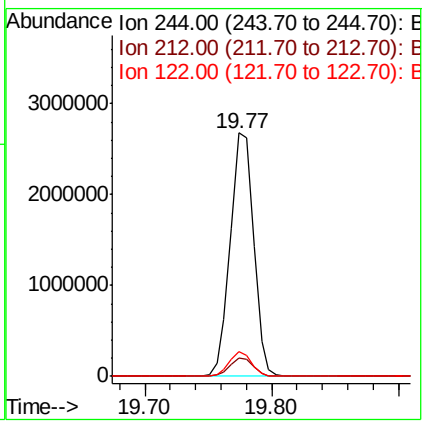


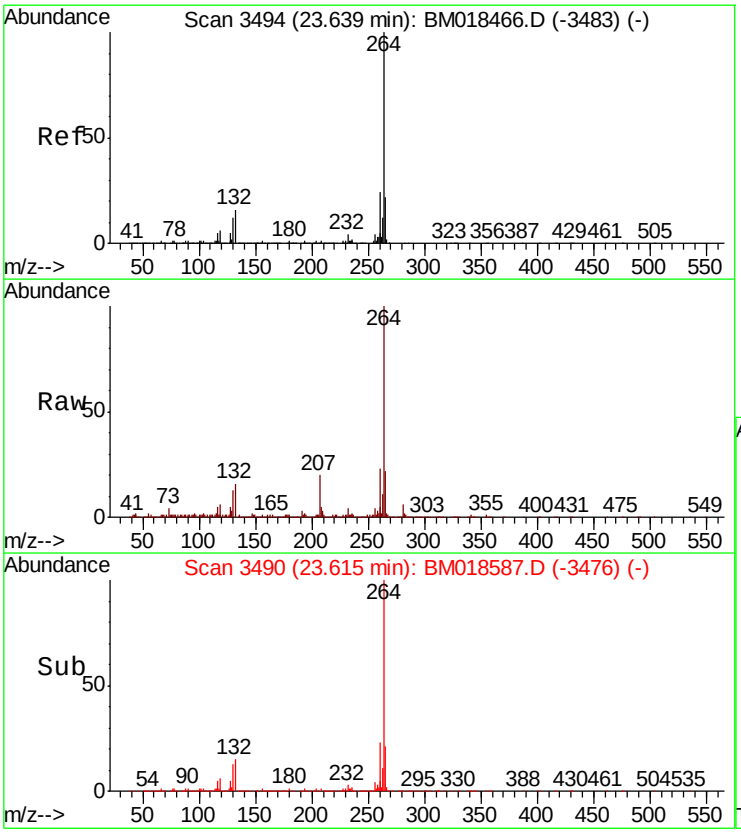
#79
Terphenyl-d14
Concen: 71.622 ng
RT: 19.77 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Instrument :
BNA_M
ClientSampleId :
SW001-190114-01

Tgt Ion:244 Resp: 3413752

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM018587.D
Acq: 16 Jan 2019 17:26

Tgt Ion:264 Resp: 1266354

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	16.8	25.2