Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
Data File : BM017645.D
Acq On : 14 Nov 2018 13:48
Operator : MJ/SJ
Sample : J5911-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FDSB-09(16-18)

Quant Time: Nov 14 14:29:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	292967	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1156722	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	672261	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1499678	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1424831	20.00	ng	0.00
87) Perylene-d12	23.41	264	1190543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2825389	162.76	ng	0.00
7) Phenol-d6	6.81	99	3836913	158.26	ng	0.00
23) Nitrobenzene-d5	8.77	82	2362052	105.42	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1526705	158.05	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	5100405	98.43	ng	0.00
79) Terphenyl-d14	19.66	244	7108224	113.07	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.83	94	182956	7.189	ng	99
50) Dimethylphthalate	13.73	163	471075	8.619	ng	99

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

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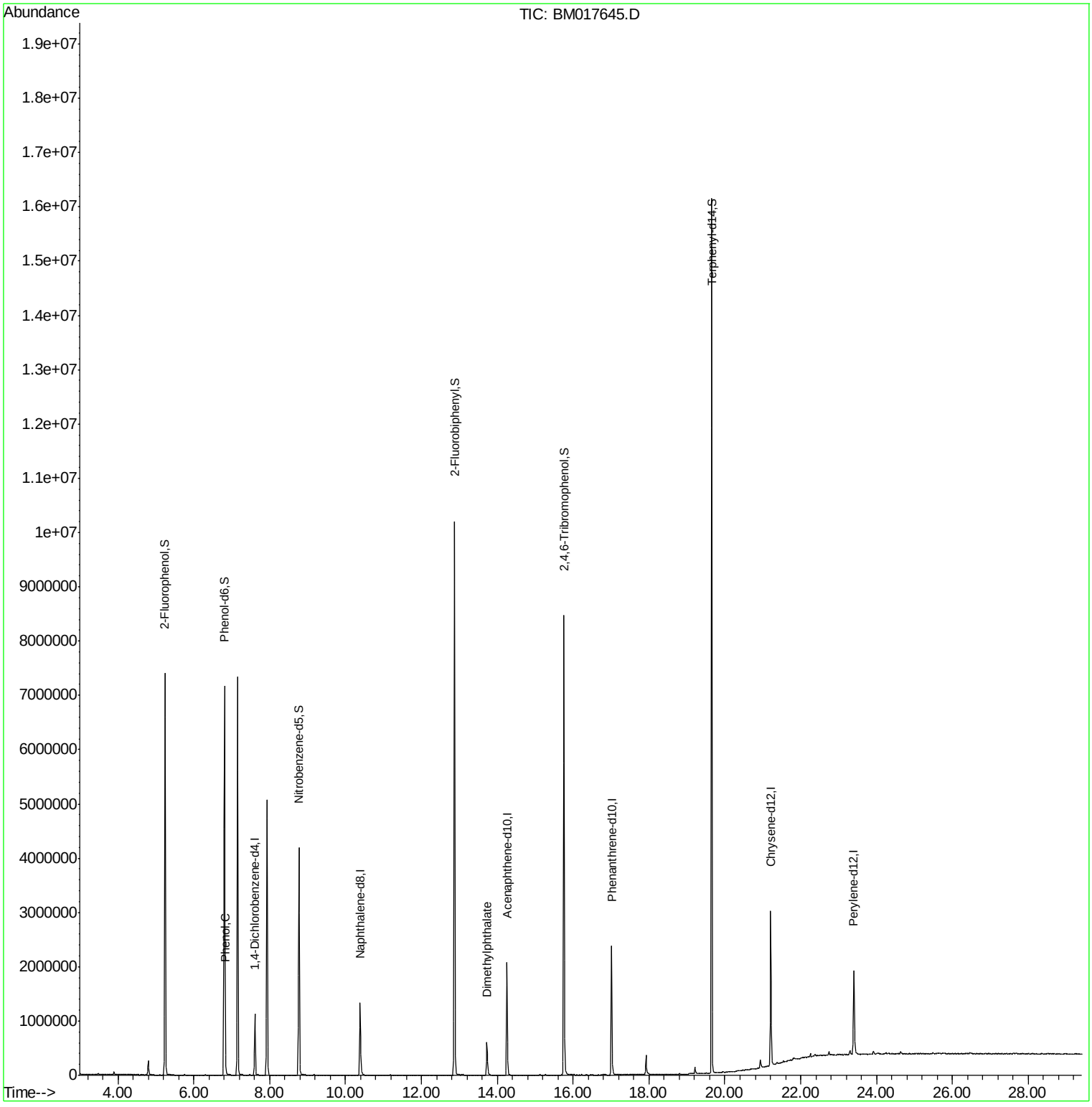
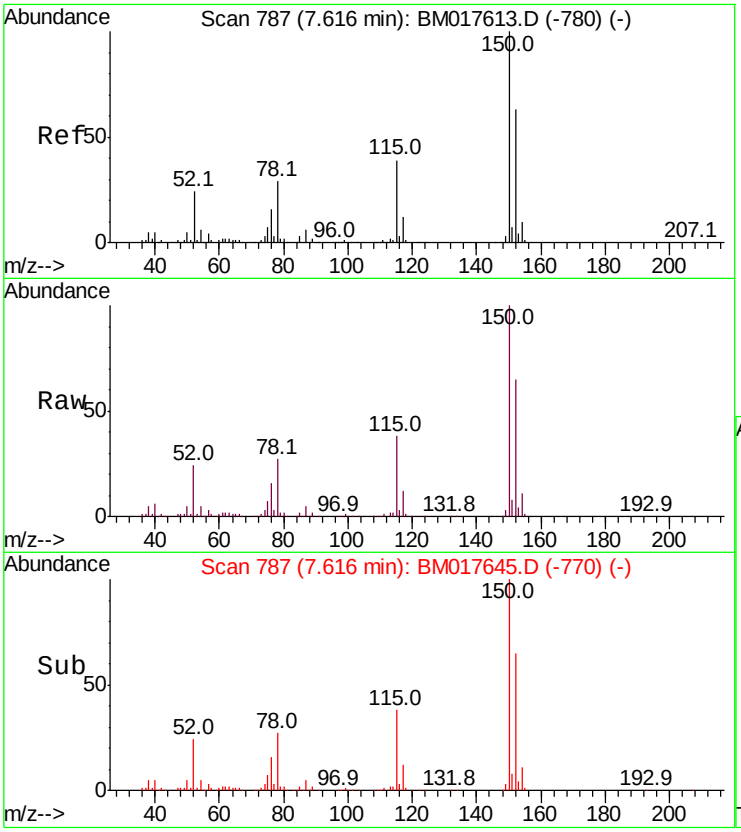


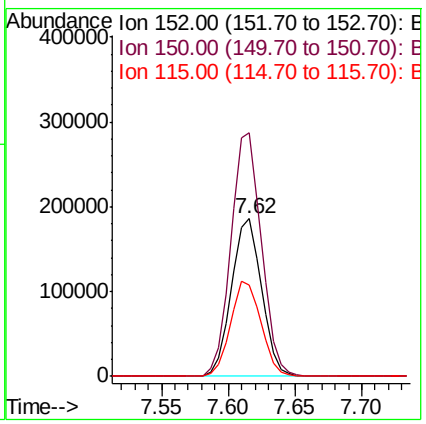


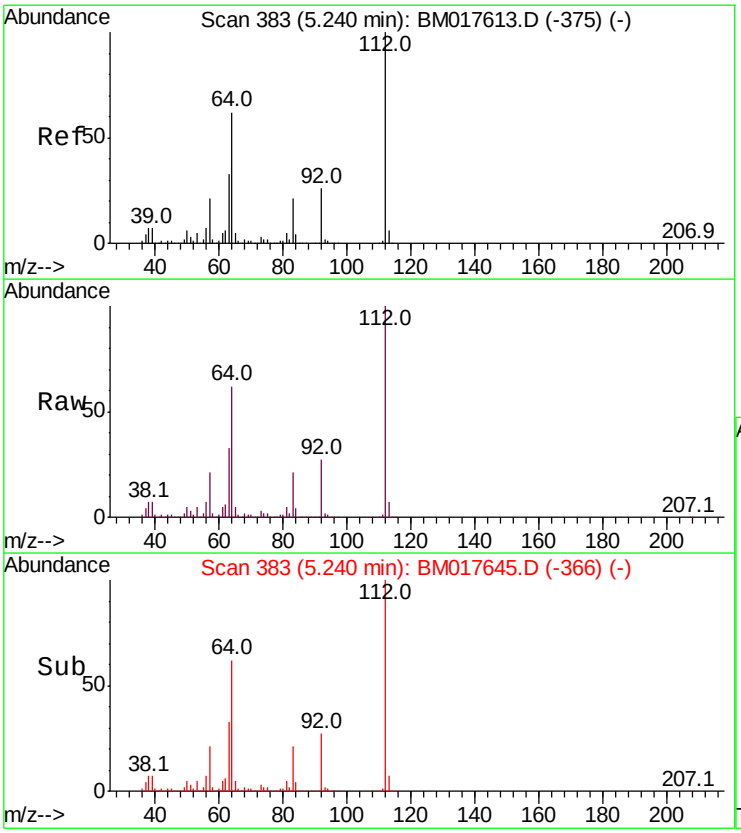
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Instrument :
BNA_M
ClientSampleId :
FDSB-09(16-18)

Tgt Ion:152 Resp: 292967

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.4	189.6
115	58.2	49.4	74.0

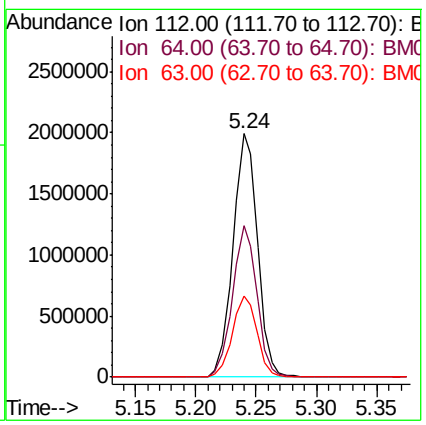


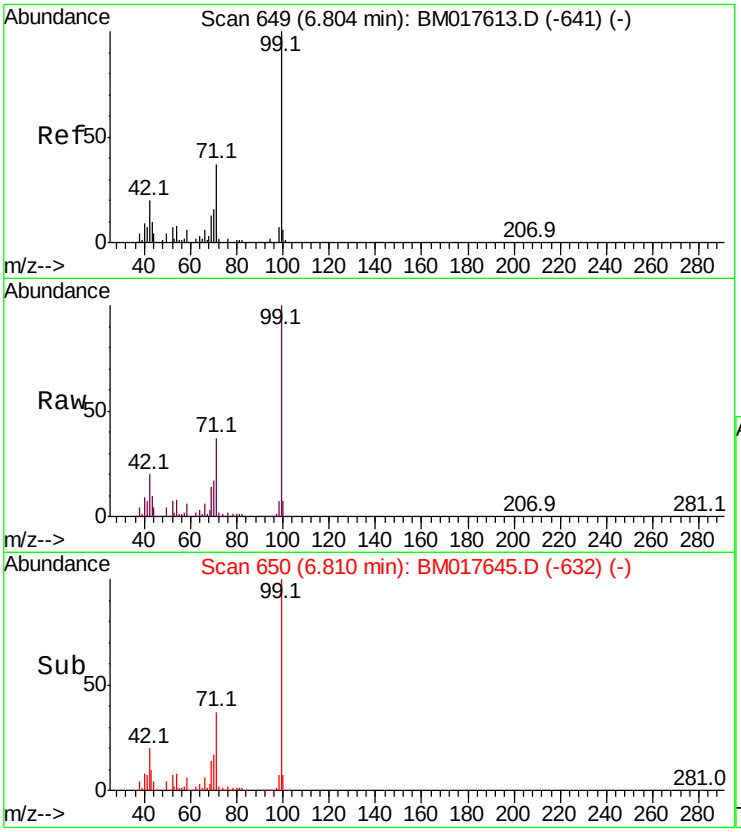


#5
2-Fluorophenol
Concen: 162.758 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Tgt Ion:112 Resp: 2825389

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.3	73.9
63	33.4	26.2	39.4



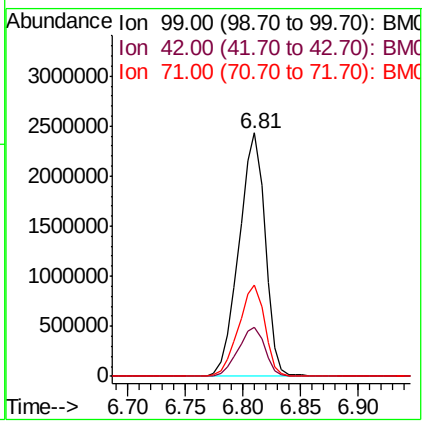


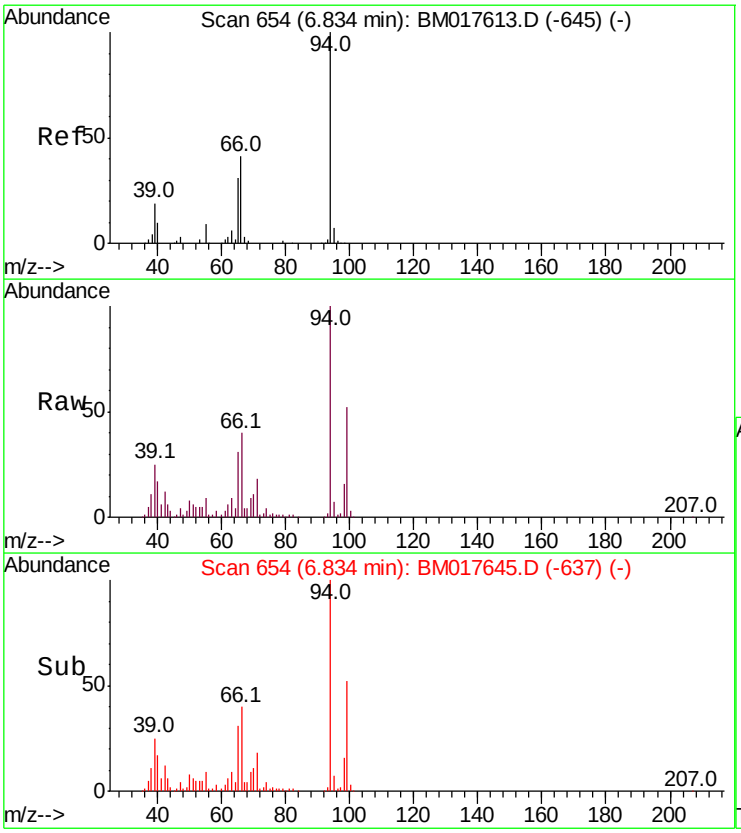
#7
Phenol-d6
Concen: 158.256 ng
RT: 6.81 min Scan# 650
Delta R.T. 0.01 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Instrument :
BNA_M
ClientSampleId :
FDSB-09(16-18)

Tgt Ion: 99 Resp: 3836913

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.3	24.5
71	37.3	29.8	44.8

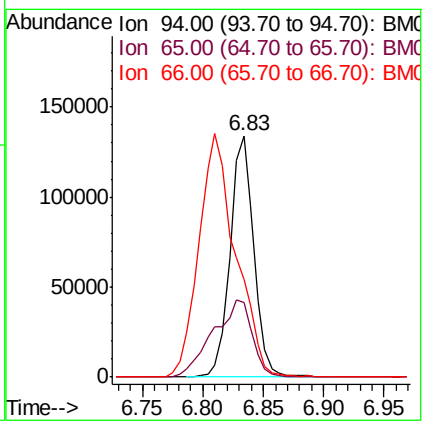


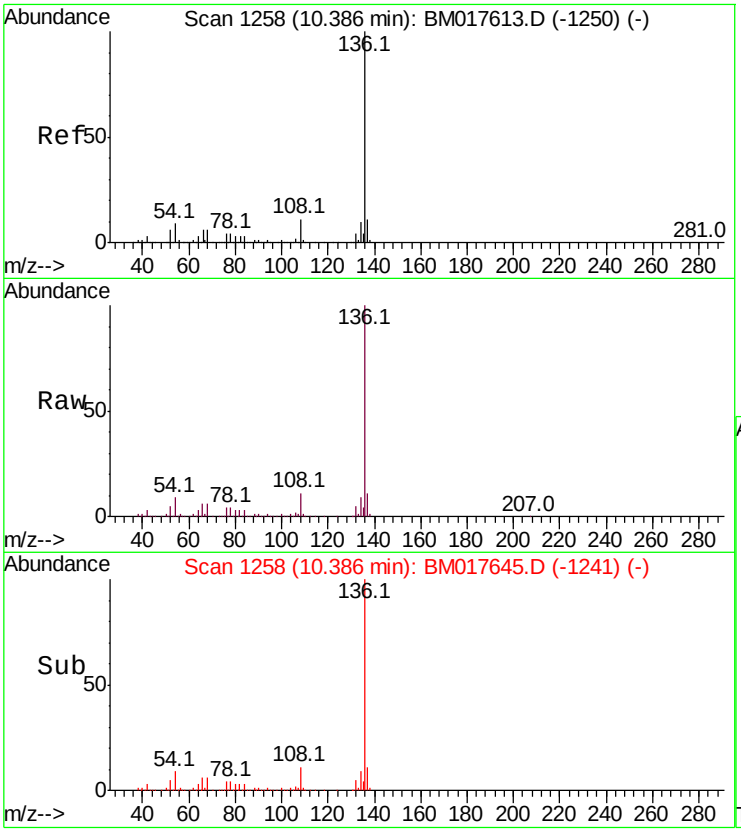


#10
Phenol
Concen: 7.189 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Tgt Ion: 94 Resp: 182956

Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.4	51.4
66	40.4	21.4	61.4



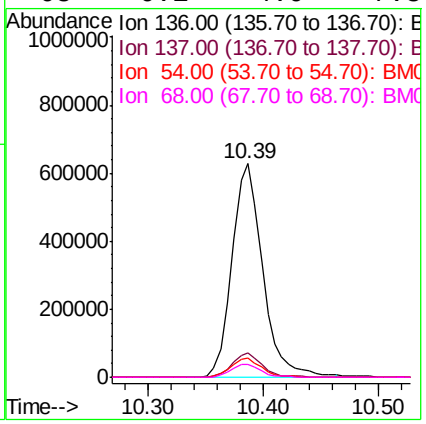


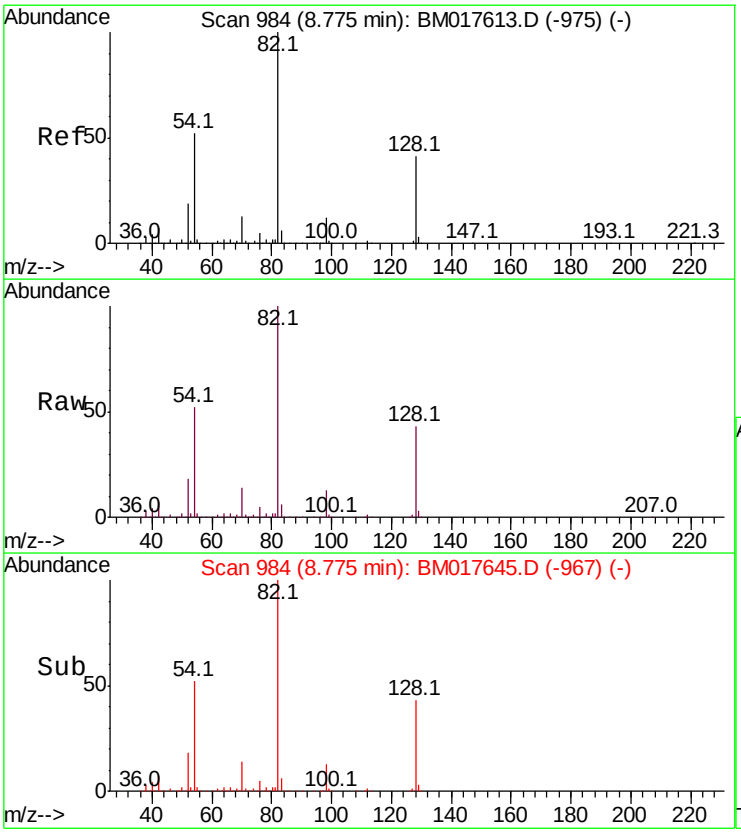
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Instrument :
BNA_M
ClientSampleId :
FDSB-09(16-18)

Tgt Ion:136 Resp: 1156722

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.9	7.0	10.6
68	6.1	4.9	7.3

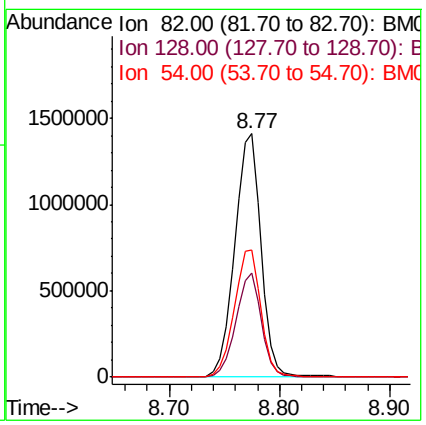


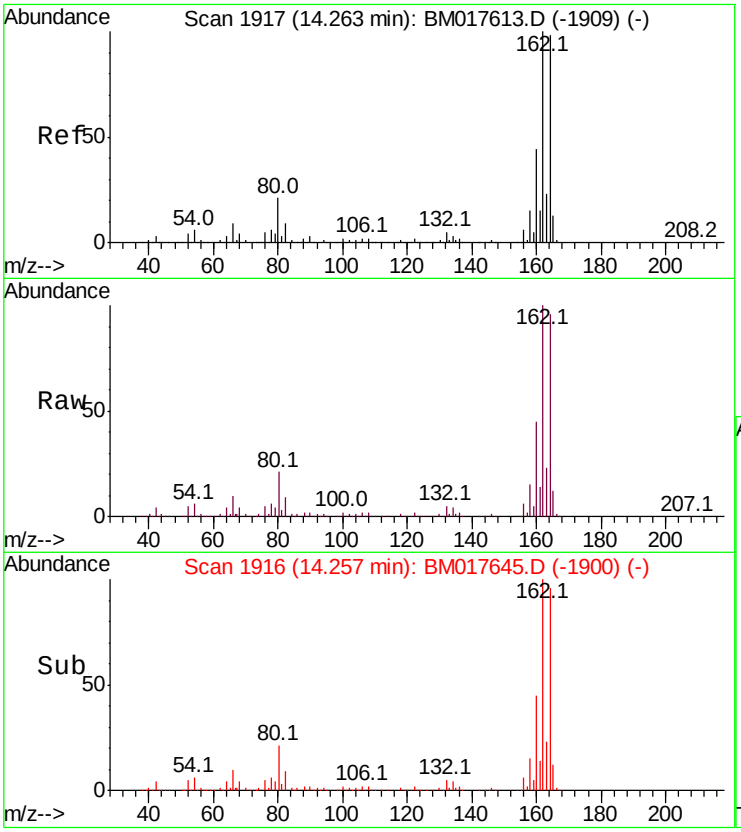


#23
Nitrobenzene-d5
Concen: 105.420 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Tgt Ion: 82 Resp: 2362052

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.0	49.4
54	52.4	41.4	62.2



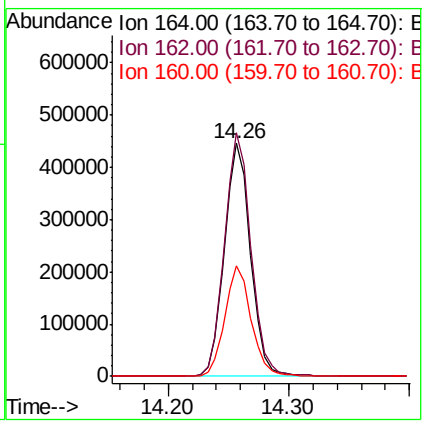


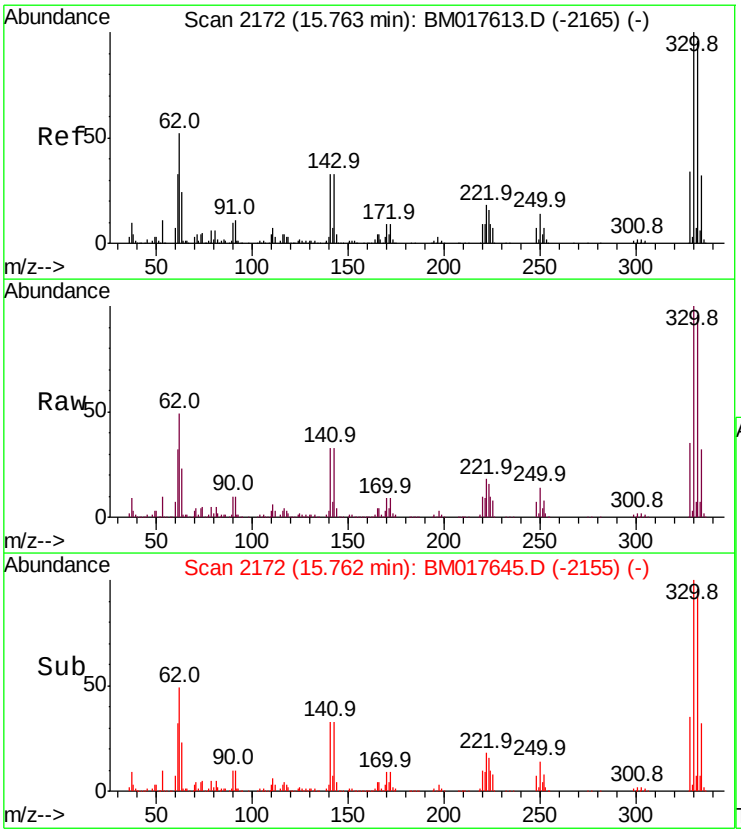
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Instrument :
BNA_M
ClientSampleId :
FDSB-09(16-18)

Tgt Ion:164 Resp: 672261

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.4	122.0
160	47.3	35.6	53.4

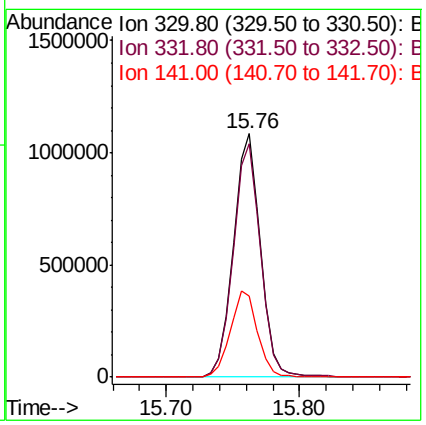


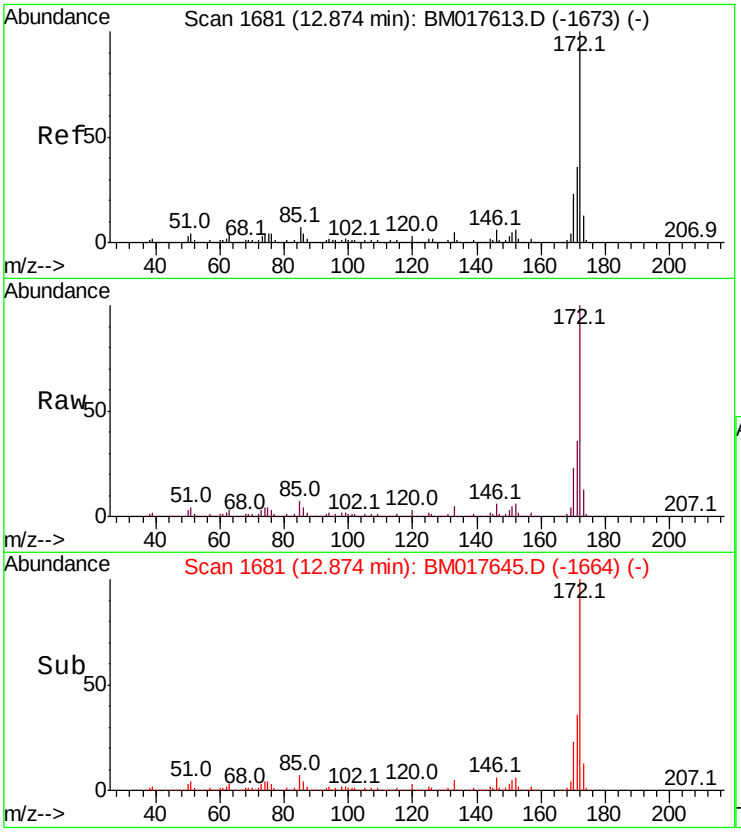


#42
2,4,6-Tribromophenol
Concen: 158.053 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Tgt Ion:330 Resp: 1526705

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	35.8	27.5	41.3



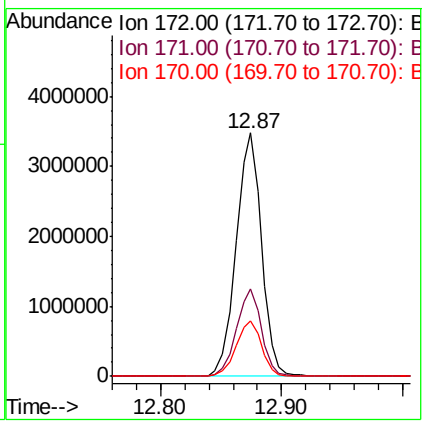


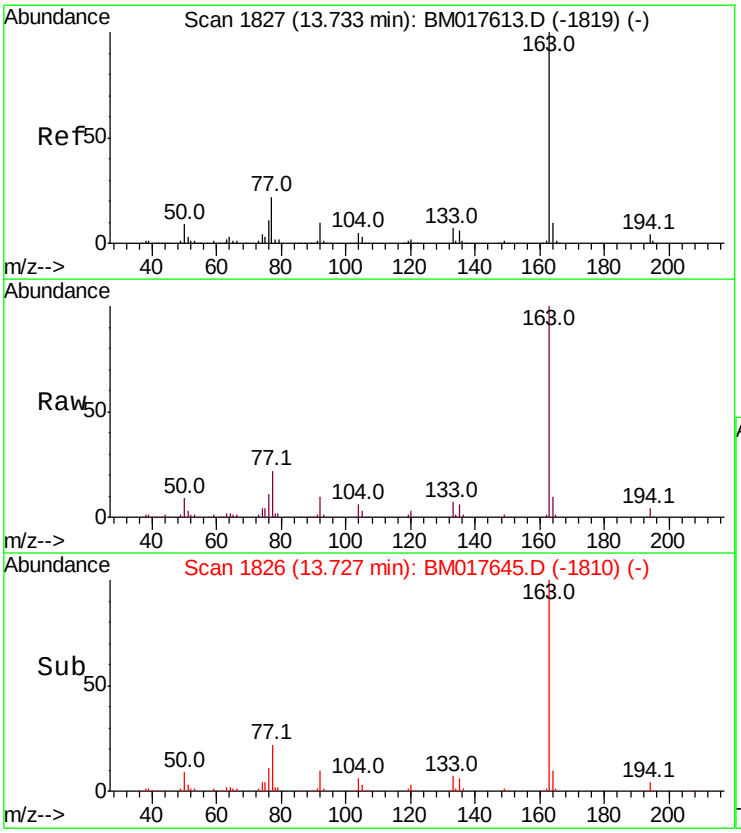
#45
2-Fluorobiphenyl
Concen: 98.428 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Instrument :
BNA_M
ClientSampleId :
FDSB-09(16-18)

Tgt Ion:172 Resp: 5100405

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	22.7	18.3	27.5

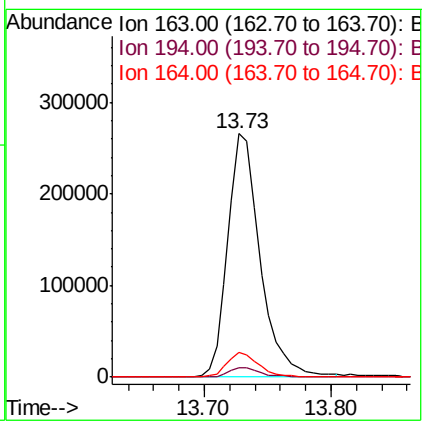


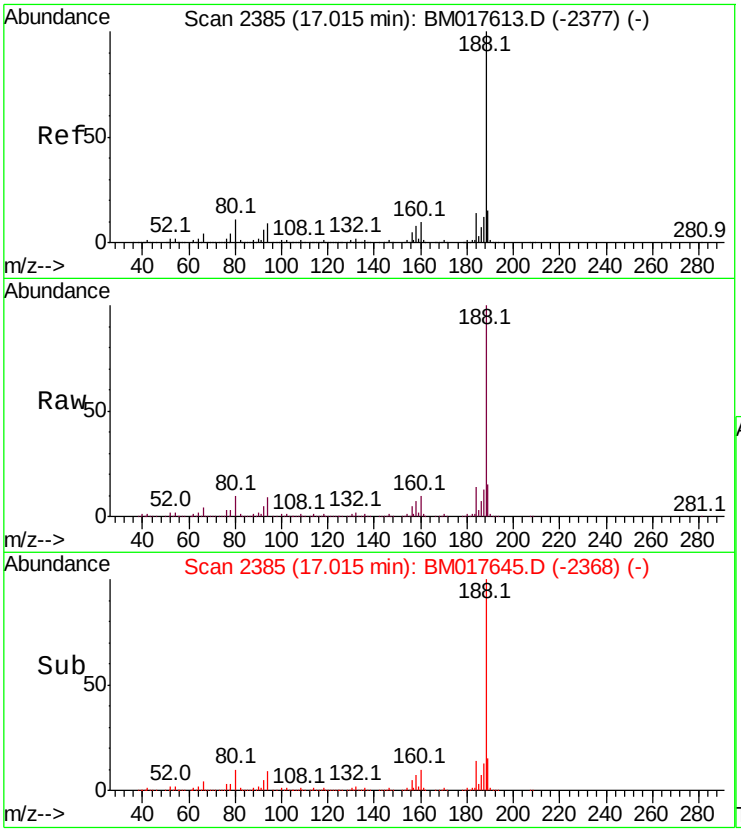


#50
Dimethylphthalate
Concen: 8.619 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Tgt Ion:163 Resp: 471075

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.2	12.4



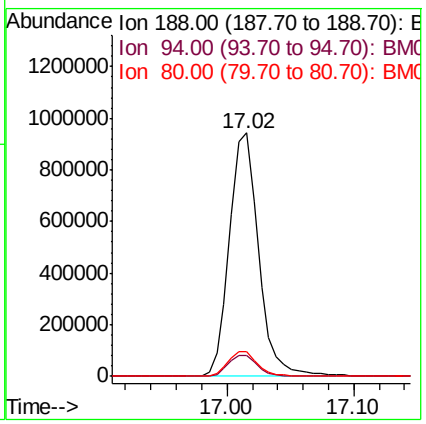


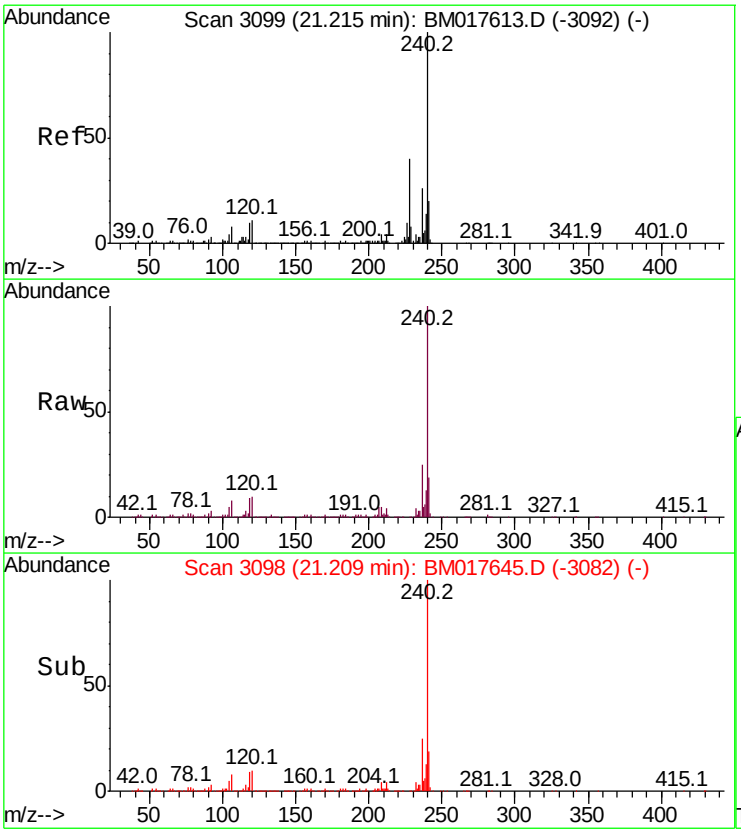
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Instrument :
BNA_M
ClientSampleId :
FDSB-09(16-18)

Tgt Ion:188 Resp: 1499678

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.3	8.6	13.0

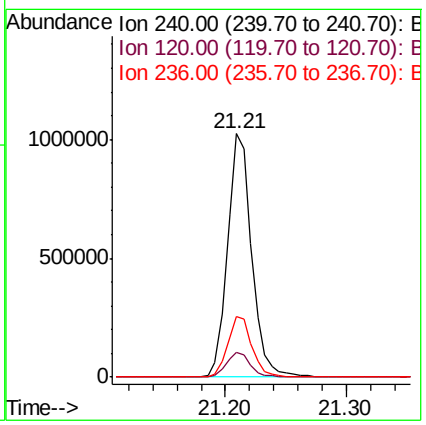


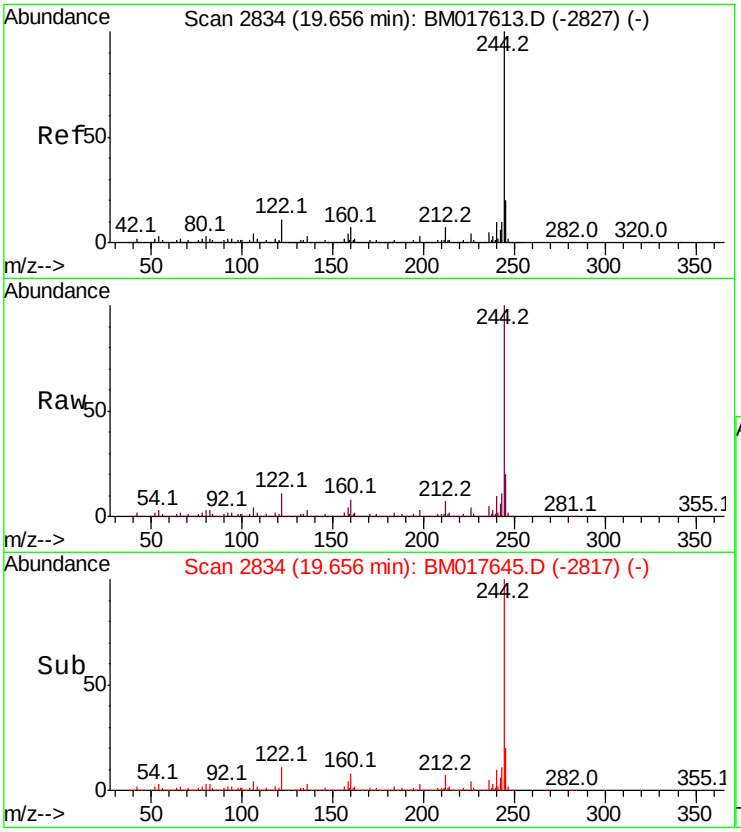


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Tgt Ion:240 Resp: 1424831

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	24.8	20.4	30.6



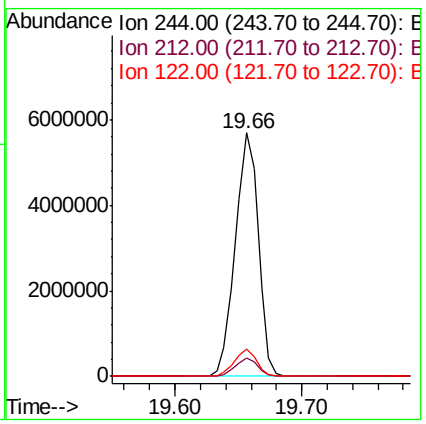


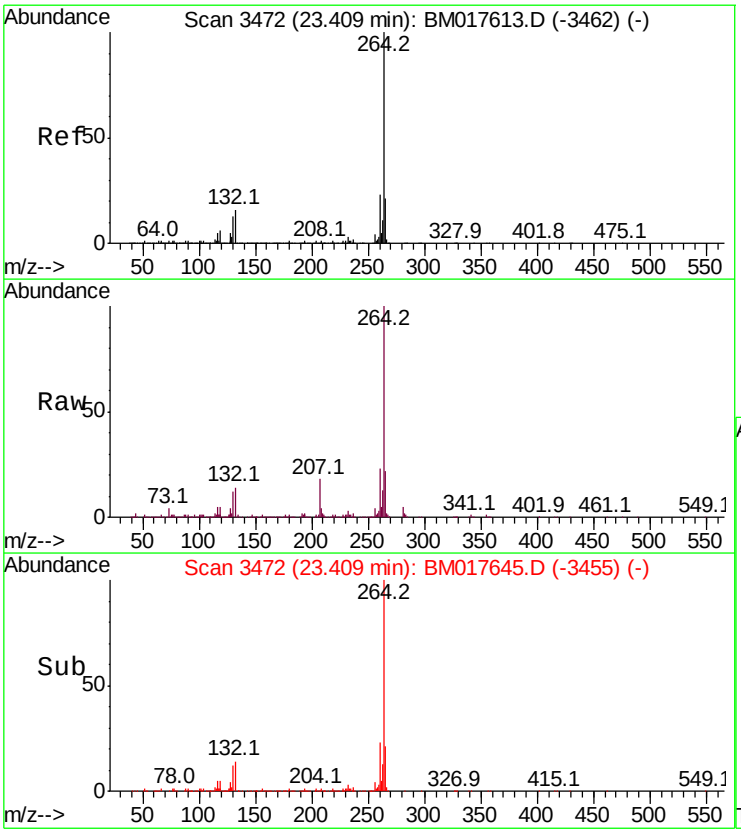
#79
Terphenyl-d14
Concen: 113.068 ng
RT: 19.66 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Instrument :
BNA_M
ClientSampleId :
FDSB-09(16-18)

Tgt Ion:244 Resp: 7108224

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	11.2	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM017645.D
Acq: 14 Nov 2018 13:48

Tgt Ion:264 Resp: 1190543

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	22.0	17.5	26.3