Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
Data File : BM017648.D
Acq On : 14 Nov 2018 15:37
Operator : MJ/SJ
Sample : J5918-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FDSB-05(25-27)

Quant Time: Nov 14 18:13:25 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	233896	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	934114	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	563932	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1317111	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1317581	20.00	ng	0.00
87) Perylene-d12	23.40	264	1109442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1817908	131.17	ng	0.00
7) Phenol-d6	6.80	99	2458392	127.01	ng	0.00
23) Nitrobenzene-d5	8.77	82	1525383	84.30	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1042582	128.67	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3343754	76.92	ng	0.00
79) Terphenyl-d14	19.66	244	5346652	91.97	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.83	94	114821	5.651	ng	91
50) Dimethylphthalate	13.73	163	309134	6.742	ng	99

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

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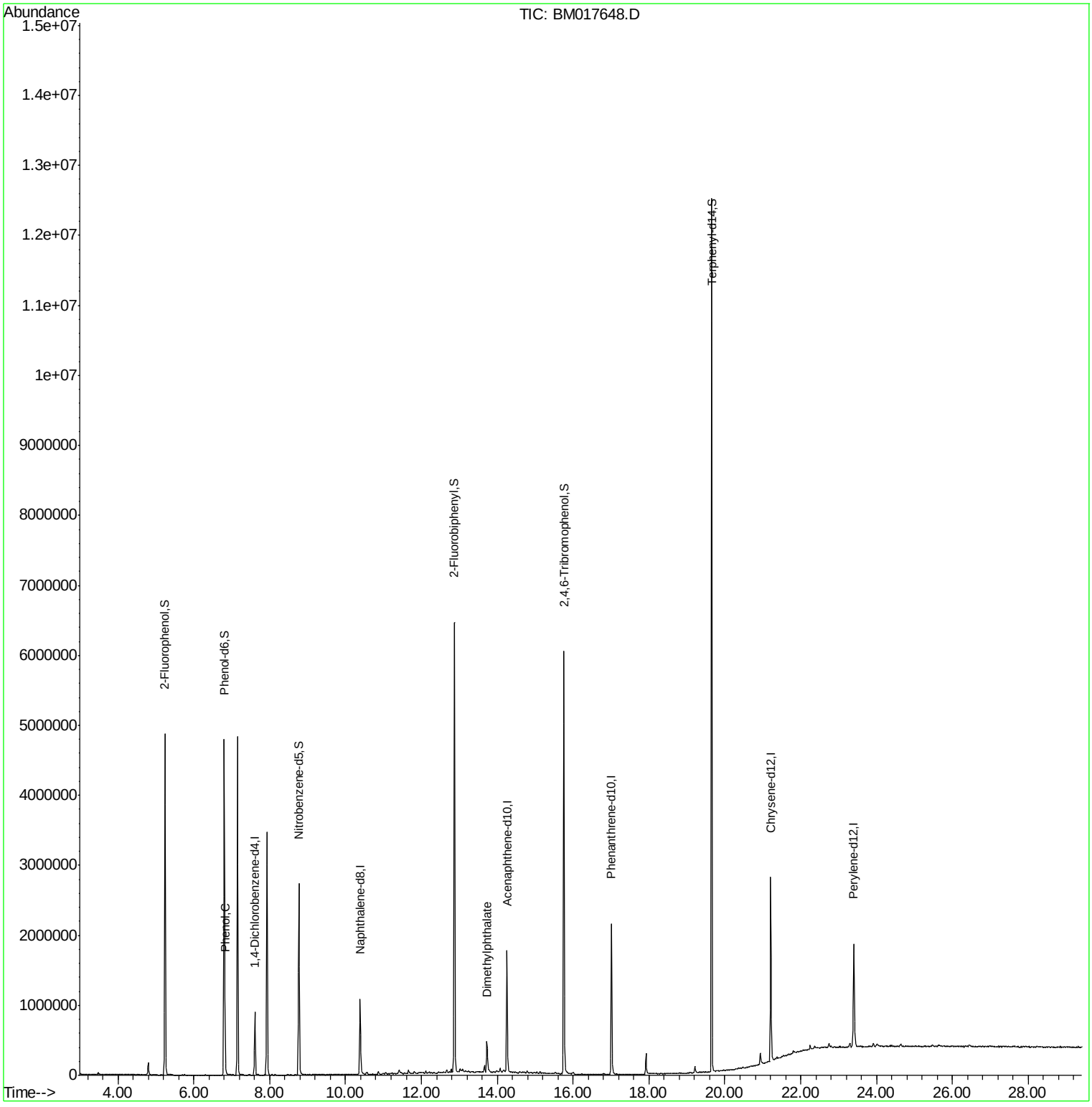
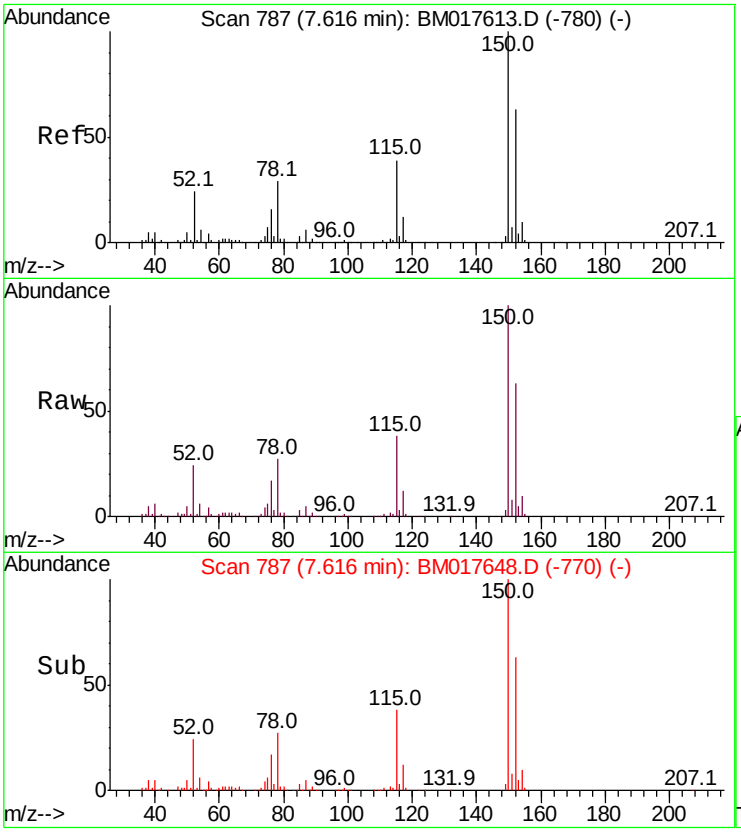
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration



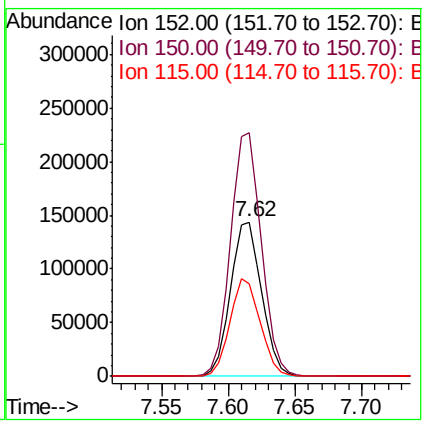


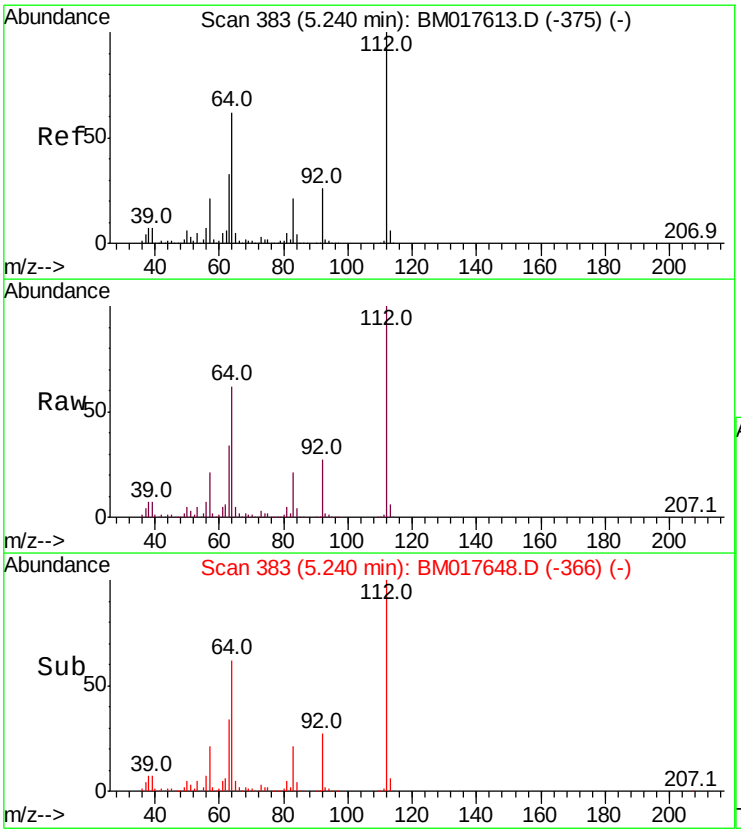
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)

Tgt Ion:152 Resp: 233896

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.4	189.6
115	60.2	49.4	74.0

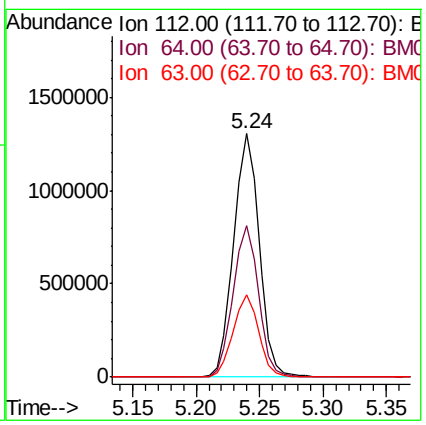


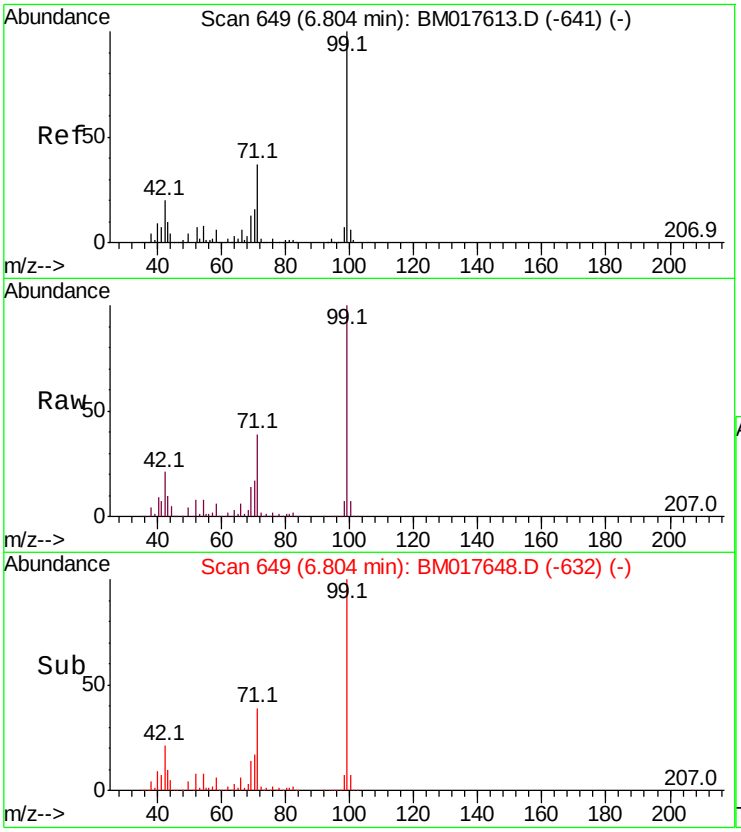


#5
2-Fluorophenol
Concen: 131.169 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion:112 Resp: 1817908

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.3	73.9
63	33.9	26.2	39.4



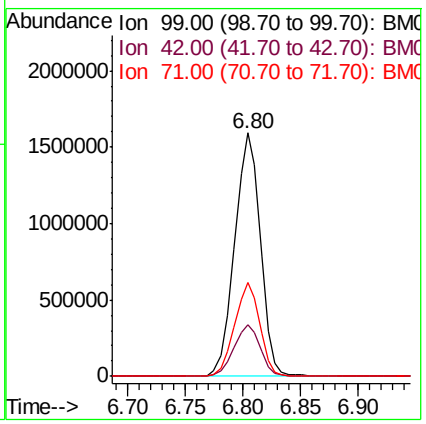


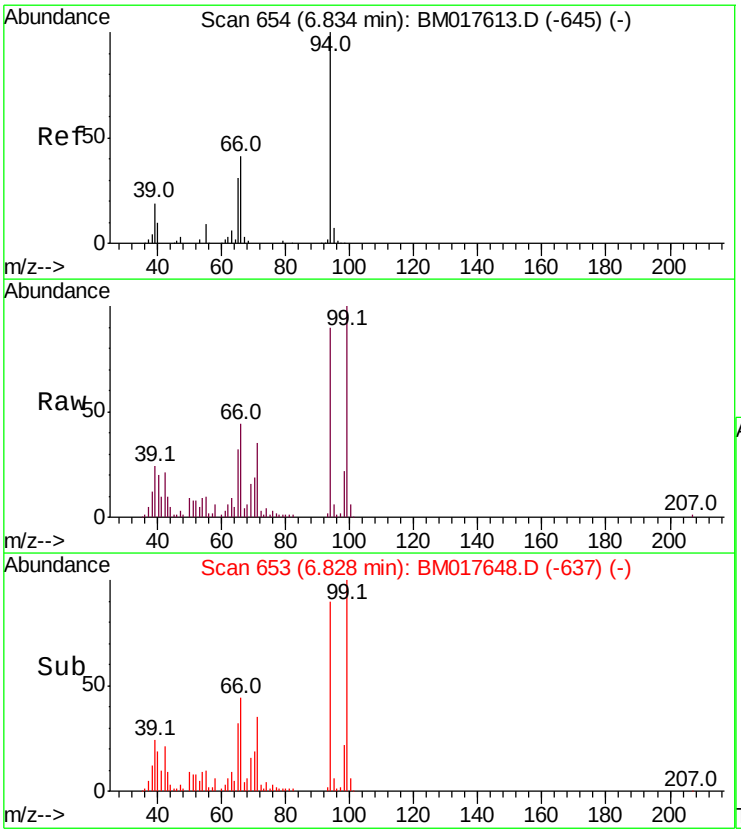
#7
Phenol-d6
Concen: 127.006 ng
RT: 6.80 min Scan# 649
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)

Tgt Ion: 99 Resp: 2458392

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.3	24.5
71	38.6	29.8	44.8

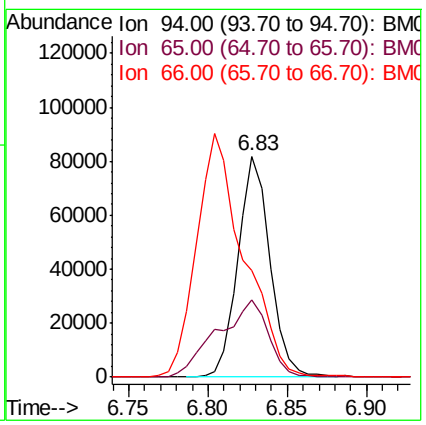


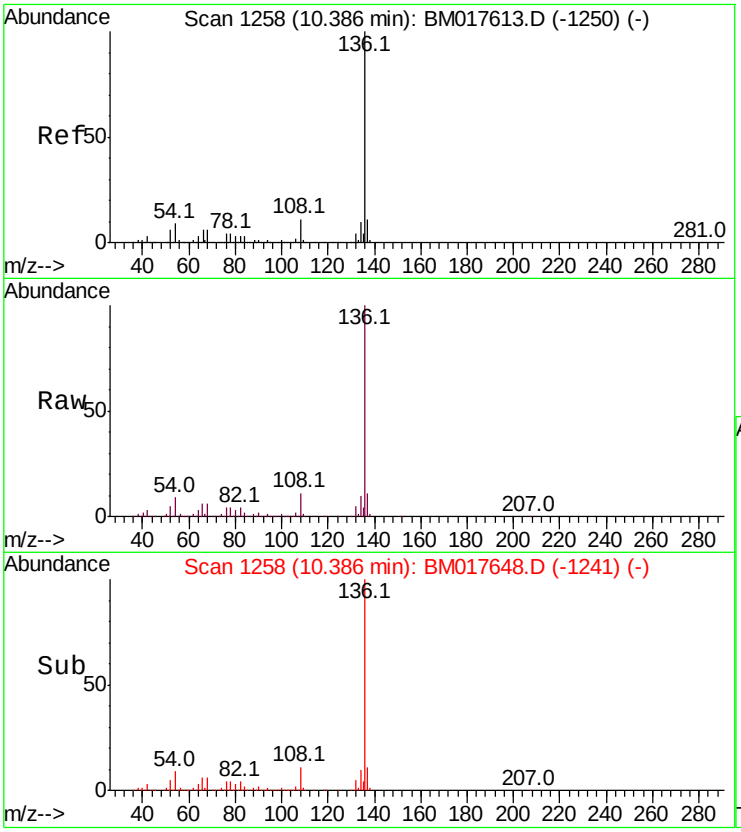


#10
Phenol
Concen: 5.651 ng
RT: 6.83 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion: 94 Resp: 114821

Ion	Ratio	Lower	Upper
94	100		
65	35.1	11.4	51.4
66	48.5	21.4	61.4



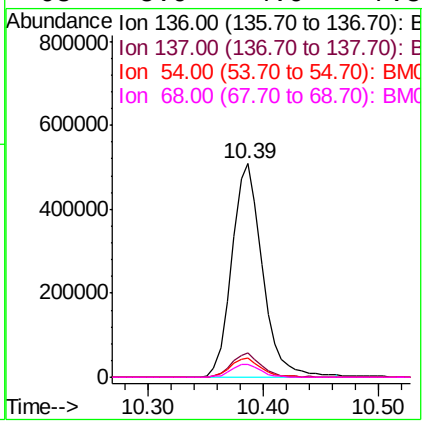


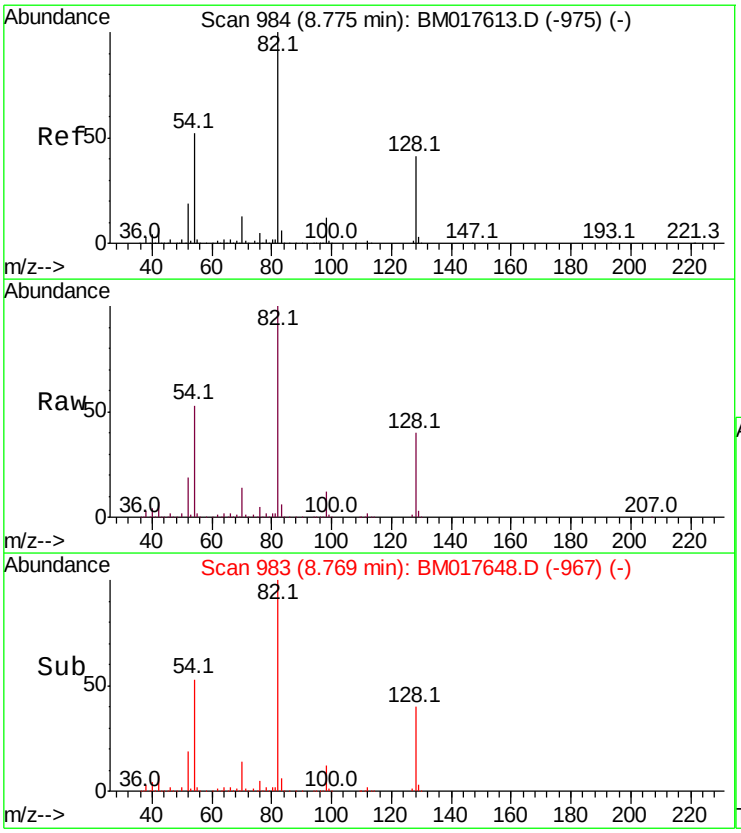
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)

Tgt Ion:136 Resp: 934114

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.9	7.0	10.6
68	5.9	4.9	7.3

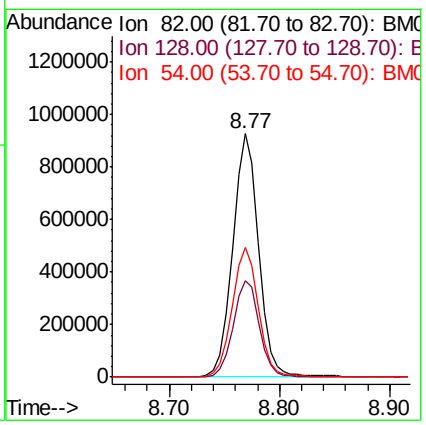


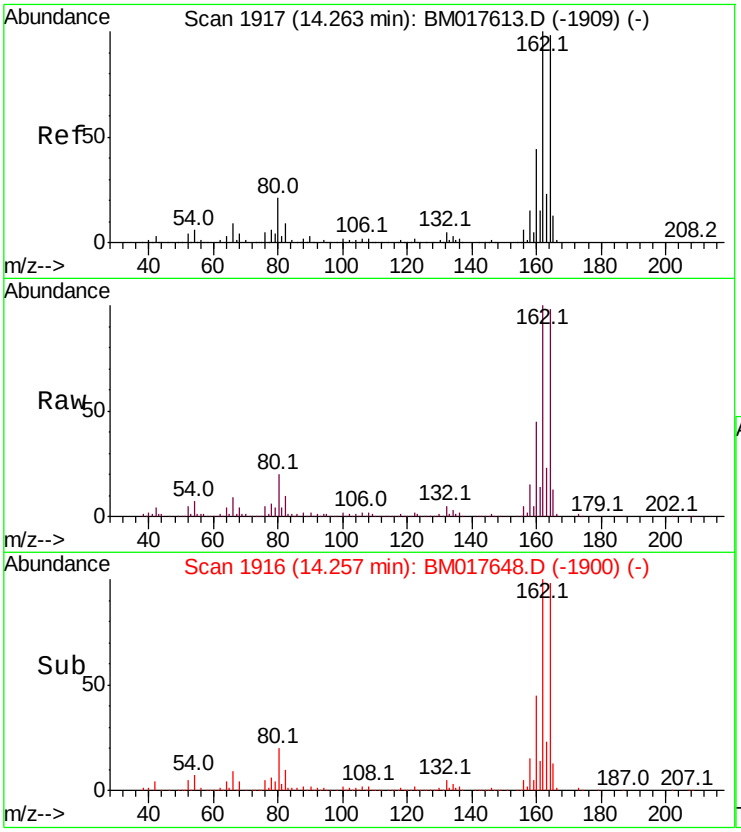


#23
Nitrobenzene-d5
Concen: 84.303 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion: 82 Resp: 1525383

Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.0	49.4
54	53.1	41.4	62.2



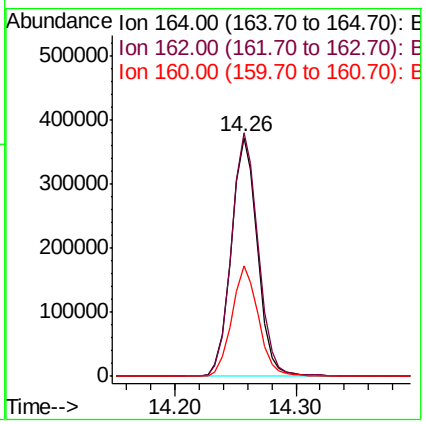


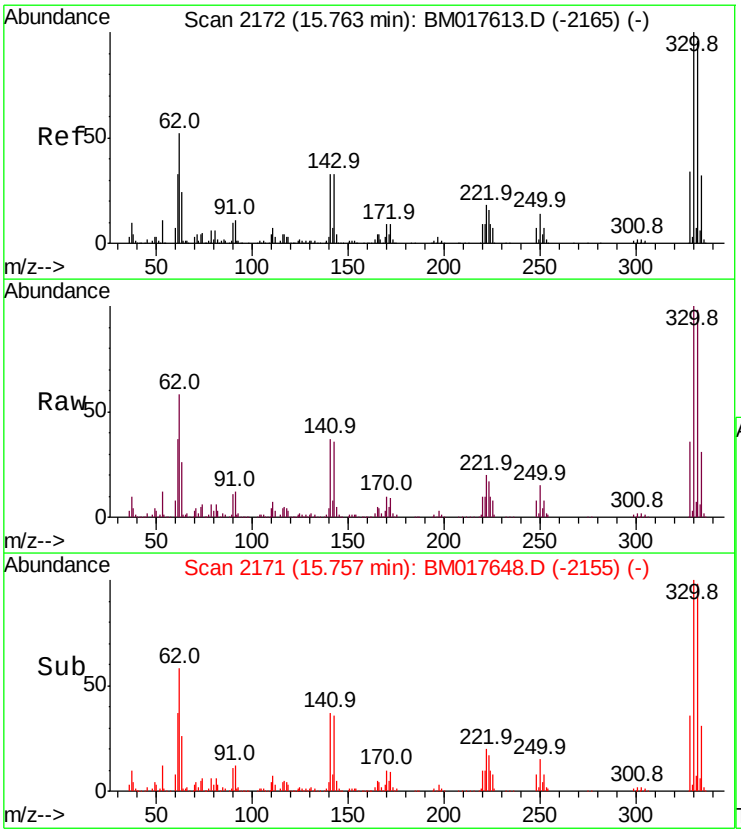
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)

Tgt Ion:164 Resp: 563932

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	46.2	35.6	53.4

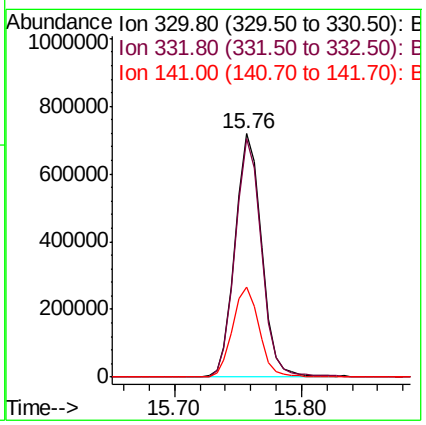


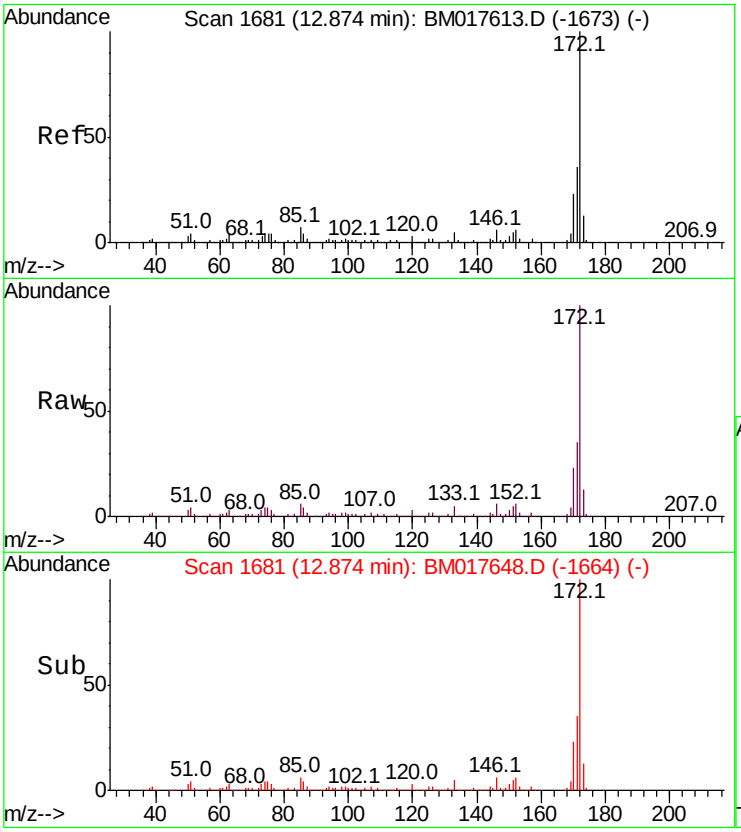


#42
2,4,6-Tribromophenol
Concen: 128.668 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion:330 Resp: 1042582

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	37.1	27.5	41.3



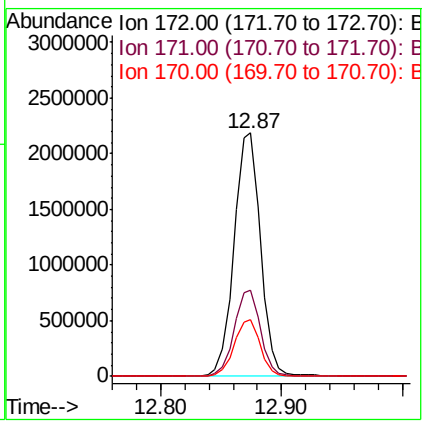


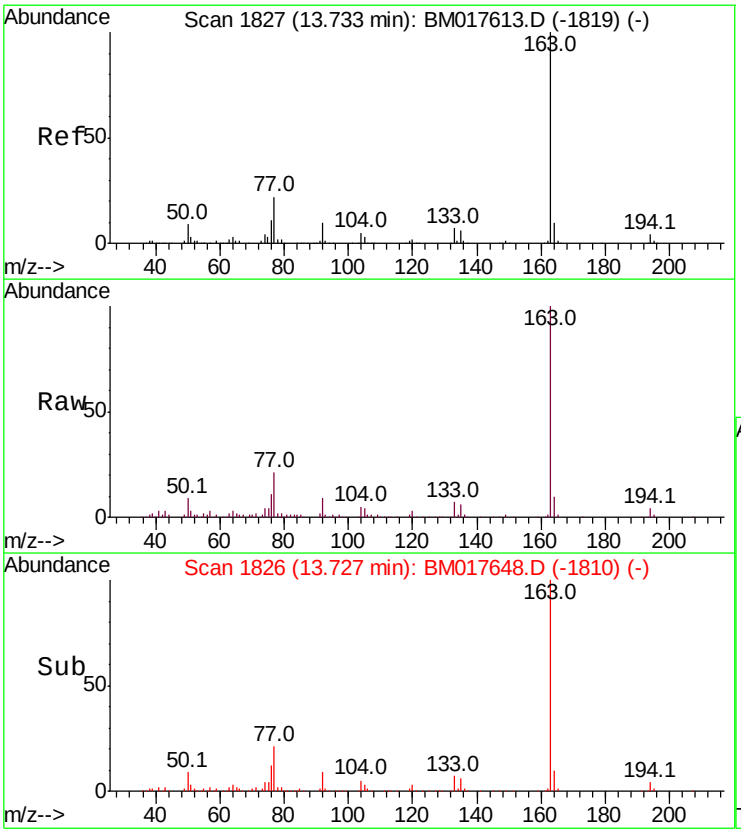
#45
2-Fluorobiphenyl
Concen: 76.924 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)

Tgt Ion:172 Resp: 3343754

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.0	18.3	27.5

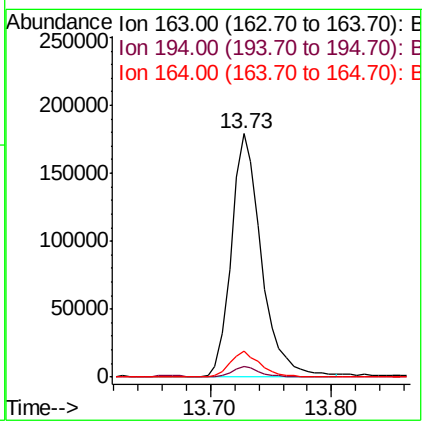


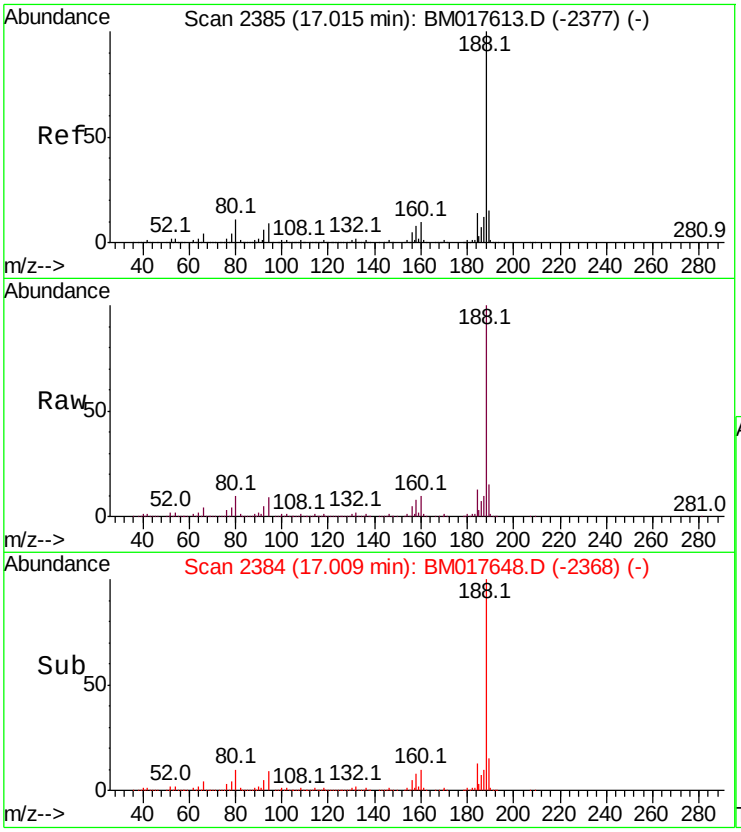


#50
Dimethylphthalate
Concen: 6.742 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion:163 Resp: 309134

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	10.5	8.2	12.4



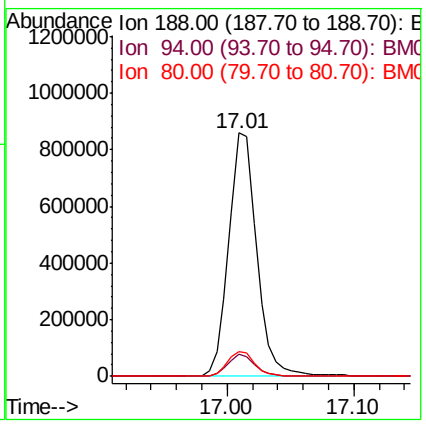


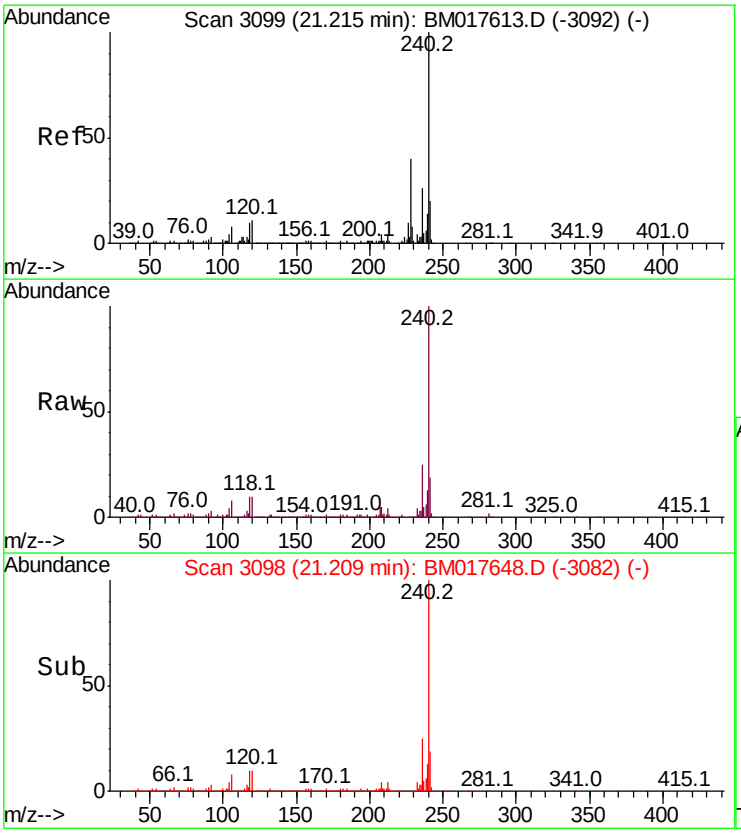
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)

Tgt Ion:188 Resp: 1317111

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	10.0	8.6	13.0

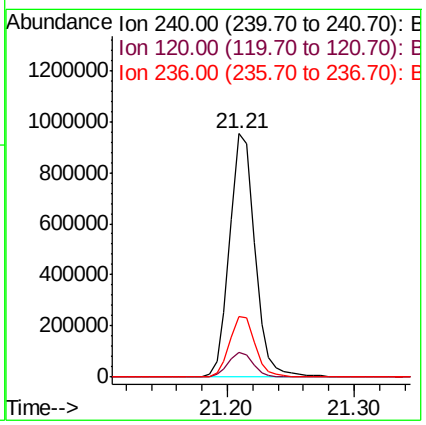


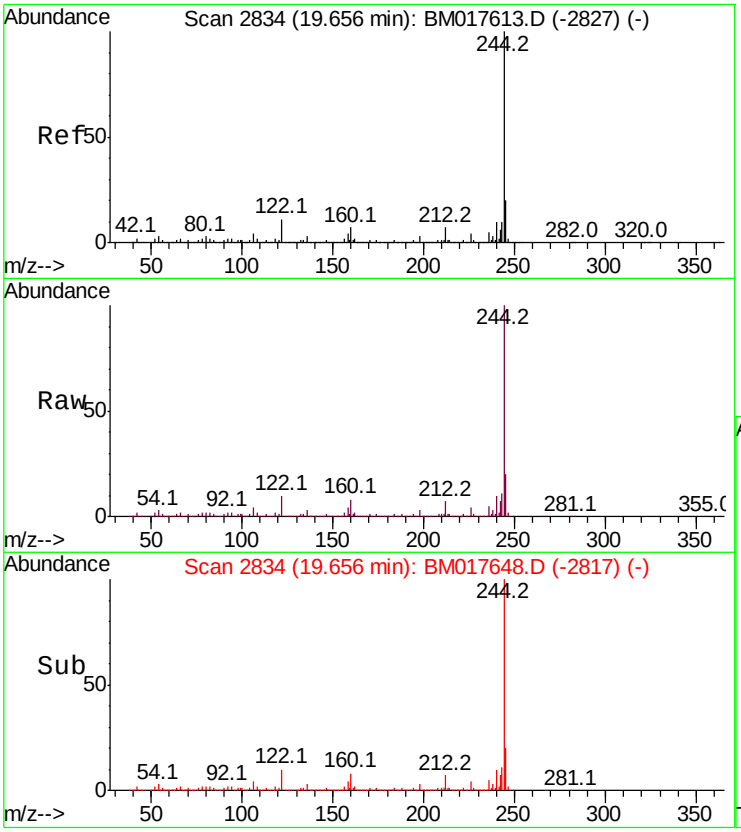


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion:240 Resp: 1317581

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	24.6	20.4	30.6



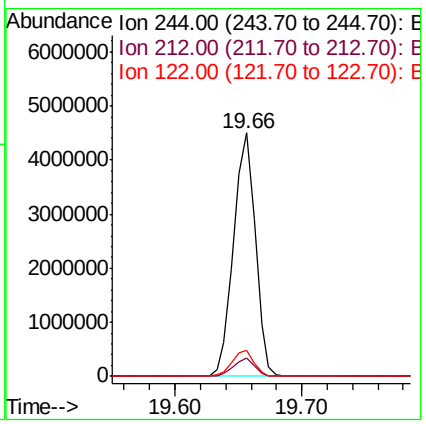


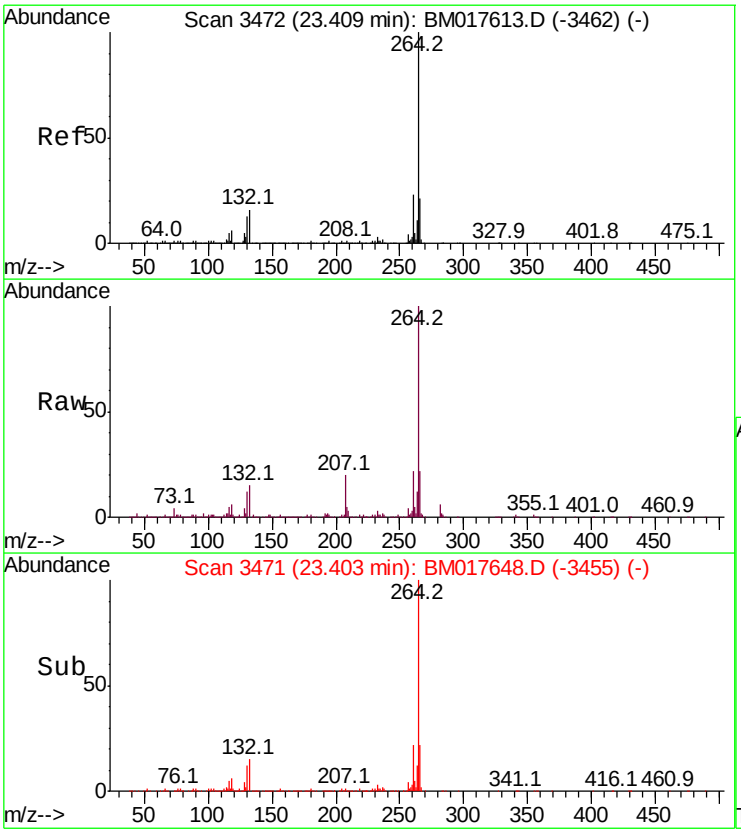
#79
Terphenyl-d14
Concen: 91.970 ng
RT: 19.66 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)

Tgt Ion:244 Resp: 5346652

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.5	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion:264 Resp: 1109442

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	22.3	17.5	26.3