Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081718\
Data File : BM016447.D
Acq On : 17 Aug 2018 21:05
Operator : SJ/JU
Sample : J4282-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-01-081518-B

Quant Time: Aug 18 00:14:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14262	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	53096	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	33884	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	86237	20.00	ng	0.00
75) Chrysene-d12	21.58	240	123023	20.00	ng	0.00
86) Perylene-d12	23.89	264	135492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	126336	148.87	ng	0.00
7) Phenol-d6	7.23	99	125970	110.43	ng	0.00
23) Nitrobenzene-d5	9.25	82	138861	108.92	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	93257	182.22	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	298009	91.45	ng	0.00
78) Terphenyl-d14	20.03	244	934479	114.81	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.37	79	3172	3.064	ng	# 23
76) Benzidine	19.67	184	13026	4.811	ng	97

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

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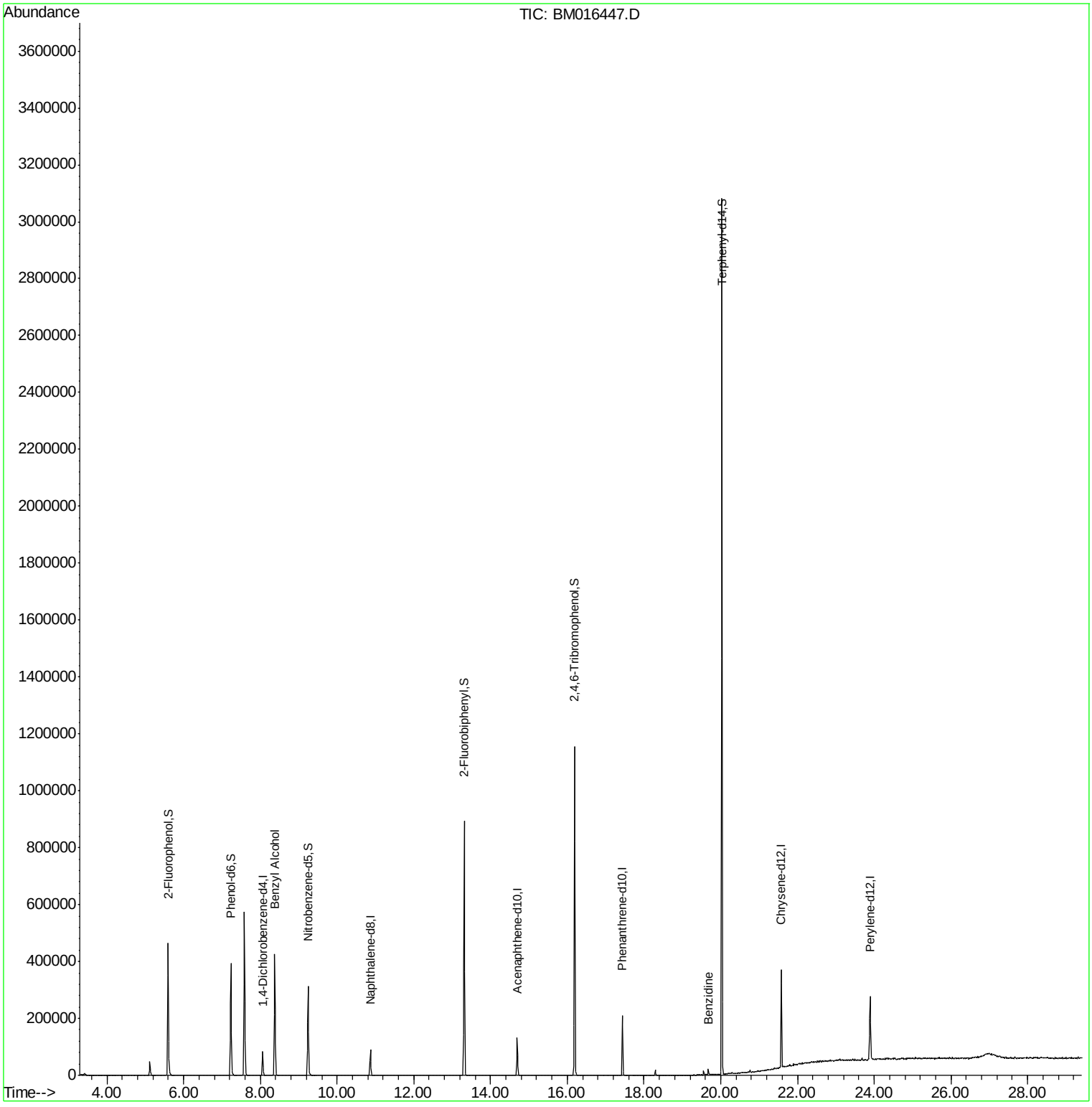
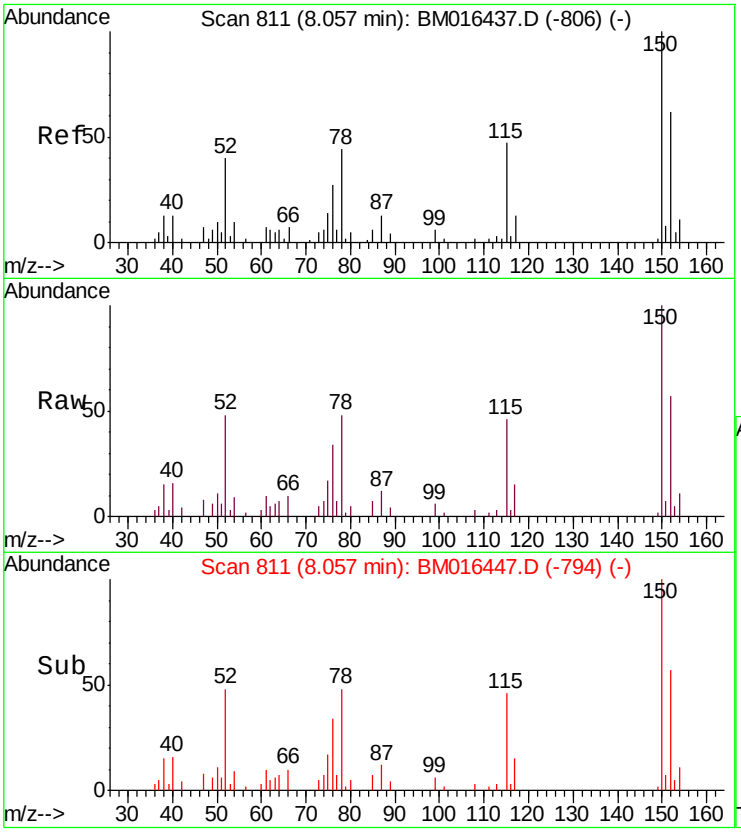


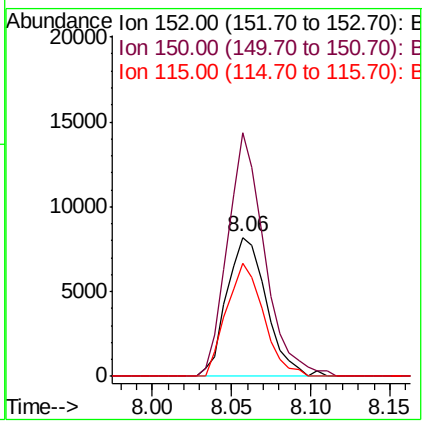


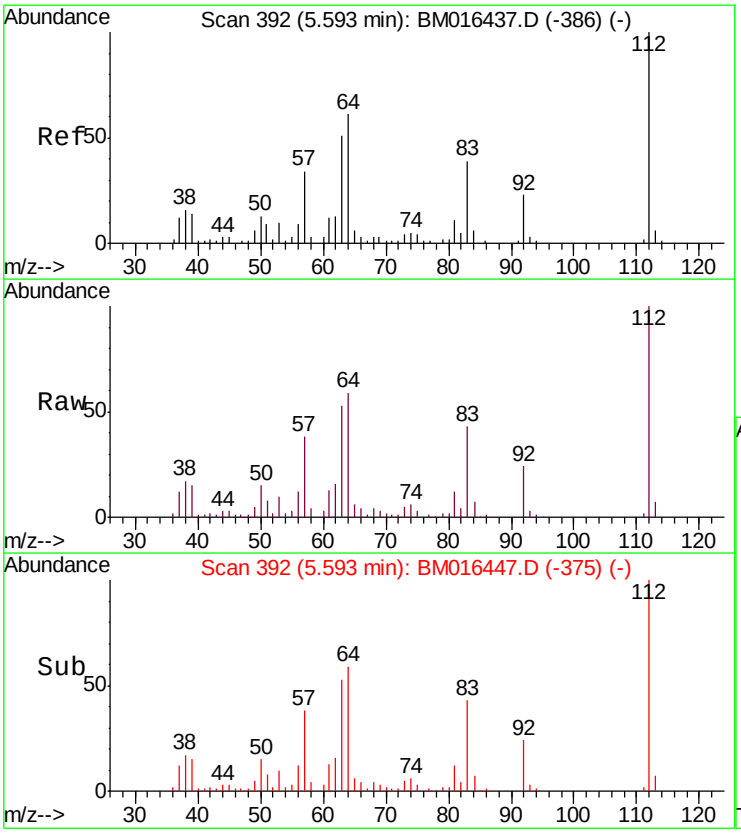
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tgt Ion:152 Resp: 14262

Ion	Ratio	Lower	Upper
152	100		
150	175.2	119.5	179.3
115	81.5	43.0	64.4#

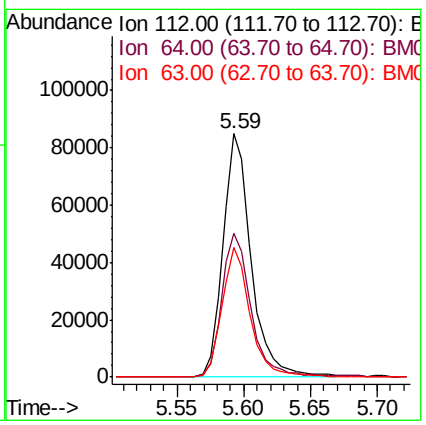


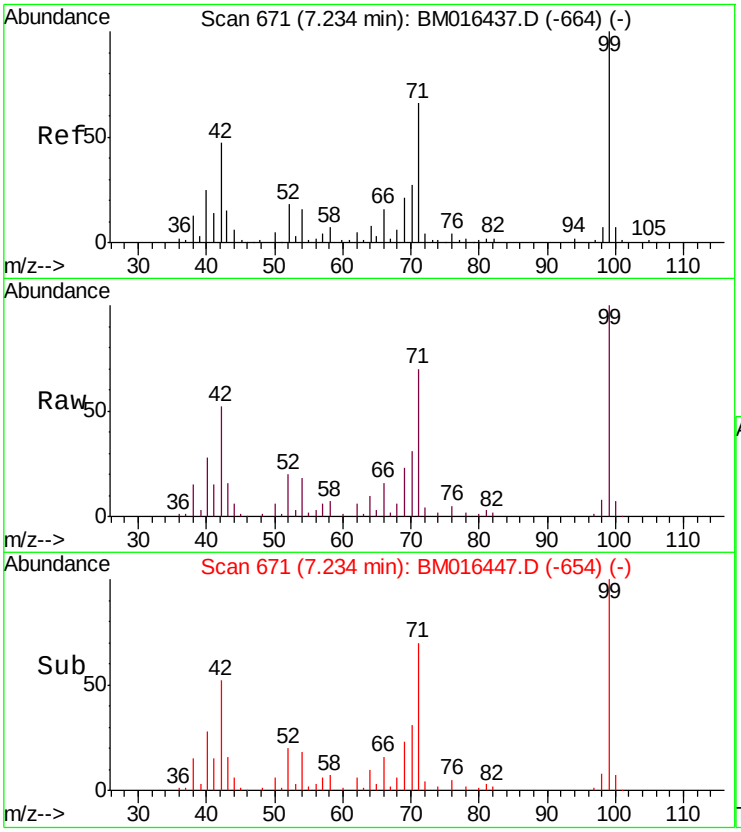


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 392
Delta R.T. 0.00 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion:112 Resp: 126336

Ion	Ratio	Lower	Upper
112	100		
64	59.3	38.6	57.8#
63	53.1	19.3	28.9#



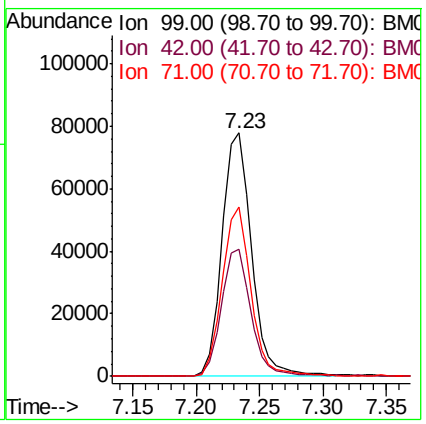


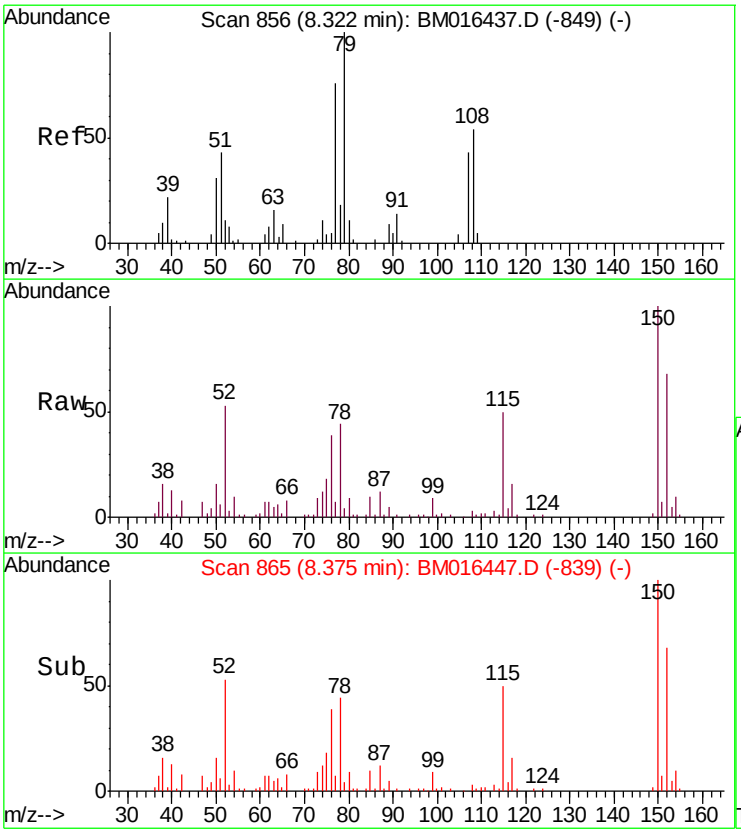
#7
Phenol-d6
Concen: N.D. ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tgt Ion: 99 Resp: 125970

Ion	Ratio	Lower	Upper
99	100		
42	52.3	11.0	16.4#
71	69.6	23.4	35.2#

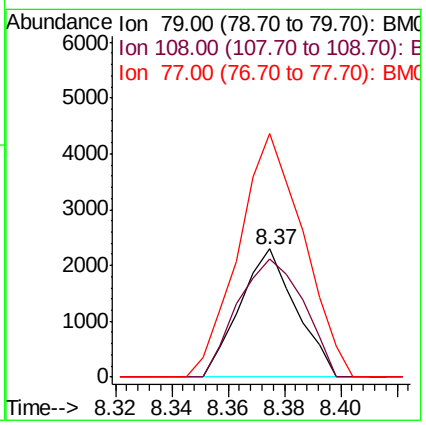


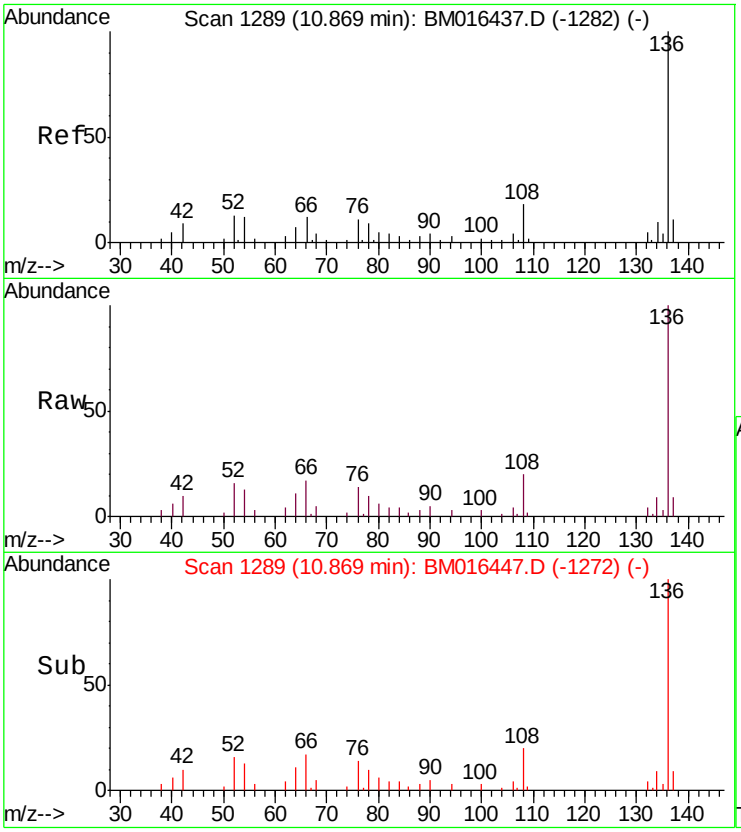


#15
Benzyl Alcohol
Concen: 3.064 ng
RT: 8.37 min Scan# 865
Delta R.T. 0.05 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion: 79 Resp: 3172

Ion	Ratio	Lower	Upper
79	100		
108	92.9	65.0	97.4
77	190.4	53.0	79.6#



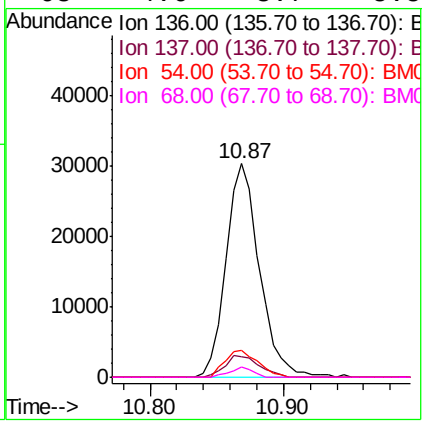


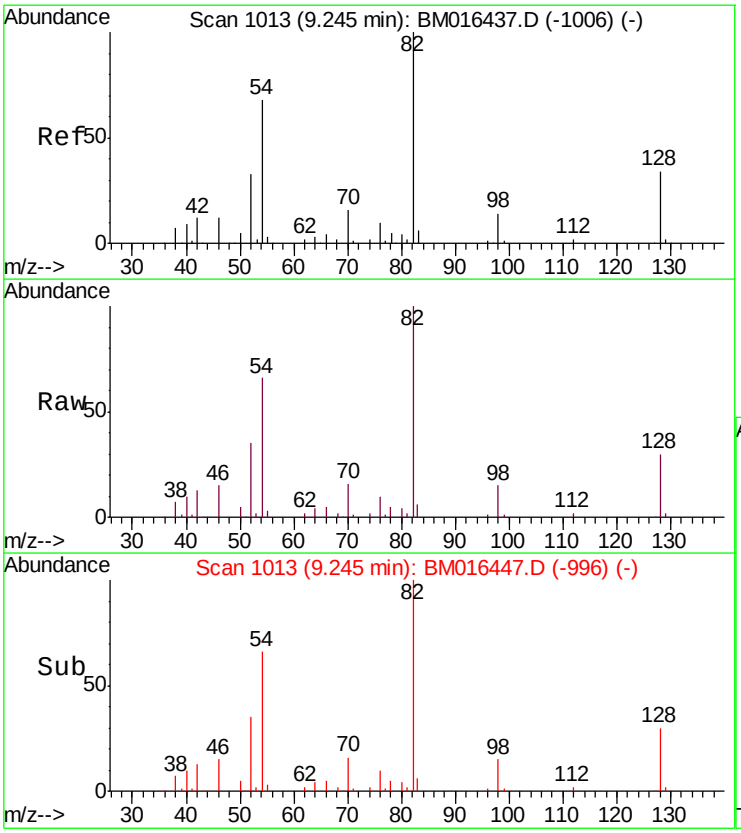
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tgt Ion:136 Resp: 53096

Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.7	13.1
54	12.6	4.6	6.8#
68	4.6	3.7	5.5

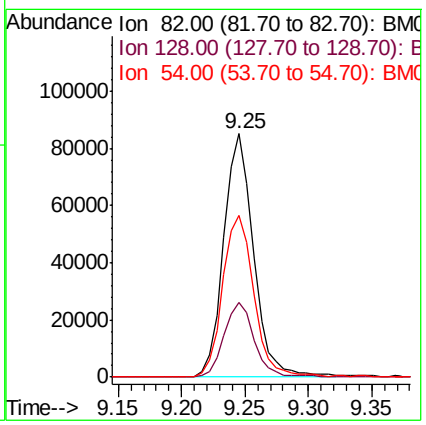


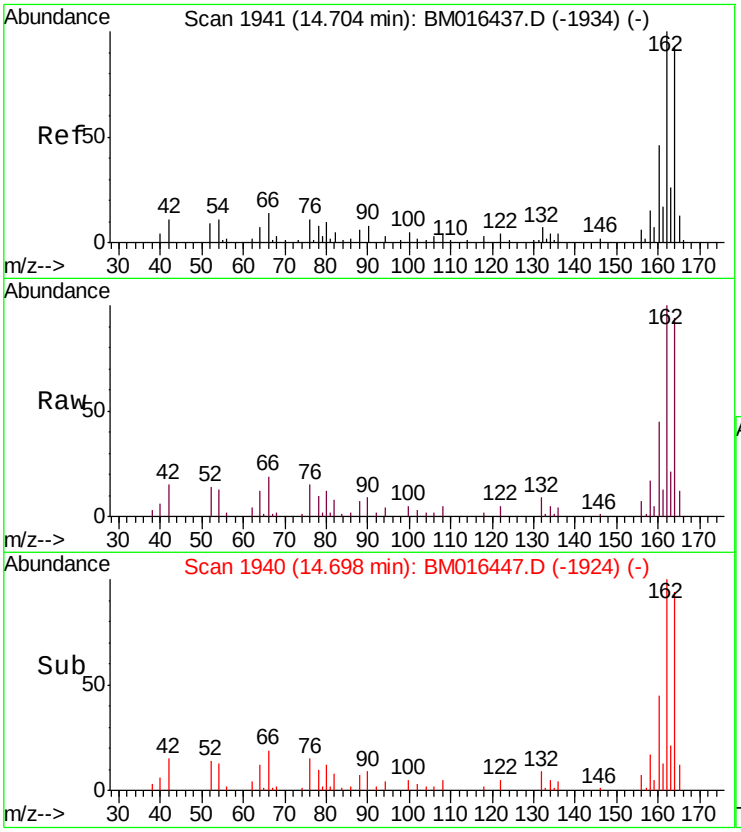


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.25 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion: 82 Resp: 138861

Ion	Ratio	Lower	Upper
82	100		
128	30.4	32.8	49.2#
54	66.2	40.6	60.8#



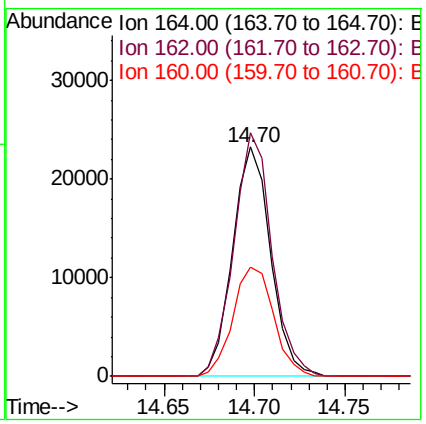


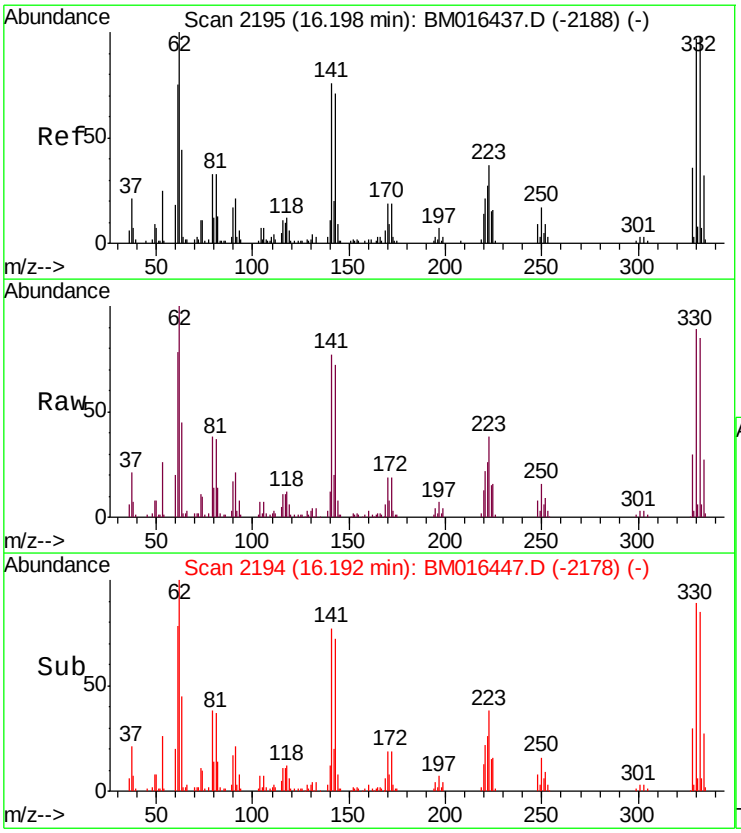
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tgt Ion:164 Resp: 33884

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	47.9	35.8	53.6

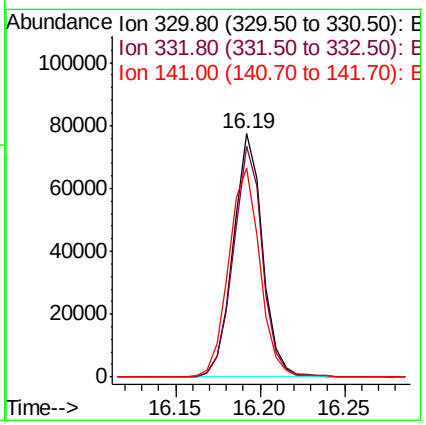


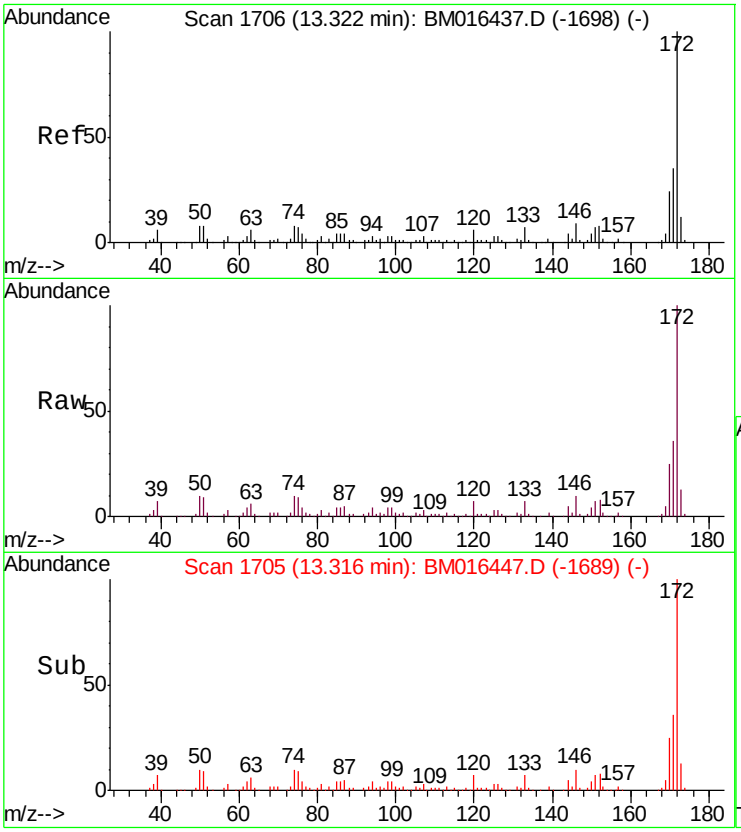


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.19 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion:330 Resp: 93257

Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	91.8	0.0	0.0#



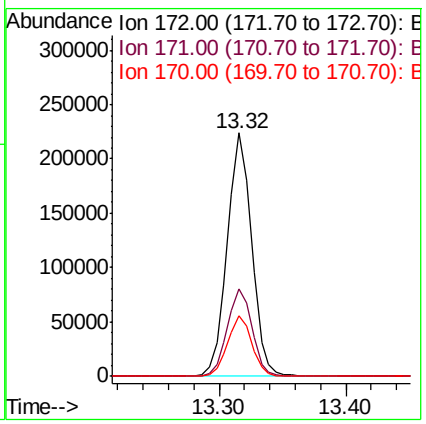


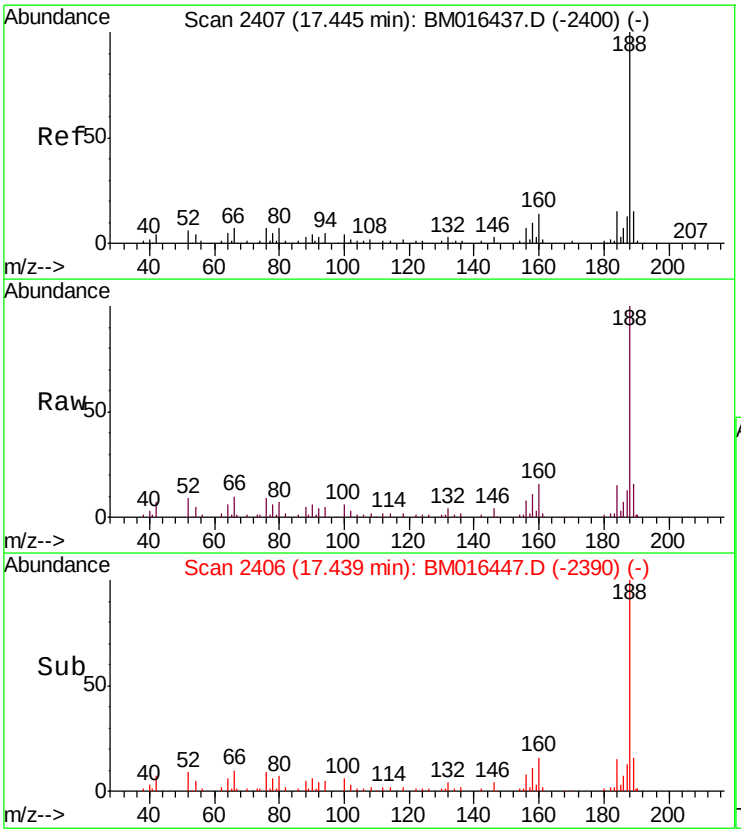
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.32 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tgt Ion:172 Resp: 298009

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.9	18.8	28.2

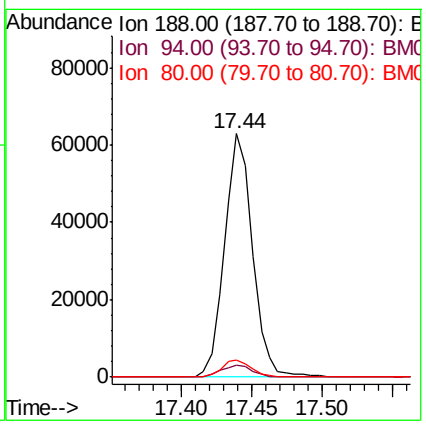


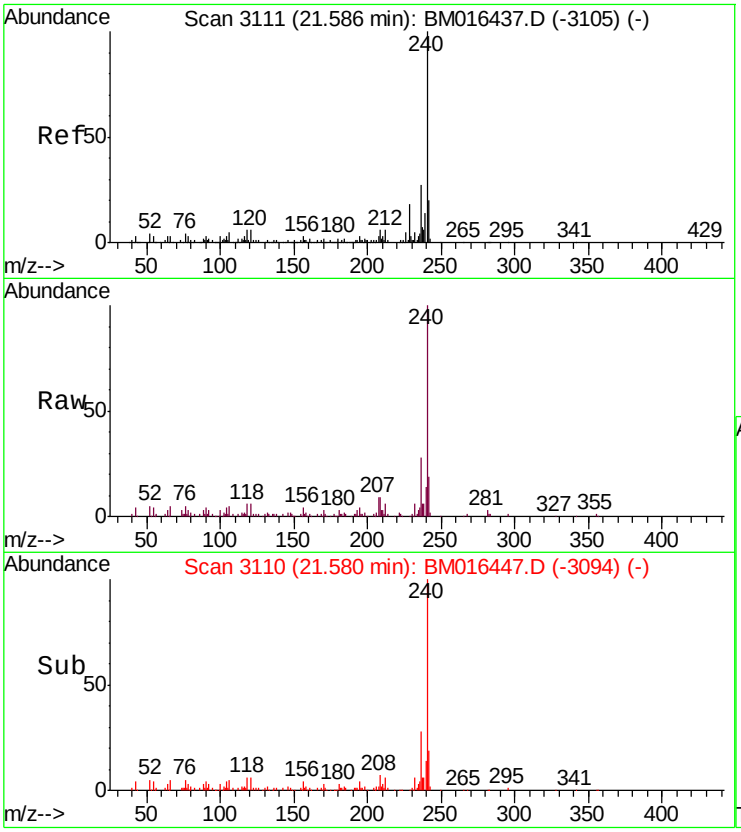


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion:188 Resp: 86237

Ion	Ratio	Lower	Upper
188	100		
94	5.1	8.7	13.1#
80	6.9	9.3	13.9#



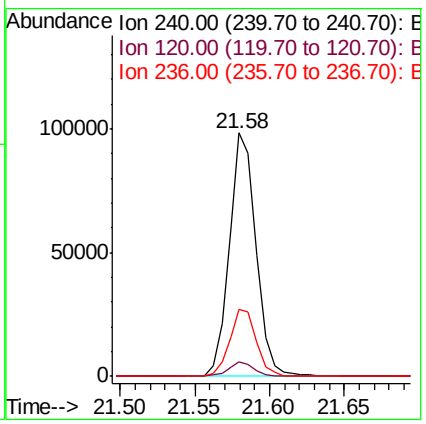


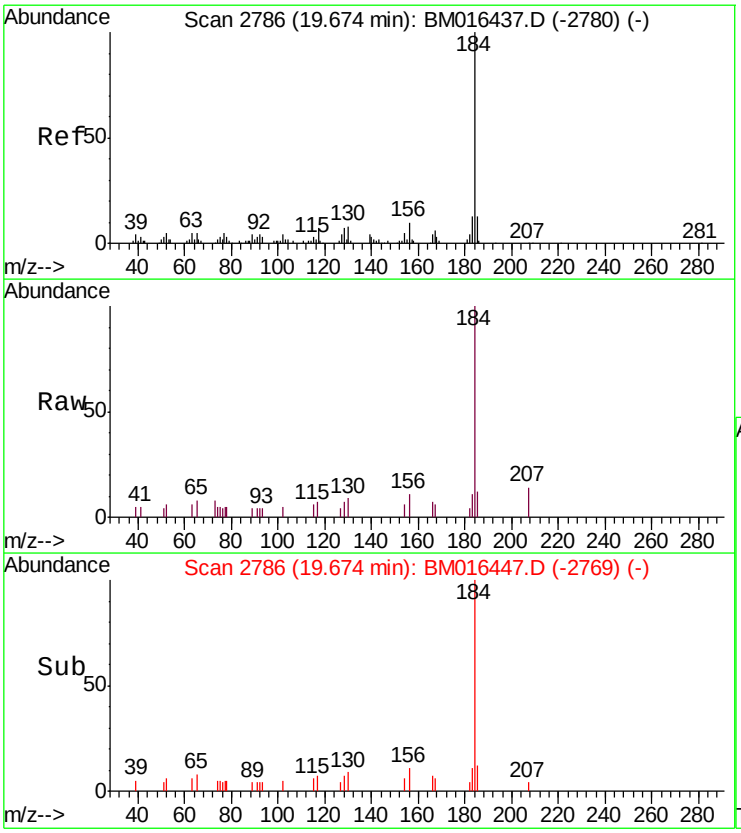
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tgt Ion:240 Resp: 123023

Ion	Ratio	Lower	Upper
240	100		
120	6.0	8.2	12.2#
236	27.6	20.0	30.0

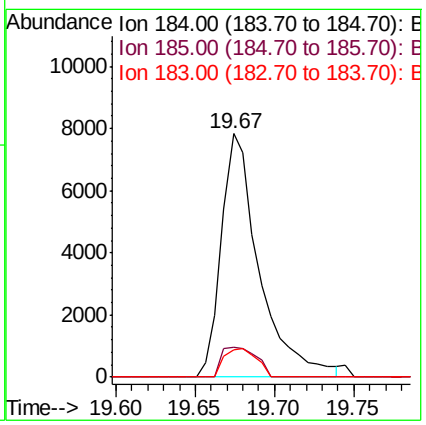


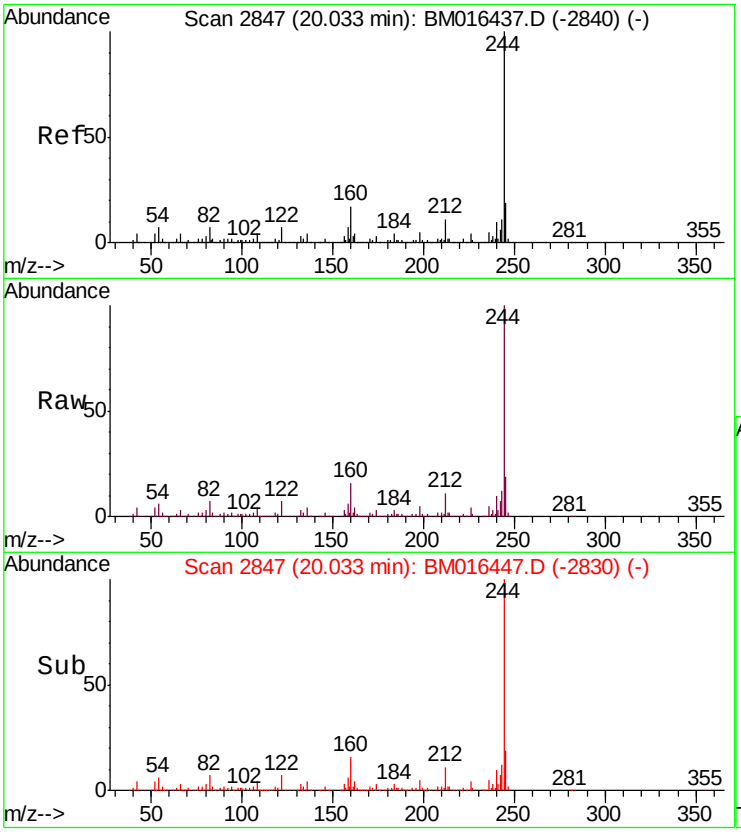


#76
Benzidine
Concen: 4.811 ng
RT: 19.67 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion:184 Resp: 13026

Ion	Ratio	Lower	Upper
184	100		
185	12.3	11.3	16.9
183	11.2	8.9	13.3



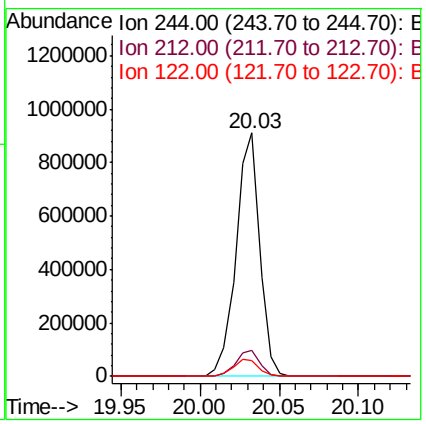


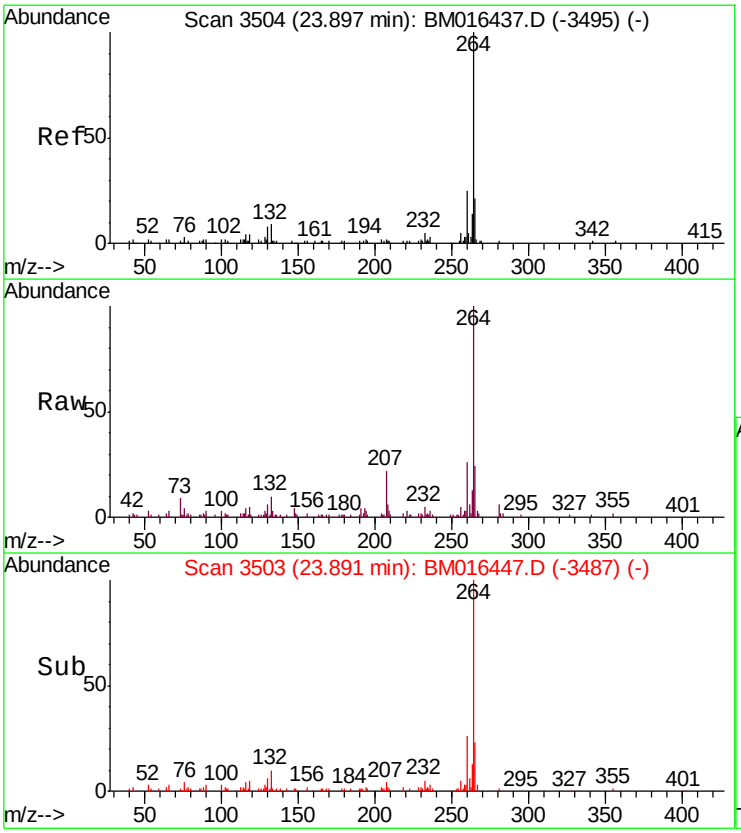
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.03 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Instrument :
BNA_M
ClientSampleId :
SU-01-081518-B

Tgt Ion:244 Resp: 934479

Ion	Ratio	Lower	Upper
244	100		
212	10.6	4.9	7.3#
122	6.7	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM016447.D
Acq: 17 Aug 2018 21:05

Tgt Ion:264 Resp: 135492

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.6	27.8
265	23.6	17.3	25.9