Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016525.D
Acq On : 22 Aug 2018 19:09
Operator : SJ/JU
Sample : J4561-04RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 23 02:39:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	108441	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	334284	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	256023	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	923824	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1407757	20.00	ng	0.00
86) Perylene-d12	23.83	264	1491852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	746230	134.85	ng	0.00
7) Phenol-d6	7.19	99	816275	111.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	832135	113.66	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1515831	211.80	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3011107	113.05	ng	0.00
78) Terphenyl-d14	19.99	244	9885132	148.62	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.33	79	16858	2.479	ng	# 1
76) Benzidine	19.64	184	129153	4.771	ng	95

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

Quantitation Report (Not Reviewed)

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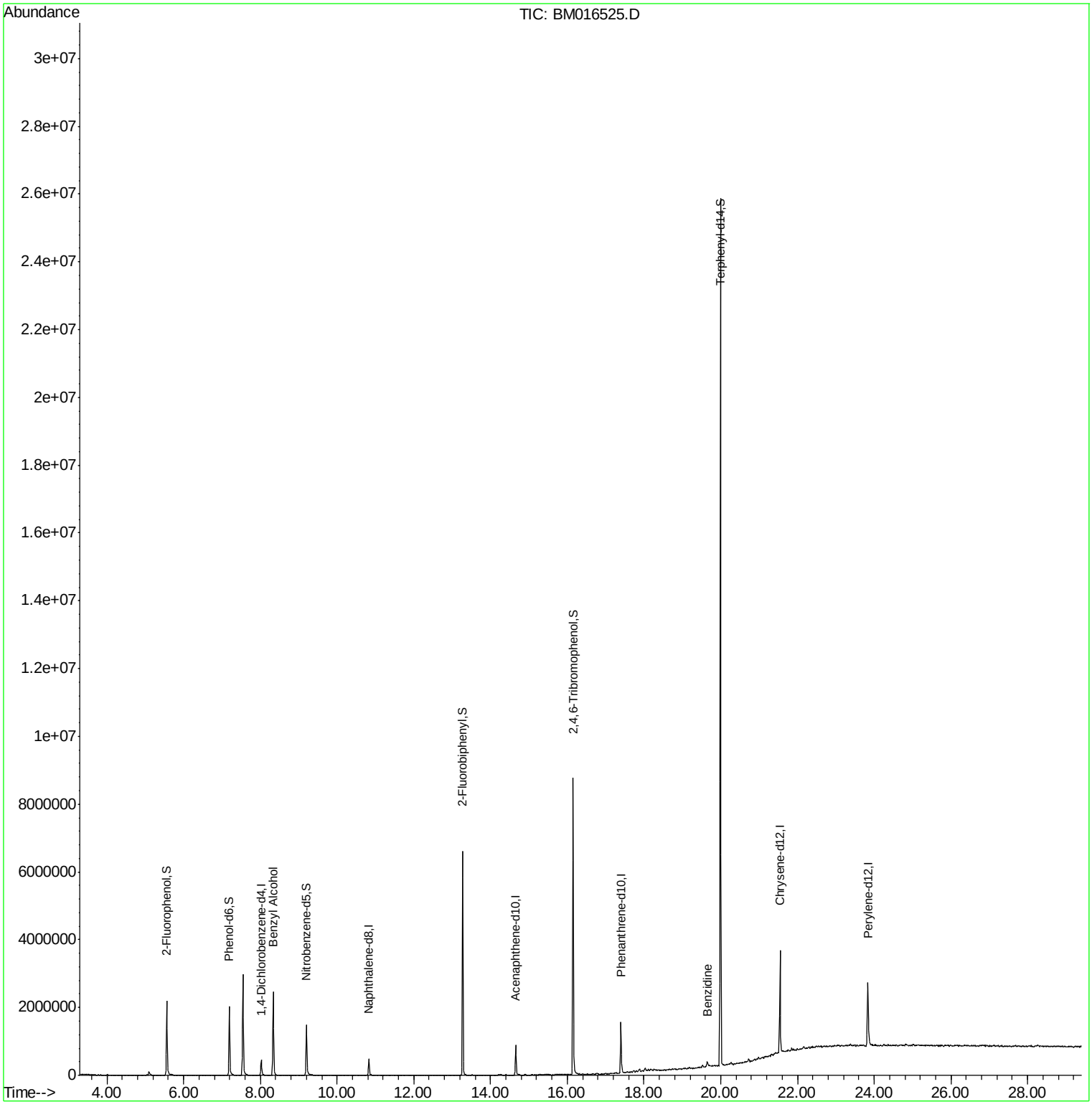
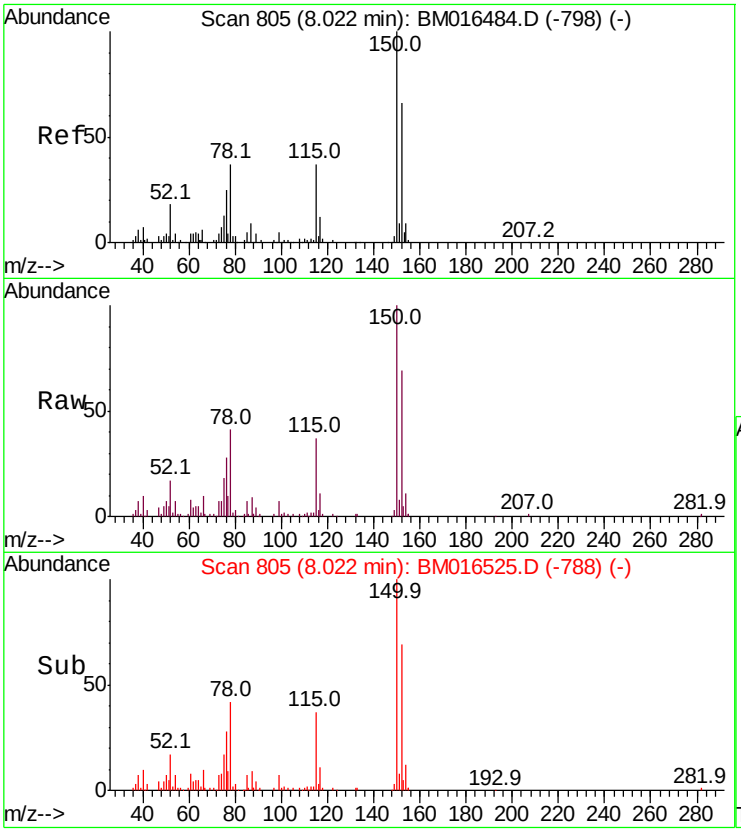
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration



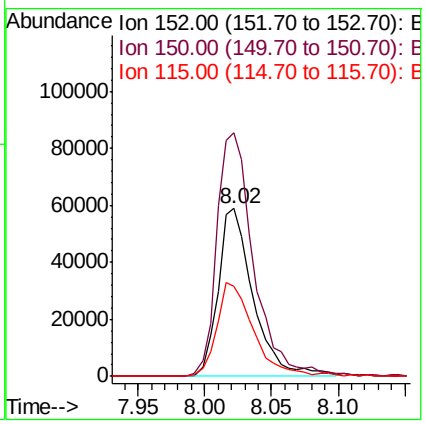


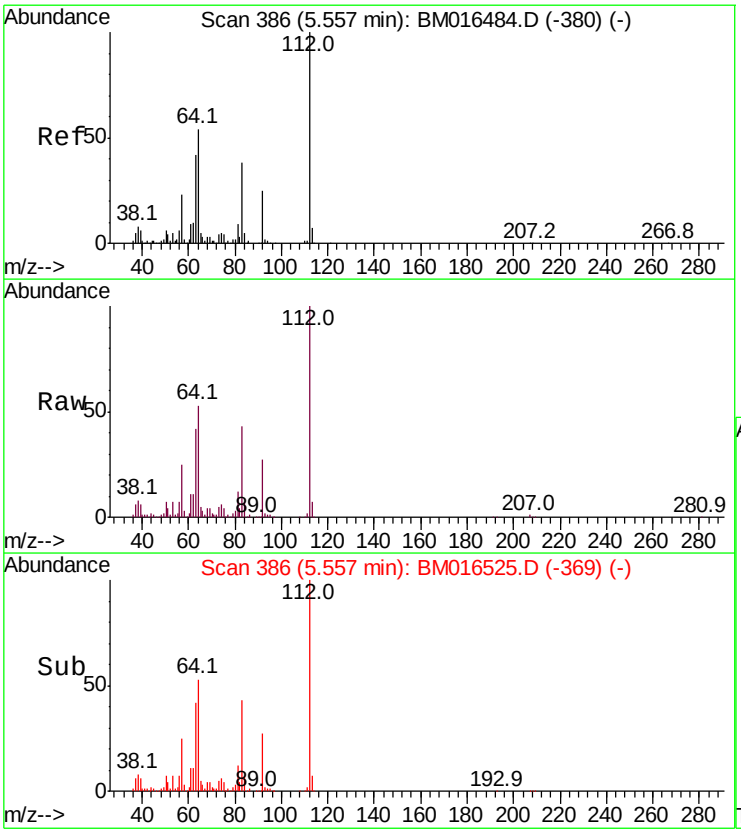
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 108441

Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	53.9	43.0	64.4

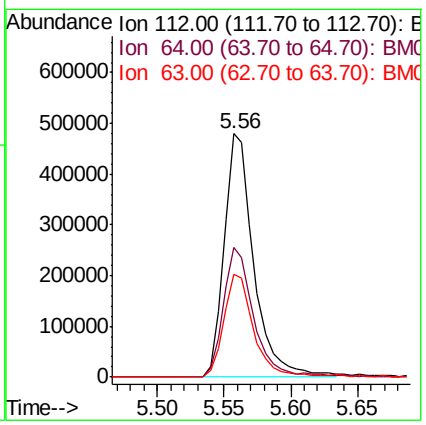


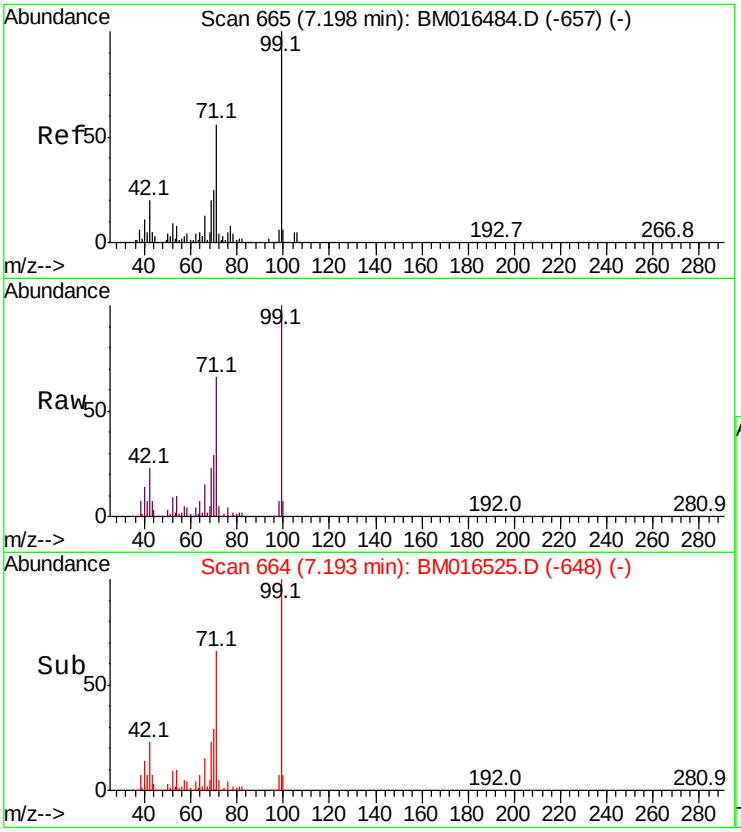


#5
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion:112 Resp: 746230

Ion	Ratio	Lower	Upper
112	100		
64	53.2	38.6	57.8
63	42.3	19.3	28.9#



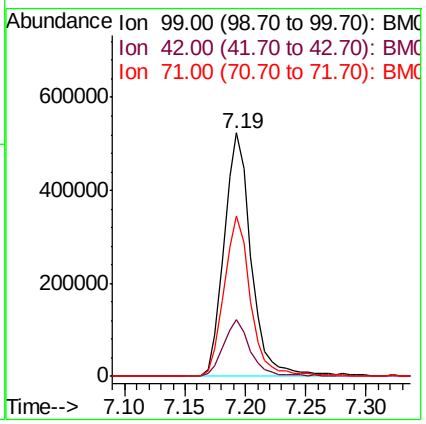


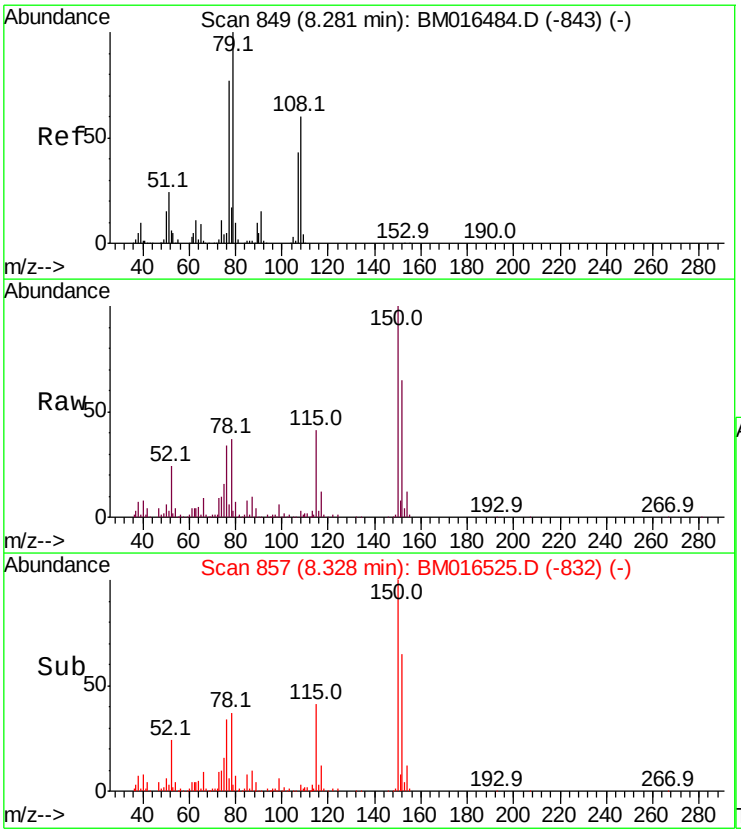
#7
Phenol-d6
Concen: Below ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 816275

Ion	Ratio	Lower	Upper
99	100		
42	23.5	11.0	16.4#
71	65.9	23.4	35.2#

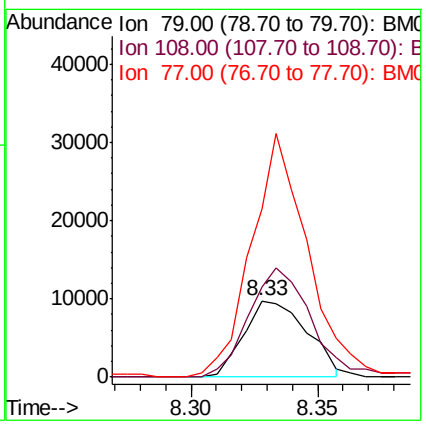


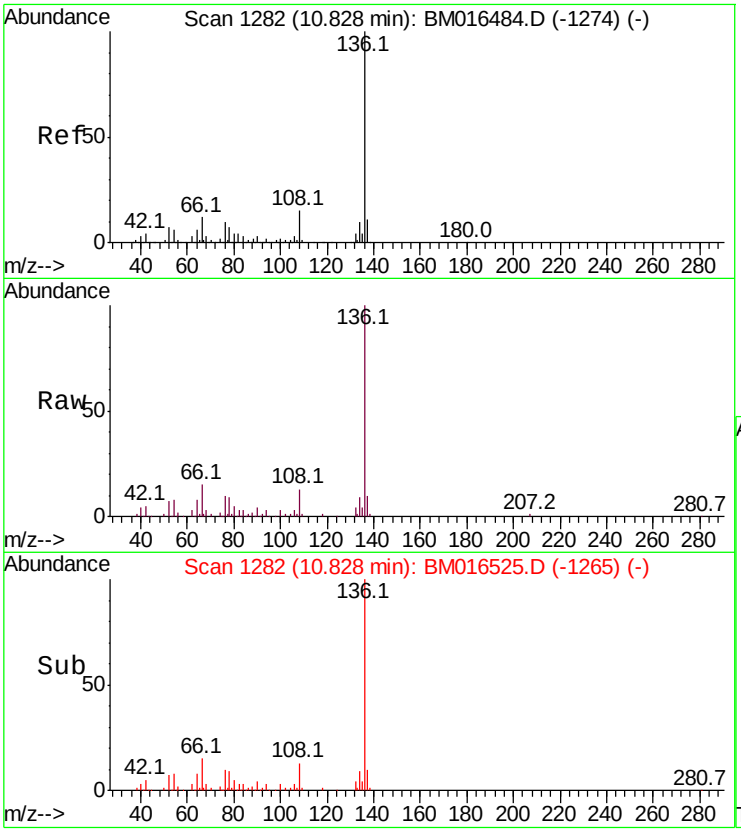


#15
Benzyl Alcohol
Concen: 2.479 ng
RT: 8.33 min Scan# 857
Delta R.T. 0.05 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion: 79 Resp: 16858

Ion	Ratio	Lower	Upper
79	100		
108	117.2	65.0	97.4#
77	220.8	53.0	79.6#



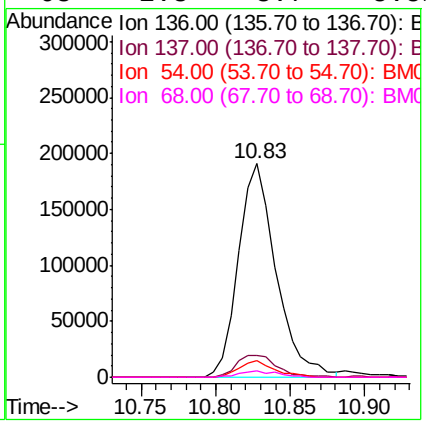


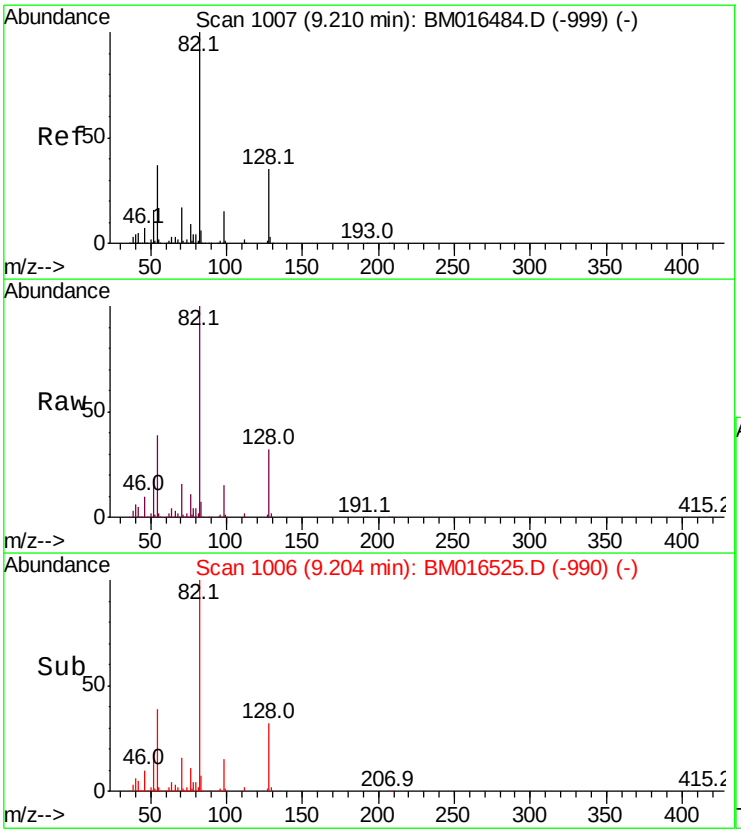
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 334284

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	8.0	4.6	6.8#
68	2.8	3.7	5.5#

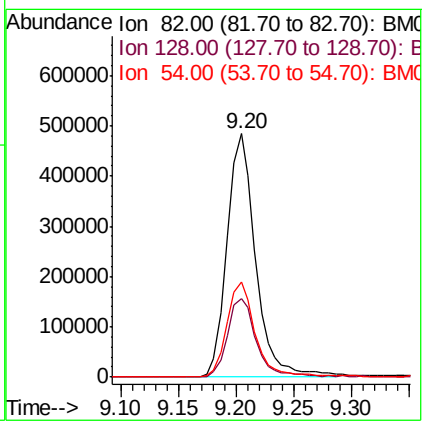


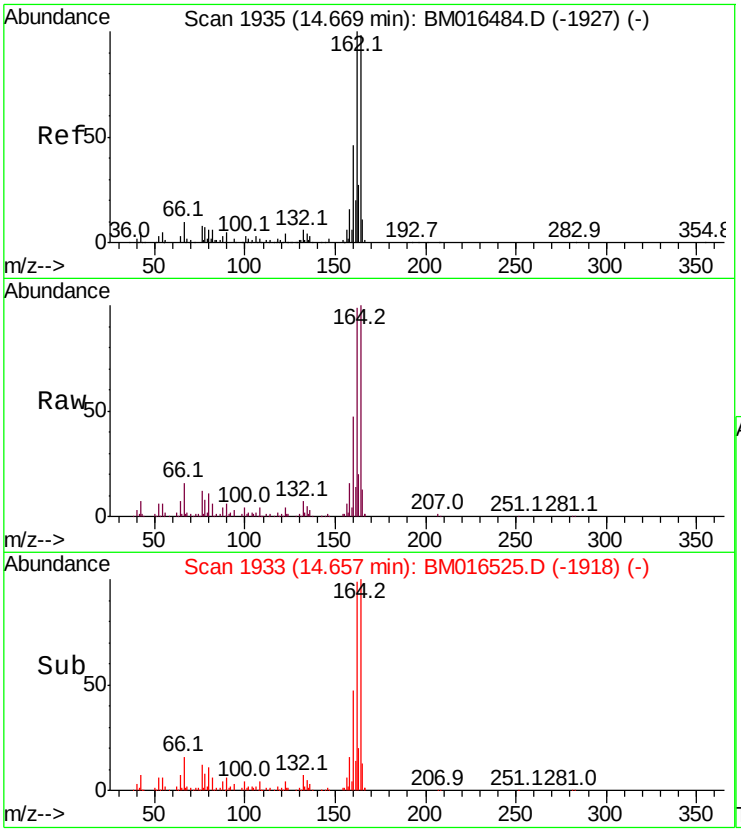


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion: 82 Resp: 832135

Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.8	49.2#
54	38.9	40.6	60.8#



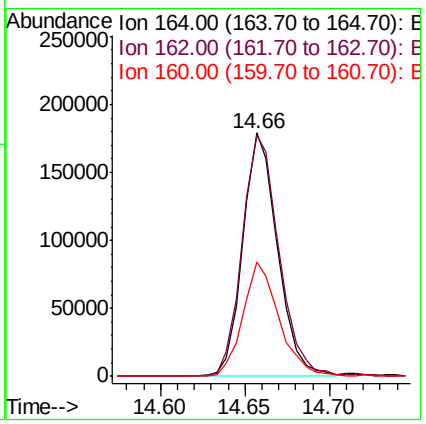


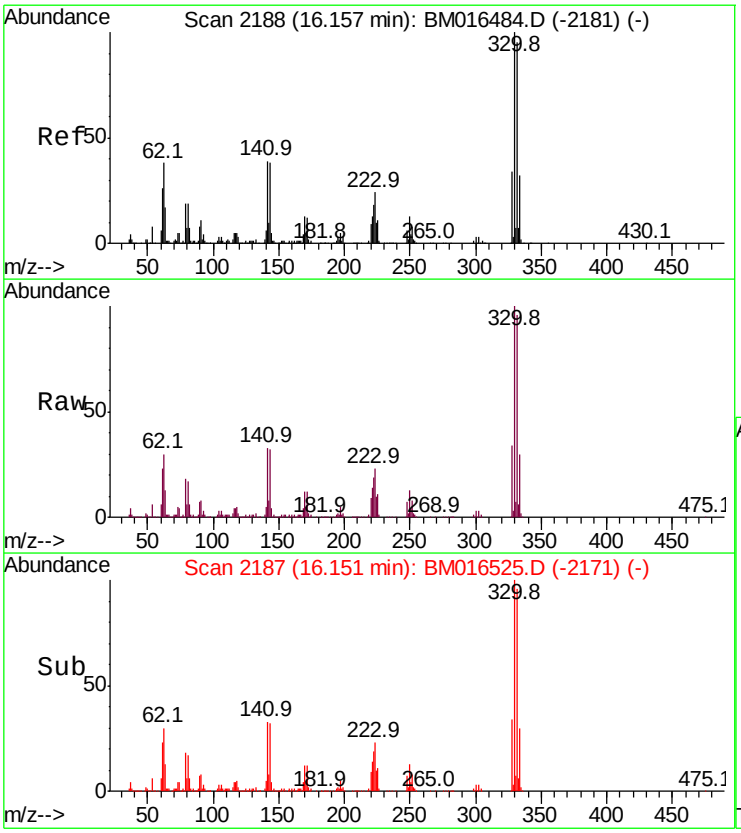
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 256023

Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	47.0	35.8	53.6

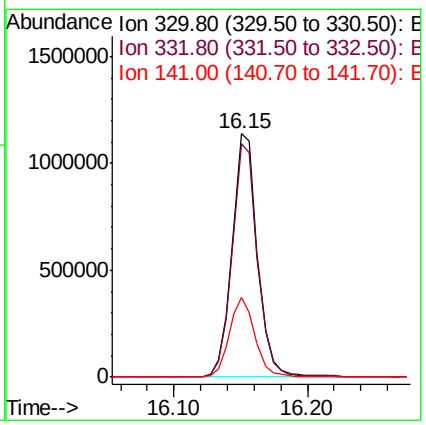


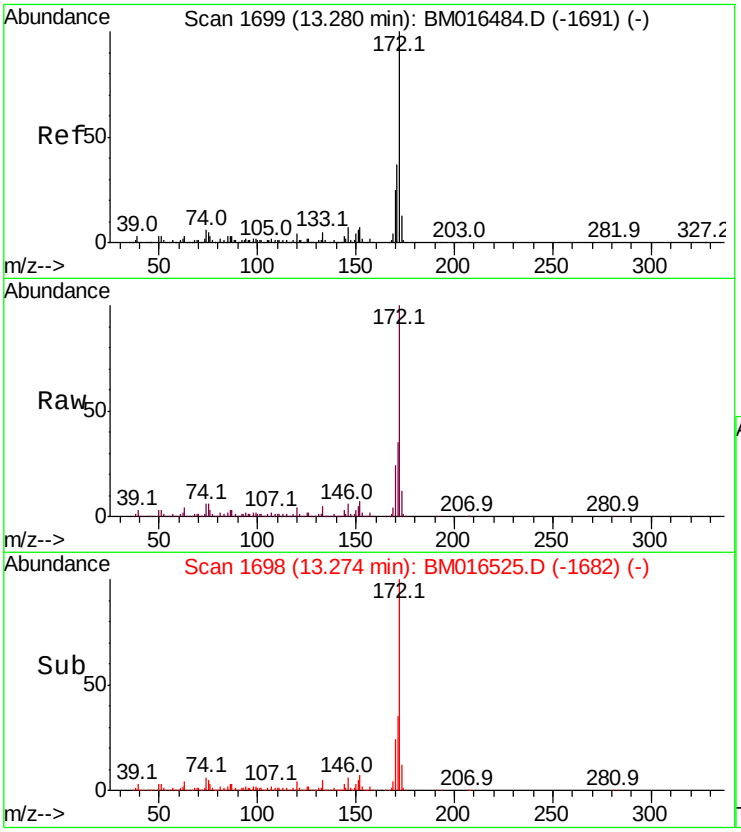


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion:330 Resp: 1515831

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	33.1	0.0	0.0#



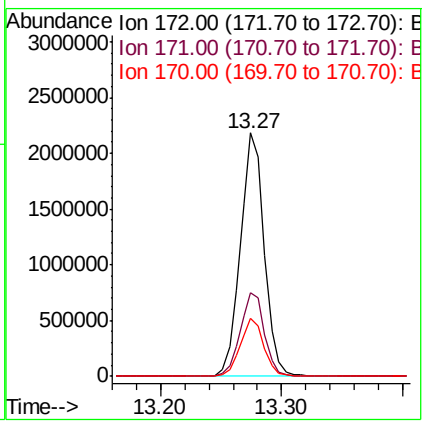


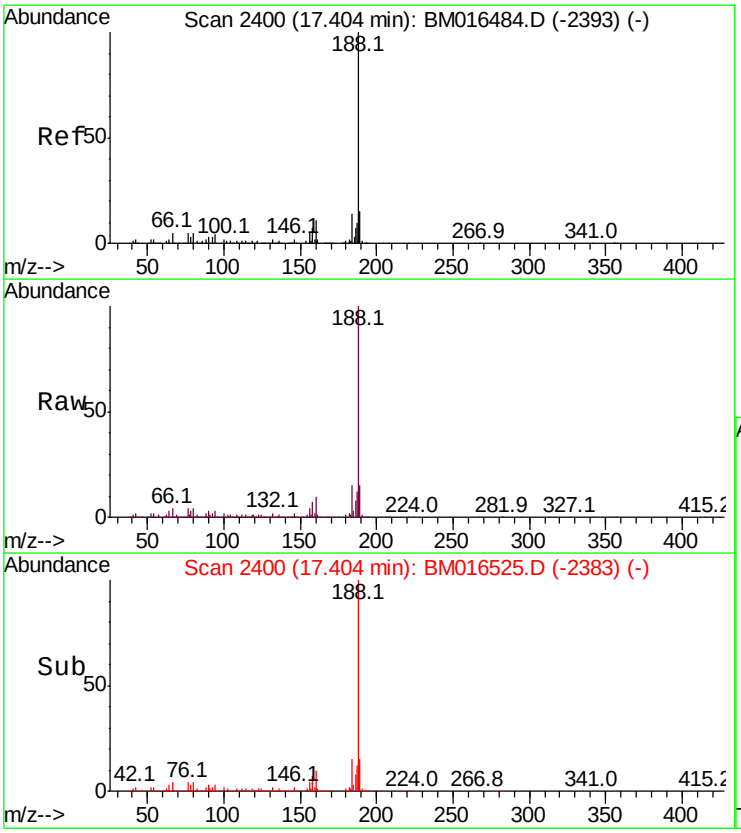
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 3011107

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.6	18.8	28.2

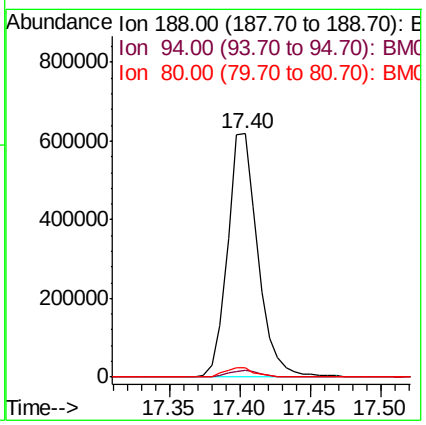


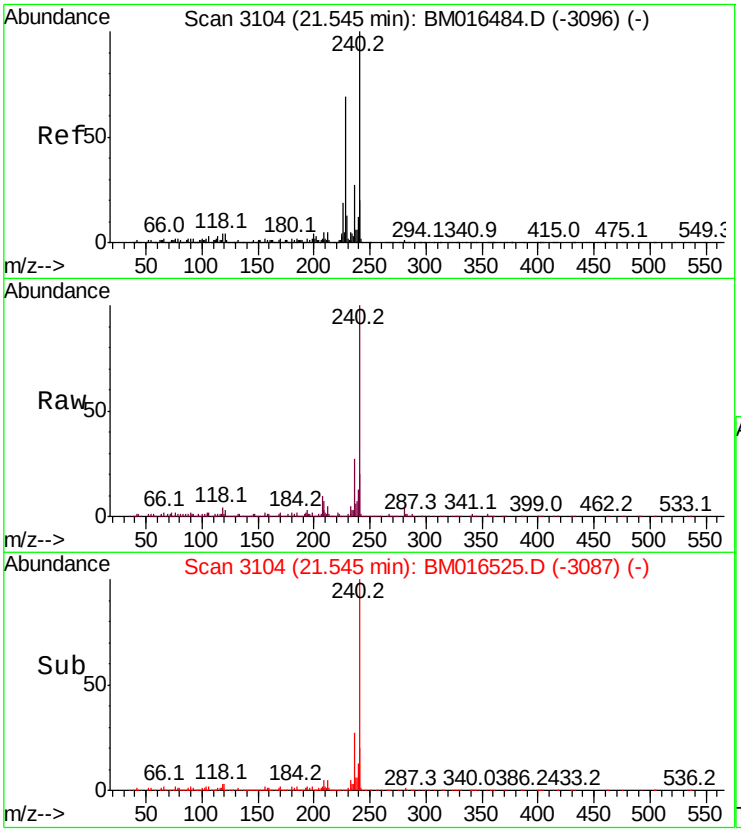


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion:188 Resp: 923824

Ion	Ratio	Lower	Upper
188	100		
94	2.9	8.7	13.1#
80	3.7	9.3	13.9#



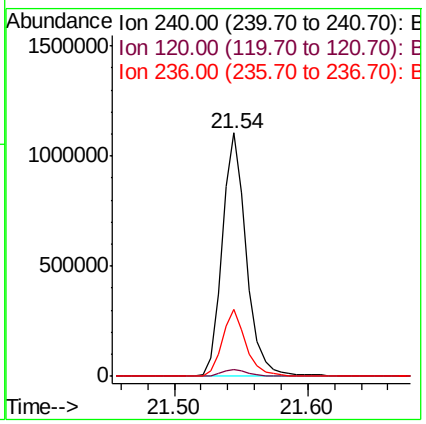


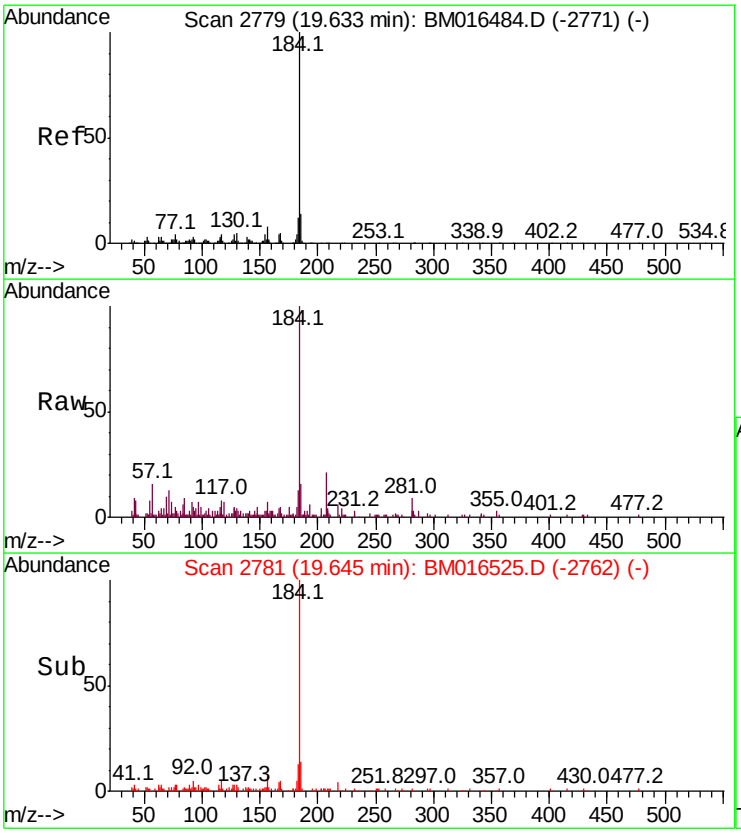
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1407757

Ion	Ratio	Lower	Upper
240	100		
120	3.0	8.2	12.2#
236	27.3	20.0	30.0

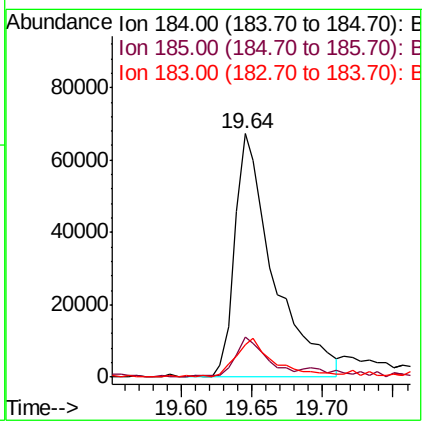


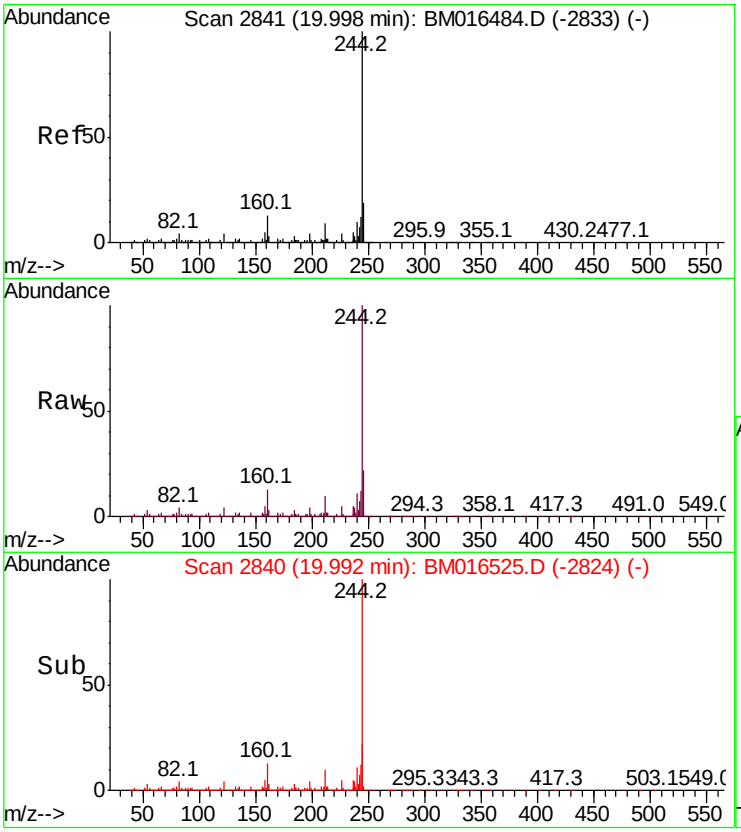


#76
Benzidine
Concen: 4.771 ng
RT: 19.64 min Scan# 2781
Delta R.T. 0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion:184 Resp: 129153

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.3	16.9
183	13.2	8.9	13.3



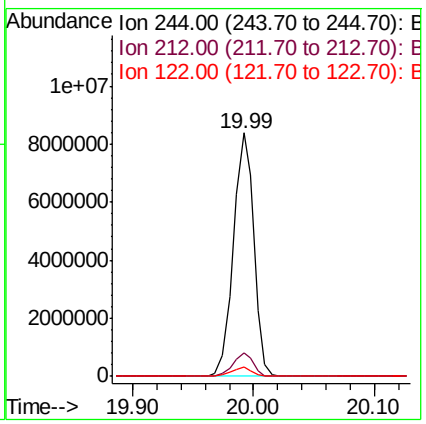


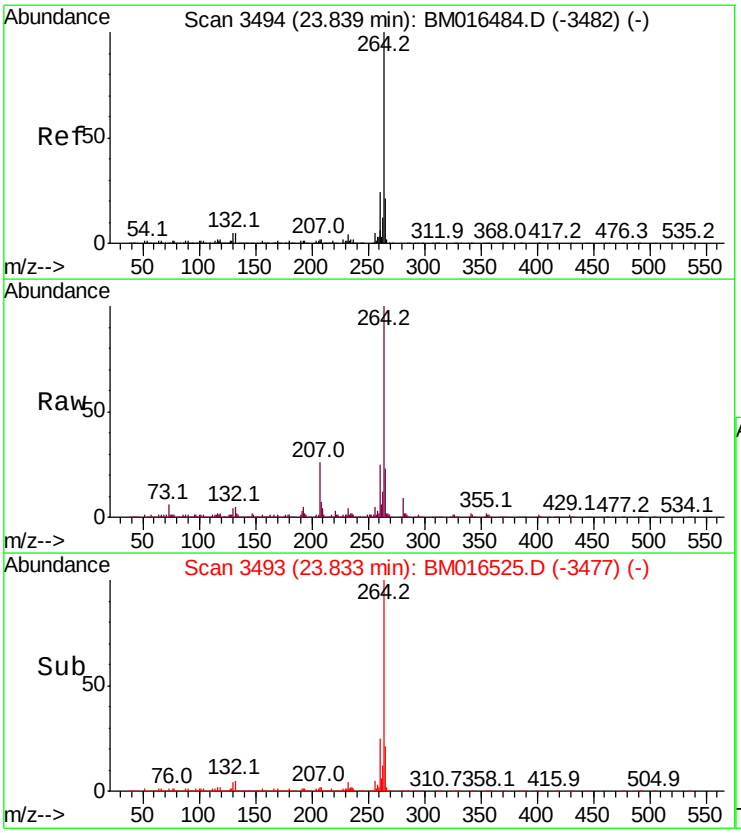
#78
Terphenyl-d14
Concen: Below ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 9885132

Ion	Ratio	Lower	Upper
244	100		
212	9.7	4.9	7.3#
122	3.8	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016525.D
Acq: 22 Aug 2018 19:09

Tgt Ion:264 Resp: 1491852

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	22.7	17.3	25.9