Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016497.D
Acq On : 21 Aug 2018 23:18
Operator : SJ/JU
Sample : J4282-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 22 00:17:05 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	142975	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	447218	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	320770	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1038990	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1282224	20.00	ng	0.00
86) Perylene-d12	23.83	264	1416798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1086774	148.95	ng	0.01
7) Phenol-d6	7.20	99	1176414	121.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	1246609	127.27	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2104238	234.67	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	4445551	133.22	ng	0.00
78) Terphenyl-d14	19.99	244	10329960	170.52	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.34	79	28244	3.150	ng	# 1
31) Naphthalene	10.88	128	54734	2.569	ng	# 90

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

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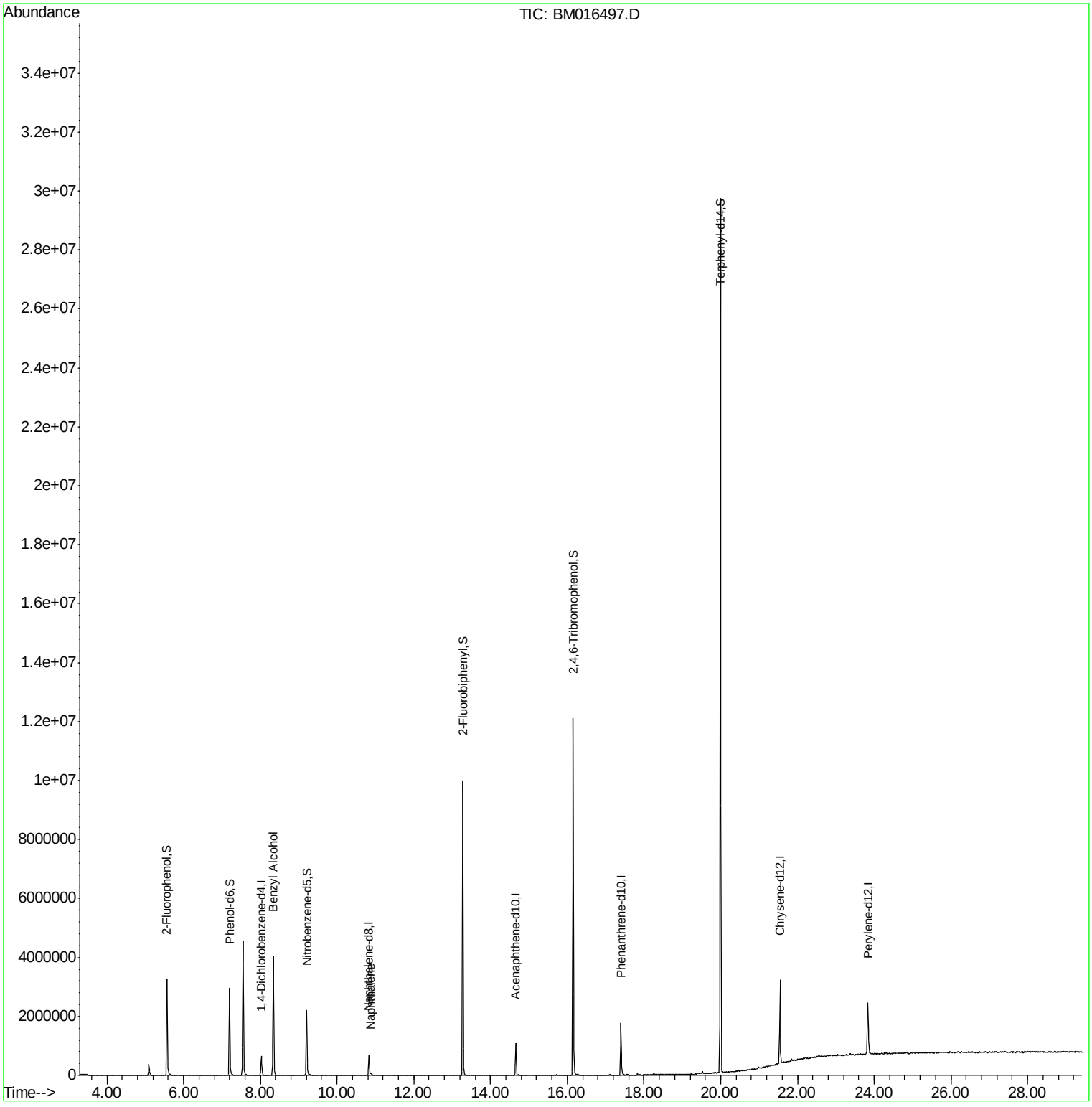
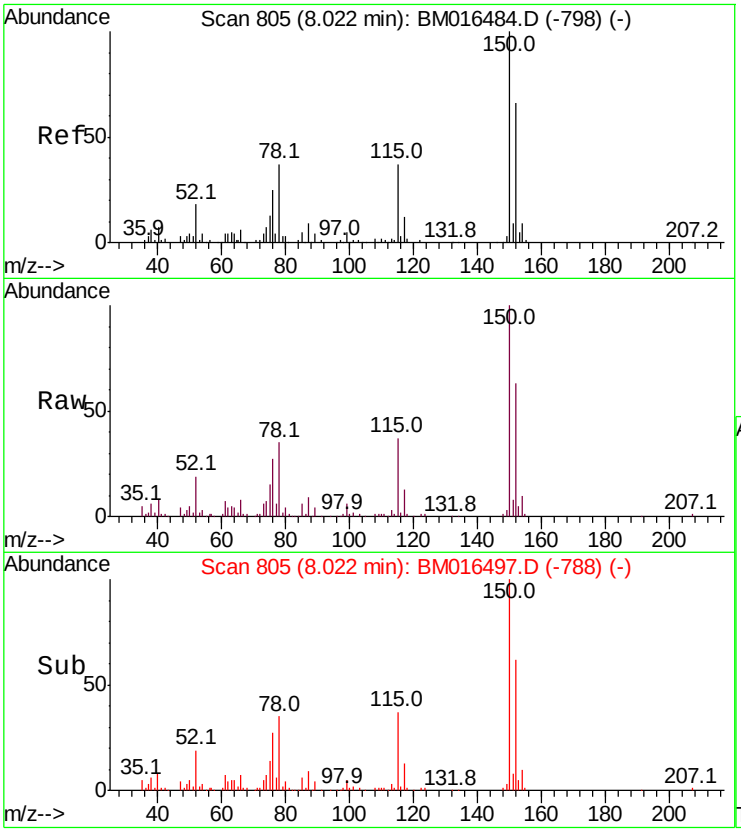


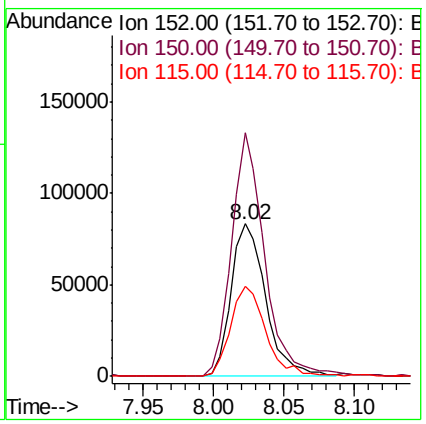


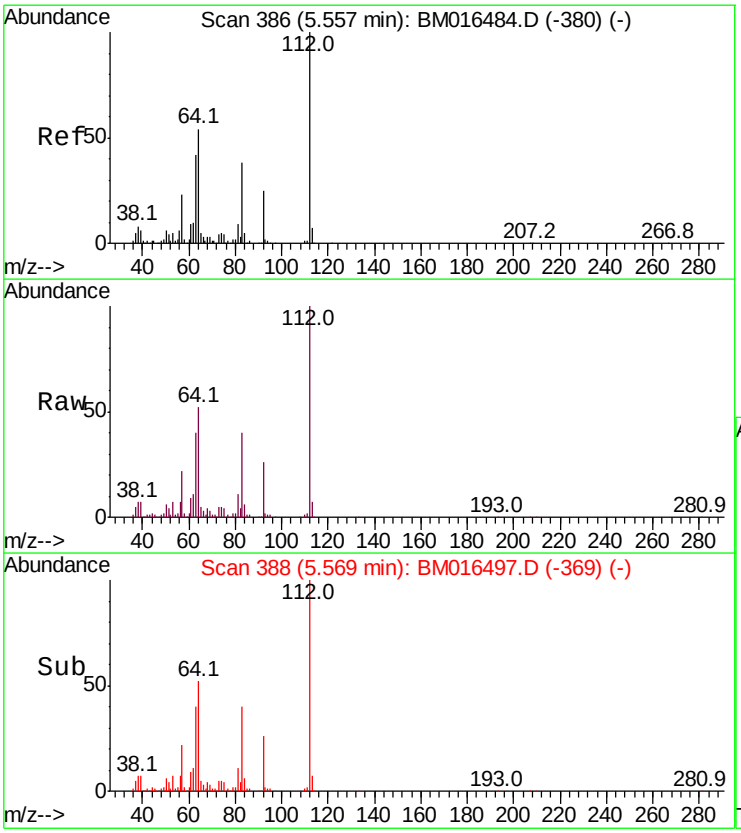
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 142975

Ion	Ratio	Lower	Upper
152	100		
150	159.5	119.5	179.3
115	59.2	43.0	64.4

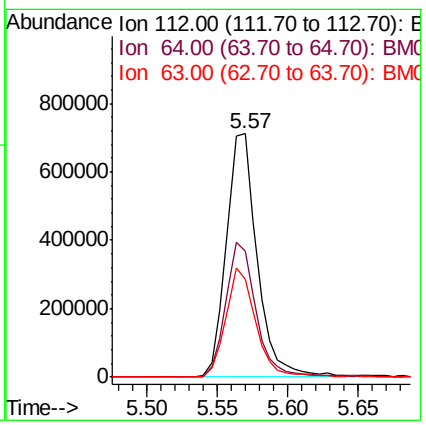


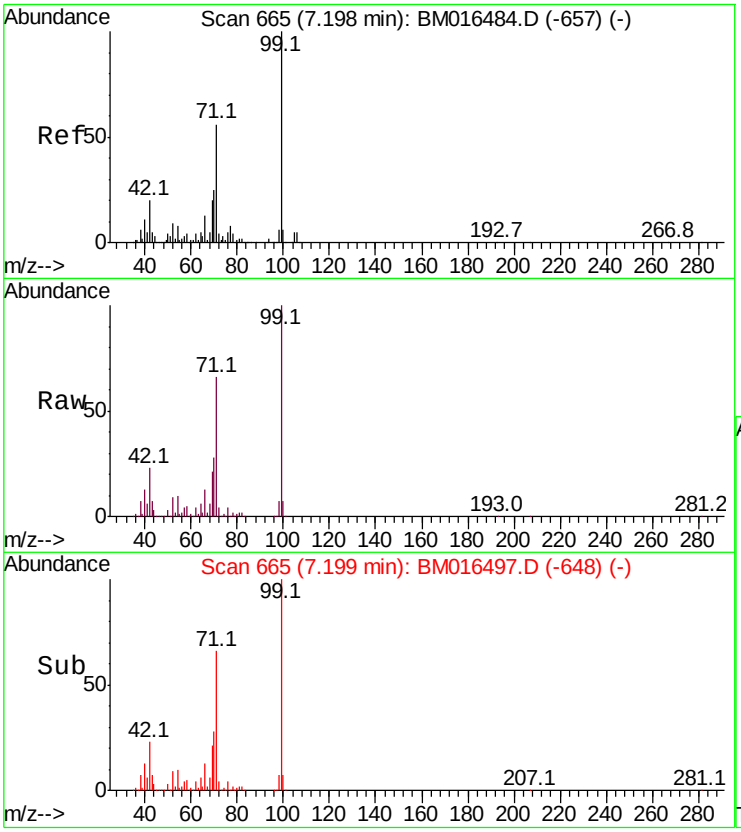


#5
2-Fluorophenol
Concen: Below ng
RT: 5.57 min Scan# 388
Delta R.T. 0.01 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Tgt Ion:112 Resp: 1086774

Ion	Ratio	Lower	Upper
112	100		
64	51.9	38.6	57.8
63	40.4	19.3	28.9#



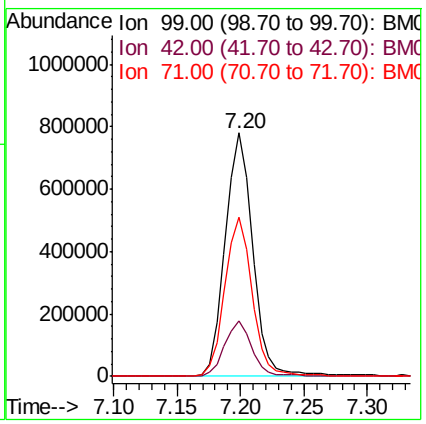


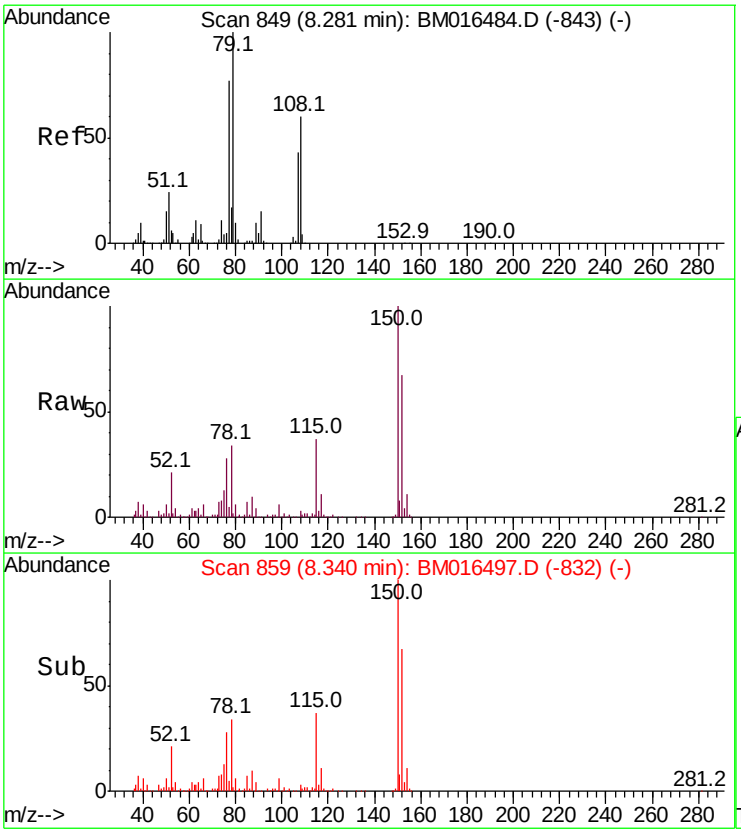
#7
Phenol-d6
Concen: N.D. ng
RT: 7.20 min Scan# 665
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1176414

Ion	Ratio	Lower	Upper
99	100		
42	22.8	11.0	16.4#
71	65.5	23.4	35.2#

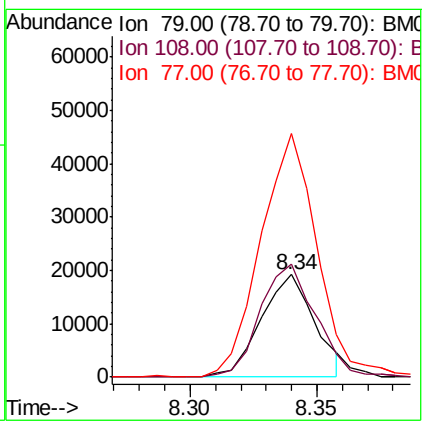


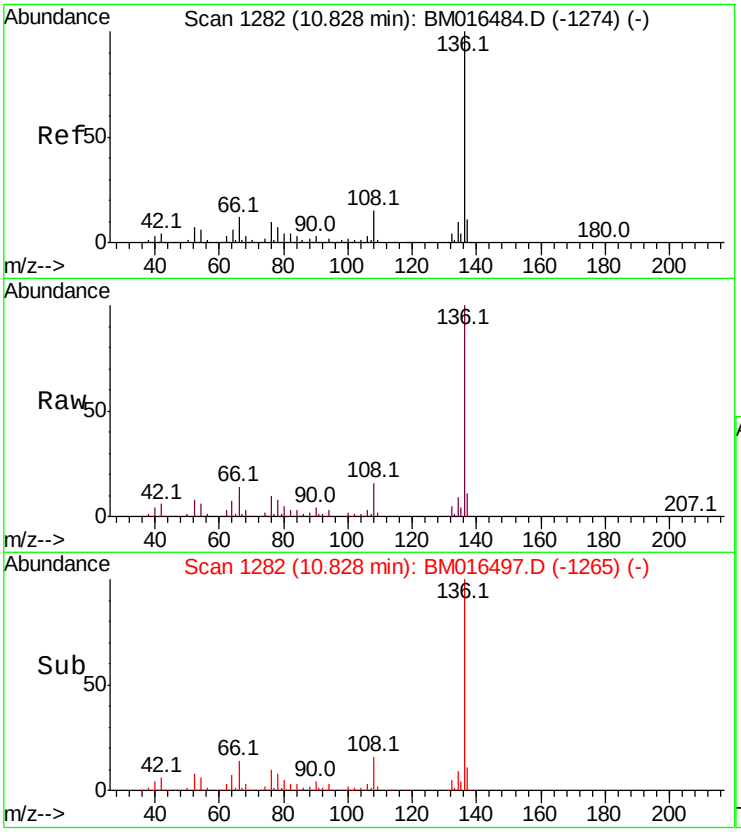


#15
Benzyl Alcohol
Concen: 3.150 ng
RT: 8.34 min Scan# 859
Delta R.T. 0.06 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Tgt Ion: 79 Resp: 28244

Ion	Ratio	Lower	Upper
79	100		
108	110.2	65.0	97.4#
77	237.7	53.0	79.6#



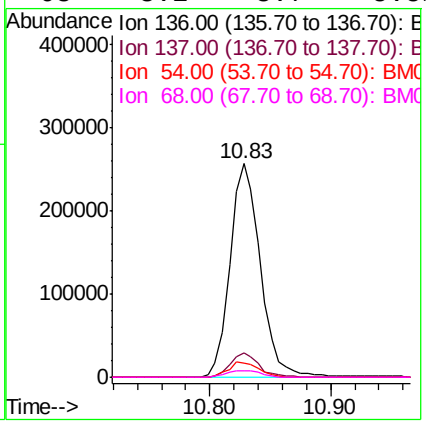


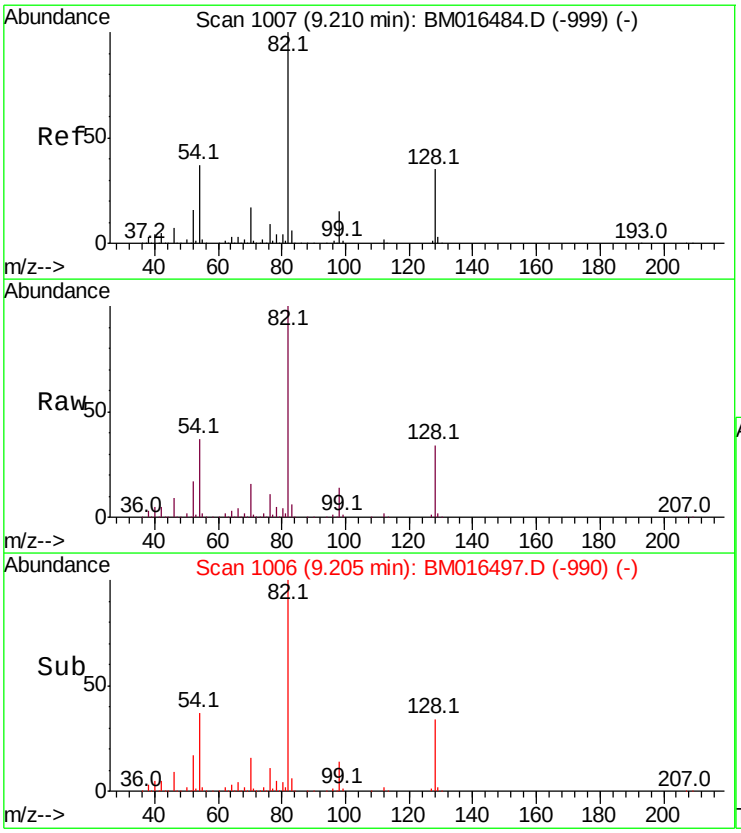
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 447218

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	6.3	4.6	6.8
68	3.2	3.7	5.5#

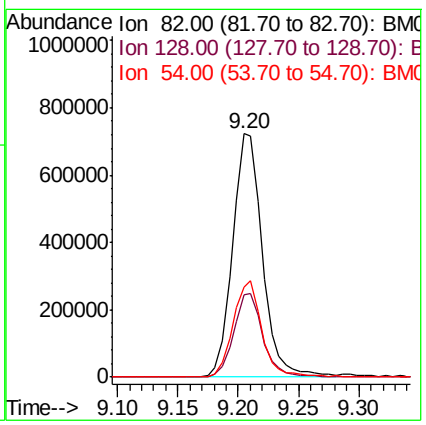


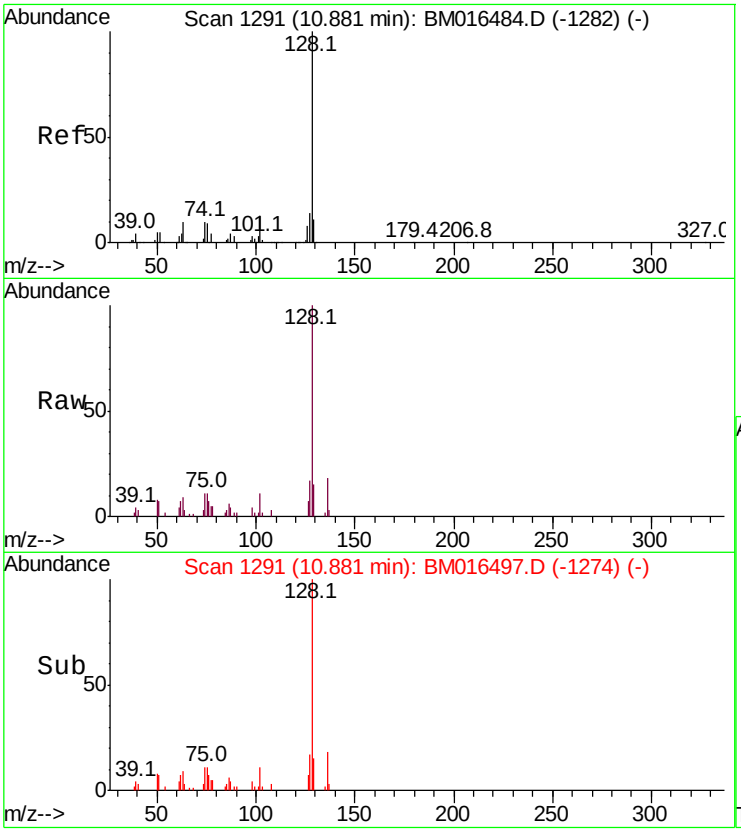


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Tgt Ion: 82 Resp: 1246609

Ion	Ratio	Lower	Upper
82	100		
128	33.7	32.8	49.2
54	36.9	40.6	60.8#



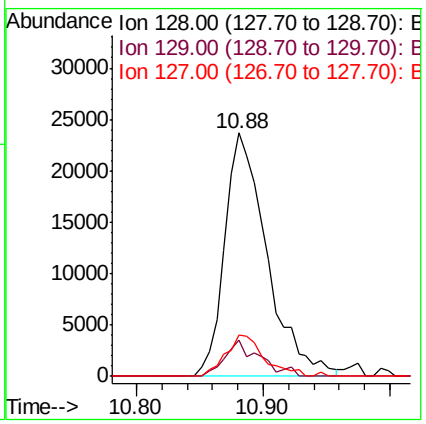


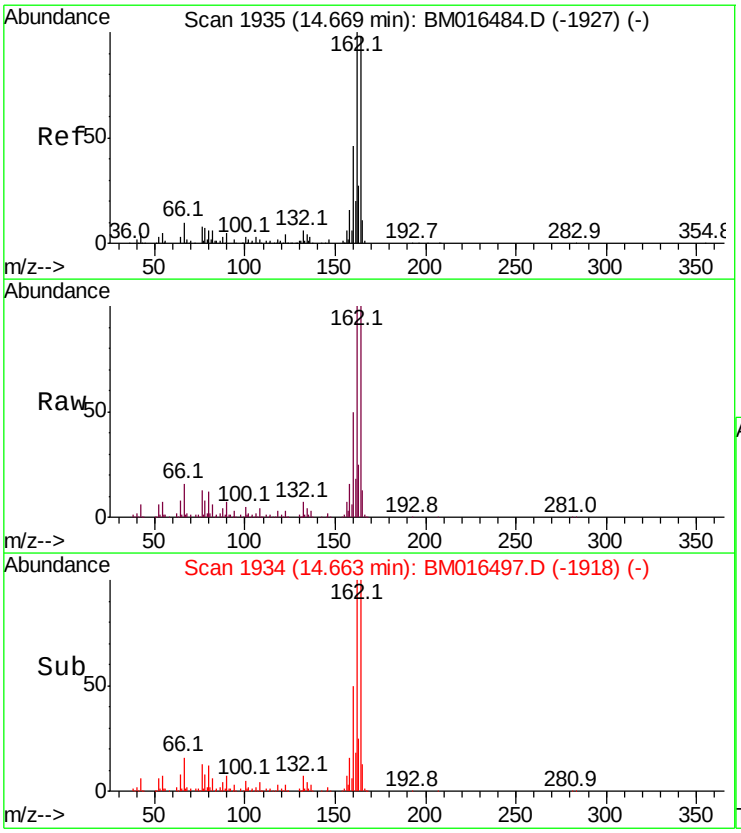
#31
Naphthalene
Concen: 2.569 ng
RT: 10.88 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 54734

Ion	Ratio	Lower	Upper
128	100		
129	14.7	8.9	13.3#
127	16.8	10.4	15.6#

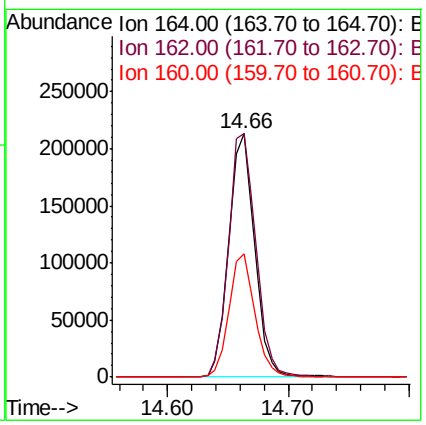


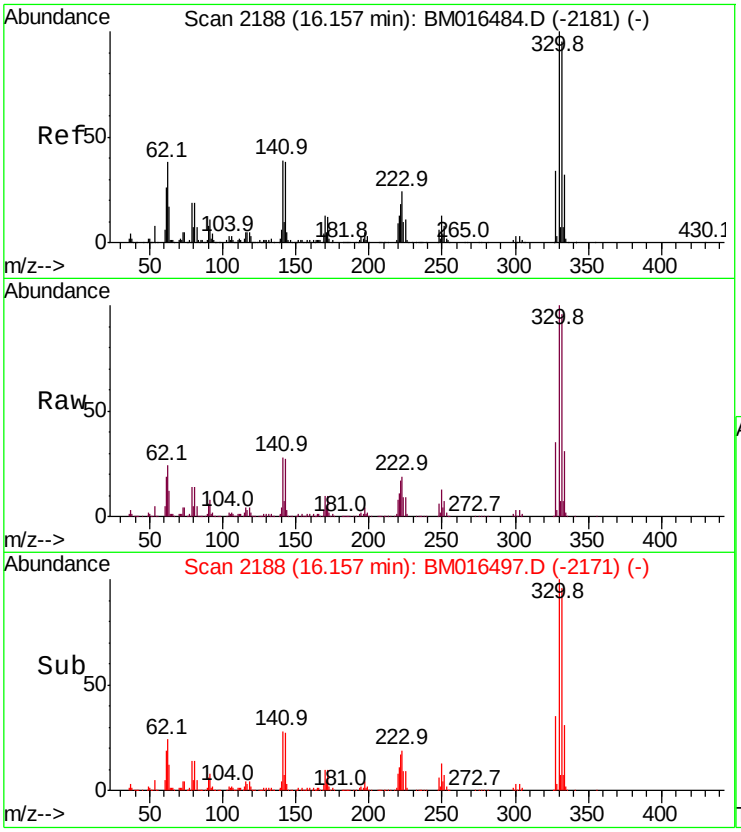


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Tgt Ion:164 Resp: 320770

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	50.5	35.8	53.6



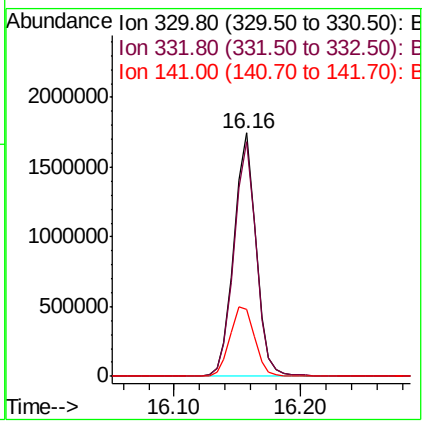


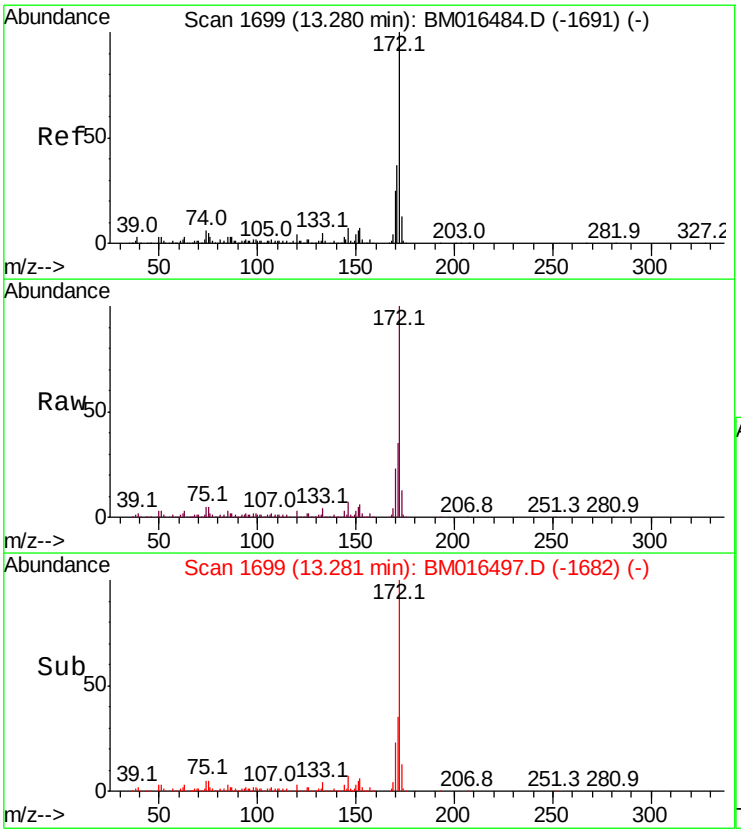
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 2104238

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	32.2	0.0	0.0#

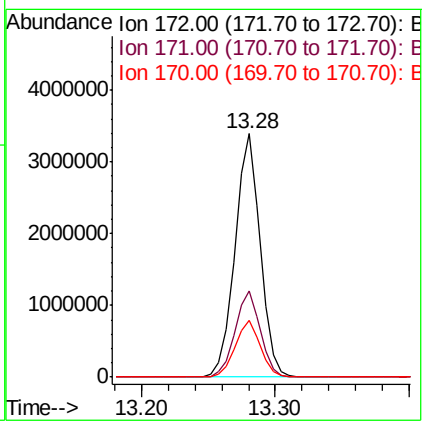


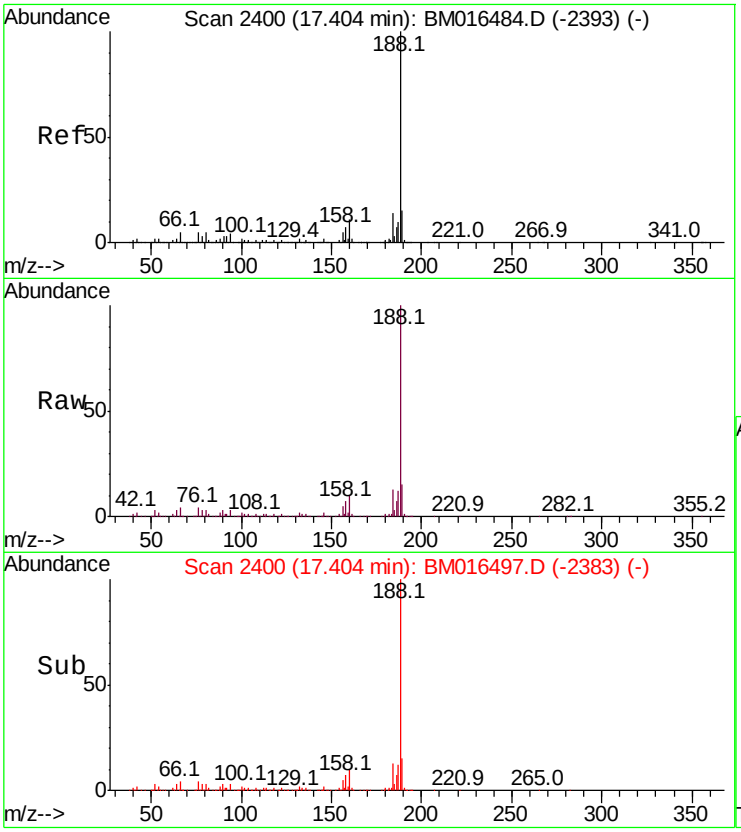


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Tgt Ion:172 Resp: 4445551

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.2	18.8	28.2



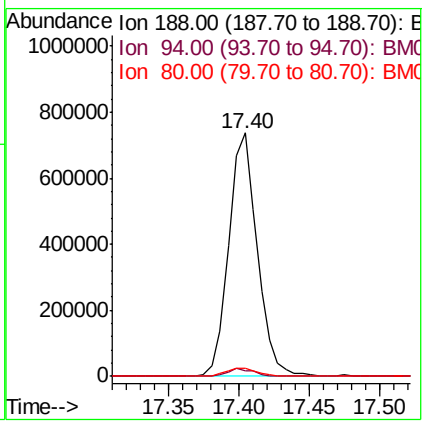


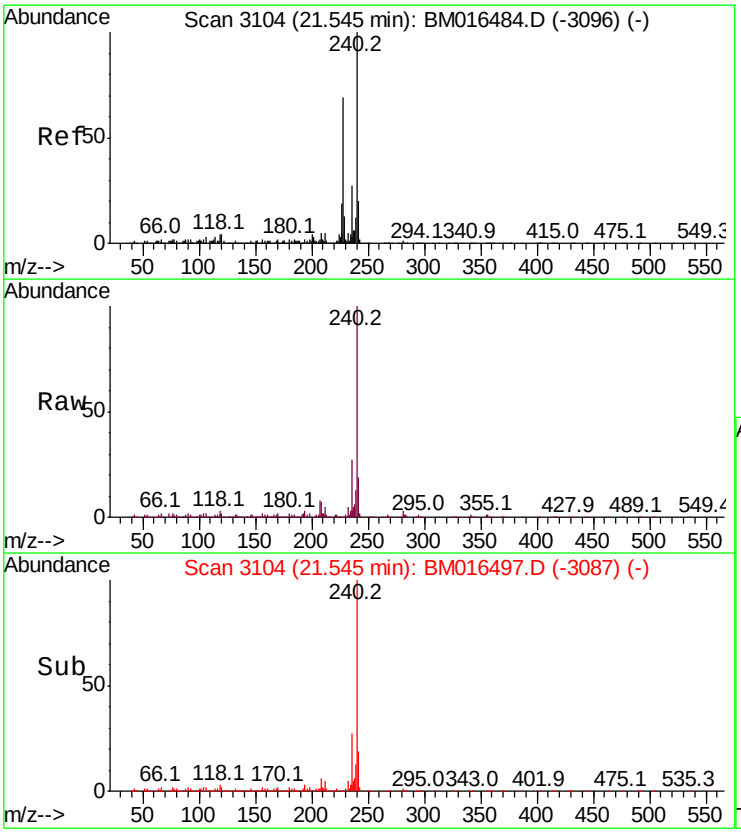
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1038990

Ion	Ratio	Lower	Upper
188	100		
94	2.5	8.7	13.1#
80	3.4	9.3	13.9#

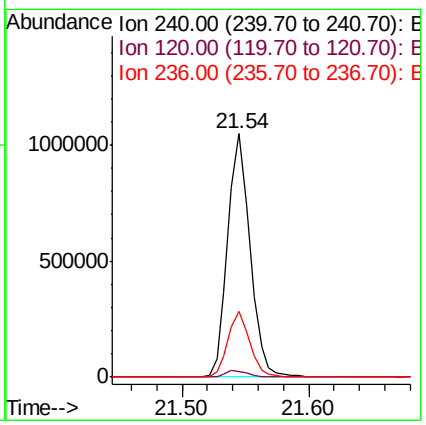


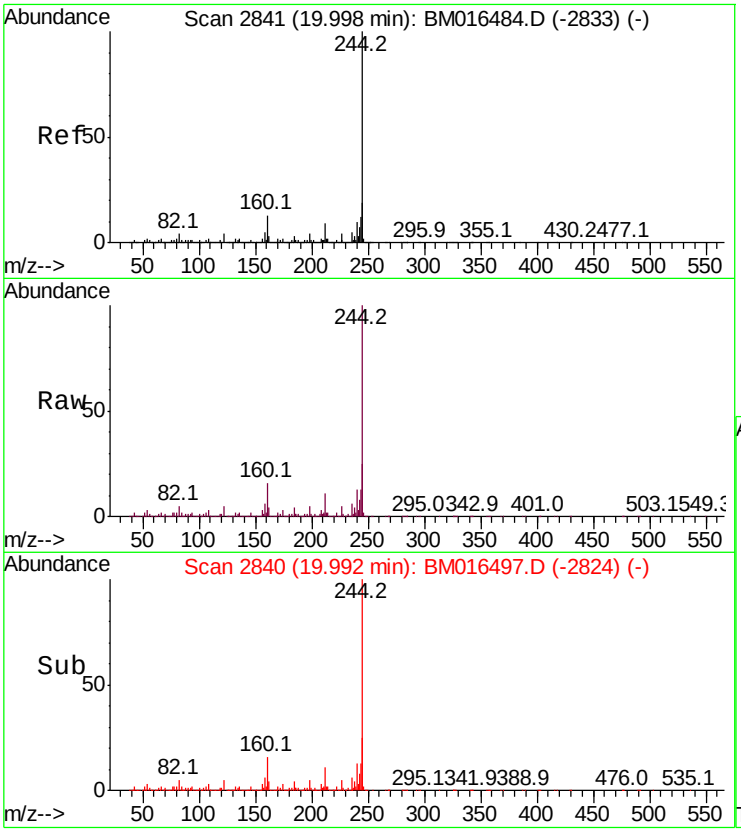


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Tgt Ion:240 Resp: 1282224

Ion	Ratio	Lower	Upper
240	100		
120	2.3	8.2	12.2#
236	26.7	20.0	30.0



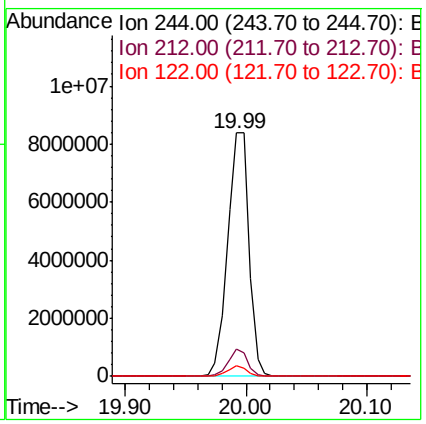


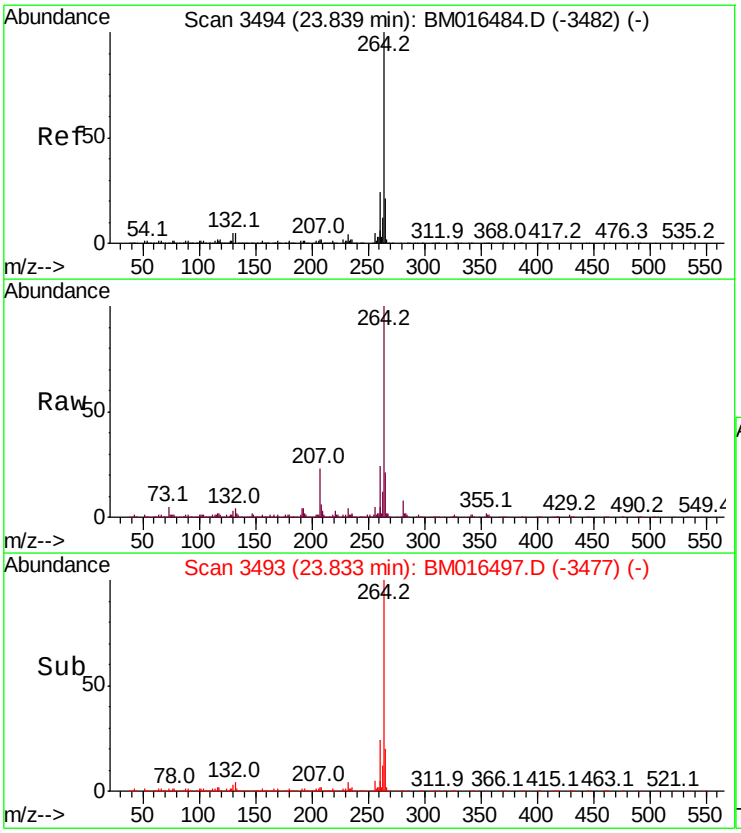
#78
Terphenyl-d14
Concen: Below ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp:10329960

Ion	Ratio	Lower	Upper
244	100		
212	11.3	4.9	7.3#
122	4.6	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: BM016497.D
Acq: 21 Aug 2018 23:18

Tgt Ion:264 Resp: 1416798

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.3	17.3	25.9