Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009511.D
Acq On : 03 Apr 2017 21:41
Operator : SJ/MA
Sample : I2508-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-B58-B59-001

Quant Time: Apr 04 01:22:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	113890	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	421238	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	240924	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	576061	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	778756	20.00	ng	-0.01
86) Perylene-d12	23.74	264	730152	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1028041	150.46	ng	-0.01
7) Phenol-d6	7.01	99	1335653	143.35	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1078299	95.98	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	471549	157.55	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1796611	89.86	ng	-0.02
78) Terphenyl-d14	19.86	244	3189138	85.57	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.70	128	69478	3.11	ng	# 94
59) Diethylphthalate	15.30	149	64205	3.42	ng	# 92

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

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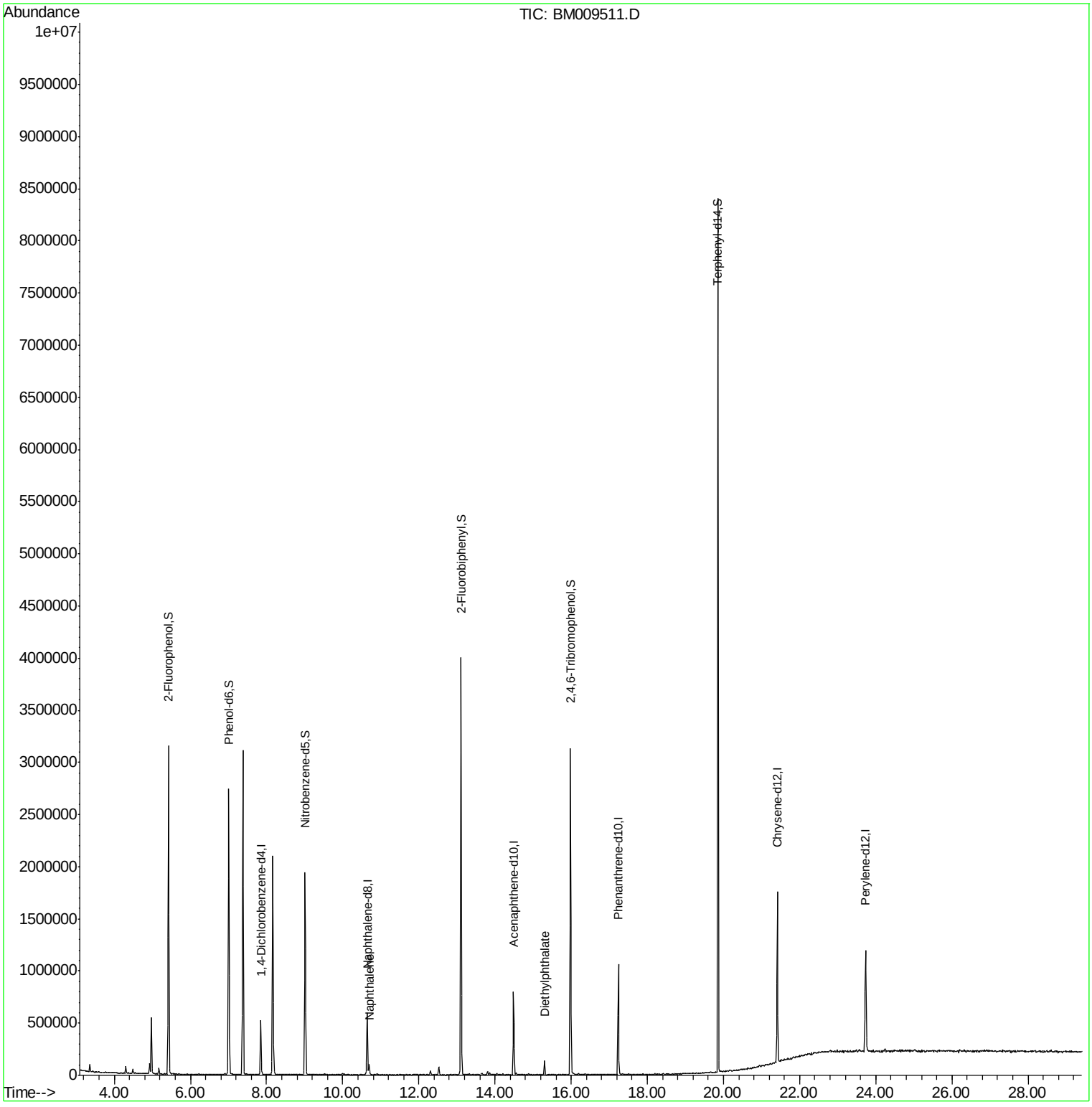
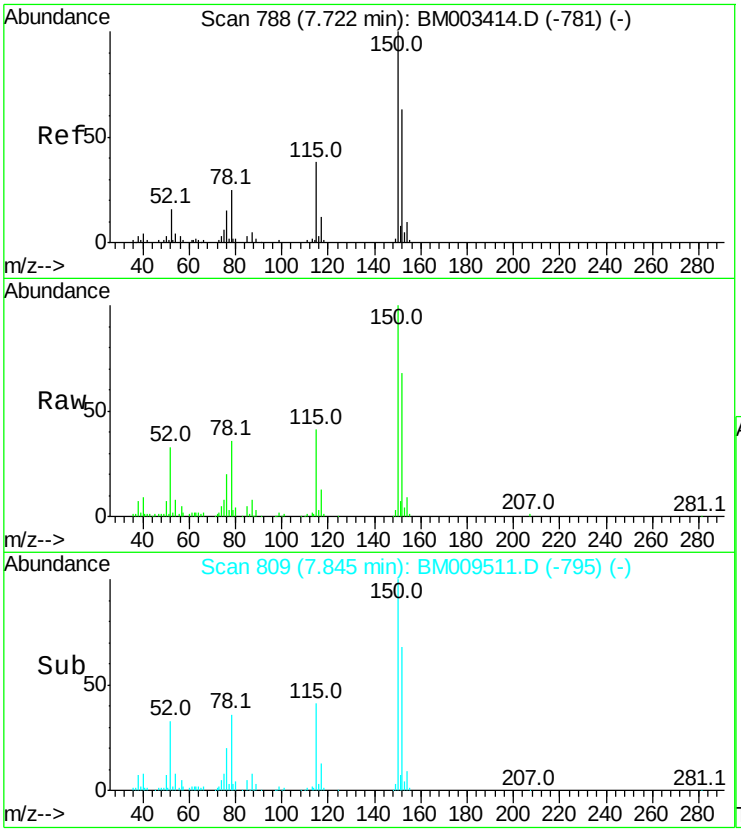


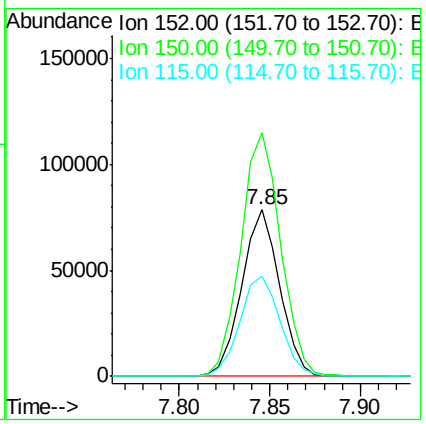


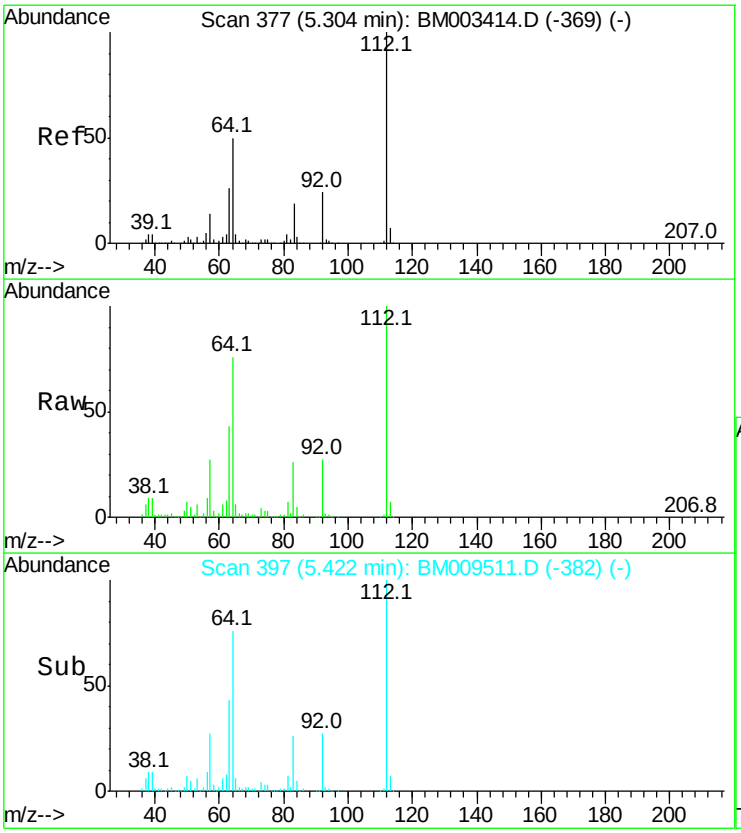
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tgt Ion:152 Resp: 113890

Ion	Ratio	Lower	Upper
152	100		
150	146.5	119.5	179.3
115	60.0	43.0	64.4

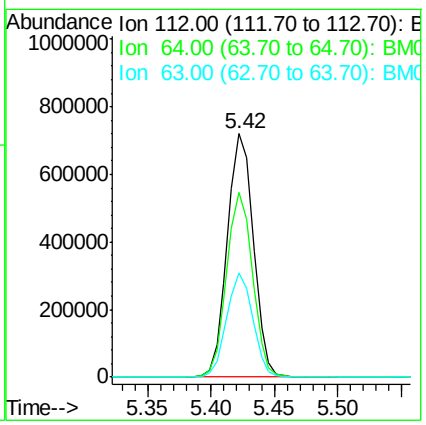


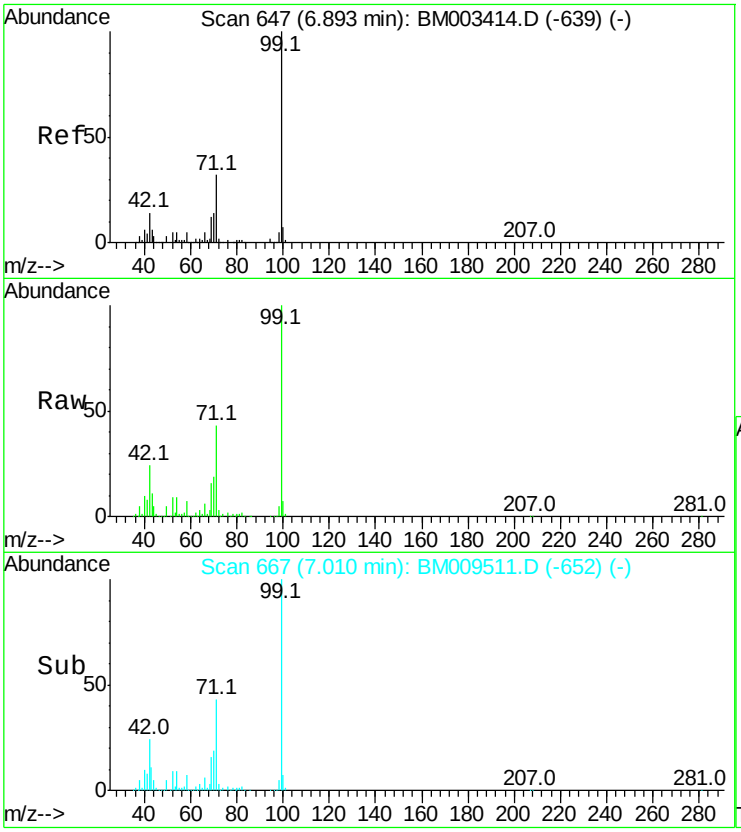


#5
2-Fluorophenol
Concen: 150.46 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:112 Resp: 1028041

Ion	Ratio	Lower	Upper
112	100		
64	75.9	38.6	57.8#
63	43.0	19.3	28.9#



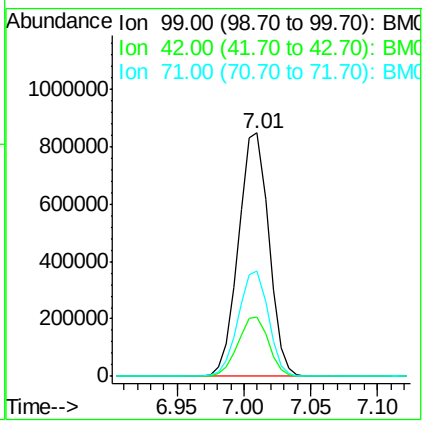


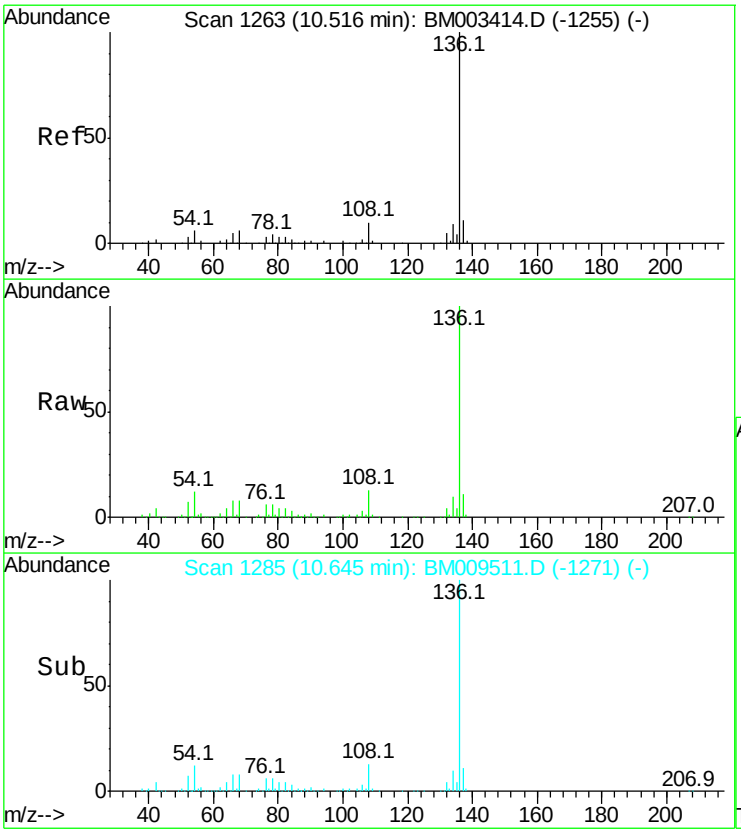
#7
Phenol-d6
Concen: 143.35 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.01 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tgt Ion: 99 Resp: 1335653

Ion	Ratio	Lower	Upper
99	100		
42	24.1	11.0	16.4#
71	43.5	23.4	35.2#

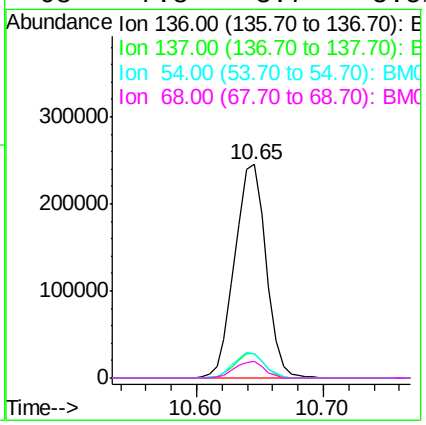


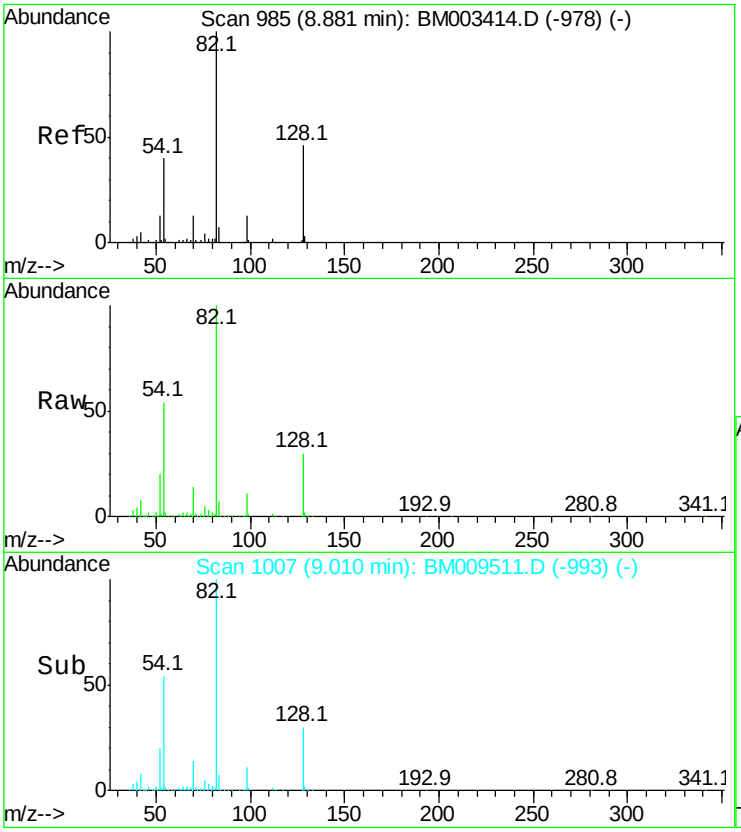


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:136 Resp: 421238

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.7	4.6	6.8#
68	7.8	3.7	5.5#



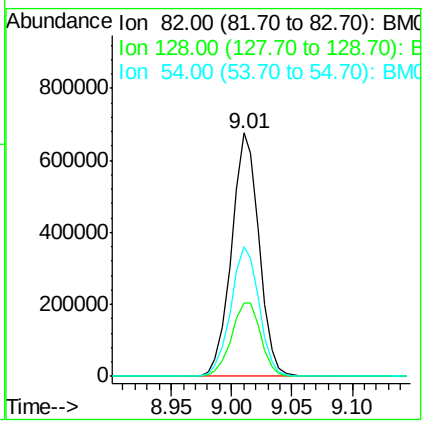


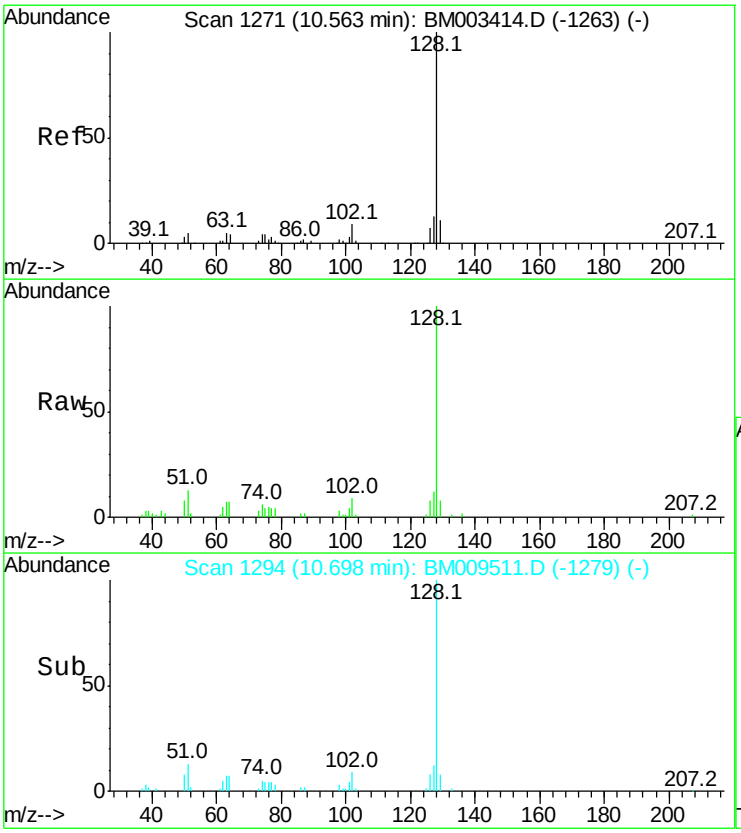
#23
Nitrobenzene-d5
Concen: 95.98 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tgt Ion: 82 Resp: 1078299

Ion	Ratio	Lower	Upper
82	100		
128	30.1	32.8	49.2#
54	53.5	40.6	60.8

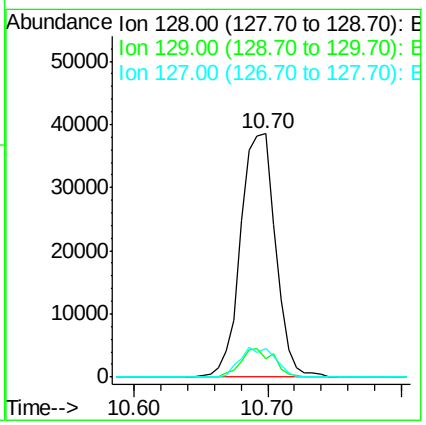


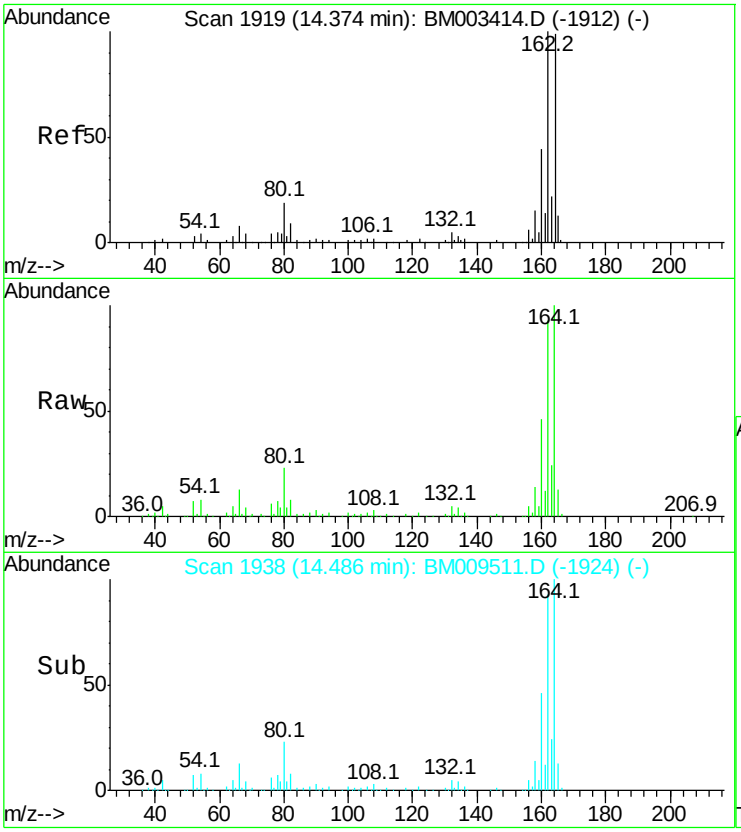


#31
Naphthalene
Concen: 3.11 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:128 Resp: 69478

Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.9	13.3#
127	11.6	10.4	15.6



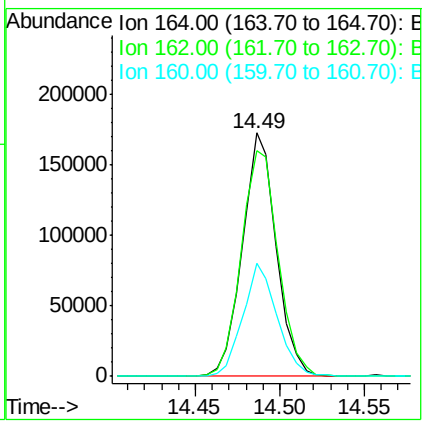


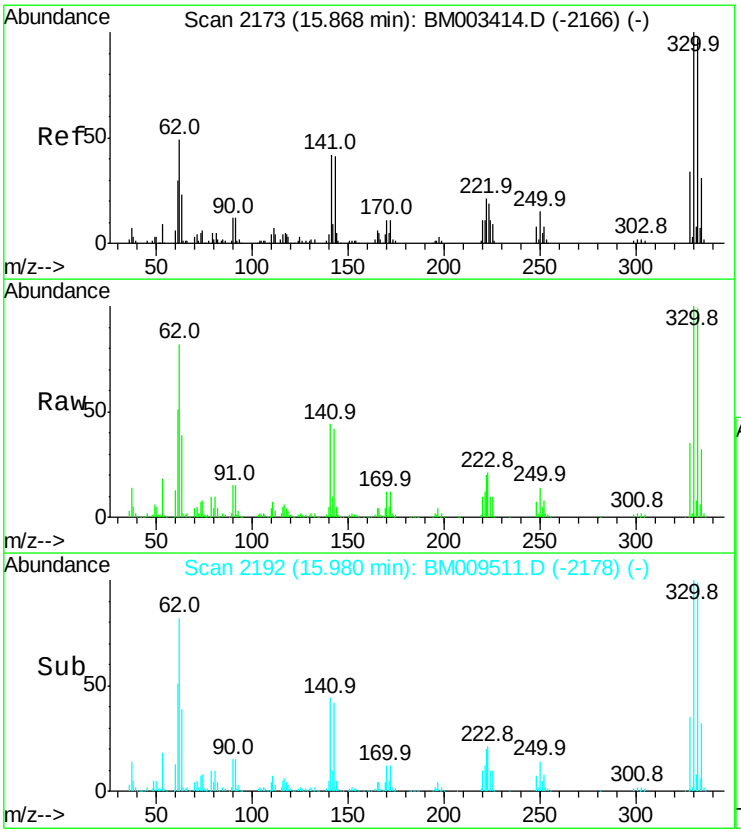
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tgt Ion:164 Resp: 240924

Ion	Ratio	Lower	Upper
164	100		
162	92.9	82.4	123.6
160	46.4	35.8	53.6

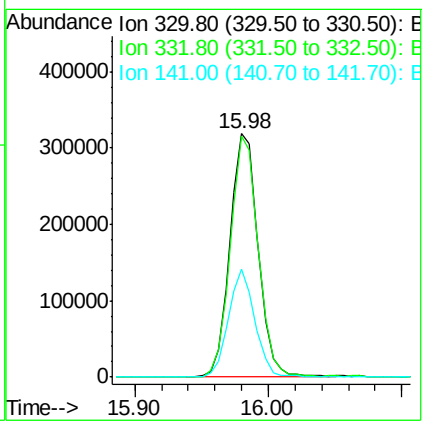


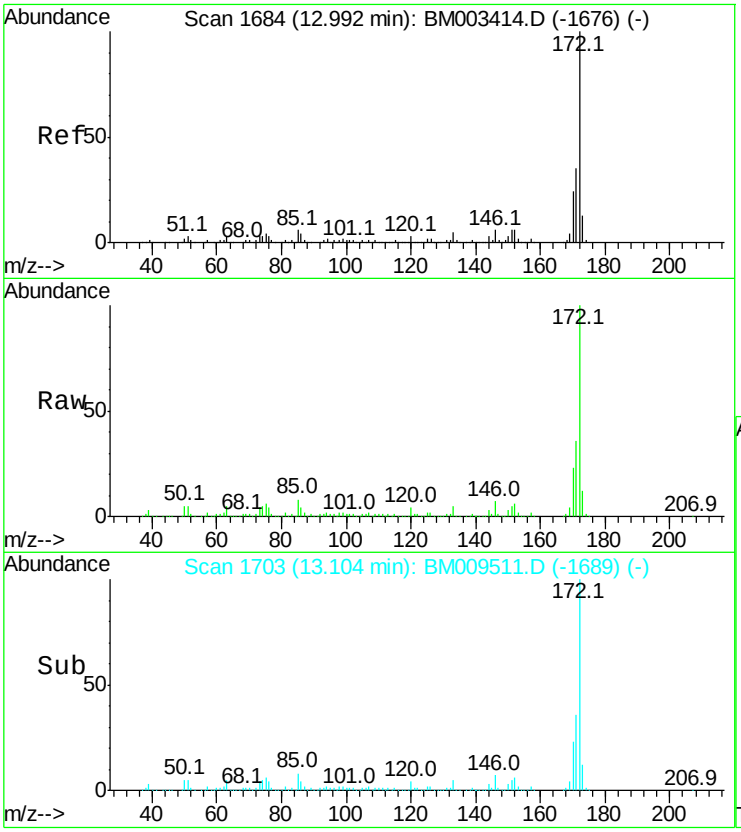


#41
2,4,6-Tribromophenol
Concen: 157.55 ng
RT: 15.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:330 Resp: 471549

Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	41.5	0.0	0.0#



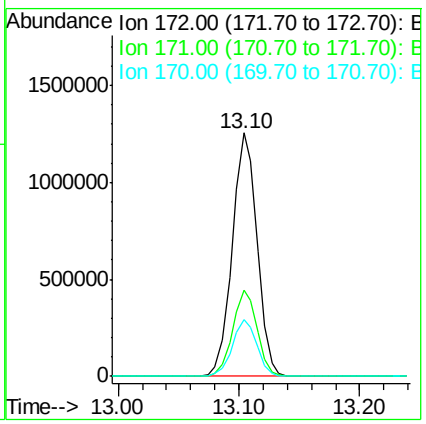


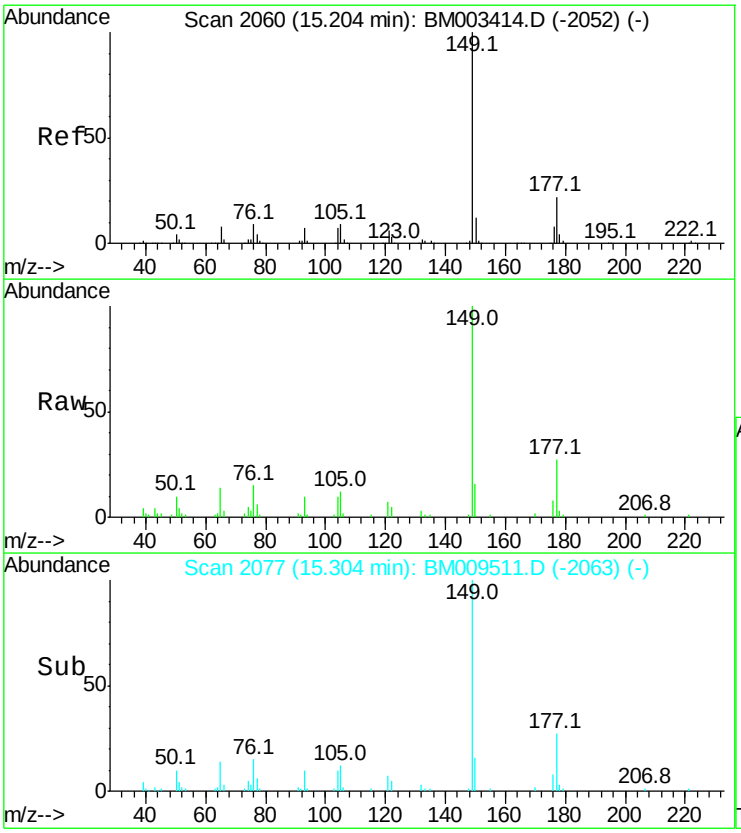
#44
2-Fluorobiphenyl
Concen: 89.86 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tgt Ion:172 Resp: 1796611

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.1	18.8	28.2

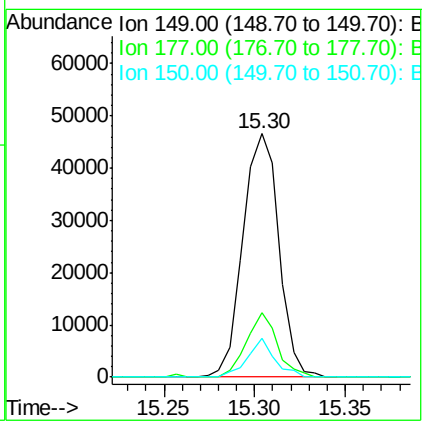


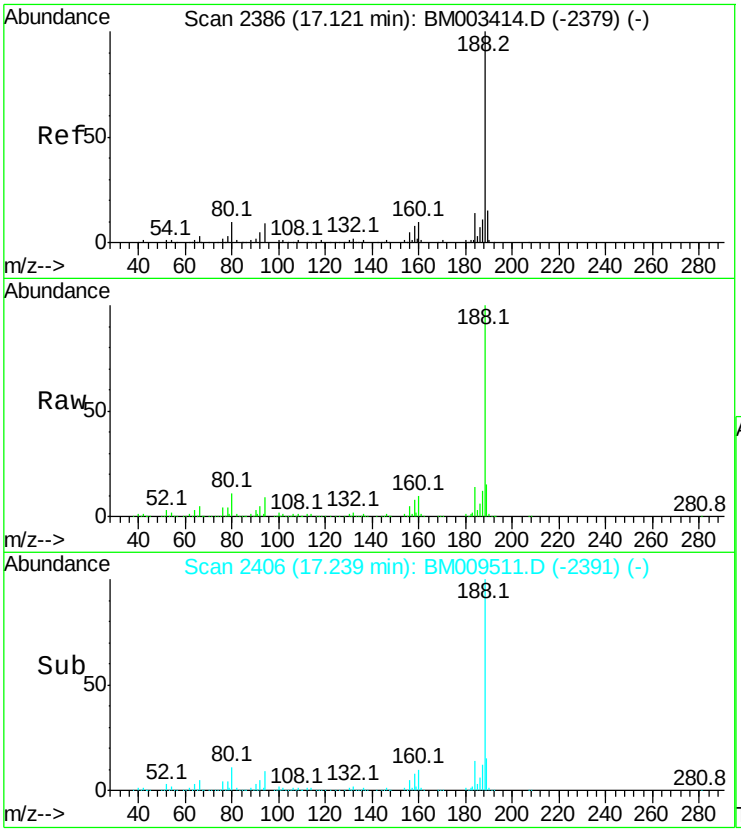


#59
Diethylphthalate
Concen: 3.42 ng
RT: 15.30 min Scan# 2077
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:149 Resp: 64205

Ion	Ratio	Lower	Upper
149	100		
177	26.6	18.3	27.5
150	16.1	9.8	14.8#



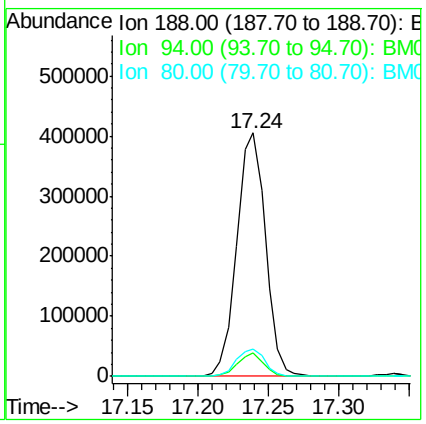


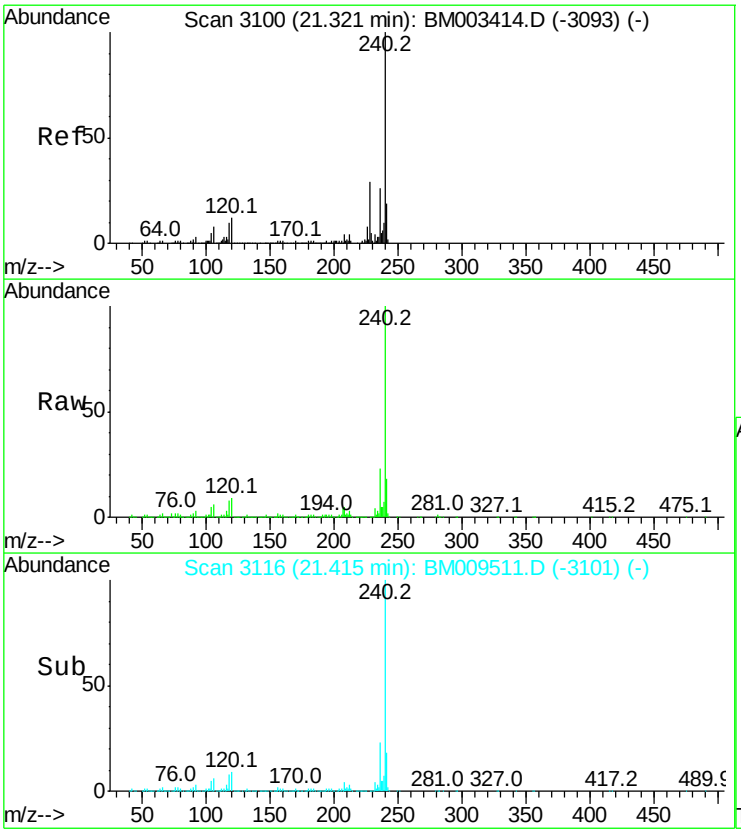
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tgt Ion:188 Resp: 576061

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.7	13.1
80	11.4	9.3	13.9

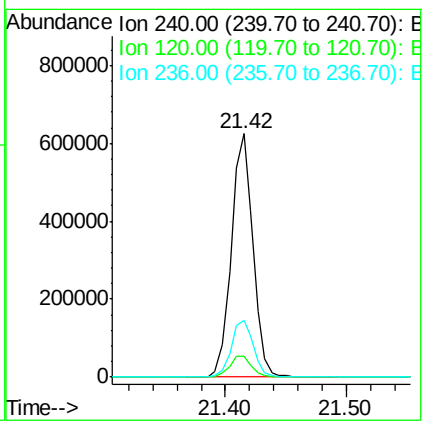


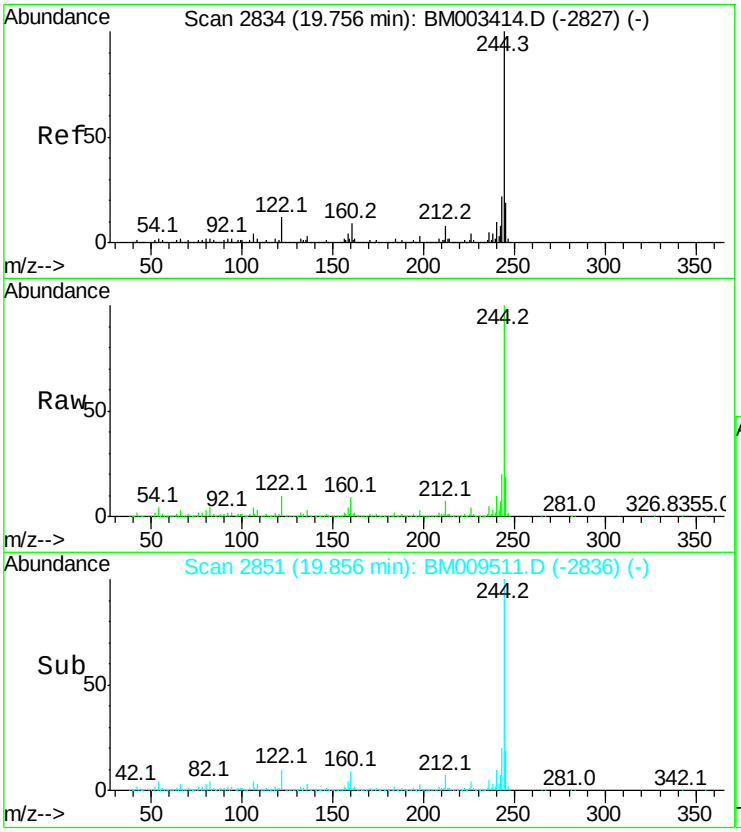


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:240 Resp: 778756

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.2	12.2
236	23.4	20.0	30.0



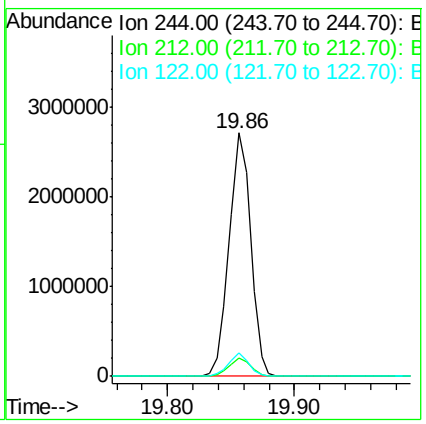


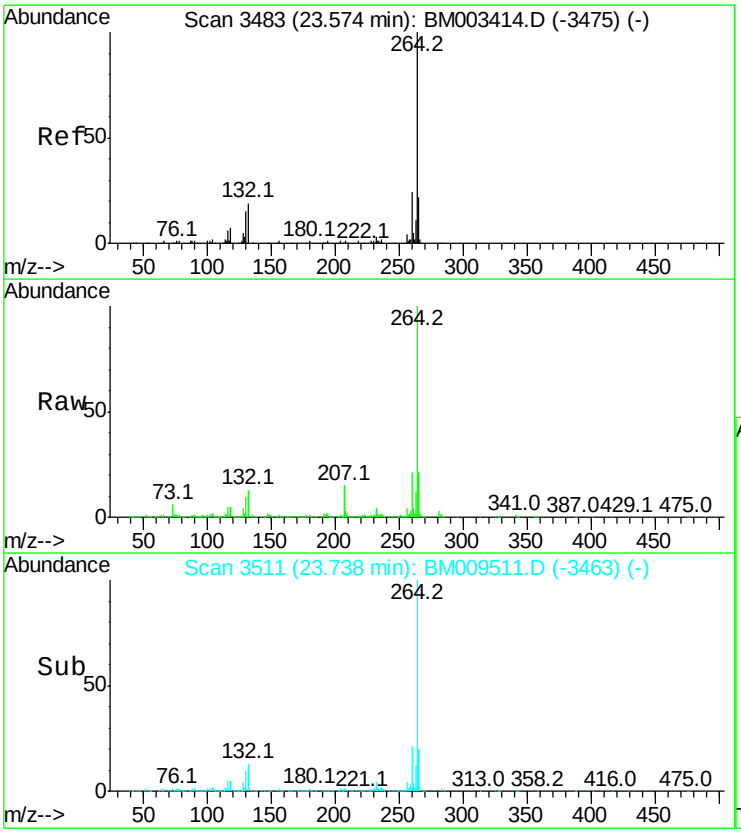
#78
Terphenyl-d14
Concen: 85.57 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Instrument :
BNA_M
ClientSampleId :
WC-B58-B59-001

Tgt Ion:244 Resp: 3189138

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	9.5	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009511.D
Acq: 03 Apr 2017 21:41

Tgt Ion:264 Resp: 730152

Ion	Ratio	Lower	Upper
264	100		
260	21.0	18.6	27.8
265	20.9	17.3	25.9