Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010049.D
Acq On : 15 May 2017 20:43
Operator : SJ/MA
Sample : I3123-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DEBRIS-DRUMS-COMP

Quant Time: May 16 05:02:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	44893	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	173381	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	89122	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	199220	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	257694	20.00	ng	-0.03
86) Perylene-d12	23.64	264	228495	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	434487	151.46	ng	-0.02
7) Phenol-d6	6.94	99	575277	125.15	ng	-0.03
23) Nitrobenzene-d5	8.93	82	519680	109.54	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	161892	132.73	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	719521	107.97	ng	-0.03
78) Terphenyl-d14	19.79	244	1075733	87.98	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.60	128	55756	5.84	ng	# 92
37) 2-Methylnaphthalene	12.22	142	38328	5.61	ng	# 66

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

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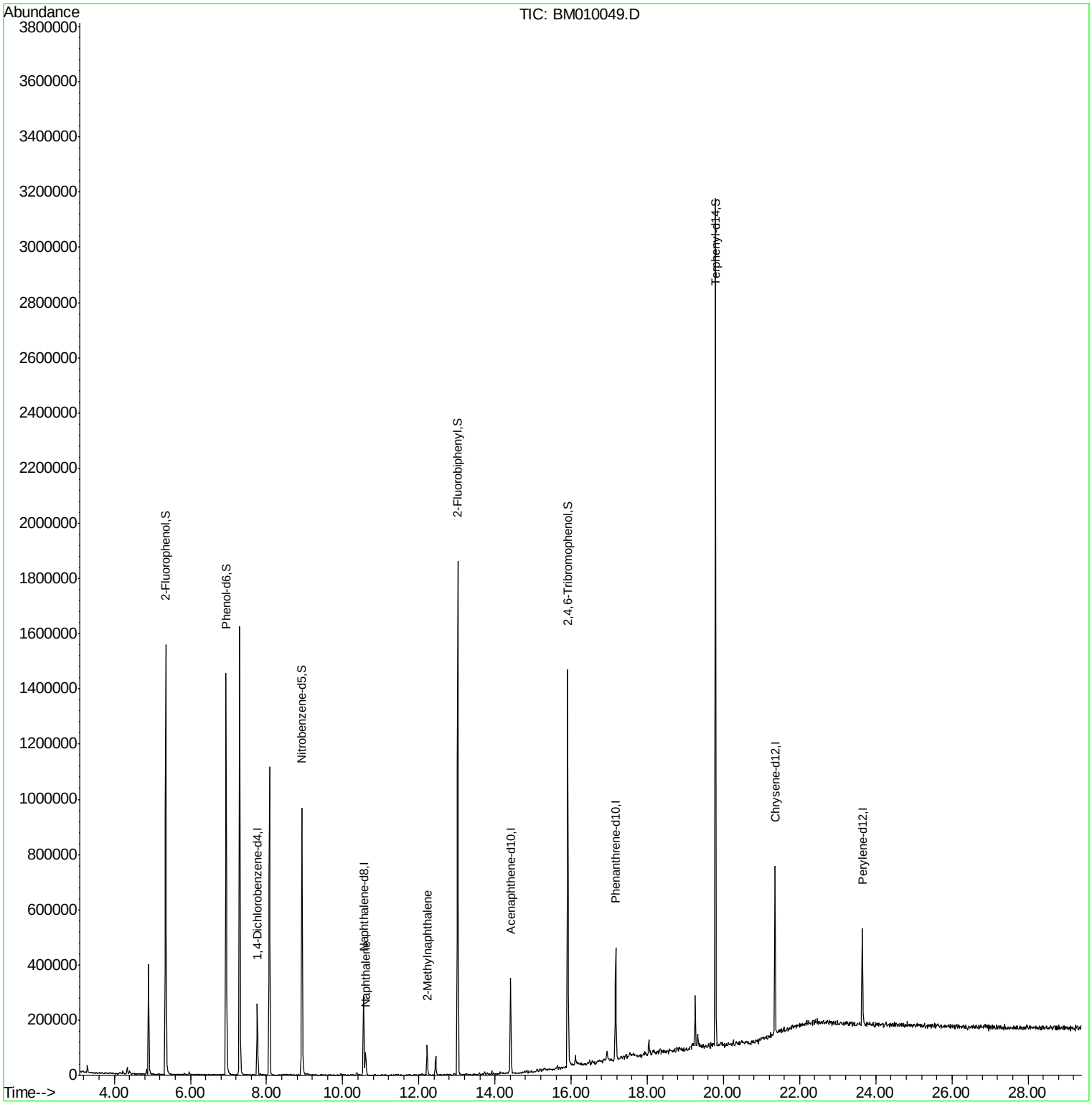
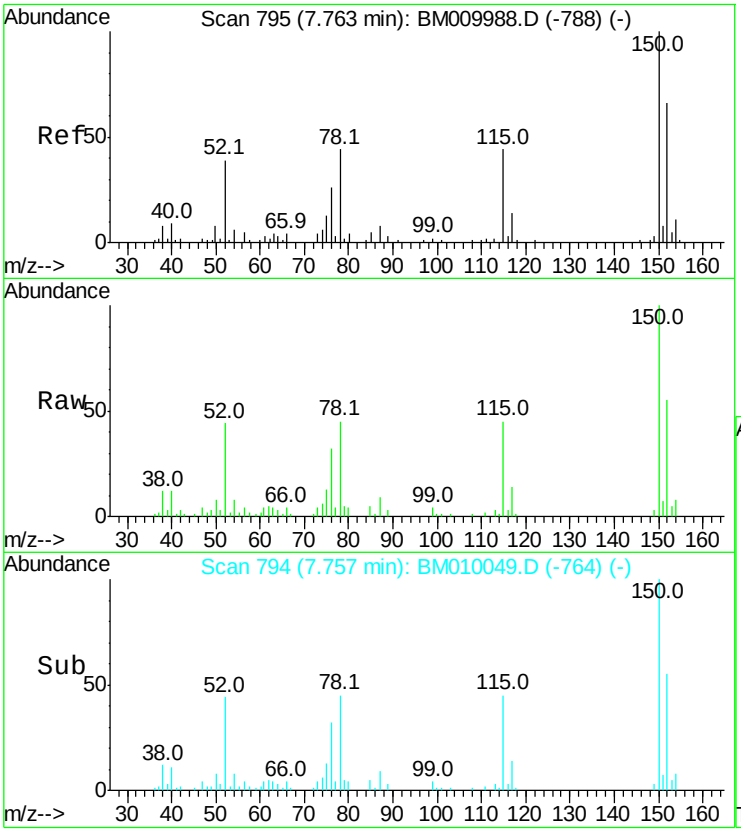


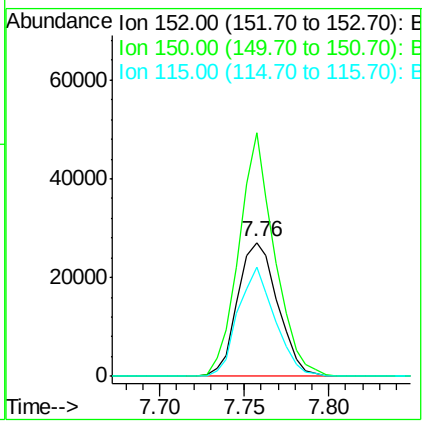


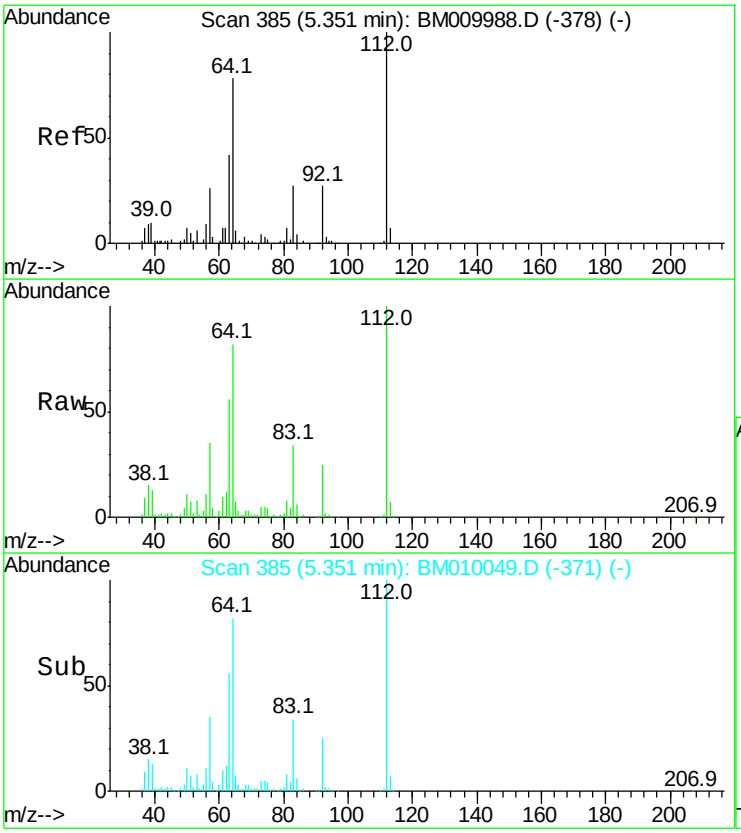
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Instrument :
BNA_M
ClientSampleId :
DEBRIS-DRUMS-COMP

Tgt Ion:152 Resp: 44893

Ion	Ratio	Lower	Upper
152	100		
150	182.0	119.5	179.3#
115	81.7	43.0	64.4#

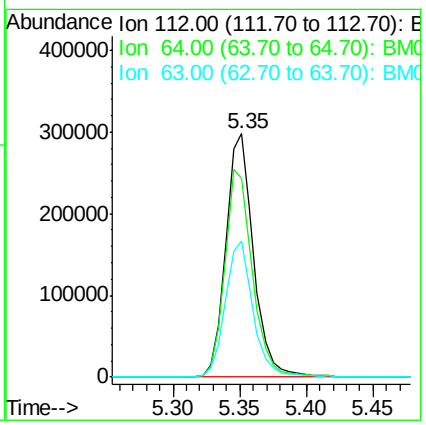


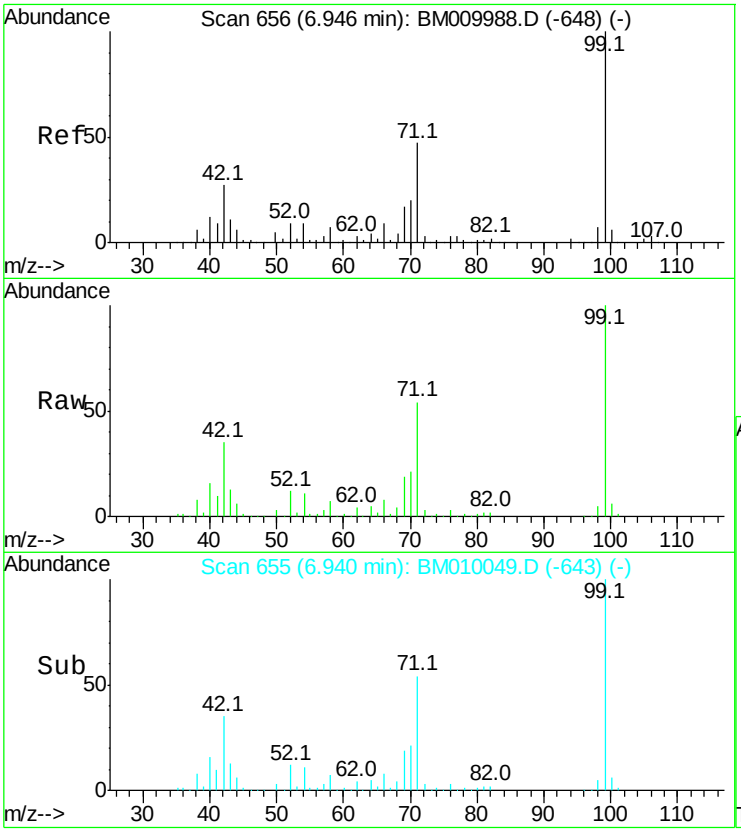


#5
2-Fluorophenol
Concen: 151.46 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Tgt Ion:112 Resp: 434487

Ion	Ratio	Lower	Upper
112	100		
64	81.9	38.6	57.8#
63	56.0	19.3	28.9#



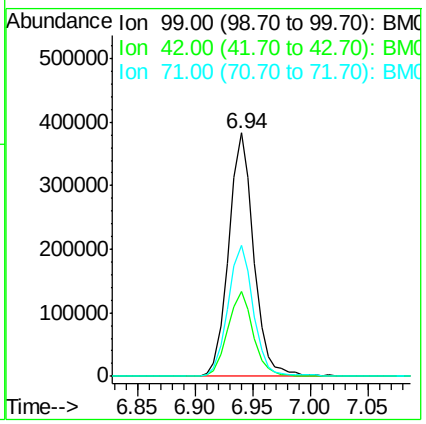


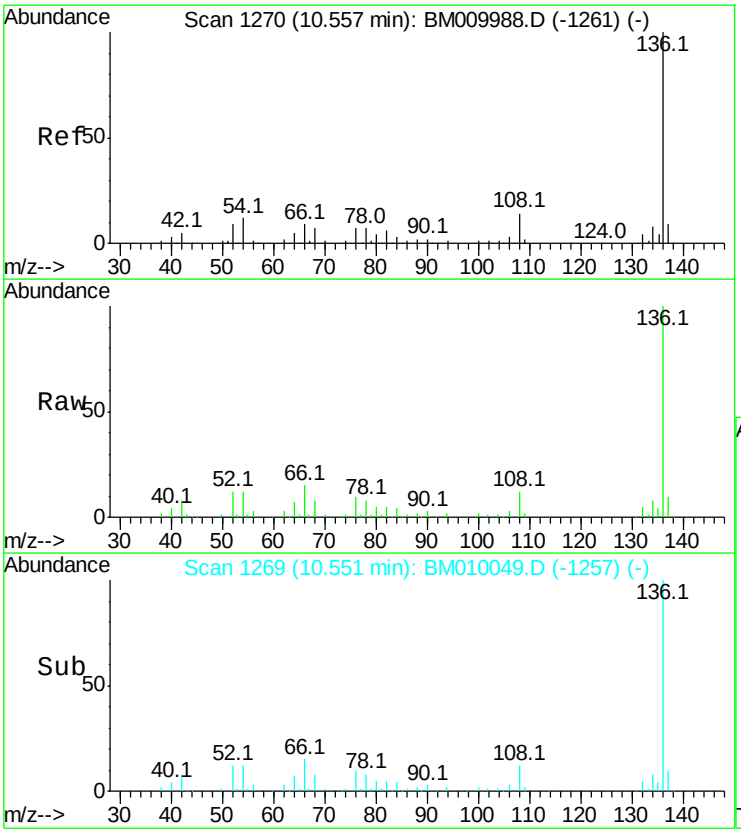
#7
Phenol-d6
Concen: 125.15 ng
RT: 6.94 min Scan# 655
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Instrument :
BNA_M
ClientSampleId :
DEBRIS-DRUMS-COMP

Tgt Ion: 99 Resp: 575277

Ion	Ratio	Lower	Upper
99	100		
42	34.9	11.0	16.4#
71	53.9	23.4	35.2#

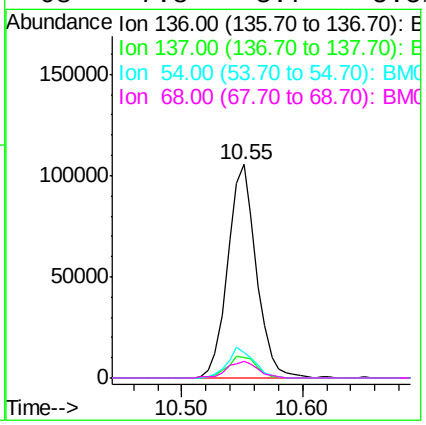


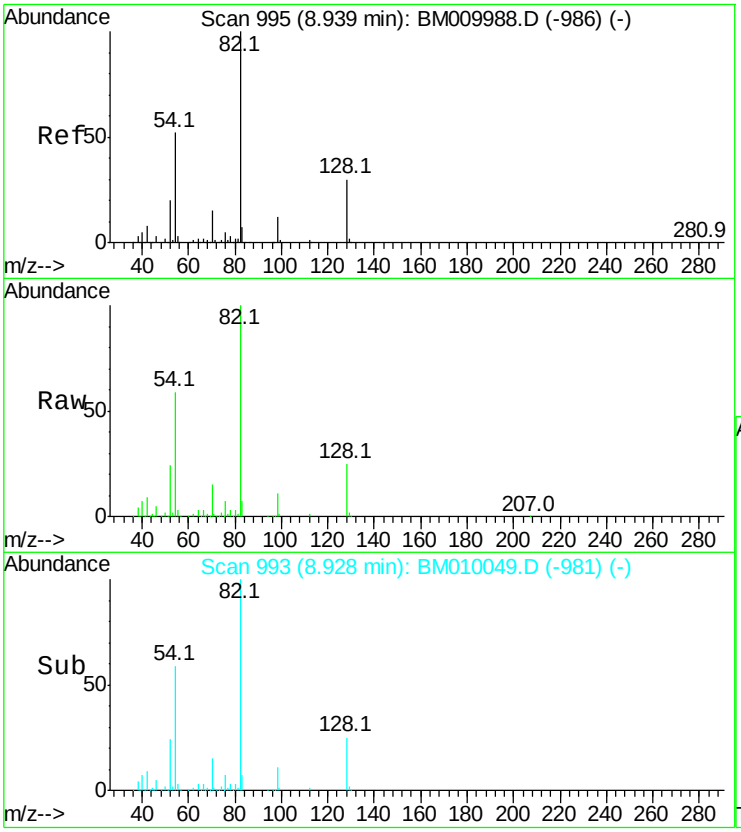


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Tgt Ion:136 Resp: 173381

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.7	13.1
54	12.3	4.6	6.8#
68	7.8	3.7	5.5#



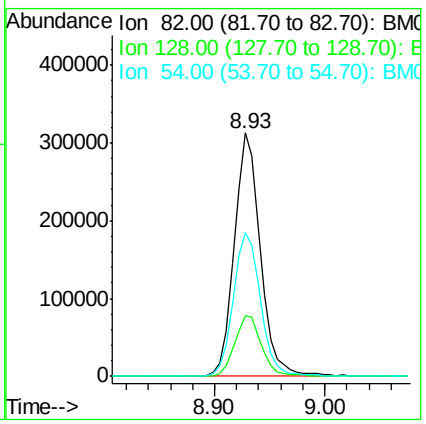


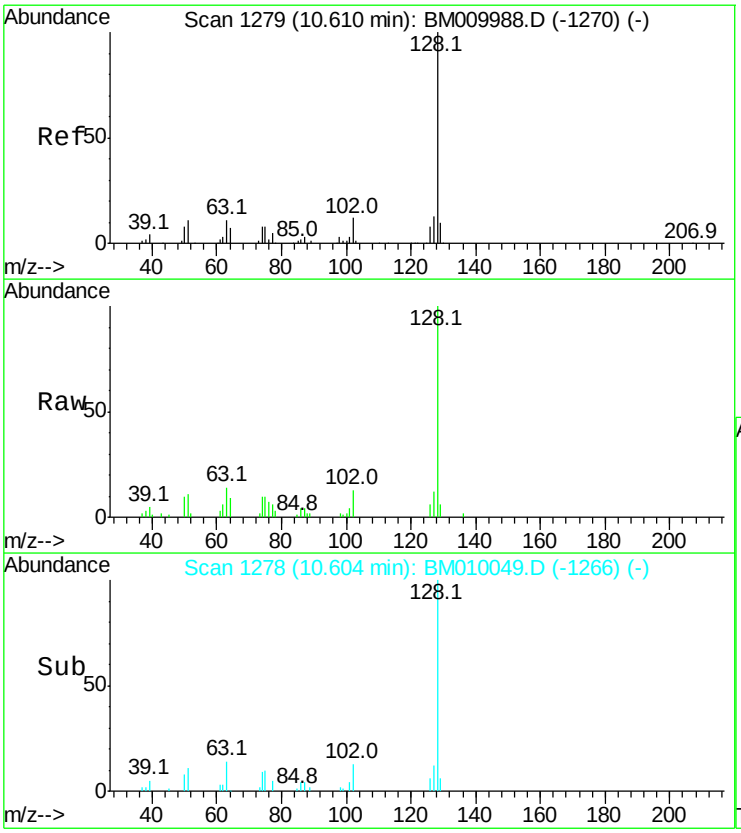
#23
Nitrobenzene-d5
Concen: 109.54 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Instrument :
BNA_M
ClientSampleId :
DEBRIS-DRUMS-COMP

Tgt Ion: 82 Resp: 519680

Ion	Ratio	Lower	Upper
82	100		
128	25.1	32.8	49.2#
54	59.1	40.6	60.8

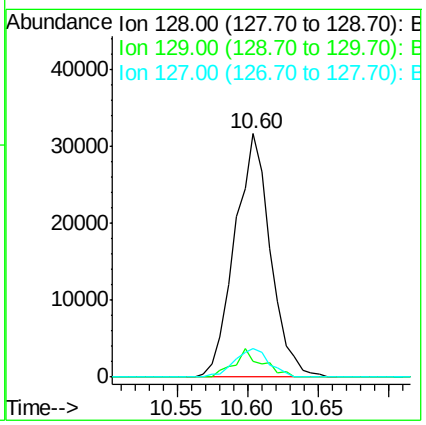


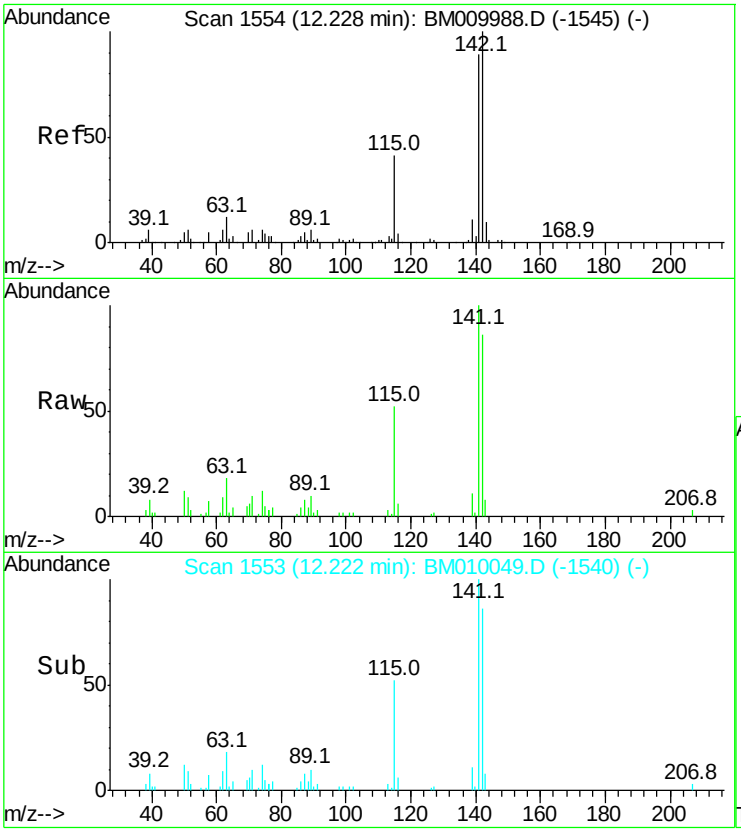


#31
Naphthalene
Concen: 5.84 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Tgt Ion:128 Resp: 55756

Ion	Ratio	Lower	Upper
128	100		
129	6.4	8.9	13.3#
127	11.6	10.4	15.6



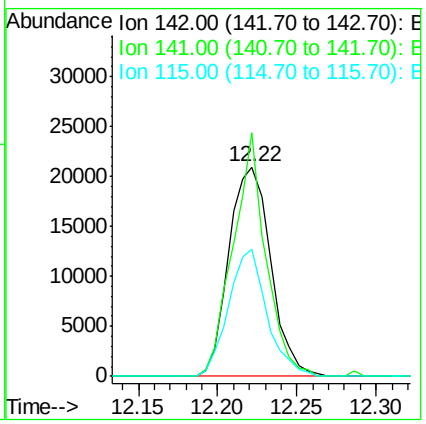


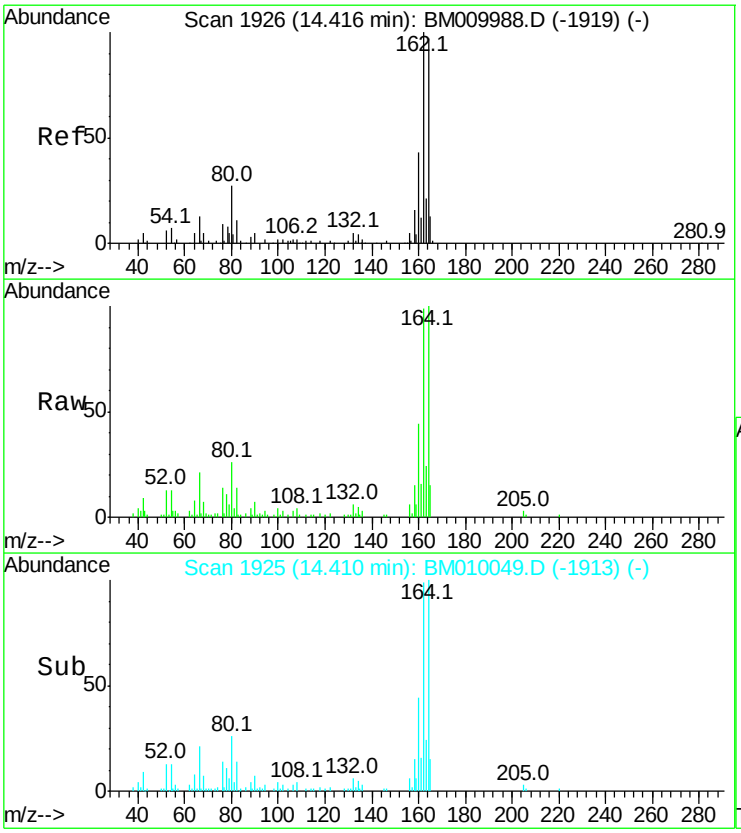
#37
2-Methylnaphthalene
Concen: 5.61 ng
RT: 12.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Instrument :
BNA_M
ClientSampleId :
DEBRIS-DRUMS-COMP

Tgt Ion:142 Resp: 38328

Ion	Ratio	Lower	Upper
142	100		
141	116.2	71.9	107.9#
115	60.5	25.4	38.0#

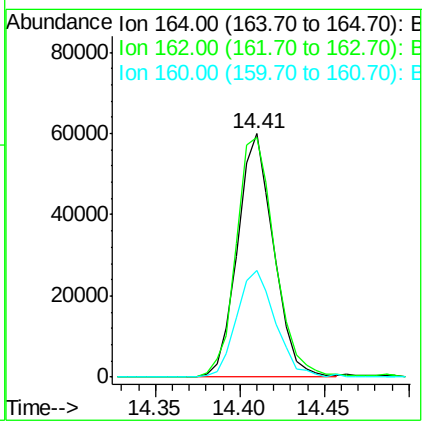


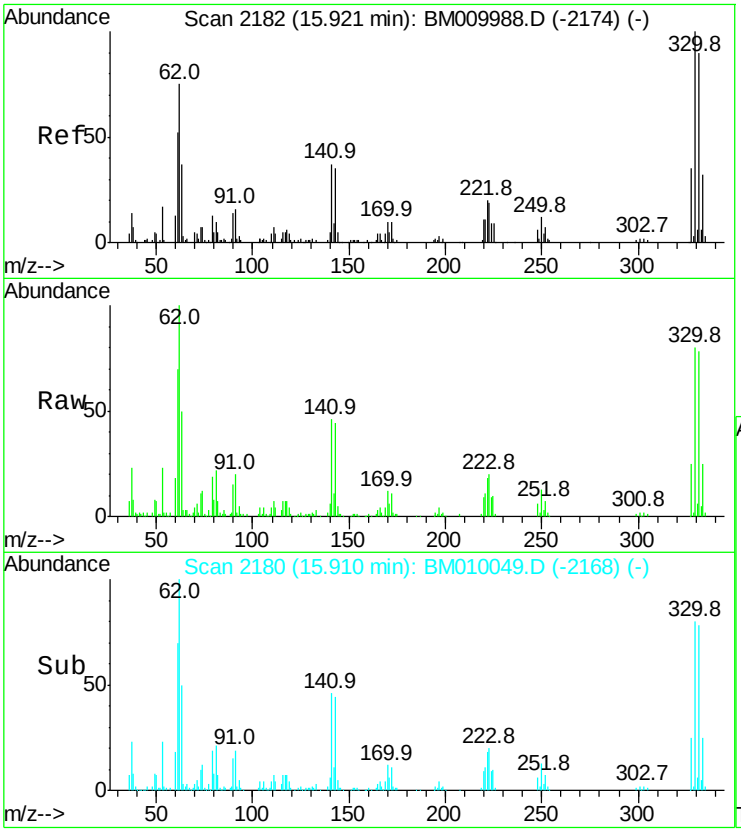


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Tgt Ion:164 Resp: 89122

Ion	Ratio	Lower	Upper
164	100		
162	98.6	82.4	123.6
160	43.7	35.8	53.6



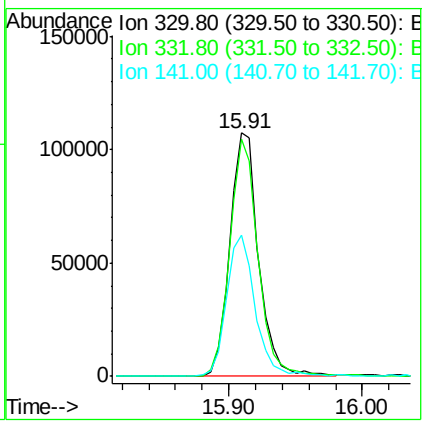


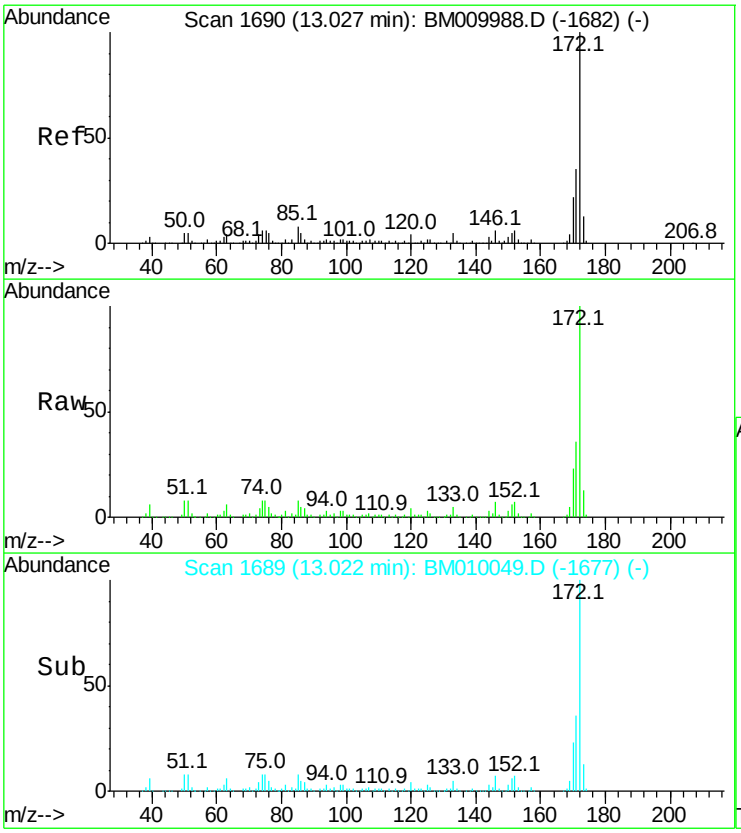
#41
2,4,6-Tribromophenol
Concen: 132.73 ng
RT: 15.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Instrument :
BNA_M
ClientSampleId :
DEBRIS-DRUMS-COMP

Tgt Ion:330 Resp: 161892

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	57.7	0.0	0.0#

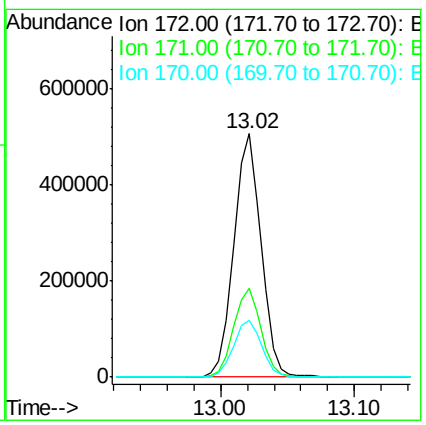


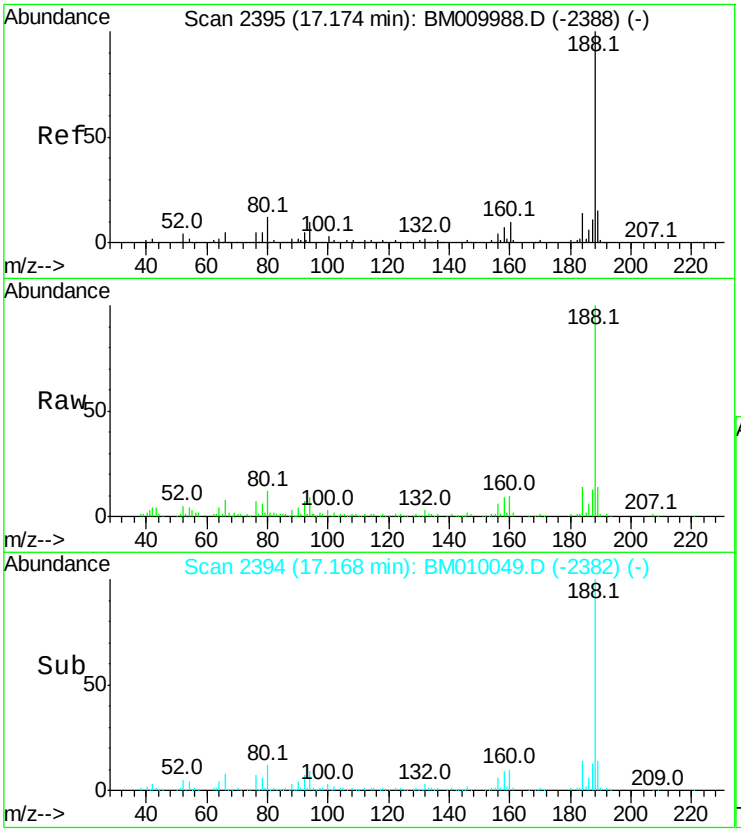


#44
2-Fluorobiphenyl
Concen: 107.97 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Tgt Ion:172 Resp: 719521

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.3	18.8	28.2



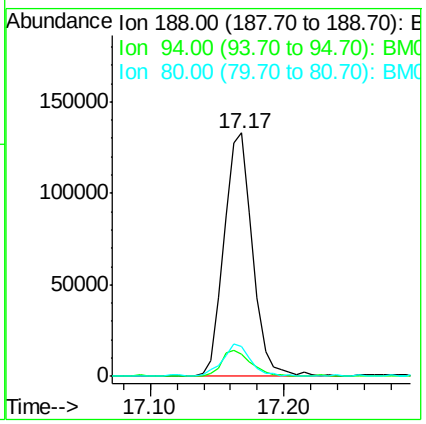


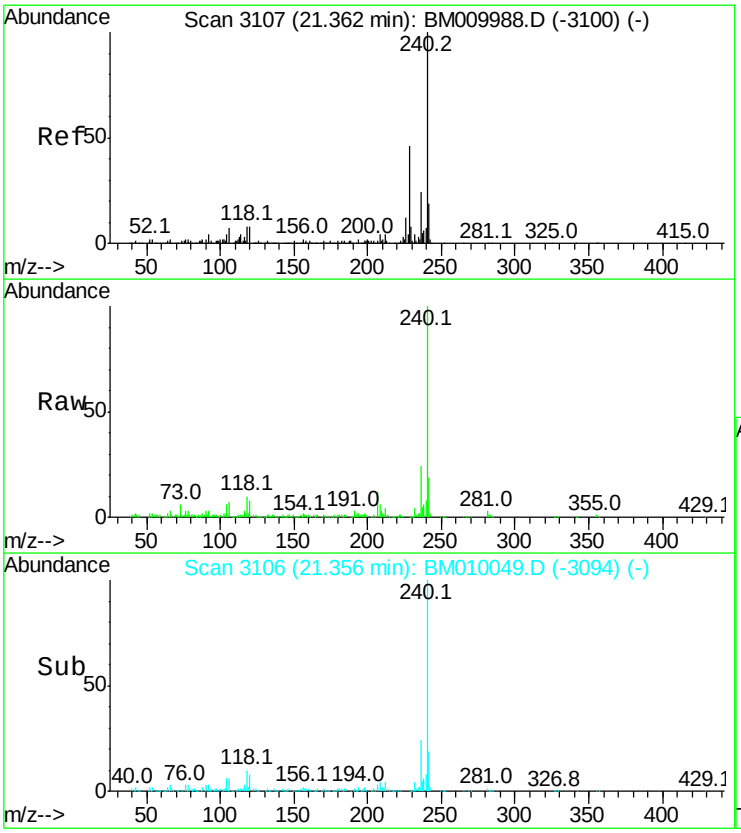
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Instrument :
BNA_M
ClientSampleId :
DEBRIS-DRUMS-COMP

Tgt Ion:188 Resp: 199220

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.7	13.1
80	12.5	9.3	13.9

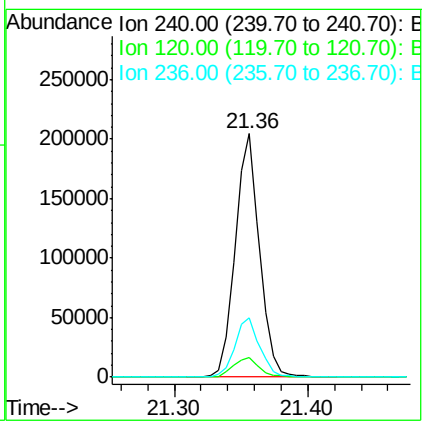


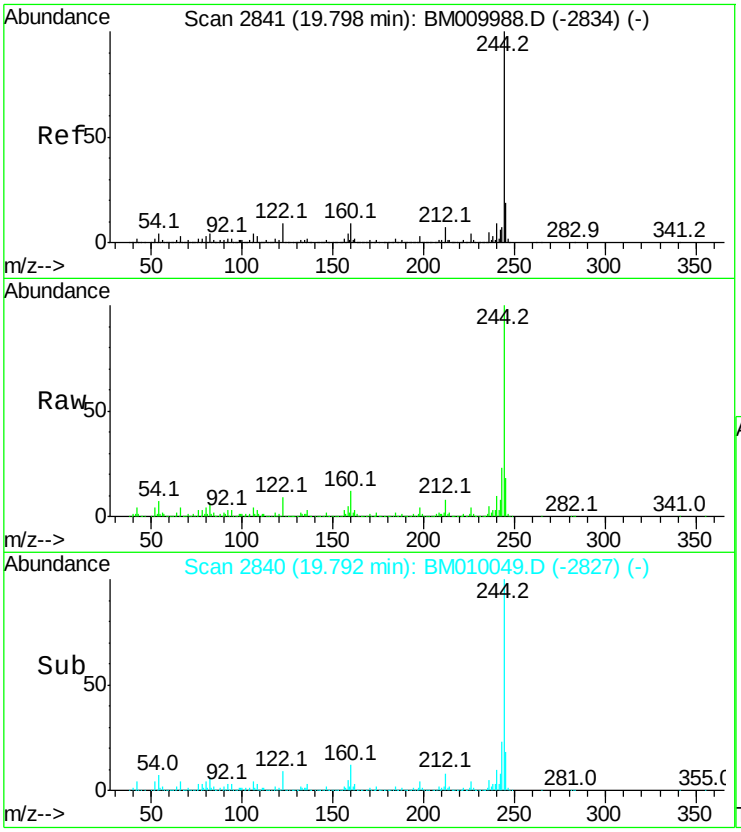


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Tgt Ion:240 Resp: 257694

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	24.2	20.0	30.0



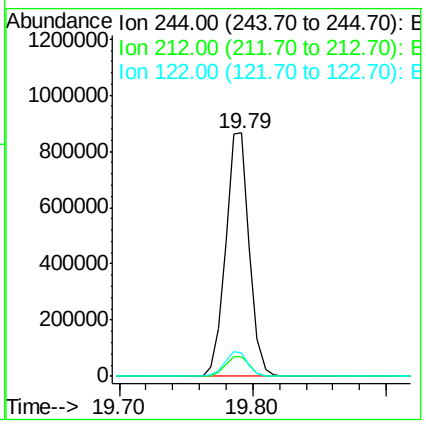


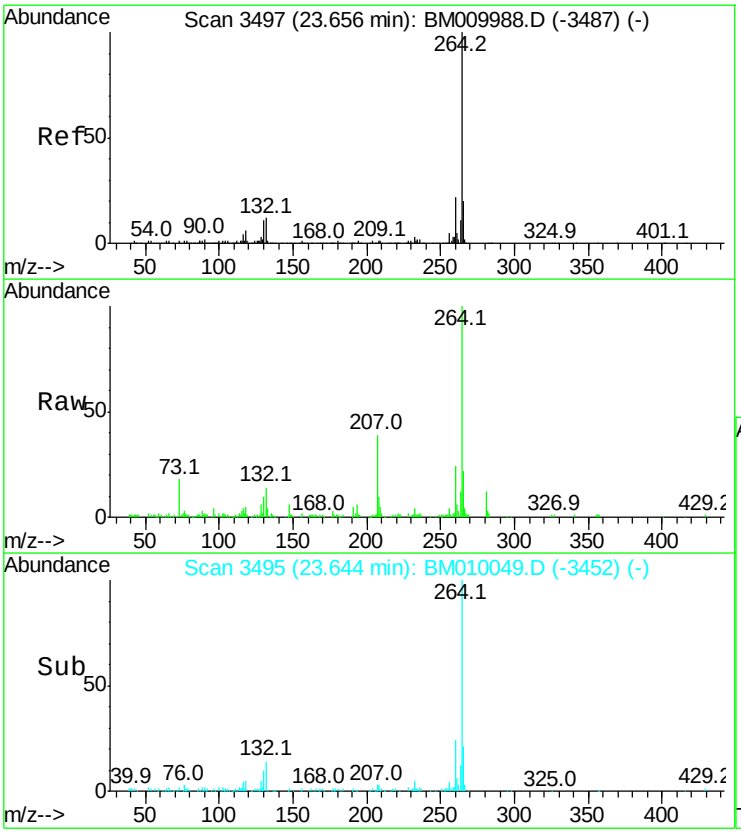
#78
Terphenyl-d14
Concen: 87.98 ng
RT: 19.79 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Instrument :
BNA_M
ClientSampleId :
DEBRIS-DRUMS-COMP

Tgt Ion:244 Resp: 1075733

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	9.4	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.05 min
Lab File: BM010049.D
Acq: 15 May 2017 20:43

Tgt Ion:264 Resp: 228495

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.3	17.3	25.9