Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009440.D
Acq On : 29 Mar 2017 19:47
Operator : SJ/MA
Sample : I2437-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW30S-GW

Quant Time: Mar 30 01:01:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	146613	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	556658	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	317371	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	774360	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	1029648	20.00	ng		-0.01
86) Perylene-d12	23.74	264	978337	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	574552	65.32	ng		-0.01
7) Phenol-d6	7.00	99	481266	40.12	ng		-0.02
23) Nitrobenzene-d5	9.02	82	1376082	92.69	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	596714	151.35	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2439734	92.63	ng		-0.01
78) Terphenyl-d14	19.86	244	4108931	83.39	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	14.56	154	87137	4.32	ng		96
54) Dibenzofuran	14.89	168	81969	2.75	ng	#	87

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

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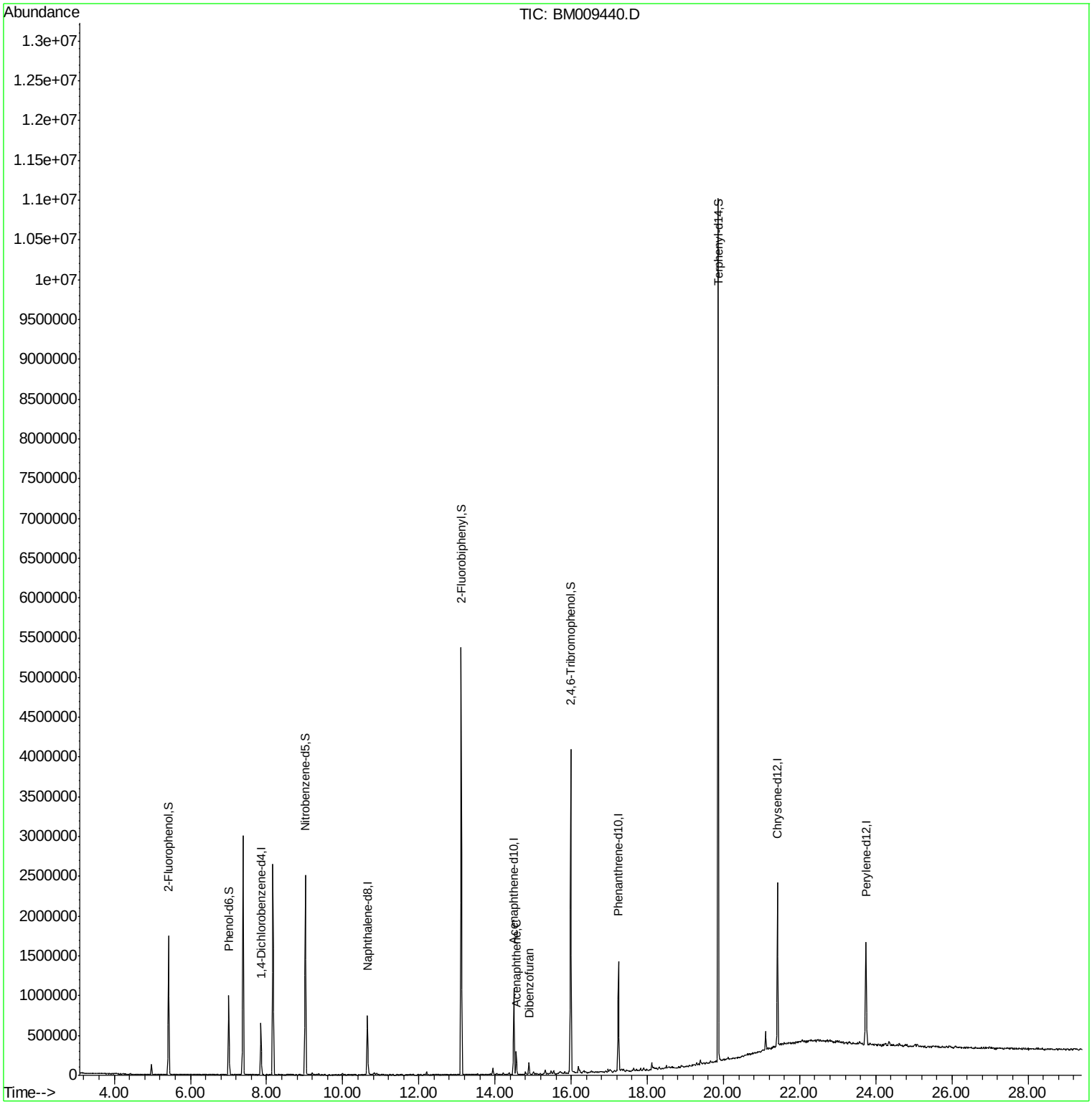
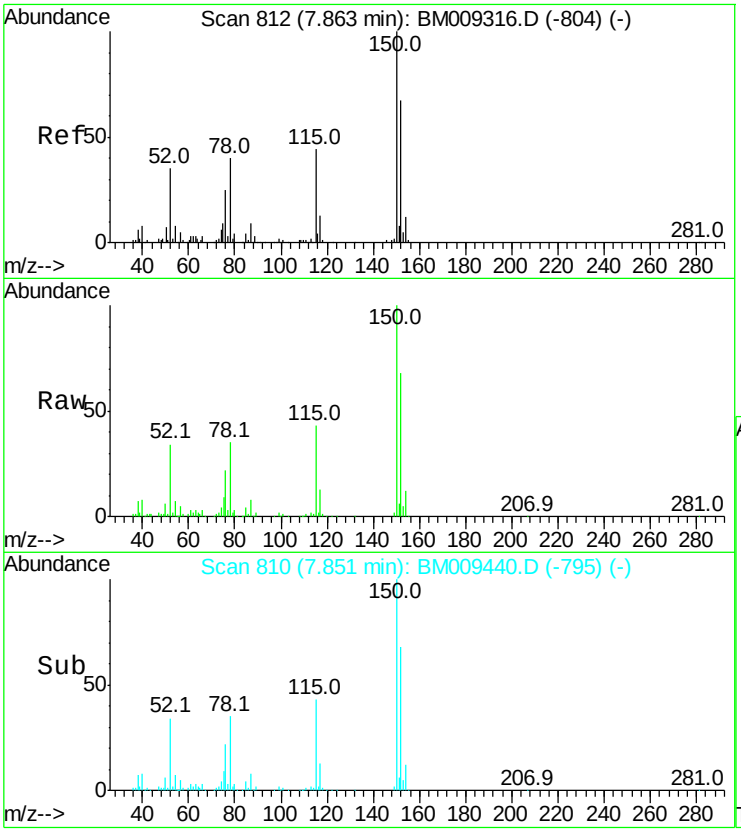


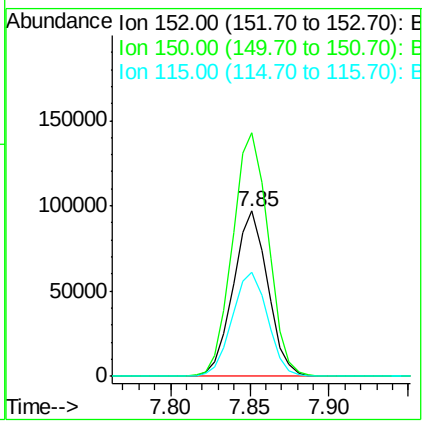


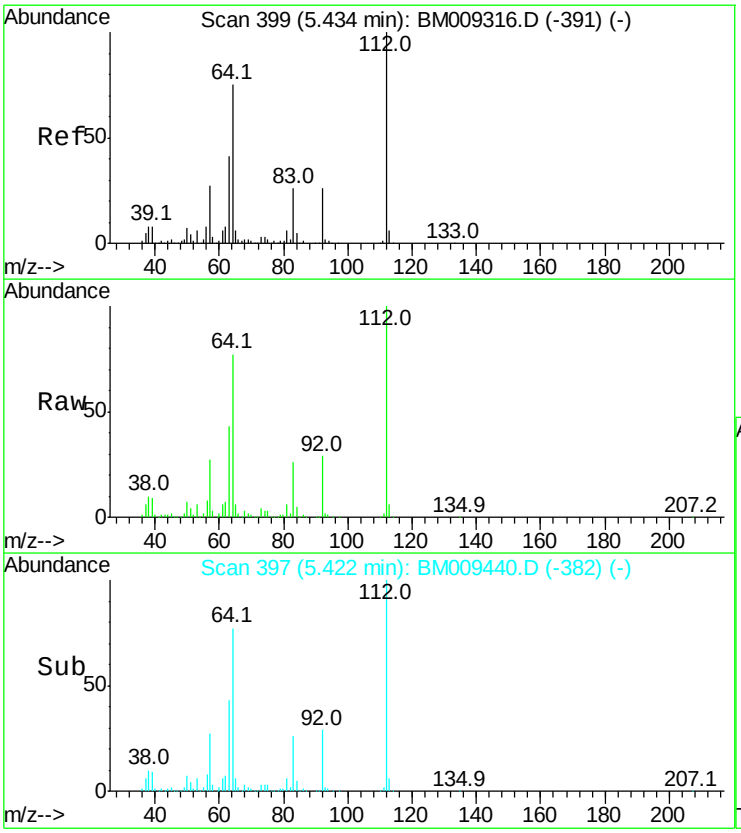
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:152 Resp: 146613

Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.5	179.3
115	62.8	43.0	64.4

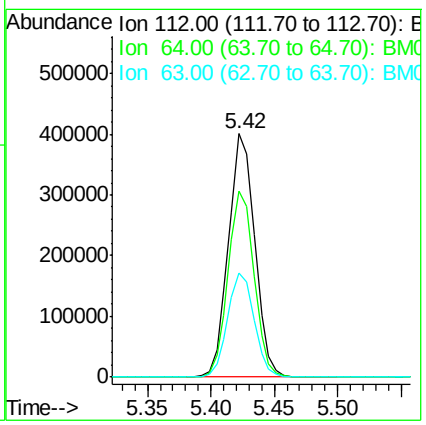


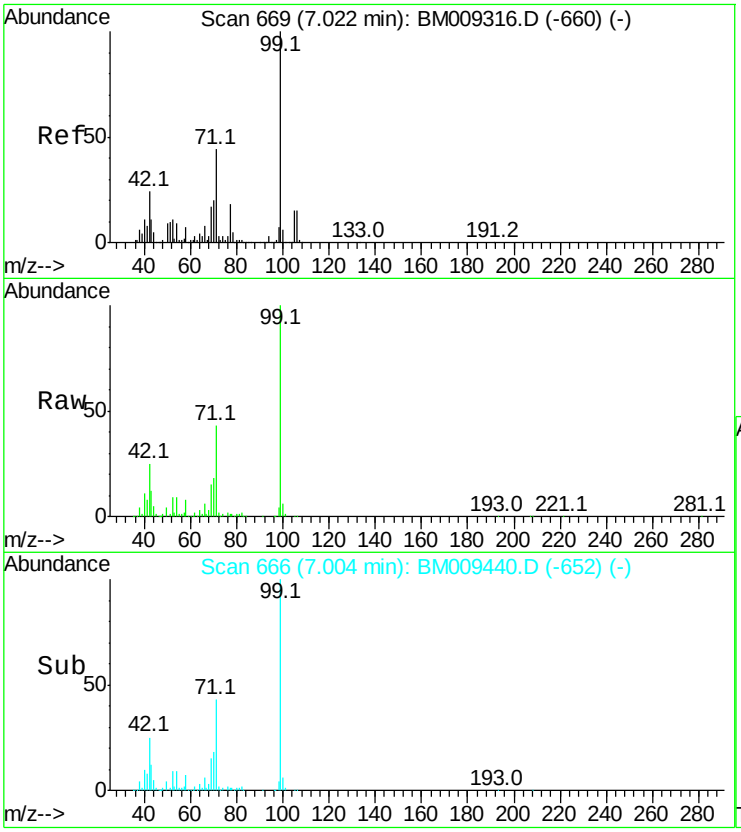


#5
2-Fluorophenol
Concen: 65.32 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:112 Resp: 574552

Ion	Ratio	Lower	Upper
112	100		
64	76.6	38.6	57.8#
63	42.7	19.3	28.9#



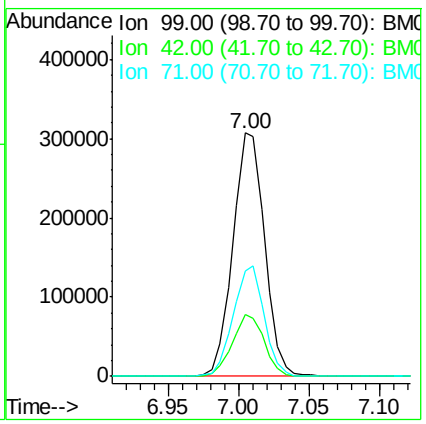


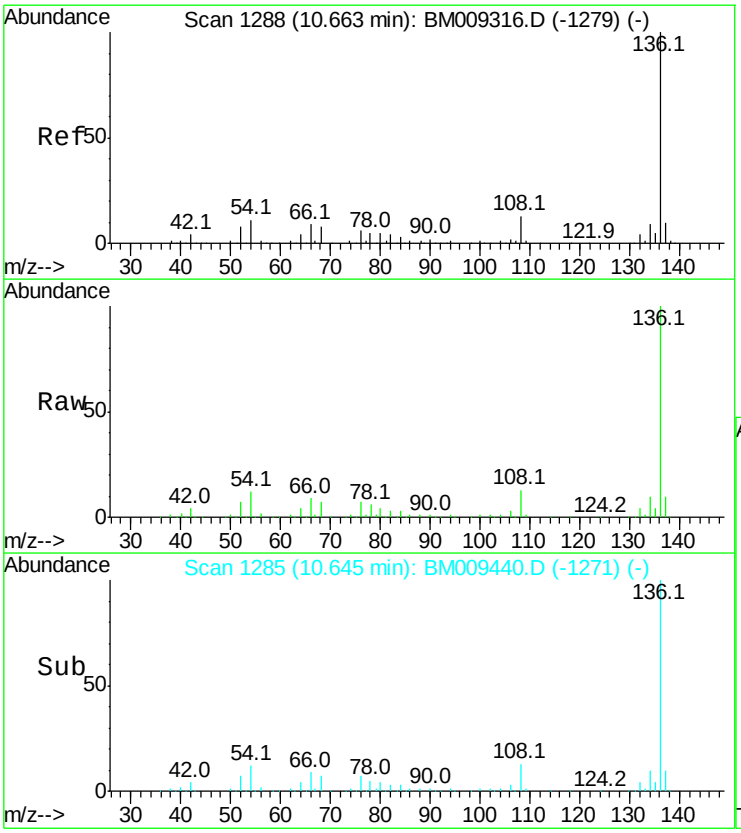
#7
Phenol-d6
Concen: 40.12 ng
RT: 7.00 min Scan# 666
Delta R.T. -0.02 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion: 99 Resp: 481266

Ion	Ratio	Lower	Upper
99	100		
42	25.5	11.0	16.4#
71	43.5	23.4	35.2#

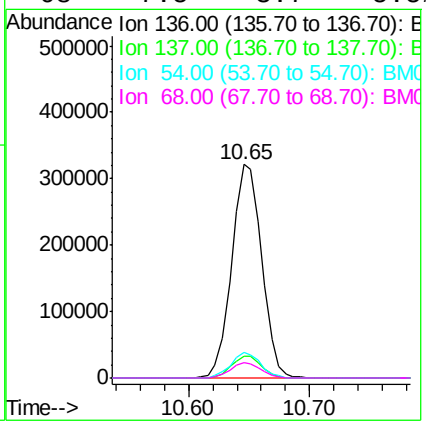


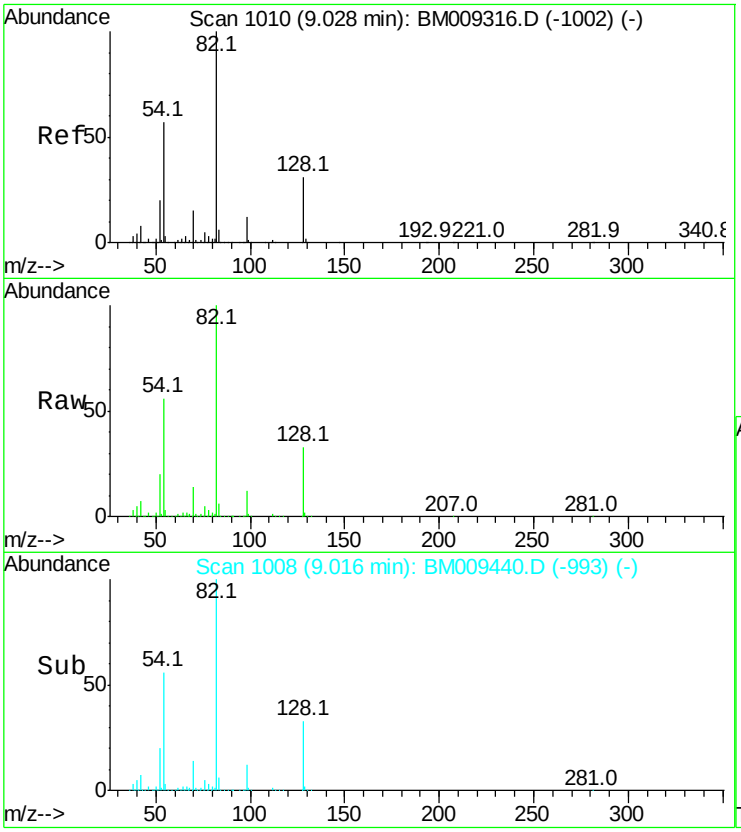


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:136 Resp: 556658

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	12.1	4.6	6.8#
68	7.5	3.7	5.5#



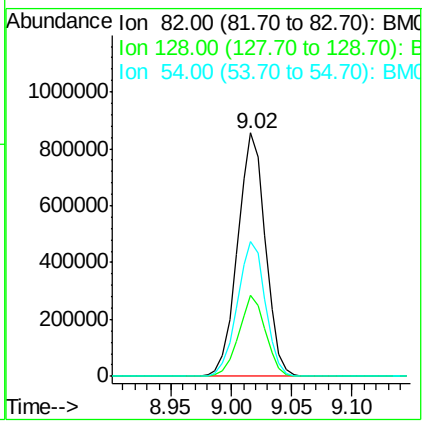


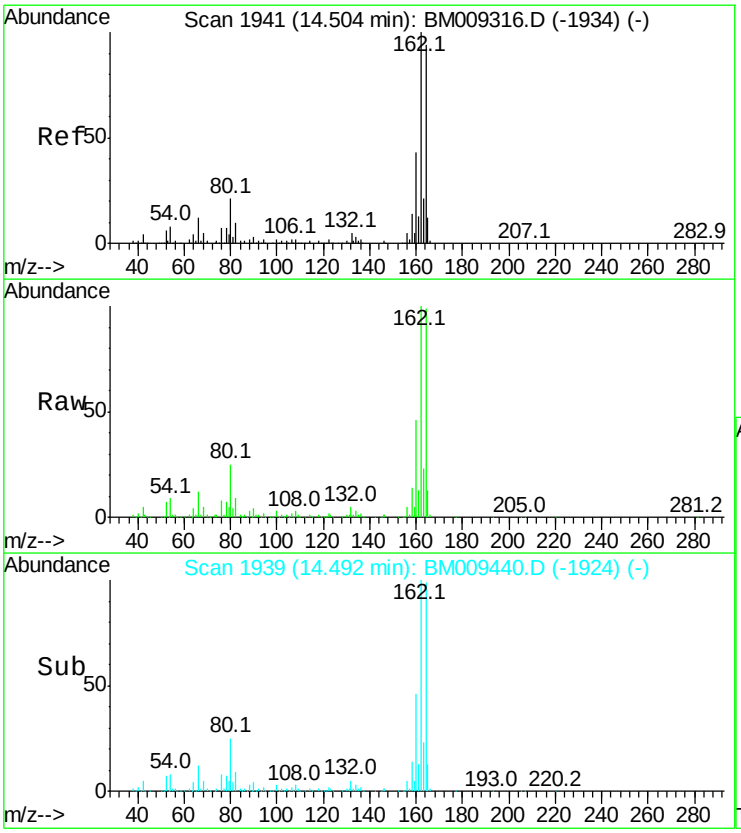
#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion: 82 Resp: 1376082

Ion	Ratio	Lower	Upper
82	100		
128	33.1	32.8	49.2
54	55.6	40.6	60.8

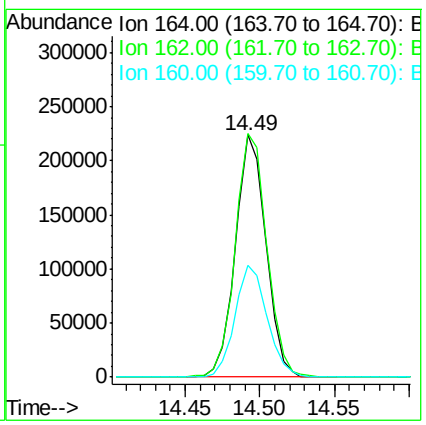


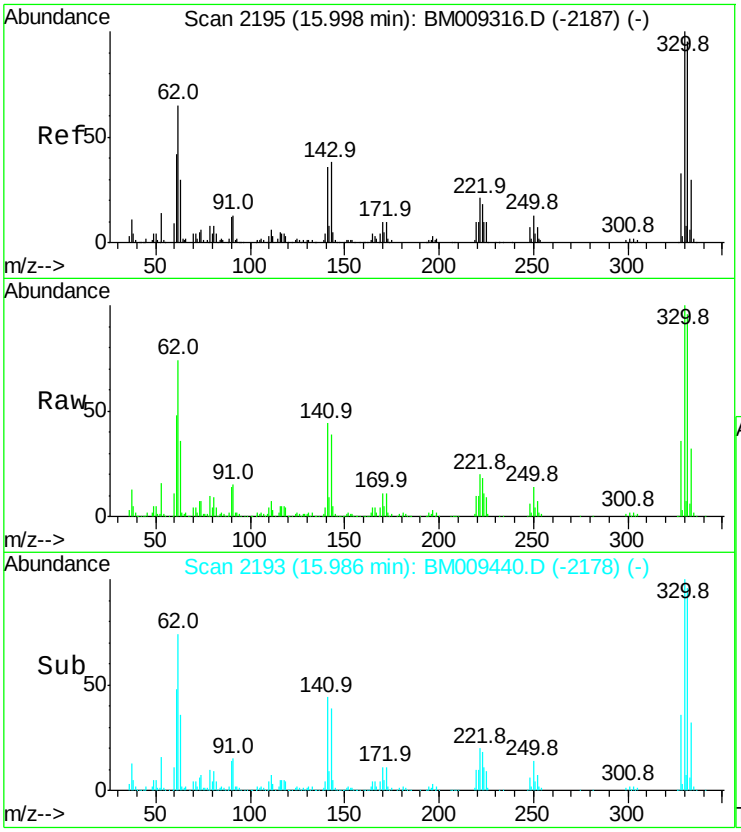


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:164 Resp: 317371

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	46.1	35.8	53.6



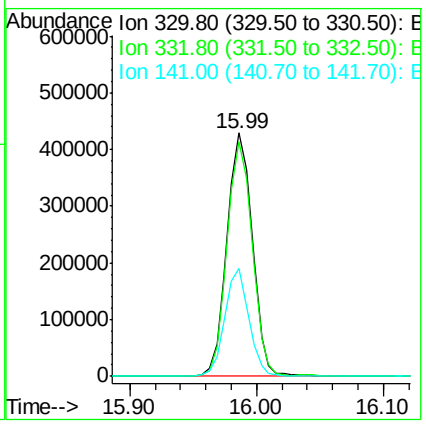


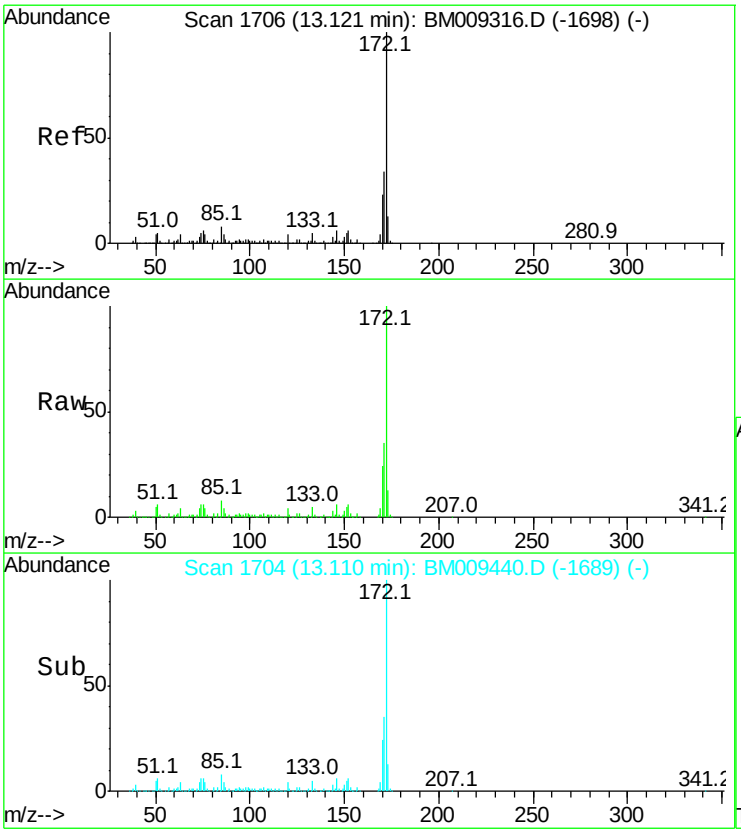
#41
2,4,6-Tribromophenol
Concen: 151.35 ng
RT: 15.99 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:330 Resp: 596714

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	42.2	0.0	0.0#

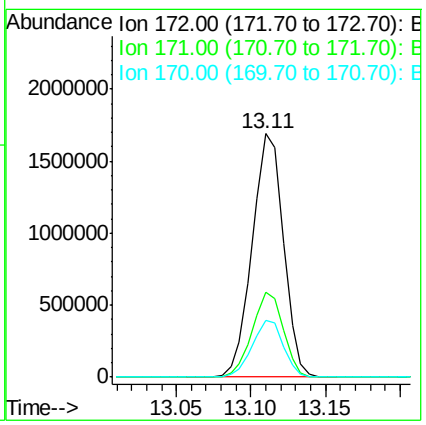


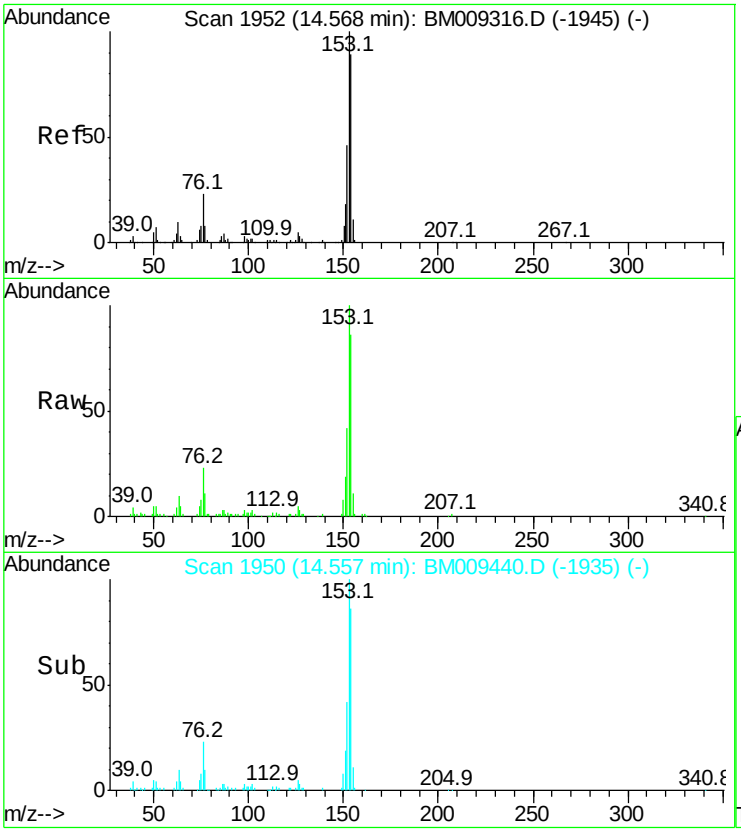


#44
2-Fluorobiphenyl
Concen: 92.63 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:172 Resp: 2439734

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.5	18.8	28.2



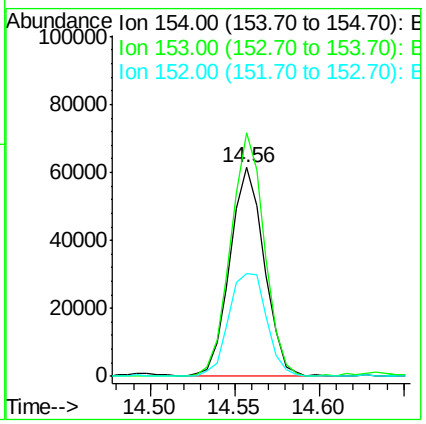


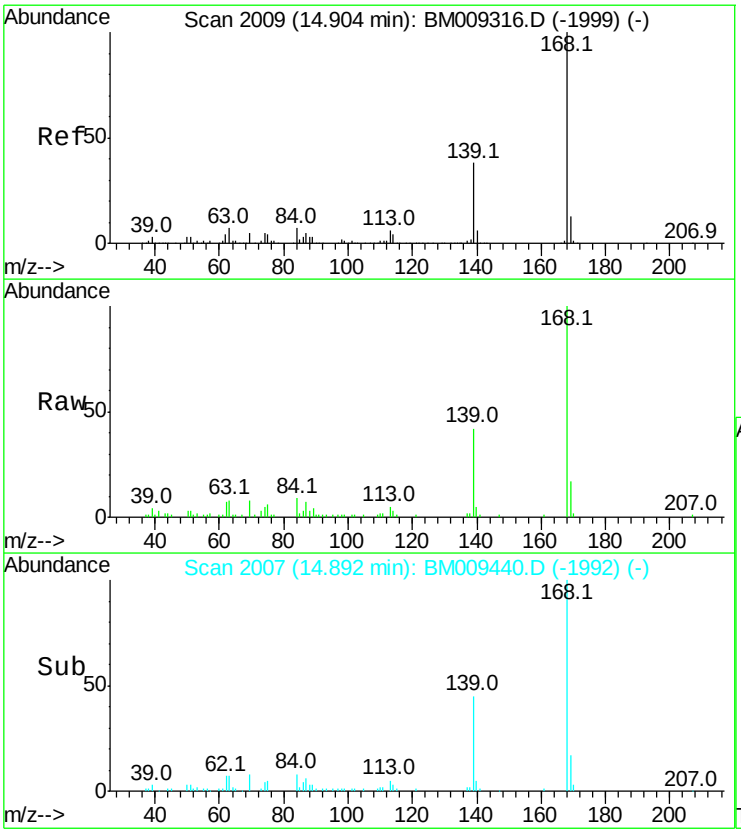
#51
Acenaphthene
Concen: 4.32 ng
RT: 14.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:154 Resp: 87137

Ion	Ratio	Lower	Upper
154	100		
153	116.8	90.0	135.0
152	49.6	42.6	63.8

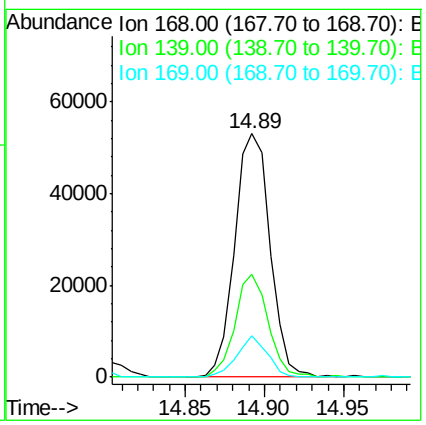


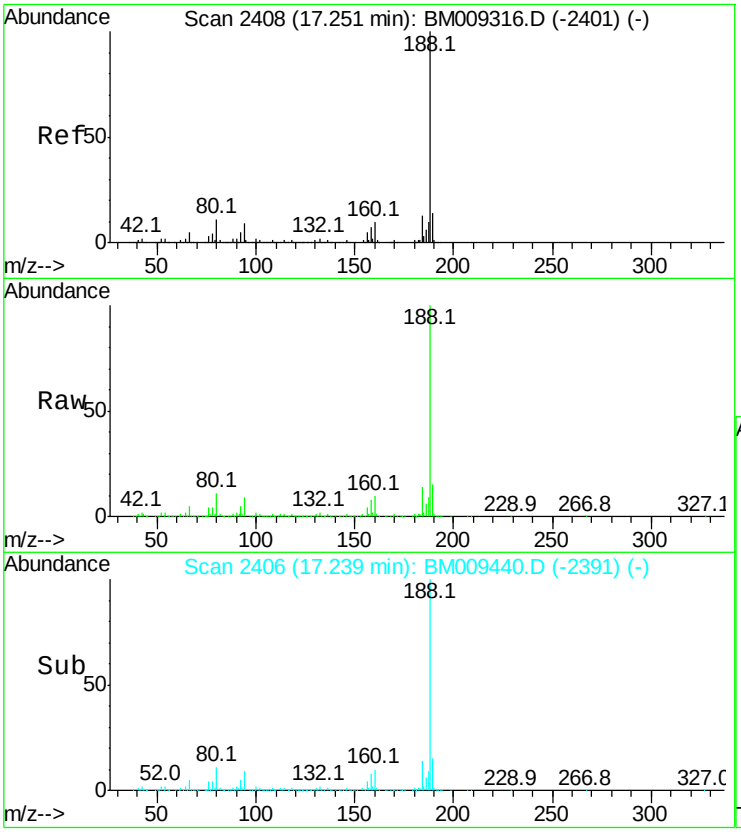


#54
Dibenzofuran
Concen: 2.75 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:168 Resp: 81969

Ion	Ratio	Lower	Upper
168	100		
139	42.4	27.3	40.9#
169	17.2	10.6	16.0#



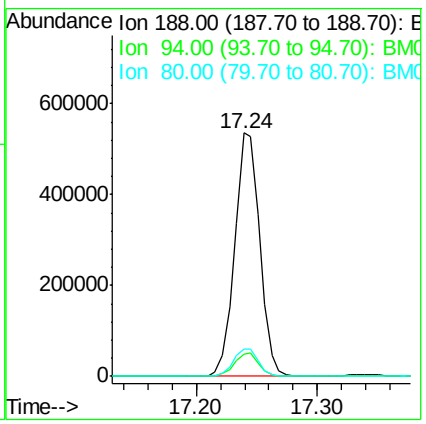


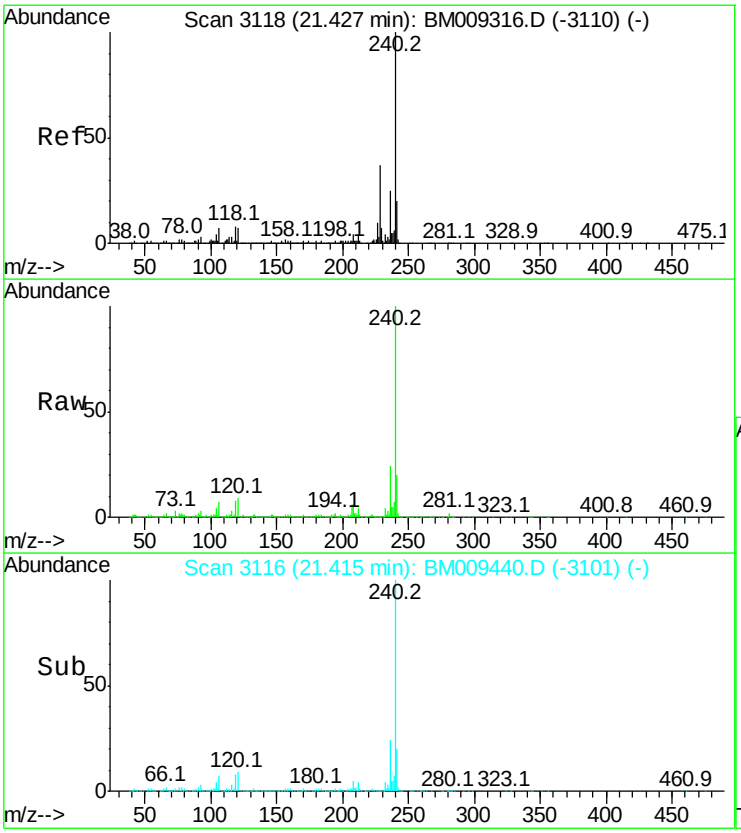
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:188 Resp: 774360

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.7	13.1
80	11.1	9.3	13.9

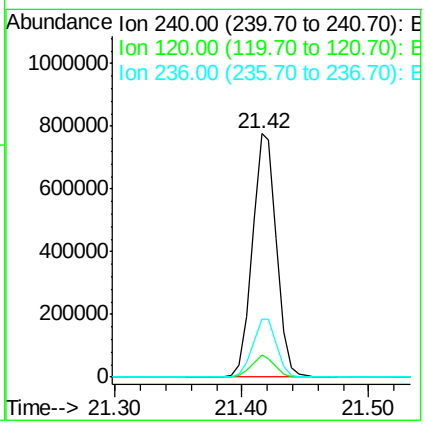


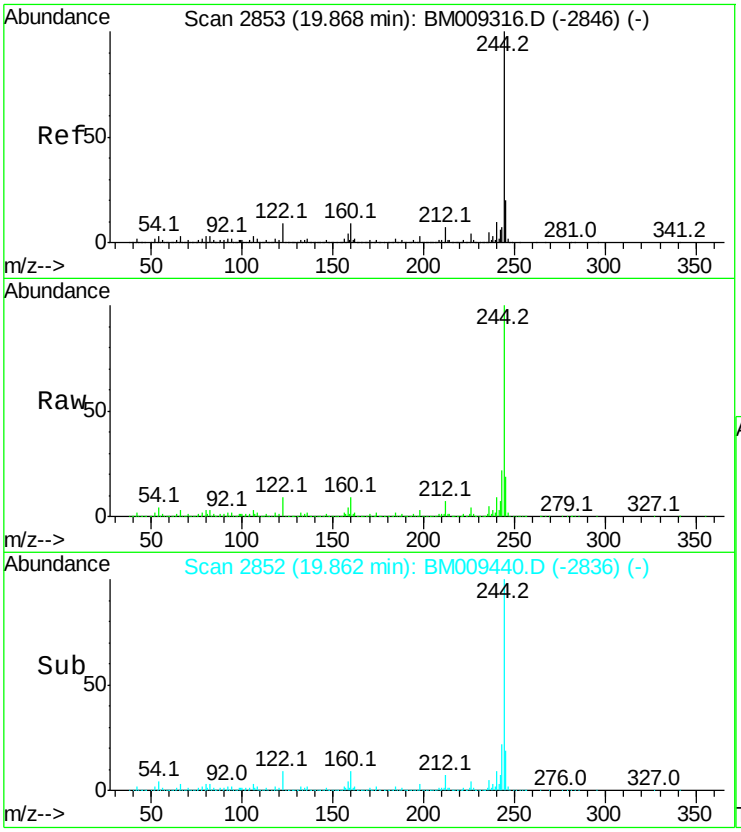


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:240 Resp: 1029648

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	23.8	20.0	30.0



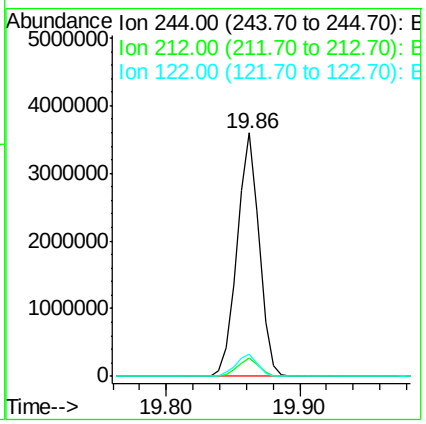


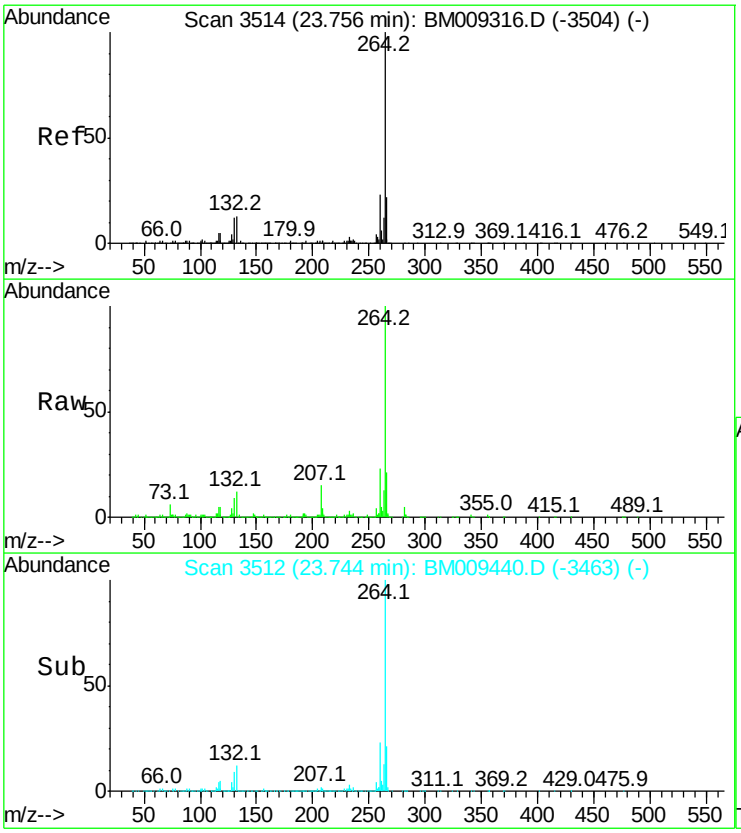
#78
Terphenyl-d14
Concen: 83.39 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30S-GW

Tgt Ion:244 Resp: 4108931

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	8.9	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM009440.D
Acq: 29 Mar 2017 19:47

Tgt Ion:264 Resp: 978337

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.5	17.3	25.9