Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009962.D
Acq On : 07 May 2017 04:03
Operator : SJ/MA
Sample : I2997-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWL-C5-GW

Quant Time: May 08 07:14:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	79028	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	324175	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	219662	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	562077	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	736841	20.00	ng	-0.02
86) Perylene-d12	23.67	264	591548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	262566	52.89	ng	-0.01
7) Phenol-d6	6.95	99	229030	30.10	ng	-0.02
23) Nitrobenzene-d5	8.94	82	735663	82.12	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	414893	138.29	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1337311	79.32	ng	-0.02
78) Terphenyl-d14	19.80	244	2561017	71.30	ng	-0.01
Target Compounds						Qvalue
57) Fluorene	15.47	166	48035	2.49	ng	97

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

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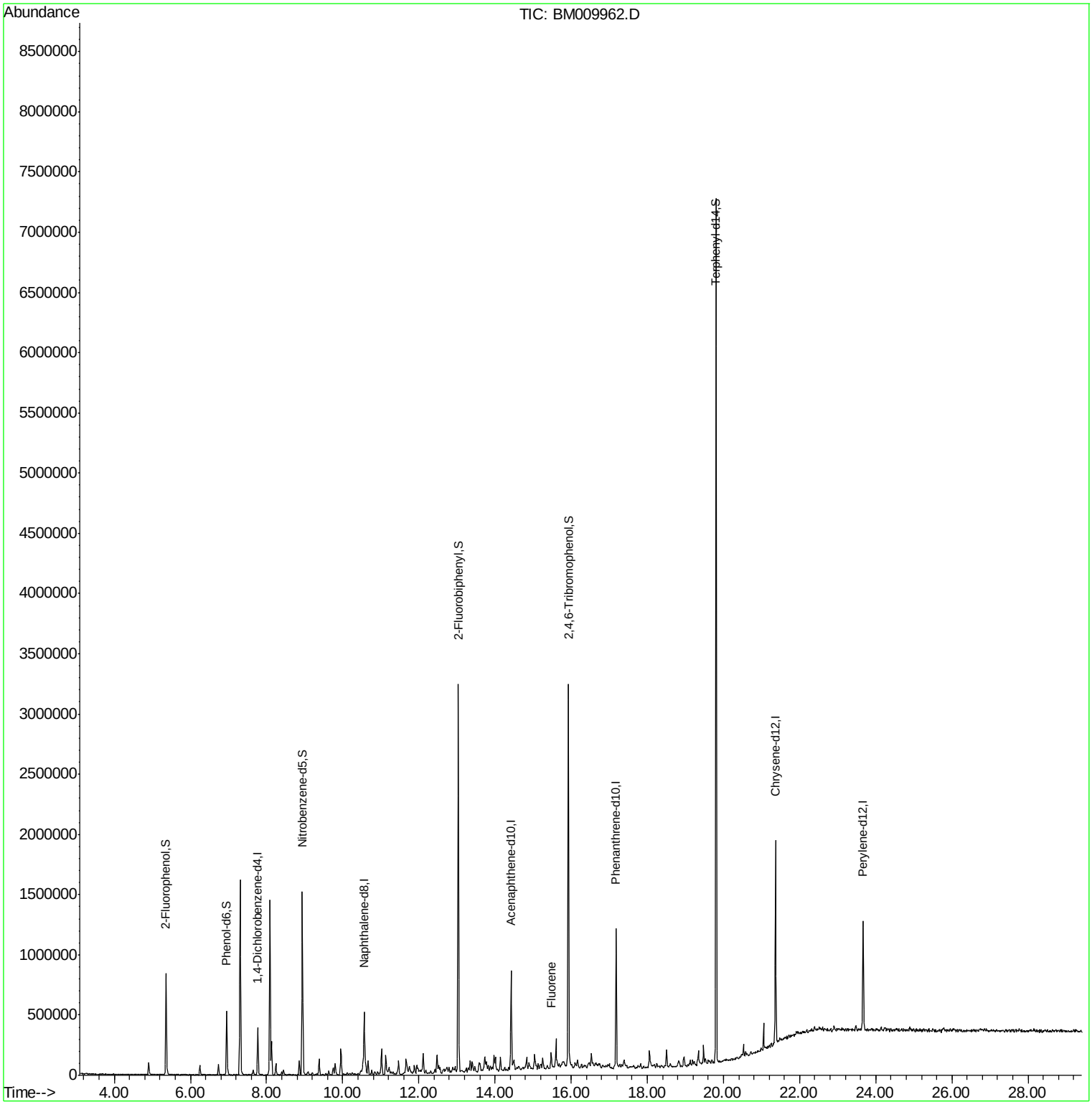
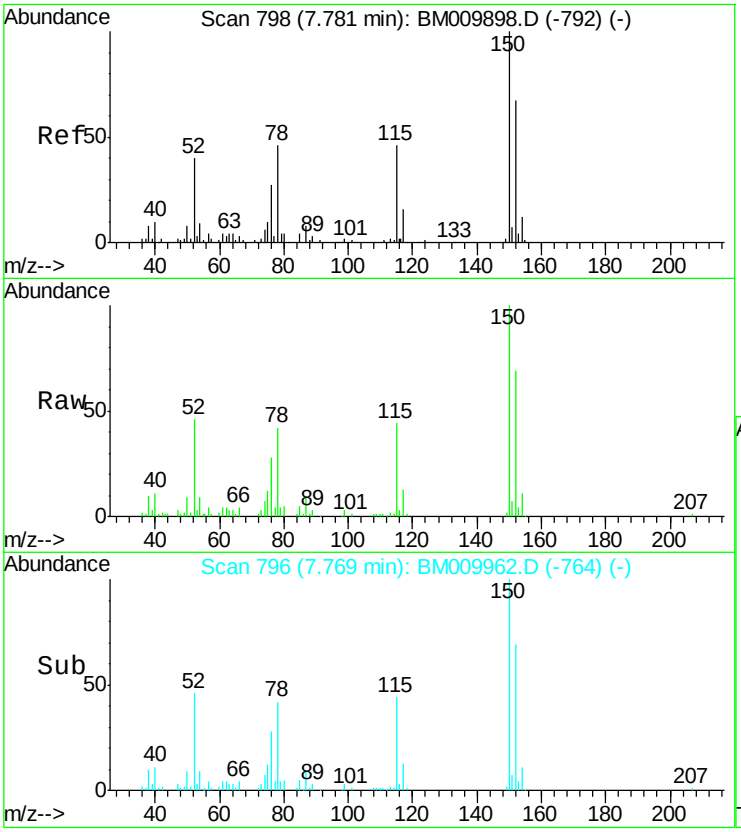


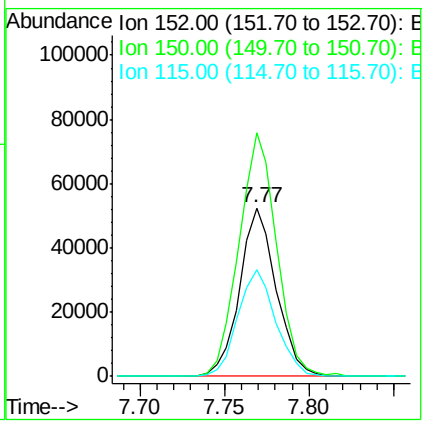


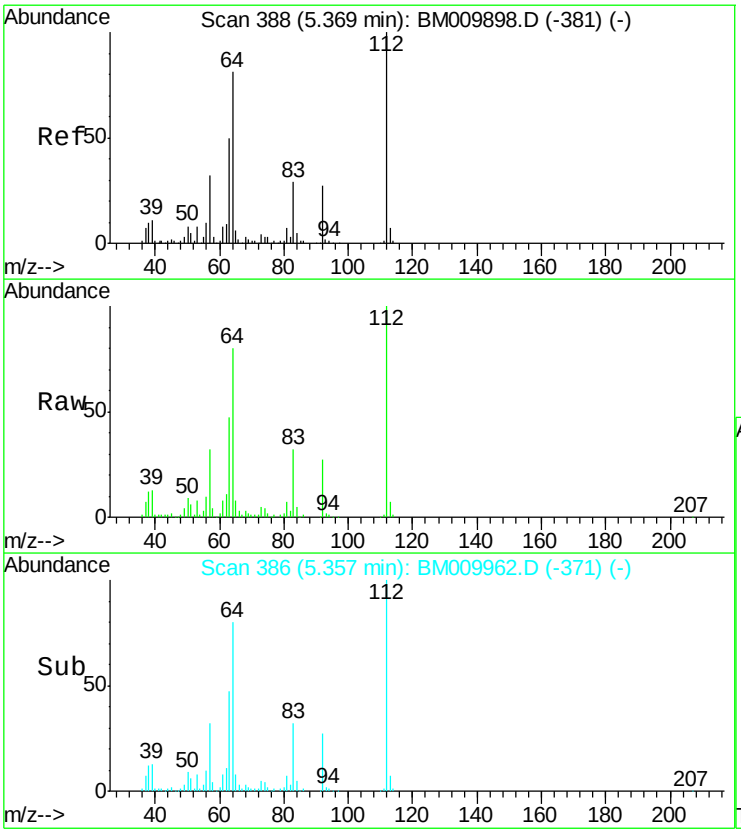
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion:152 Resp: 79028

Ion	Ratio	Lower	Upper
152	100		
150	144.4	119.5	179.3
115	63.2	43.0	64.4

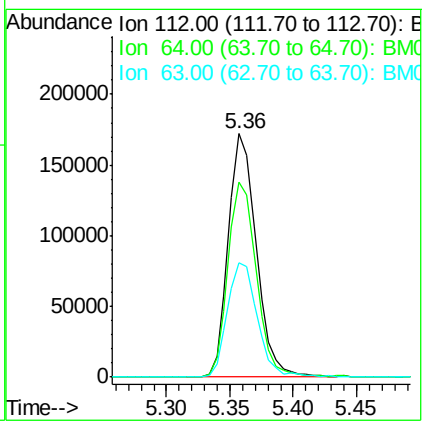


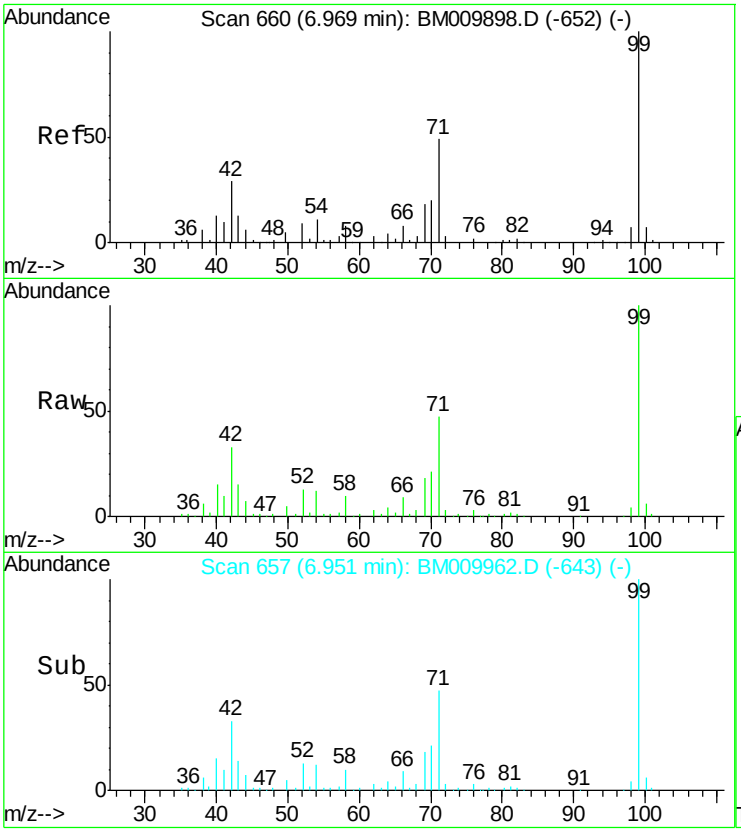


#5
2-Fluorophenol
Concen: 52.89 ng
RT: 5.36 min Scan# 386
Delta R.T. -0.01 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion:112 Resp: 262566

Ion	Ratio	Lower	Upper
112	100		
64	80.3	38.6	57.8#
63	47.2	19.3	28.9#



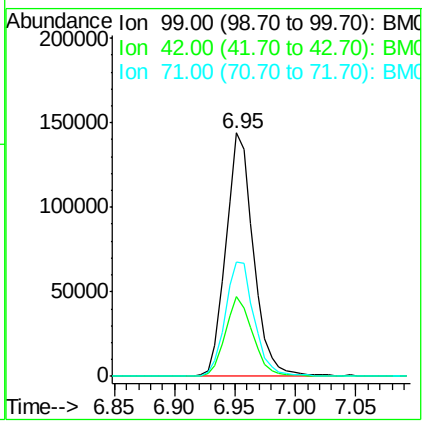


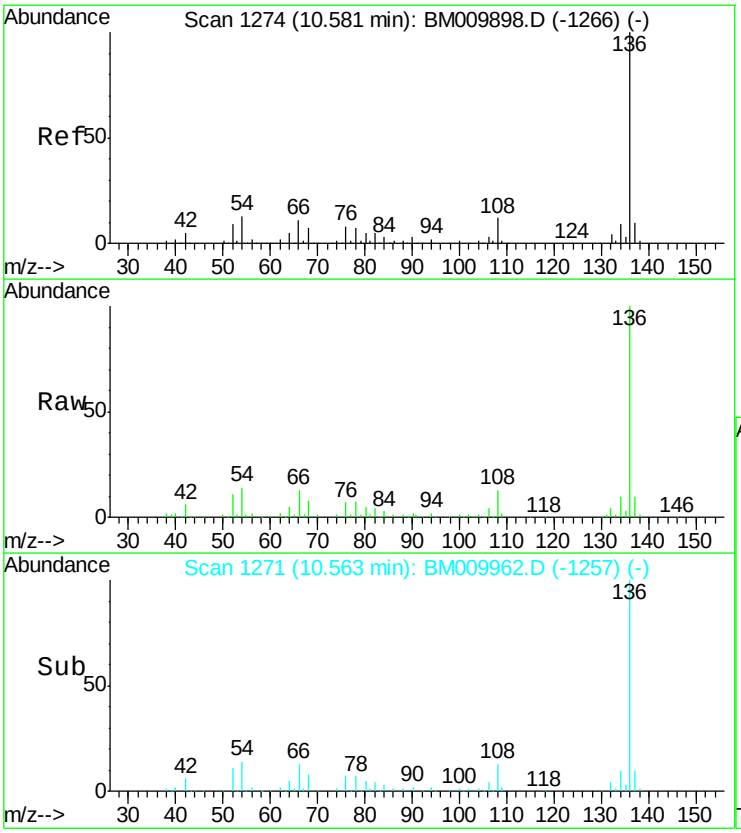
#7
Phenol-d6
Concen: 30.10 ng
RT: 6.95 min Scan# 657
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion: 99 Resp: 229030

Ion	Ratio	Lower	Upper
99	100		
42	32.8	11.0	16.4#
71	46.8	23.4	35.2#

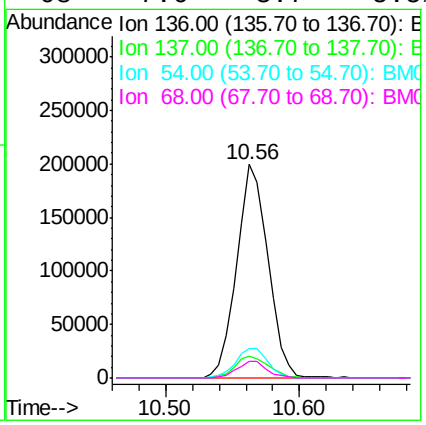


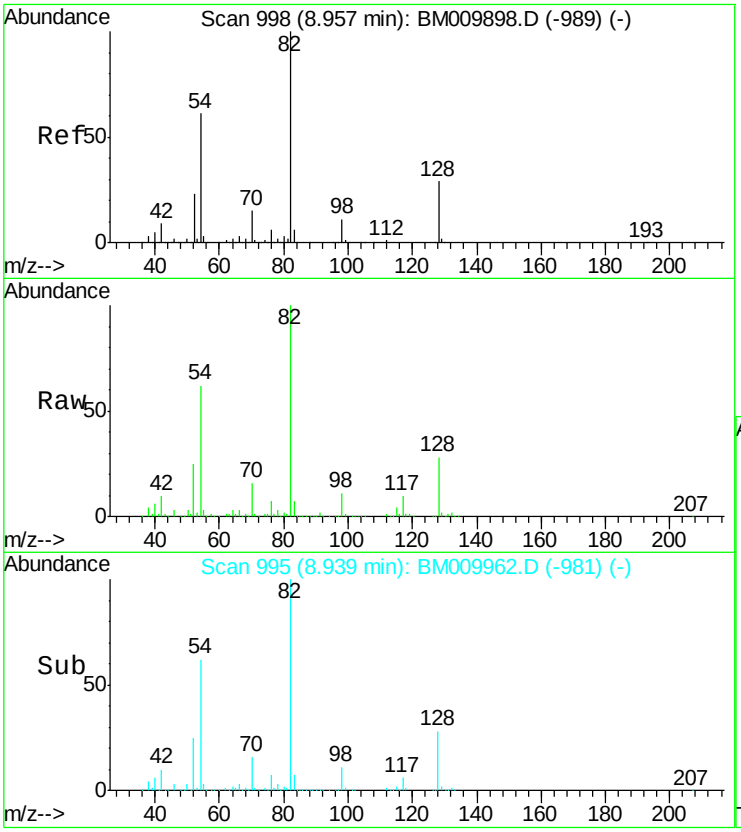


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion:136 Resp: 324175

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	13.6	4.6	6.8#
68	7.6	3.7	5.5#



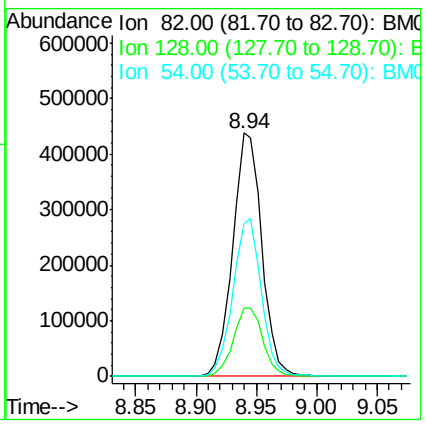


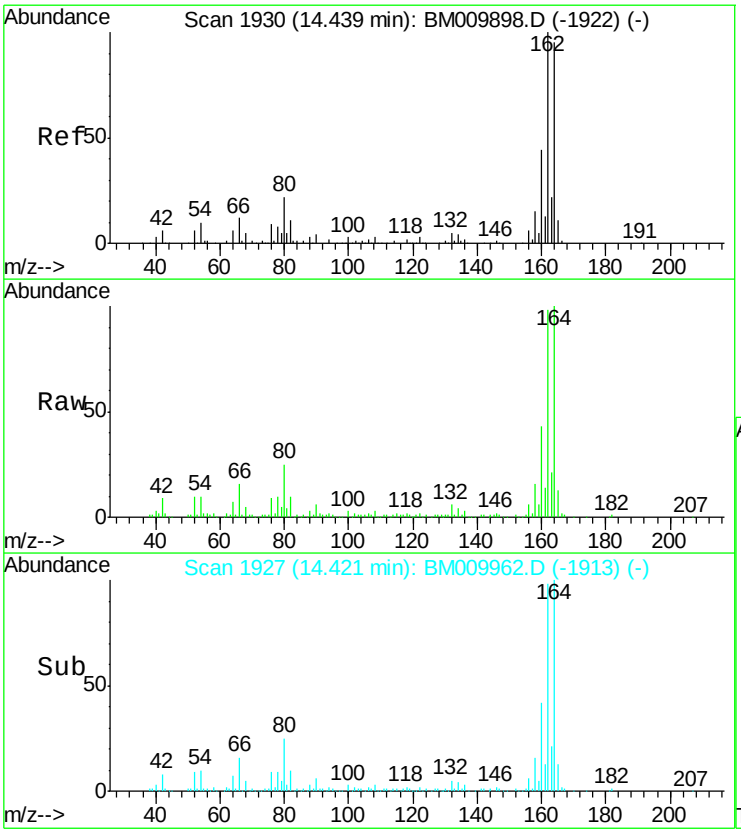
#23
Nitrobenzene-d5
Concen: 82.12 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion: 82 Resp: 735663

Ion	Ratio	Lower	Upper
82	100		
128	28.3	32.8	49.2#
54	62.5	40.6	60.8#

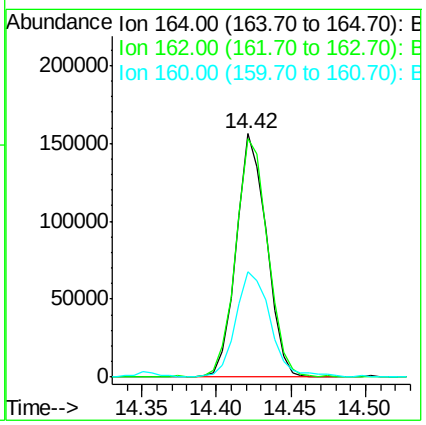


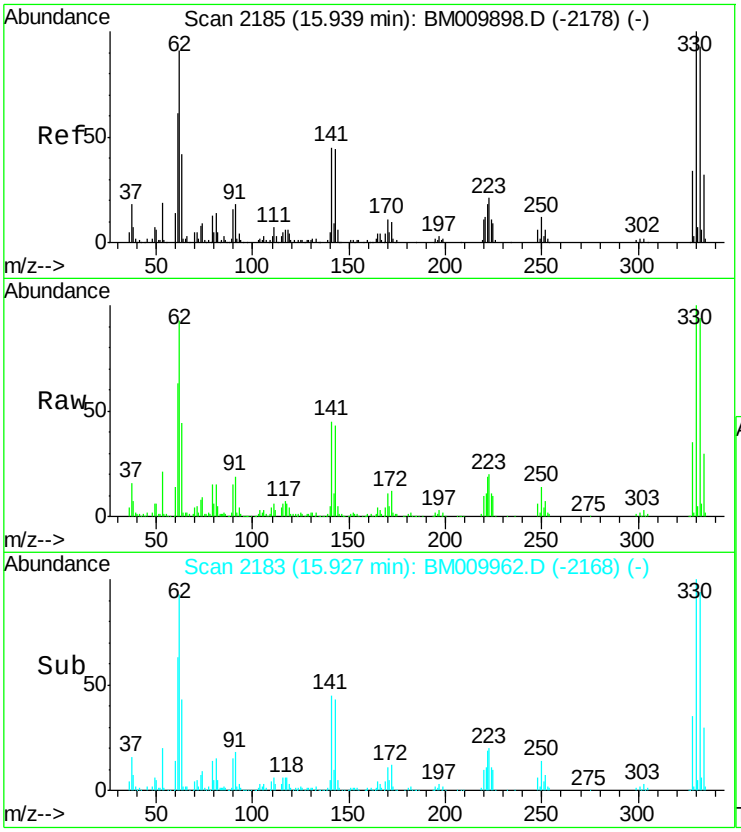


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion:164 Resp: 219662

Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.4	123.6
160	43.0	35.8	53.6



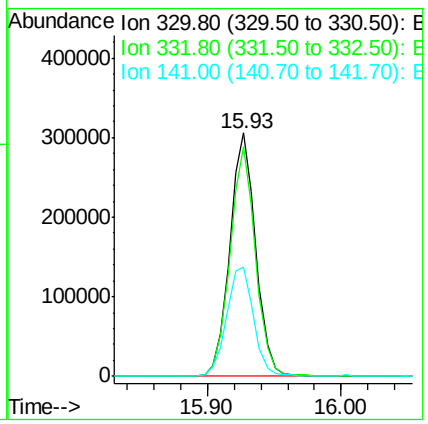


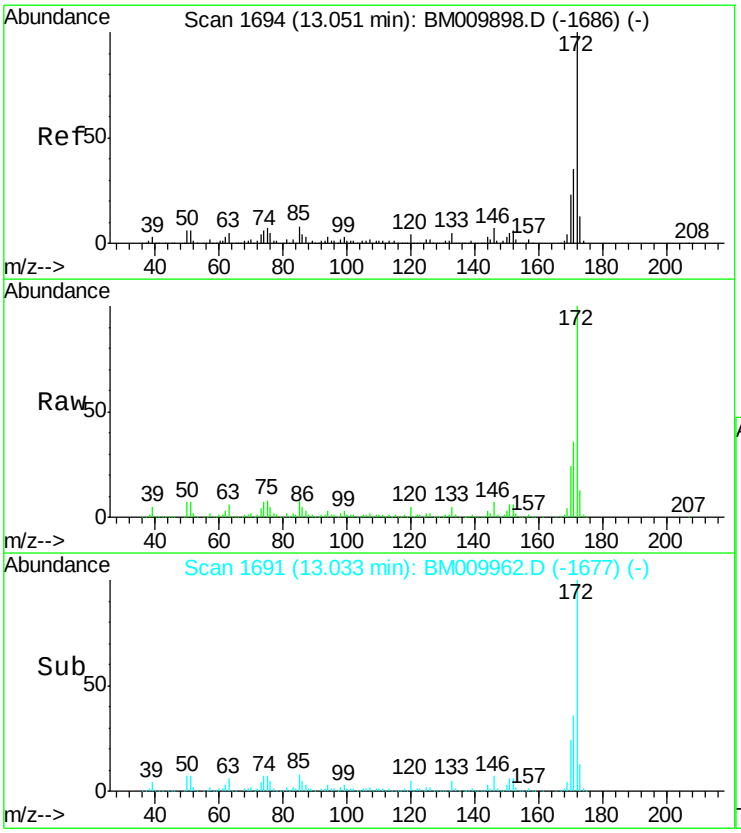
#41
2,4,6-Tribromophenol
Concen: 138.29 ng
RT: 15.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion:330 Resp: 414893

Ion	Ratio	Lower	Upper
330	100		
332	93.2	0.0	0.0#
141	46.6	0.0	0.0#

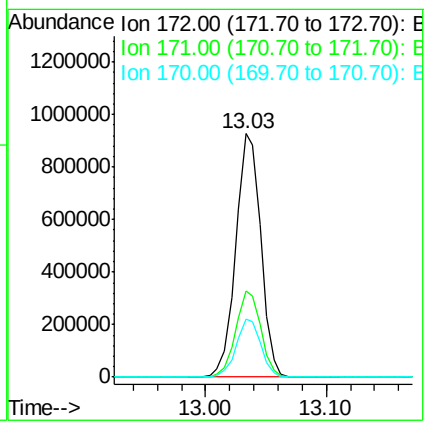


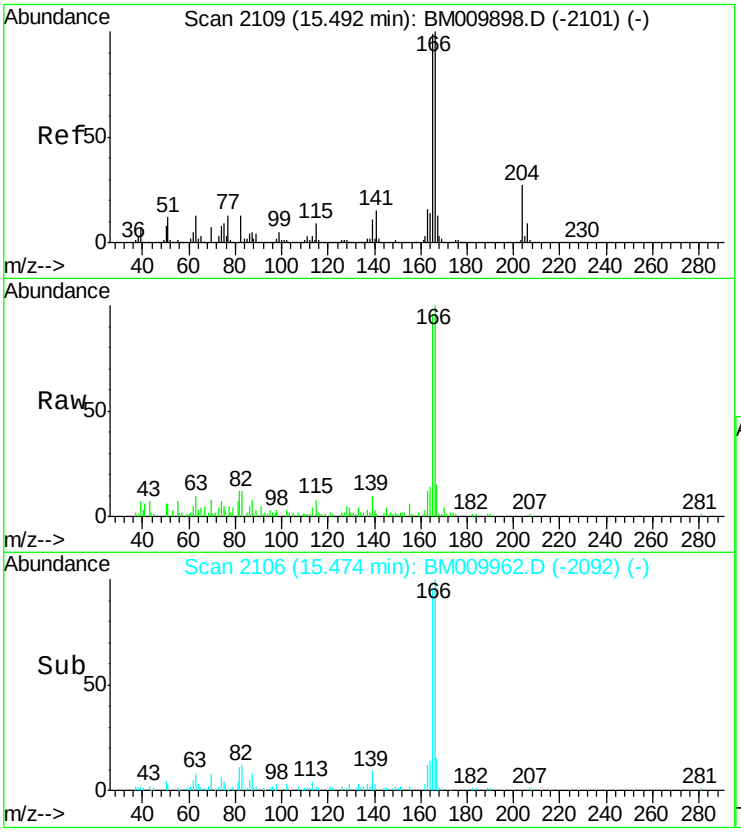


#44
2-Fluorobiphenyl
Concen: 79.32 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion:172 Resp: 1337311

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.9	18.8	28.2



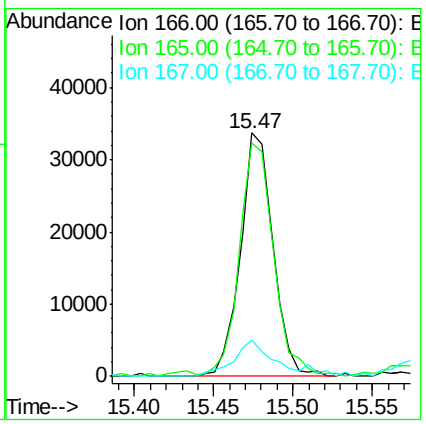


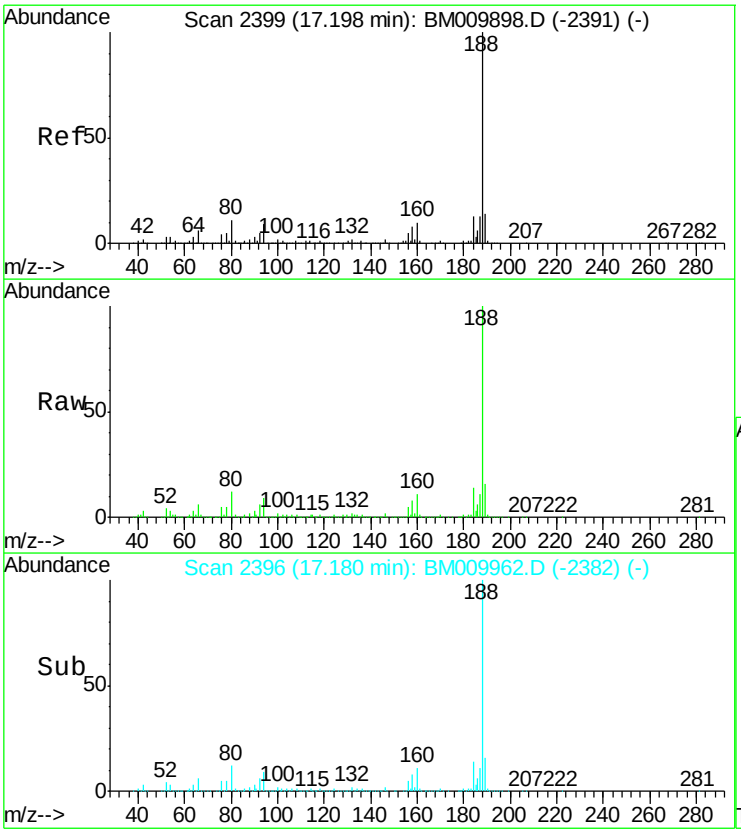
#57
Fluorene
Concen: 2.49 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion:166 Resp: 48035

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.0	118.4
167	14.9	10.3	15.5

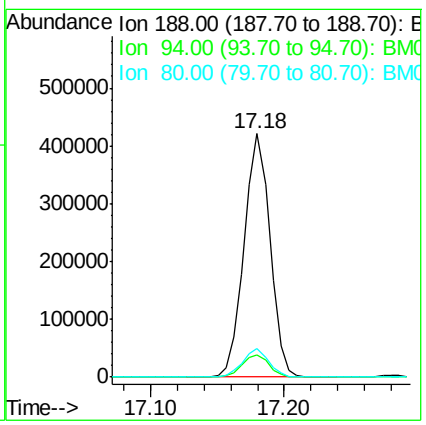


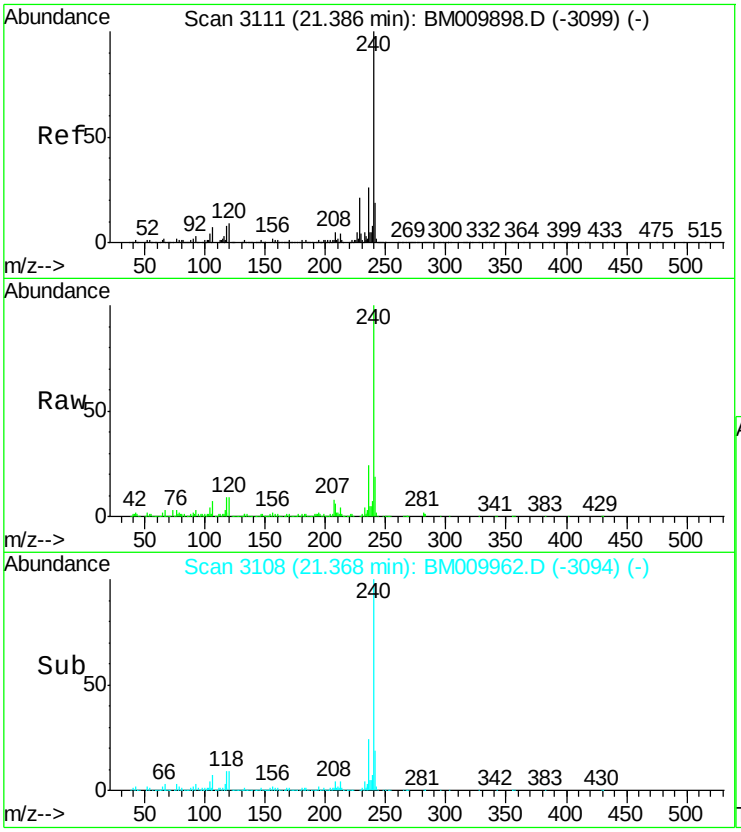


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion:188 Resp: 562077

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	11.8	9.3	13.9



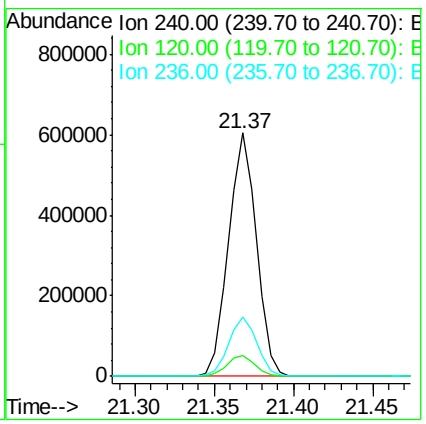


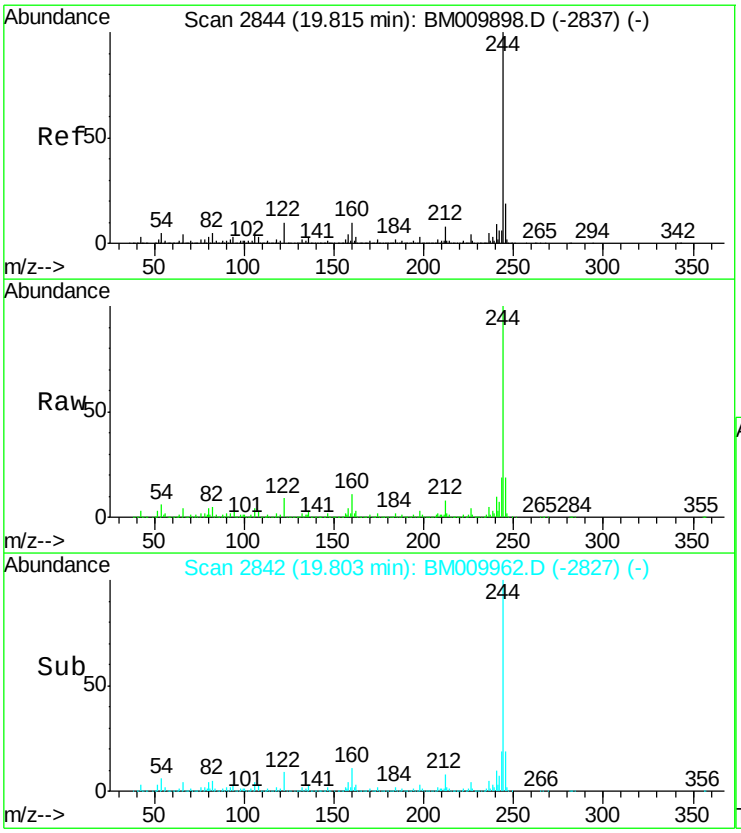
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion:240 Resp: 736841

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	24.2	20.0	30.0

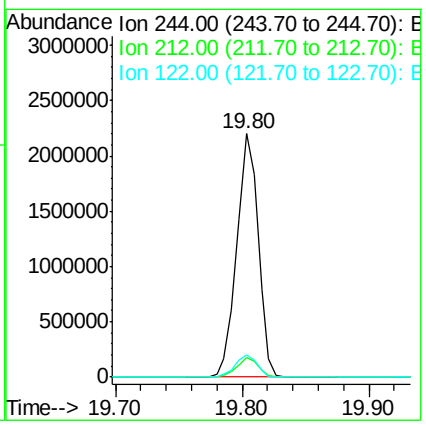


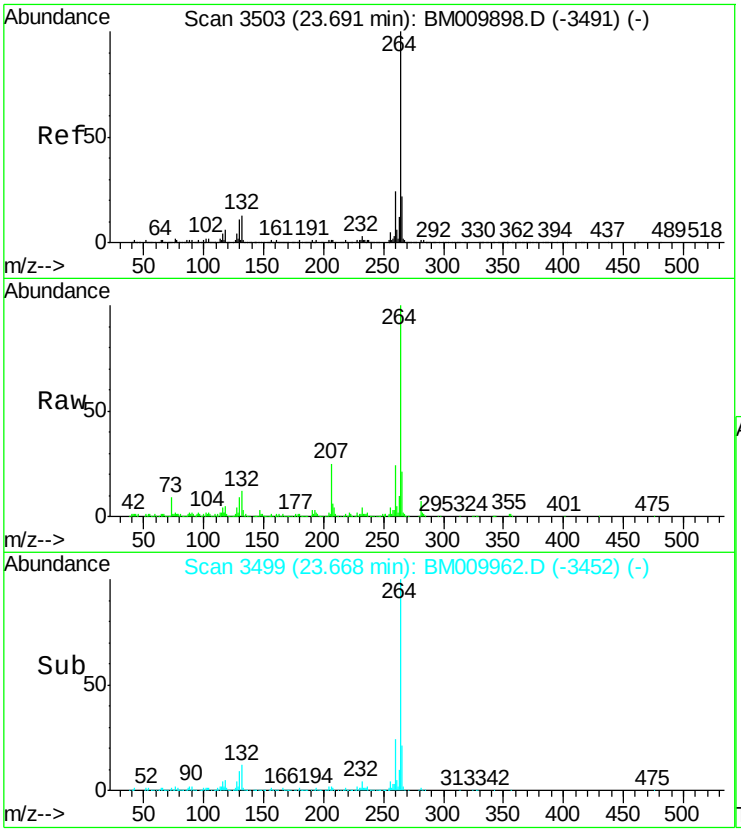


#78
Terphenyl-d14
Concen: 71.30 ng
RT: 19.80 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion:244 Resp: 2561017

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.1	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion:264 Resp: 591548

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.5	17.3	25.9