Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011015.D
Acq On : 27 Jul 2017 17:47
Operator : SJ/JU
Sample : I4432-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-3

Quant Time: Jul 28 01:05:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	159935	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	600010	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	391590	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	936648	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1054677	20.00	ng	0.00
86) Perylene-d12	23.13	264	1043571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	515299	54.46	ng	0.00
7) Phenol-d6	6.58	99	443142	32.97	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1471680	92.06	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	797792	127.11	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2820357	90.33	ng	0.00
78) Terphenyl-d14	19.47	244	4369798	82.07	ng	0.00

Target Compounds	Qvalue

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

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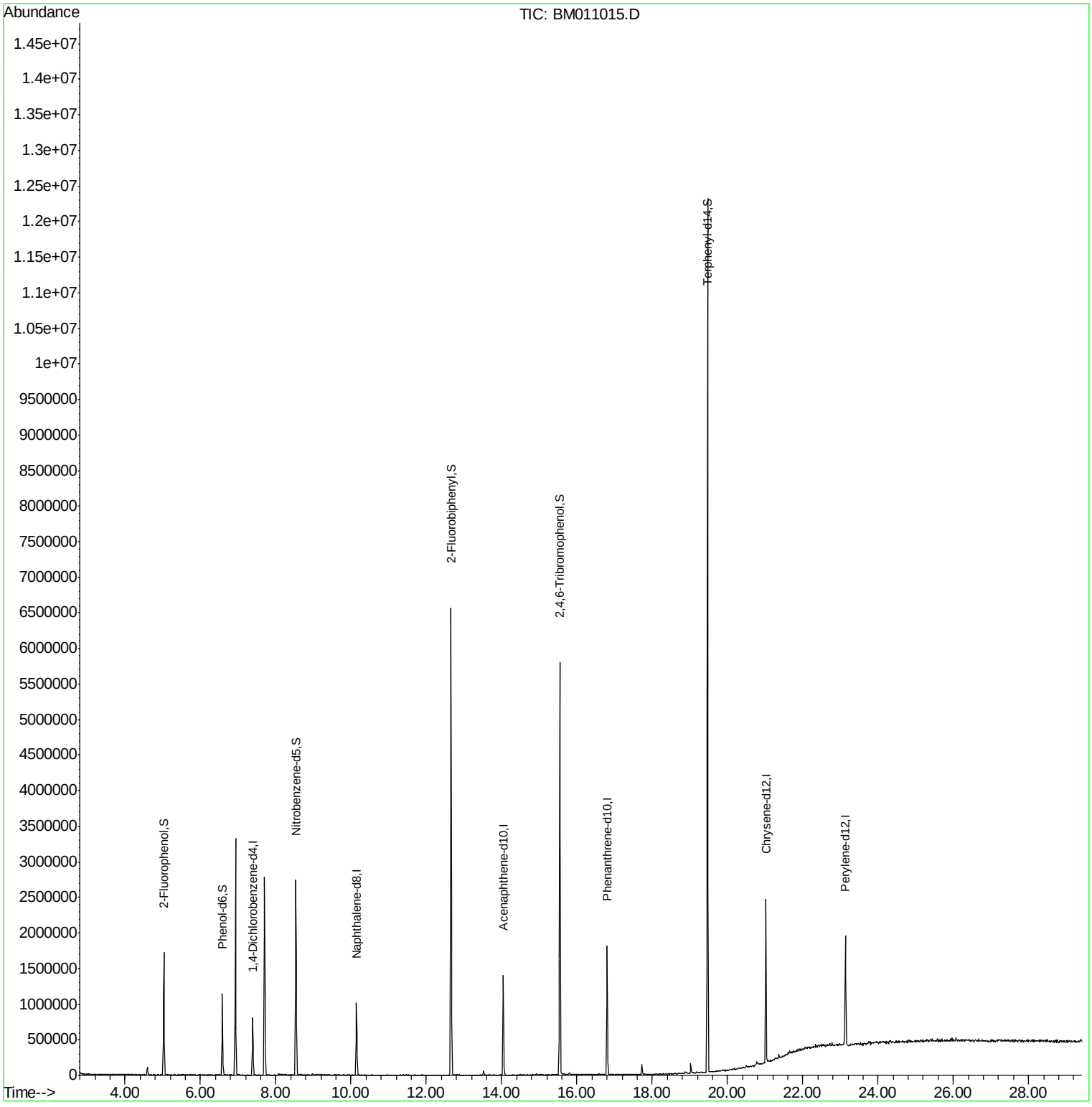
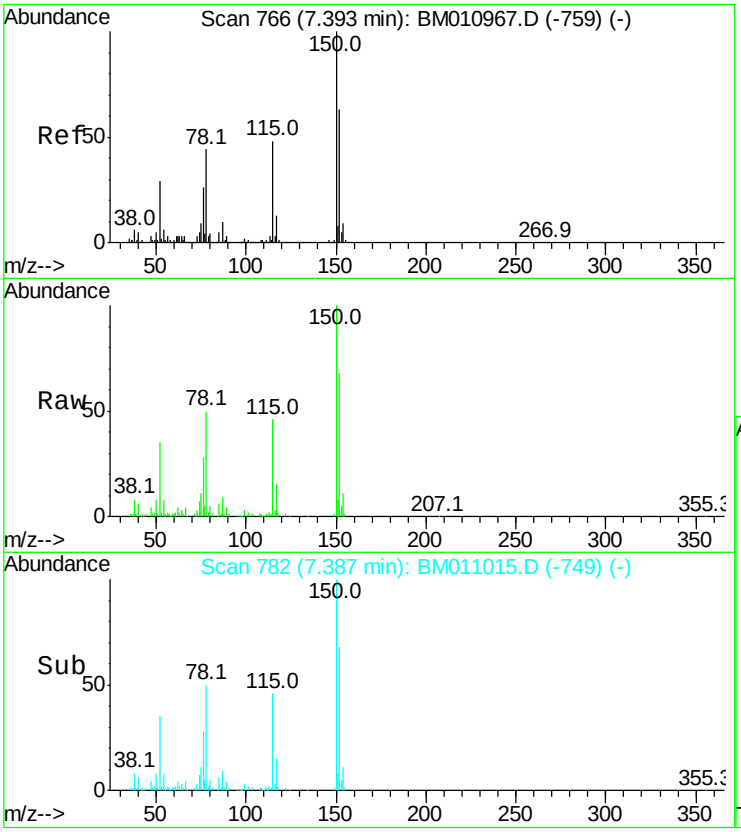


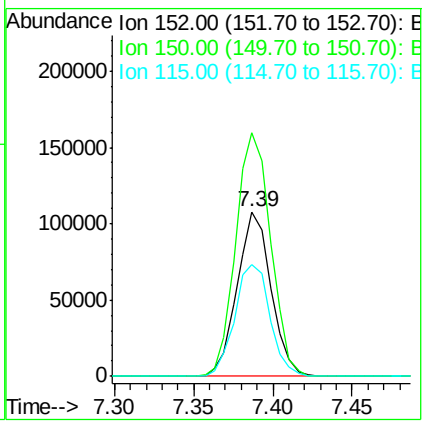


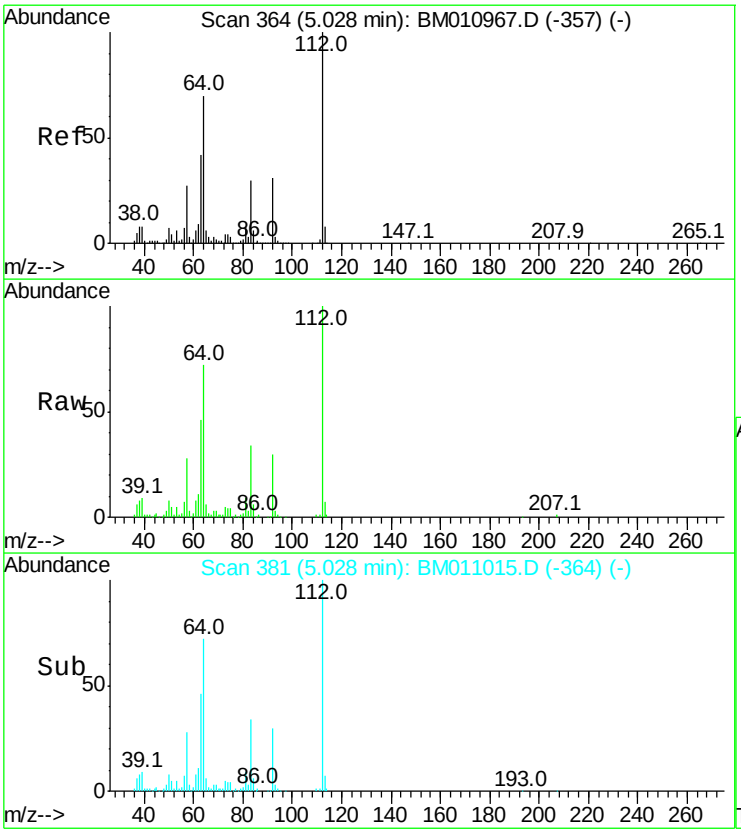
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 159935

Ion	Ratio	Lower	Upper
152	100		
150	148.1	119.5	179.3
115	67.6	43.0	64.4#

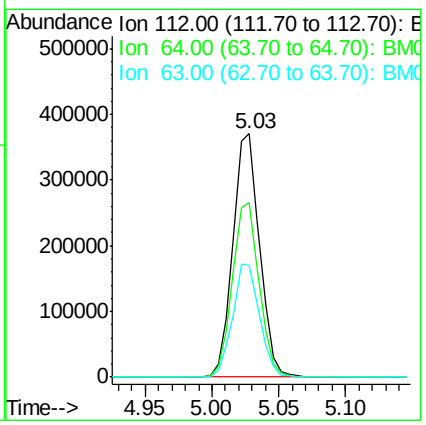


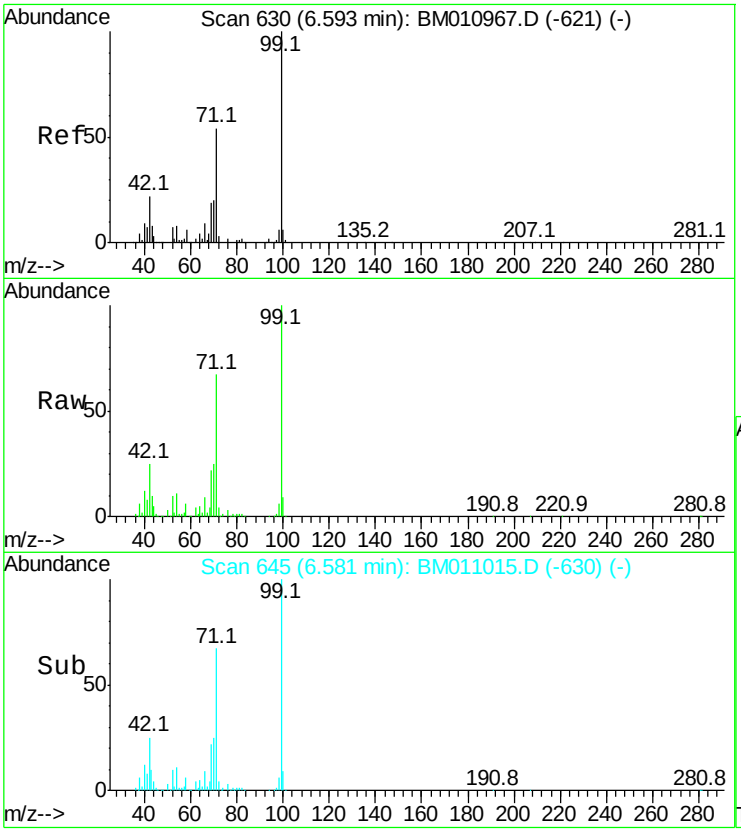


#5
2-Fluorophenol
Concen: 54.465 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Tgt Ion:112 Resp: 515299

Ion	Ratio	Lower	Upper
112	100		
64	71.6	38.6	57.8#
63	45.9	19.3	28.9#



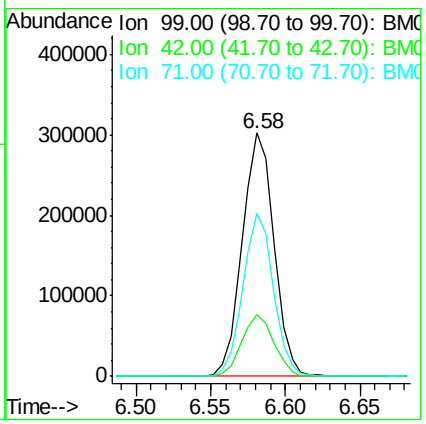


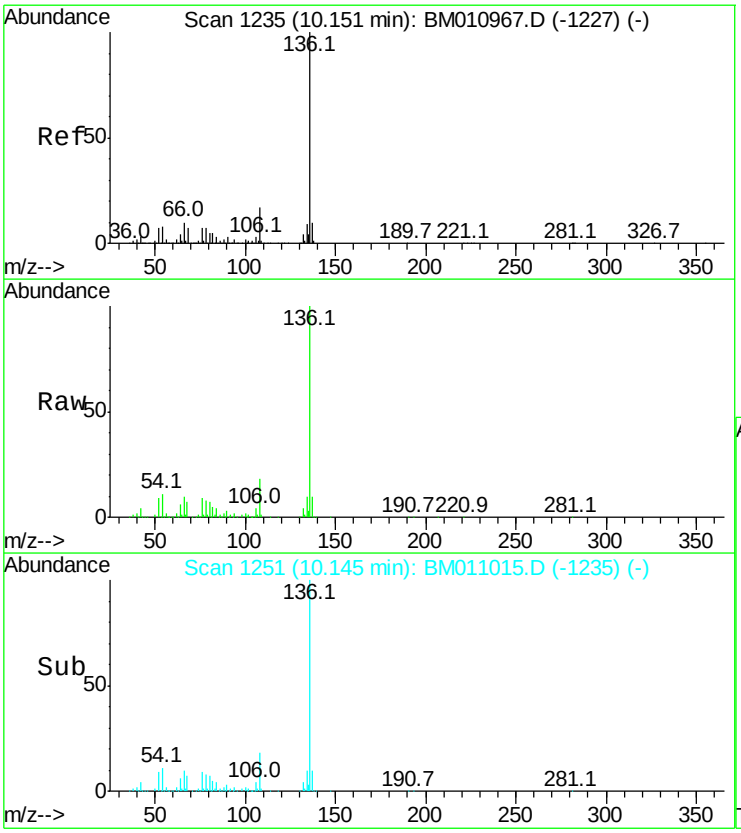
#7
Phenol-d6
Concen: 32.966 ng
RT: 6.58 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 443142

Ion	Ratio	Lower	Upper
99	100		
42	25.4	11.0	16.4#
71	67.2	23.4	35.2#

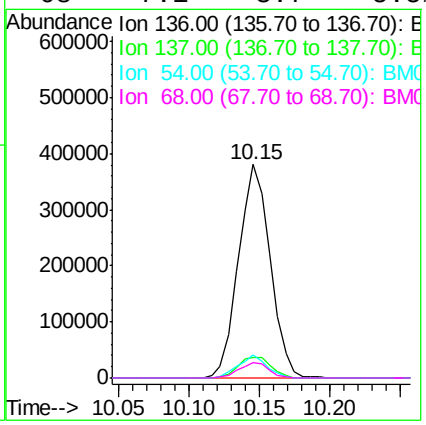


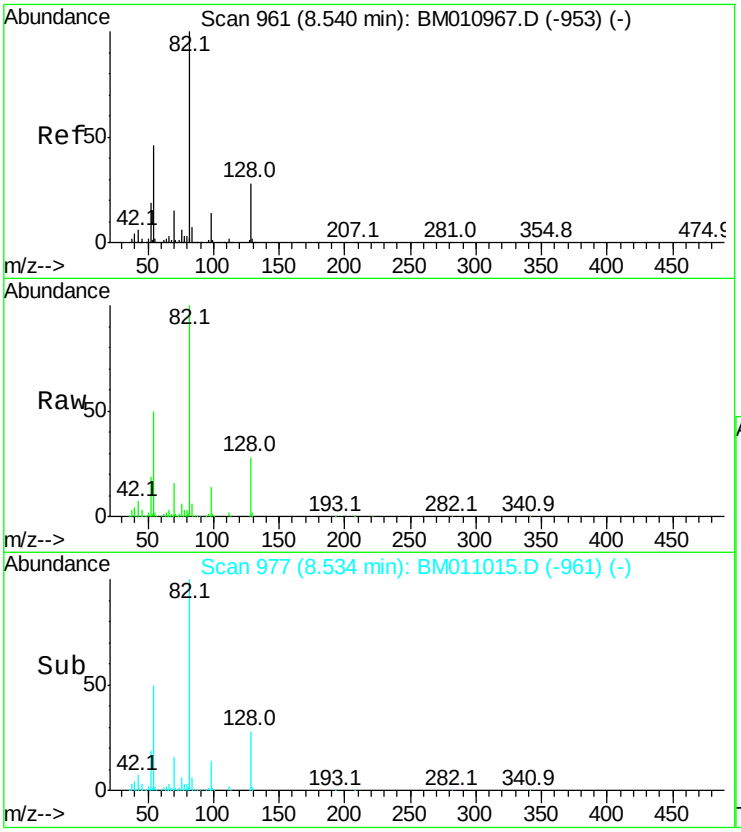


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Tgt Ion:136 Resp: 600010

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	10.5	4.6	6.8#
68	7.1	3.7	5.5#



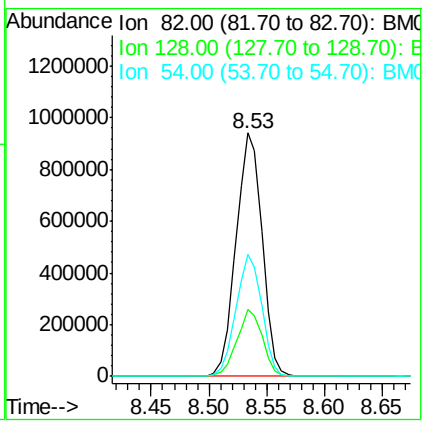


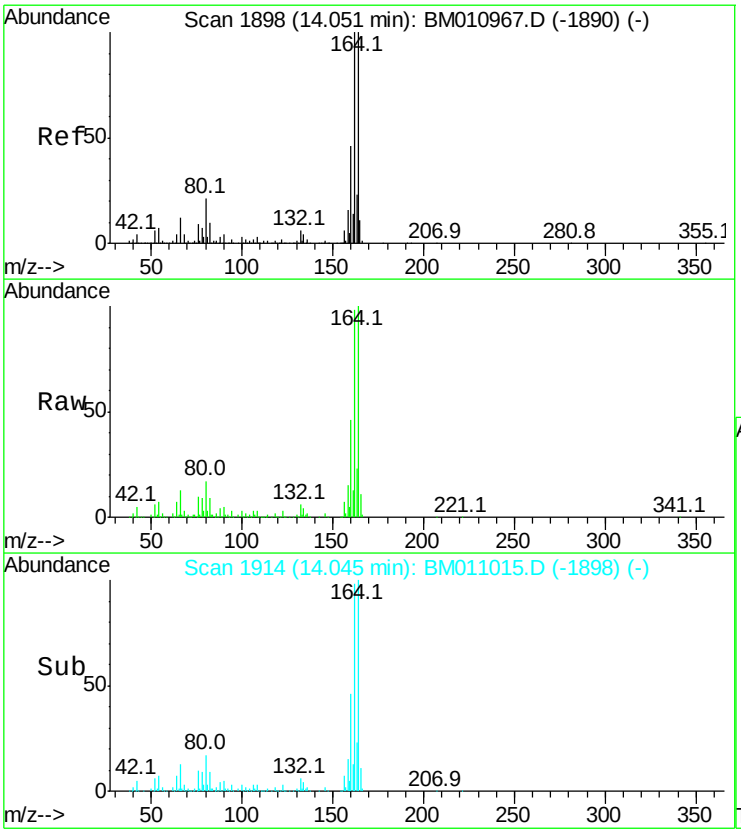
#23
Nitrobenzene-d5
Concen: 92.056 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 1471680

Ion	Ratio	Lower	Upper
82	100		
128	27.8	32.8	49.2#
54	50.2	40.6	60.8

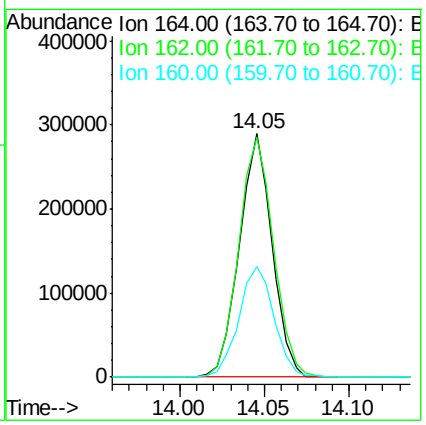


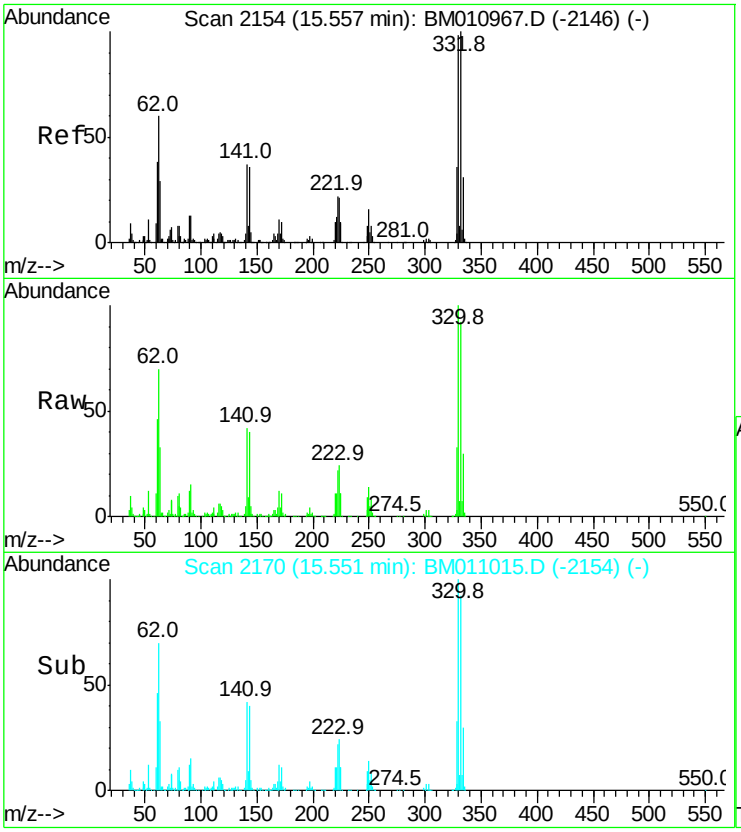


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Tgt Ion:164 Resp: 391590

Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.4	123.6
160	45.6	35.8	53.6



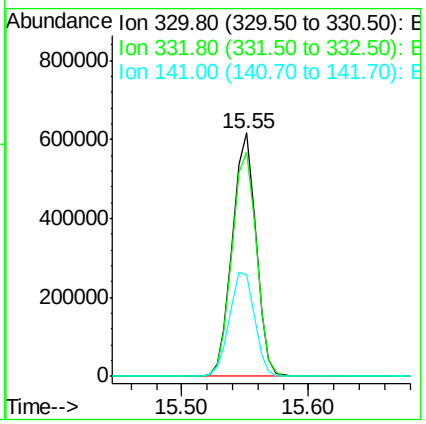


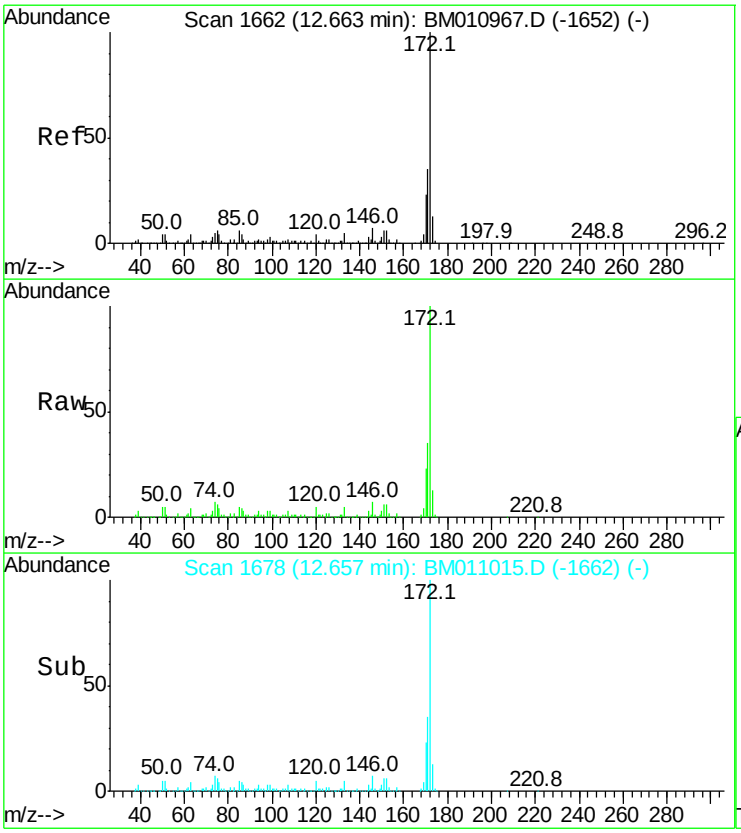
#41
2,4,6-Tribromophenol
Concen: 127.110 ng
RT: 15.55 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:330 Resp: 797792

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	45.5	0.0	0.0#

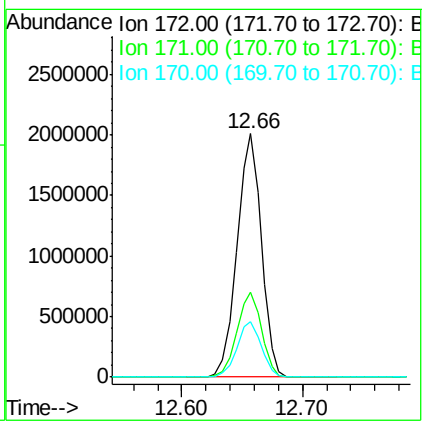


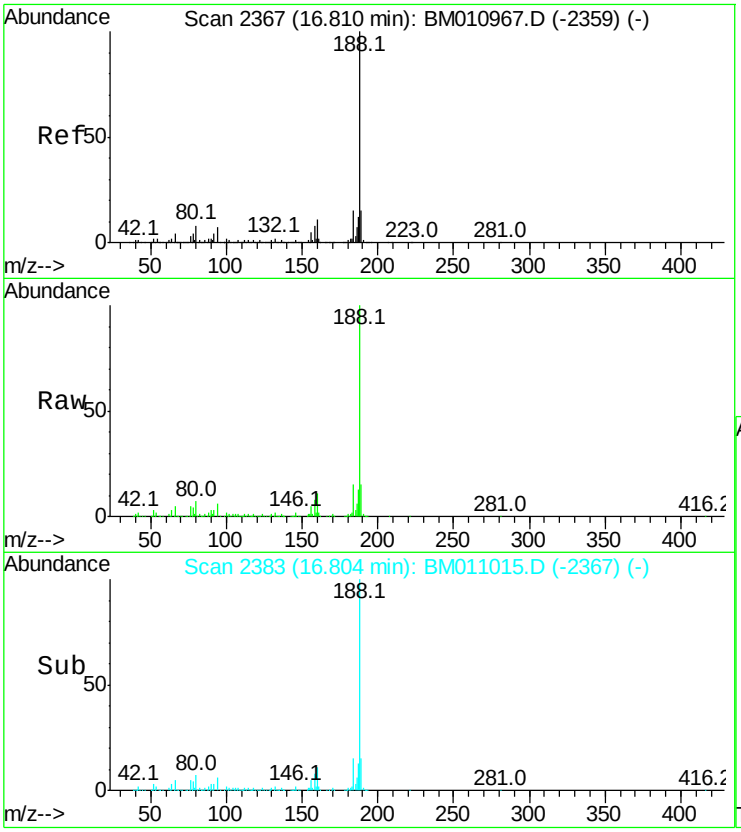


#44
2-Fluorobiphenyl
Concen: 90.327 ng
RT: 12.66 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Tgt Ion:172 Resp: 2820357

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.7	18.8	28.2



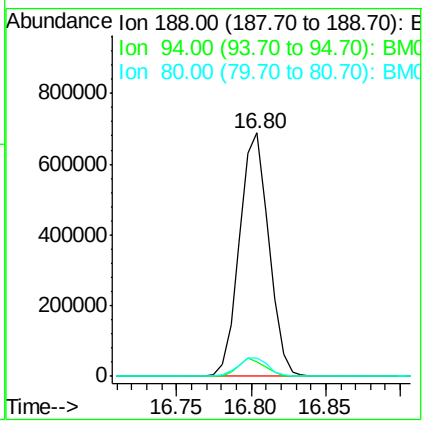


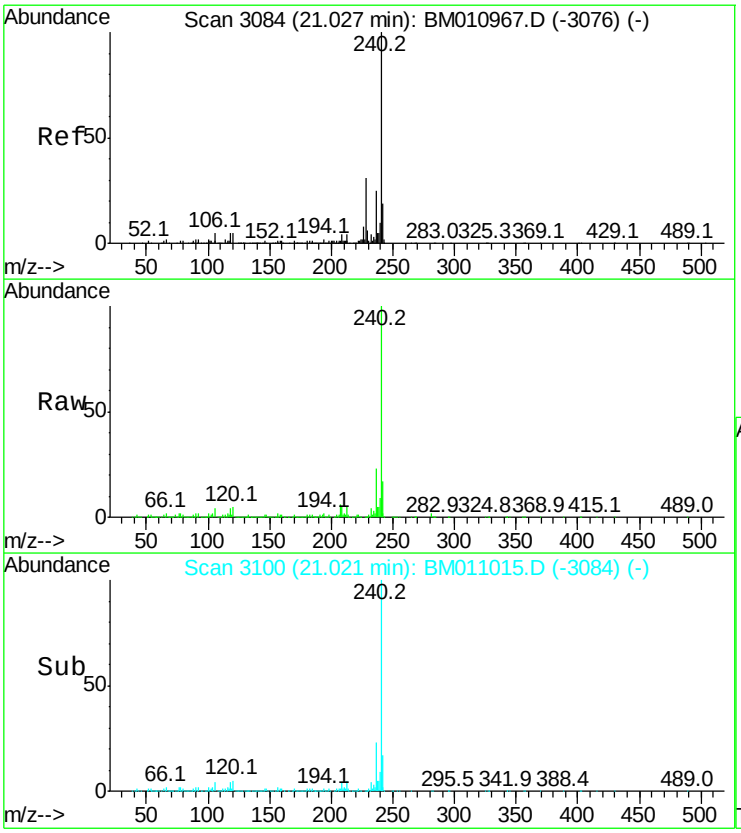
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 936648

Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	7.5	9.3	13.9#

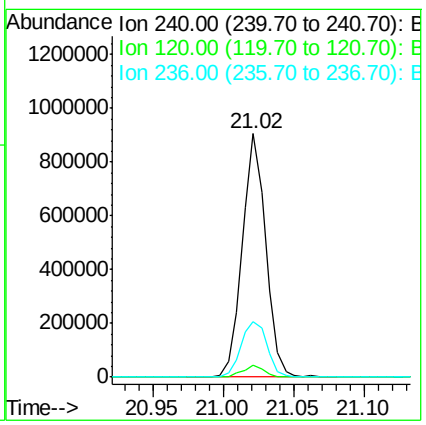


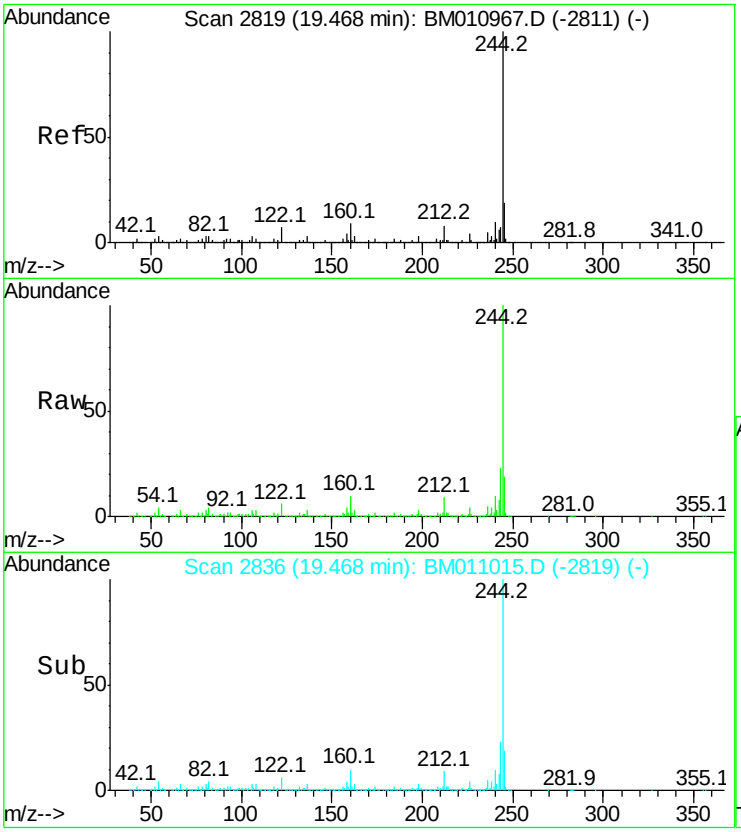


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Tgt Ion:240 Resp: 1054677

Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.2	12.2#
236	22.8	20.0	30.0



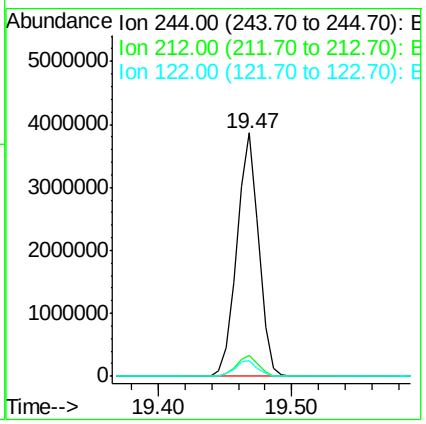


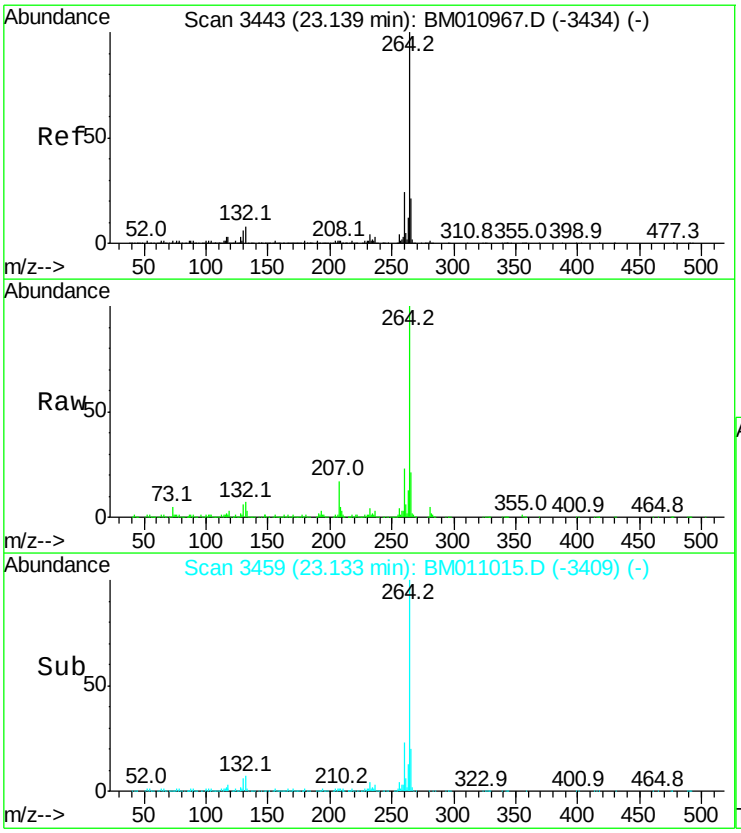
#78
Terphenyl-d14
Concen: 82.073 ng
RT: 19.47 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Instrument :
BNA_M
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 4369798

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	6.3	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.13 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM011015.D
Acq: 27 Jul 2017 17:47

Tgt Ion:264 Resp: 1043571

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.7	17.3	25.9