Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
Data File : BM011236.D
Acq On : 14 Aug 2017 18:50
Operator : SJ/JU
Sample : I4717-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-081017

Quant Time: Aug 15 07:26:22 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	7.29	152	116928	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	389206	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	268180	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	625879	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	648638	20.00	ng	-0.08
86) Perylene-d12	23.02	264	654779	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	885333	127.99	ng	-0.09
7) Phenol-d6	6.50	99	1128194	114.80	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1209206	116.61	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	513530	119.47	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1976607	92.44	ng	-0.10
78) Terphenyl-d14	19.39	244	2869002	87.62	ng	-0.08
Target Compounds						Qvalue

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

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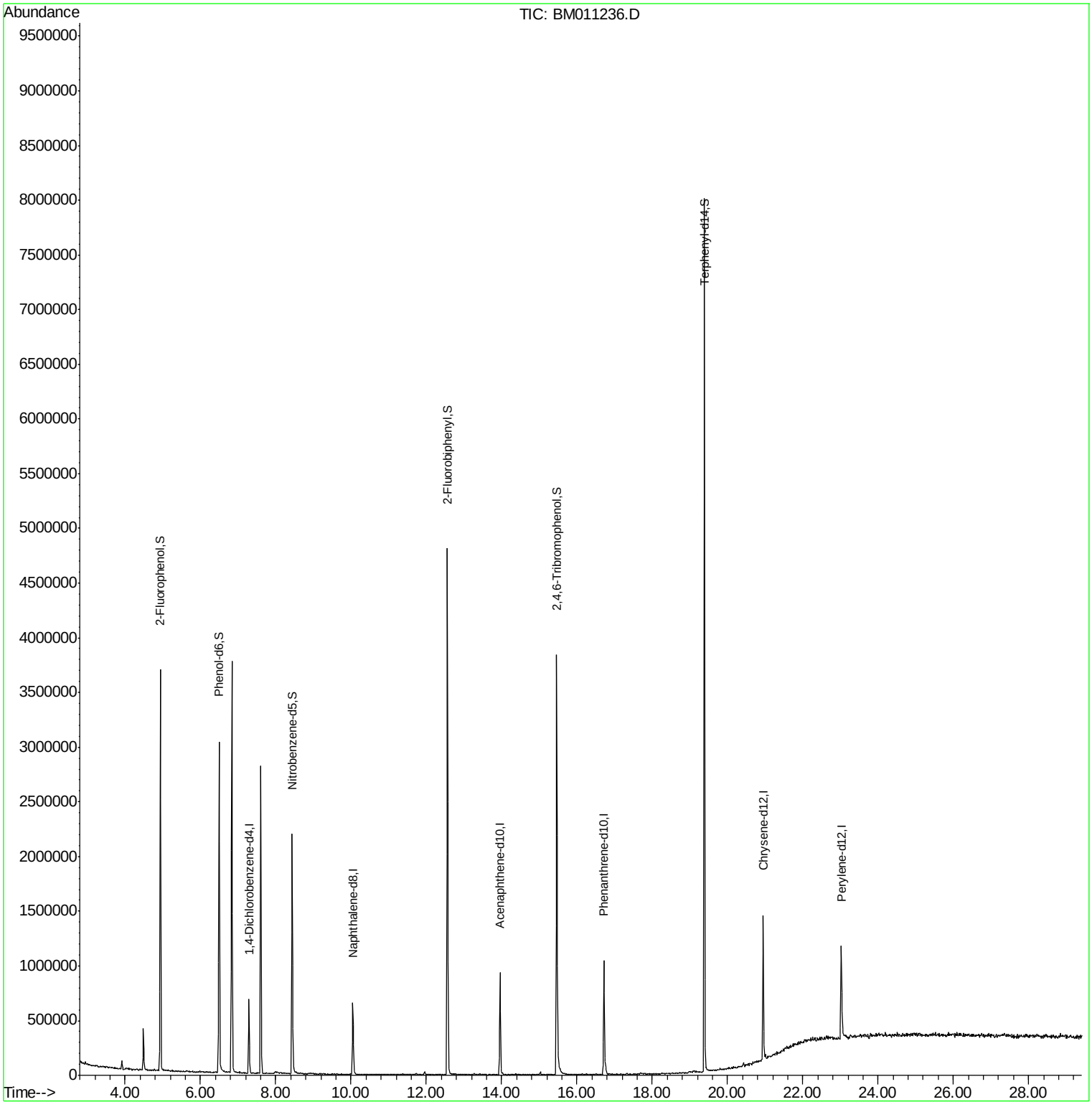
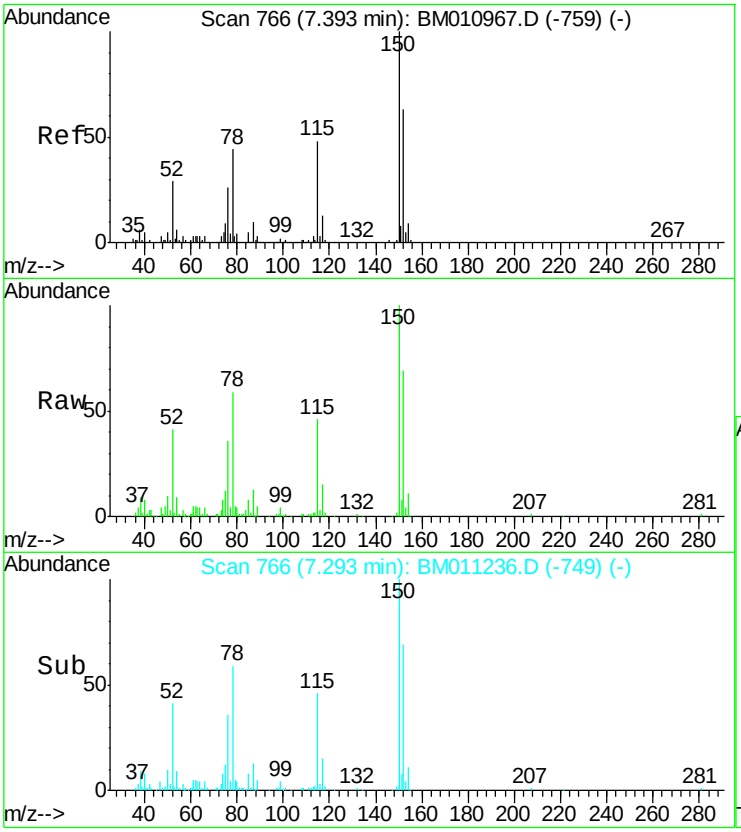


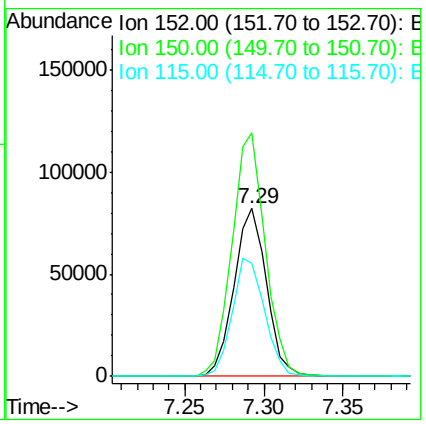


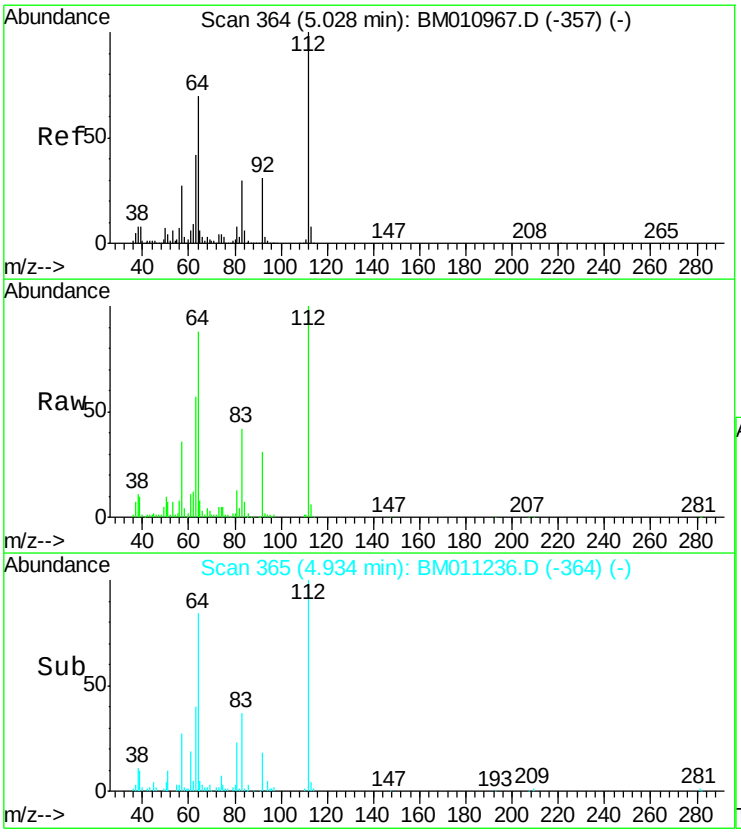
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Instrument :
BNA_M
ClientSampleId :
OK-02-081017

Tgt Ion:152 Resp: 116928

Ion	Ratio	Lower	Upper
152	100		
150	145.1	119.5	179.3
115	67.4	43.0	64.4#

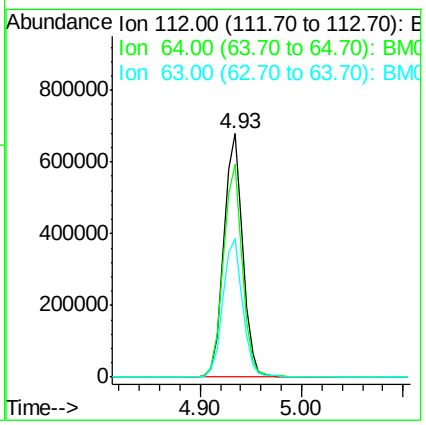


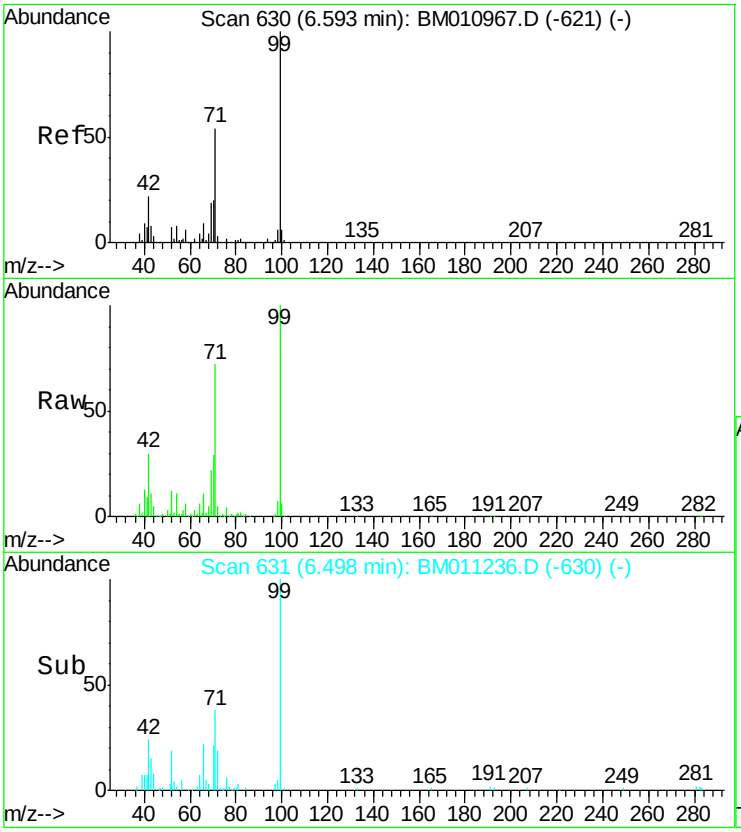


#5
2-Fluorophenol
Concen: 127.993 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Tgt Ion:112 Resp: 885333

Ion	Ratio	Lower	Upper
112	100		
64	87.6	38.6	57.8#
63	57.0	19.3	28.9#



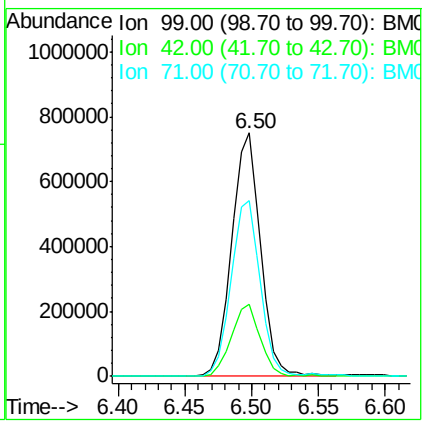


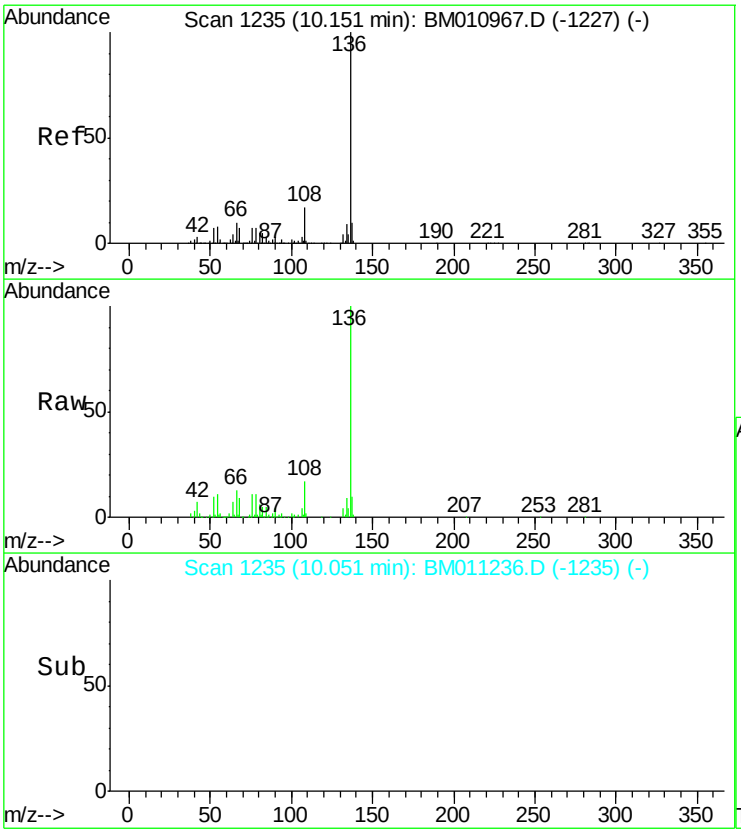
#7
Phenol-d6
Concen: 114.796 ng
RT: 6.50 min Scan# 631
Delta R.T. -0.09 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Instrument :
BNA_M
ClientSampleId :
OK-02-081017

Tgt Ion: 99 Resp: 1128194

Ion	Ratio	Lower	Upper
99	100		
42	29.7	11.0	16.4#
71	72.3	23.4	35.2#

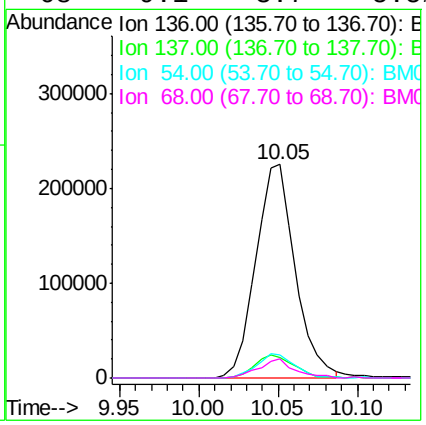


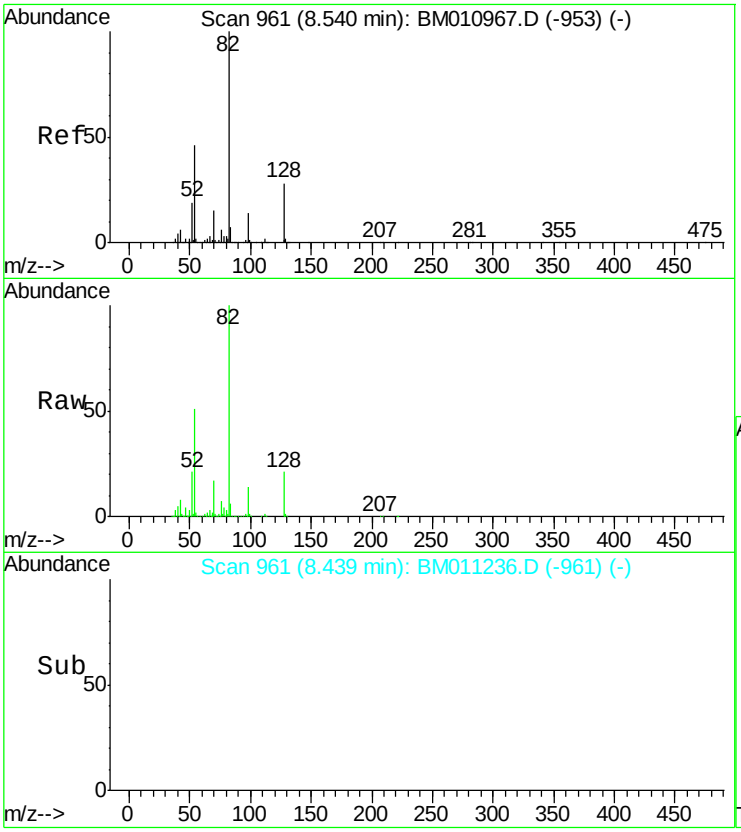


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Tgt Ion:136 Resp: 389206

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	10.9	4.6	6.8#
68	9.1	3.7	5.5#



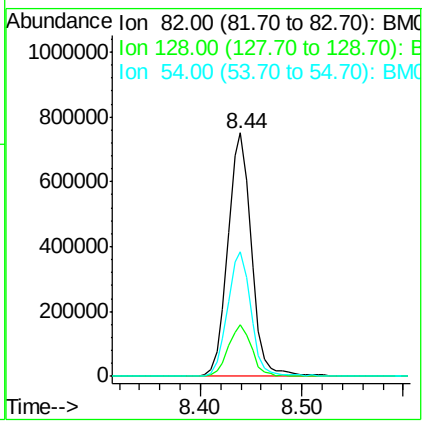


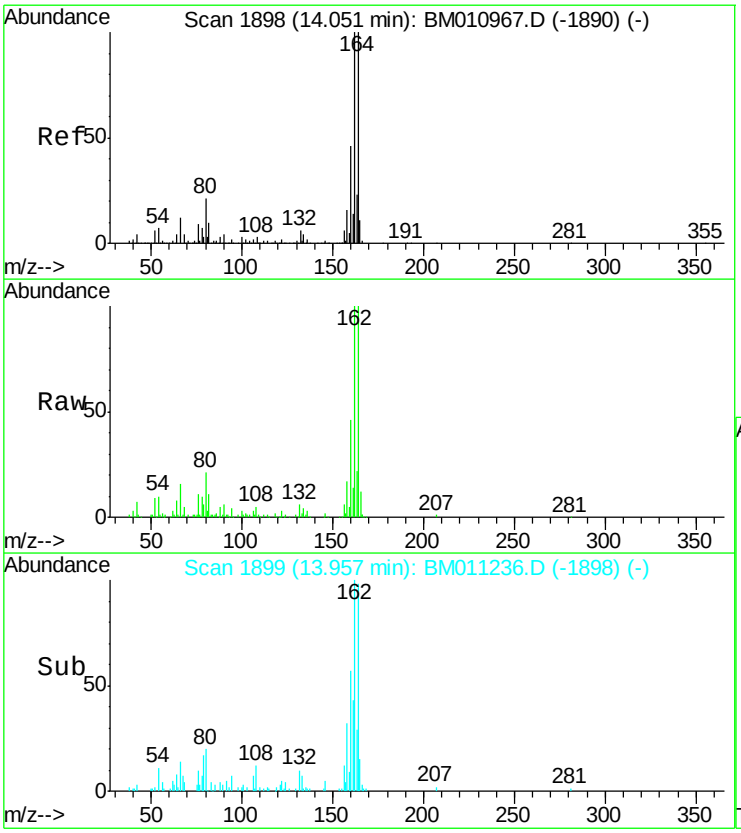
#23
Nitrobenzene-d5
Concen: 116.605 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Instrument :
BNA_M
ClientSampleId :
OK-02-081017

Tgt Ion: 82 Resp: 1209206

Ion	Ratio	Lower	Upper
82	100		
128	21.2	32.8	49.2#
54	51.0	40.6	60.8

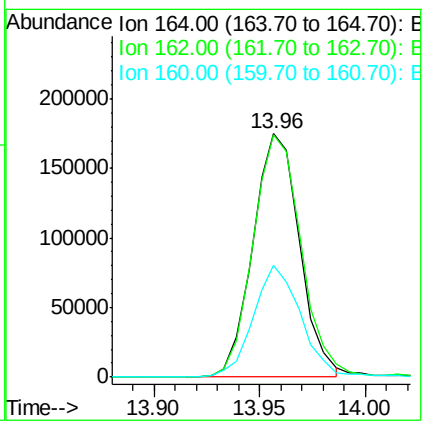


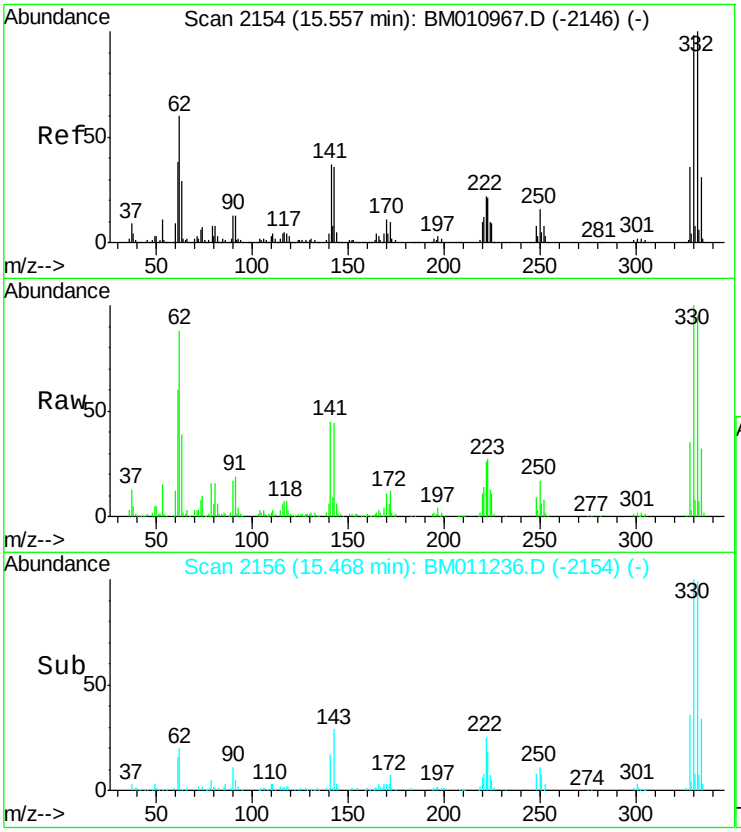


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1899
Delta R.T. -0.09 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Tgt Ion:164 Resp: 268180

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	46.1	35.8	53.6



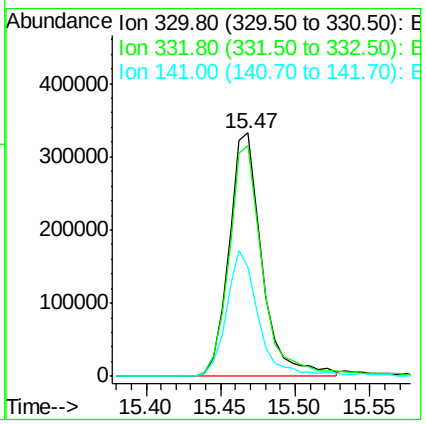


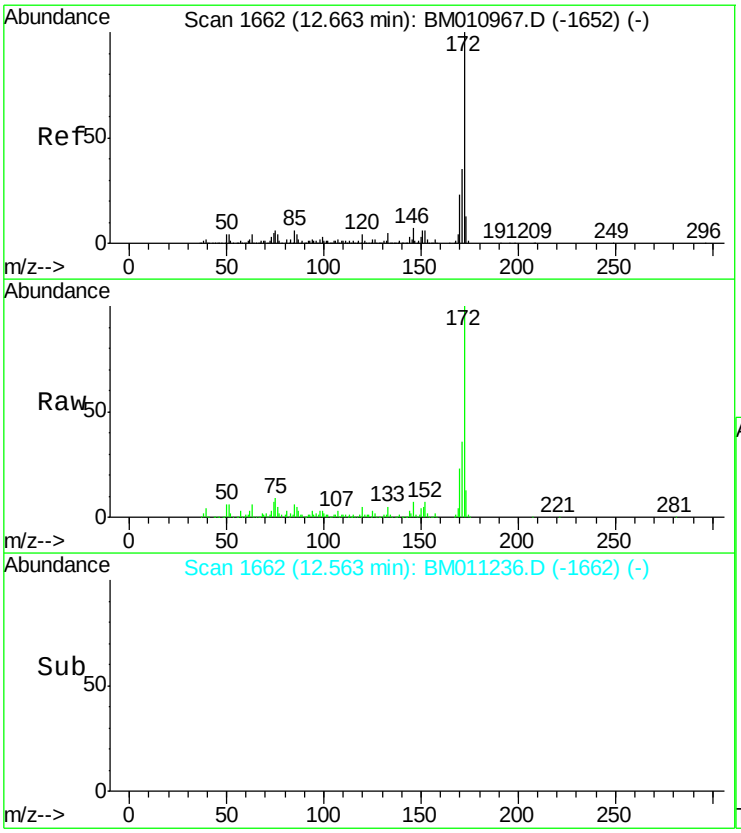
#41
2,4,6-Tribromophenol
Concen: 119.471 ng
RT: 15.47 min Scan# 2156
Delta R.T. -0.09 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Instrument :
BNA_M
ClientSampleId :
OK-02-081017

Tgt Ion:330 Resp: 513530

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	49.6	0.0	0.0#

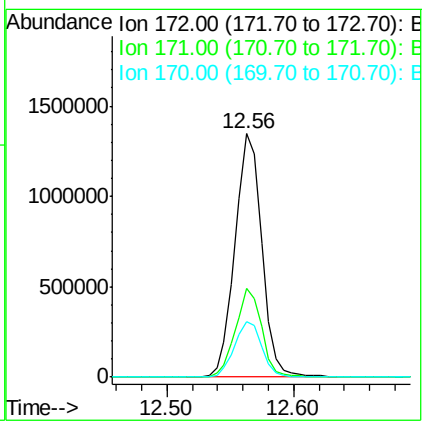


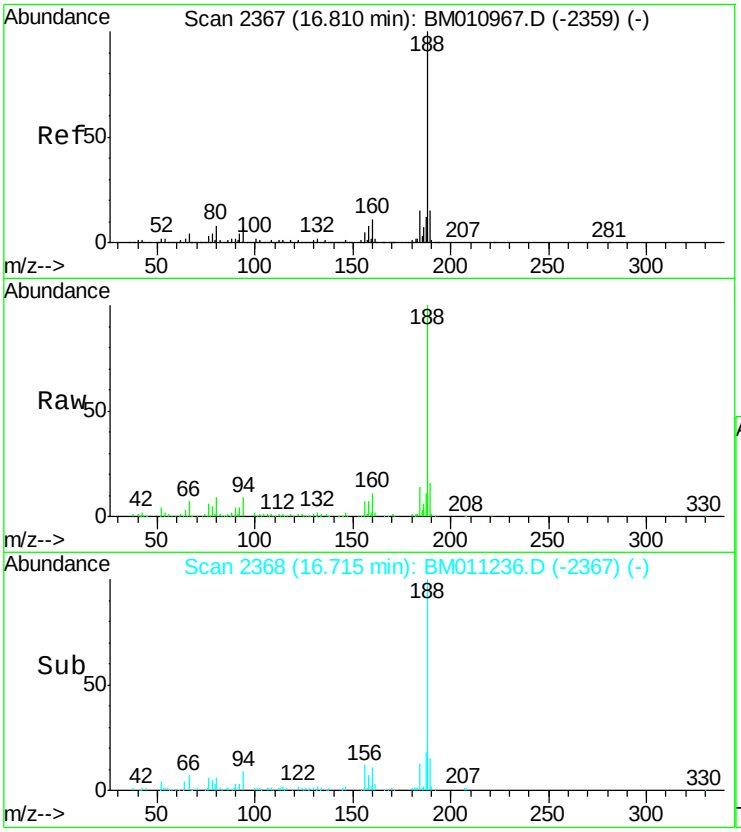


#44
2-Fluorobiphenyl
Concen: 92.435 ng
RT: 12.56 min Scan# 1662
Delta R.T. -0.10 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Tgt Ion:172 Resp: 1976607

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	22.9	18.8	28.2



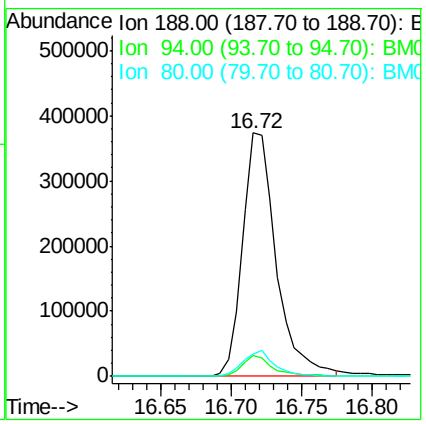


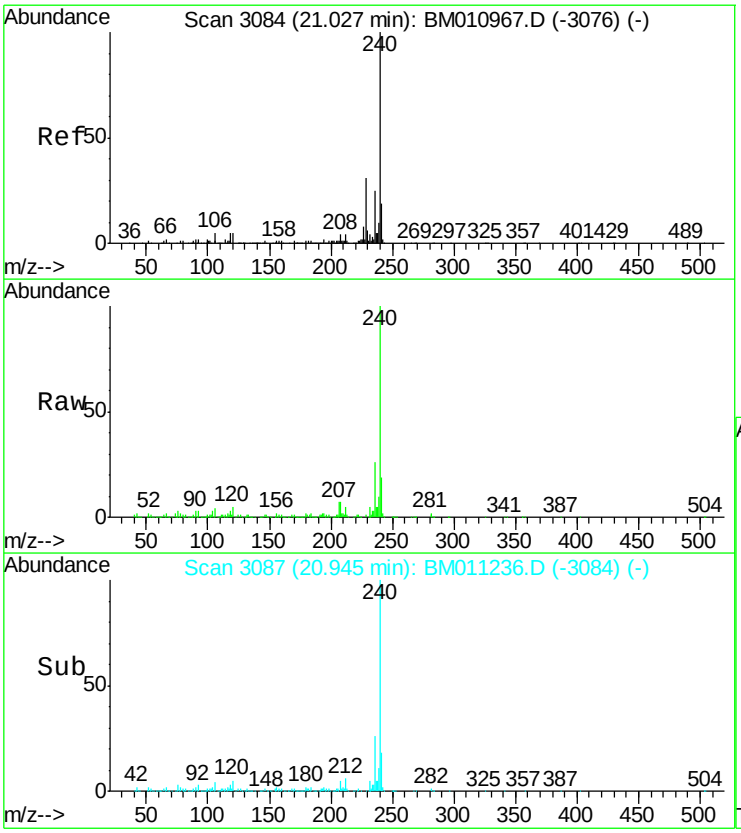
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. -0.09 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Instrument :
BNA_M
ClientSampleId :
OK-02-081017

Tgt Ion:188 Resp: 625879

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	9.2	9.3	13.9#

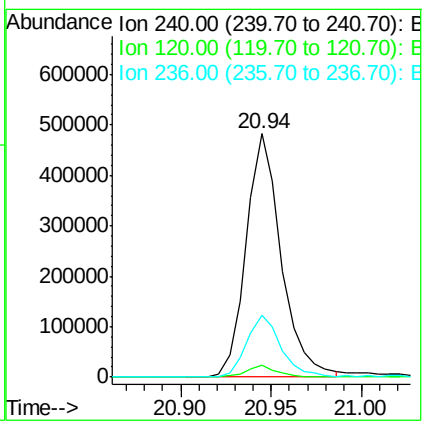


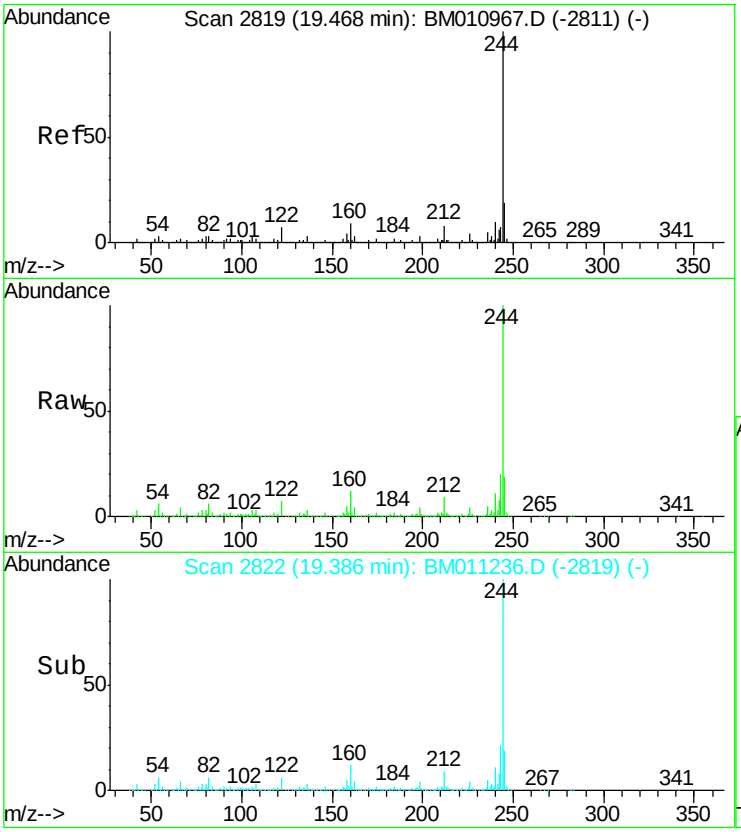


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Tgt Ion:240 Resp: 648638

Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	25.6	20.0	30.0



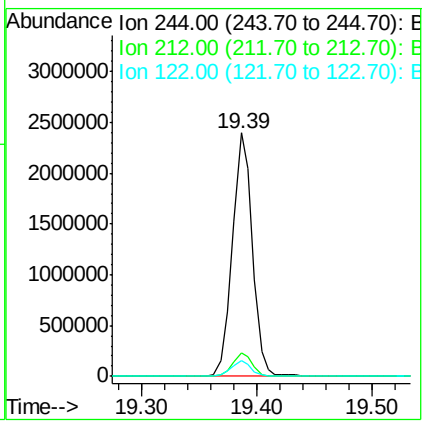


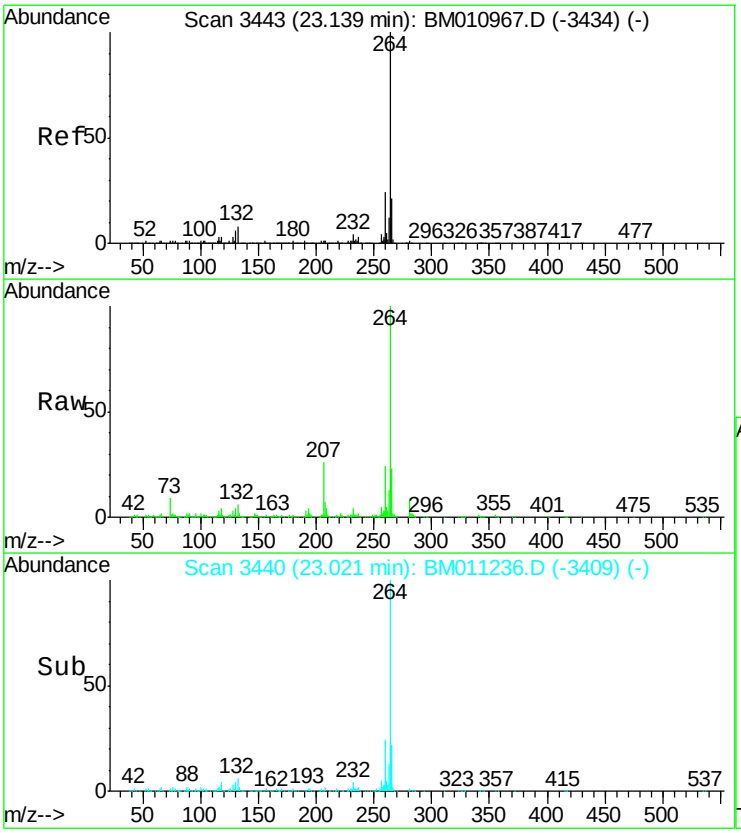
#78
Terphenyl-d14
Concen: 87.616 ng
RT: 19.39 min Scan# 2822
Delta R.T. -0.08 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Instrument :
BNA_M
ClientSampleId :
OK-02-081017

Tgt Ion:244 Resp: 2869002

Ion	Ratio	Lower	Upper
244	100		
212	9.4	4.9	7.3#
122	6.6	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3440
Delta R.T. -0.12 min
Lab File: BM011236.D
Acq: 14 Aug 2017 18:50

Tgt Ion:264 Resp: 654779

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.7	17.3	25.9