Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
Data File : BM011059.D
Acq On : 29 Jul 2017 01:32
Operator : SJ/JU
Sample : I4444-06RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-072517-BRE

Quant Time: Jul 29 03:57:54 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	143023	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	529142	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	158466	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	594107	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	179235	20.00	ng	0.00
86) Perylene-d12	23.13	264	8231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1246136	147.29	ng	0.00
7) Phenol-d6	6.58	99	1003337	83.46	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1509592	107.07	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	761216	299.71	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2652374	209.91	ng	-0.01
78) Terphenyl-d14	19.46	244	2619506	289.50	ng	0.00
Target Compounds						Qvalue

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

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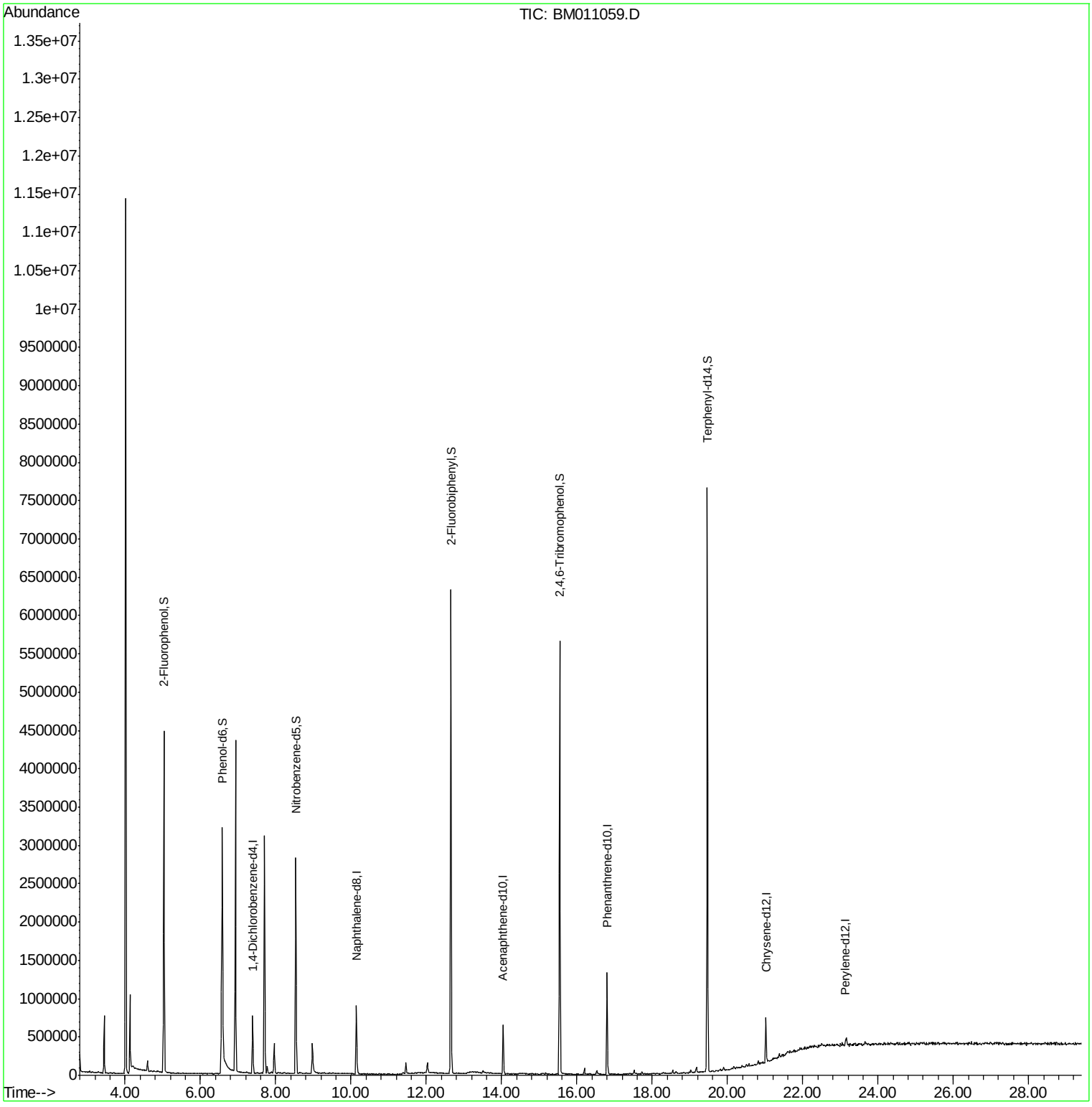
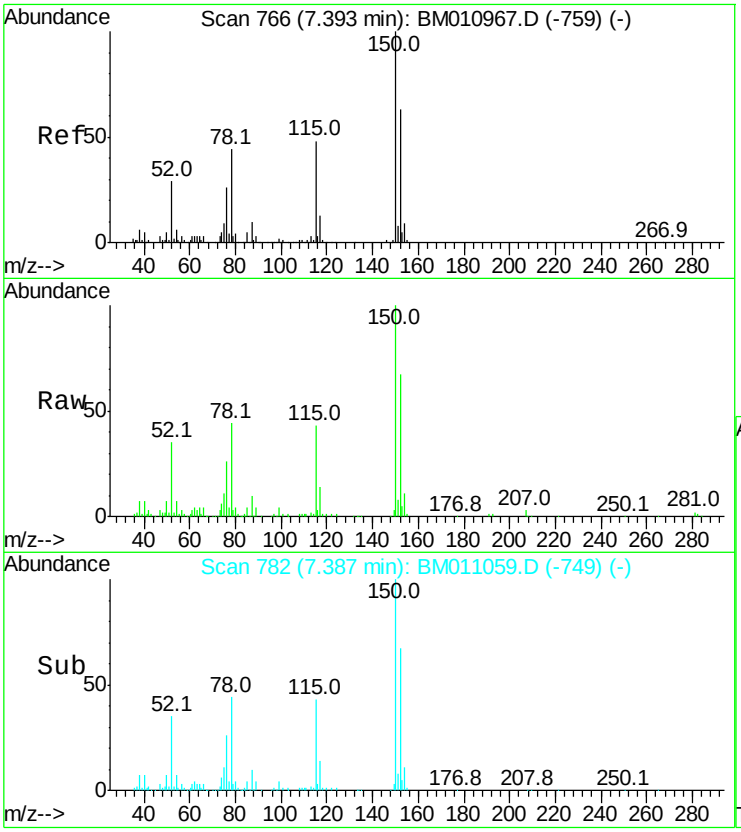


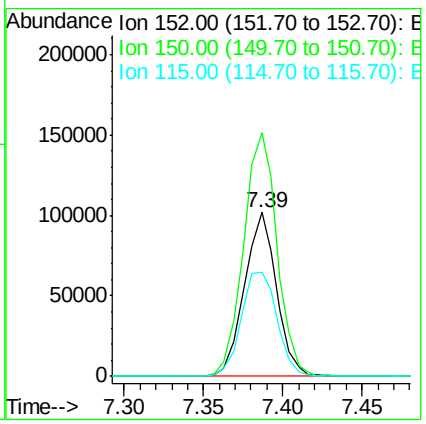


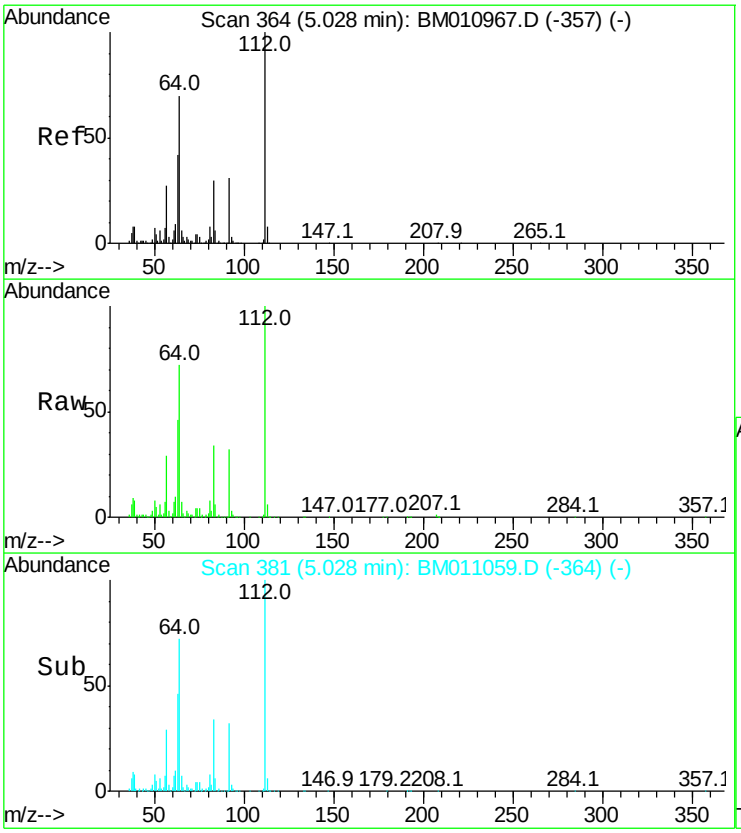
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tgt Ion:152 Resp: 143023

Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.5	179.3
115	63.1	43.0	64.4

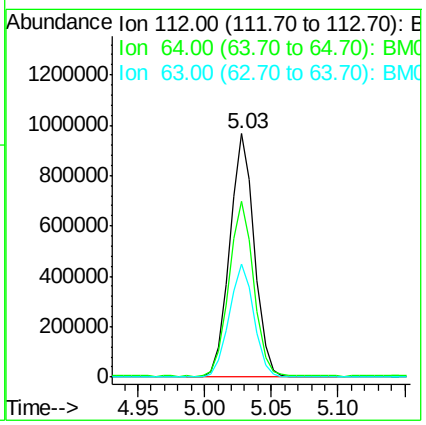


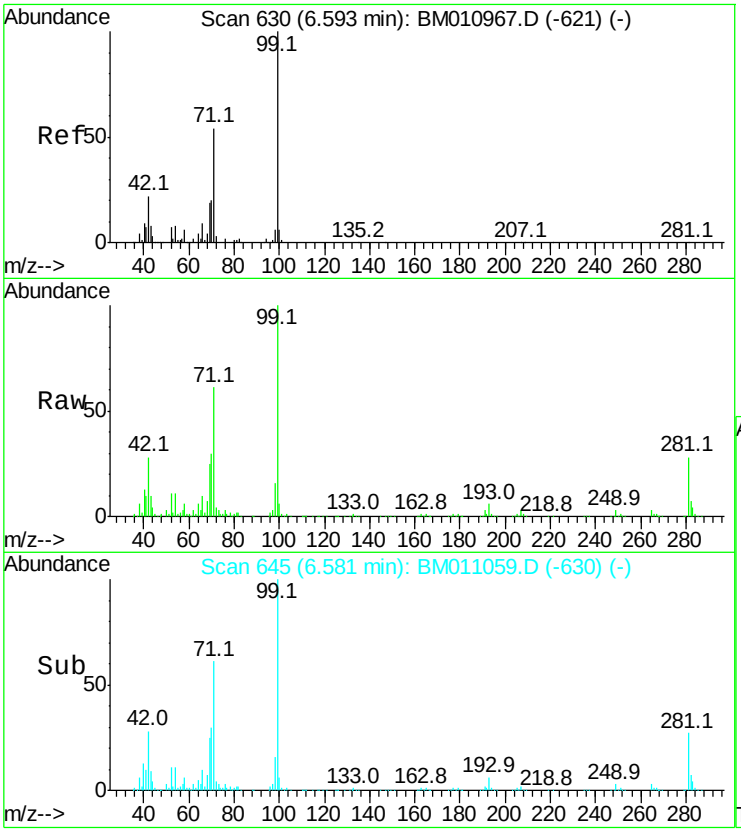


#5
2-Fluorophenol
Concen: 147.285 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:112 Resp: 1246136

Ion	Ratio	Lower	Upper
112	100		
64	72.4	38.6	57.8#
63	46.3	19.3	28.9#



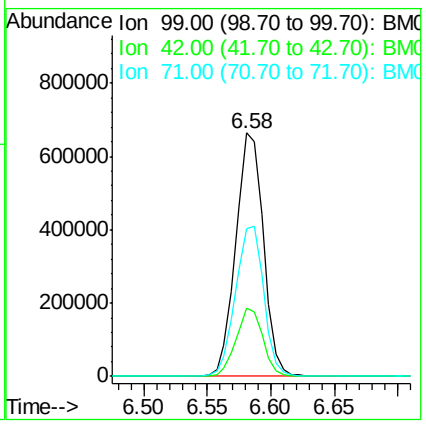


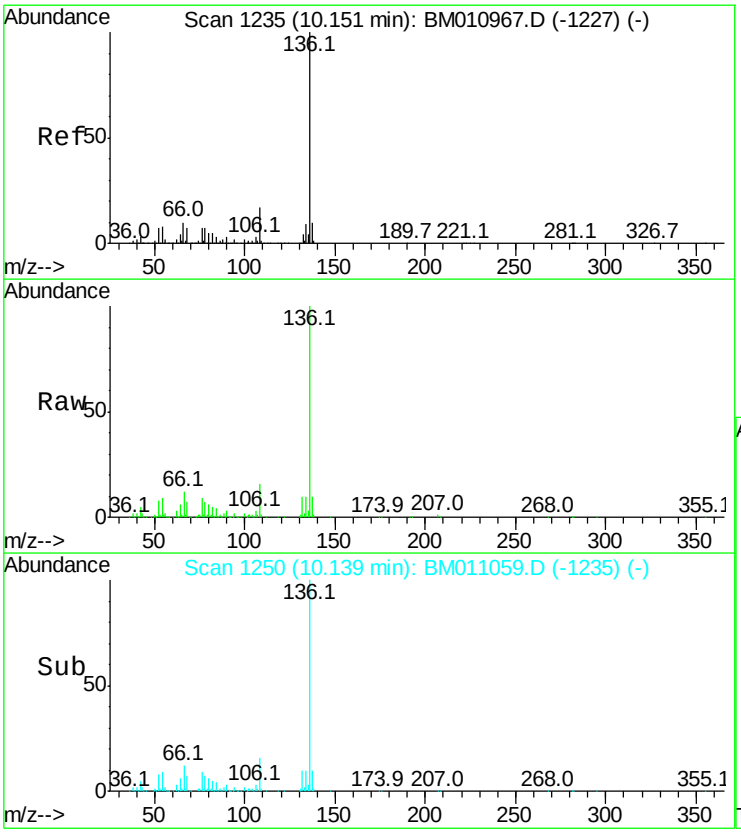
#7
Phenol-d6
Concen: 83.465 ng
RT: 6.58 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tgt Ion: 99 Resp: 1003337

Ion	Ratio	Lower	Upper
99	100		
42	27.8	11.0	16.4#
71	60.7	23.4	35.2#

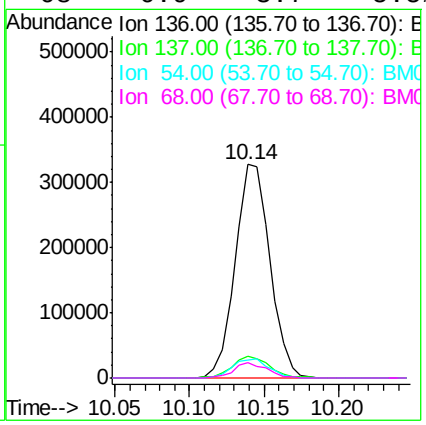


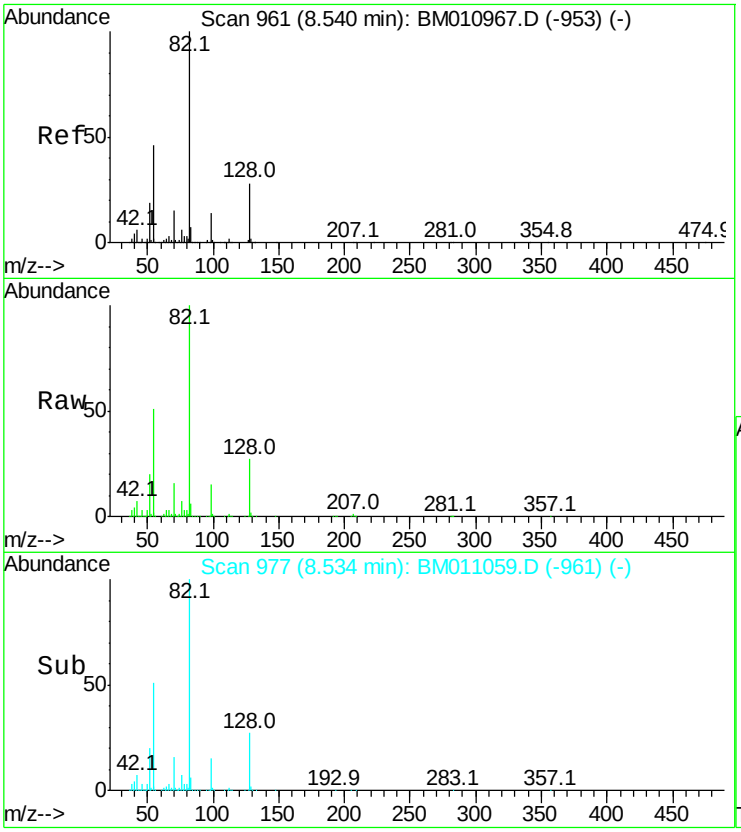


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:136 Resp: 529142

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.5	4.6	6.8#
68	6.9	3.7	5.5#



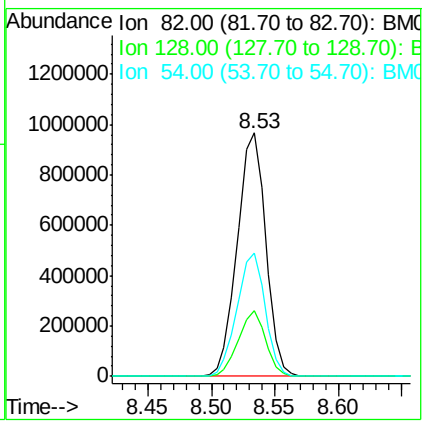


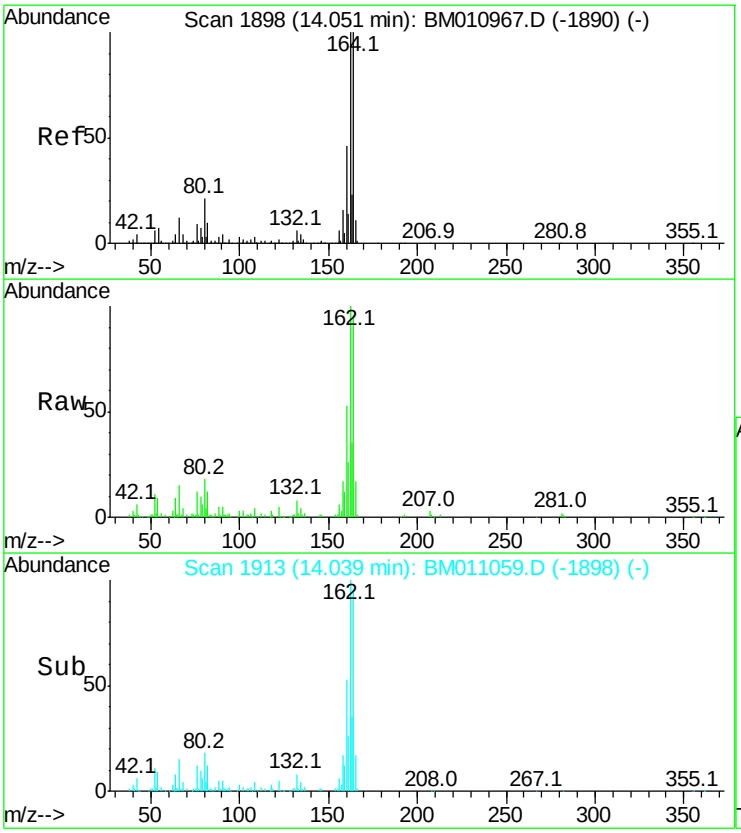
#23
Nitrobenzene-d5
Concen: 107.074 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tgt Ion: 82 Resp: 1509592

Ion	Ratio	Lower	Upper
82	100		
128	27.2	32.8	49.2#
54	50.8	40.6	60.8

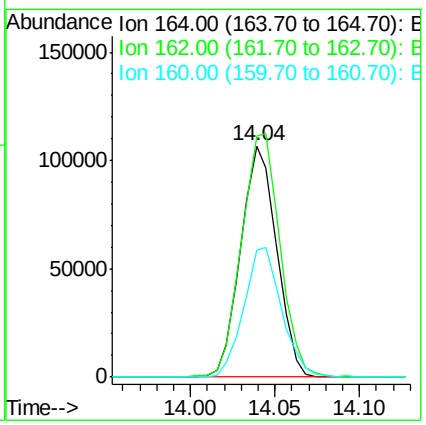


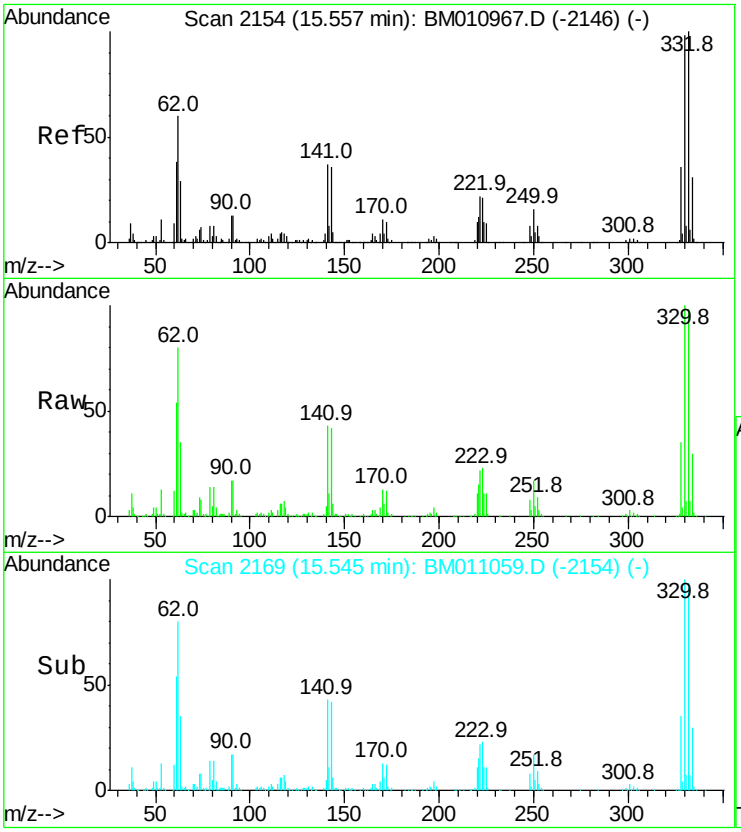


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:164 Resp: 158466

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	55.1	35.8	53.6#



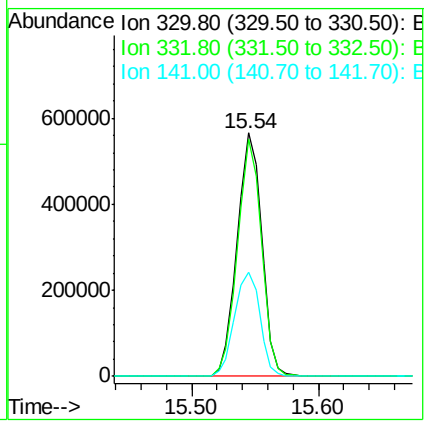


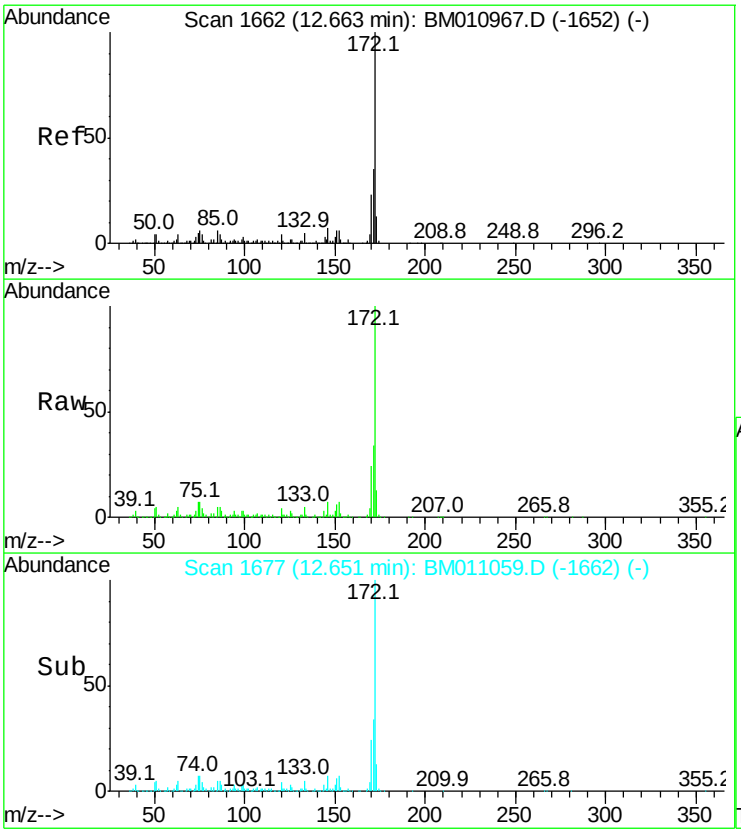
#41
2,4,6-Tribromophenol
Concen: 299.706 ng
RT: 15.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tgt Ion:330 Resp: 761216

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	44.1	0.0	0.0#

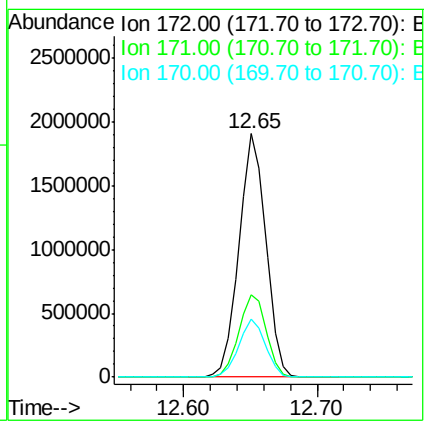


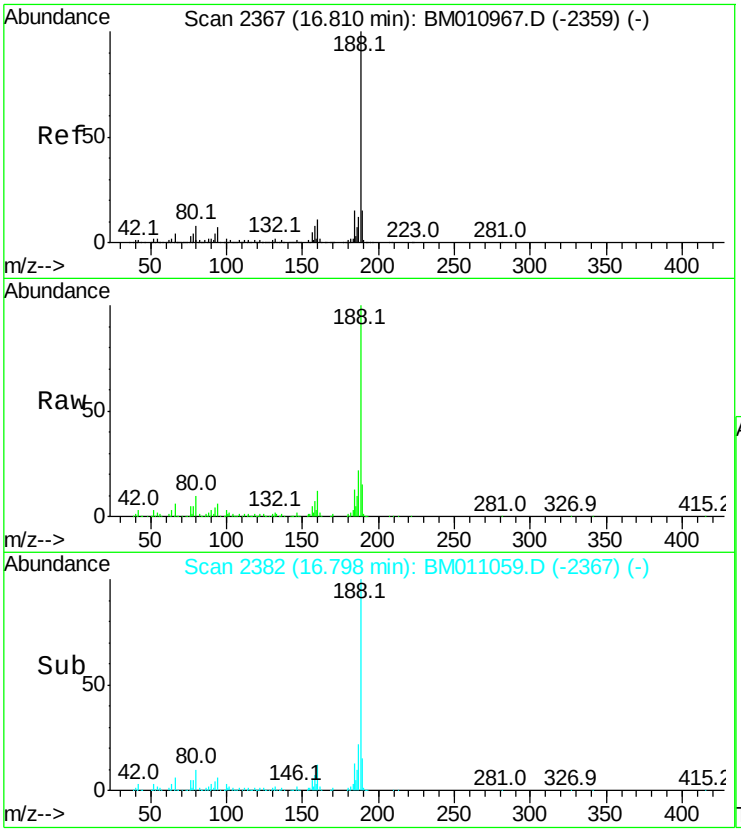


#44
2-Fluorobiphenyl
Concen: 209.915 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:172 Resp: 2652374

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	23.7	18.8	28.2



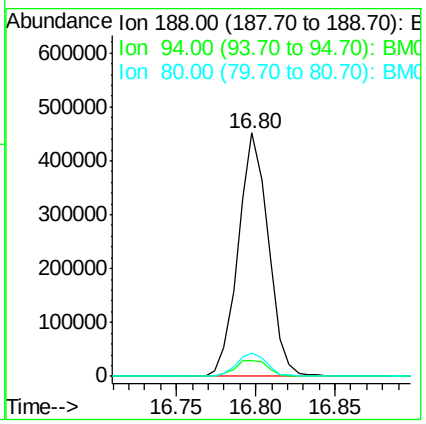


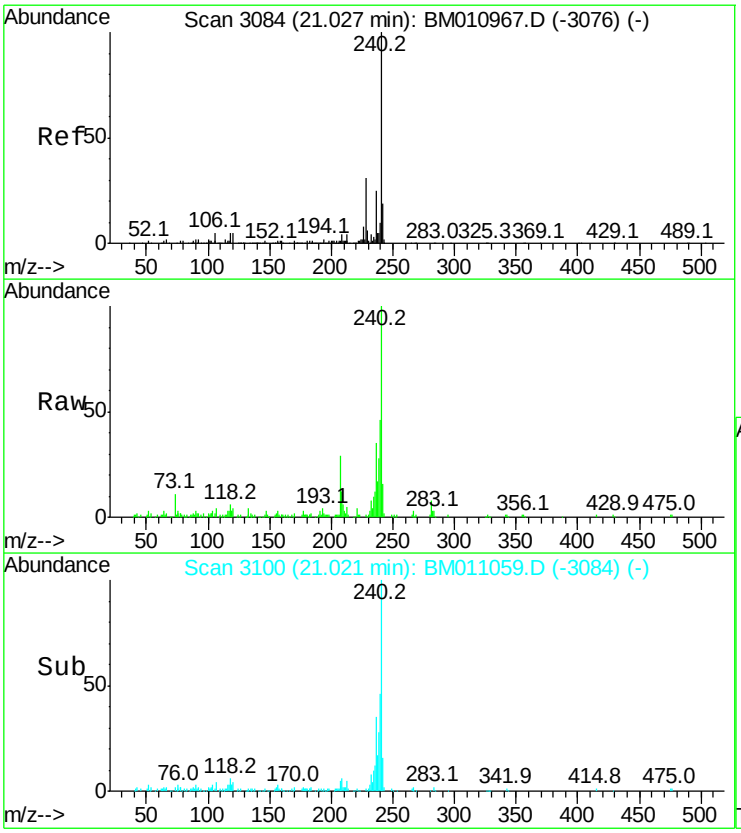
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tgt Ion:188 Resp: 594107

Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	9.8	9.3	13.9

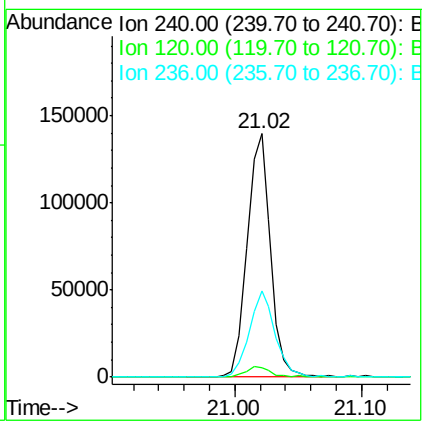


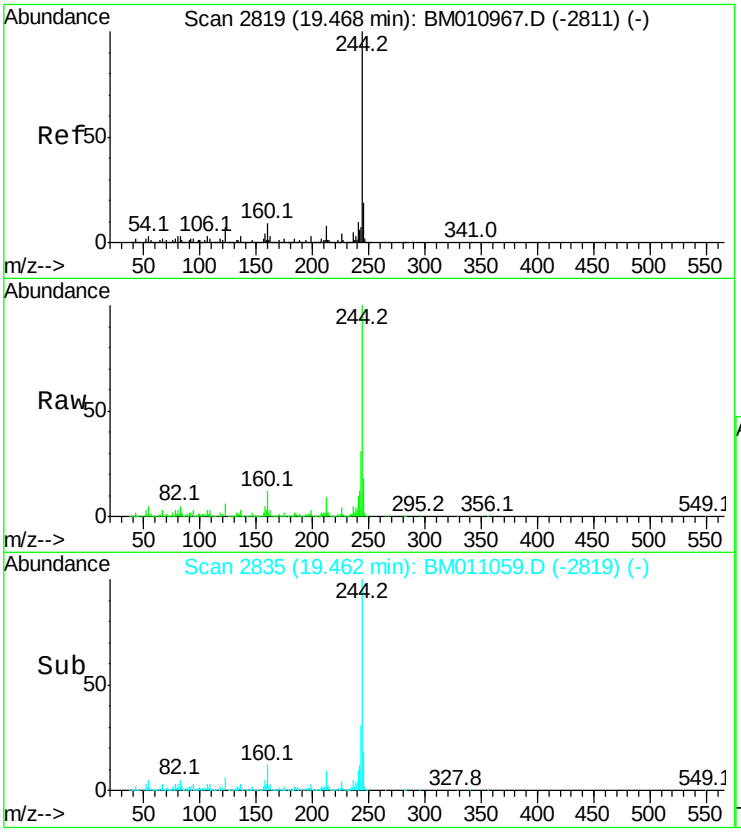


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:240 Resp: 179235

Ion	Ratio	Lower	Upper
240	100		
120	4.0	8.2	12.2#
236	35.2	20.0	30.0#



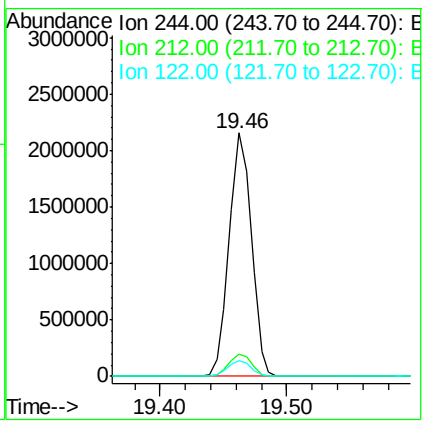


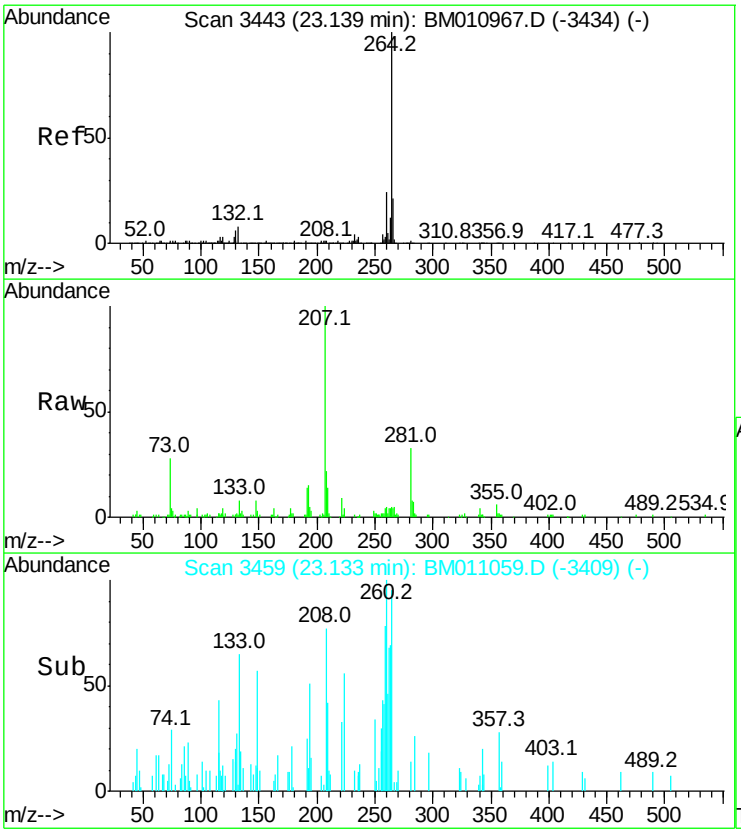
#78
Terphenyl-d14
Concen: 289.503 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tgt Ion:244 Resp: 2619506

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	6.2	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: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:264 Resp: 8231

Ion	Ratio	Lower	Upper
264	100		
260	105.1	18.6	27.8#
265	83.7	17.3	25.9#