Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
Data File : BM011252.D
Acq On : 16 Aug 2017 11:44
Operator : SJ/JU
Sample : I4793-09RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-081417-CRE

Quant Time: Aug 16 14:32:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	124419	20.00	ng	0.00
21) Naphthalene-d8	10.04	136	403298	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	138163	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	426279	20.00	ng	0.00
75) Chrysene-d12	20.94	240	183075	20.00	ng	0.00
86) Perylene-d12	23.03	264	11327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	984708	133.79	ng	0.00
7) Phenol-d6	6.49	99	894451	85.53	ng	0.00
23) Nitrobenzene-d5	8.43	82	1256429	116.93	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	432055	195.11	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1817292	164.96	ng	0.00
78) Terphenyl-d14	19.39	244	2024668	219.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	18251	2.697	ng	# 27
15) Benzyl Alcohol	7.60	79	25904	2.582	ng	# 57
87) Benzo(b)fluoranthene	22.42	252	1974	2.715	ng	# 22

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

Quantitation Report (Not Reviewed)

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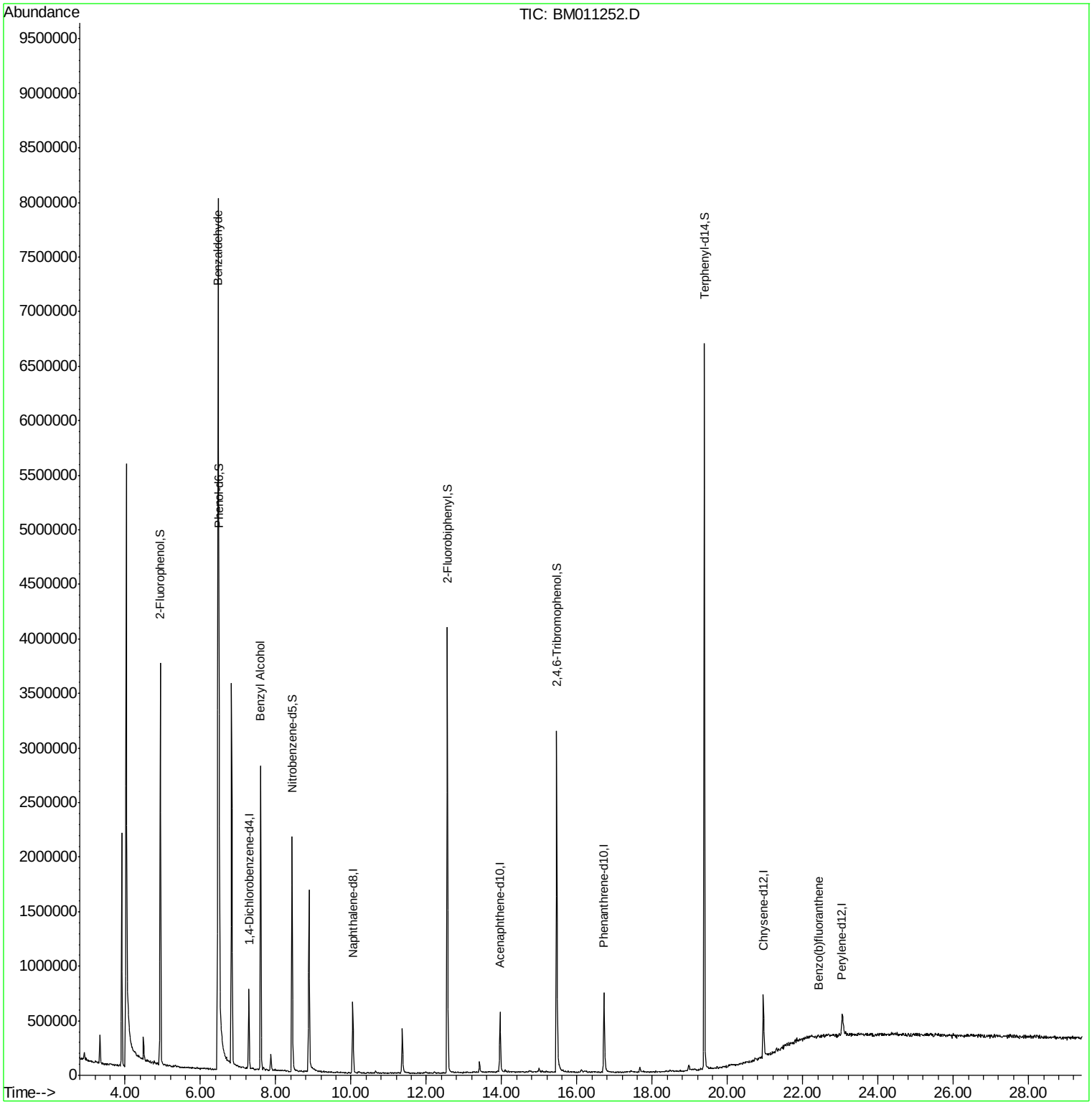
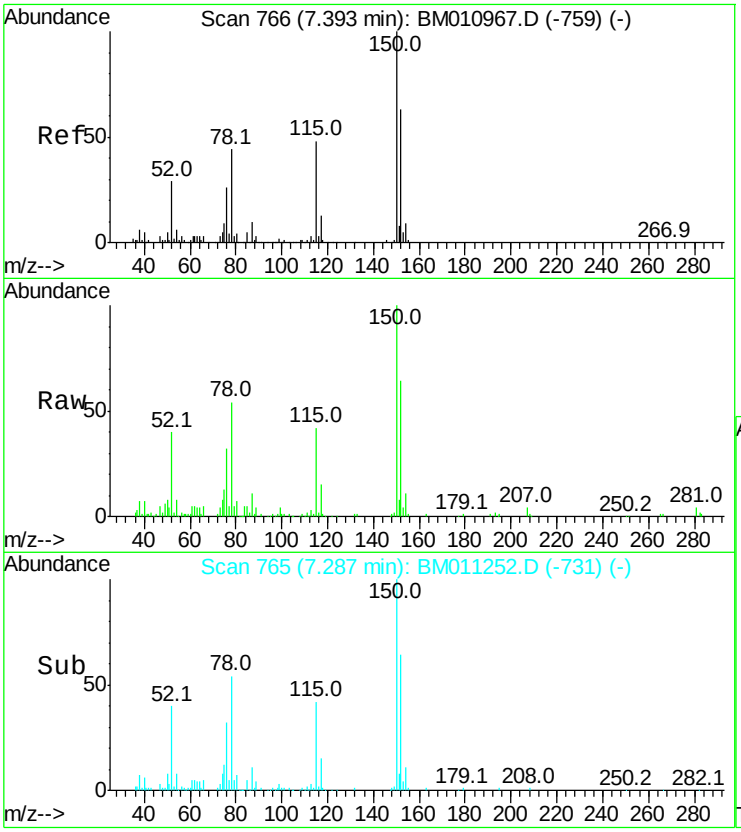


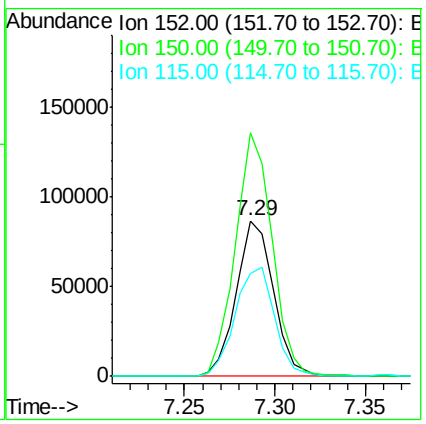


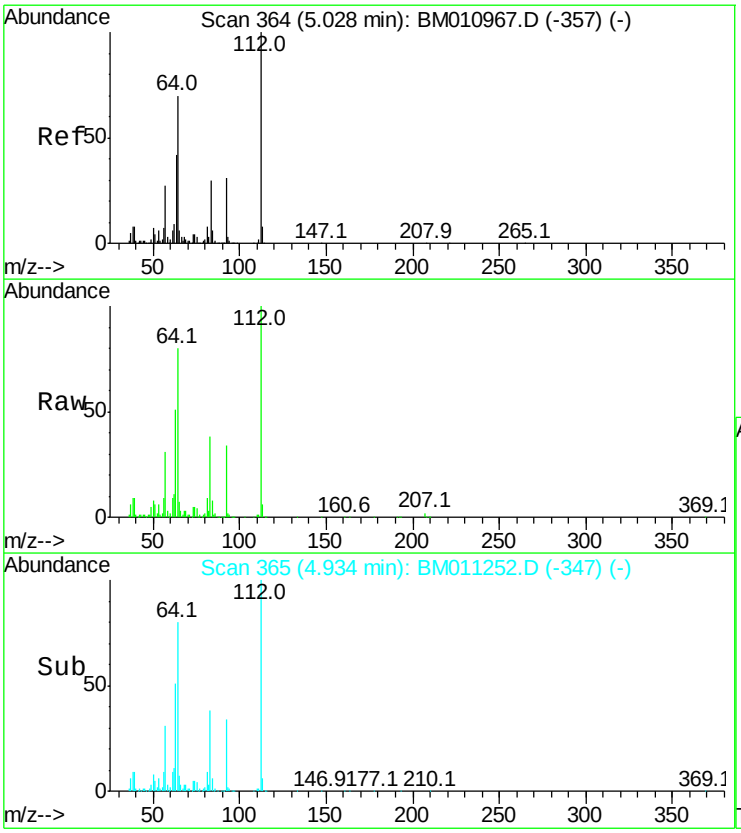
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion:152 Resp: 124419

Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	66.3	43.0	64.4#

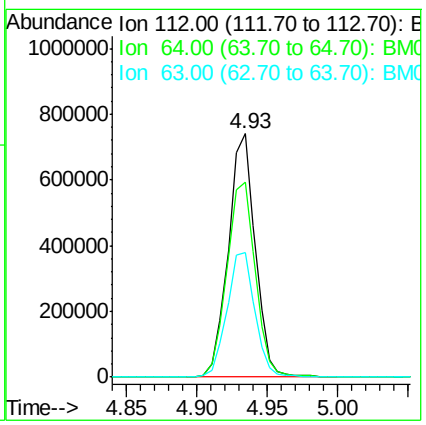


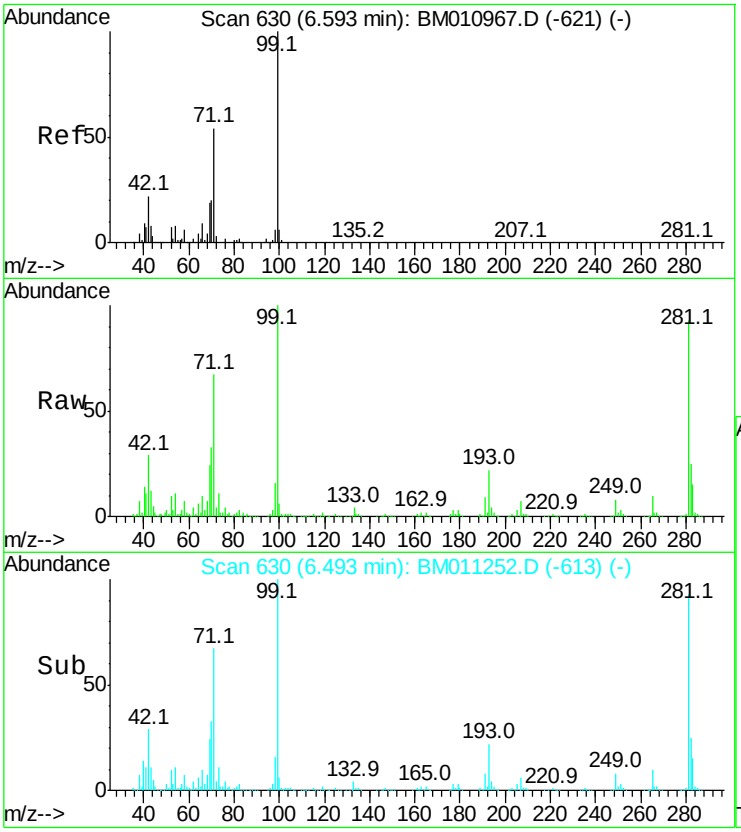


#5
2-Fluorophenol
Concen: 133.789 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion:112 Resp: 984708

Ion	Ratio	Lower	Upper
112	100		
64	80.2	38.6	57.8#
63	51.4	19.3	28.9#



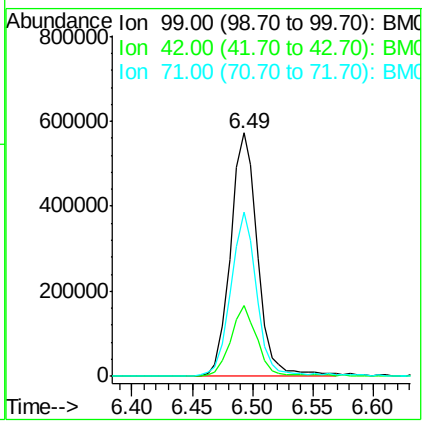


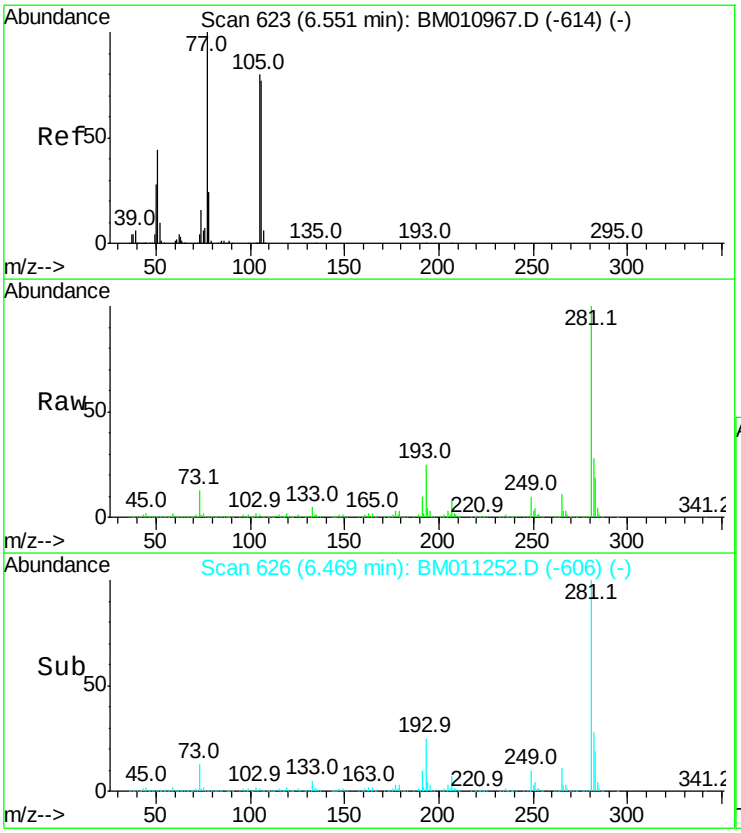
#7
Phenol-d6
Concen: 85.533 ng
RT: 6.49 min Scan# 630
Delta R.T. 0.00 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion: 99 Resp: 894451

Ion	Ratio	Lower	Upper
99	100		
42	29.2	11.0	16.4#
71	67.4	23.4	35.2#

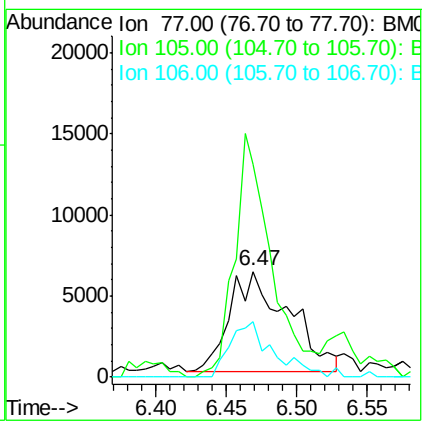


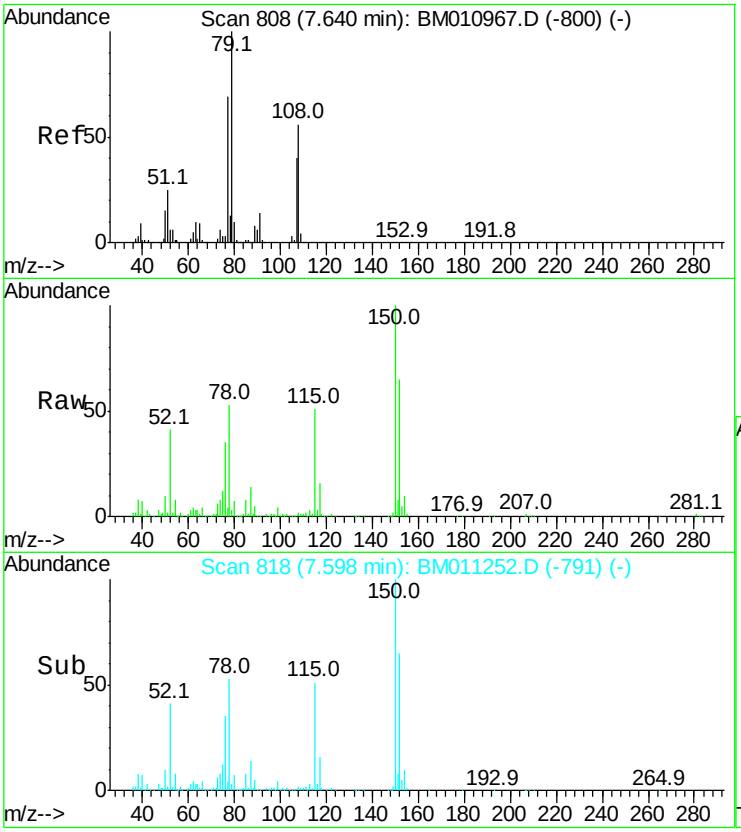


#9
Benzaldehyde
Concen: 2.697 ng
RT: 6.47 min Scan# 626
Delta R.T. 0.02 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion: 77 Resp: 18251

Ion	Ratio	Lower	Upper
77	100		
105	201.0	78.8	118.8#
106	52.8	73.7	113.7#



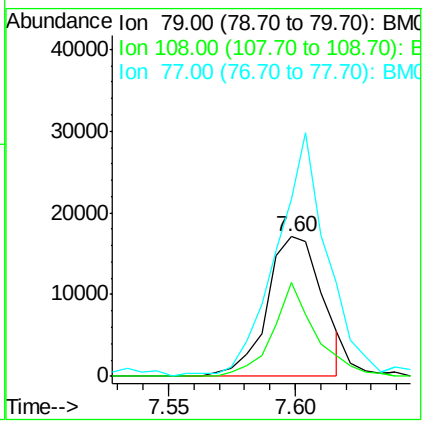


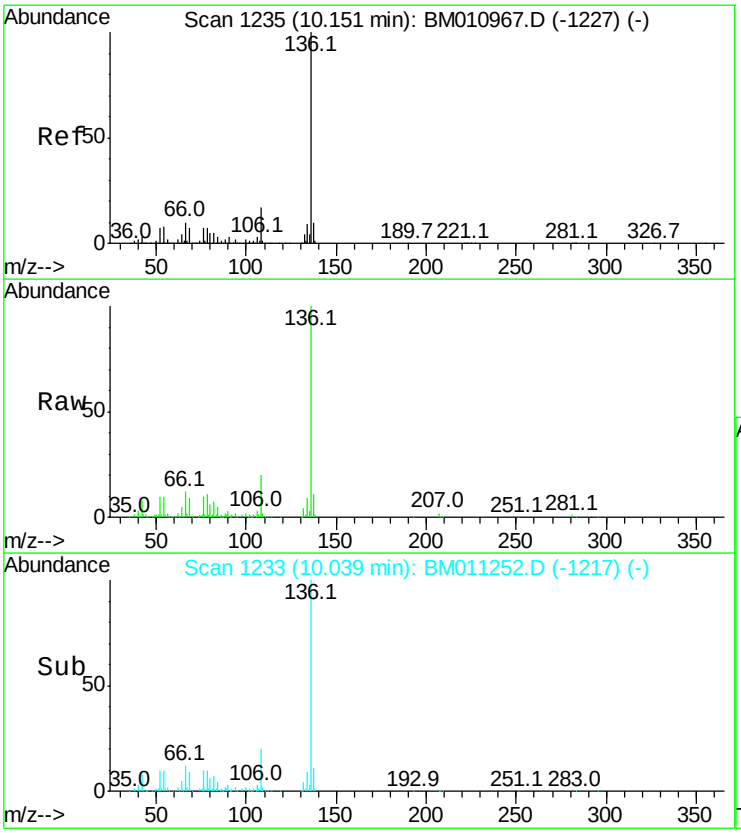
#15
Benzyl Alcohol
Concen: 2.582 ng
RT: 7.60 min Scan# 818
Delta R.T. 0.06 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion: 79 Resp: 25904

Ion	Ratio	Lower	Upper
79	100		
108	67.1	65.0	97.4
77	126.9	53.0	79.6#

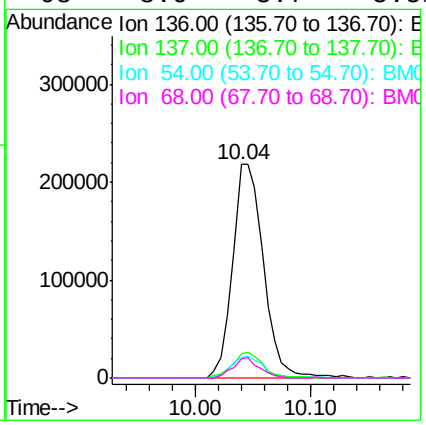


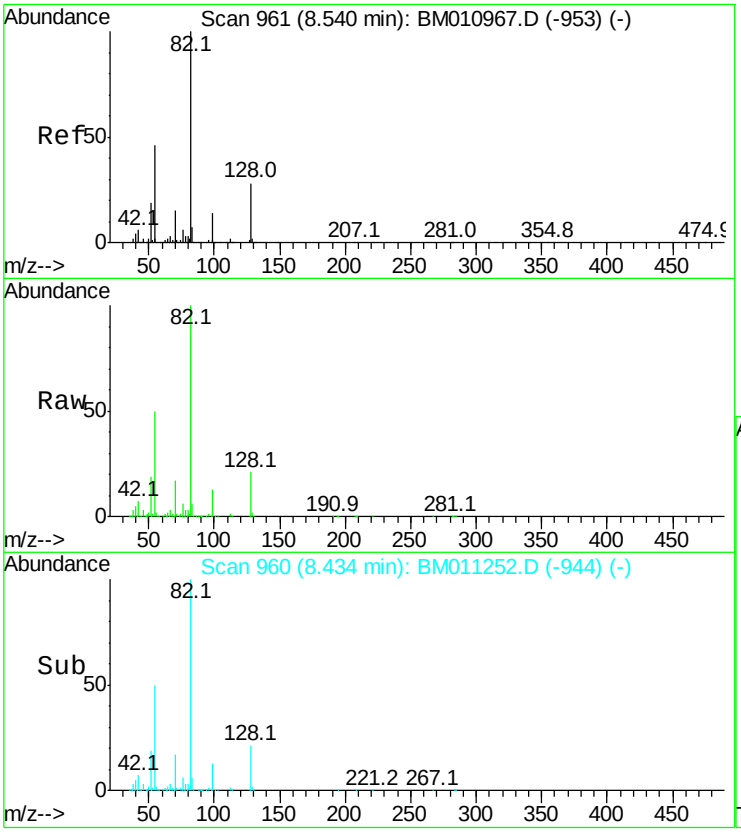


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.04 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion:136 Resp: 403298

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	4.6	6.8#
68	8.9	3.7	5.5#



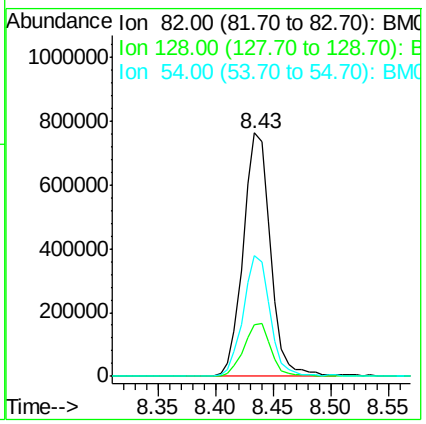


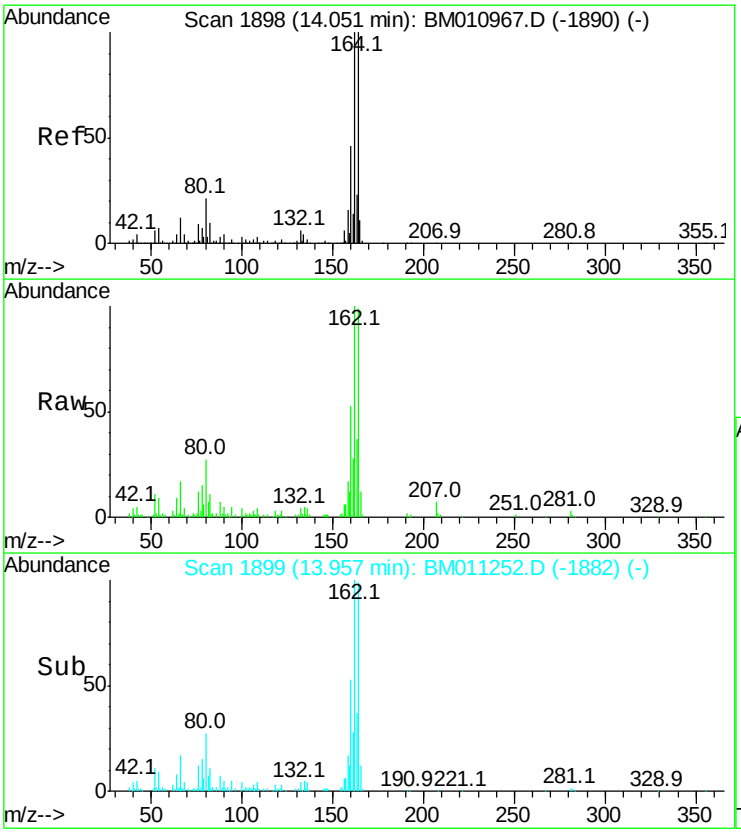
#23
Nitrobenzene-d5
Concen: 116.925 ng
RT: 8.43 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion: 82 Resp: 1256429

Ion	Ratio	Lower	Upper
82	100		
128	21.4	32.8	49.2#
54	49.6	40.6	60.8

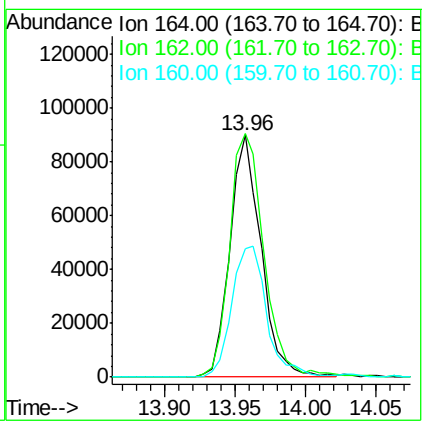


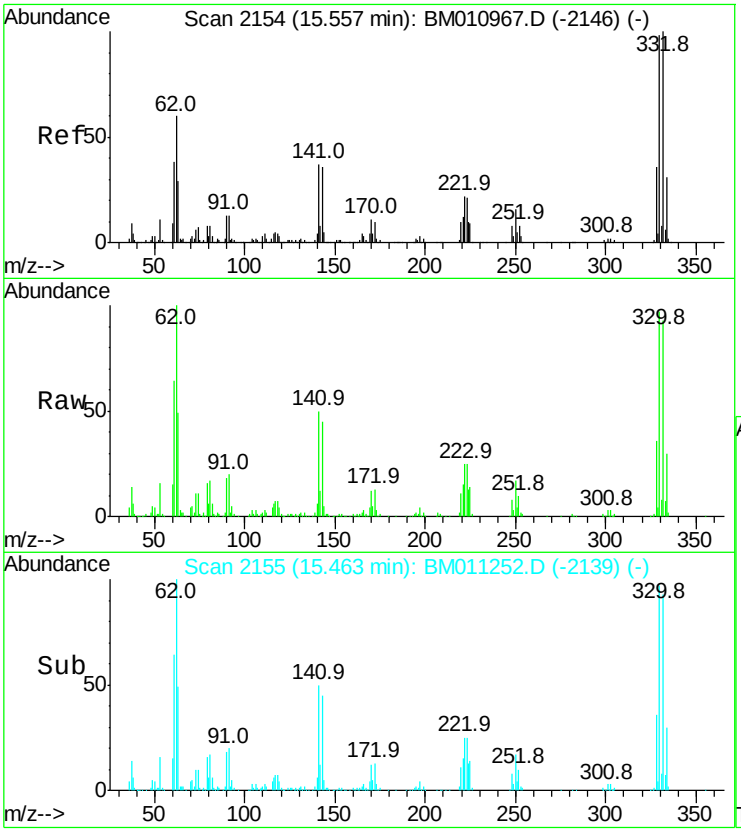


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion:164 Resp: 138163

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	53.1	35.8	53.6



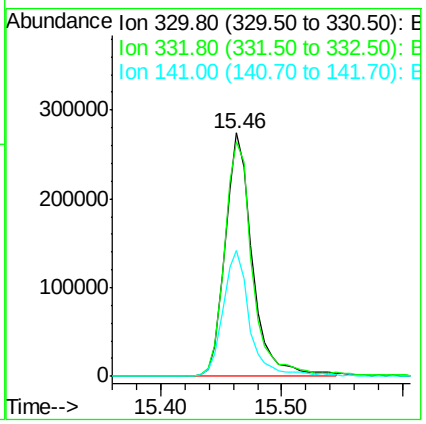


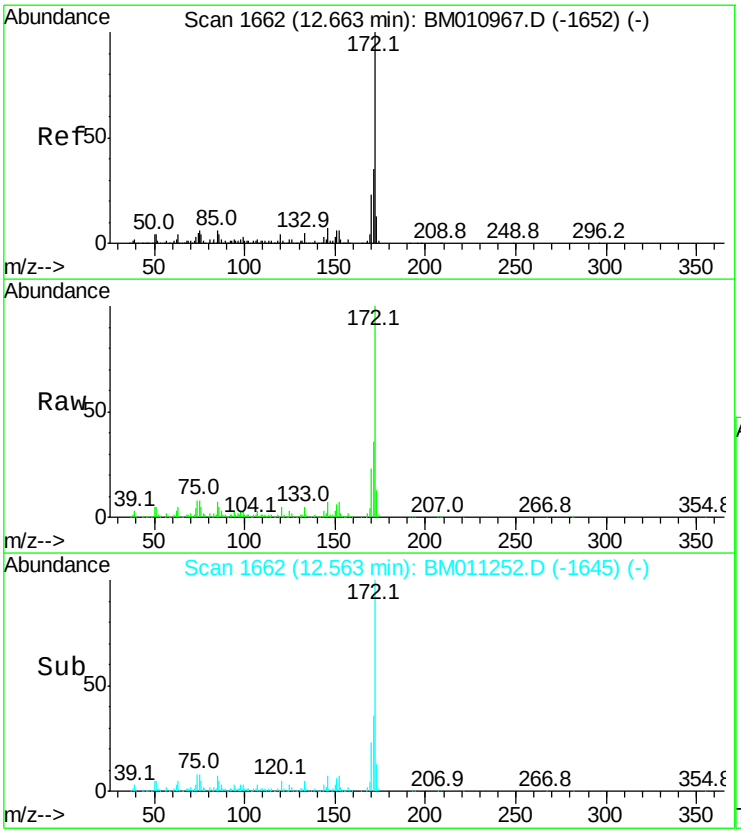
#41
2,4,6-Tribromophenol
Concen: 195.106 ng
RT: 15.46 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion:330 Resp: 432055

Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	49.6	0.0	0.0#

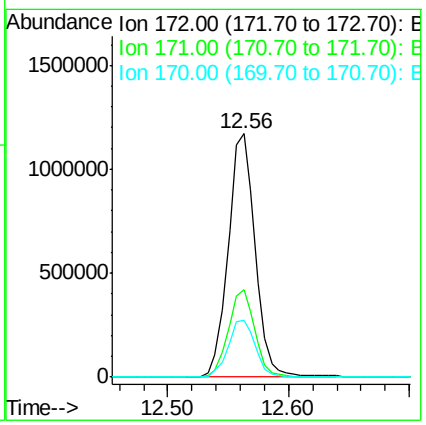


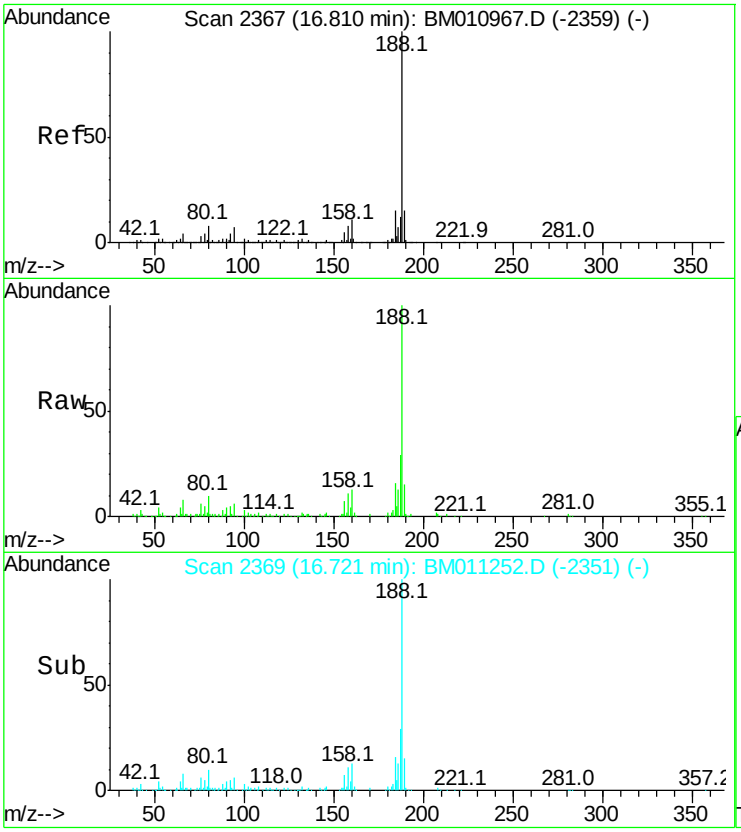


#44
2-Fluorobiphenyl
Concen: 164.960 ng
RT: 12.56 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion:172 Resp: 1817292

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.1	18.8	28.2



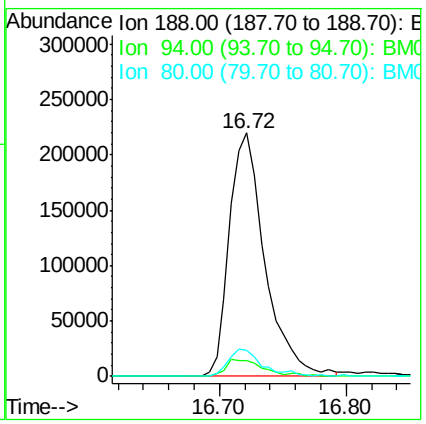


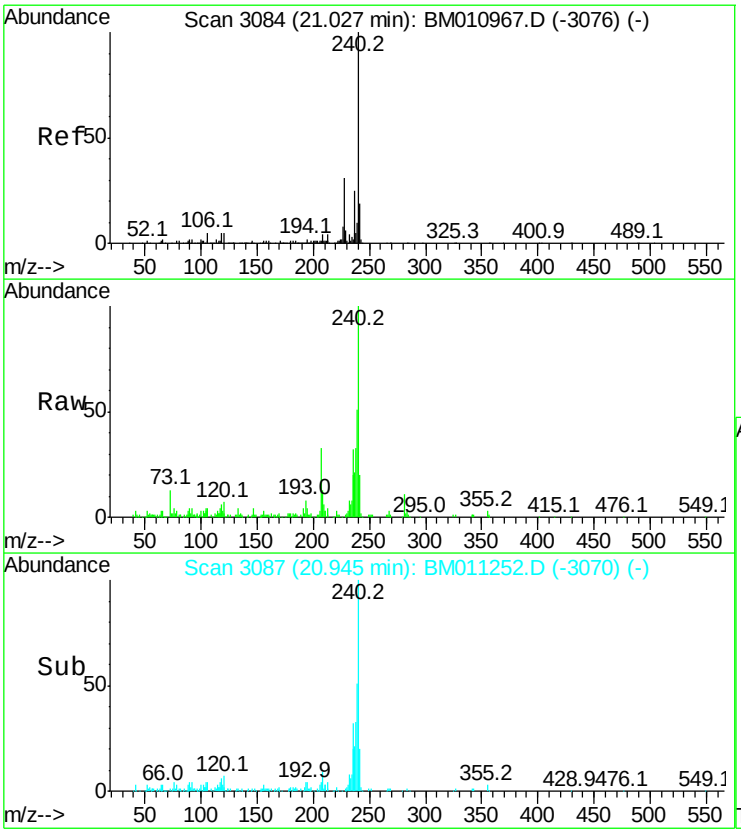
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion:188 Resp: 426279

Ion	Ratio	Lower	Upper
188	100		
94	6.3	8.7	13.1#
80	10.4	9.3	13.9

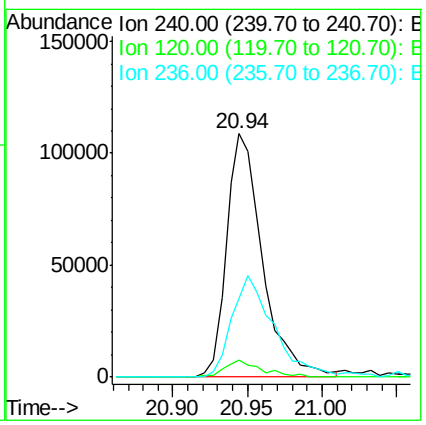


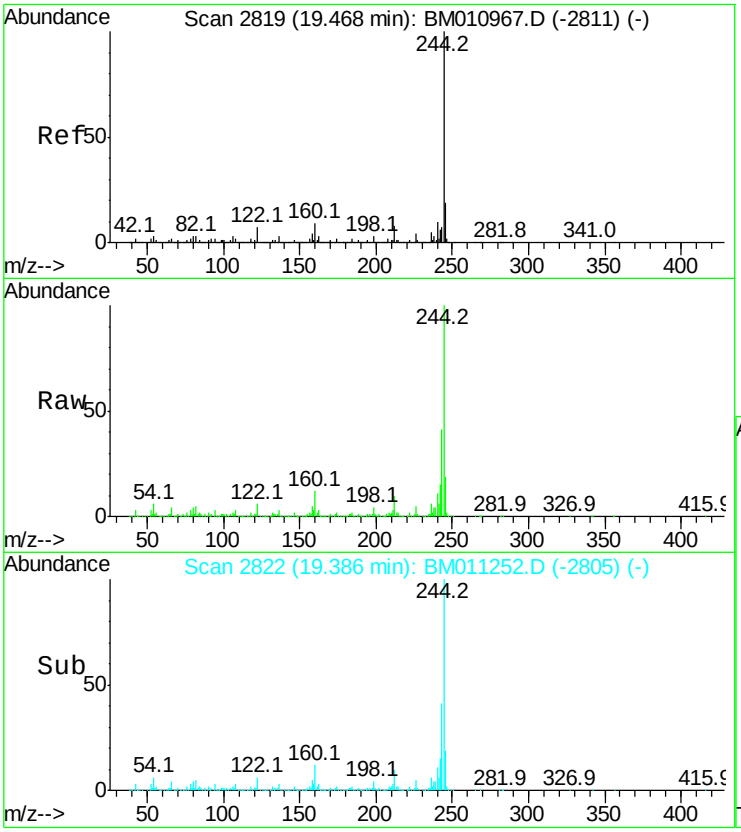


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion:240 Resp: 183075

Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.2	12.2#
236	32.3	20.0	30.0#



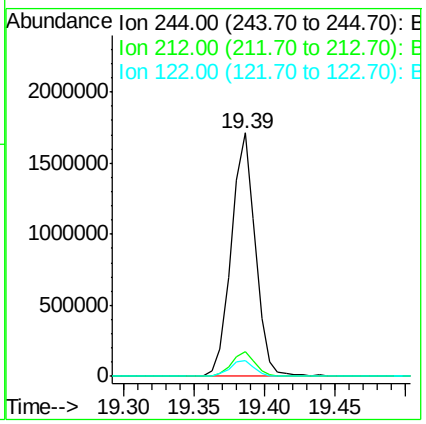


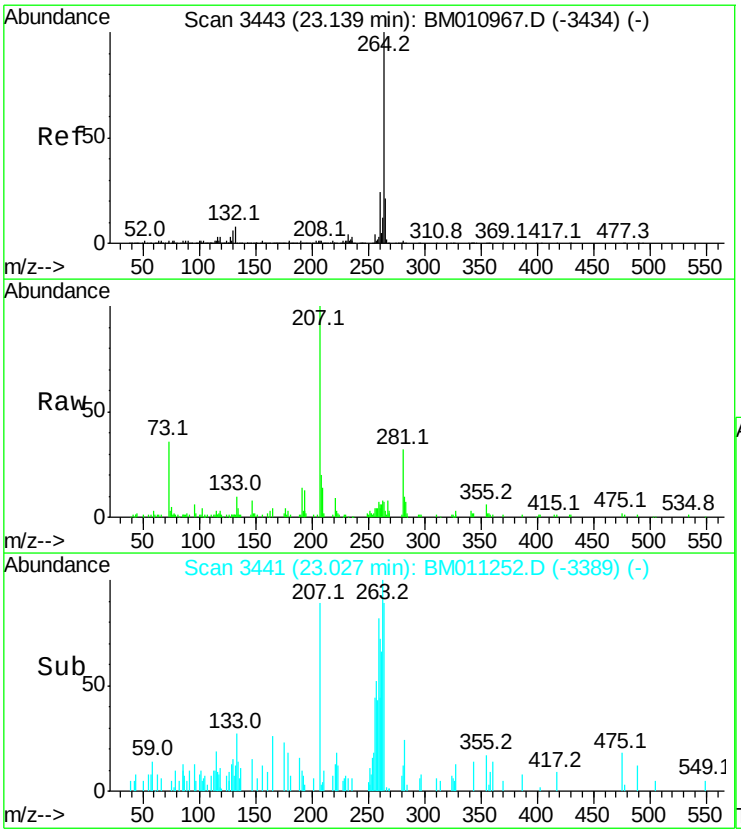
#78
Terphenyl-d14
Concen: 219.069 ng
RT: 19.39 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion:244 Resp: 2024668

Ion	Ratio	Lower	Upper
244	100		
212	10.0	4.9	7.3#
122	6.4	6.2	9.4

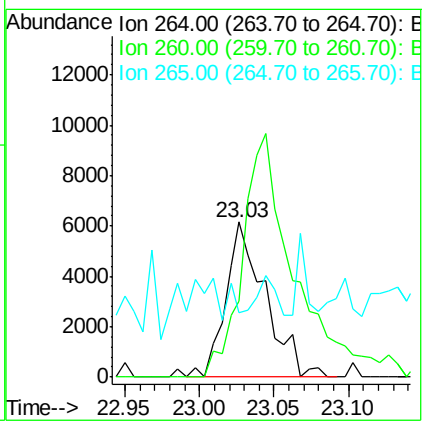


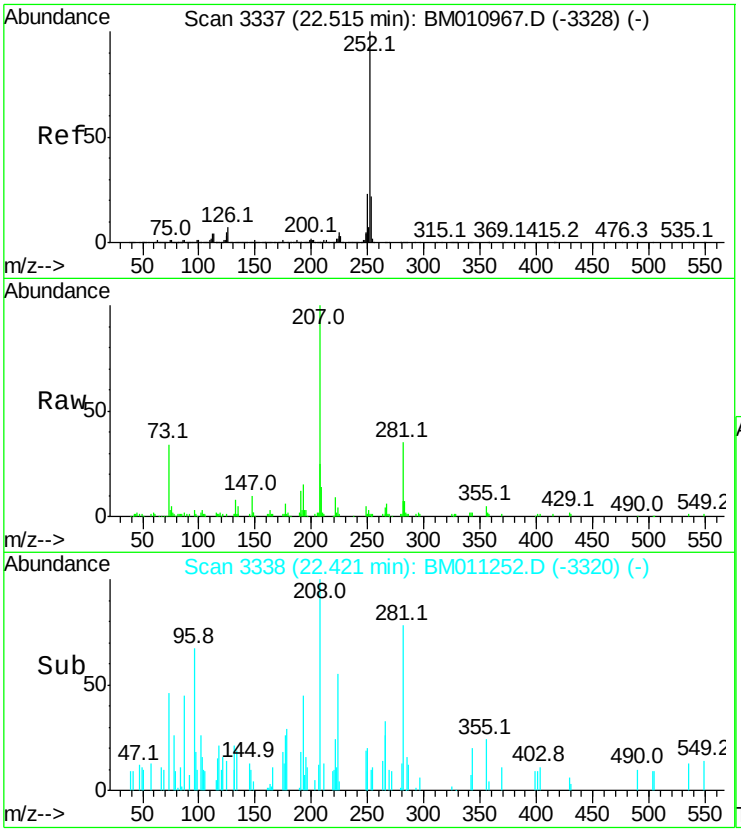


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Tgt Ion:264 Resp: 11327

Ion	Ratio	Lower	Upper
264	100		
260	49.0	18.6	27.8#
265	41.4	17.3	25.9#





#87
Benzo(b)fluoranthene
Concen: 2.715 ng
RT: 22.42 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BM011252.D
Acq: 16 Aug 2017 11:44

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-CRE

Tgt Ion:252 Resp: 1974

Ion	Ratio	Lower	Upper
252	100		
253	59.2	18.0	27.0#
125	44.1	9.9	14.9#