Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011193.D
Acq On : 10 Aug 2017 02:23
Operator : SJ/JU
Sample : I4657-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-080717-E

Quant Time: Aug 10 03:47:18 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	138403	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	467514	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	301104	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	737410	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	1058174	20.00	ng	-0.08
86) Perylene-d12	23.02	264	1065293	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1120712	136.88	ng	-0.09
7) Phenol-d6	6.50	99	1415778	121.71	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1493553	119.90	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	658712	136.49	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2374866	98.92	ng	-0.09
78) Terphenyl-d14	19.39	244	4164960	77.97	ng	-0.08
Target Compounds						Qvalue

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

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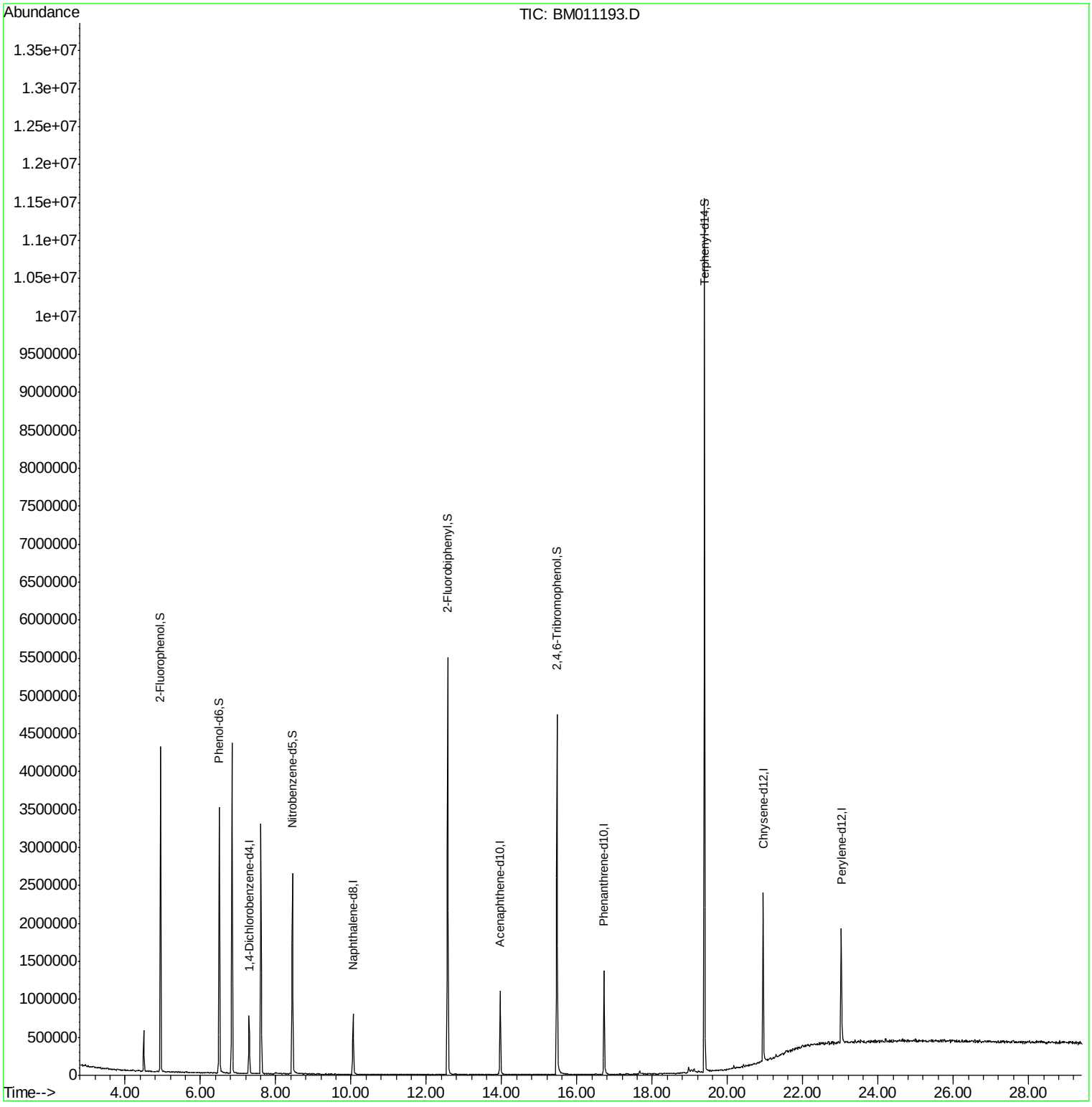
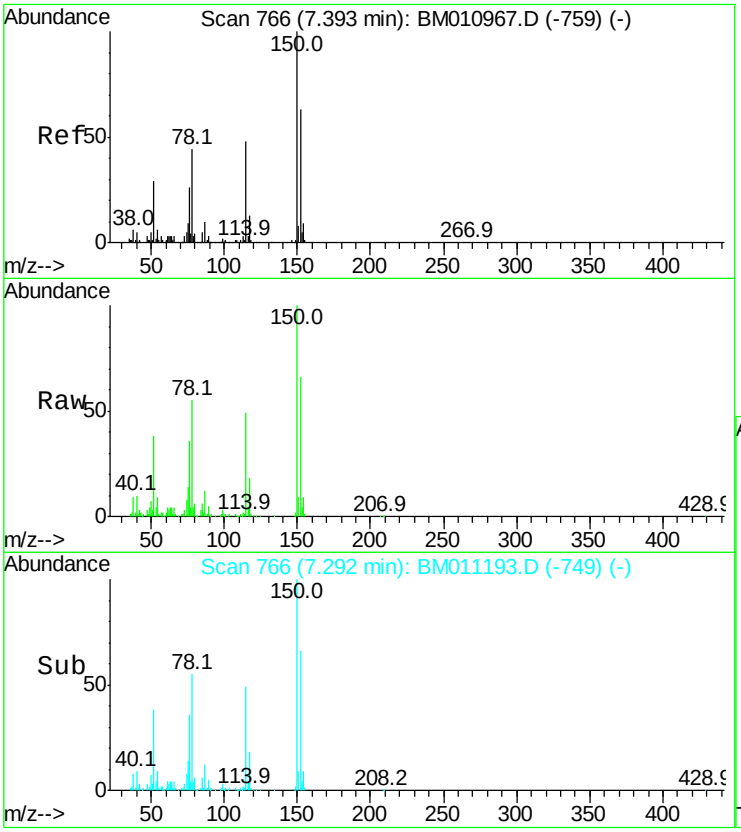


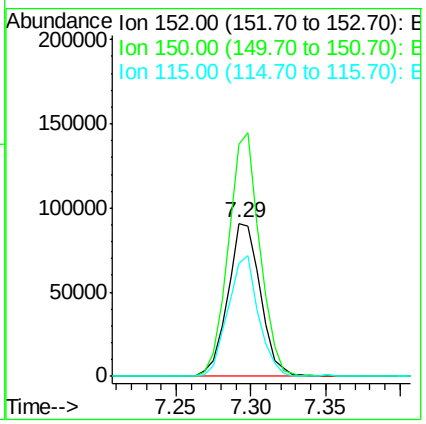


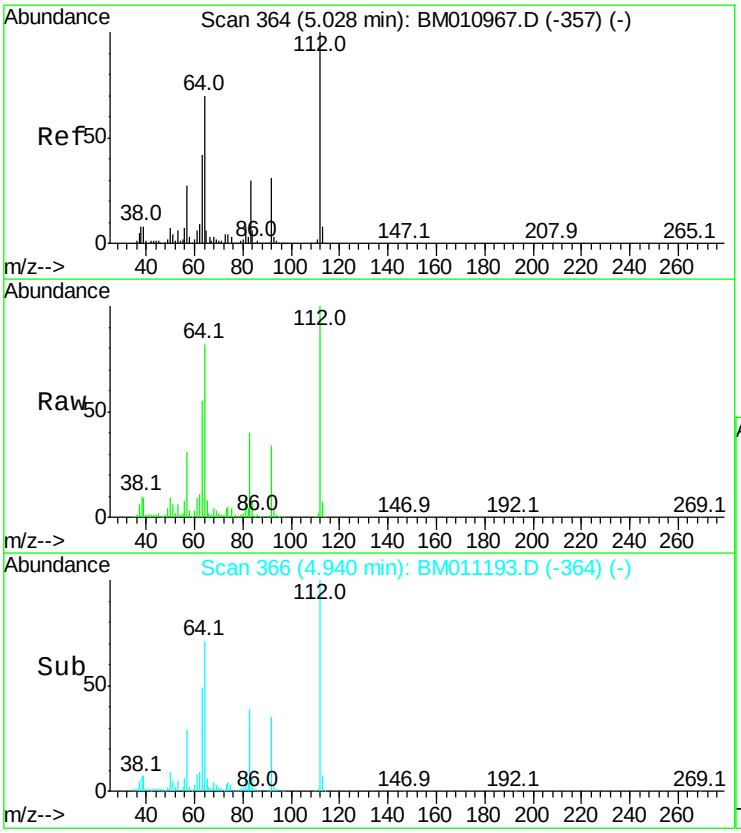
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-E

Tgt Ion:152 Resp: 138403

Ion	Ratio	Lower	Upper
152	100		
150	151.6	119.5	179.3
115	74.2	43.0	64.4#

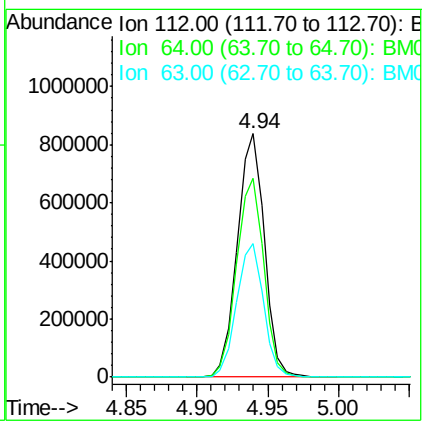


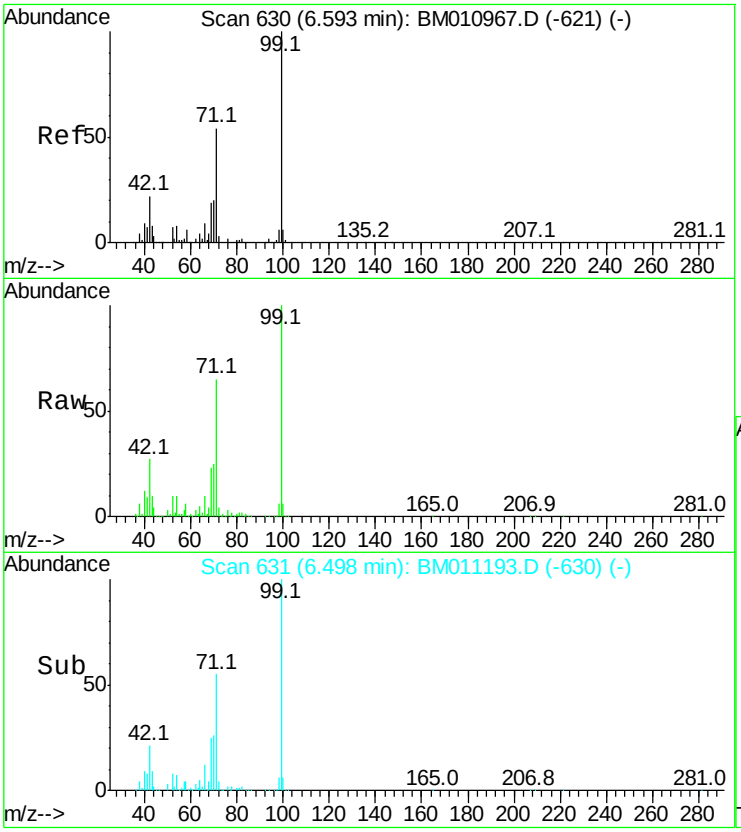


#5
2-Fluorophenol
Concen: 136.883 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Tgt Ion:112 Resp: 1120712

Ion	Ratio	Lower	Upper
112	100		
64	81.6	38.6	57.8#
63	54.7	19.3	28.9#



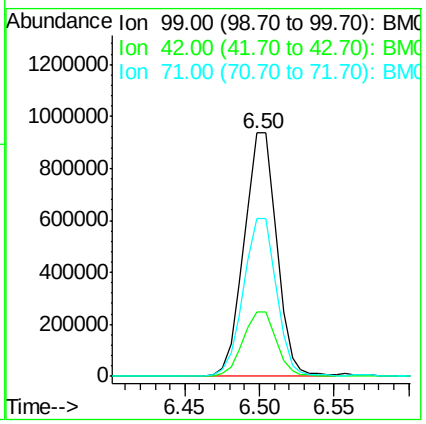


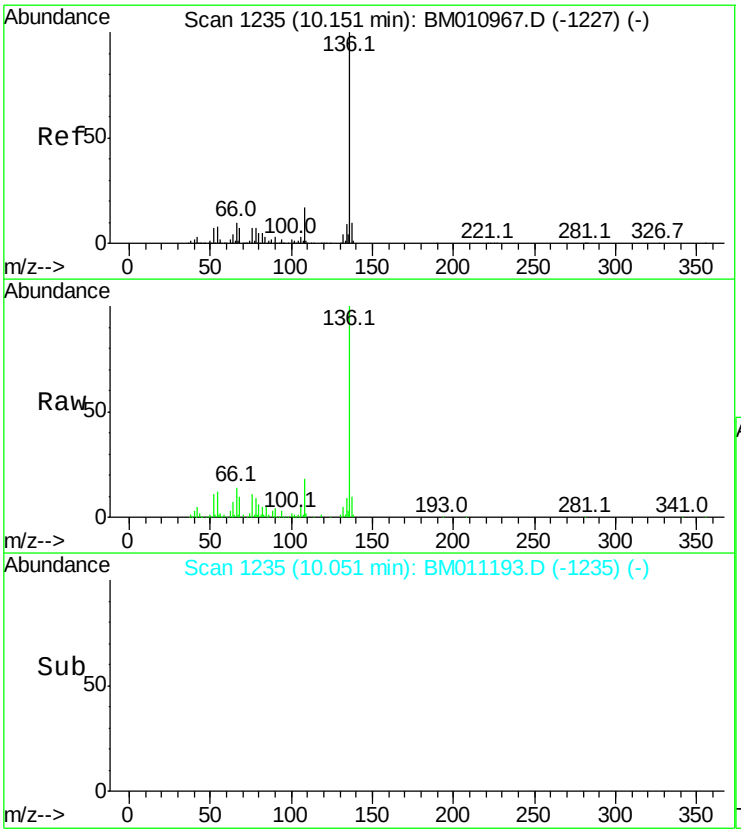
#7
Phenol-d6
Concen: 121.706 ng
RT: 6.50 min Scan# 631
Delta R.T. -0.09 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-E

Tgt Ion: 99 Resp: 1415778

Ion	Ratio	Lower	Upper
99	100		
42	26.5	11.0	16.4#
71	65.1	23.4	35.2#

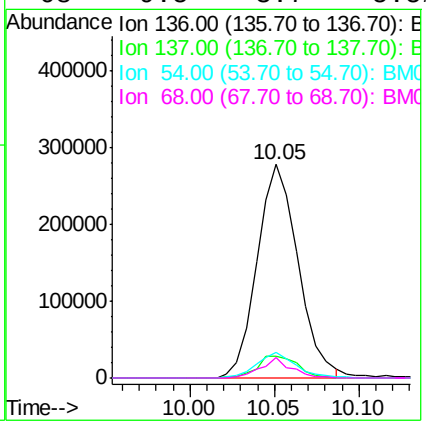


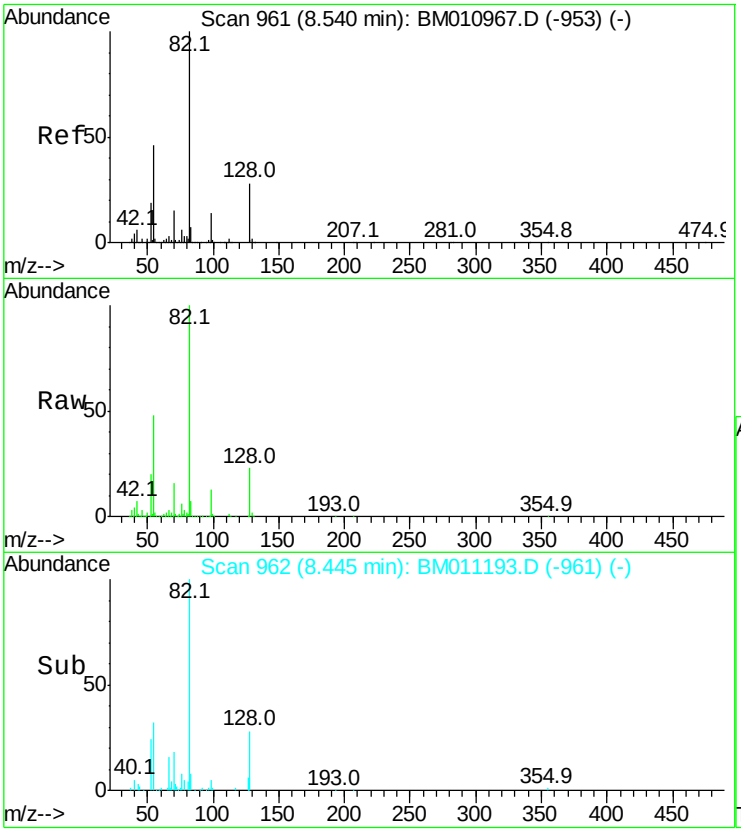


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Tgt Ion:136 Resp: 467514

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	11.8	4.6	6.8#
68	9.5	3.7	5.5#



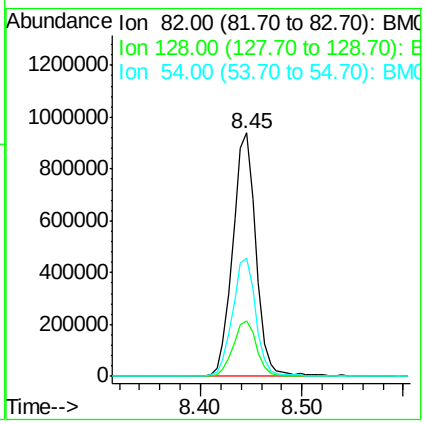


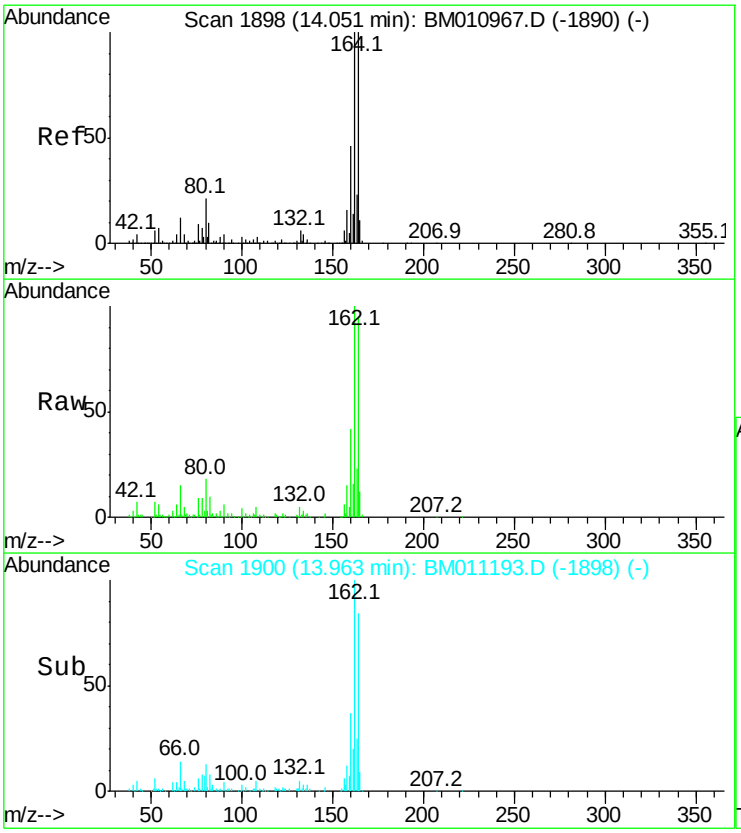
#23
Nitrobenzene-d5
Concen: 119.901 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.09 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-E

Tgt Ion: 82 Resp: 1493553

Ion	Ratio	Lower	Upper
82	100		
128	22.7	32.8	49.2#
54	48.3	40.6	60.8

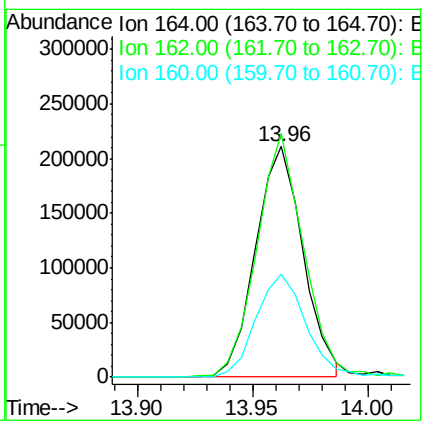


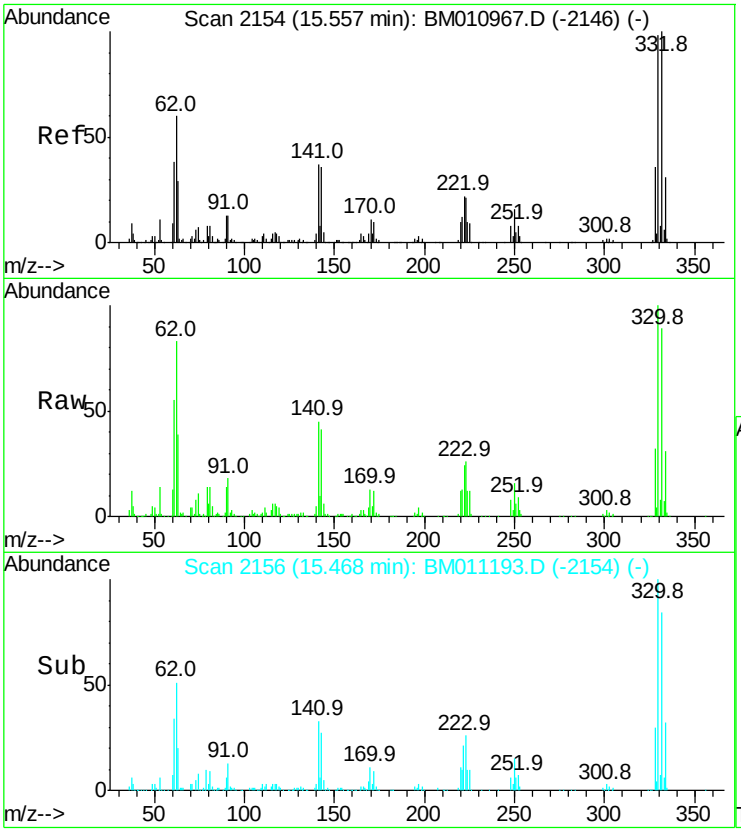


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1900
Delta R.T. -0.09 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Tgt Ion:164 Resp: 301104

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	44.5	35.8	53.6



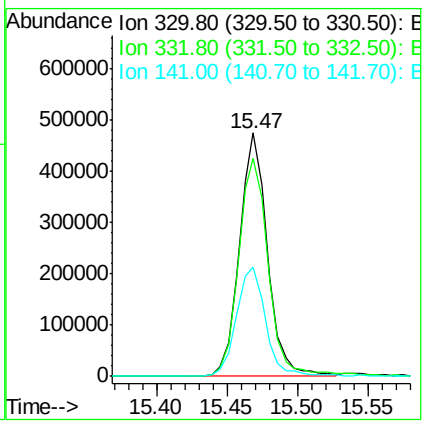


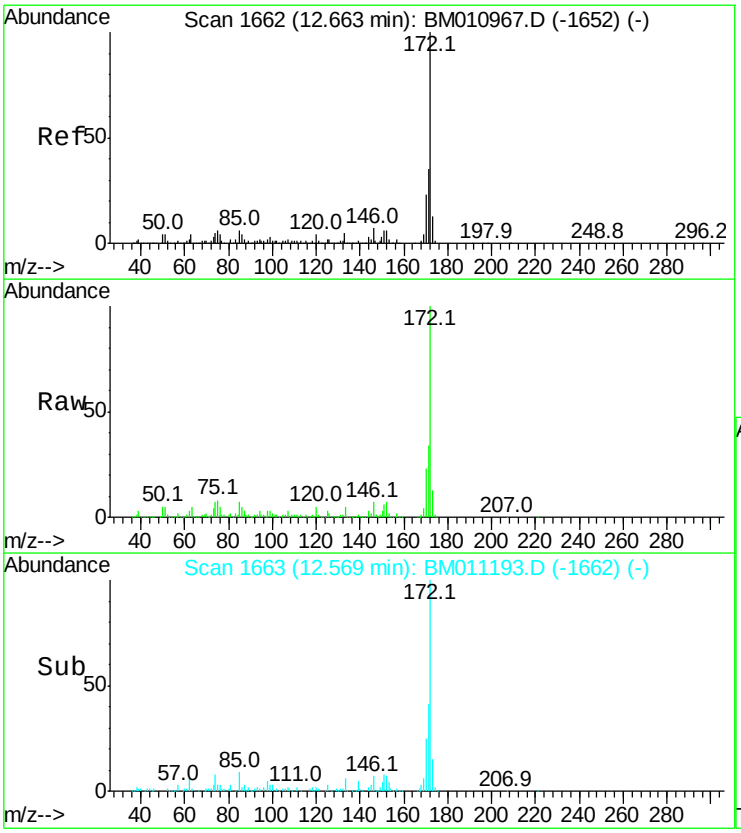
#41
2,4,6-Tribromophenol
Concen: 136.490 ng
RT: 15.47 min Scan# 2156
Delta R.T. -0.09 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-E

Tgt Ion:330 Resp: 658712

Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	47.0	0.0	0.0#

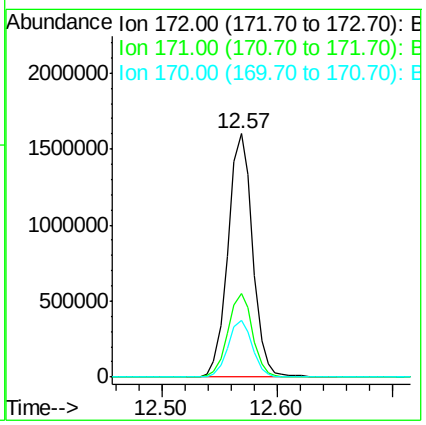


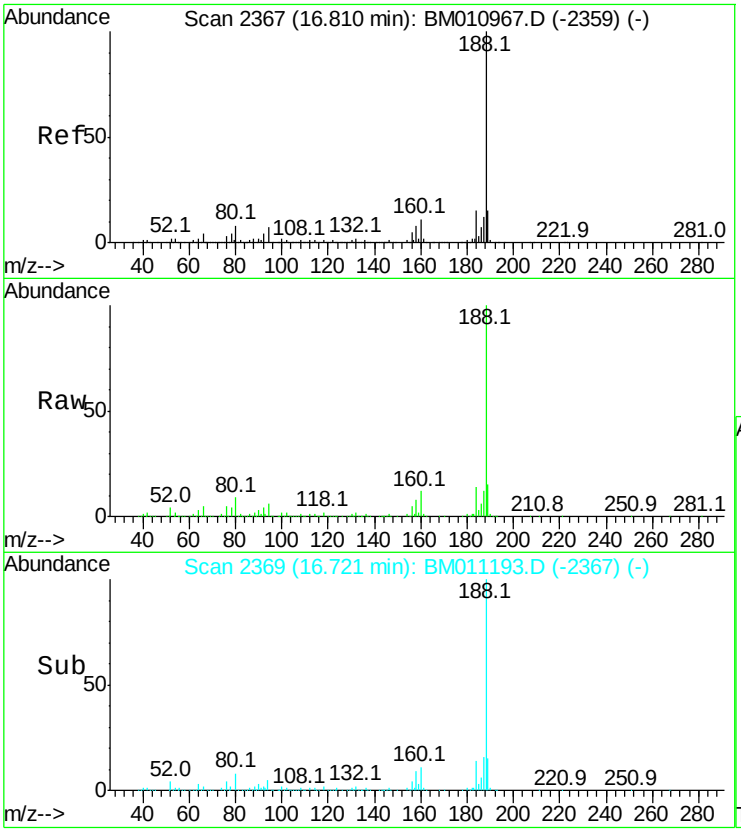


#44
2-Fluorobiphenyl
Concen: 98.916 ng
RT: 12.57 min Scan# 1663
Delta R.T. -0.09 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Tgt Ion:172 Resp: 2374866

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.4	18.8	28.2



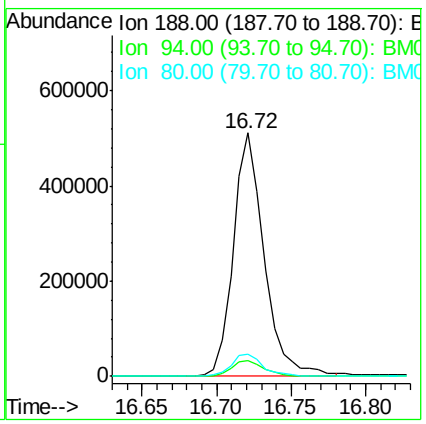


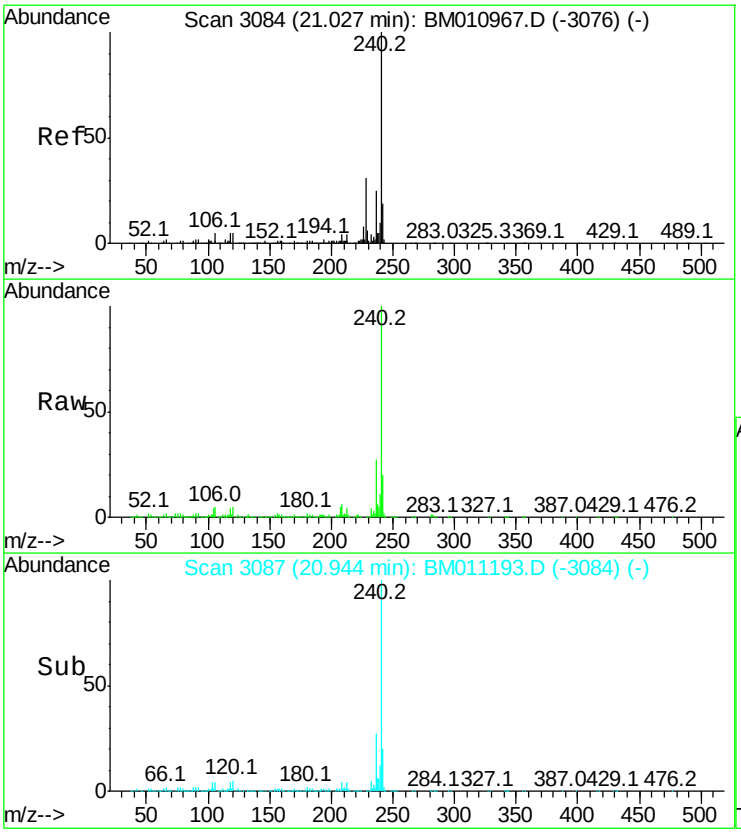
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-E

Tgt Ion:188 Resp: 737410

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	9.2	9.3	13.9#

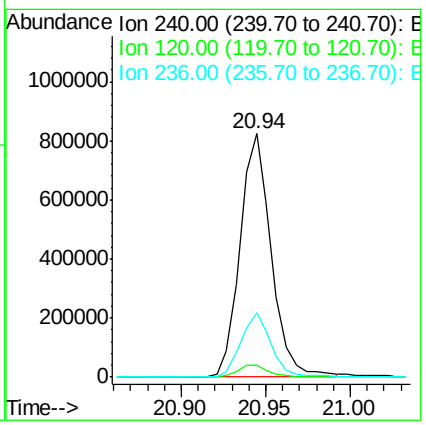


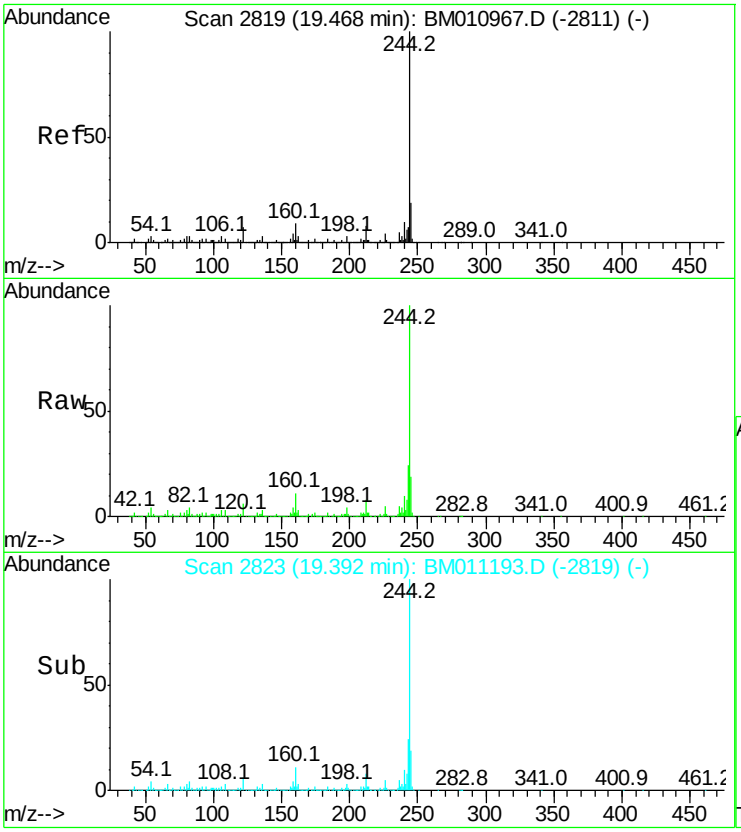


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Tgt Ion:240 Resp: 1058174

Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.2	12.2#
236	26.7	20.0	30.0



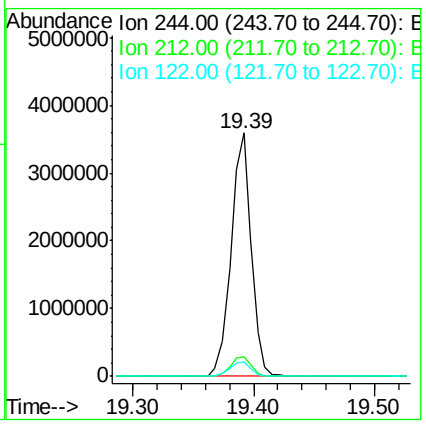


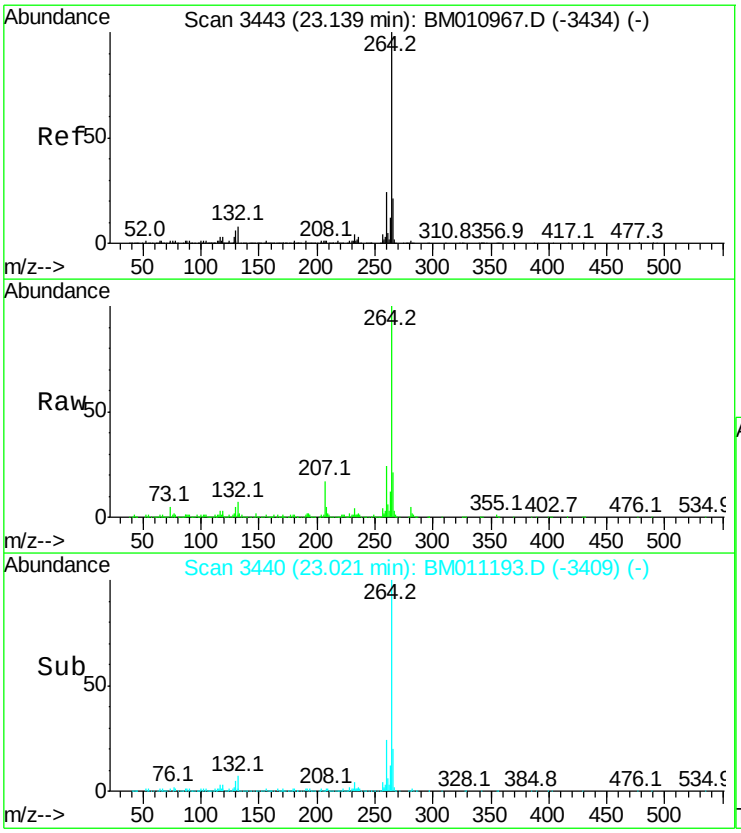
#78
Terphenyl-d14
Concen: 77.967 ng
RT: 19.39 min Scan# 2823
Delta R.T. -0.08 min
Lab File: BM011193.D
Acq: 10 Aug 2017 02:23

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-E

Tgt Ion:244 Resp: 4164960

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	6.1	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: BM011193.D
Acq: 10 Aug 2017 02:23

Tgt Ion:264 Resp: 1065293

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	20.9	17.3	25.9