Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
Data File : BM011316.D
Acq On : 19 Aug 2017 13:50
Operator : SJ/JU
Sample : I4875-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-081717-C

Quant Time: Aug 21 02:02:20 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	7.27	152	143634	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	482306	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	303068	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	765713	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	1017722	20.00	ng	-0.02
86) Perylene-d12	22.99	264	965303	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	947863	111.55	ng	-0.02
7) Phenol-d6	6.48	99	1309364	108.46	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1203023	93.62	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	520830	107.22	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1871461	77.44	ng	-0.02
78) Terphenyl-d14	19.37	244	3403192	66.24	ng	-0.02
Target Compounds						Qvalue

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

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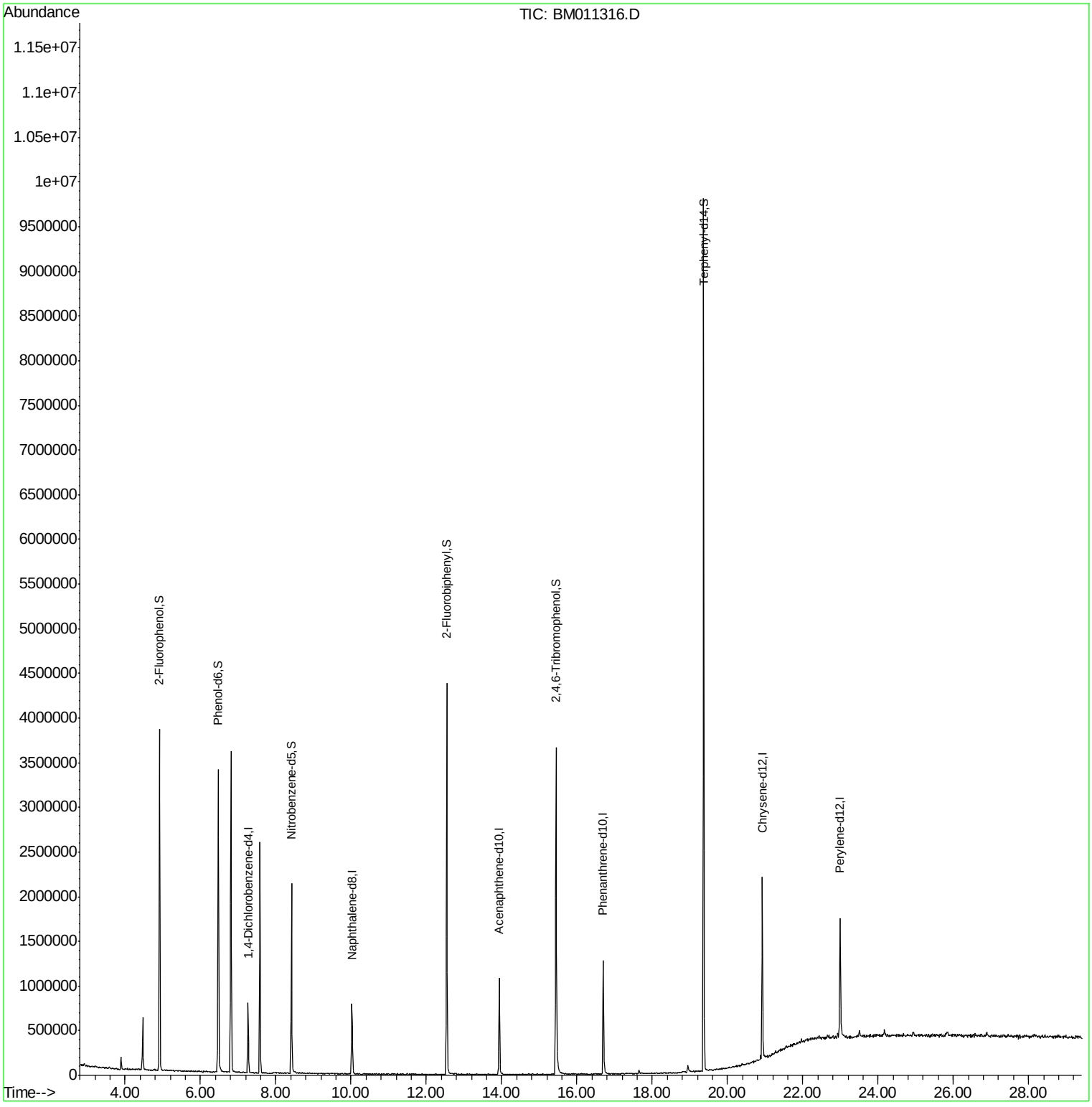
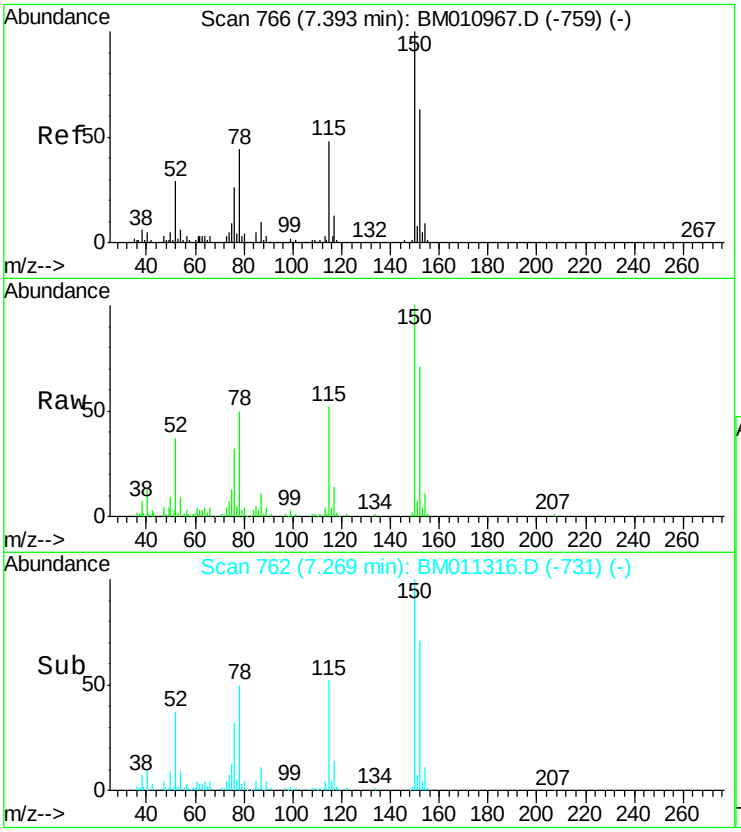


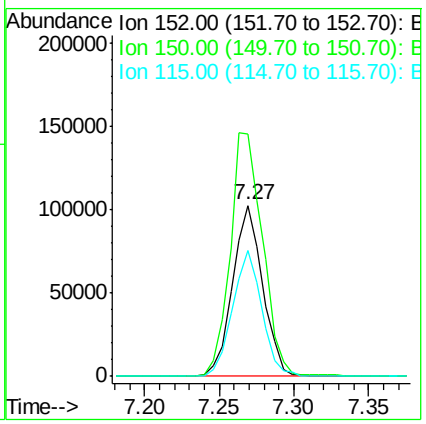


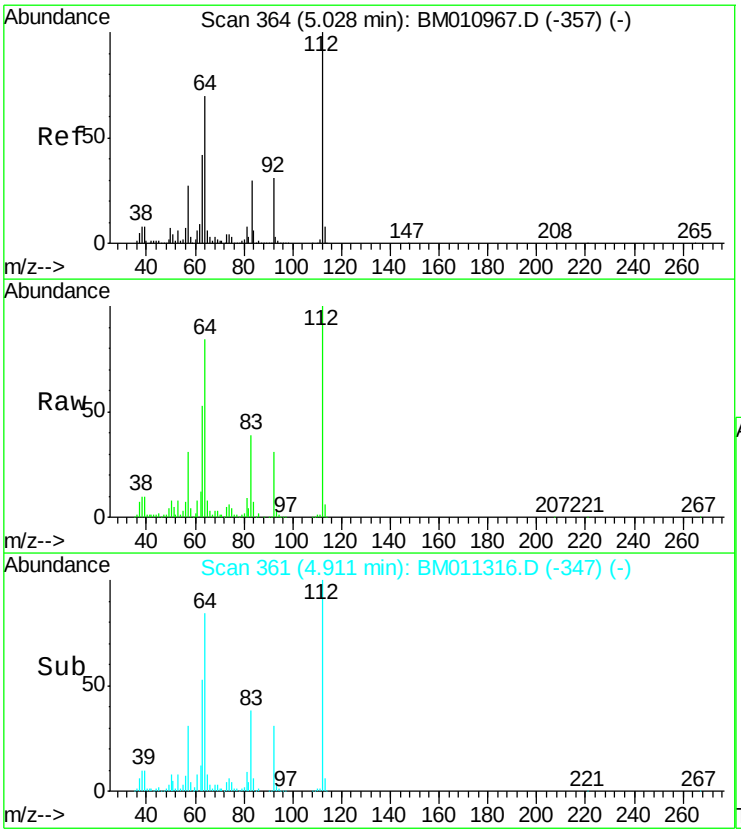
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-C

Tgt Ion:152 Resp: 143634

Ion	Ratio	Lower	Upper
152	100		
150	141.8	119.5	179.3
115	73.2	43.0	64.4#

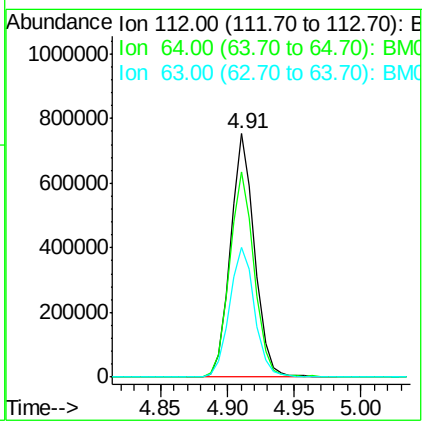


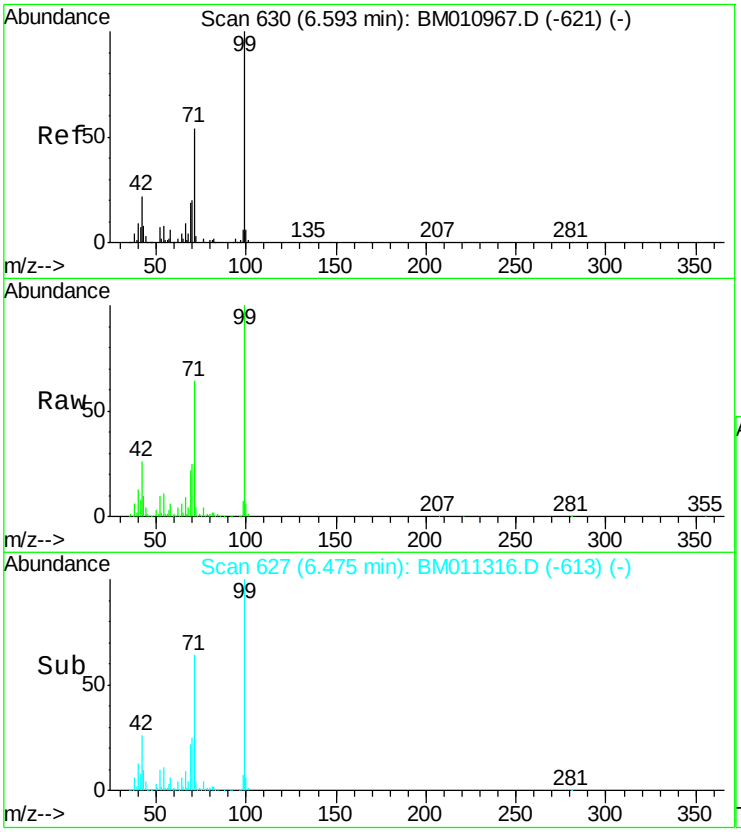


#5
2-Fluorophenol
Concen: 111.555 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Tgt Ion:112 Resp: 947863

Ion	Ratio	Lower	Upper
112	100		
64	84.1	38.6	57.8#
63	53.4	19.3	28.9#



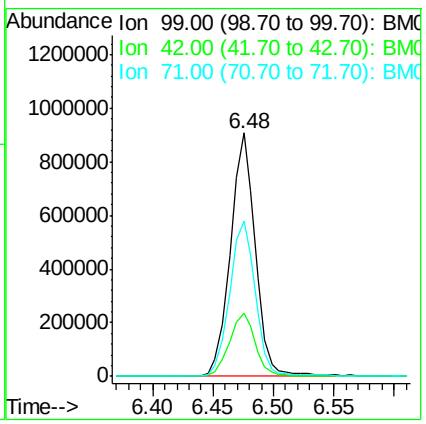


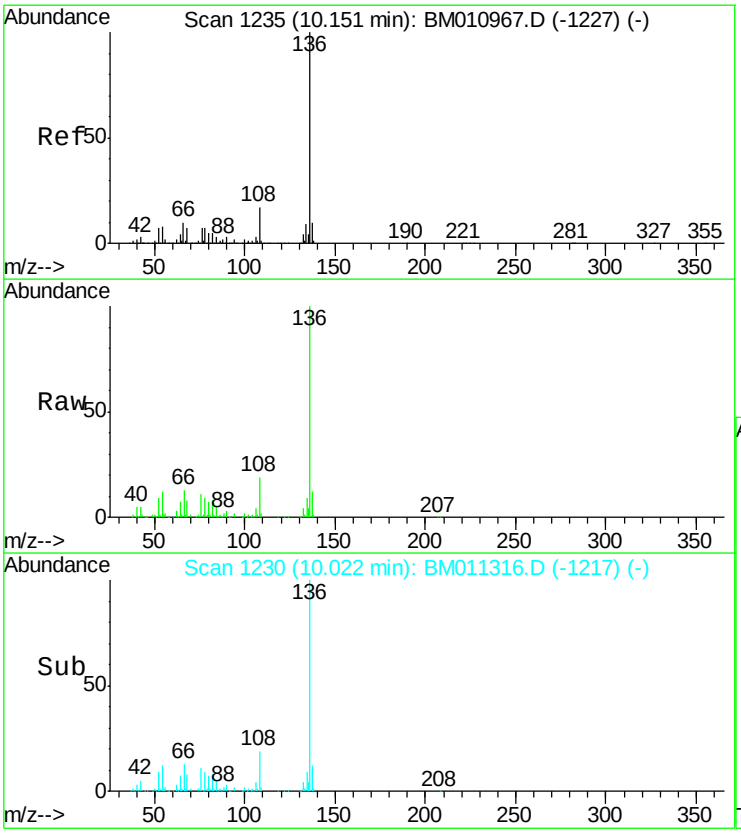
#7
Phenol-d6
Concen: 108.459 ng
RT: 6.48 min Scan# 627
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-C

Tgt Ion: 99 Resp: 1309364

Ion	Ratio	Lower	Upper
99	100		
42	26.0	11.0	16.4#
71	64.0	23.4	35.2#

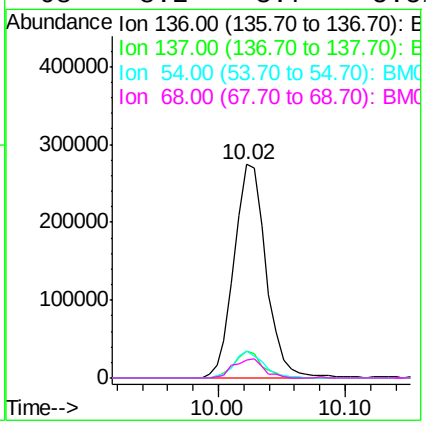


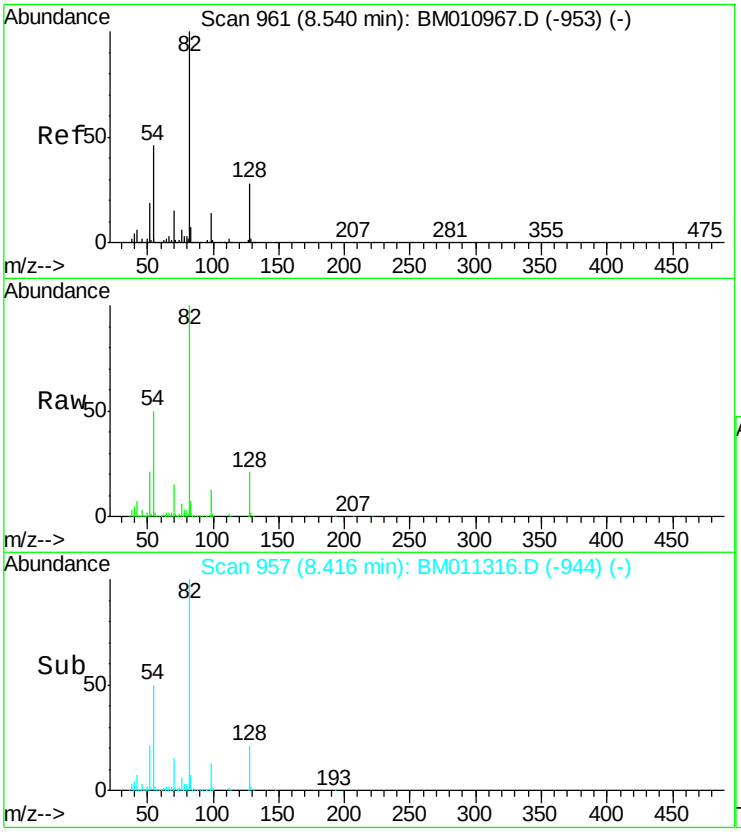


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Tgt Ion:136 Resp: 482306

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.7	13.1
54	12.4	4.6	6.8#
68	8.2	3.7	5.5#



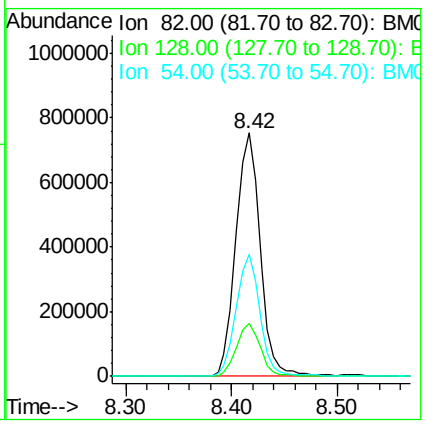


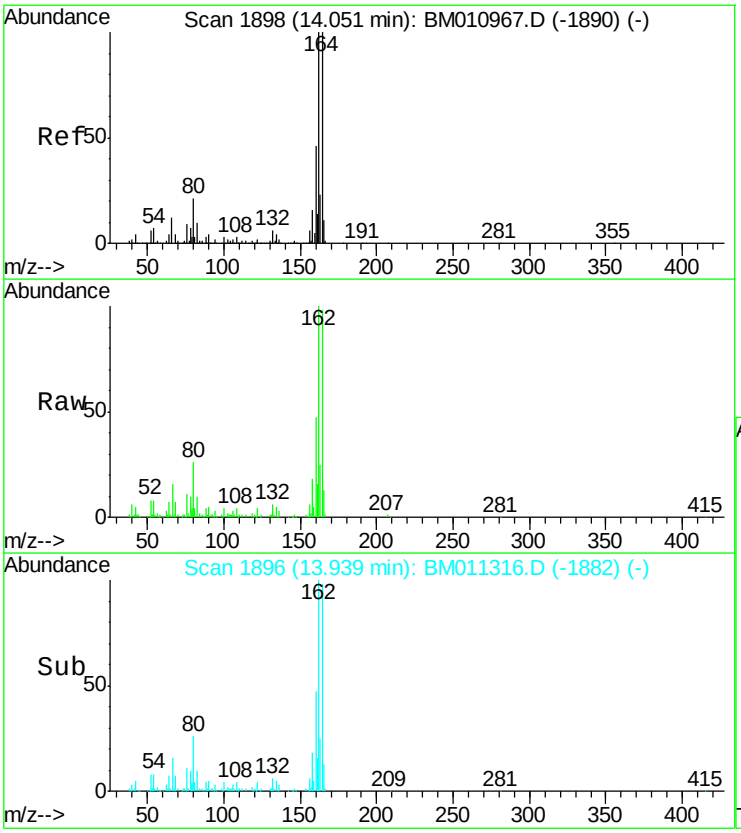
#23
Nitrobenzene-d5
Concen: 93.616 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-C

Tgt Ion: 82 Resp: 1203023

Ion	Ratio	Lower	Upper
82	100		
128	21.5	32.8	49.2#
54	49.9	40.6	60.8

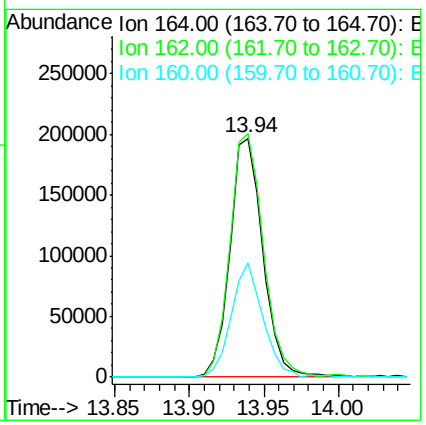


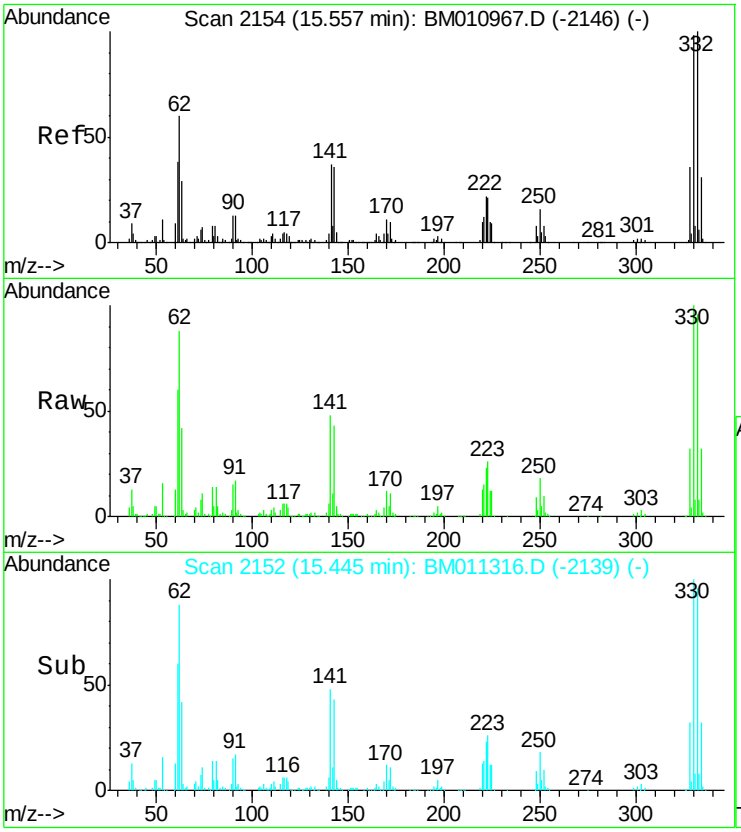


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Tgt Ion:164 Resp: 303068

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.4	123.6
160	47.8	35.8	53.6



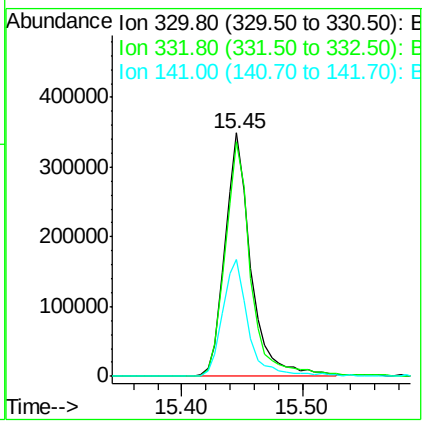


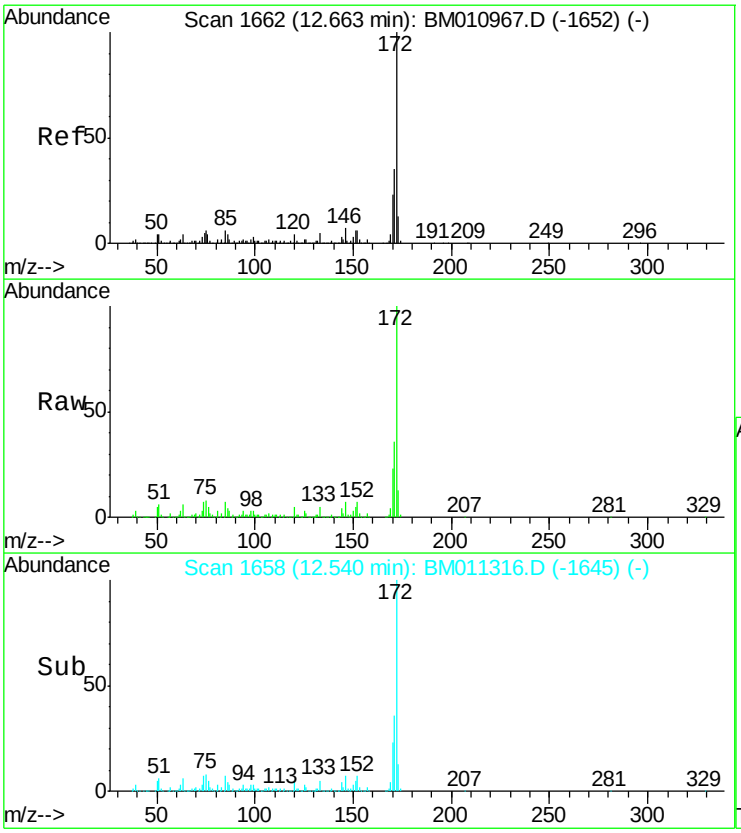
#41
2,4,6-Tribromophenol
Concen: 107.221 ng
RT: 15.45 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-C

Tgt Ion:330 Resp: 520830

Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	47.5	0.0	0.0#

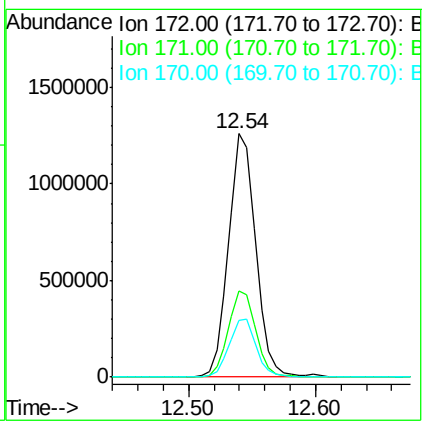


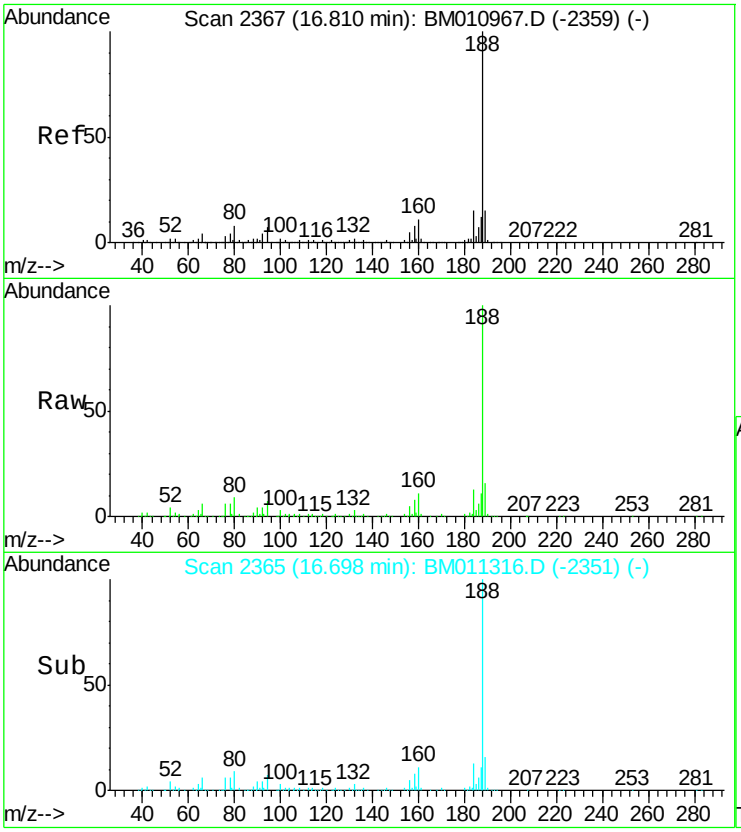


#44
2-Fluorobiphenyl
Concen: 77.444 ng
RT: 12.54 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Tgt Ion:172 Resp: 1871461

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.1	18.8	28.2



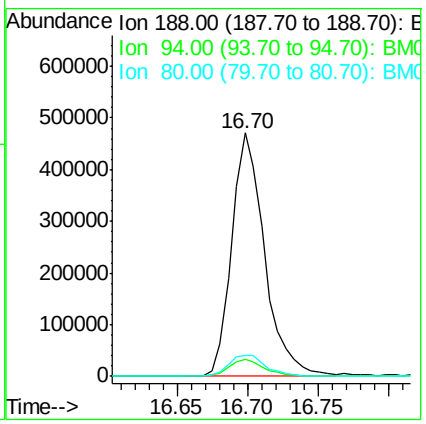


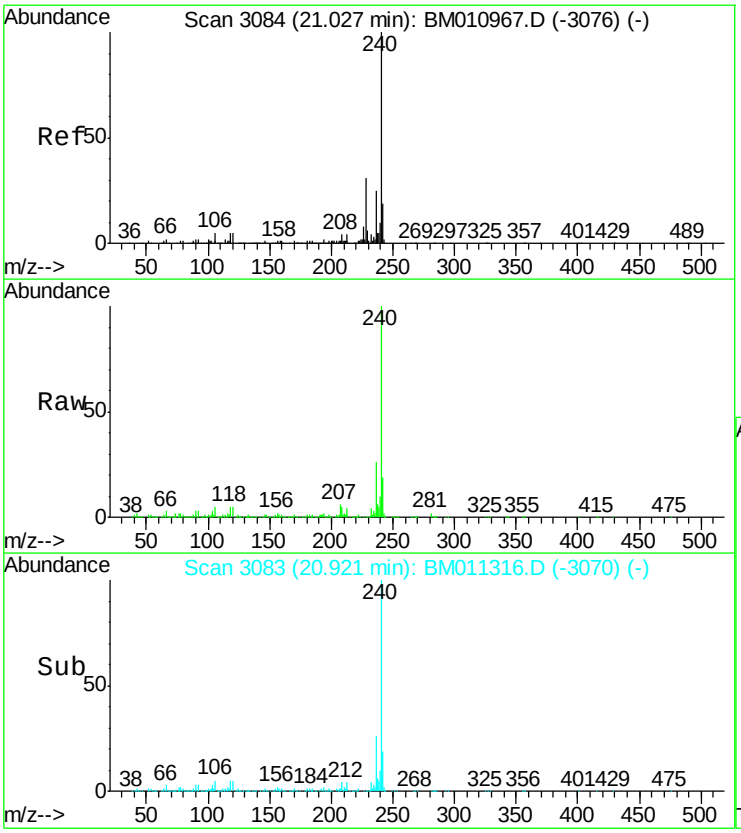
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-C

Tgt Ion:188 Resp: 765713

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	8.6	9.3	13.9#

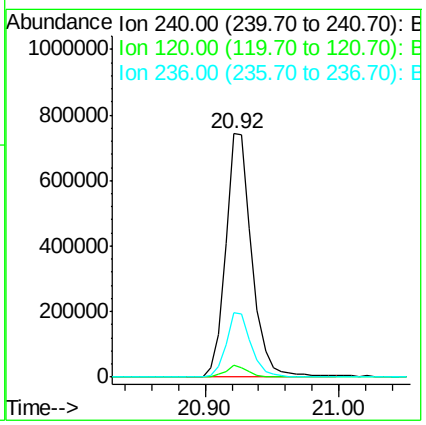


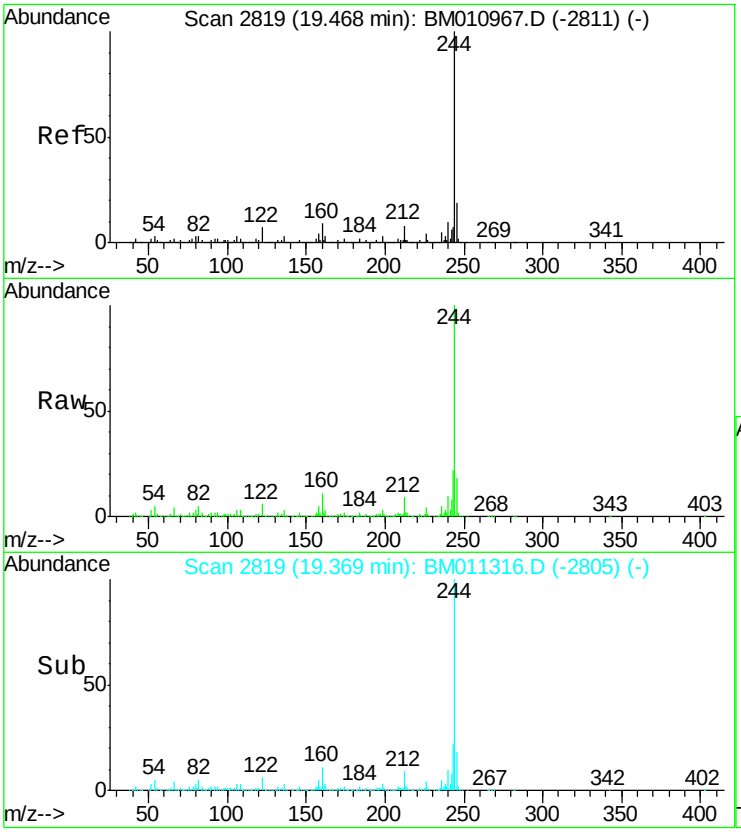


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Tgt Ion:240 Resp: 1017722

Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.2	12.2#
236	26.5	20.0	30.0



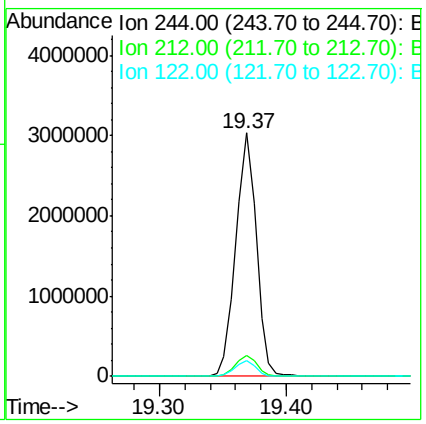


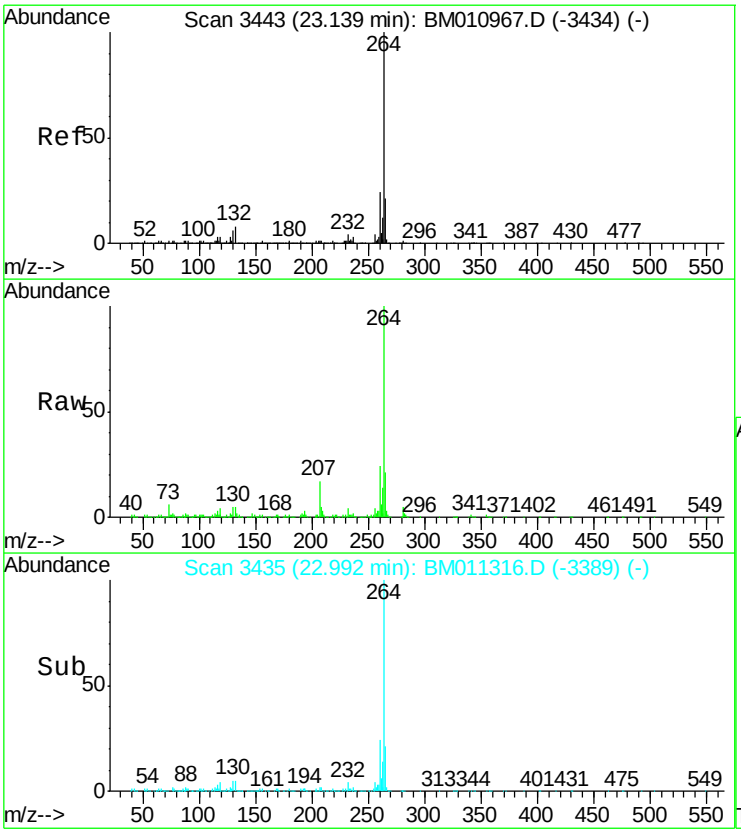
#78
Terphenyl-d14
Concen: 66.239 ng
RT: 19.37 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-C

Tgt Ion:244 Resp: 3403192

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.2	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 22.99 min Scan# 3435
Delta R.T. -0.03 min
Lab File: BM011316.D
Acq: 19 Aug 2017 13:50

Tgt Ion:264 Resp: 965303

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.4	17.3	25.9