Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
Data File : BM011337.D
Acq On : 22 Aug 2017 21:11
Operator : SJ/JU
Sample : I4900-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 220-2-STONE

Quant Time: Aug 23 13:11:56 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	7.26	152	117761	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	409109	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	269630	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	700090	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	1058491	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1044350	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	962262	138.13	ng	-0.02
7) Phenol-d6	6.47	99	1267293	128.04	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1314746	120.61	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	562046	130.05	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2003605	93.19	ng	-0.02
78) Terphenyl-d14	19.37	244	3787947	70.89	ng	-0.02
Target Compounds						Qvalue

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

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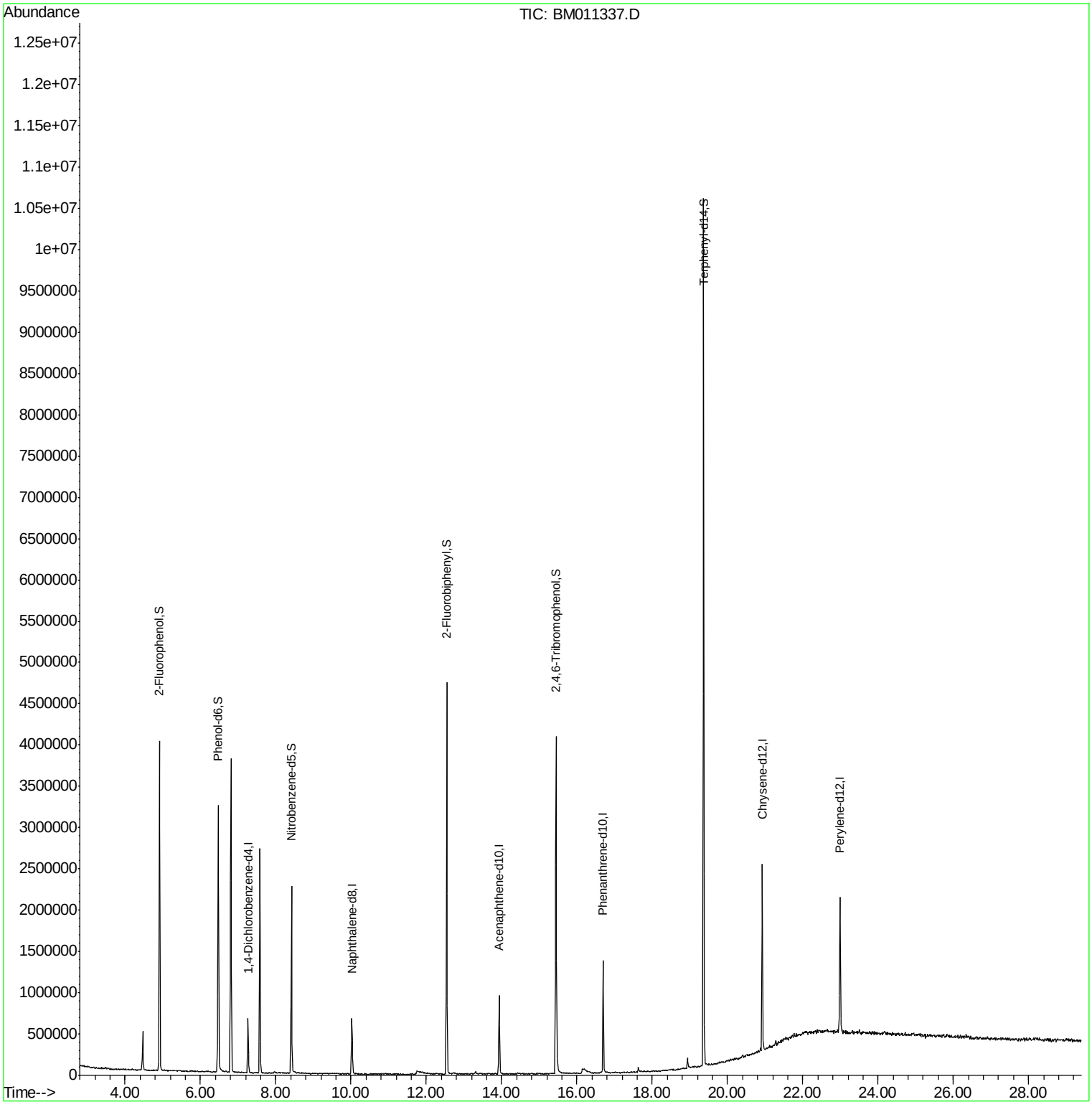
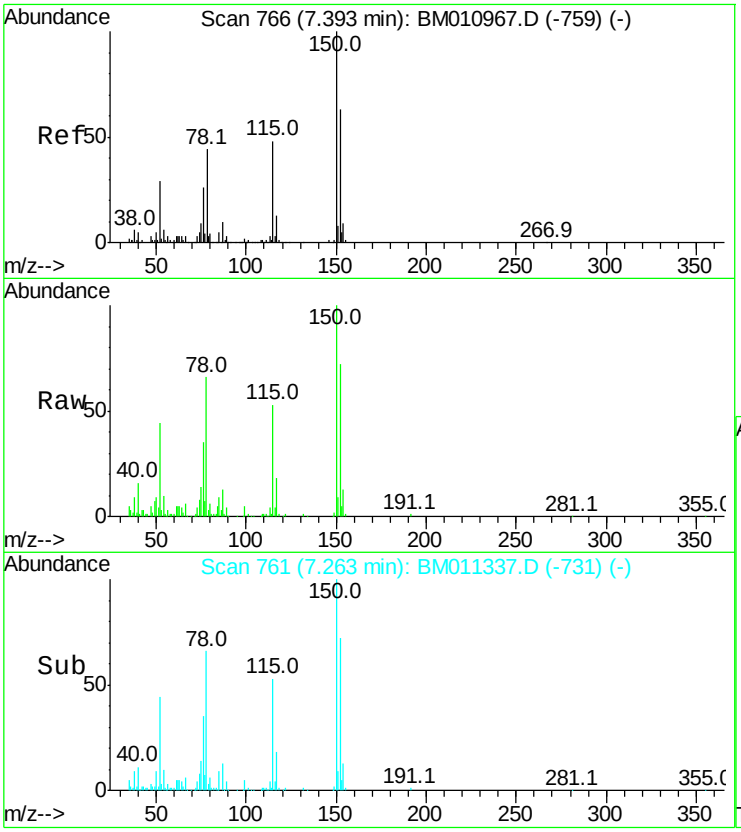


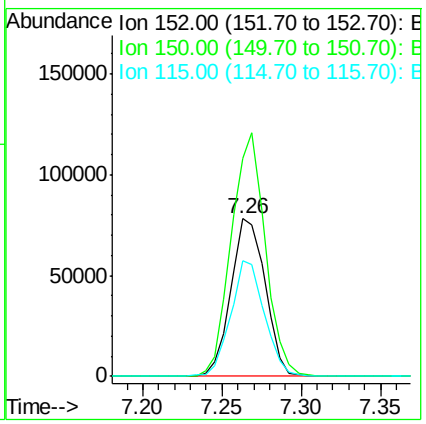


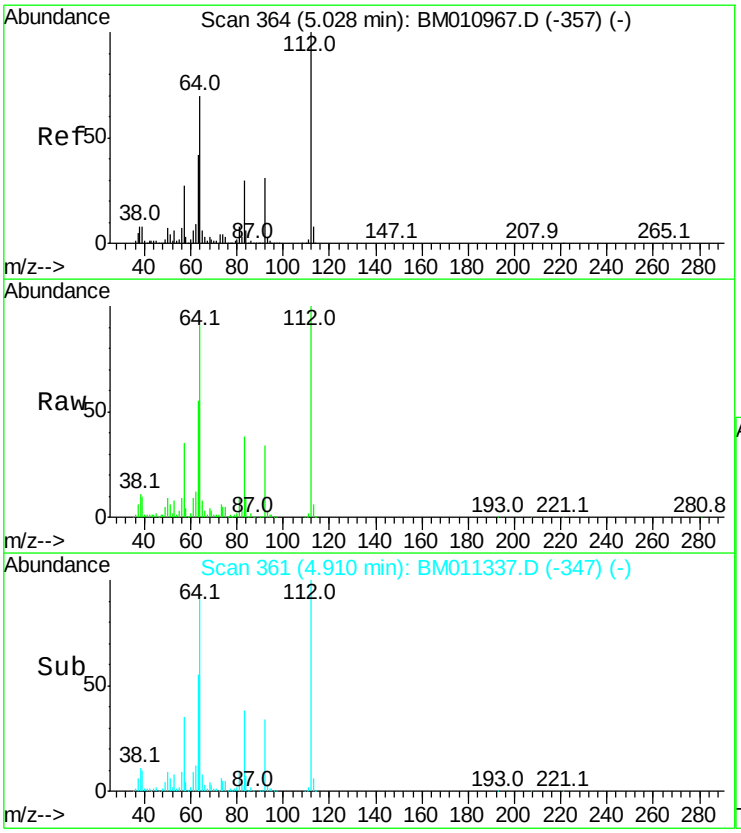
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Instrument :
BNA_M
ClientSampleId :
220-2-STONE

Tgt Ion:152 Resp: 117761

Ion	Ratio	Lower	Upper
152	100		
150	138.7	119.5	179.3
115	73.5	43.0	64.4#

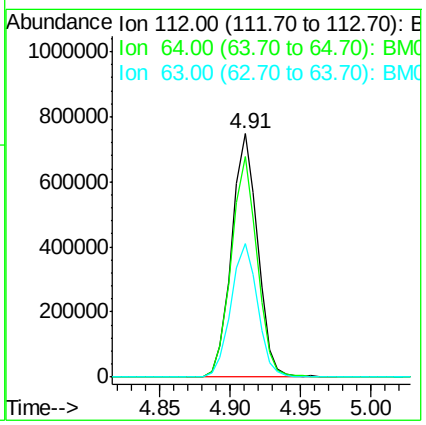


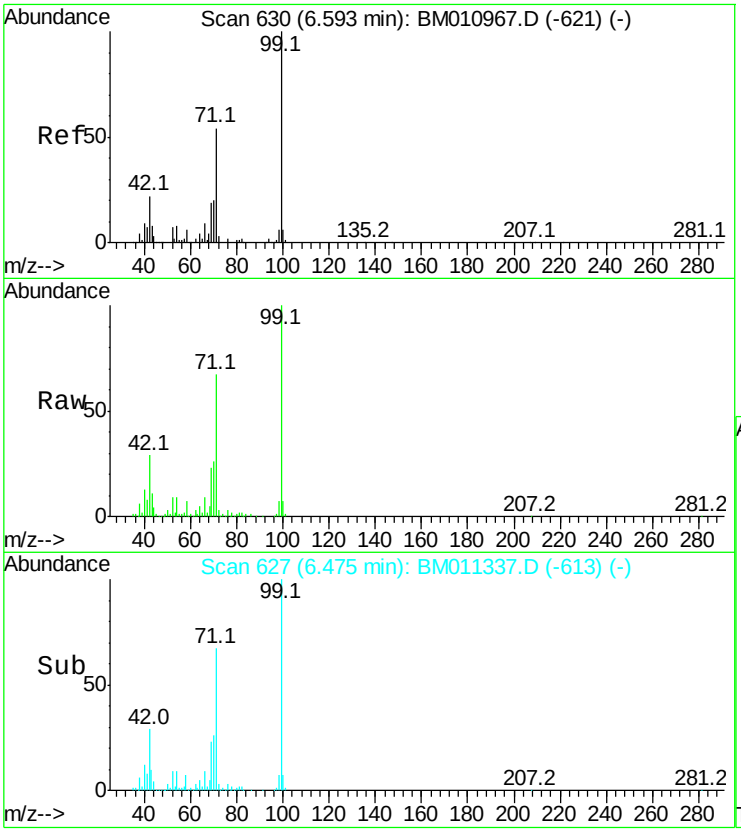


#5
2-Fluorophenol
Concen: 138.131 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion:112 Resp: 962262

Ion	Ratio	Lower	Upper
112	100		
64	90.7	38.6	57.8#
63	54.8	19.3	28.9#



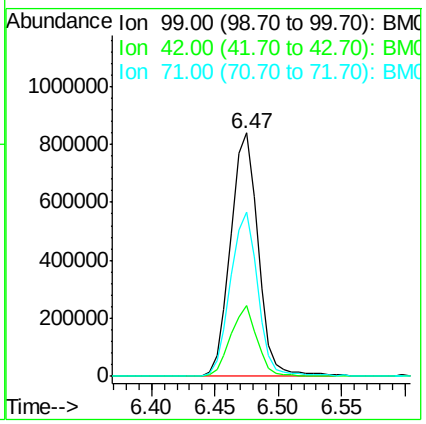


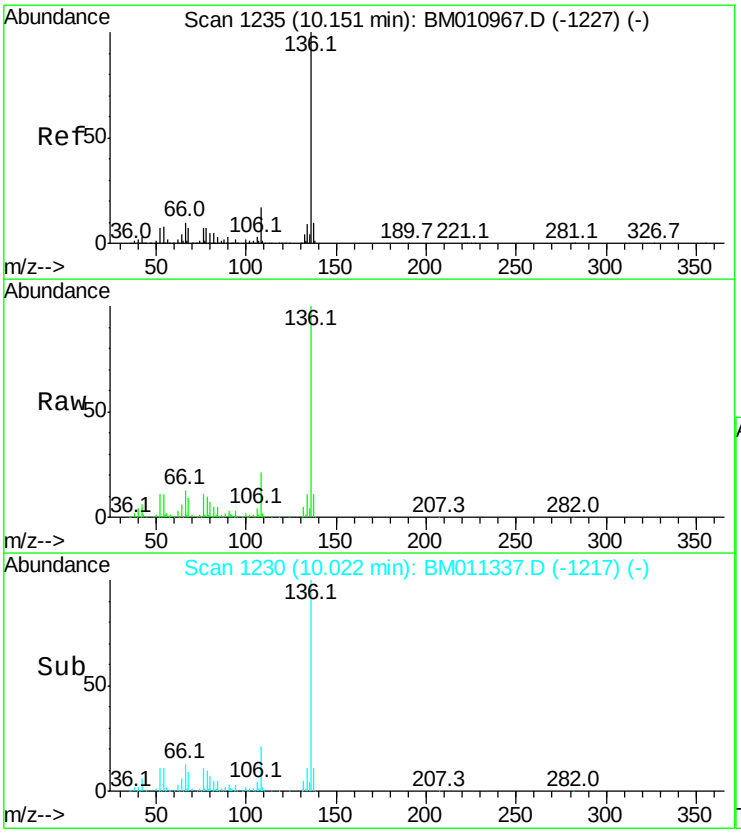
#7
Phenol-d6
Concen: 128.037 ng
RT: 6.47 min Scan# 627
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Instrument :
BNA_M
ClientSampleId :
220-2-STONE

Tgt Ion: 99 Resp: 1267293

Ion	Ratio	Lower	Upper
99	100		
42	29.0	11.0	16.4#
71	67.5	23.4	35.2#

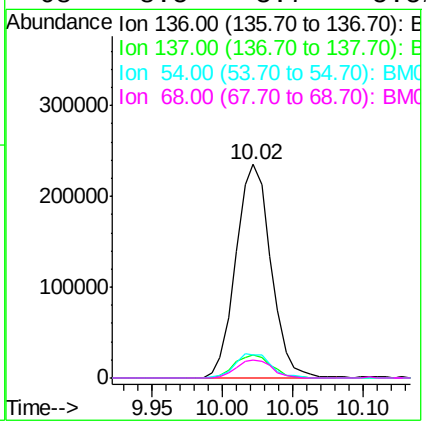


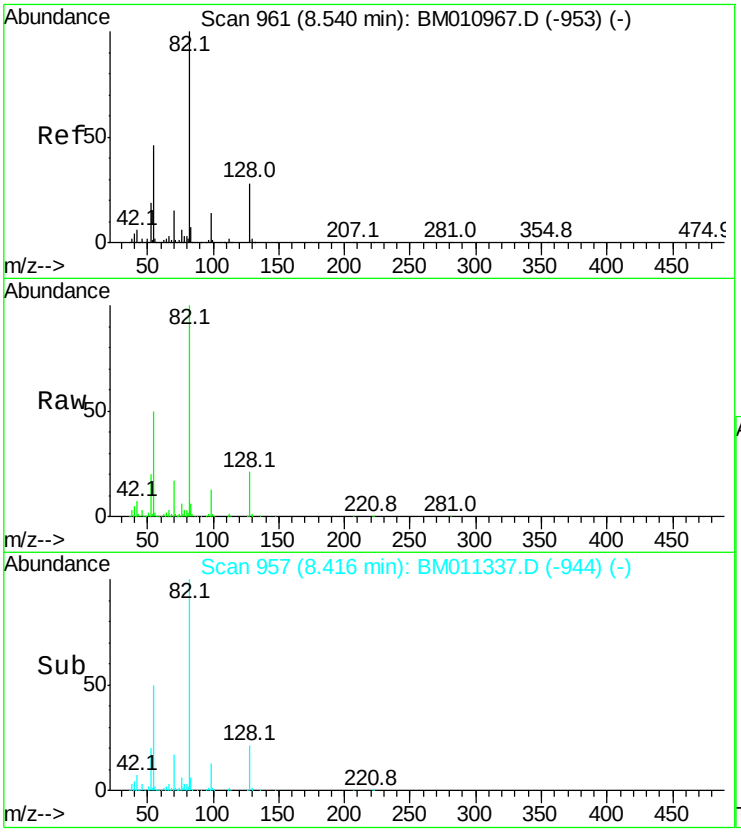


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion:136 Resp: 409109

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.7	4.6	6.8#
68	8.5	3.7	5.5#

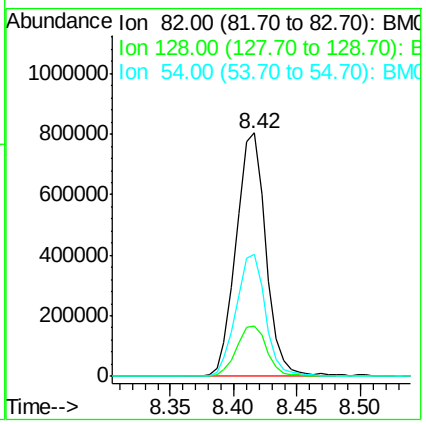




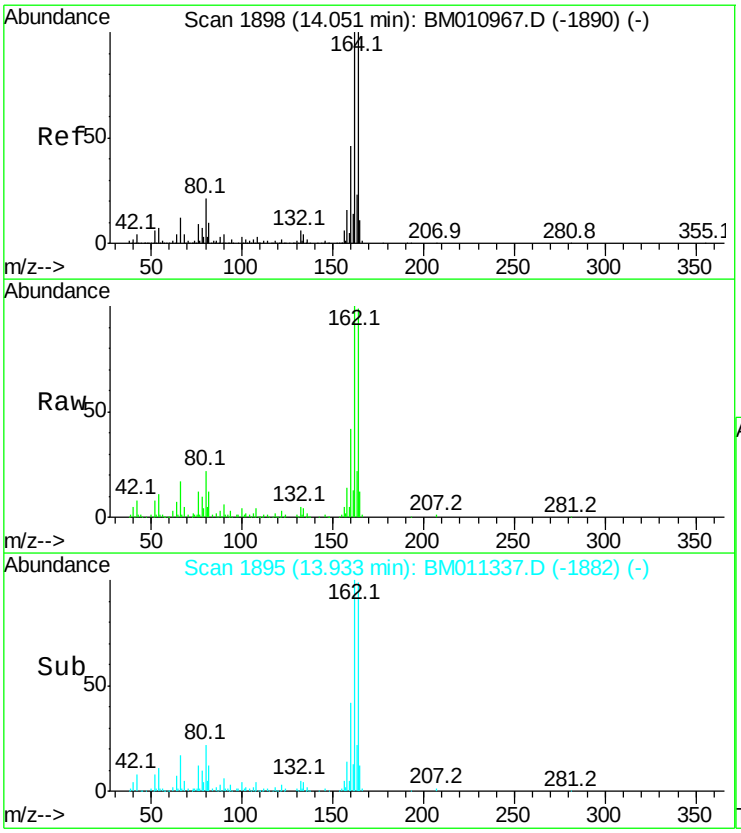
#23
Nitrobenzene-d5
Concen: 120.615 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion: 82 Resp: 1314746

Ion	Ratio	Lower	Upper
82	100		
128	20.8	32.8	49.2#
54	50.2	40.6	60.8



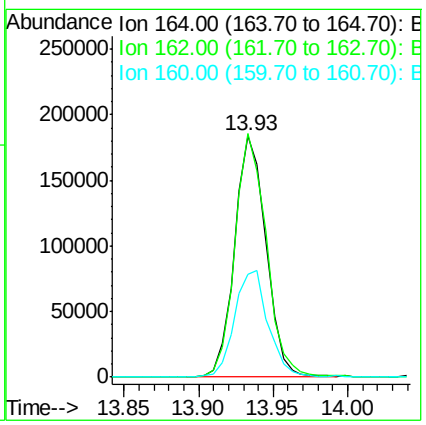
Instrument :
BNA_M
ClientSampleId :
220-2-STONE

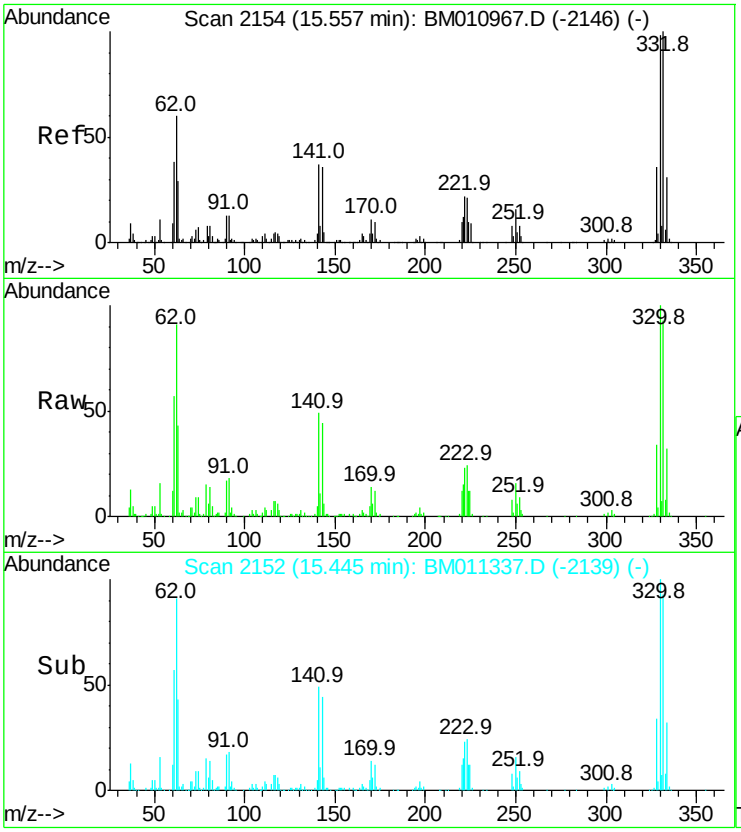


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion:164 Resp: 269630

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	42.7	35.8	53.6



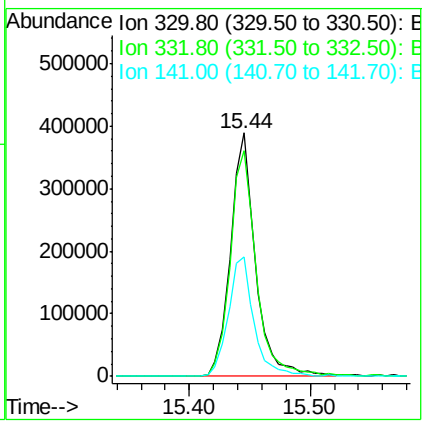


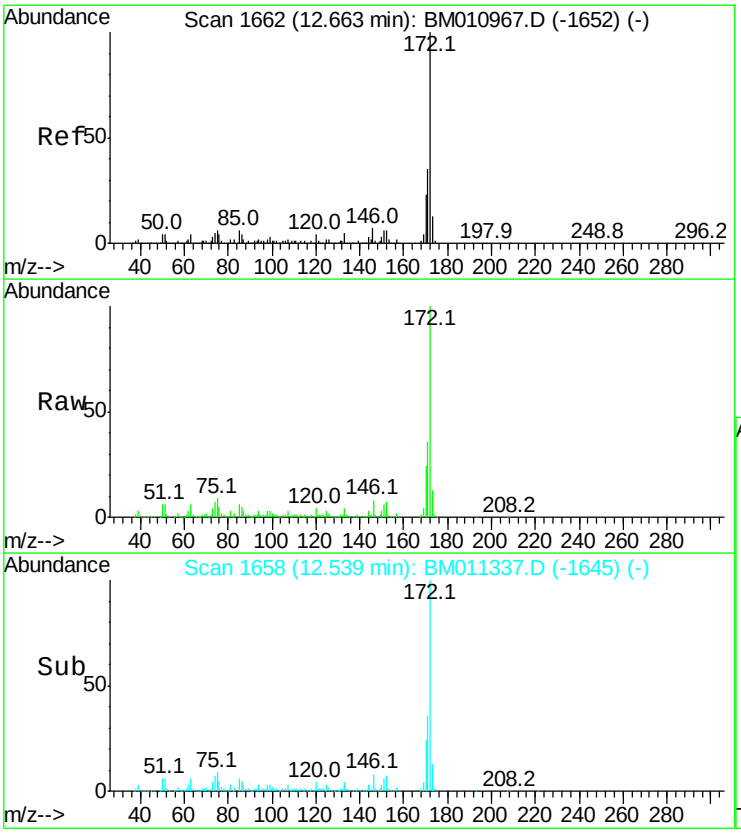
#41
2,4,6-Tribromophenol
Concen: 130.055 ng
RT: 15.44 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Instrument :
BNA_M
ClientSampleId :
220-2-STONE

Tgt Ion:330 Resp: 562046

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	50.3	0.0	0.0#

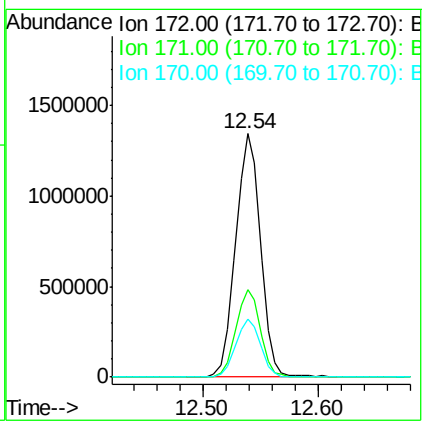


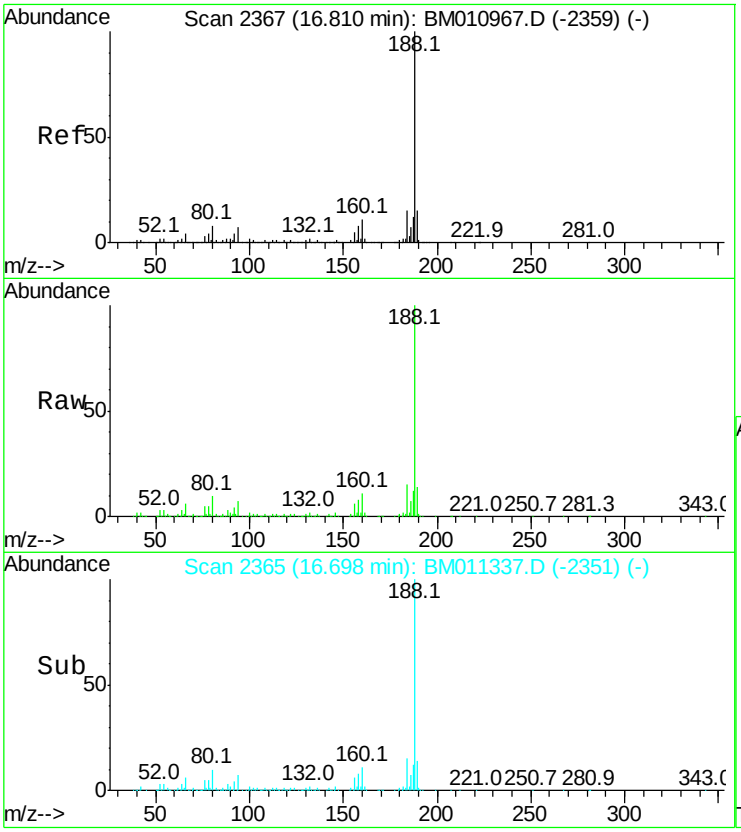


#44
2-Fluorobiphenyl
Concen: 93.194 ng
RT: 12.54 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion:172 Resp: 2003605

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.9	18.8	28.2



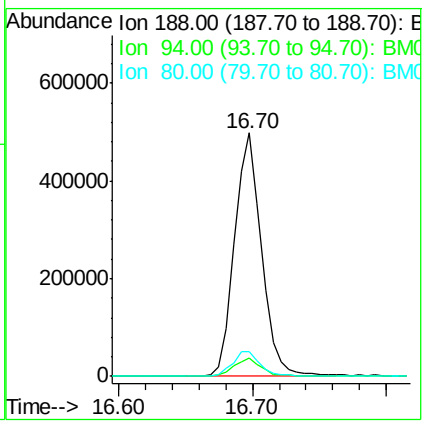


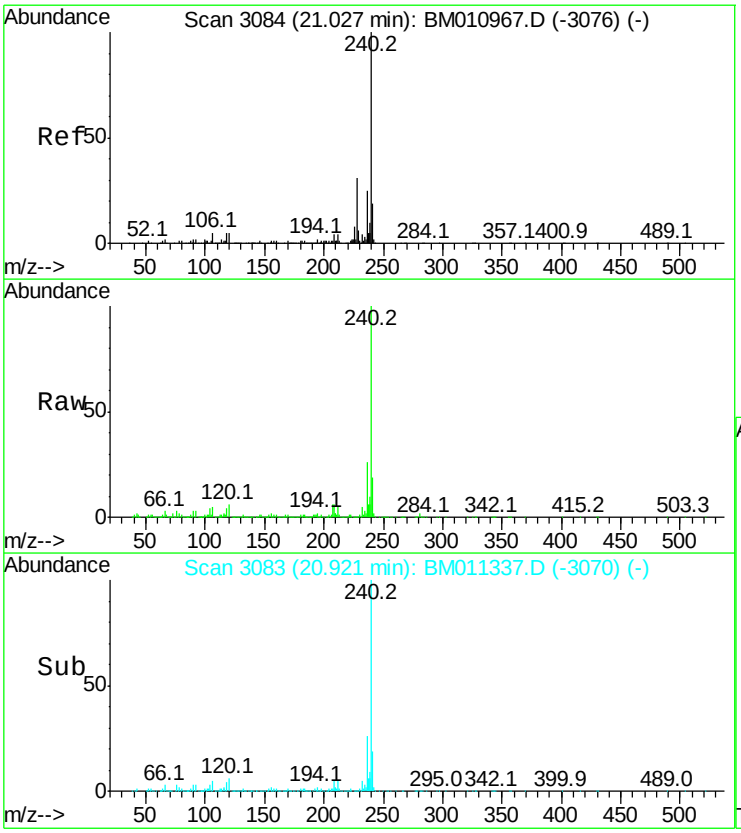
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Instrument :
BNA_M
ClientSampleId :
220-2-STONE

Tgt Ion:188 Resp: 700090

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	10.1	9.3	13.9

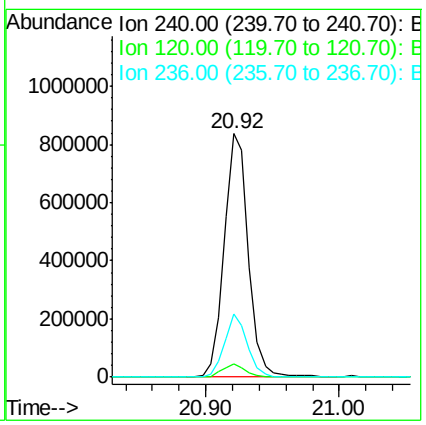


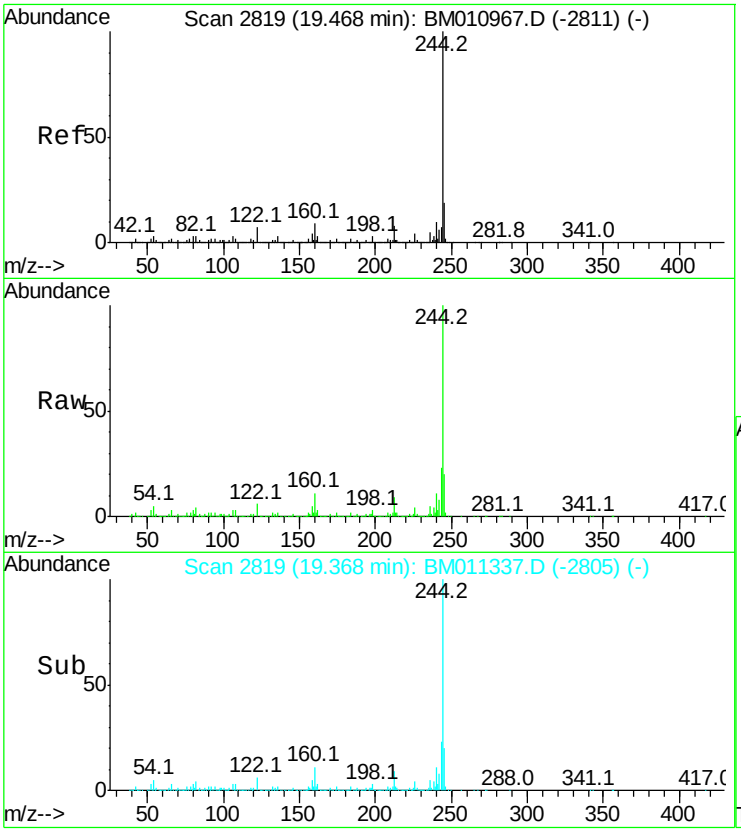


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion:240 Resp: 1058491

Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	25.7	20.0	30.0



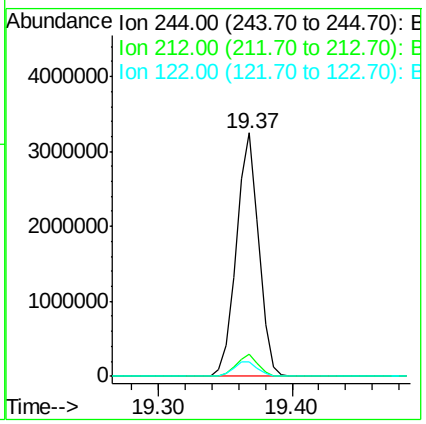


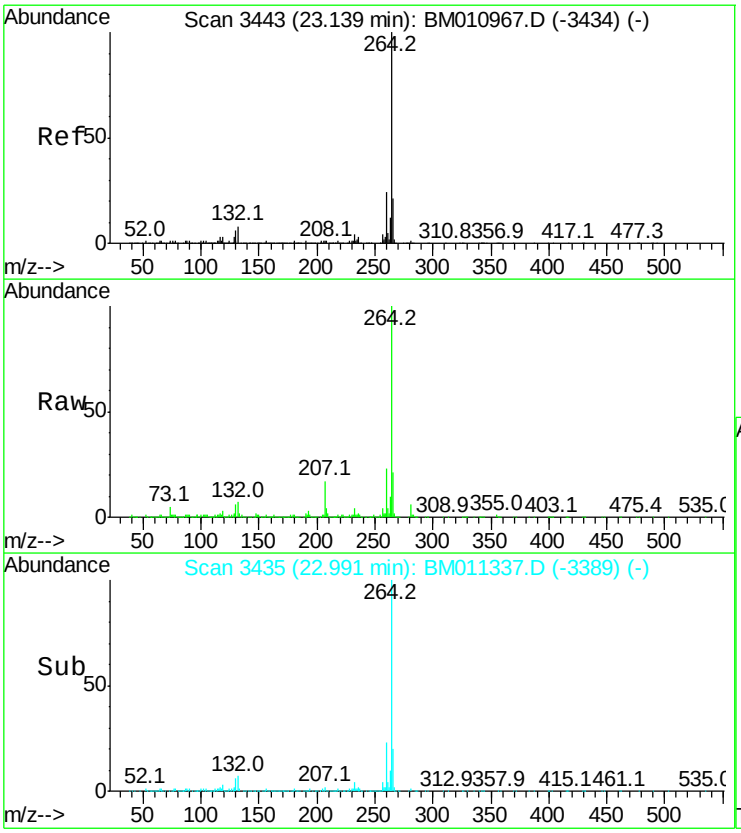
#78
Terphenyl-d14
Concen: 70.888 ng
RT: 19.37 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM011337.D
Acq: 22 Aug 2017 21:11

Instrument :
BNA_M
ClientSampleId :
220-2-STONE

Tgt Ion:244 Resp: 3787947

Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.0	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: BM011337.D
Acq: 22 Aug 2017 21:11

Tgt Ion:264 Resp: 1044350

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	20.7	17.3	25.9