Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083117\
Data File : BM011402.D
Acq On : 01 Sep 2017 09:36
Operator : SJ/JU
Sample : I5023-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-01-082917-D

Quant Time: Sep 01 11:22:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	466207	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	1931607	20.00	ng		0.00
38) Acenaphthene-d10	14.62	164	1067207	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2541037	20.00	ng		0.00
75) Chrysene-d12	21.51	240	3172339	20.00	ng		-0.02
86) Perylene-d12	23.90	264	2923999	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	3975164	143.53	ng		0.00
7) Phenol-d6	7.14	99	4865655	126.70	ng		0.00
23) Nitrobenzene-d5	9.15	82	2915228	99.46	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1912387	154.89	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	7181684	97.00	ng		0.00
78) Terphenyl-d14	19.97	244	10968442	85.79	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.99	122	6041	6.791	ng		95
47) 2-Nitroaniline	13.69	65	116	5.442	ng	#	1
56) 2,4-Dinitrotoluene	14.97	165	113	5.144	ng	#	11
76) Benzidine	19.59	184	936757	14.962	ng		99

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

Quantitation Report (Not Reviewed)

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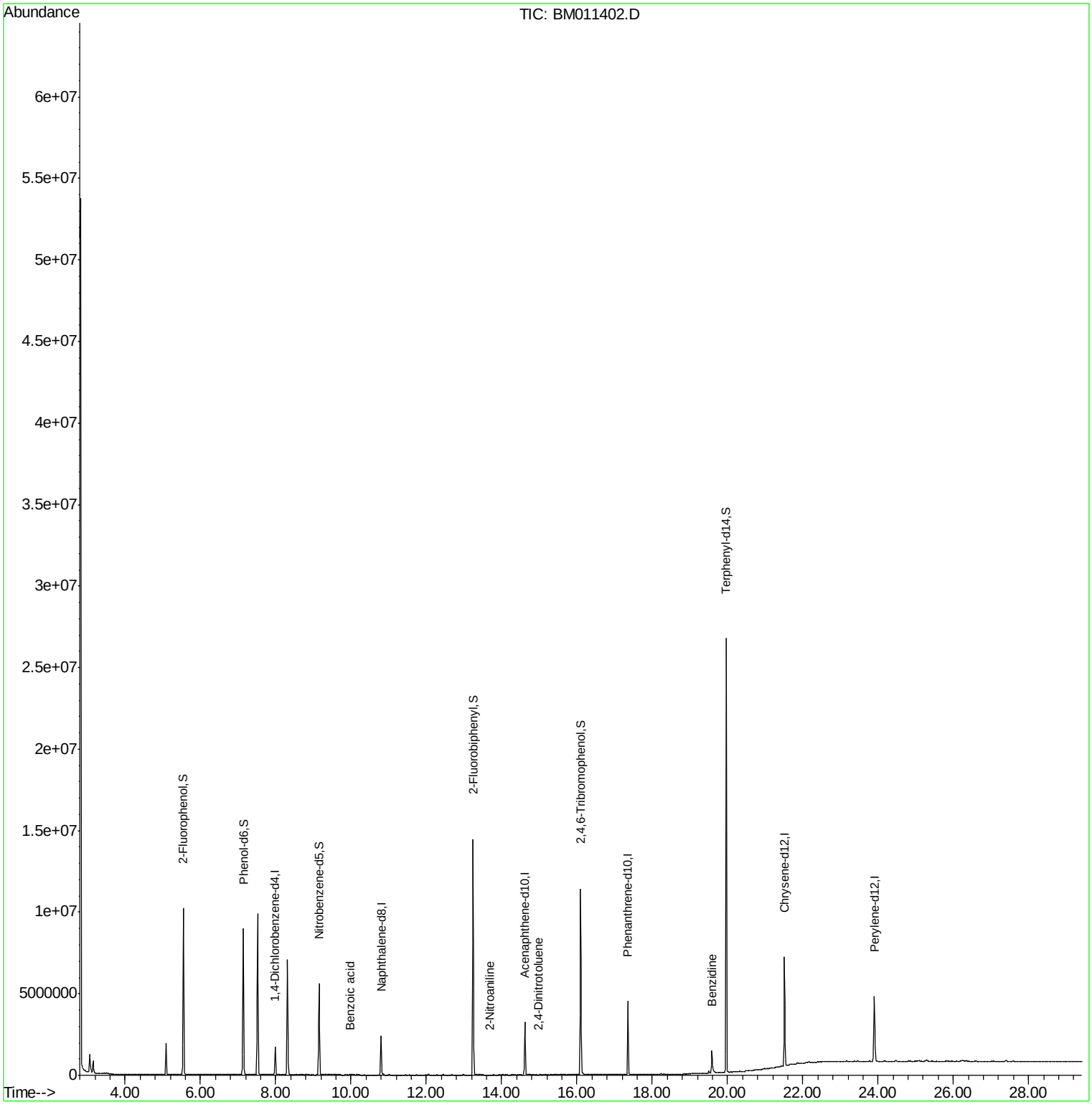
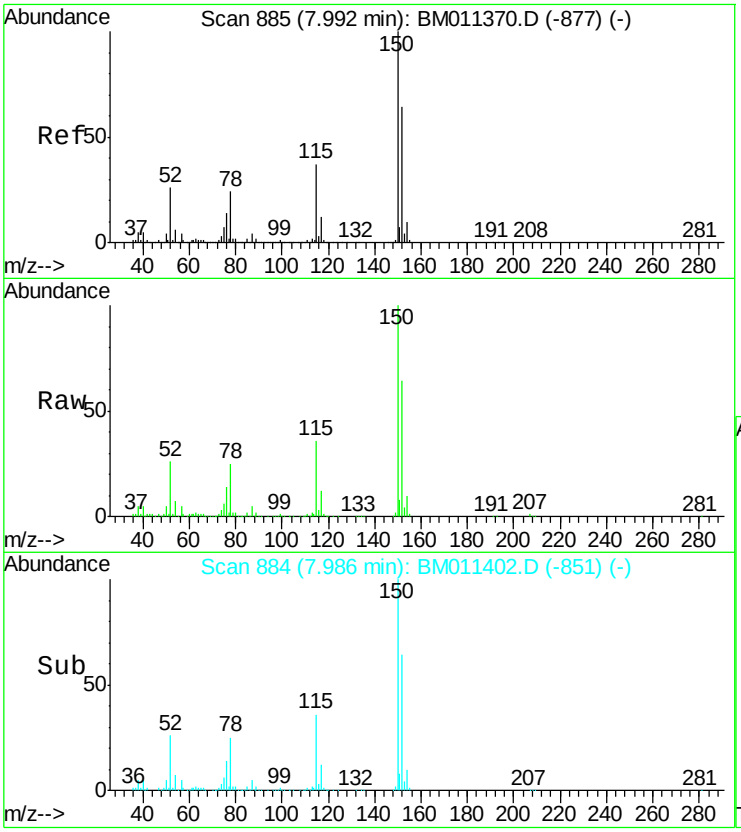


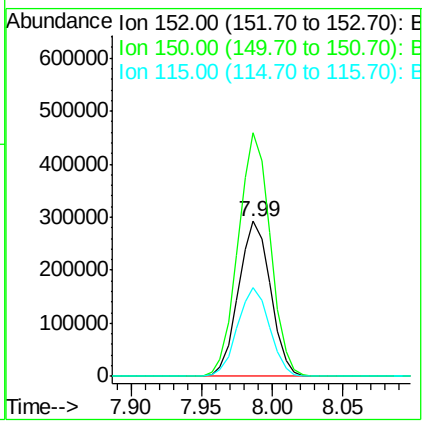


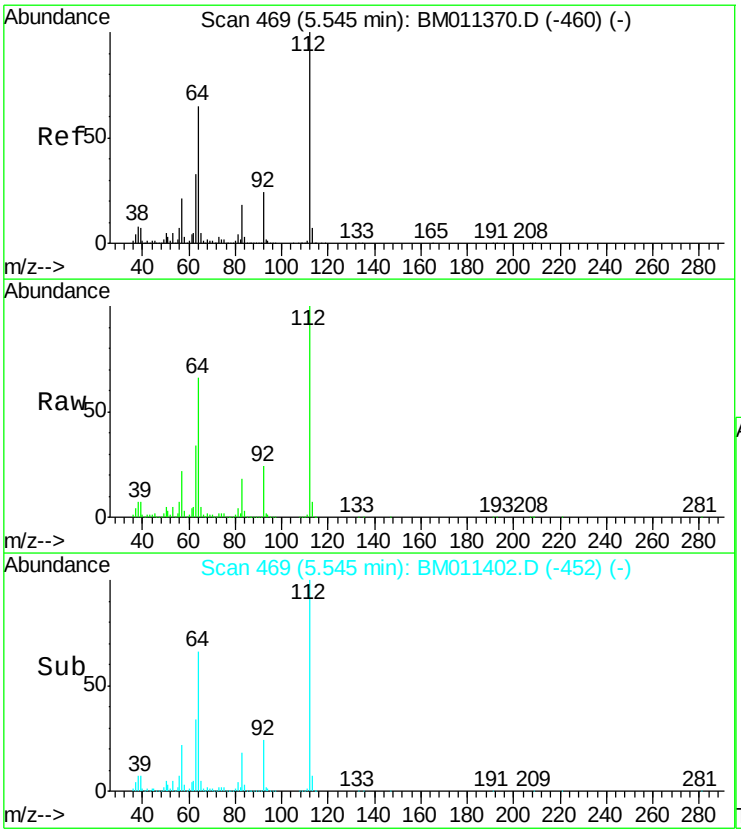
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion:152 Resp: 466207

Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	57.3	43.0	64.4

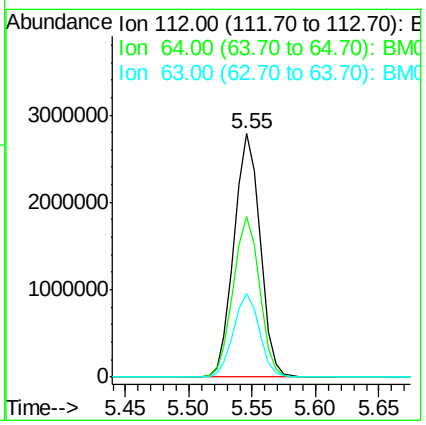


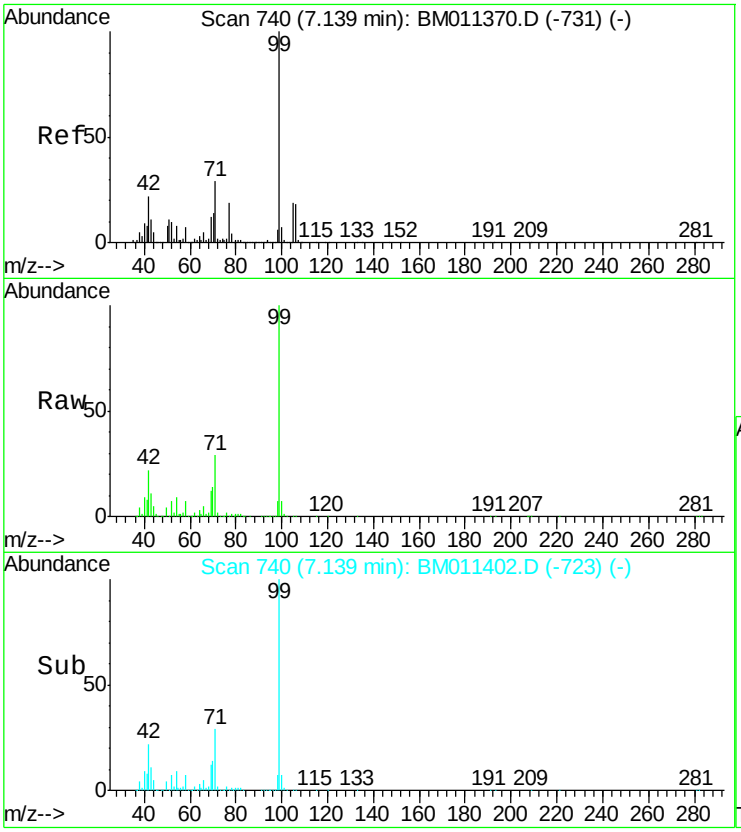


#5
2-Fluorophenol
Concen: 143.526 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion:112 Resp: 3975164

Ion	Ratio	Lower	Upper
112	100		
64	66.1	38.6	57.8#
63	34.4	19.3	28.9#



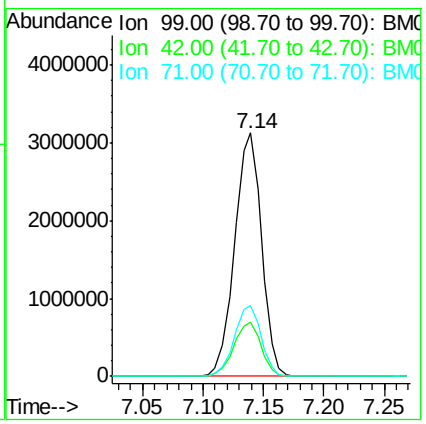


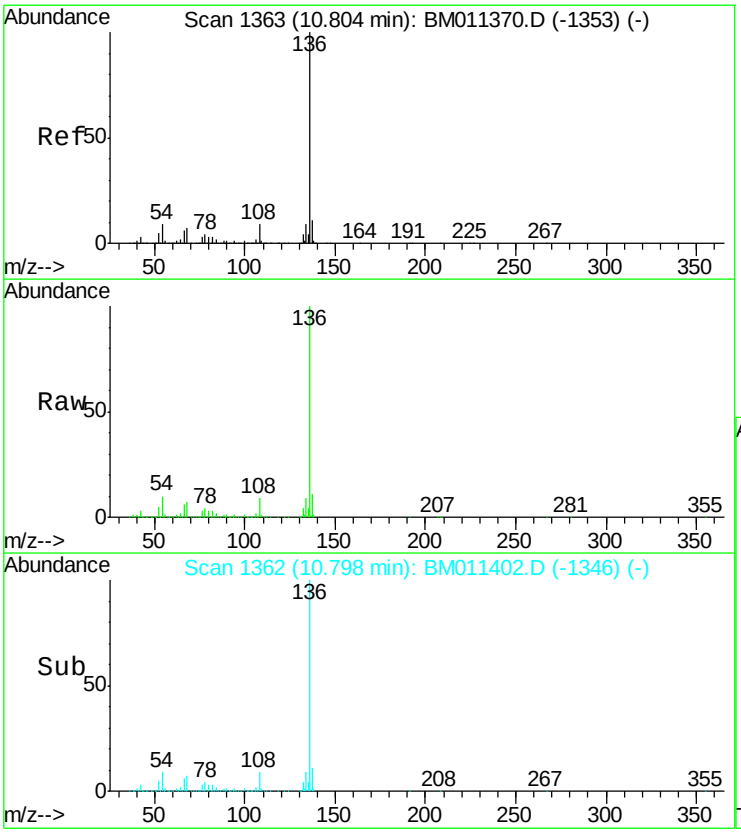
#7
Phenol-d6
Concen: 126.695 ng
RT: 7.14 min Scan# 740
Delta R.T. -0.00 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion: 99 Resp: 4865655

Ion	Ratio	Lower	Upper
99	100		
42	22.1	11.0	16.4#
71	29.2	23.4	35.2

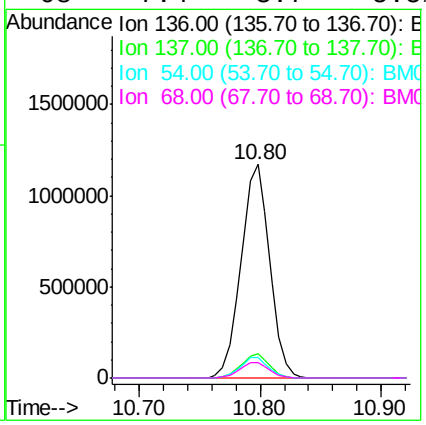


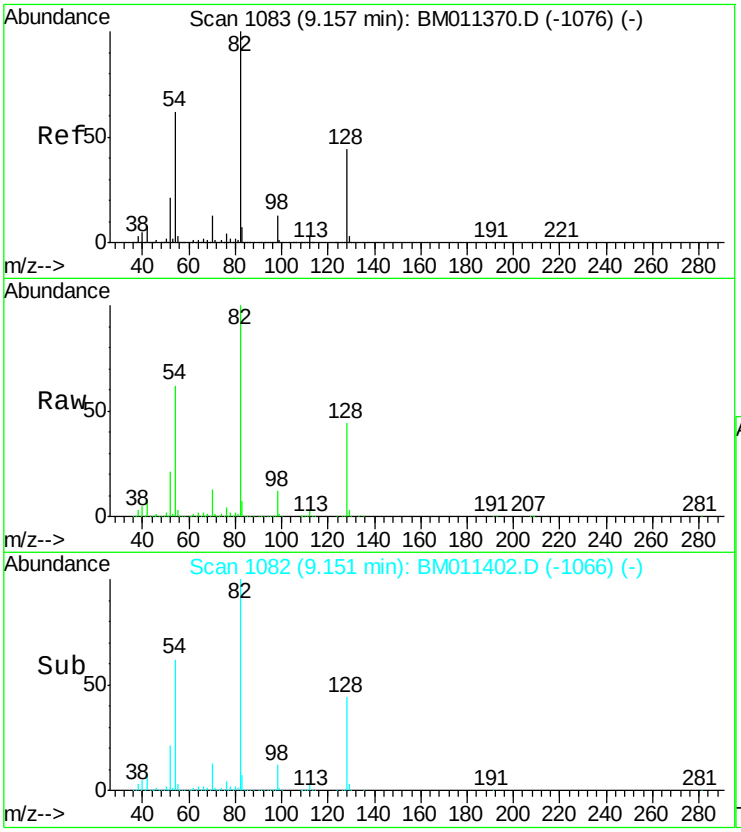


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion:136 Resp: 1931607

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.5	4.6	6.8#
68	7.4	3.7	5.5#



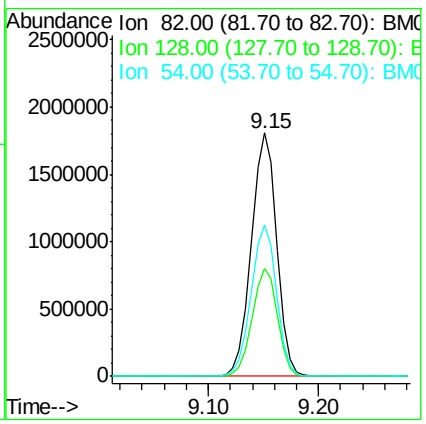


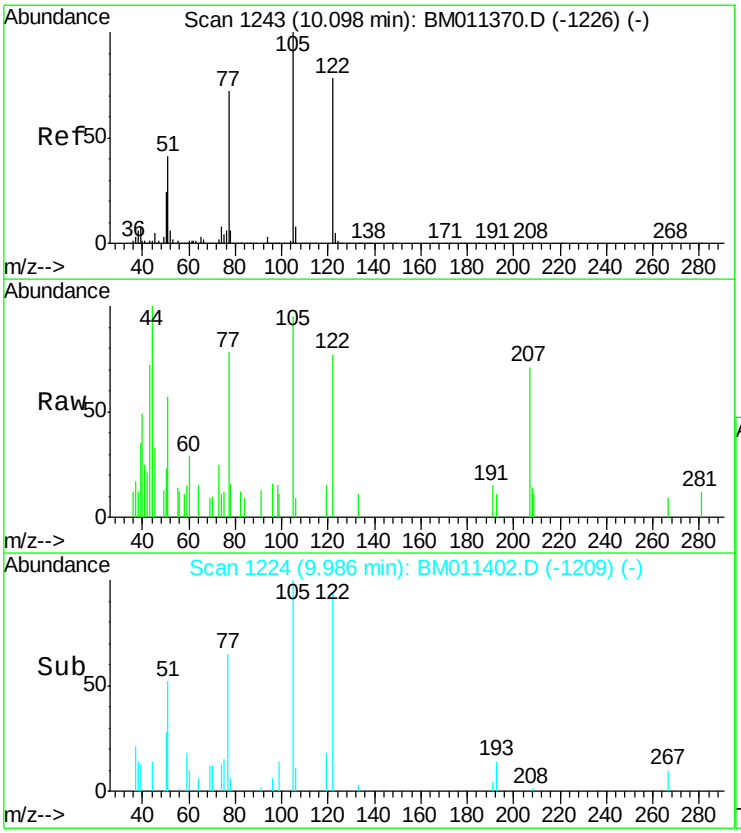
#23
Nitrobenzene-d5
Concen: 99.455 ng
RT: 9.15 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion: 82 Resp: 2915228

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.8	49.2
54	62.4	40.6	60.8#

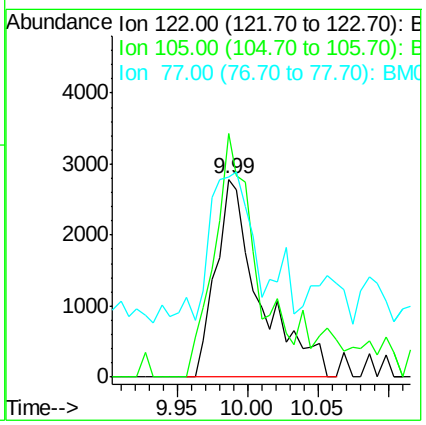


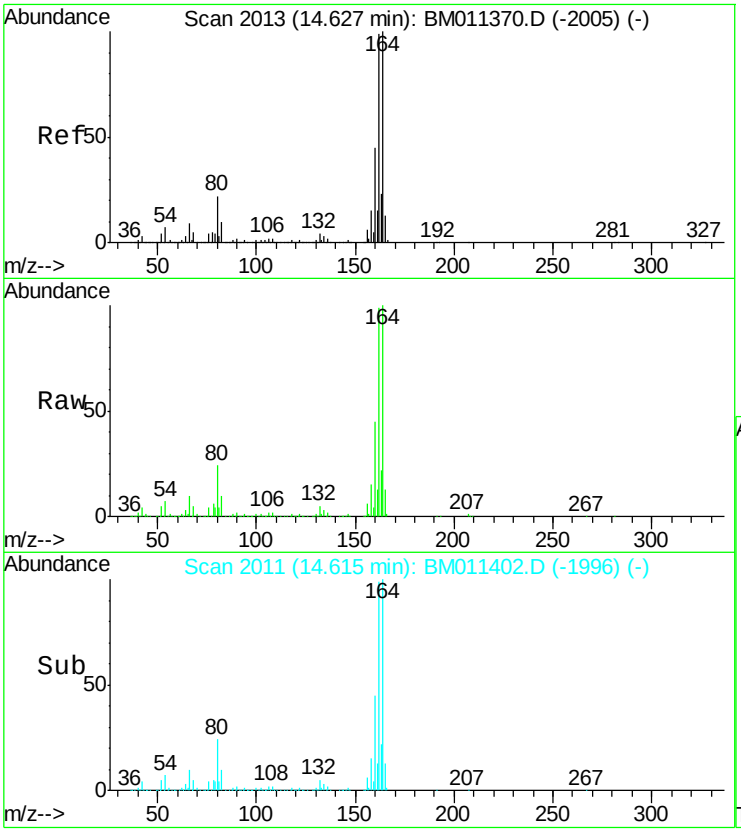


#32
Benzoic acid
Concen: 6.791 ng
RT: 9.99 min Scan# 1224
Delta R.T. -0.11 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion:122 Resp: 6041

Ion	Ratio	Lower	Upper
122	100		
105	123.2	99.9	139.9
77	101.3	73.7	113.7



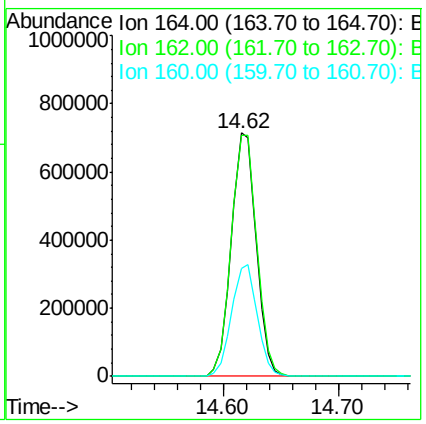


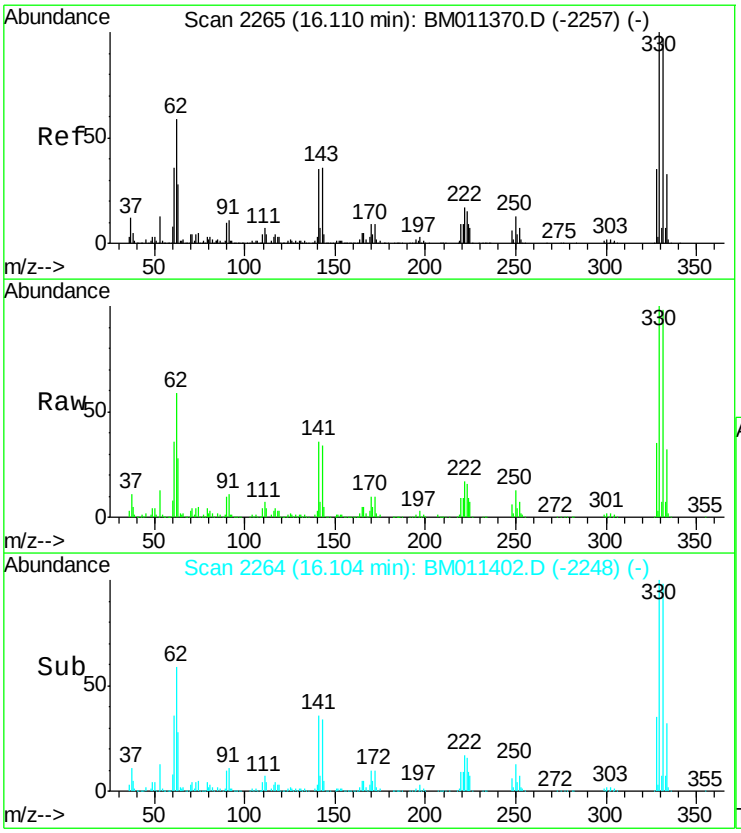
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion:164 Resp: 1067207

Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.4	123.6
160	44.6	35.8	53.6

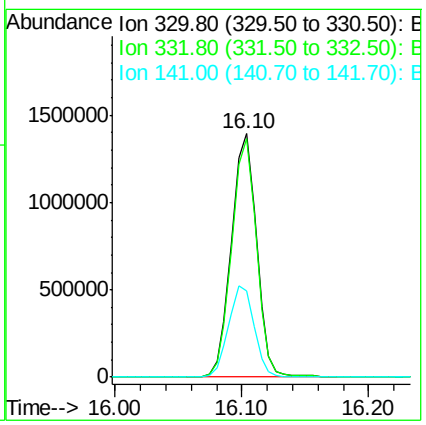


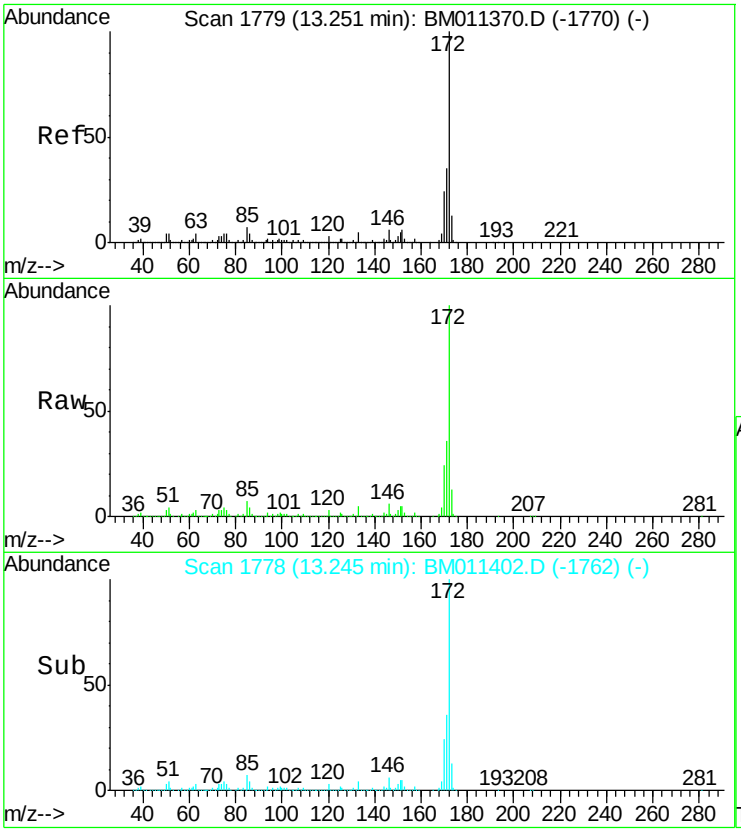


#41
2,4,6-Tribromophenol
Concen: 154.885 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion:330 Resp: 1912387

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	38.5	0.0	0.0#



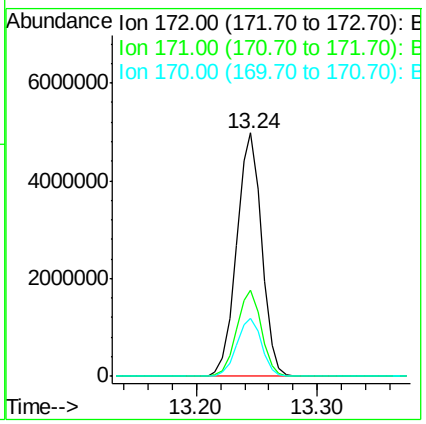


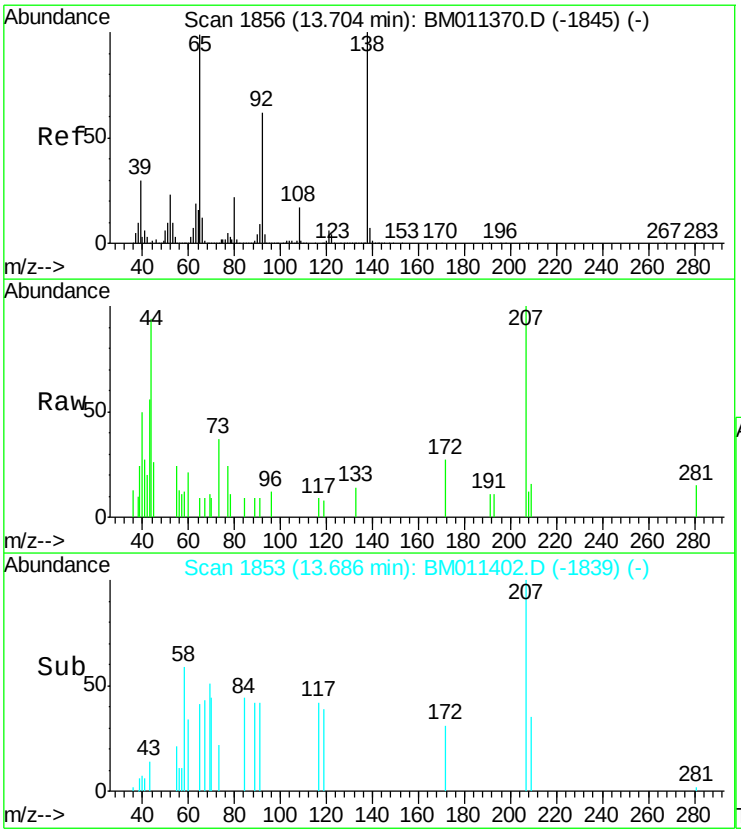
#44
2-Fluorobiphenyl
Concen: 97.003 ng
RT: 13.24 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion:172 Resp: 7181684

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.1	18.8	28.2

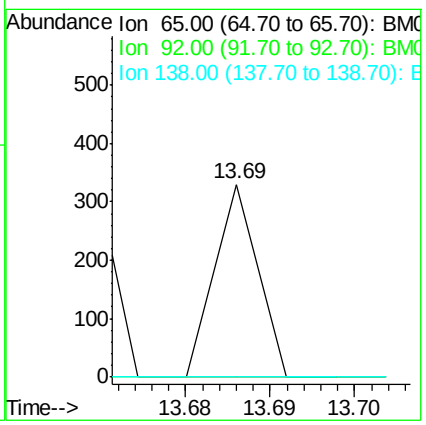


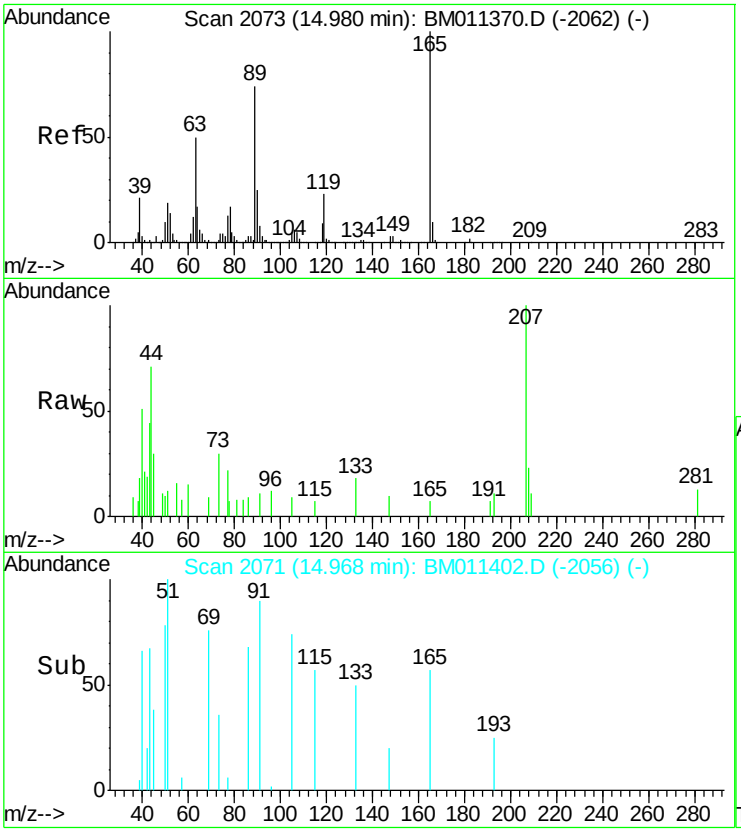


#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.69 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion: 65 Resp: 116

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



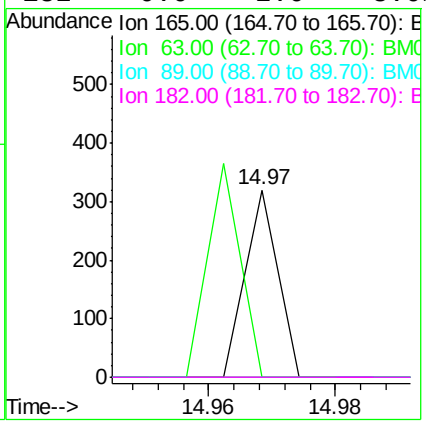


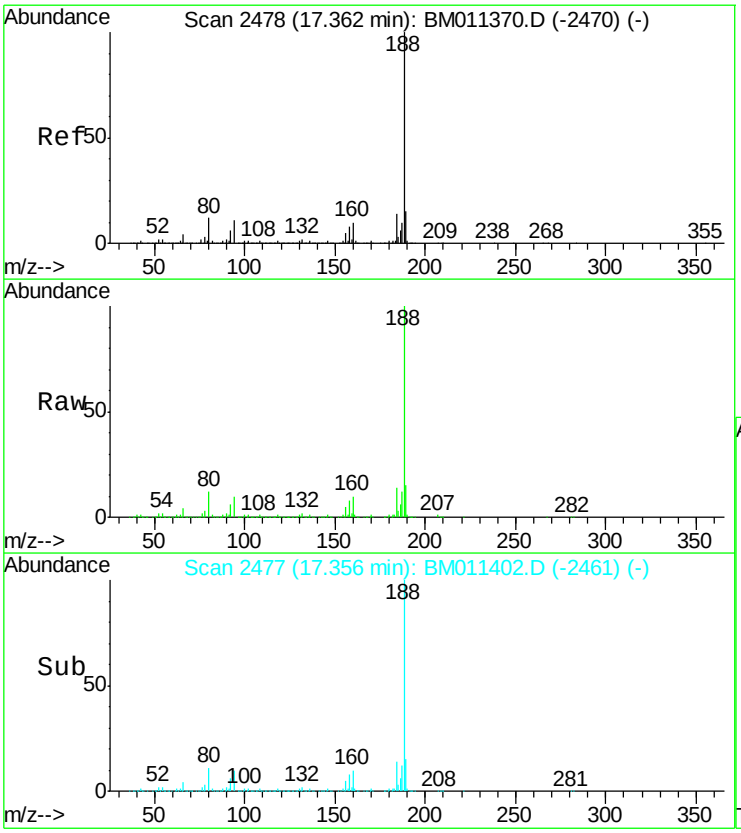
#56
2,4-Dinitrotoluene
Concen: 5.144 ng
RT: 14.97 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion:165 Resp: 113

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

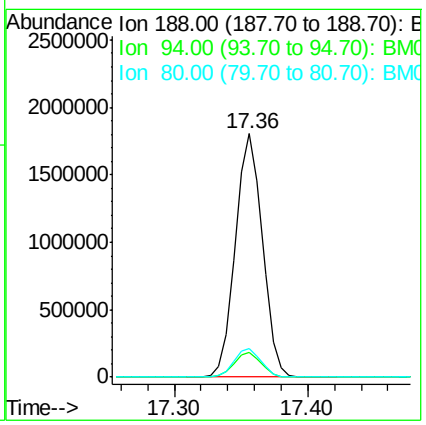


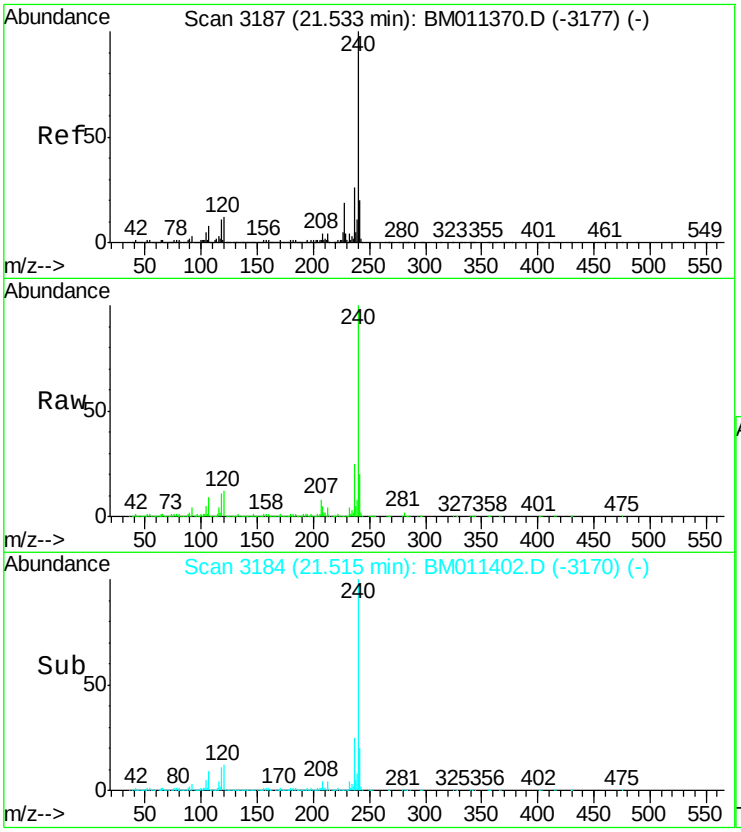


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion:188 Resp: 2541037

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	11.5	9.3	13.9



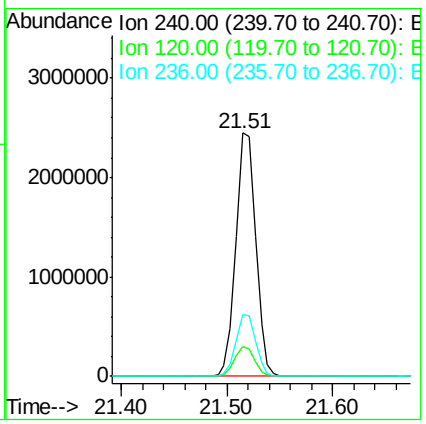


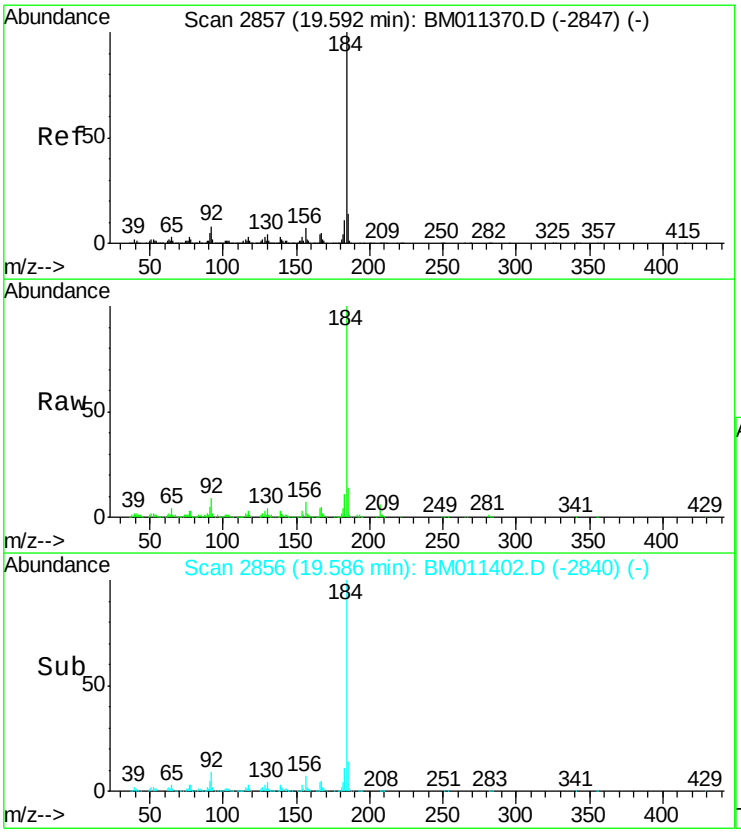
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion:240 Resp: 3172339

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.2	12.2#
236	25.3	20.0	30.0

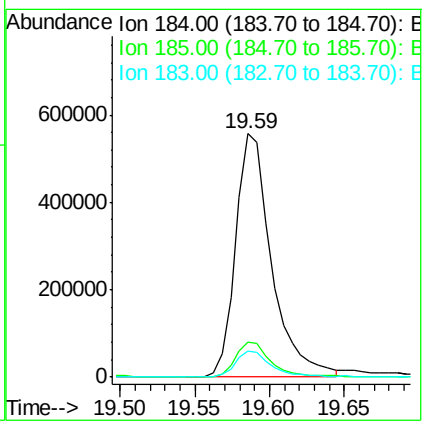


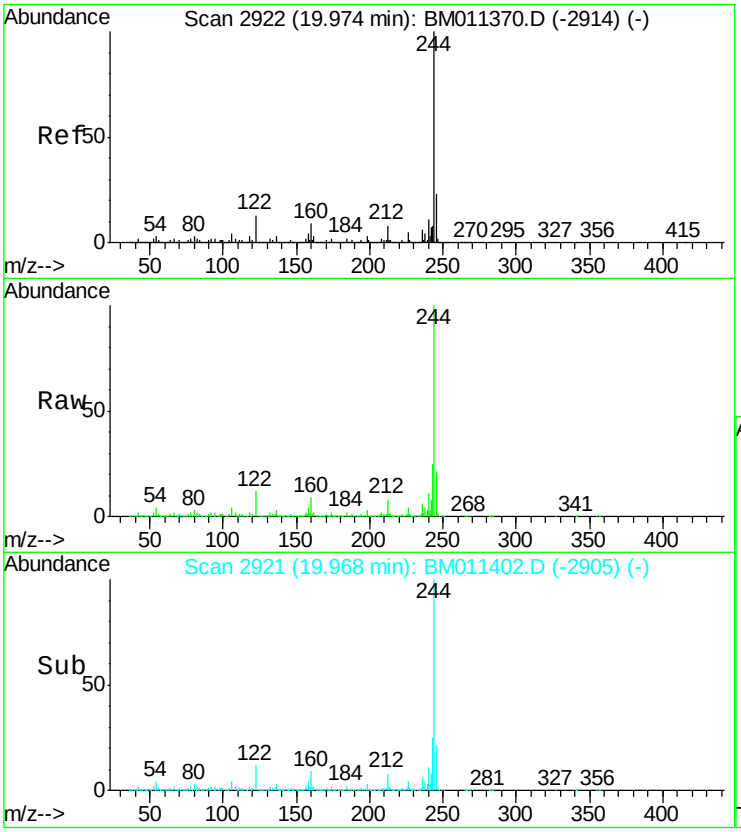


#76
Benzidine
Concen: 14.962 ng
RT: 19.59 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion:184 Resp: 936757

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	10.7	8.9	13.3



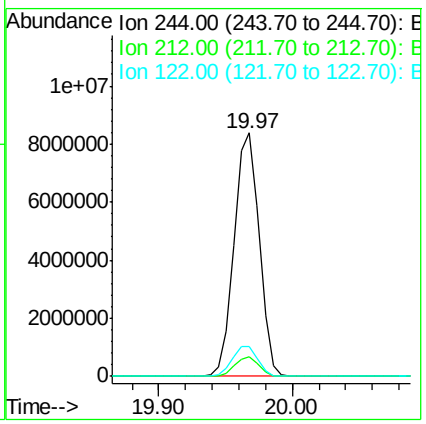


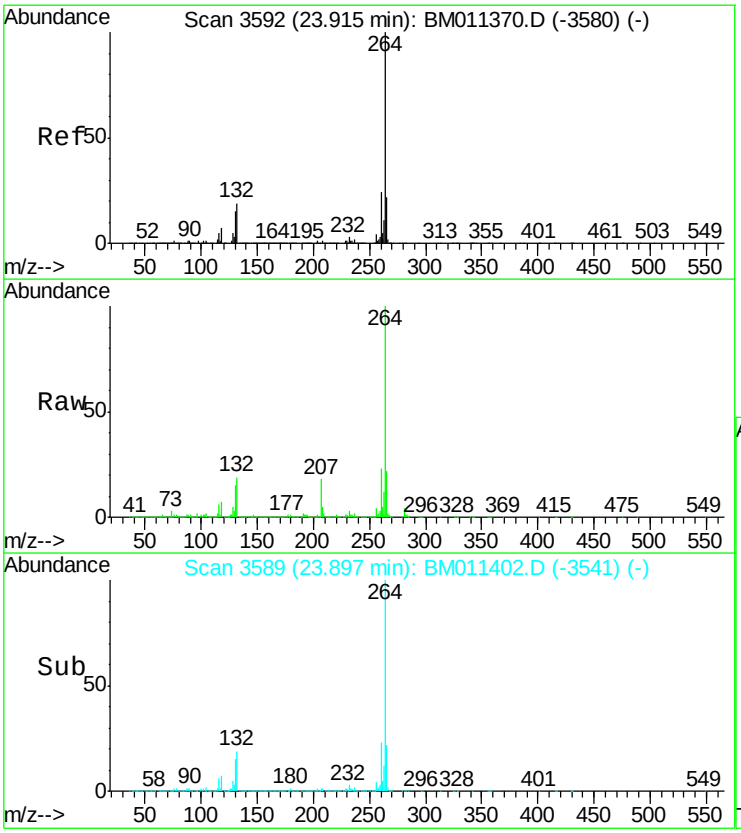
#78
Terphenyl-d14
Concen: 85.789 ng
RT: 19.97 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-D

Tgt Ion:244 Resp:10968442

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	12.4	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011402.D
Acq: 01 Sep 2017 09:36

Tgt Ion:264 Resp: 2923999

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.3	25.9