Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090517\
Data File : BM011426.D
Acq On : 05 Sep 2017 11:00
Operator : SJ/JU
Sample : I5049-03RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TR-04-083017

Quant Time: Sep 05 12:06:00 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	530165	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	2196510	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	923435	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	2341307	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2134520	20.00	ng	-0.02
86) Perylene-d12	23.89	264	559521	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4328250	137.42	ng	0.00
7) Phenol-d6	7.13	99	4786086	109.59	ng	0.00
23) Nitrobenzene-d5	9.15	82	3275507	98.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1681579	157.40	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	7313398	114.16	ng	-0.01
78) Terphenyl-d14	19.96	244	9497255	110.40	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	10.10	122	218	6.548	ng	# 1
47) 2-Nitroaniline	13.71	65	128	5.443	ng	# 1
56) 2,4-Dinitrotoluene	15.03	165	150	5.146	ng	# 54

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

Quantitation Report (Not Reviewed)

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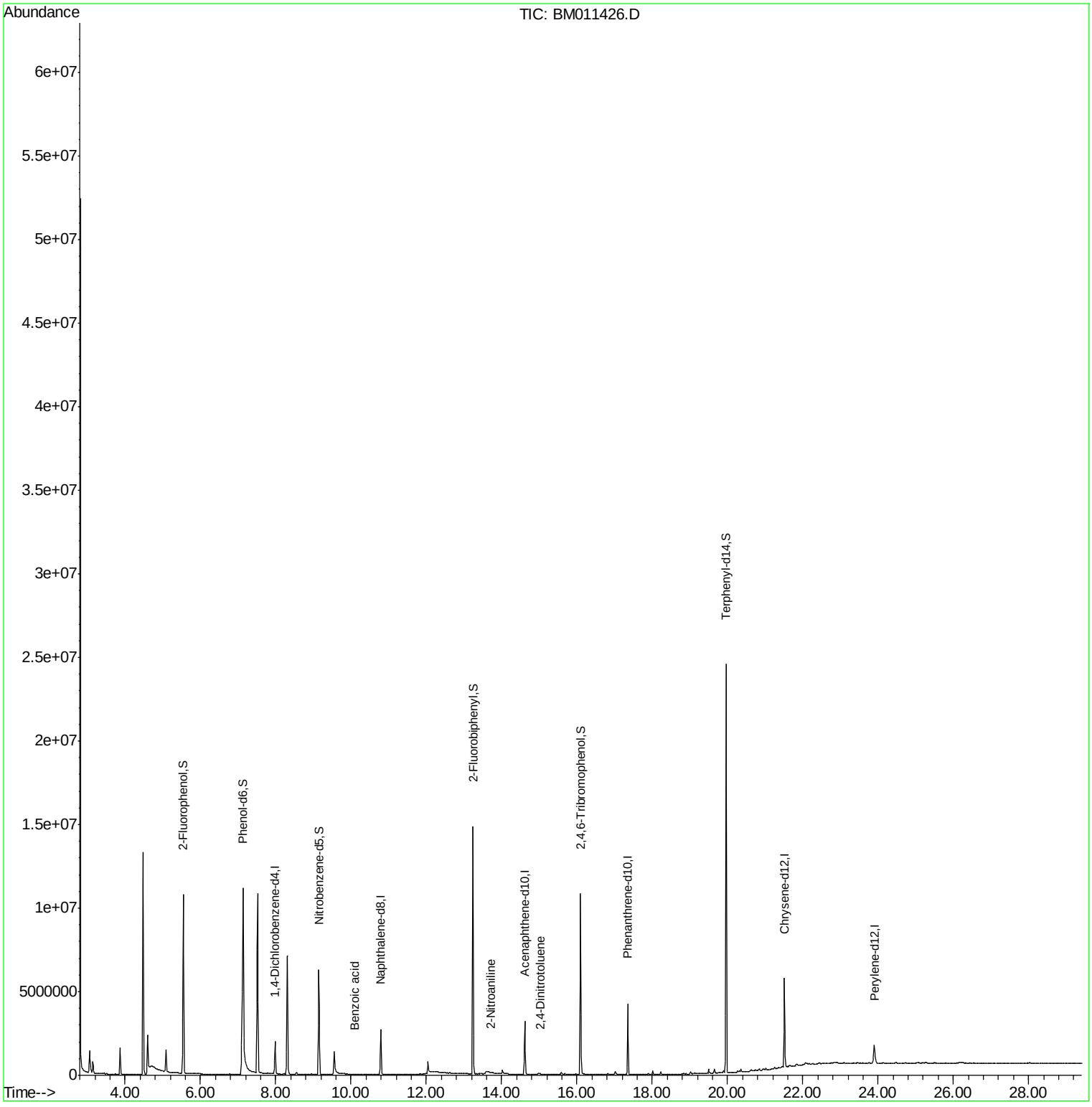
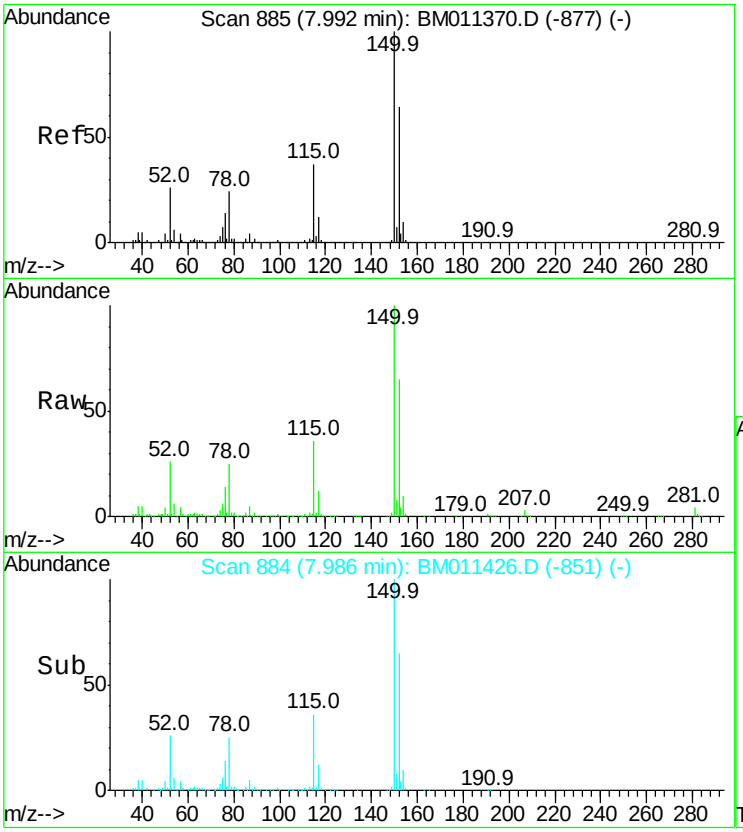


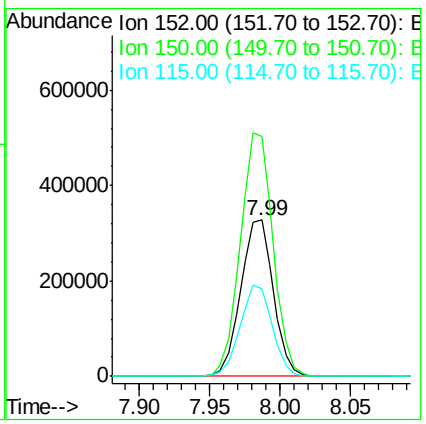


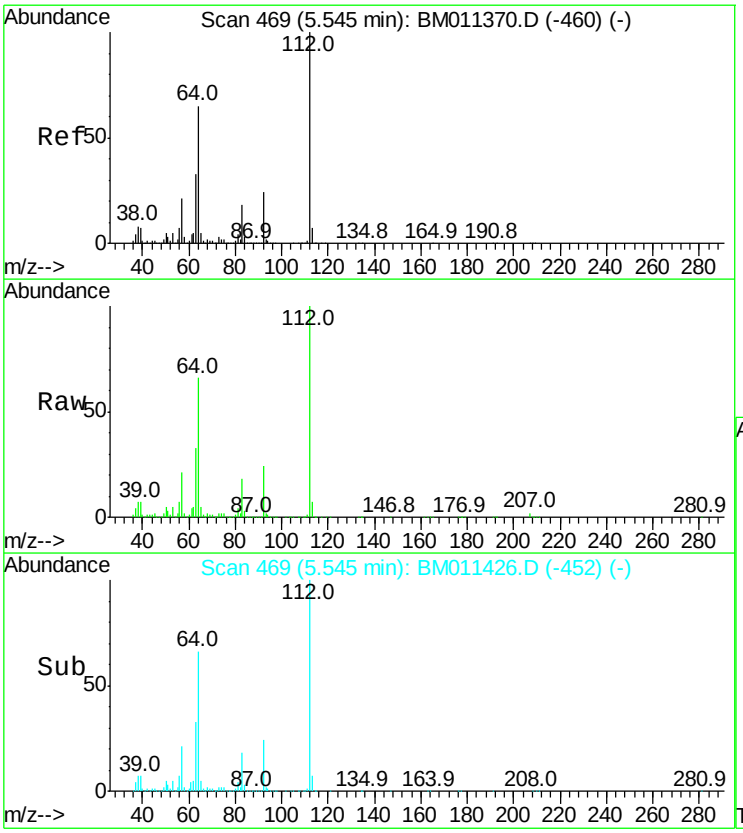
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument :
BNA_M
ClientSampleId :
TR-04-083017

Tgt Ion:152 Resp: 530165

Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	56.0	43.0	64.4

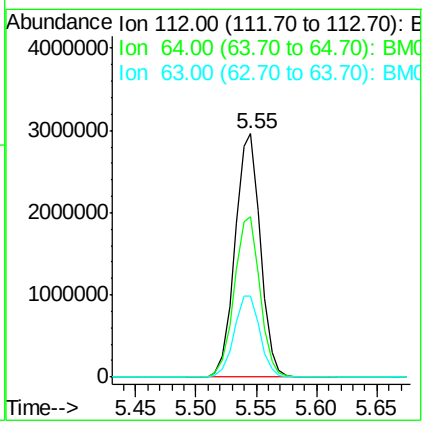


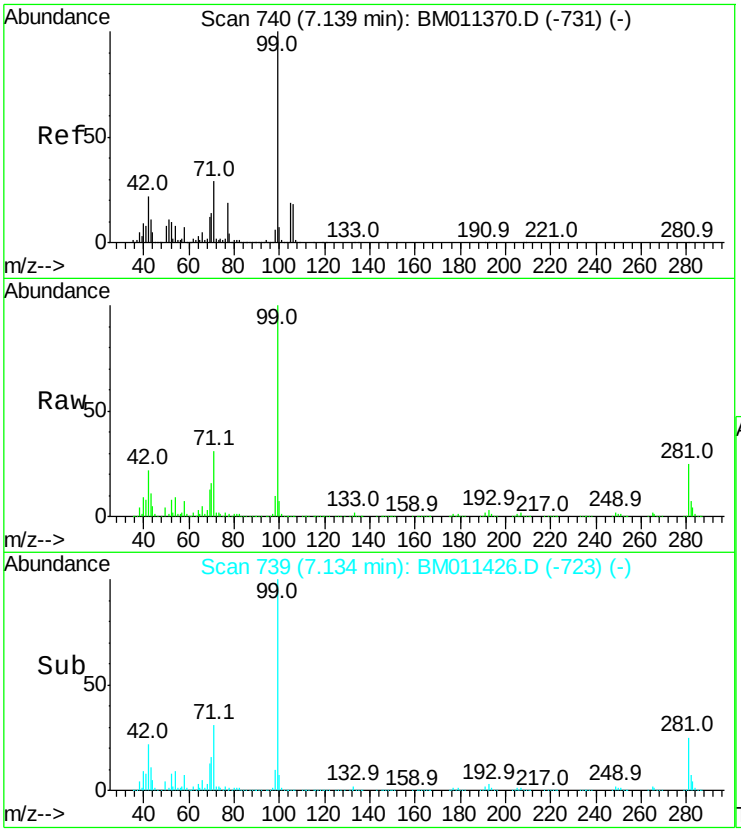


#5
2-Fluorophenol
Concen: 137.422 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Tgt Ion:112 Resp: 4328250

Ion	Ratio	Lower	Upper
112	100		
64	65.7	38.6	57.8#
63	33.4	19.3	28.9#



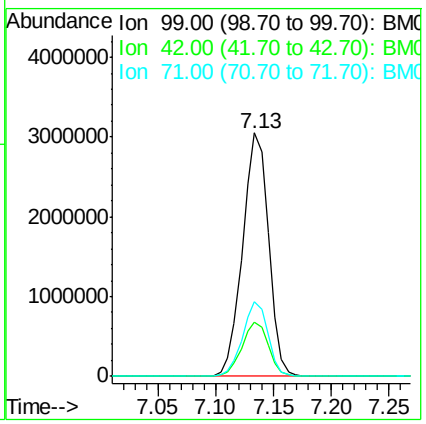


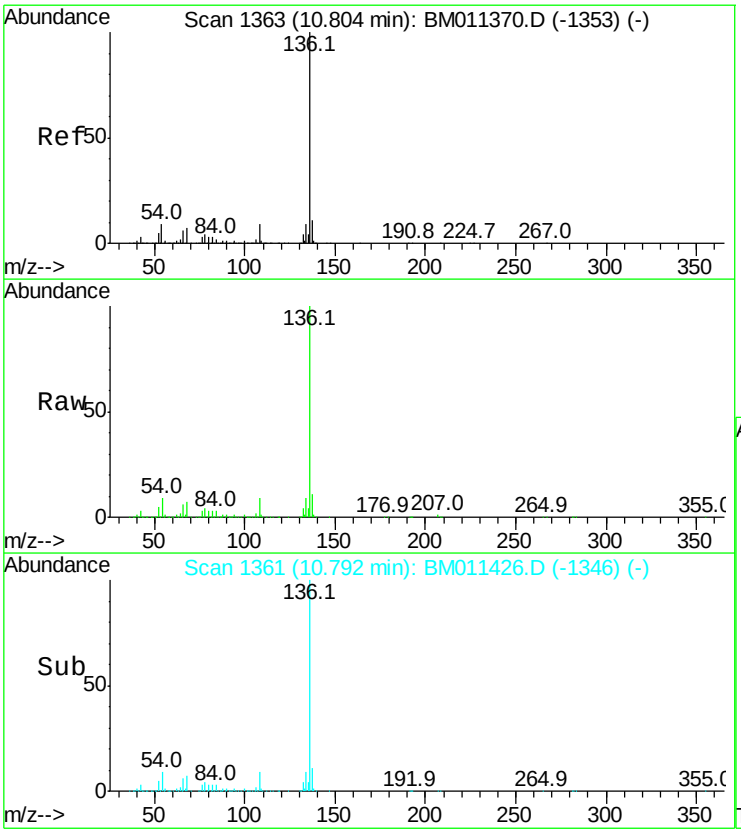
#7
Phenol-d6
Concen: 109.589 ng
RT: 7.13 min Scan# 739
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument :
BNA_M
ClientSampleId :
TR-04-083017

Tgt Ion: 99 Resp: 4786086

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	30.5	23.4	35.2

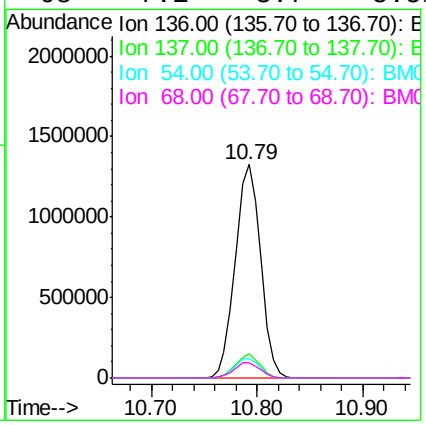


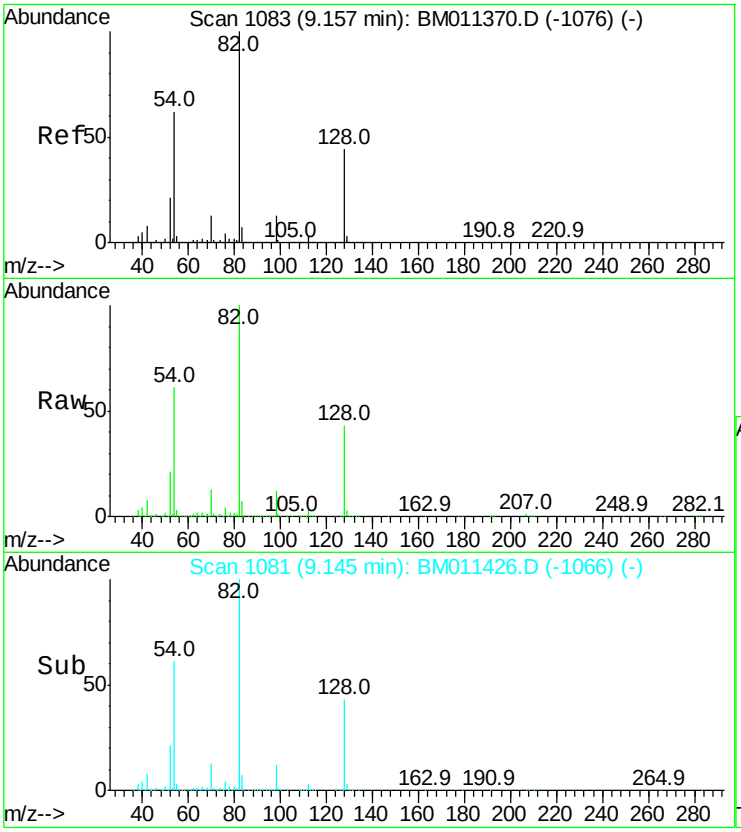


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Tgt Ion:136 Resp: 2196510

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.2	4.6	6.8#
68	7.1	3.7	5.5#



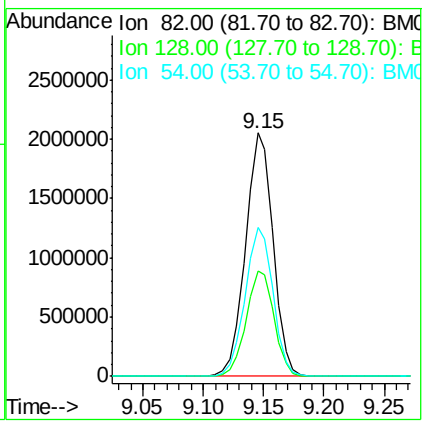


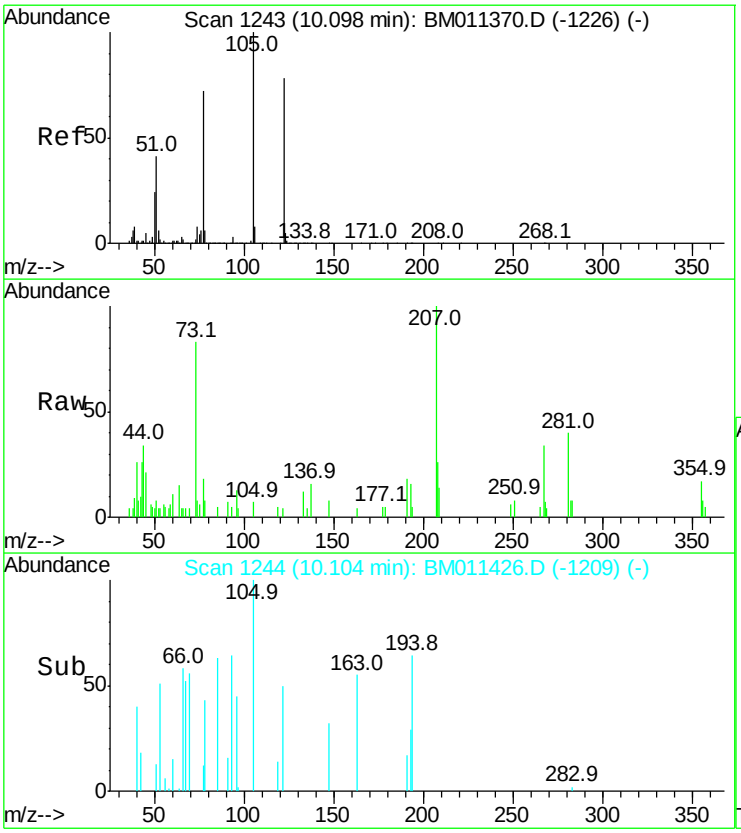
#23
Nitrobenzene-d5
Concen: 98.270 ng
RT: 9.15 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument :
BNA_M
ClientSampleId :
TR-04-083017

Tgt Ion: 82 Resp: 3275507

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.8	49.2
54	61.1	40.6	60.8#

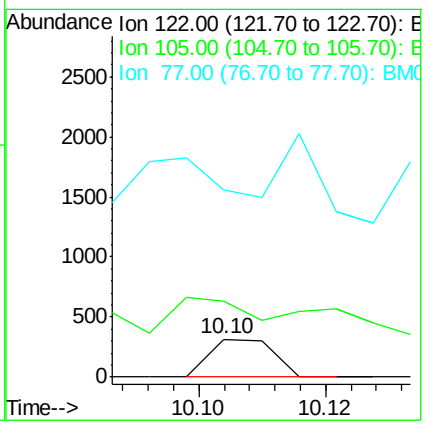


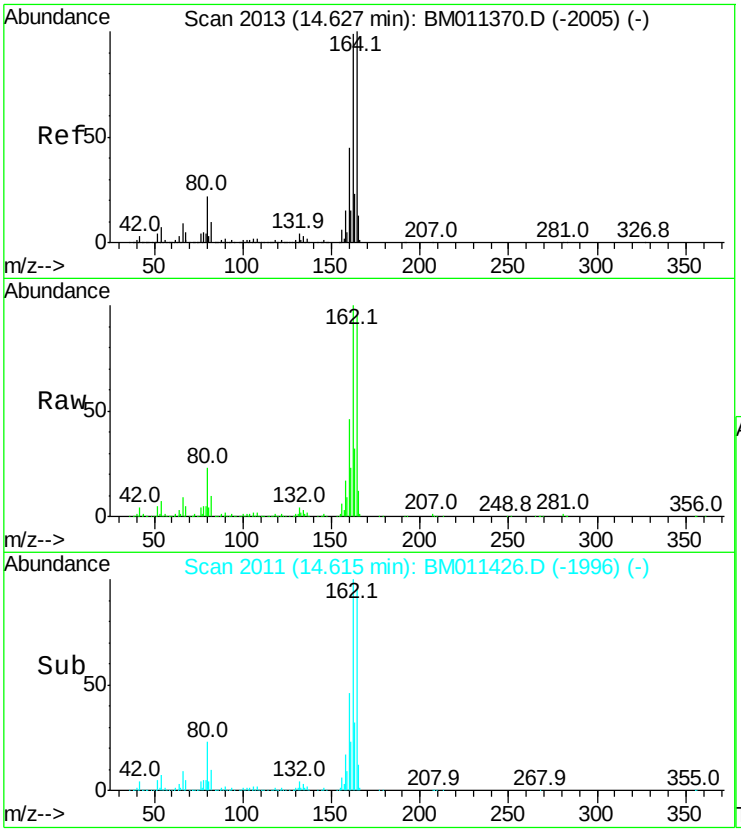


#32
Benzoic acid
Concen: 6.548 ng
RT: 10.10 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Tgt Ion:122 Resp: 218

Ion	Ratio	Lower	Upper
122	100		
105	200.6	99.9	139.9#
77	495.2	73.7	113.7#



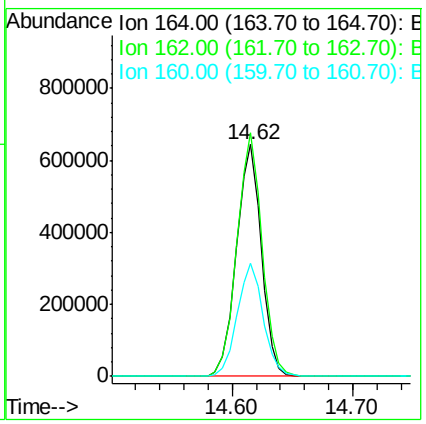


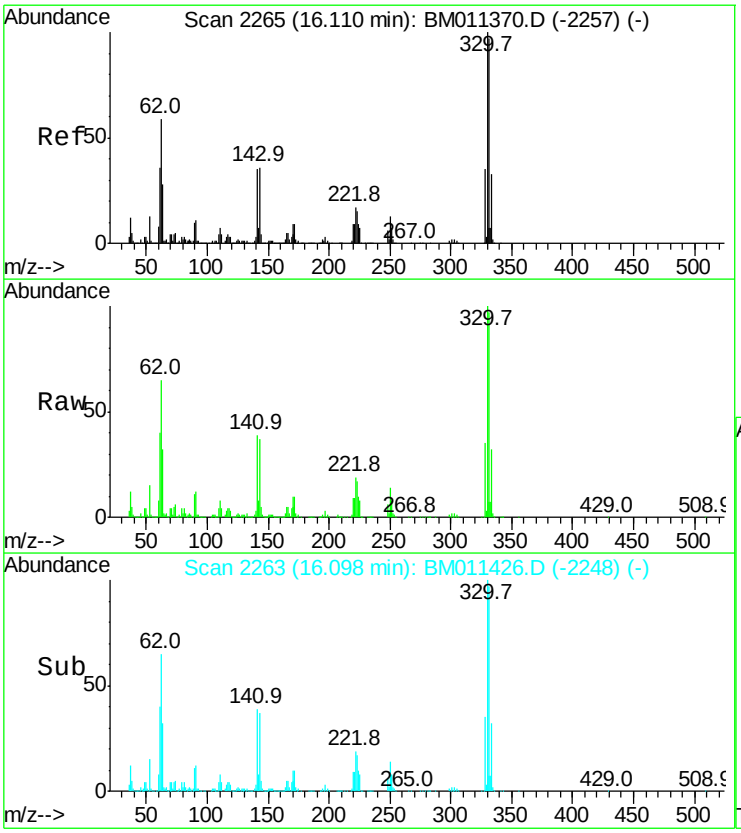
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument :
BNA_M
ClientSampleId :
TR-04-083017

Tgt Ion:164 Resp: 923435

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.4	123.6
160	48.7	35.8	53.6

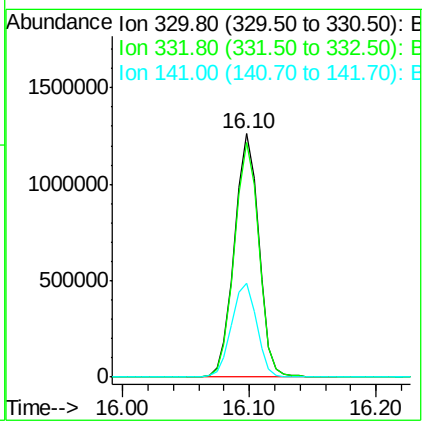


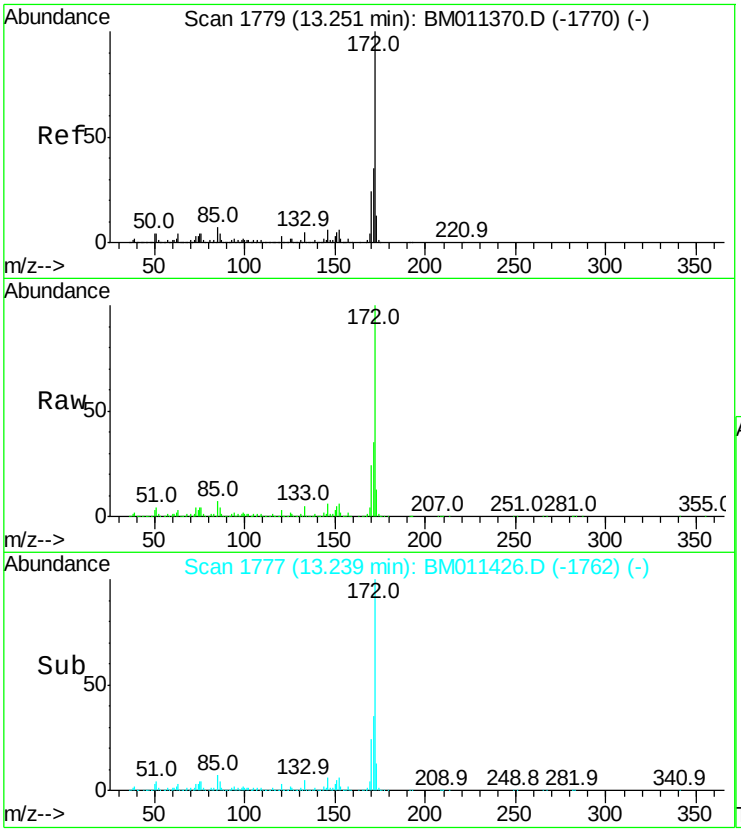


#41
2,4,6-Tribromophenol
Concen: 157.396 ng
RT: 16.10 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Tgt Ion:330 Resp: 1681579

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	39.7	0.0	0.0#



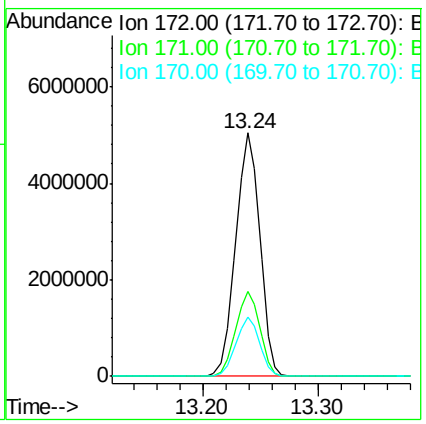


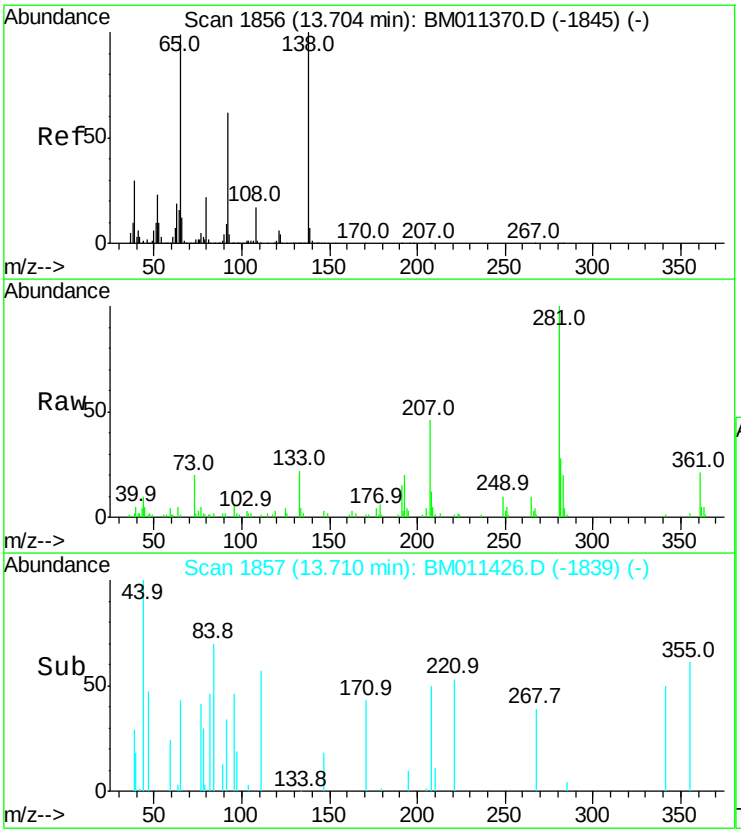
#44
2-Fluorobiphenyl
Concen: 114.162 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument :
BNA_M
ClientSampleId :
TR-04-083017

Tgt Ion:172 Resp: 7313398

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.1	18.8	28.2

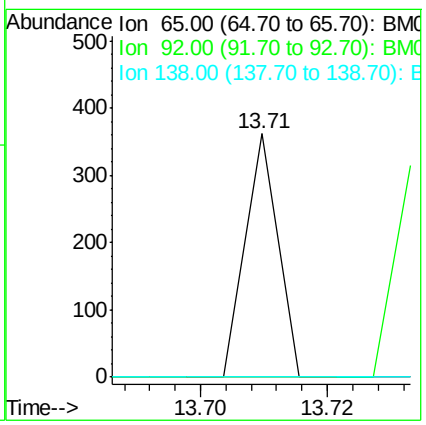


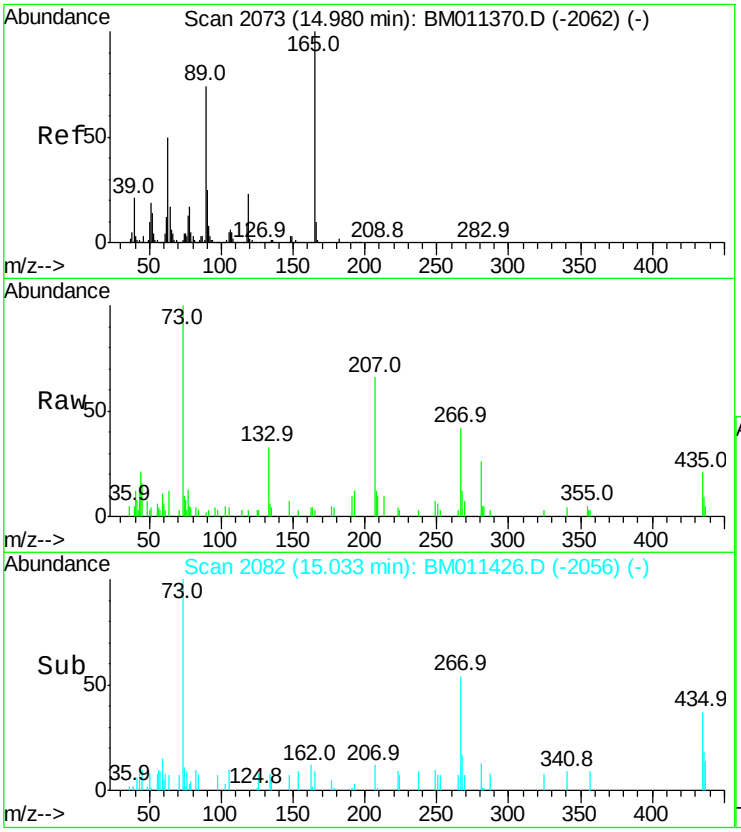


#47
2-Nitroaniline
Concen: 5.443 ng
RT: 13.71 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Tgt Ion: 65 Resp: 128

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



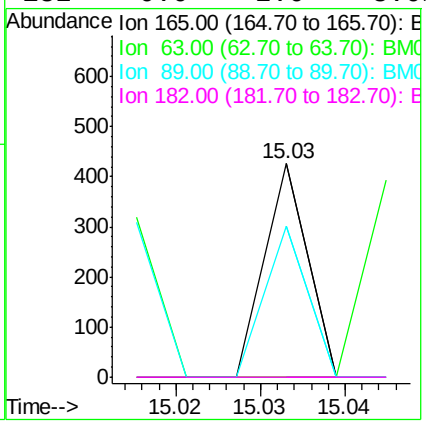


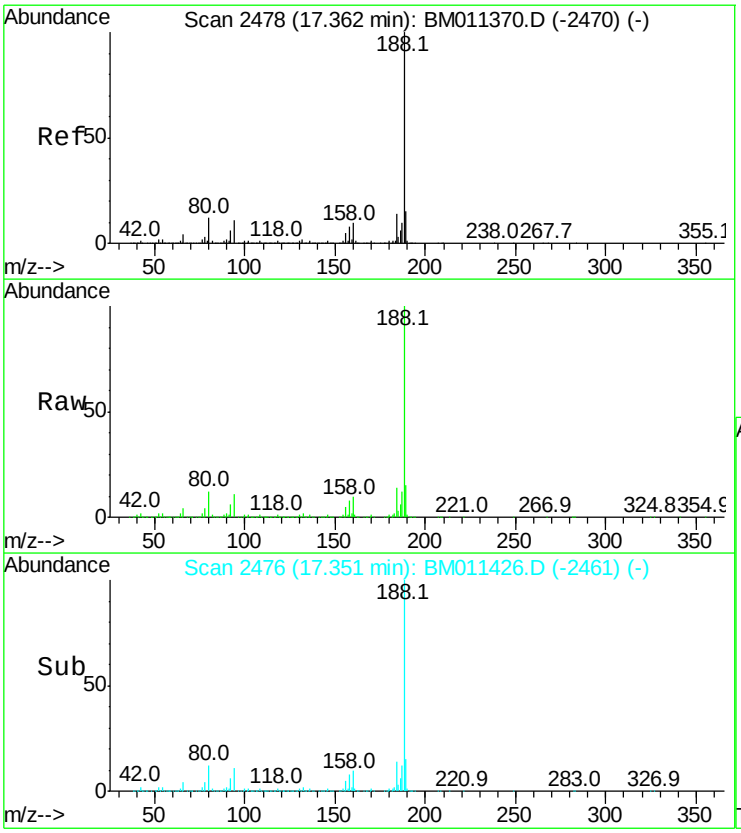
#56
2,4-Dinitrotoluene
Concen: 5.146 ng
RT: 15.03 min Scan# 2082
Delta R.T. 0.05 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument : BNA_M
ClientSampleId : TR-04-083017

Tgt Ion:165 Resp: 150

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	70.7	72.4	108.6#
182	0.0	2.0	3.0#

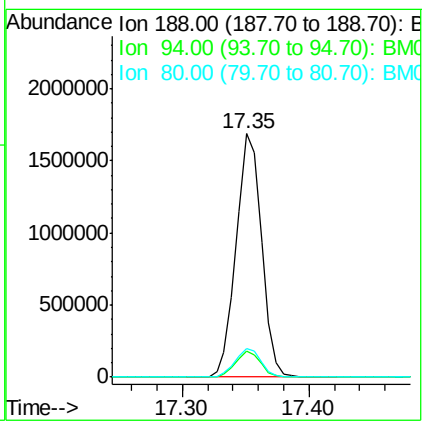


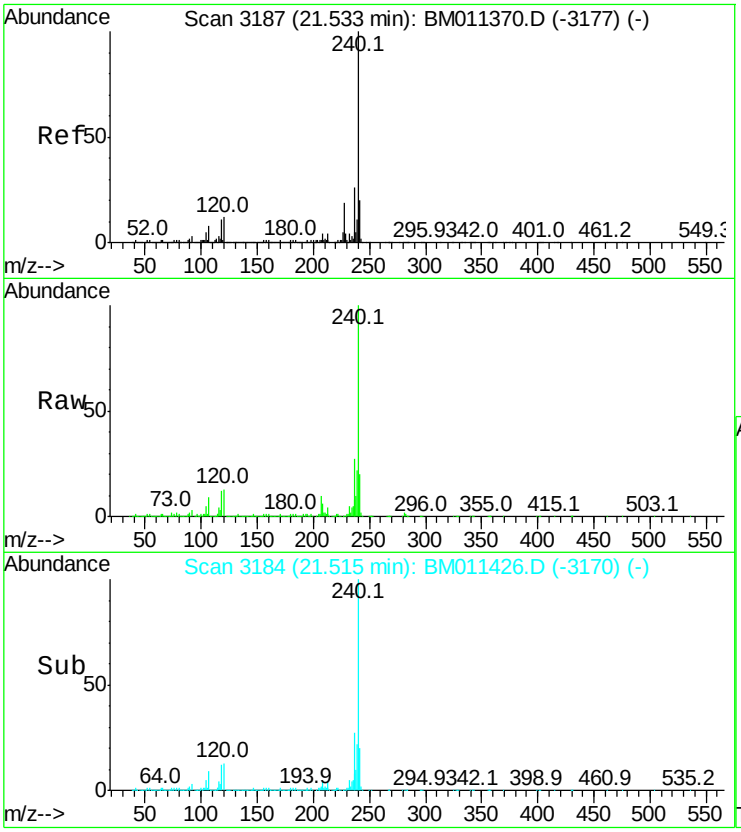


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Tgt Ion:188 Resp: 2341307

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.9	9.3	13.9



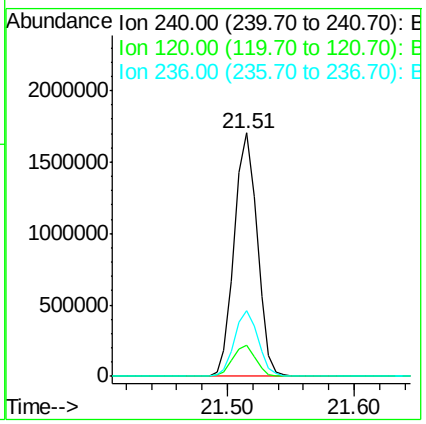


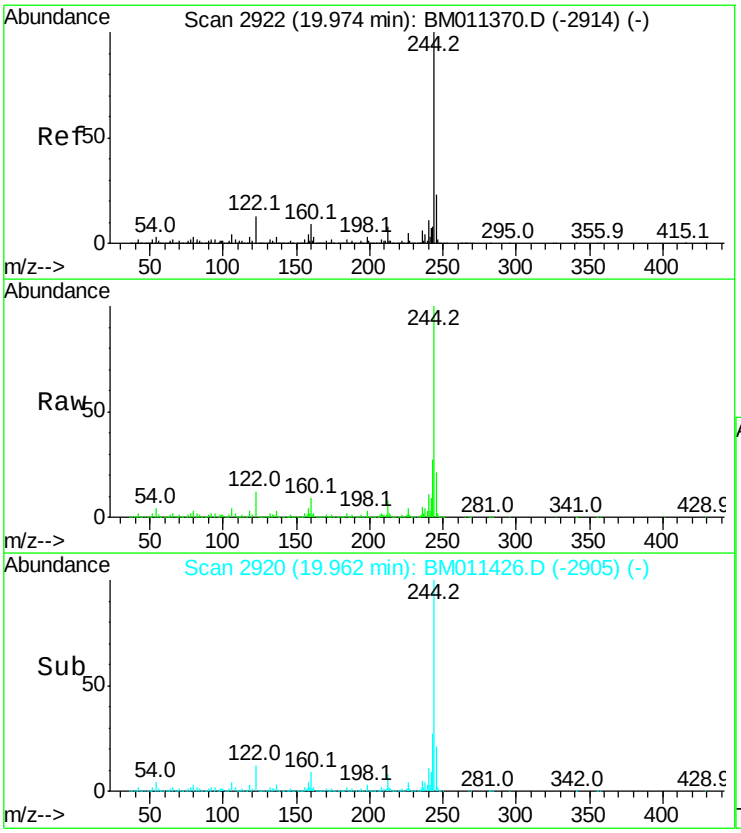
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument :
BNA_M
ClientSampleId :
TR-04-083017

Tgt Ion:240 Resp: 2134520

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.2	12.2#
236	27.1	20.0	30.0

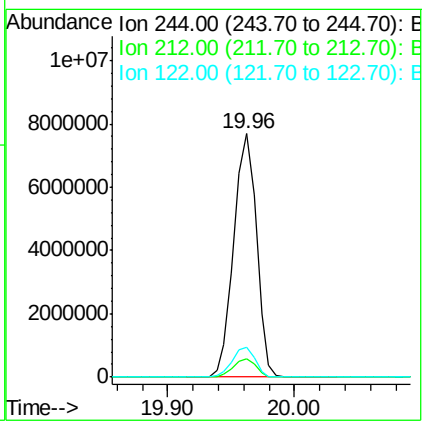


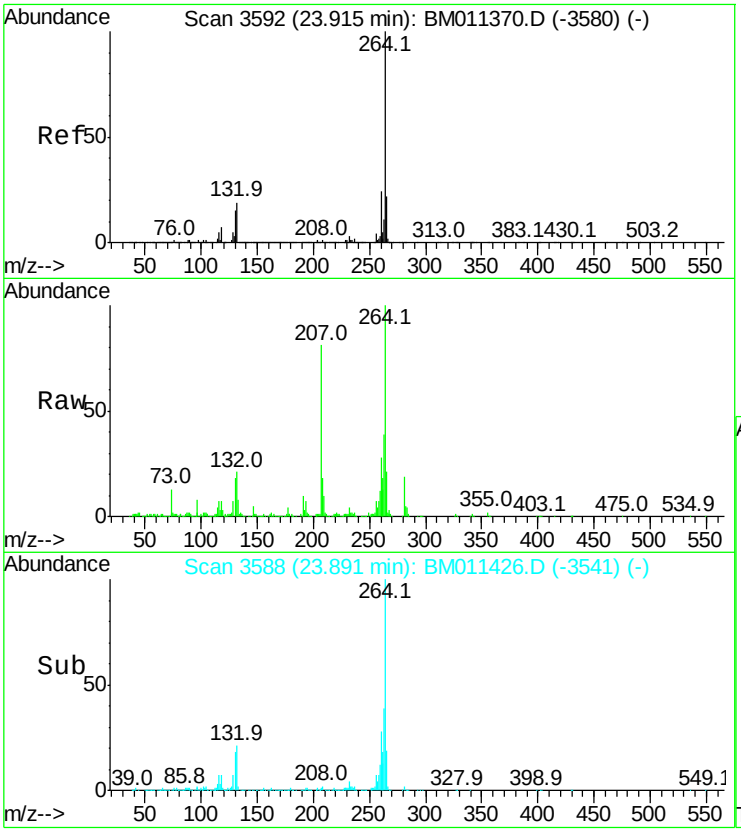


#78
Terphenyl-d14
Concen: 110.398 ng
RT: 19.96 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Tgt Ion:244 Resp: 9497255

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	12.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BM011426.D
Acq: 05 Sep 2017 11:00

Instrument :
BNA_M
ClientSampleId :
TR-04-083017

Tgt Ion:264 Resp: 559521

Ion	Ratio	Lower	Upper
264	100		
260	27.9	18.6	27.8#
265	20.6	17.3	25.9